

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056925.D
 Acq On : 25 Jul 2019 16:12
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 26 03:20:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 03:12:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	454523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	641459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	310205	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	704891	143.88	ug/l	0.00
Spiked Amount			Recovery	=	287.76%	
35) Dibromofluoromethane	7.57	113	649855	146.82	ug/l	0.00
Spiked Amount			Recovery	=	293.64%	
50) Toluene-d8	10.08	98	2512691	148.97	ug/l	0.00
Spiked Amount			Recovery	=	297.94%	
62) 4-Bromofluorobenzene	12.40	95	909790	165.47	ug/l	0.00
Spiked Amount			Recovery	=	330.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	803280	160.128	ug/l	100
3) Chloromethane	2.04	50	897377	143.268	ug/l	98
4) Vinyl Chloride	2.17	62	857754	149.151	ug/l	99
5) Bromomethane	2.51	94	515572	146.604	ug/l	99
6) Chloroethane	2.67	64	439115	138.149	ug/l	99
7) Trichlorofluoromethane	2.99	101	1054049	146.934	ug/l	99
8) Diethyl Ether	3.39	74	416822	155.261	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	644634	146.031	ug/l	99
10) Methyl Iodide	3.93	142	1007131	170.341	ug/l	100
11) Tert butyl alcohol	4.78	59	506181	746.084	ug/l	100
12) 1,1-Dichloroethene	3.71	96	658114	149.280	ug/l	100
13) Acrolein	3.59	56	280589	537.269	ug/l	100
14) Allyl chloride	4.30	41	1091462	150.867	ug/l	99
15) Acrylonitrile	4.96	53	1558979	758.381	ug/l	100
16) Acetone	3.80	43	1219915	692.152	ug/l	99
17) Carbon Disulfide	4.03	76	1802694	150.580	ug/l	100
18) Methyl Acetate	4.30	43	819947	120.582	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	1983036	152.545	ug/l	99
20) Methylene Chloride	4.53	84	741490	142.709	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	689088	149.588	ug/l	99
22) Diisopropyl ether	5.93	45	2167666	148.290	ug/l	98
23) Vinyl Acetate	5.87	43	8005034	762.735	ug/l	100
24) 1,1-Dichloroethane	5.82	63	1256240	148.078	ug/l	100
25) 2-Butanone	6.82	43	1935728	755.325	ug/l	99
26) 2,2-Dichloropropane	6.80	77	951697	157.978	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	803159	151.664	ug/l	99
28) Bromochloromethane	7.18	49	569373	147.524	ug/l	100
29) Tetrahydrofuran	7.19	42	1273427	730.277	ug/l	99
30) Chloroform	7.36	83	1223382	143.542	ug/l	98
31) Cyclohexane	7.63	56	1174578	143.163	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	1050792	152.411	ug/l	99
36) 1,1-Dichloropropene	7.78	75	961083	152.126	ug/l	99
37) Ethyl Acetate	6.91	43	784701	155.154	ug/l	100
38) Carbon Tetrachloride	7.76	117	924560	153.252	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1219604	153.638	ug/l	99
40) Benzene	8.03	78	2919940	148.432	ug/l	98
41) Methacrylonitrile	7.16	41	409886	167.846	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	892557	145.224	ug/l	99
43) Isopropyl Acetate	8.15	43	1326573	152.019	ug/l	100
44) Trichloroethene	8.82	130	801773	151.315	ug/l	98
45) 1,2-Dichloropropane	9.11	63	781338	147.075	ug/l	99
46) Dibromomethane	9.20	93	486754	148.452	ug/l	100
47) Bromodichloromethane	9.39	83	971387	157.161	ug/l	99
48) Methyl methacrylate	9.19	41	658547	151.277	ug/l	100
49) 1,4-Dioxane	9.19	88	260817	3032.119	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3924689	755.786	ug/l	99
52) Toluene	10.15	92	1829360	154.305	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	1078451	170.772	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	1221319	163.578	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	706491	150.088	ug/l	100
56) Ethyl methacrylate	10.42	69	1083256	166.709	ug/l	99
57) 1,3-Dichloropropane	10.70	76	1195558	153.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	2227303	822.756	ug/l	99
59) 2-Hexanone	10.74	43	2846301	789.452	ug/l	99
60) Dibromochloromethane	10.90	129	796764	168.610	ug/l	100
61) 1,2-Dibromoethane	11.00	107	743896	159.471	ug/l	98
64) Tetrachloroethene	10.62	164	781069	139.776	ug/l	98
65) Chlorobenzene	11.43	112	2010515	150.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	748924	148.177	ug/l	99
67) Ethyl Benzene	11.50	91	3567119	154.087	ug/l	100
68) m/p-Xylenes	11.61	106	2673351	308.369	ug/l	99
69) o-Xylene	11.94	106	1296067	153.502	ug/l	100
70) Styrene	11.96	104	2246637	166.857	ug/l	99
71) Bromoform	12.12	173	589282	169.357	ug/l #	100
73) Isopropylbenzene	12.24	105	3477232	127.171	ug/l	100
74) N-amyl acetate	12.06	43	1187669	131.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	965678	120.184	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1212178	185.412	ug/l #	100
77) Bromobenzene	12.52	156	934524	136.989	ug/l	99
78) n-propylbenzene	12.59	91	3975048	137.807	ug/l	100
79) 2-Chlorotoluene	12.67	91	2328755	129.194	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2949697	129.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	311362	154.976	ug/l	96
82) 4-Chlorotoluene	12.77	91	2364842	138.145	ug/l	99
83) tert-Butylbenzene	12.99	119	2518683	126.252	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2946190	135.697	ug/l	100
85) sec-Butylbenzene	13.17	105	3408533	133.517	ug/l	100
86) p-Isopropyltoluene	13.28	119	3131455	137.483	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1590826	145.208	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1563454	147.525	ug/l	99
89) n-Butylbenzene	13.61	91	2705002	154.930	ug/l	100
90) Hexachloroethane	13.87	117	536087	136.095	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1537634	140.011	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	166787	140.257	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jul 26 03:12:32 2019
Response via : Initial Calibration

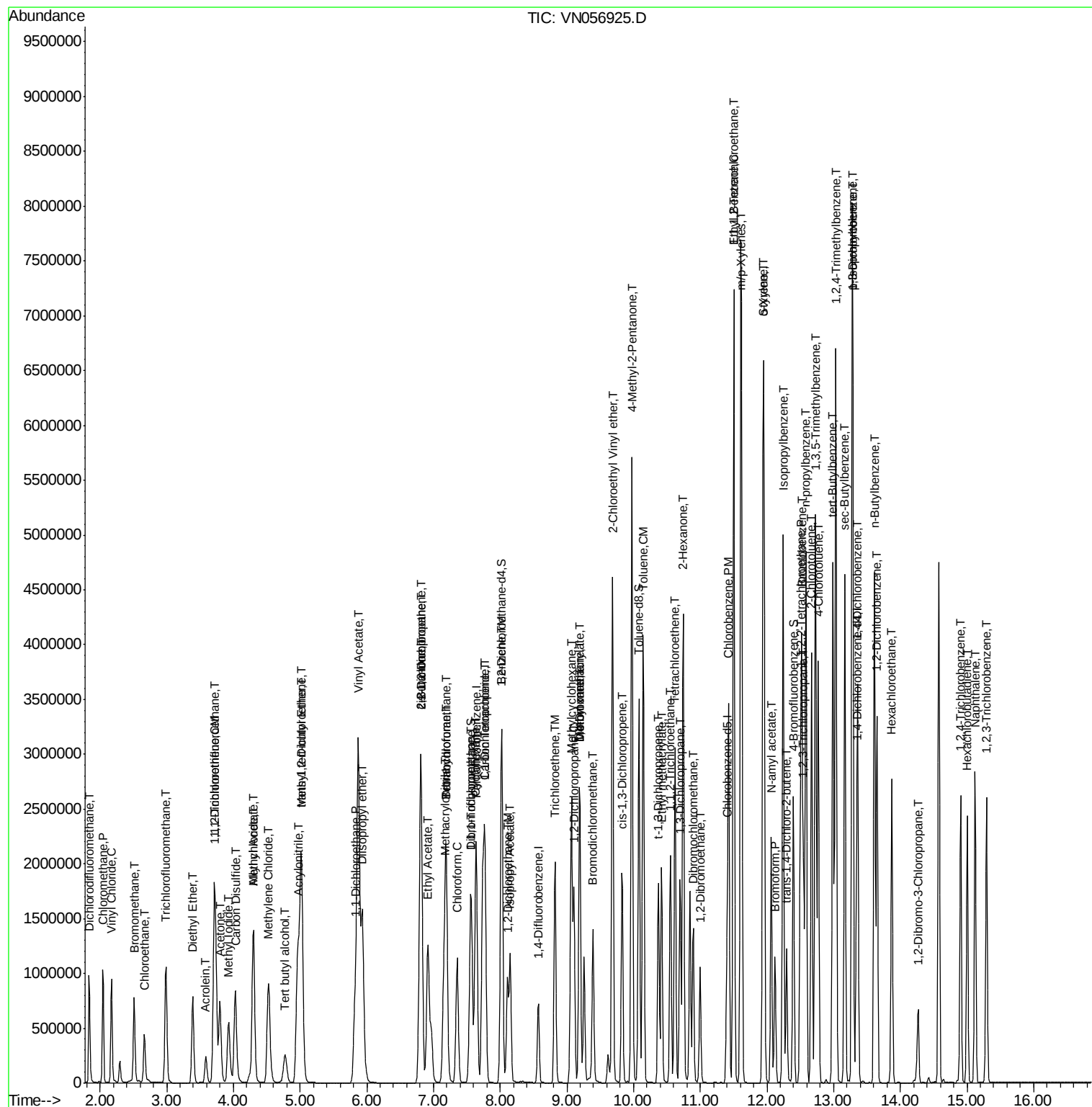
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	925506	195.949	ug/l	100
94) Hexachlorobutadiene	15.00	225	528424	122.373	ug/l	99
95) Naphthalene	15.12	128	2411924	194.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	938923	179.870	ug/l	99

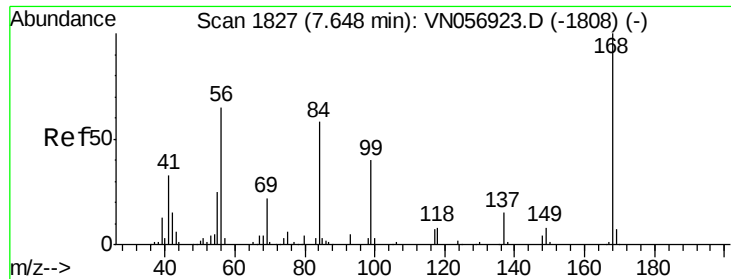
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072619\
Data File : VN056925.D
Acq On : 25 Jul 2019 16:12
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Quant Time: Jul 26 03:20:29 2019
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Quant Title : SW846 8260
QLast Update : Fri Jul 26 03:12:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

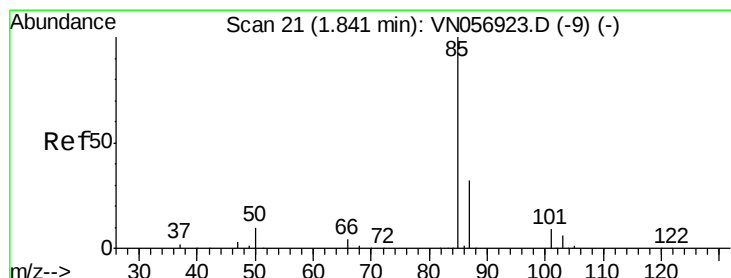
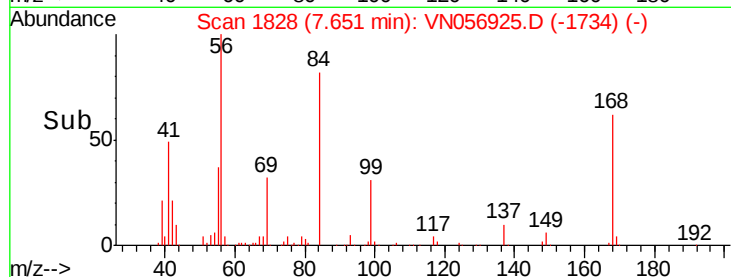
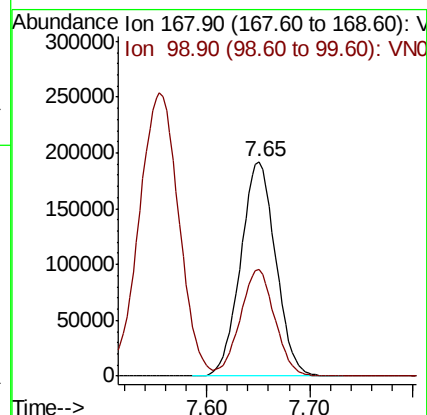
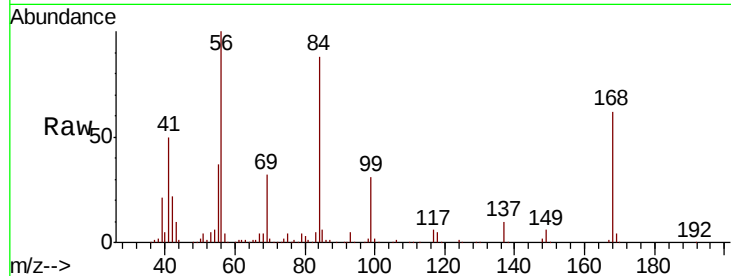
VSTDIC150

Tot Ion:168 Resp: 454523

Ion Ratio Lower Upper

168 100

99 49.4 38.6 58.0



#2

Dichlorodifluoromethane

Concen: 160.128 ug/l

RT: 1.84 min Scan# 20

Delta R.T. -0.00 min

Lab File: VN056925.D

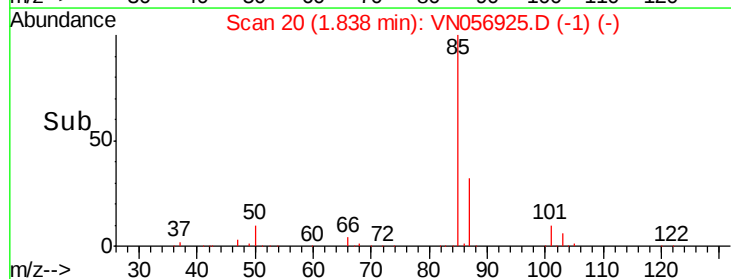
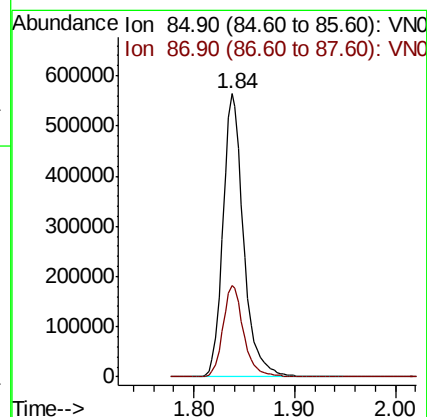
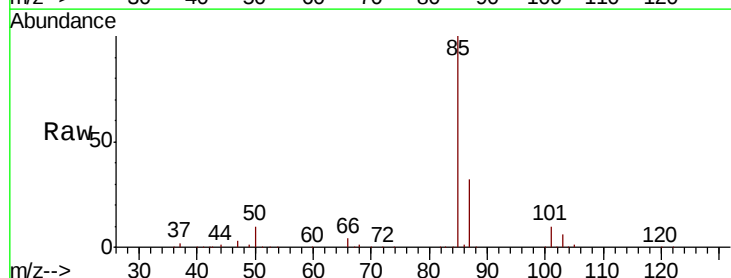
Acq: 25 Jul 2019 16:12

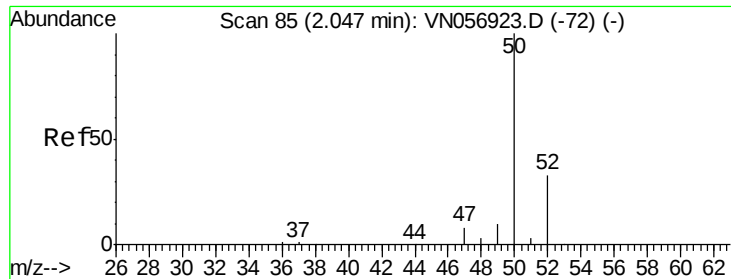
Tgt Ion: 85 Resp: 803280

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5

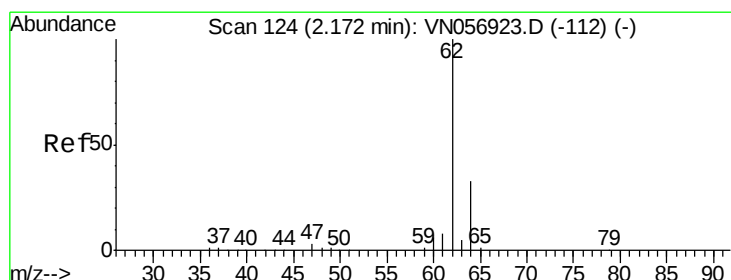
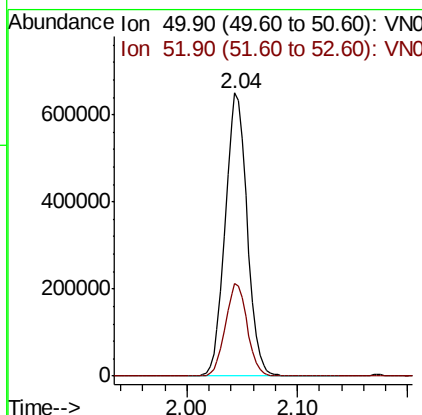
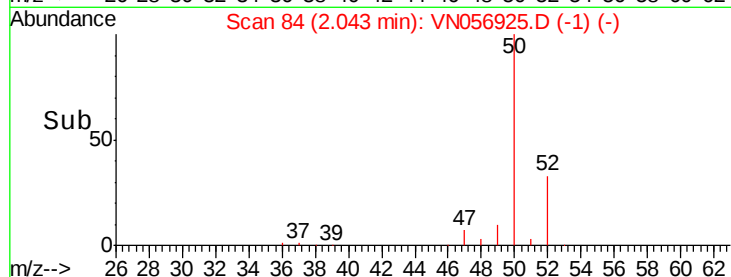
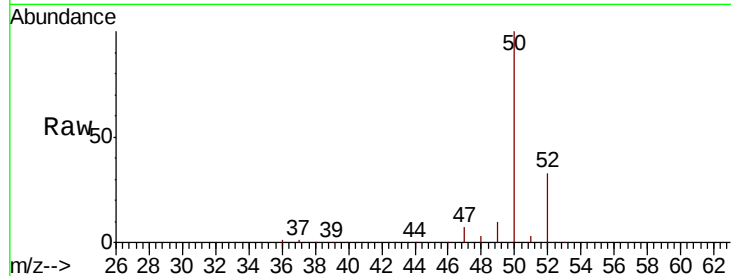




#3
 Chloromethane
 Concen: 143.268 ug/l
 RT: 2.04 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

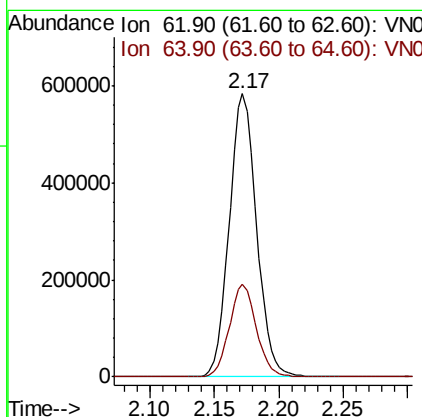
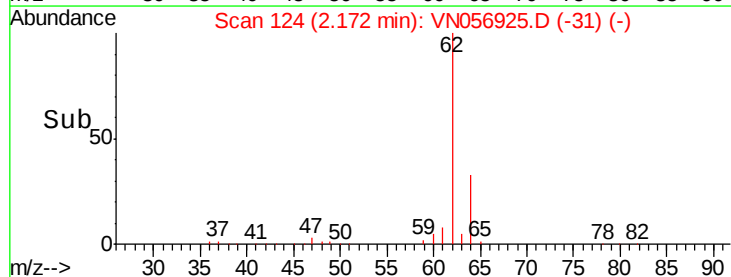
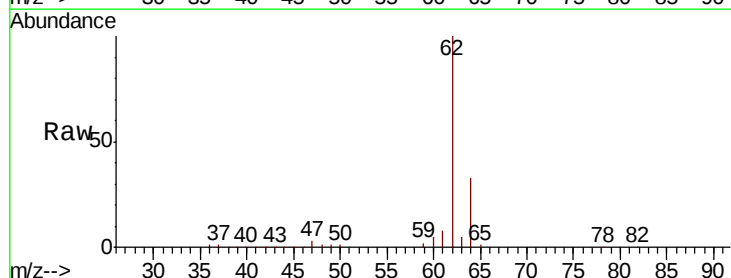
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

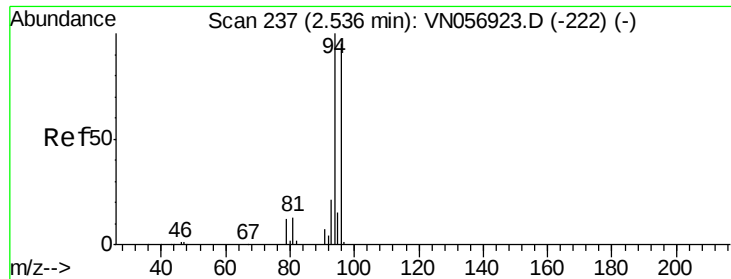
Tot Ion: 50 Resp: 897377
 Ion Ratio Lower Upper
 50 100
 52 32.6 26.8 40.2



#4
 Vinyl Chloride
 Concen: 149.151 ug/l
 RT: 2.17 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion: 62 Resp: 857754
 Ion Ratio Lower Upper
 62 100
 64 32.6 26.4 39.6





#5

Bromomethane

Concen: 146.604 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.02 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

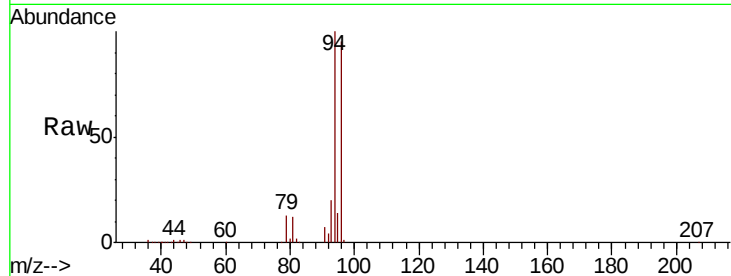
VSTDIC150

Tot Ion: 94 Resp: 515572

Ion Ratio Lower Upper

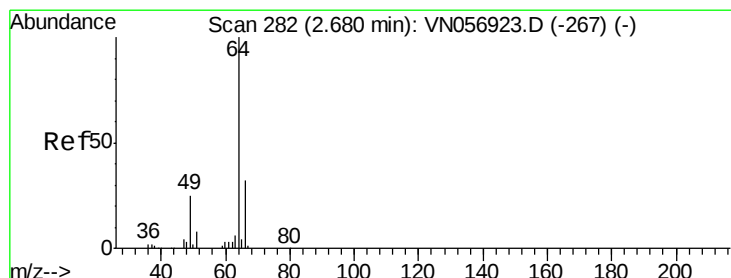
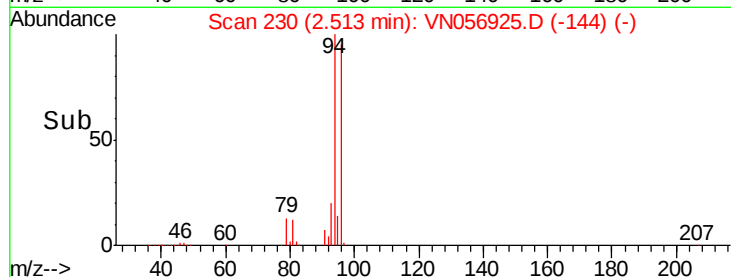
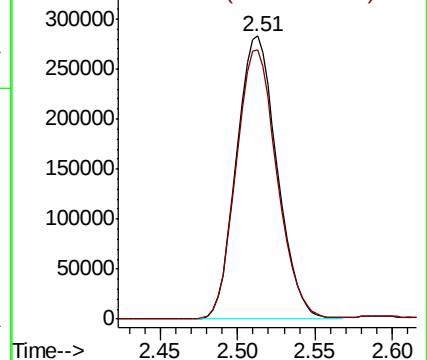
94 100

96 95.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 138.149 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.01 min

Lab File: VN056925.D

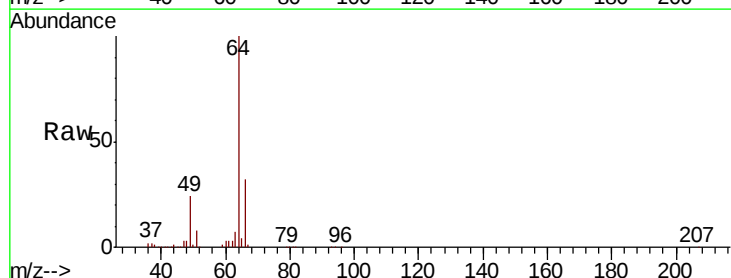
Acq: 25 Jul 2019 16:12

Tgt Ion: 64 Resp: 439115

Ion Ratio Lower Upper

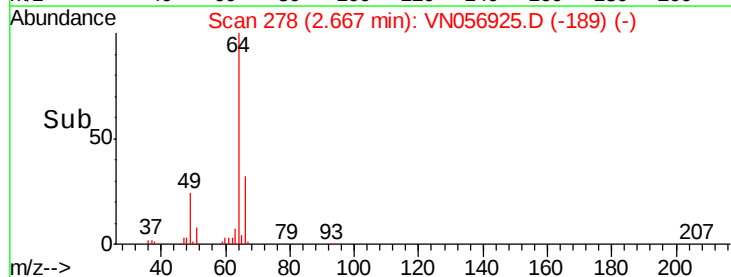
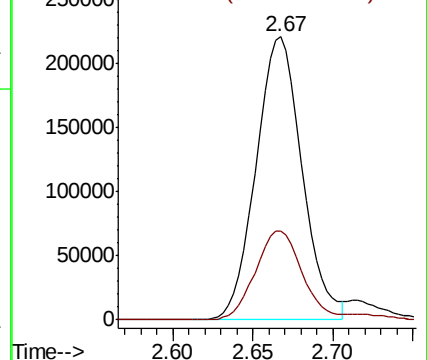
64 100

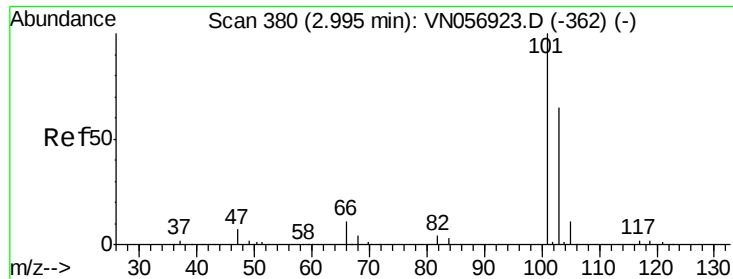
66 31.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



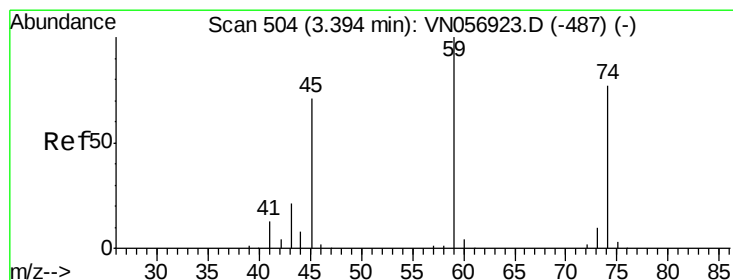
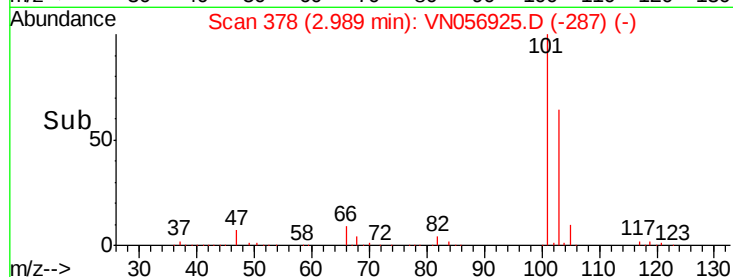
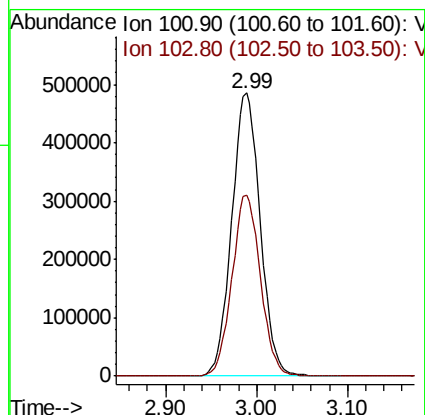
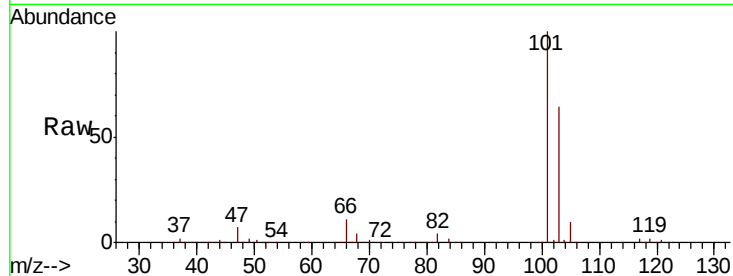


#7

Trichlorofluoromethane
 Concen: 146.934 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Instrument :
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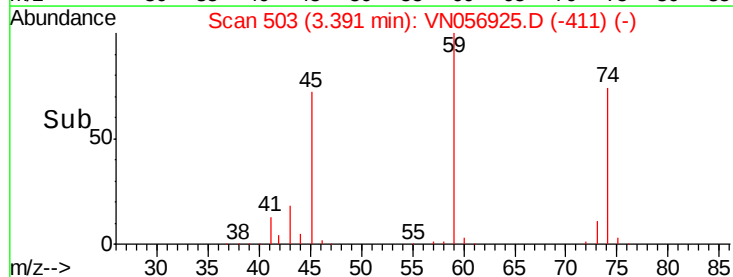
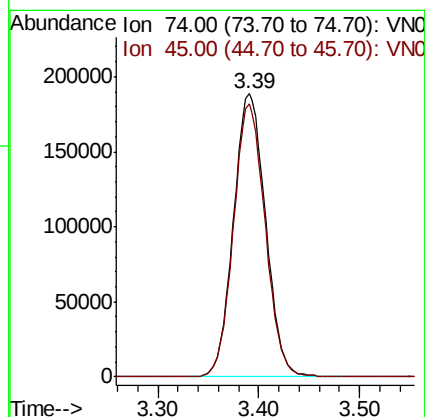
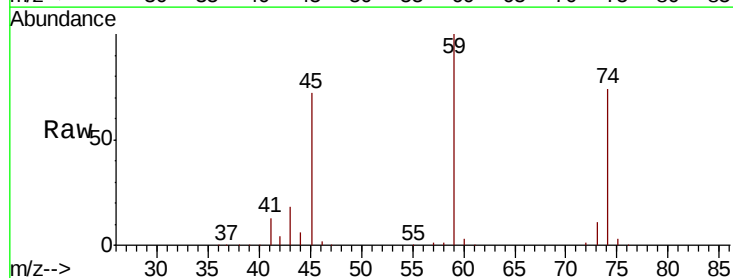
Tot Ion:101 Resp: 1054049
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.0 78.0

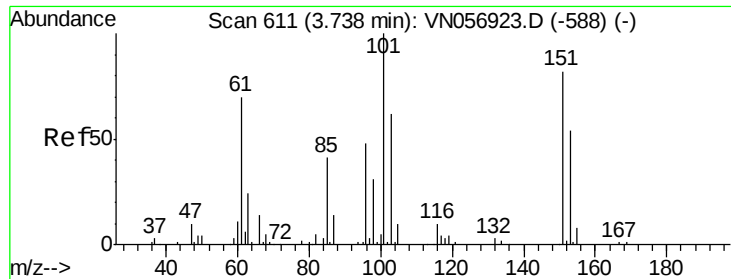


#8

Diethyl Ether
 Concen: 155.261 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion: 74 Resp: 416822
 Ion Ratio Lower Upper
 74 100
 45 95.3 48.1 144.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.031 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

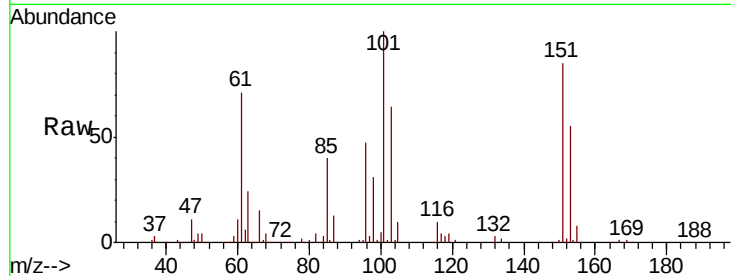
Tot Ion:101 Resp: 644634

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

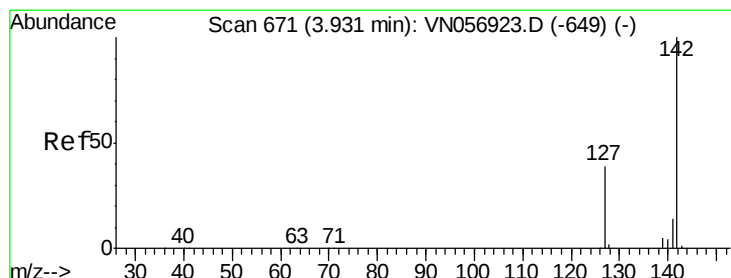
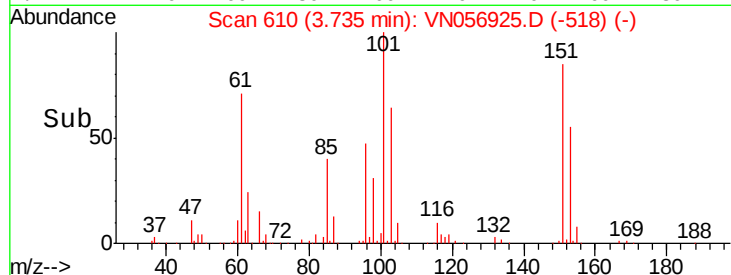
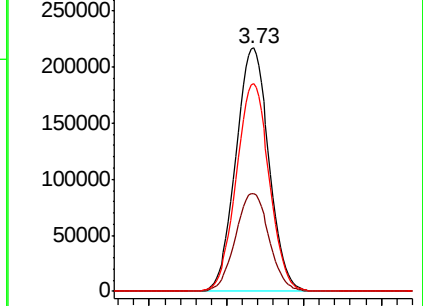
151 85.1 67.4 101.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 170.341 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

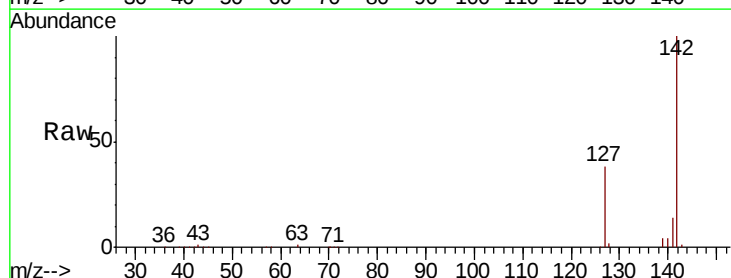
Tgt Ion:142 Resp: 1007131

Ion Ratio Lower Upper

142 100

127 38.3 30.5 45.7

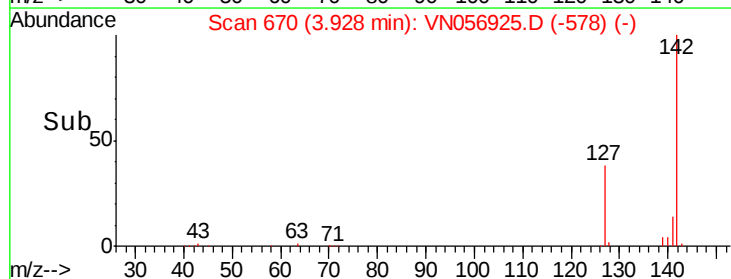
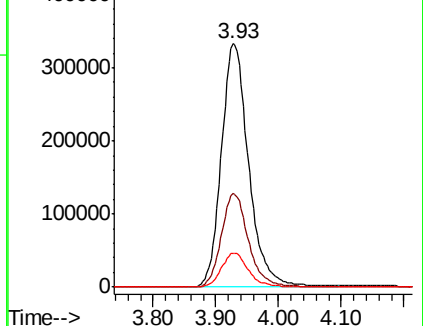
141 13.8 11.1 16.7

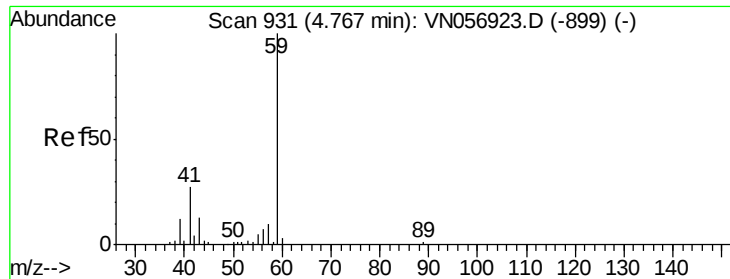


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



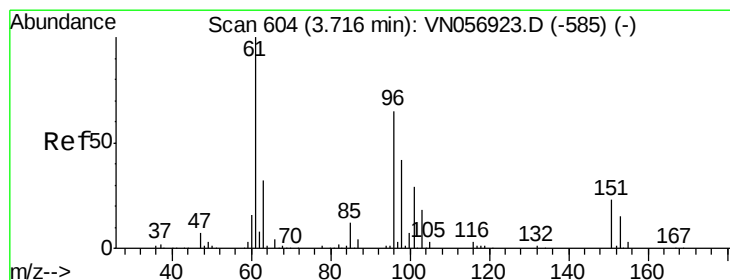
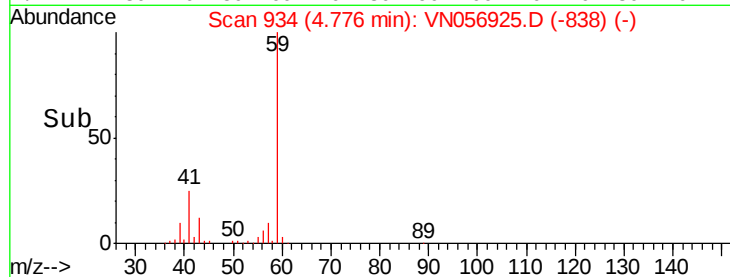
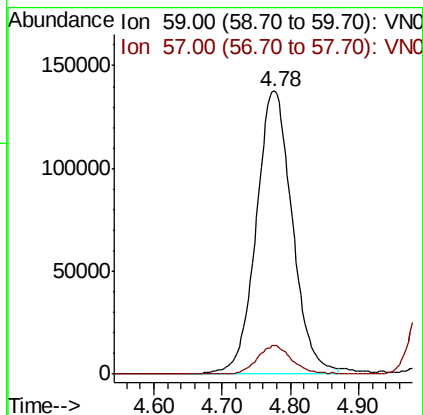
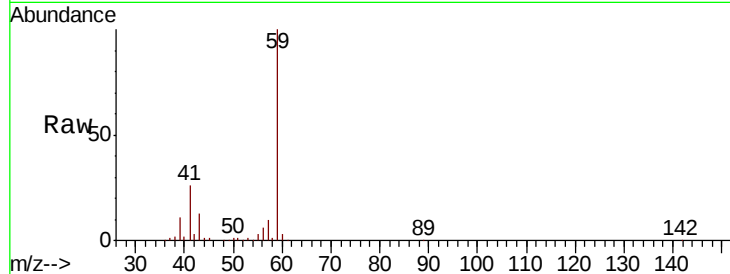


#11

Tert butyl alcohol
 Concen: 746.084 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

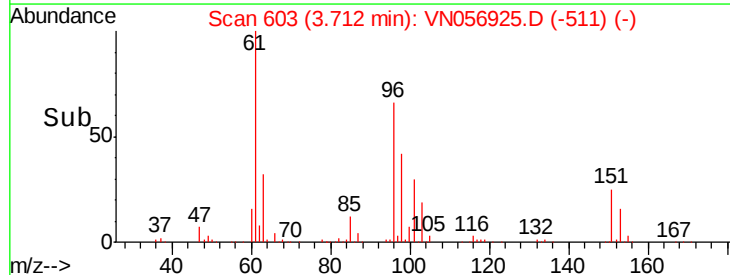
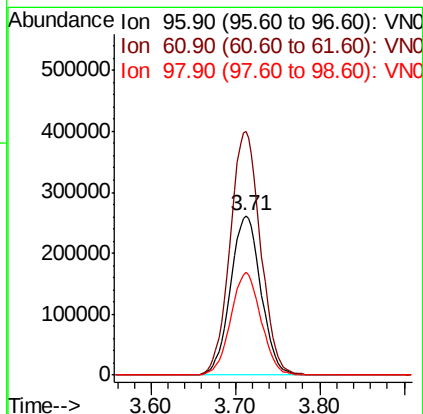
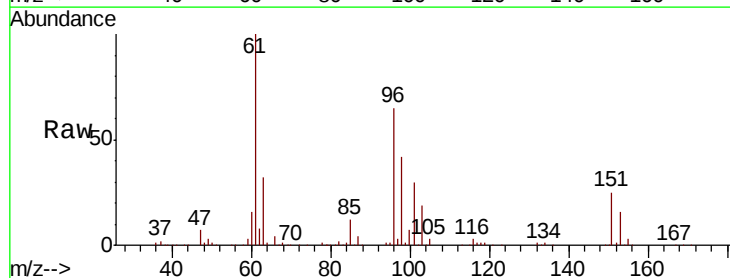
Tot Ion: 59 Resp: 506181
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.6 11.4

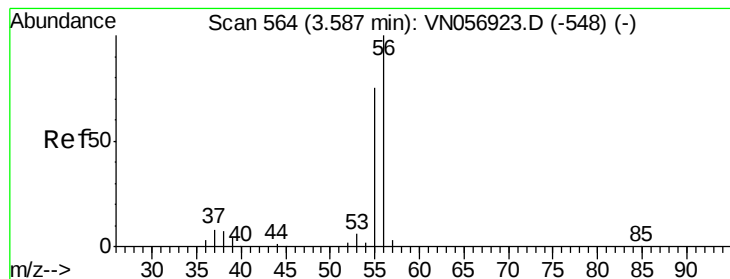


#12

1,1-Dichloroethene
 Concen: 149.280 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion: 96 Resp: 658114
 Ion Ratio Lower Upper
 96 100
 61 152.8 122.4 183.6
 98 64.3 51.3 76.9





#13

Acrolein

Concen: 537.269 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

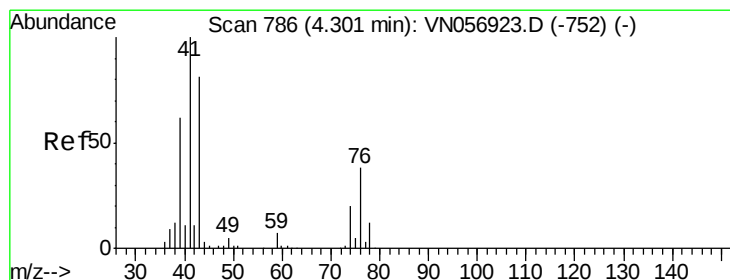
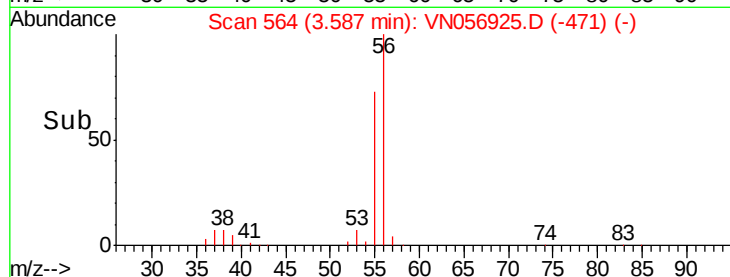
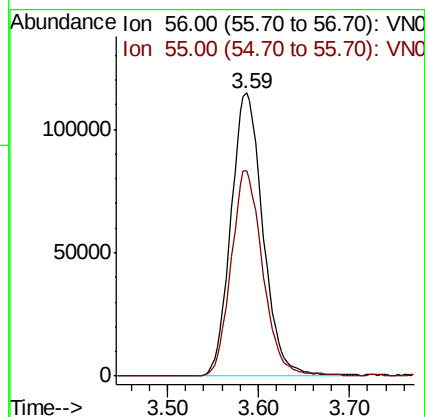
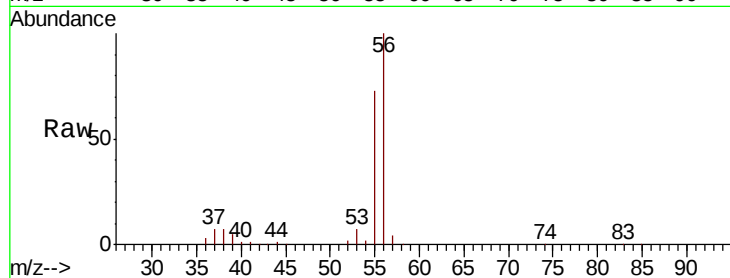
VSTDIC150

Tot Ion: 56 Resp: 280589

Ion Ratio Lower Upper

56 100

55 71.5 57.5 86.3



#14

Allyl chloride

Concen: 150.867 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

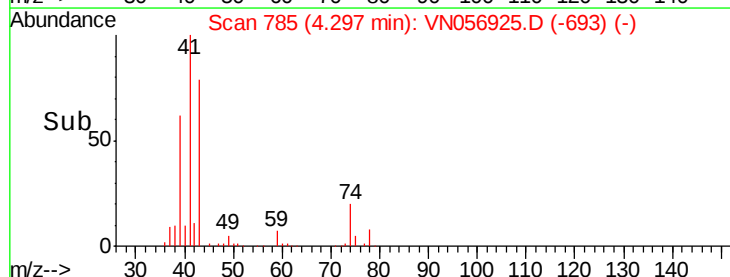
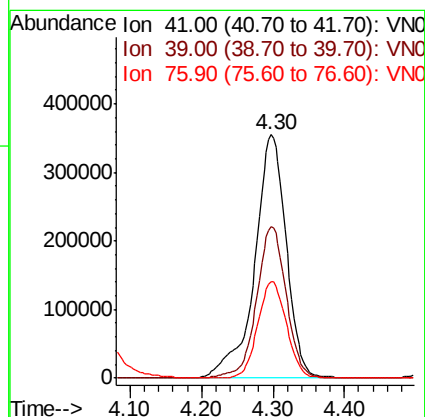
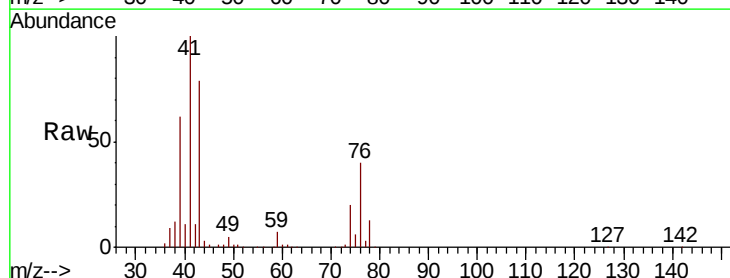
Tgt Ion: 41 Resp: 1091462

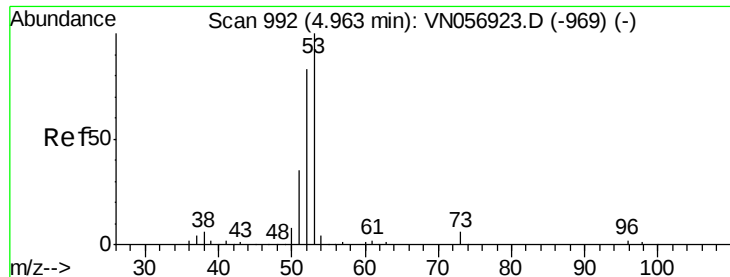
Ion Ratio Lower Upper

41 100

39 58.5 47.5 71.3

76 35.9 28.0 42.0





#15

Acrylonitrile

Concen: 758.381 ug/l

RT: 4.96 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

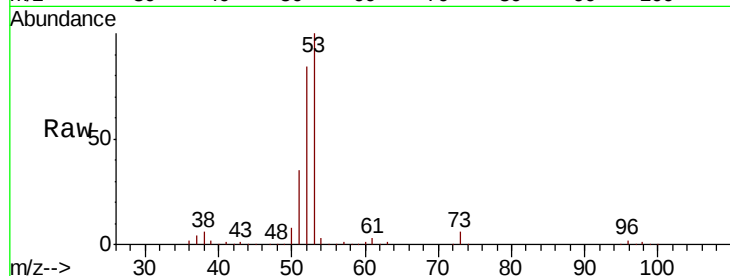
Tot Ion: 53 Resp: 1558979

Ion Ratio Lower Upper

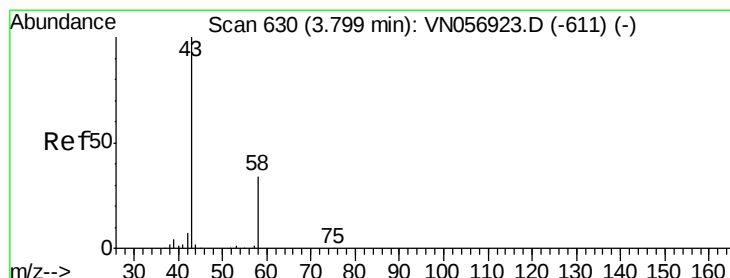
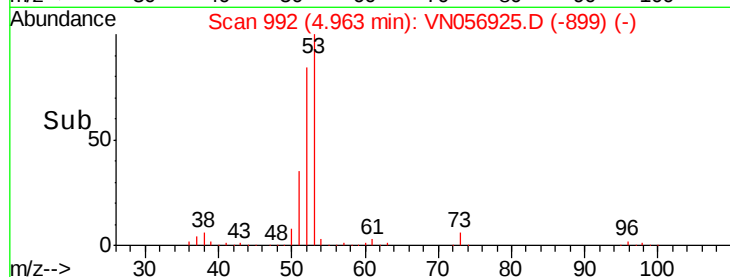
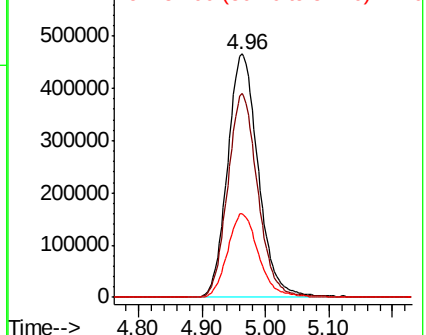
53 100

52 81.9 65.5 98.3

51 34.9 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 692.152 ug/l

RT: 3.80 min Scan# 630

Delta R.T. -0.00 min

Lab File: VN056925.D

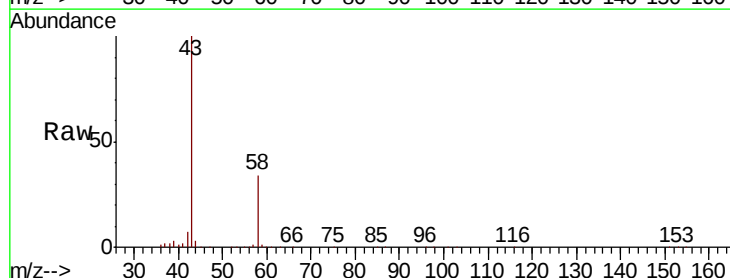
Acq: 25 Jul 2019 16:12

Tgt Ion: 43 Resp: 1219915

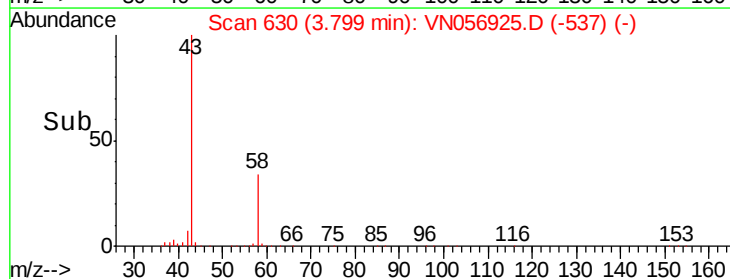
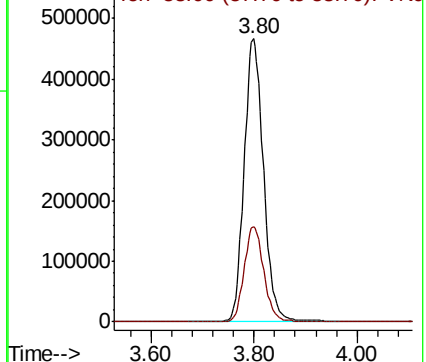
Ion Ratio Lower Upper

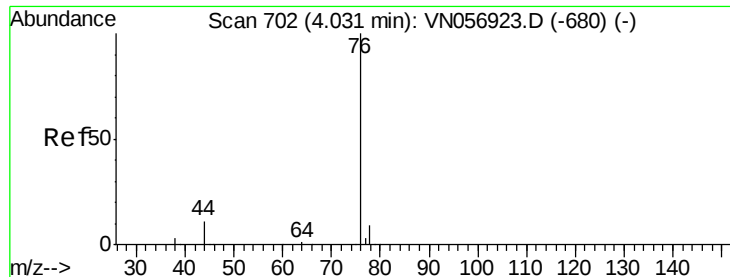
43 100

58 33.7 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

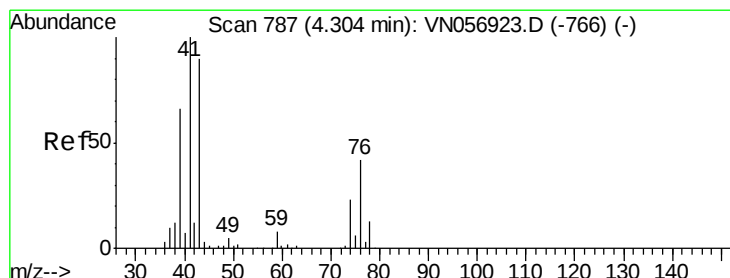
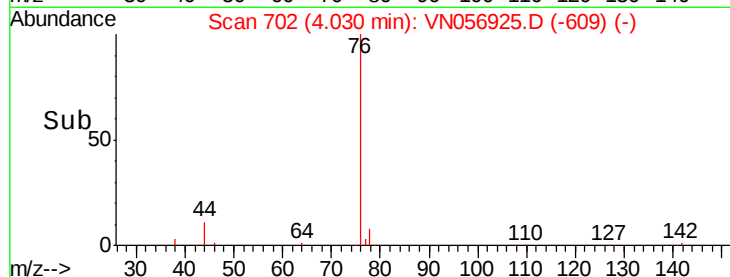
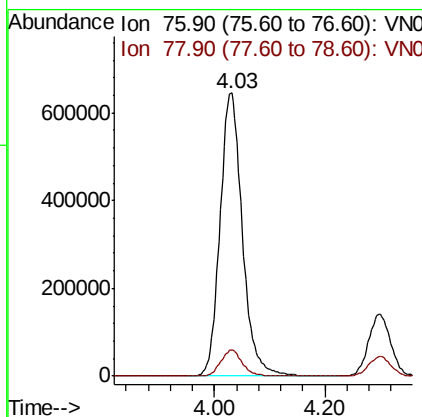
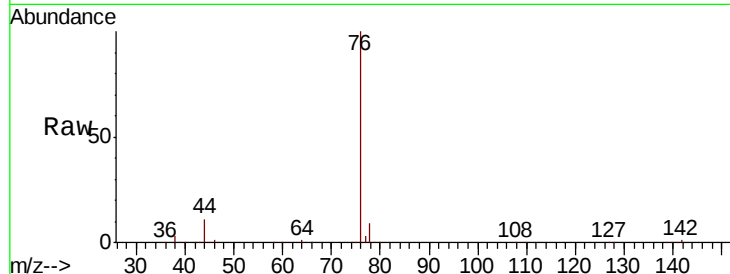




#17
Carbon Disulfide
Concen: 150.580 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

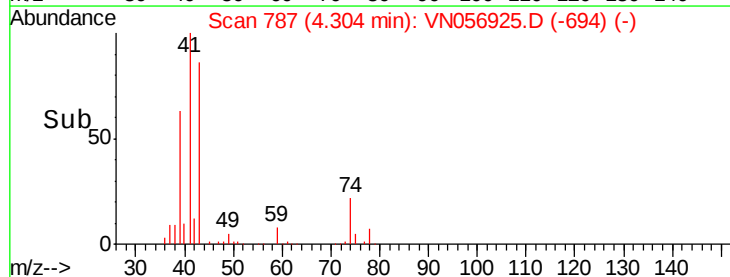
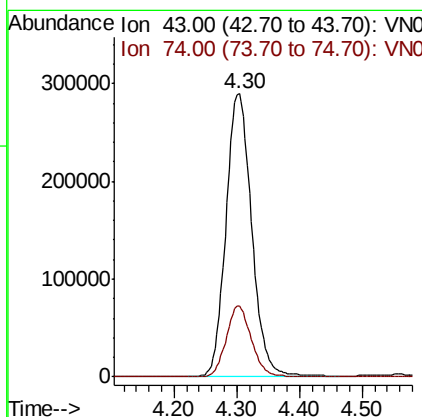
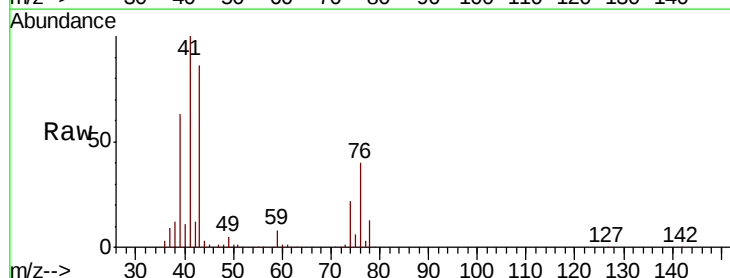
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

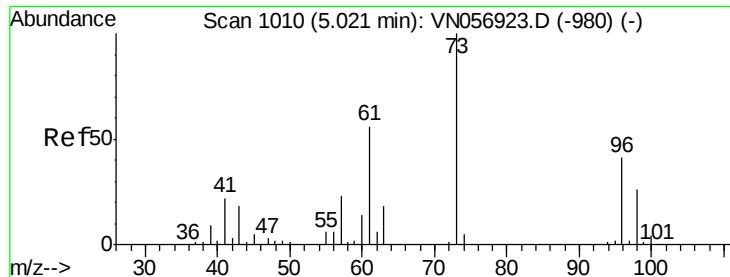
Tot Ion: 76 Resp: 1802694
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 120.582 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 43 Resp: 819947
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.0

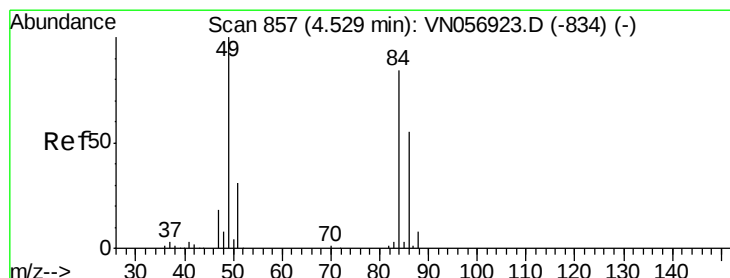
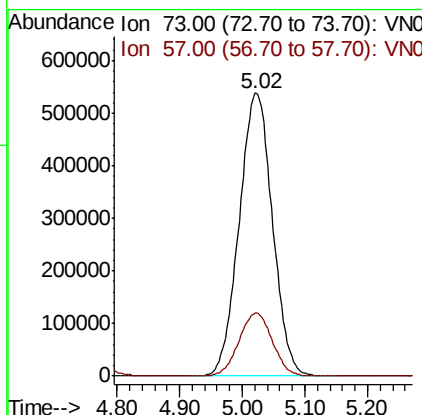
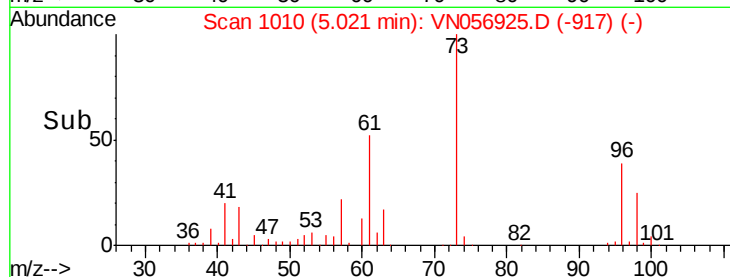
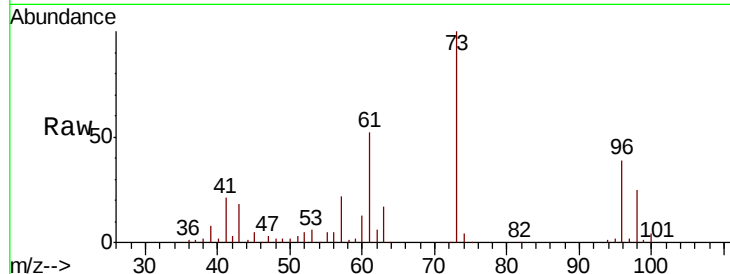




#19
Methvl tert-butvl Ether
Concen: 152.545 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

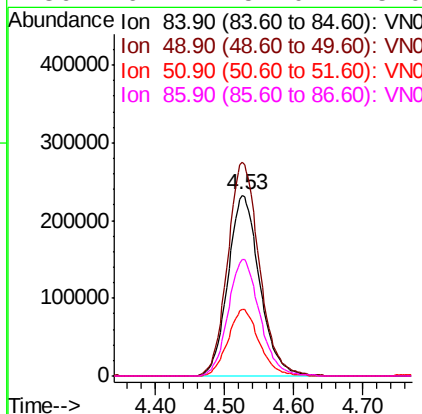
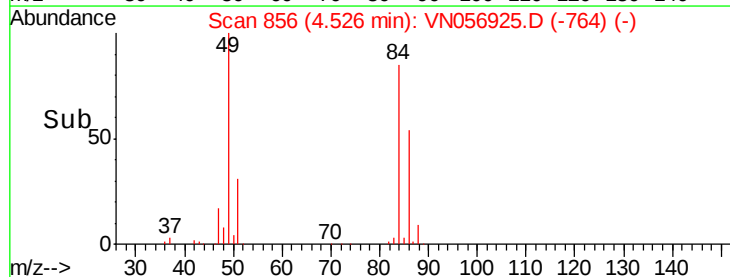
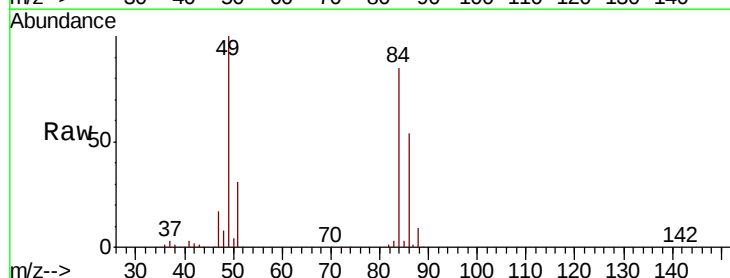
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

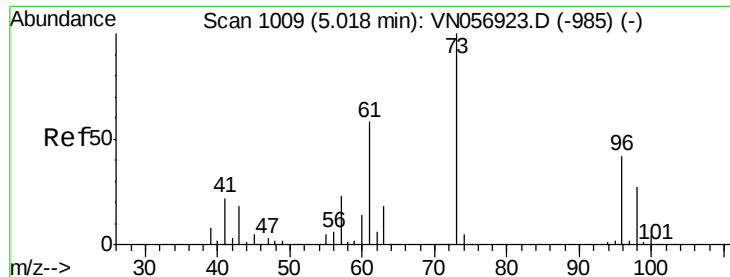
Tot Ion: 73 Resp: 1983036
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 142.709 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 84 Resp: 741490
Ion Ratio Lower Upper
84 100
49 118.2 95.0 142.6
51 37.2 29.8 44.8
86 64.1 52.0 78.0

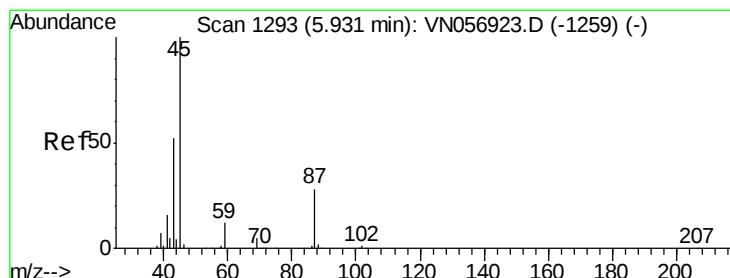
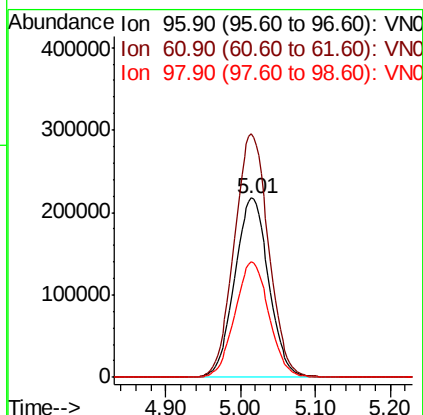
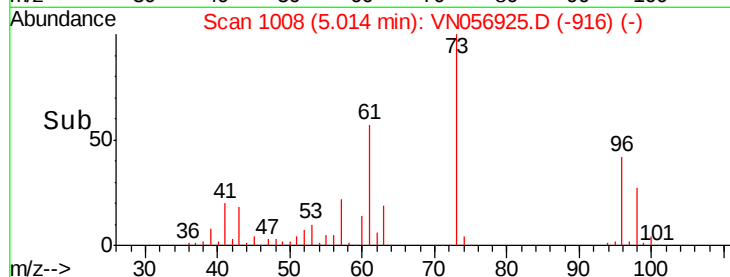
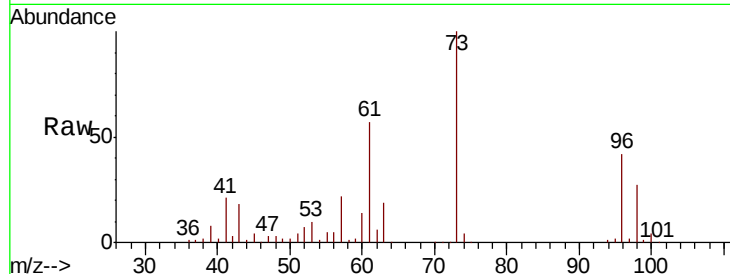




#21
trans-1,2-Dichloroethene
Concen: 149.588 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

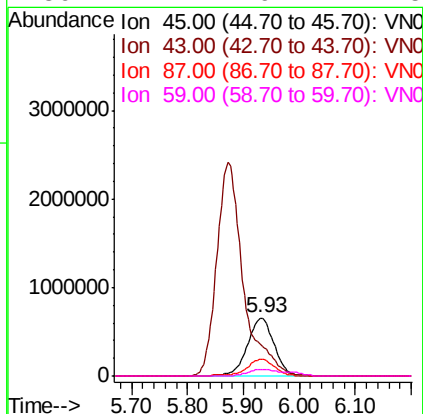
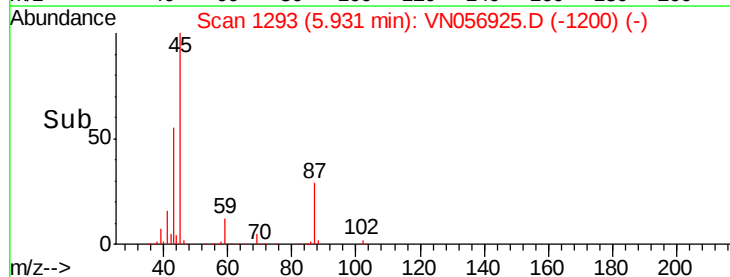
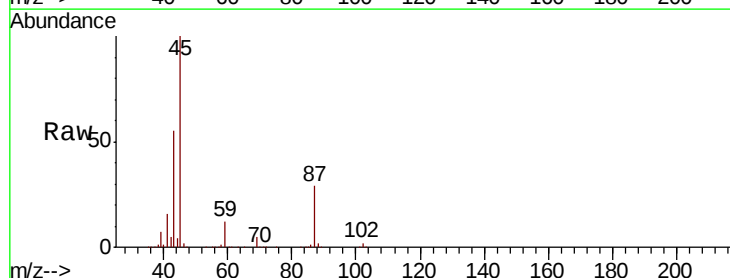
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

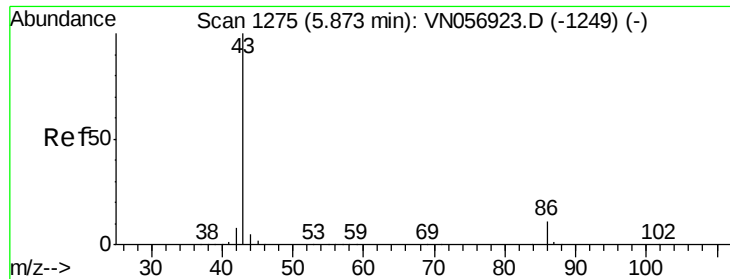
Tot Ion: 96 Resp: 689088
Ion Ratio Lower Upper
96 100
61 135.6 109.9 164.9
98 64.1 51.0 76.4



#22
Diisopropyl ether
Concen: 148.290 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 45 Resp: 2167666
Ion Ratio Lower Upper
45 100
43 54.3 44.7 67.1
87 28.5 23.1 34.7
59 12.1 9.7 14.5





#23

Vinyl Acetate

Concen: 762.735 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

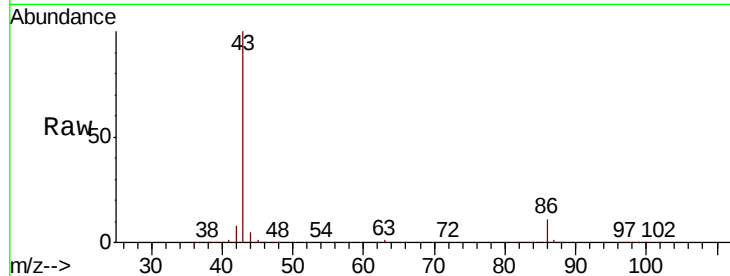
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 8005034

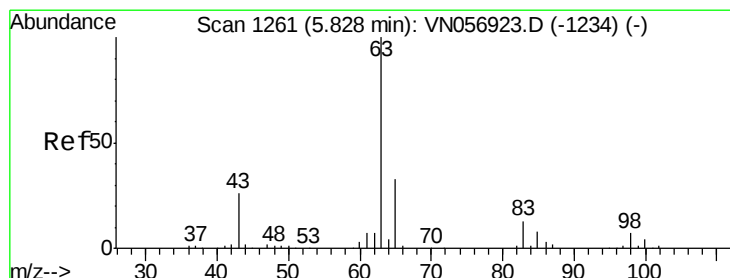
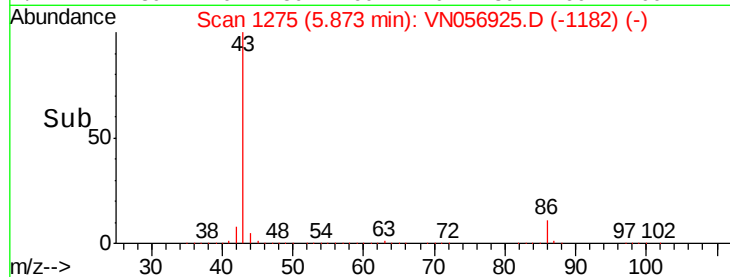
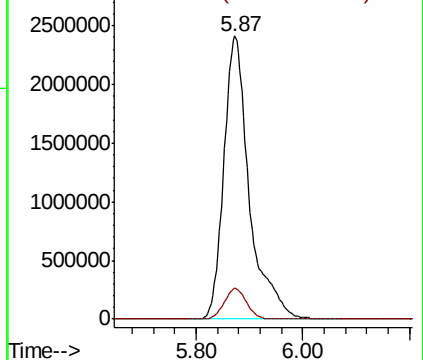
Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 148.078 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

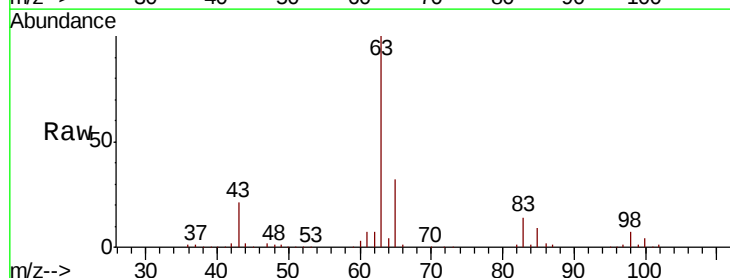
Tgt Ion: 63 Resp: 1256240

Ion Ratio Lower Upper

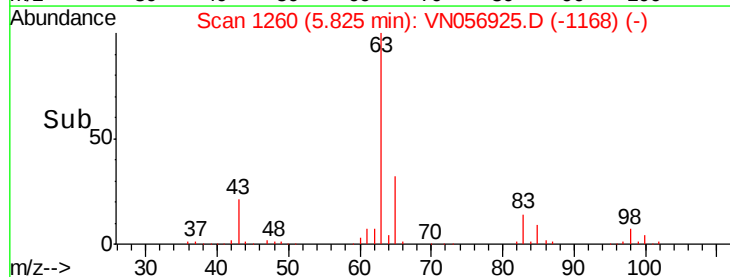
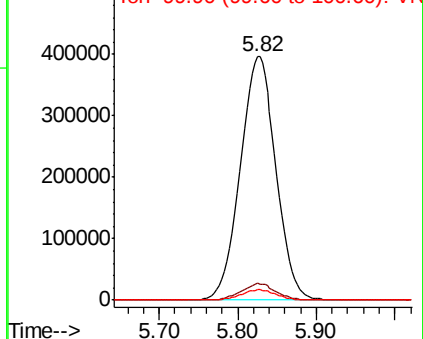
63 100

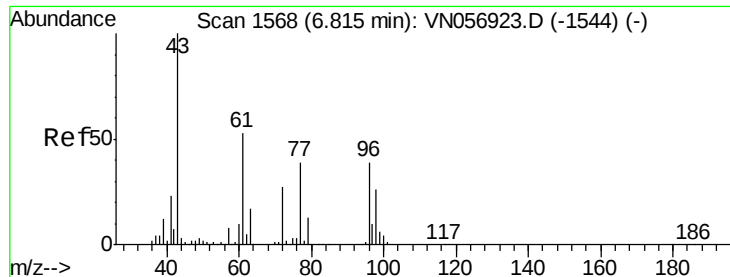
98 6.8 3.4 10.1

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0

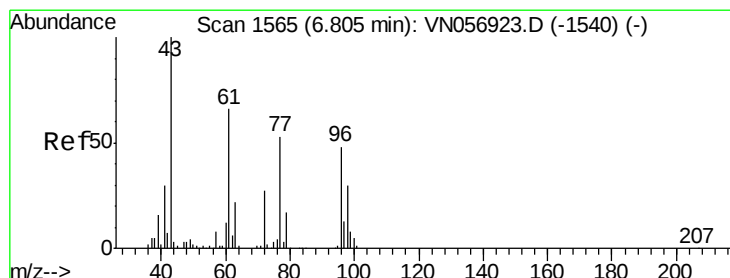
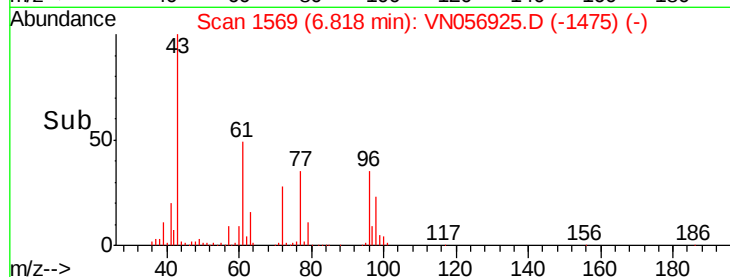
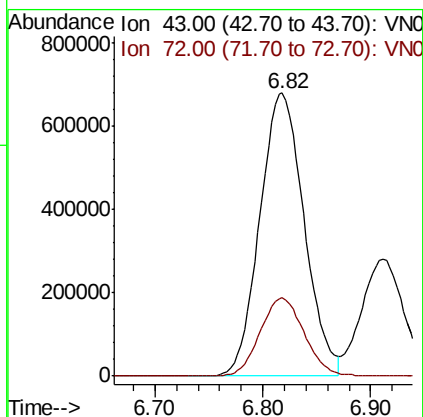
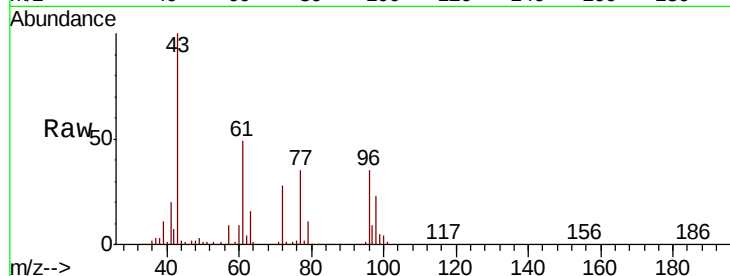




#25
 2-Butanone
 Concen: 755.325 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

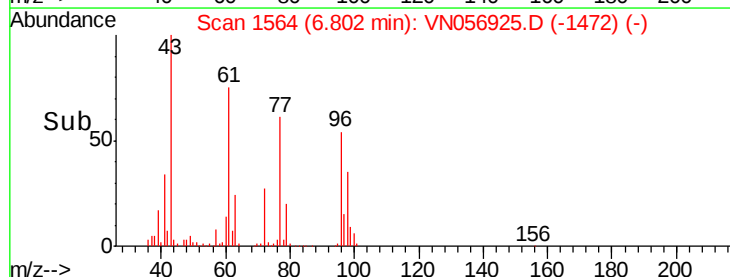
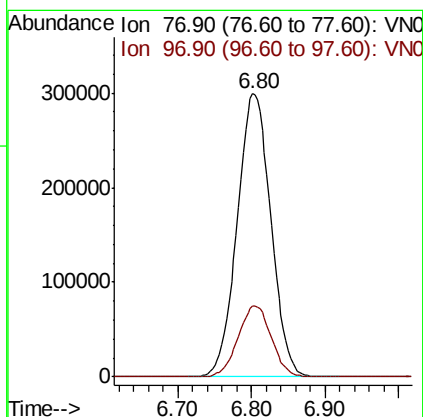
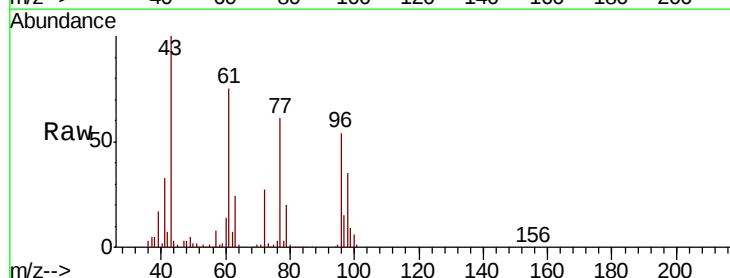
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

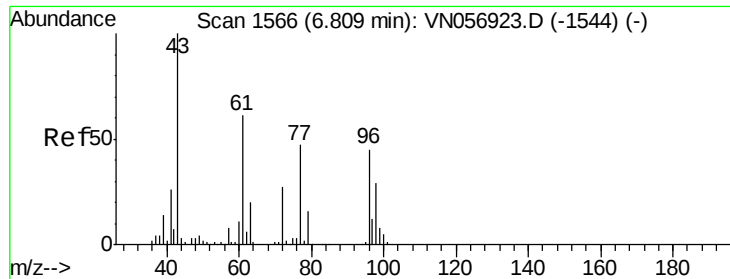
Tot Ion: 43 Resp: 1935728
 Ion Ratio Lower Upper
 43 100
 72 27.7 21.9 32.9



#26
 2,2-Dichloropropane
 Concen: 157.978 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion: 77 Resp: 951697
 Ion Ratio Lower Upper
 77 100
 97 24.8 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 151.664 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

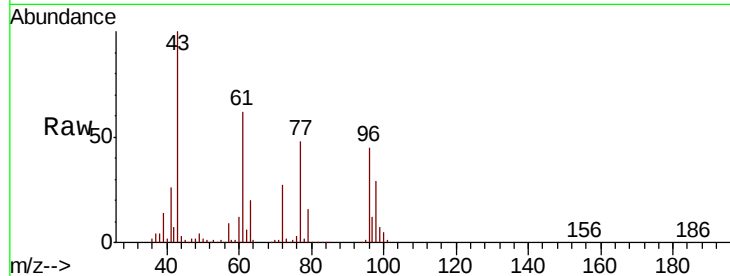
Tot Ion: 96 Resp: 803159

Ion Ratio Lower Upper

96 100

61 138.9 0.0 278.8

98 64.2 0.0 130.0

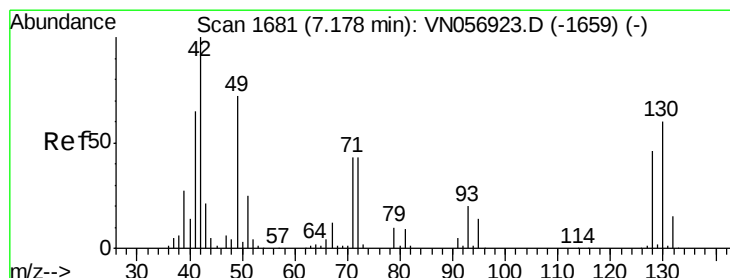
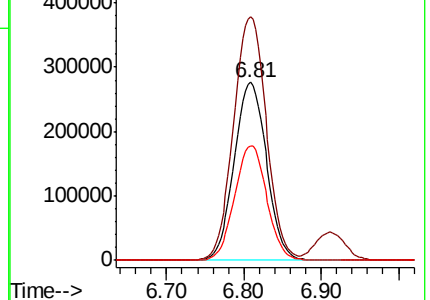
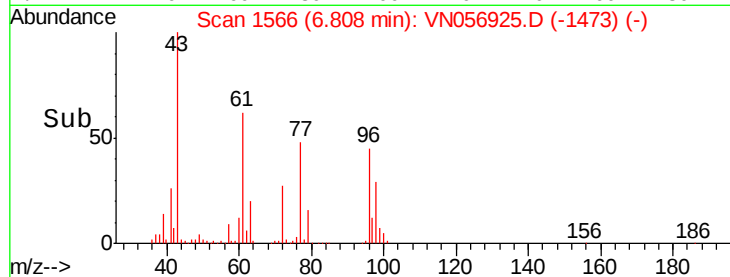


Abundance Ion 95.90 (95.60 to 96.60): VN056925.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN056925.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN056925.D (-1544) (-)

6.81



#28

Bromochloromethane

Concen: 147.524 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

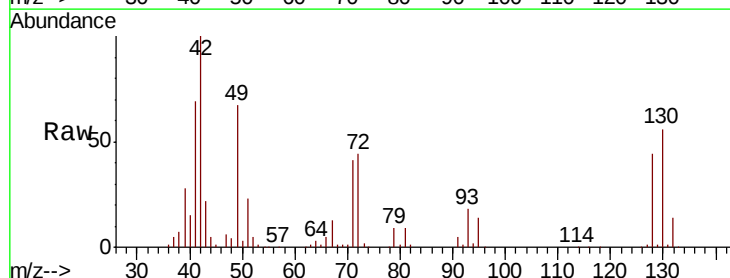
Tgt Ion: 49 Resp: 569373

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 84.3 67.3 100.9

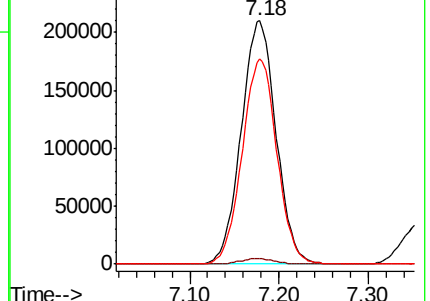
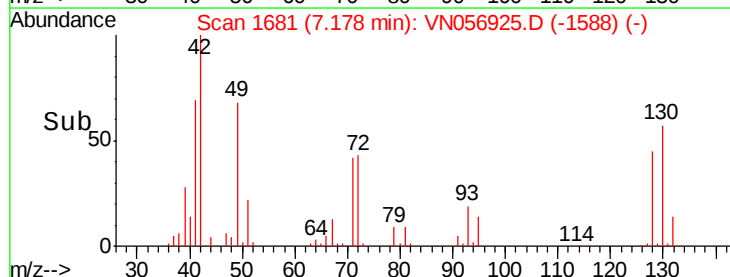


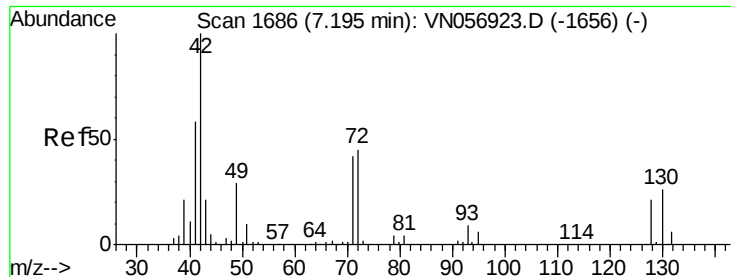
Abundance Ion 48.90 (48.60 to 49.60): VN056925.D (-1659) (-)

Ion 128.80 (128.50 to 129.50): VN056925.D (-1659) (-)

Ion 129.80 (129.50 to 130.50): VN056925.D (-1659) (-)

7.18

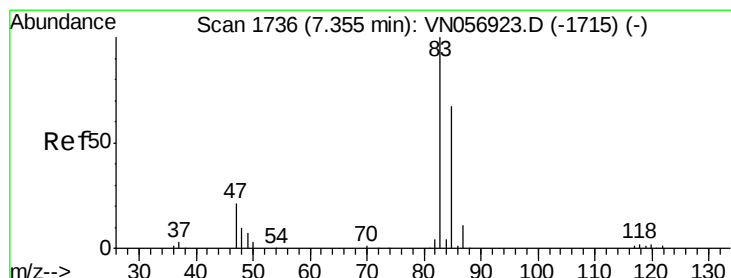
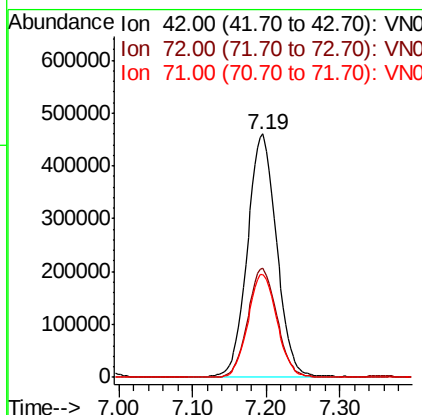
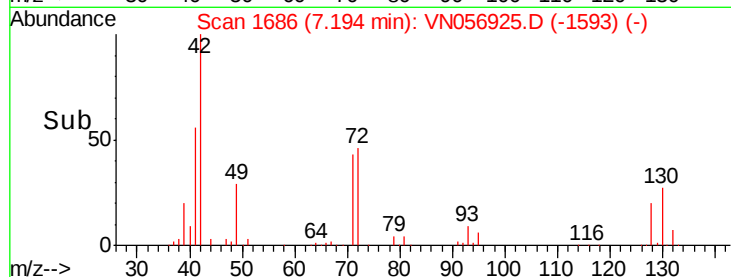
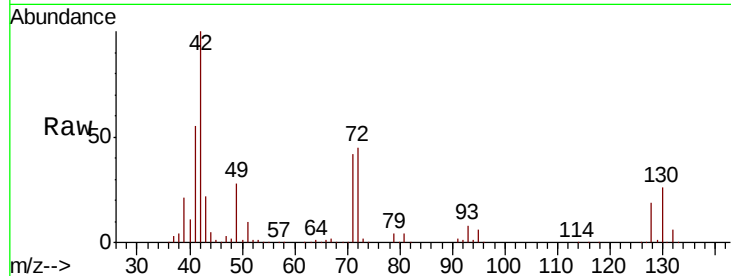




#29
Tetrahydrofuran
Concen: 730.277 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

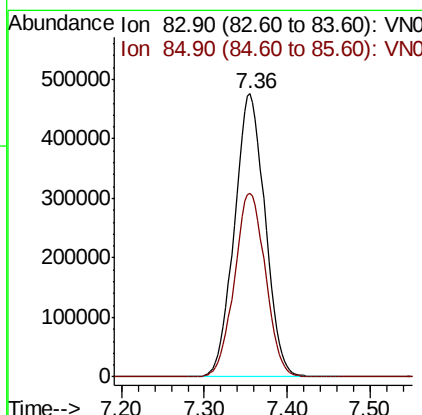
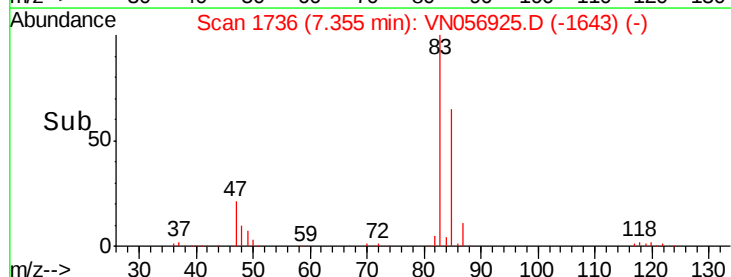
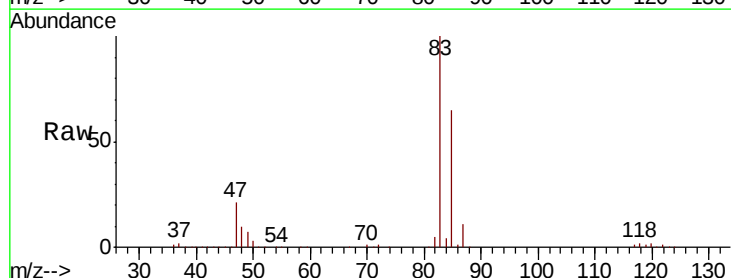
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

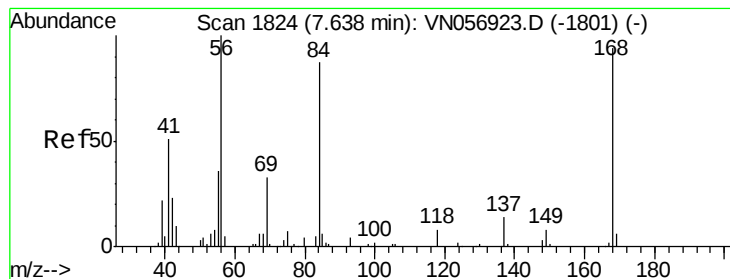
Tot Ion: 42 Resp: 1273427
Ion Ratio Lower Upper
42 100
72 44.6 35.5 53.3
71 42.3 33.0 49.6



#30
Chloroform
Concen: 143.542 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 83 Resp: 1223382
Ion Ratio Lower Upper
83 100
85 64.9 53.5 80.3





#31

Cyclohexane

Concen: 143.163 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

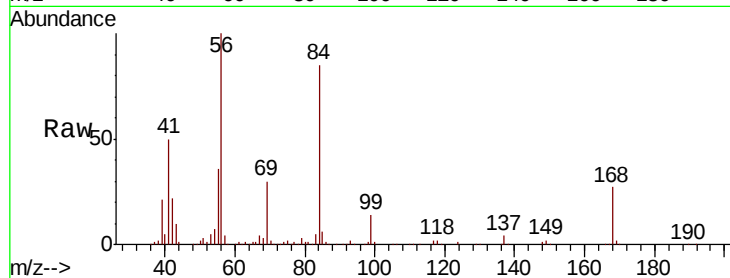
Tot Ion: 56 Resp: 1174578

Ion Ratio Lower Upper

56 100

69 30.4 26.3 39.5

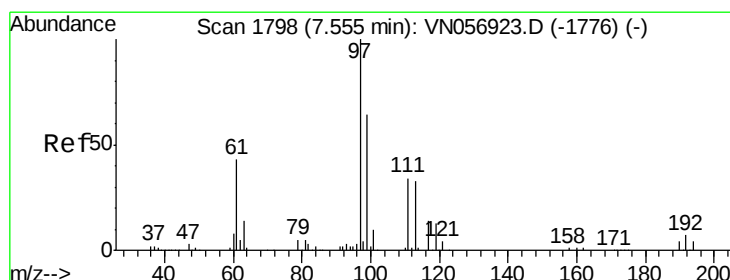
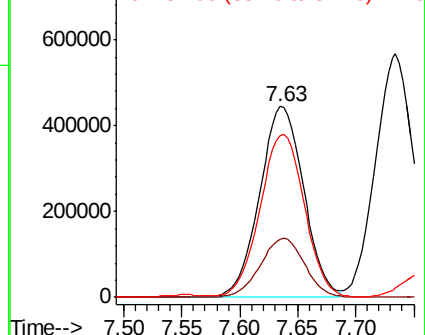
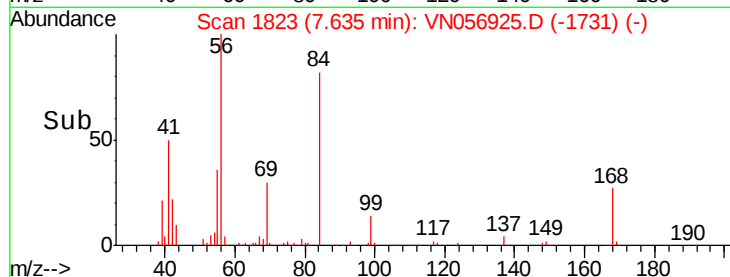
84 83.8 69.6 104.4



Abundance Ion 56.00 (55.70 to 56.70): VN056925.D (-1731) (-)

Ion 69.00 (68.70 to 69.70): VN056925.D (-1731) (-)

Ion 84.00 (83.70 to 84.70): VN056925.D (-1731) (-)



#32

1,1,1-Trichloroethane

Concen: 152.411 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

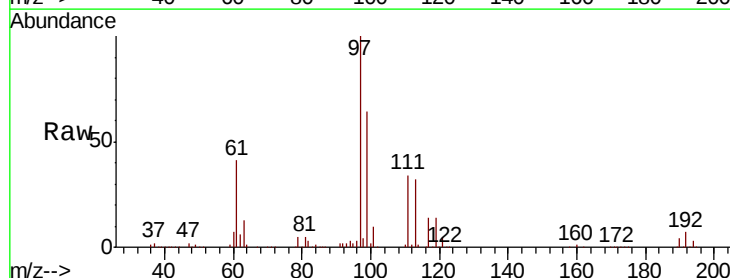
Tgt Ion: 97 Resp: 1050792

Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

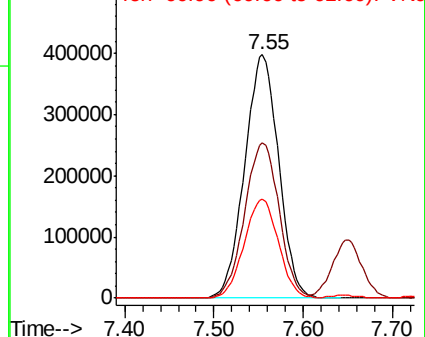
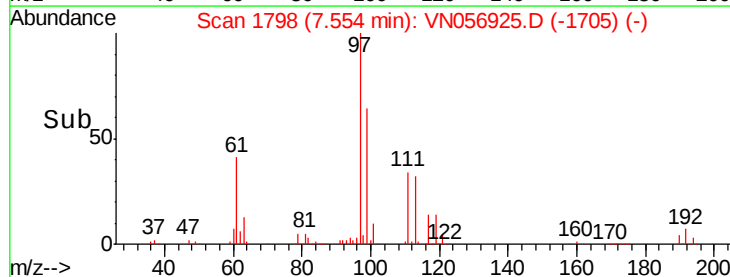
61 41.1 33.8 50.6

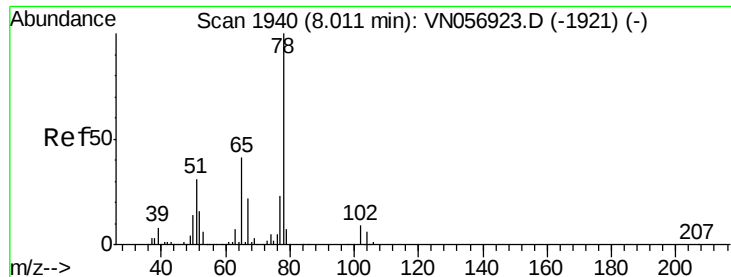


Abundance Ion 96.90 (96.60 to 97.60): VN056925.D (-1705) (-)

Ion 98.90 (98.60 to 99.60): VN056925.D (-1705) (-)

Ion 60.90 (60.60 to 61.60): VN056925.D (-1705) (-)





#33

1,2-Dichloroethane-d4

Concen: 143.885 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

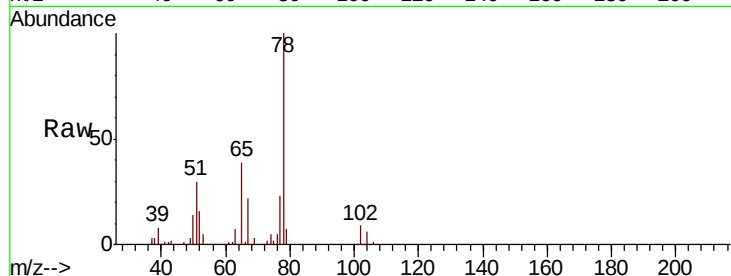
VSTDIC150

Tot Ion: 65 Resp: 704891

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN056925.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN056925.D (-1847) (-)

8.01

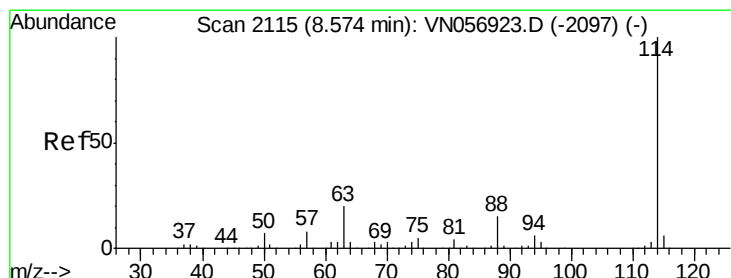
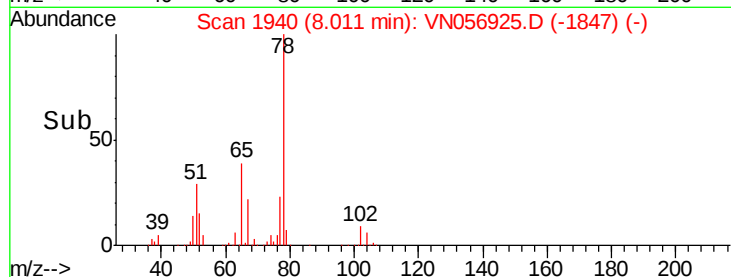
300000

200000

100000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

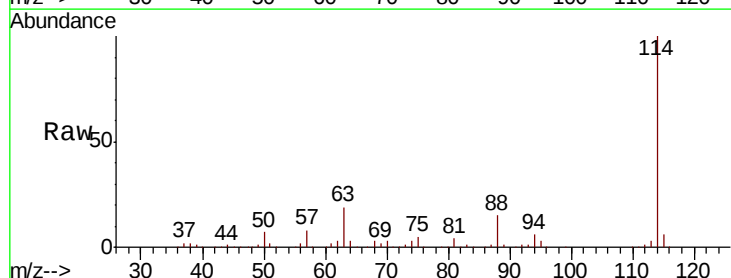
Tgt Ion: 114 Resp: 684819

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN056925.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN056925.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN056925.D (-2022) (-)

8.57

400000

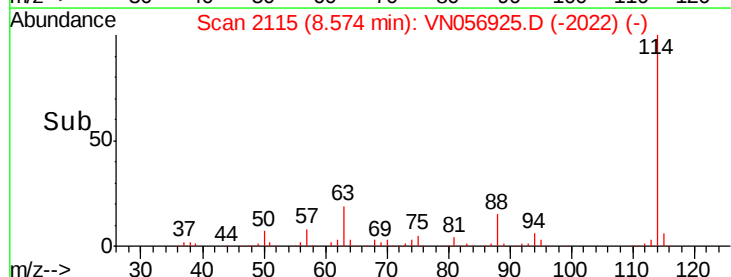
300000

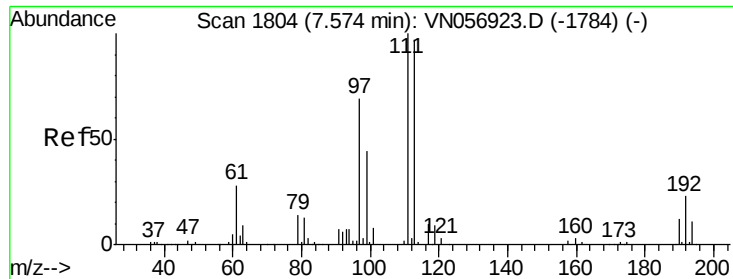
200000

100000

0

Time--> 8.50 8.55 8.60 8.65





#35

Dibromofluoromethane

Concen: 146.819 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

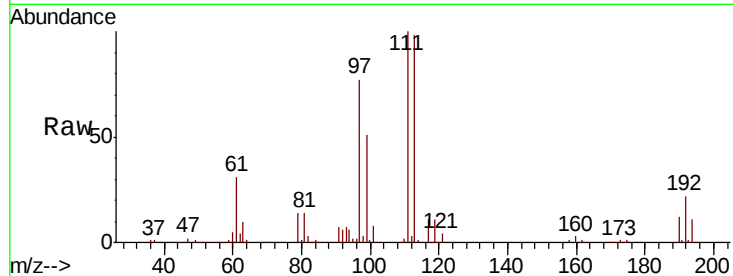
Tot Ion:113 Resp: 649855

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

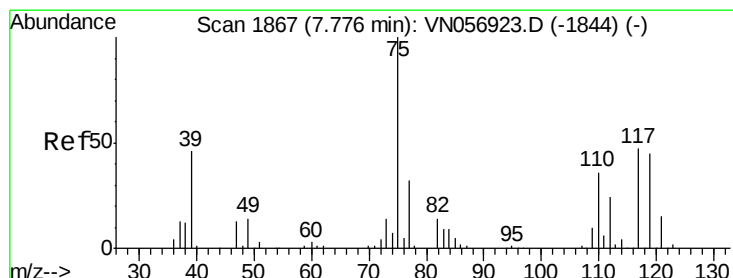
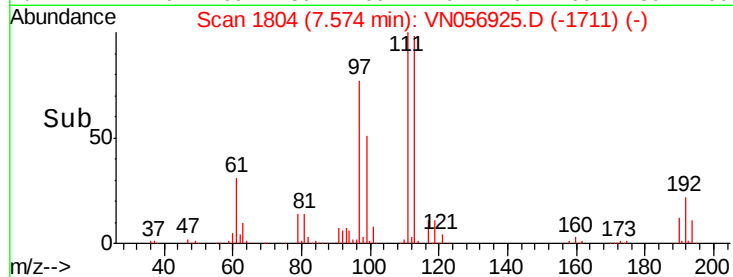
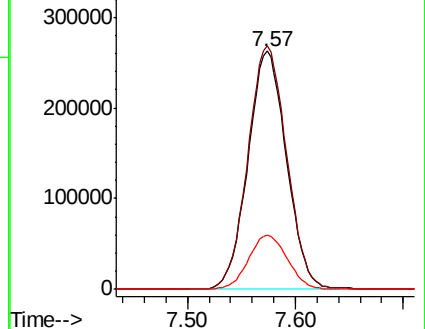
192 23.0 18.3 27.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 152.126 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

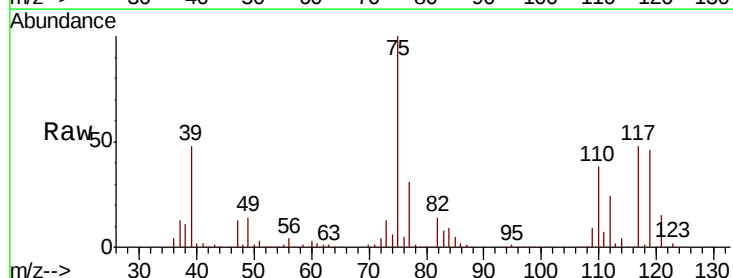
Tgt Ion: 75 Resp: 961083

Ion Ratio Lower Upper

75 100

110 37.2 18.9 56.9

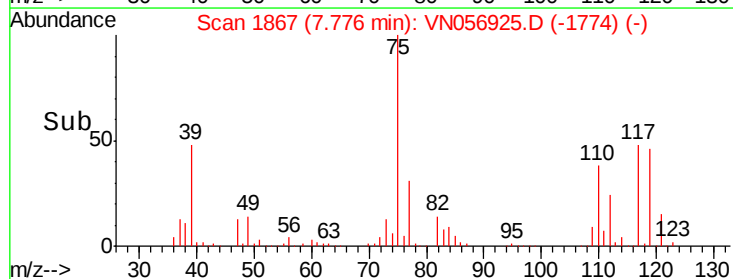
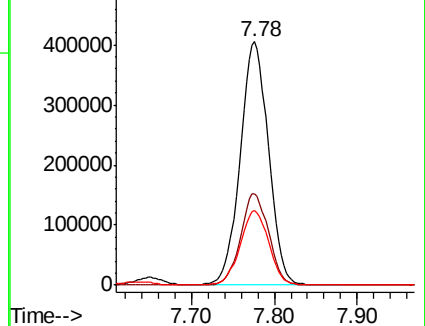
77 31.2 25.4 38.0

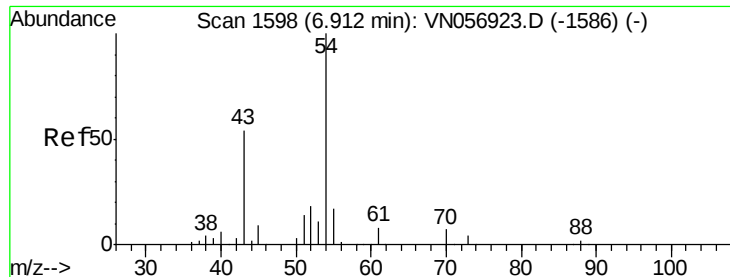


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO

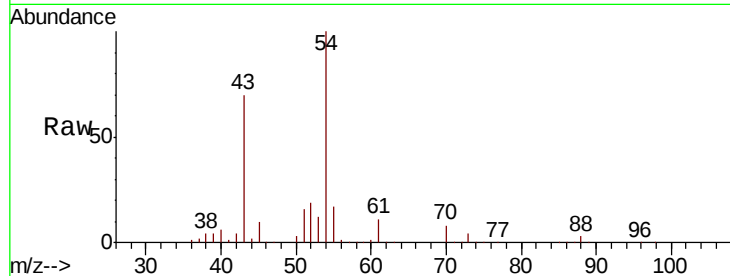




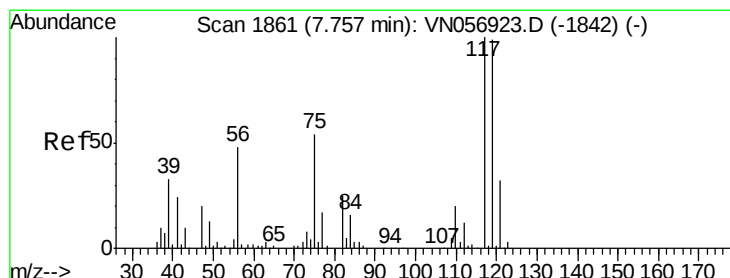
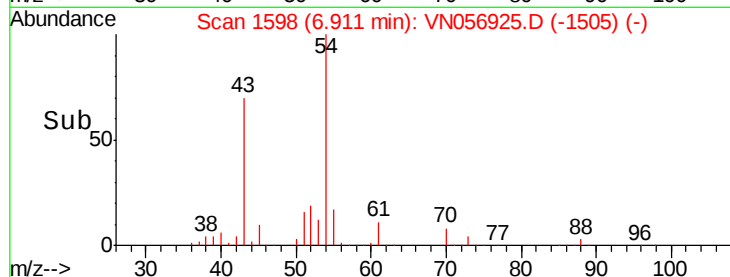
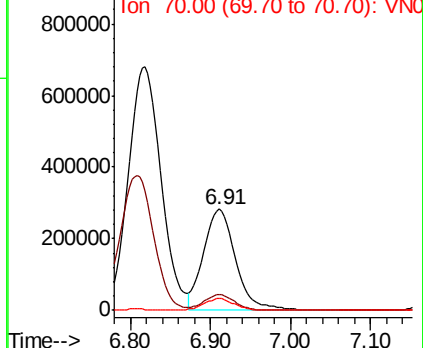
#37
Ethyl Acetate
Concen: 155.154 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 784701
Ion Ratio Lower Upper
43 100
61 15.1 11.9 17.9
70 11.1 8.8 13.2

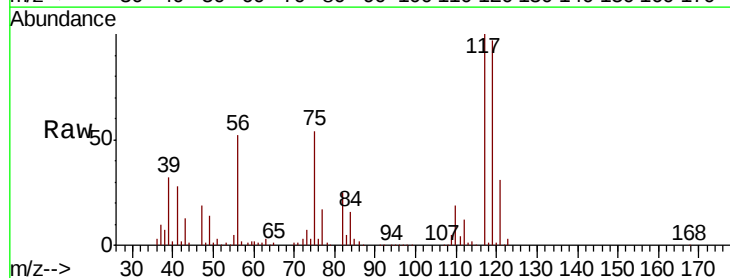


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

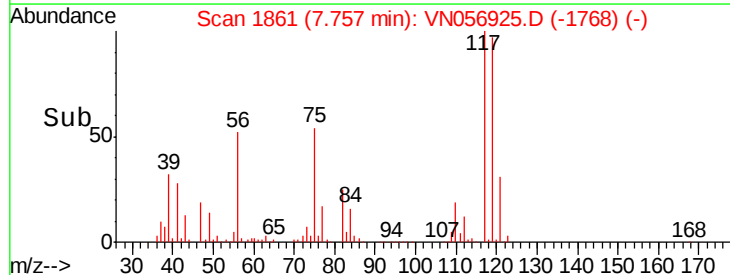
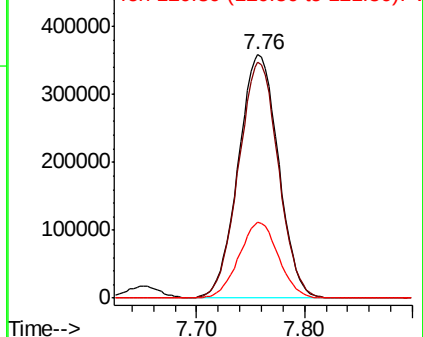


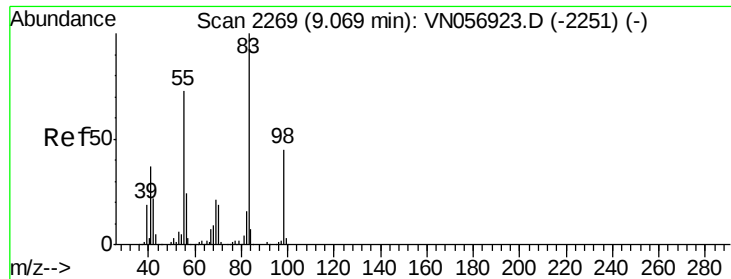
#38
Carbon Tetrachloride
Concen: 153.252 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 117 Resp: 924560
Ion Ratio Lower Upper
117 100
119 97.1 79.0 118.6
121 31.1 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

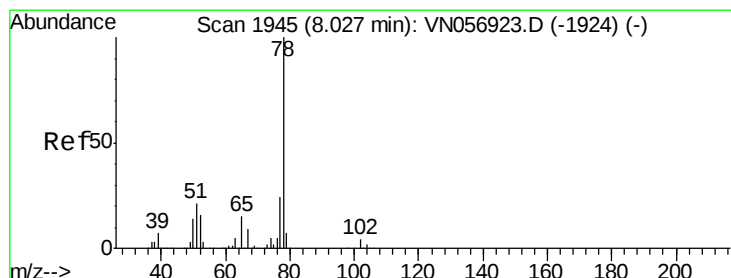
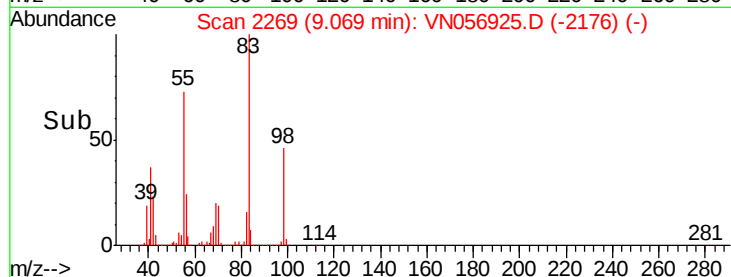
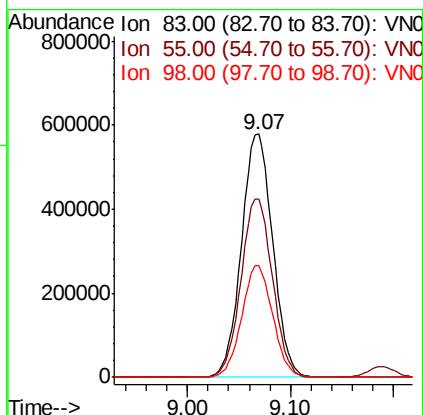
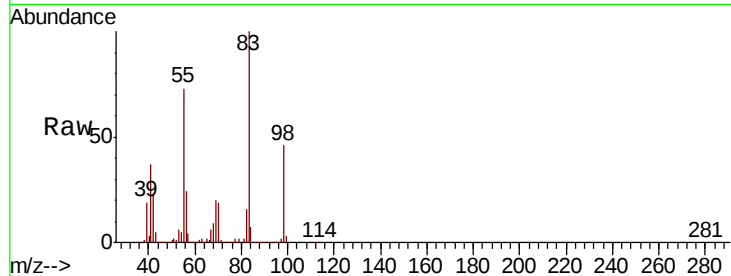




#39
Methylvlcyclohexane
Concen: 153.638 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

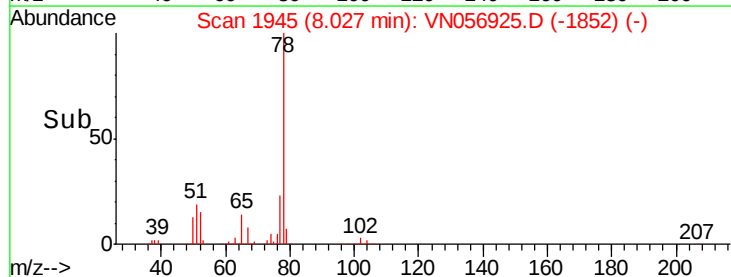
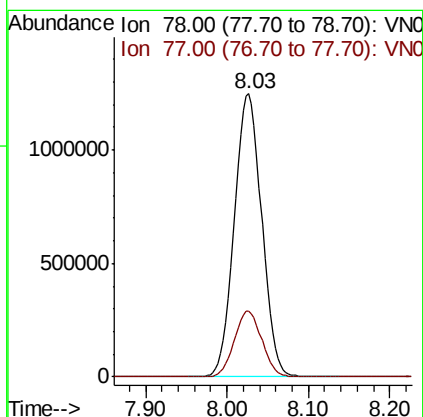
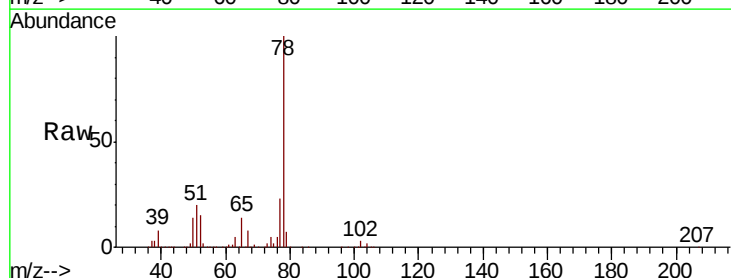
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

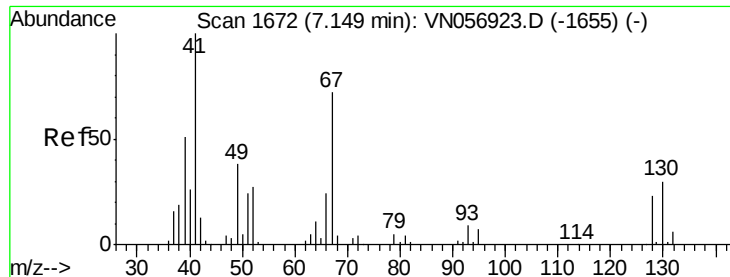
Tot Ion: 83 Resp: 1219604
Ion Ratio Lower Upper
83 100
55 73.2 58.8 88.2
98 45.7 35.8 53.6



#40
Benzene
Concen: 148.432 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 78 Resp: 2919940
Ion Ratio Lower Upper
78 100
77 23.3 19.5 29.3

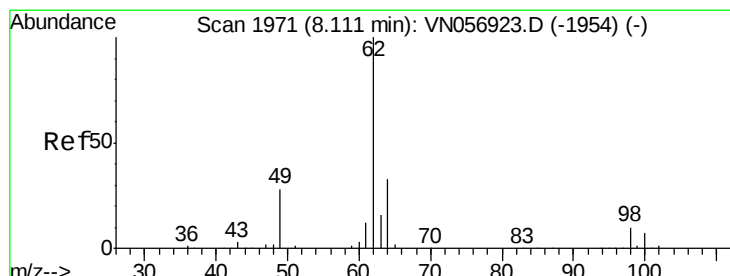
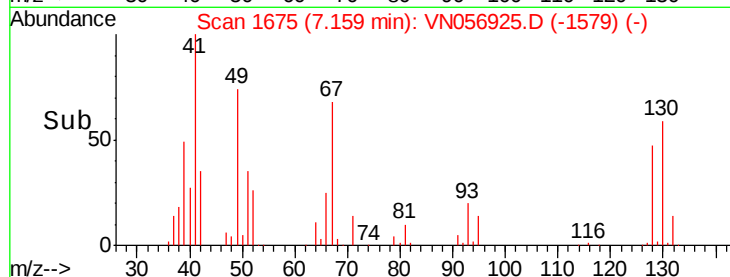
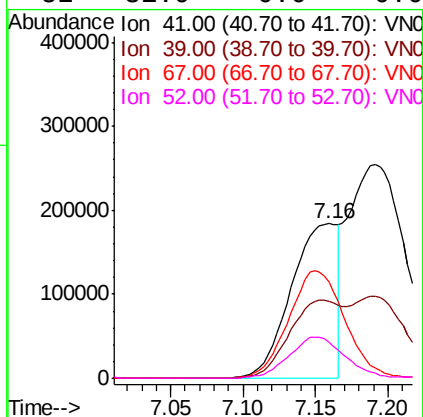
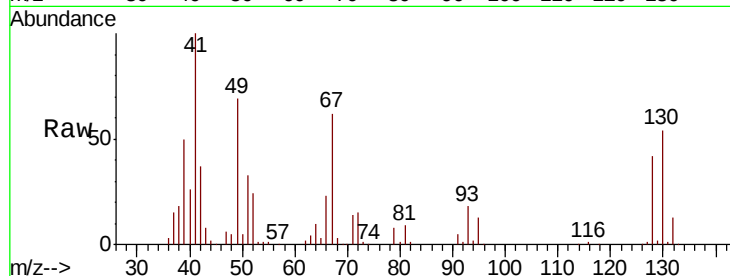




#41
Methacrylonitrile
Concen: 167.846 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

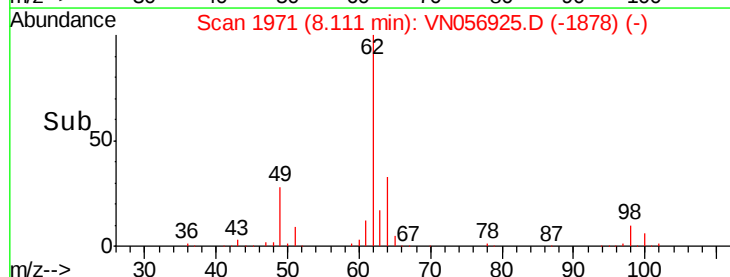
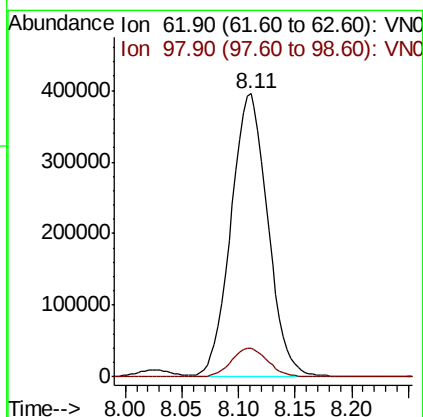
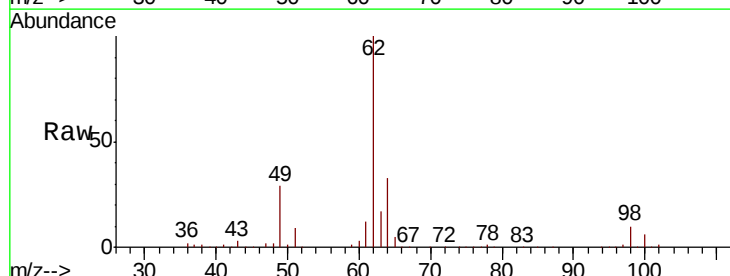
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

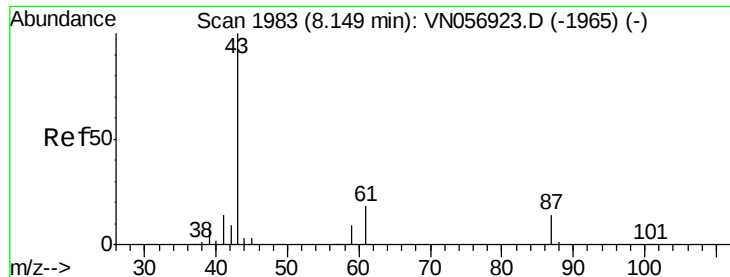
Tot Ion: 41 Resp: 409886
Ion Ratio Lower Upper
41 100
39 59.5 0.0 0.0#
67 84.7 0.0 0.0#
52 31.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 145.224 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 62 Resp: 892557
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.8





#43

Isopropyl Acetate

Concen: 152.019 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

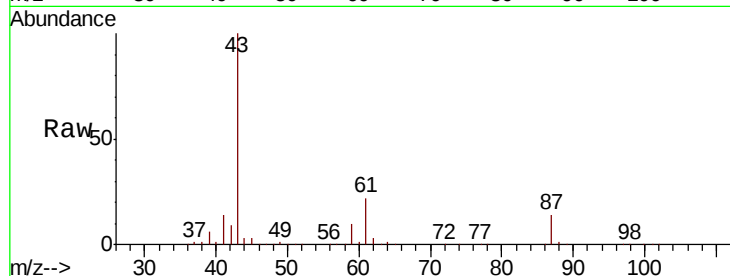
Tot Ion: 43 Resp: 1326573

Ion Ratio Lower Upper

43 100

61 29.5 23.8 35.6

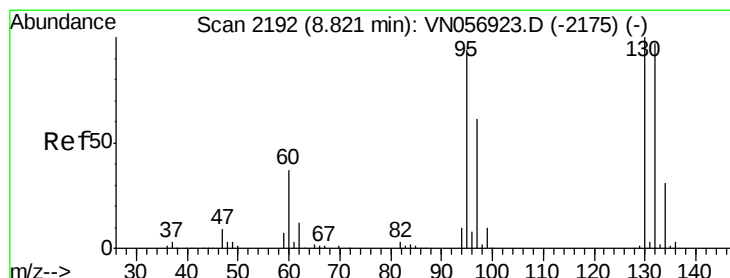
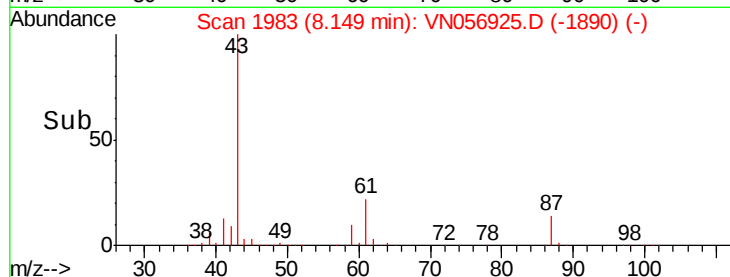
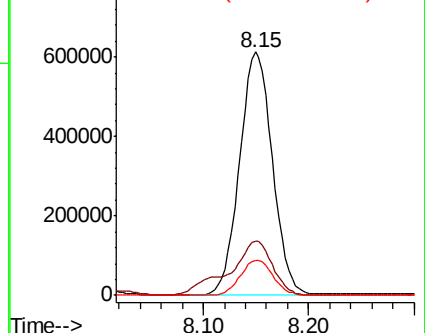
87 14.5 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN056925.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN056925.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN056925.D (-1965) (-)



#44

Trichloroethene

Concen: 151.315 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN056925.D

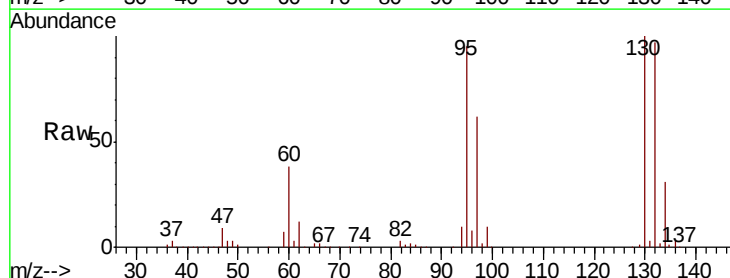
Acq: 25 Jul 2019 16:12

Tgt Ion:130 Resp: 801773

Ion Ratio Lower Upper

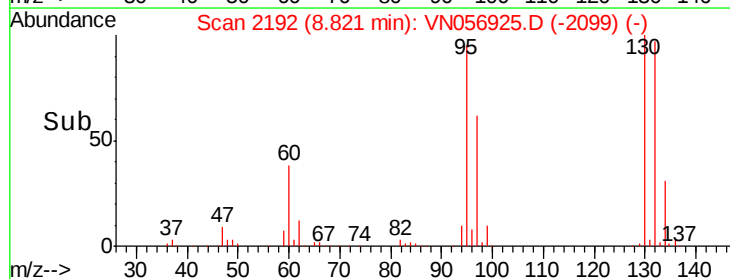
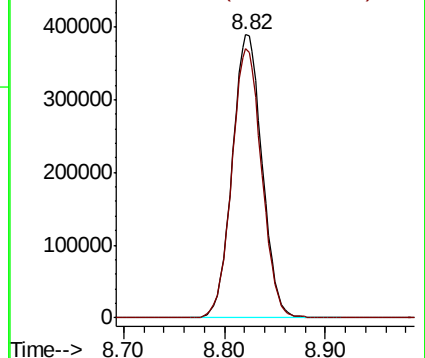
130 100

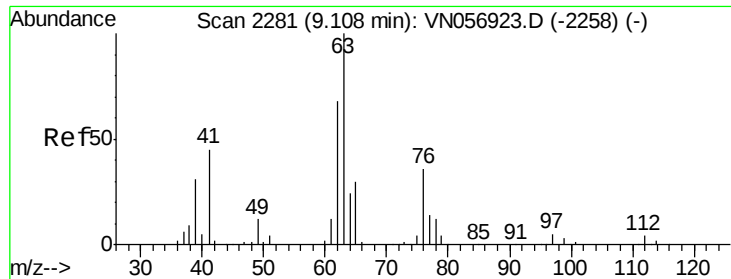
95 95.3 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VN056925.D (-2199) (-)

Ion 94.90 (94.60 to 95.60): VN056925.D (-2199) (-)





#45

1,2-Dichloropropane

Concen: 147.075 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

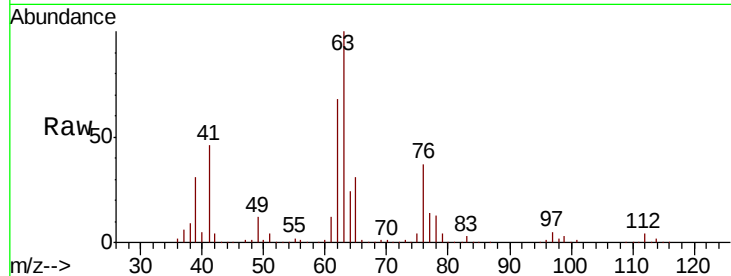
VSTDIC150

Tot Ion: 63 Resp: 781338

Ion Ratio Lower Upper

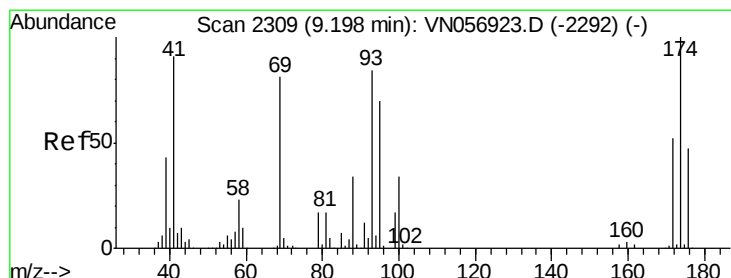
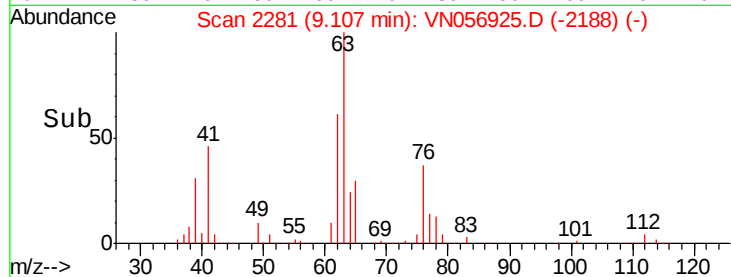
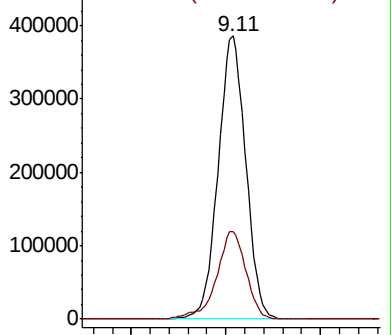
63 100

65 31.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 148.452 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

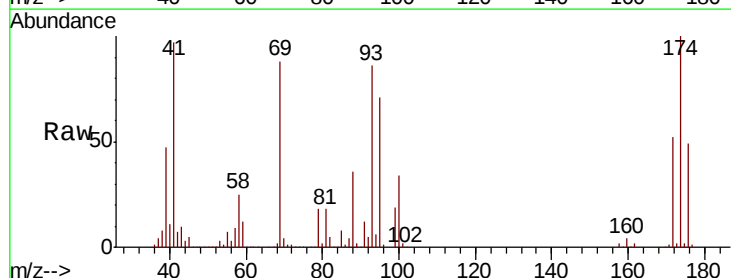
Tgt Ion: 93 Resp: 486754

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

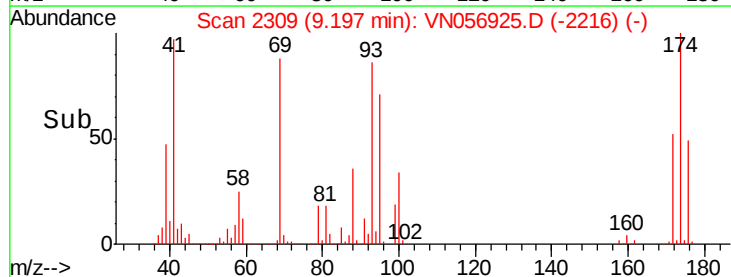
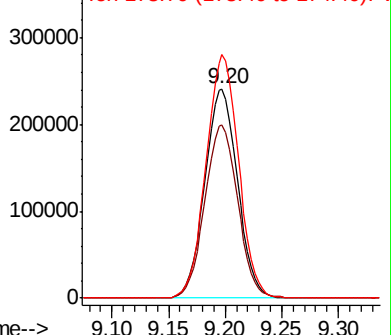
174 115.9 92.9 139.3

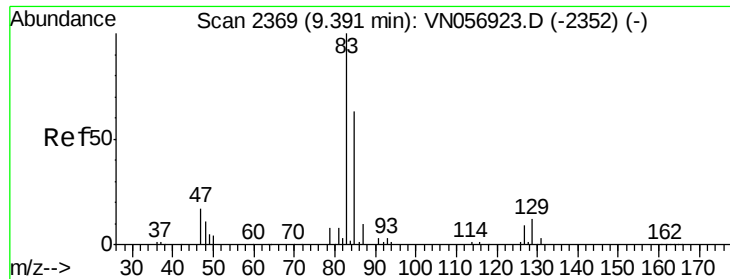


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

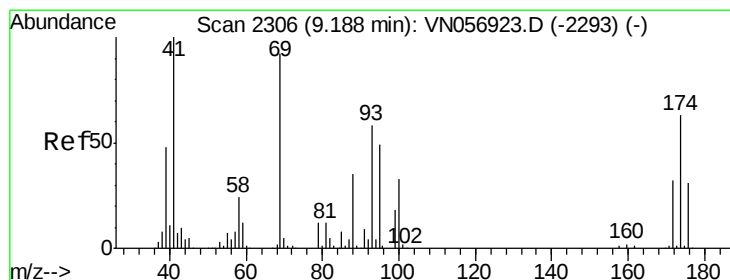
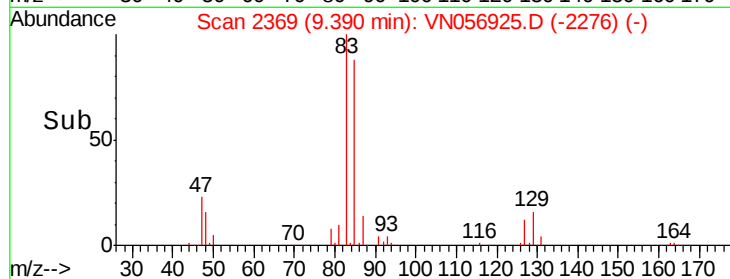
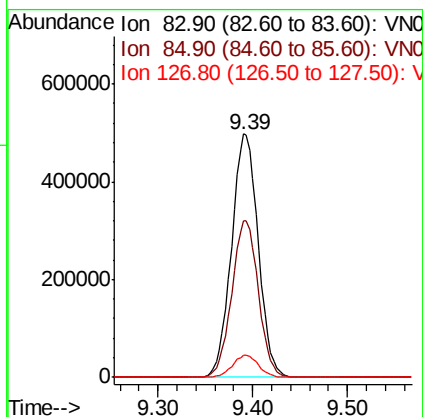
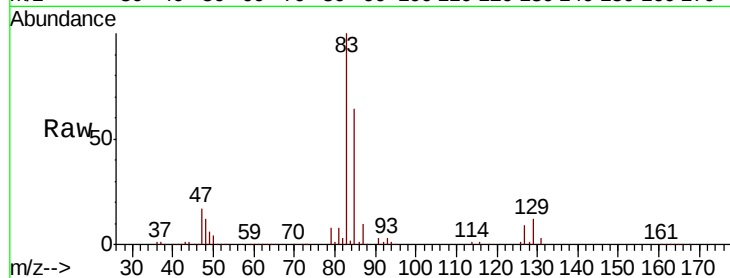




#47
Bromodichloromethane
Concen: 157.161 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

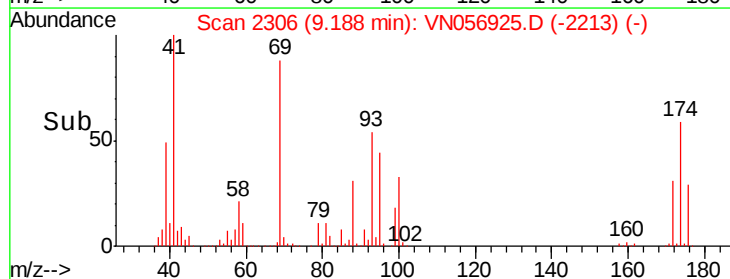
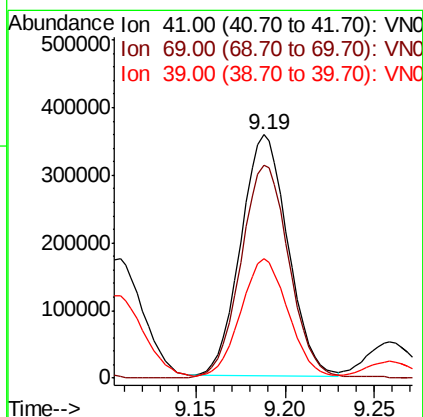
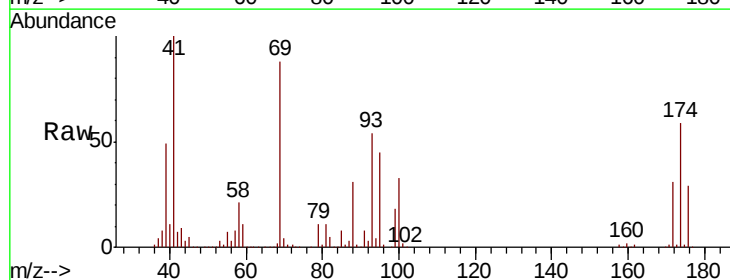
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

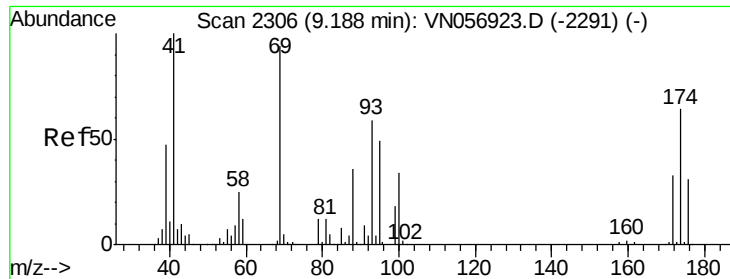
Tot Ion: 83 Resp: 971387
Ion Ratio Lower Upper
83 100
85 64.2 50.5 75.7
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 151.277 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 41 Resp: 658547
Ion Ratio Lower Upper
41 100
69 91.1 73.4 110.0
39 50.1 40.1 60.1





#49

1,4-Dioxane

Concen: 3032.119 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

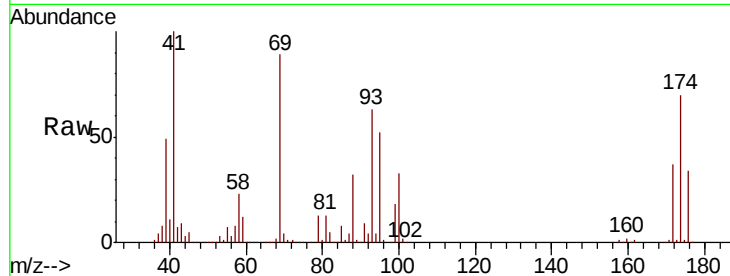
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 88 Resp: 260817

Ion	Ratio	Lower	Upper
88	100		
43	26.0	21.1	31.7
58	68.1	52.5	78.7

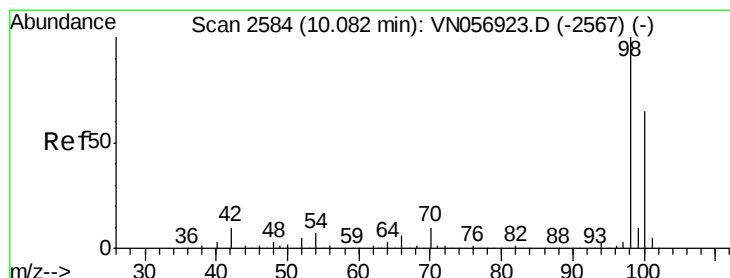
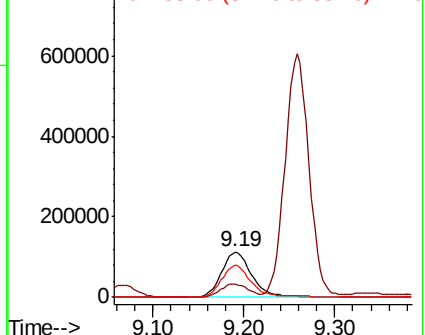
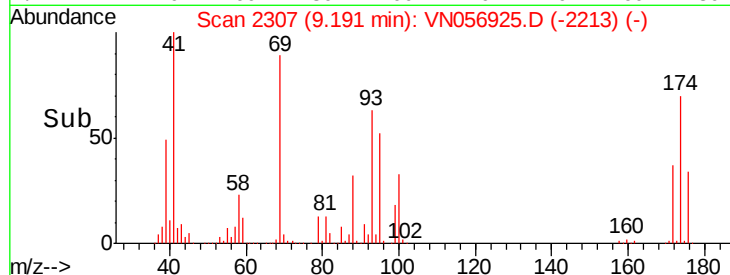


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 148.975 ug/l

RT: 10.08 min Scan# 2584

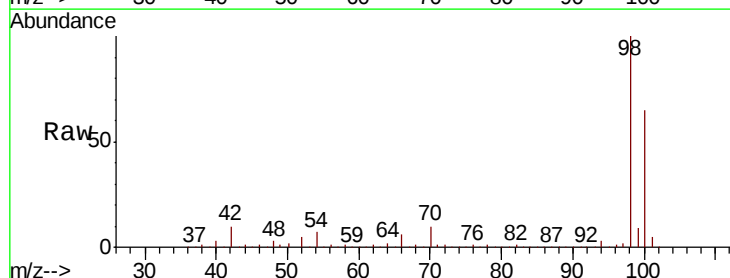
Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Tgt Ion: 98 Resp: 2512691

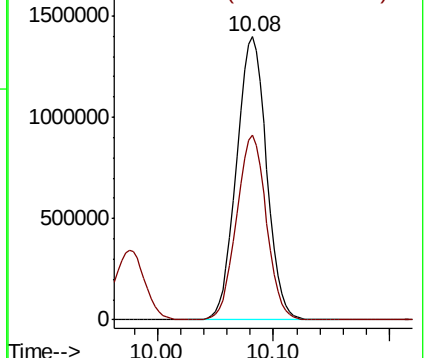
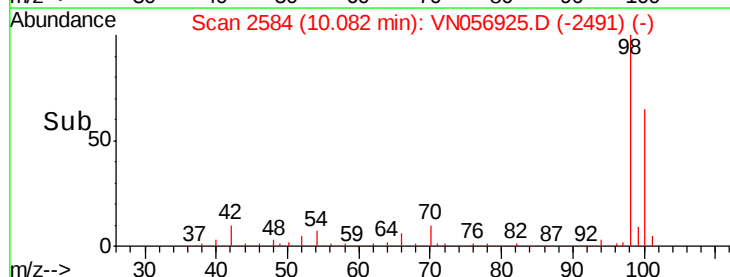
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.2

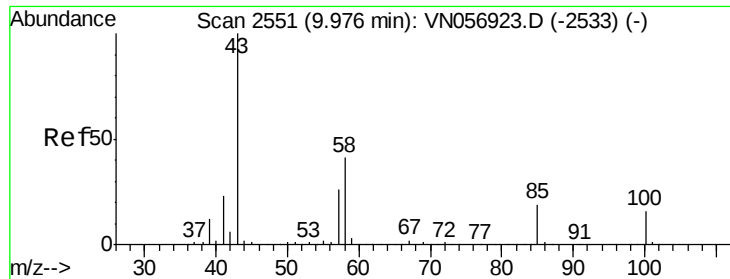


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 755.786 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

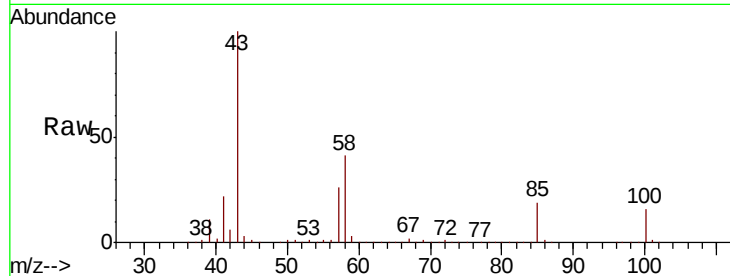
VSTDIC150

Tot Ion: 43 Resp: 3924689

Ion Ratio Lower Upper

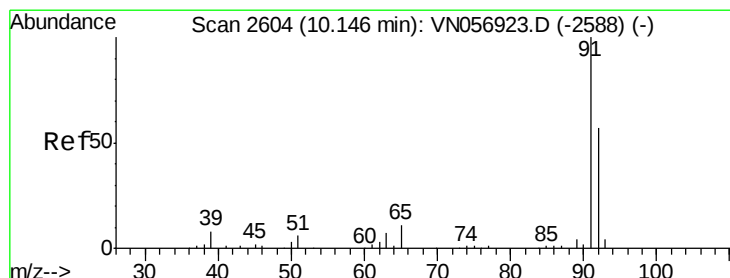
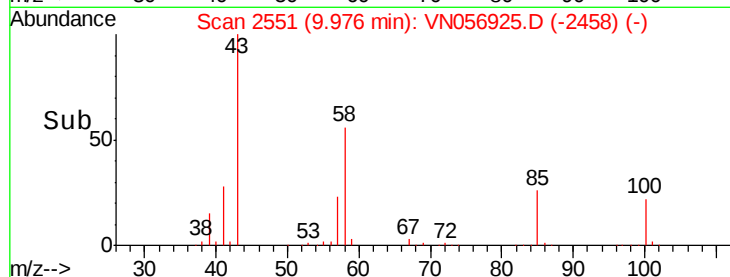
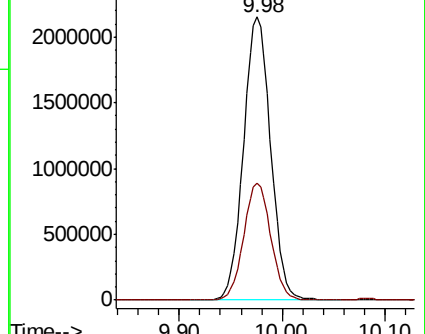
43 100

58 41.3 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN056923.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056923.D (-2533) (-)



#52

Toluene

Concen: 154.305 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056925.D

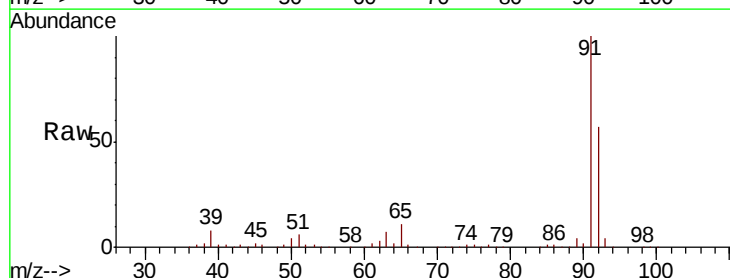
Acq: 25 Jul 2019 16:12

Tgt Ion: 92 Resp: 1829360

Ion Ratio Lower Upper

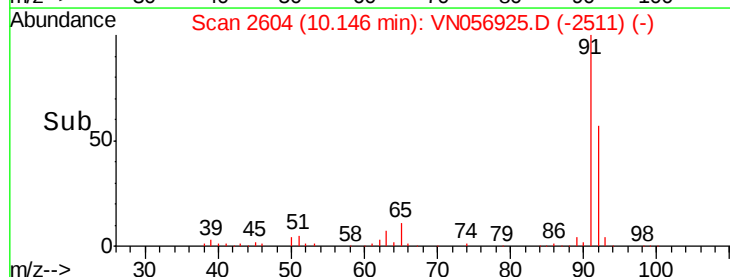
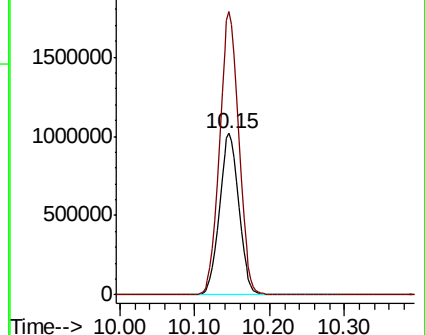
92 100

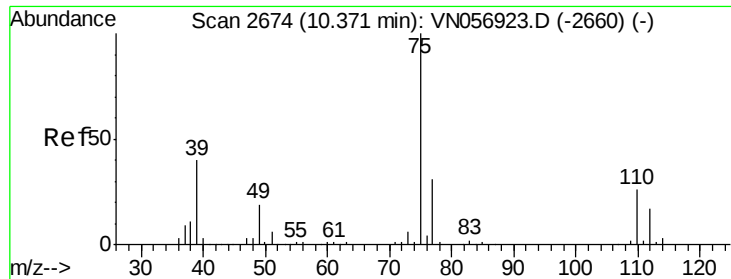
91 174.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN056923.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN056923.D (-2588) (-)

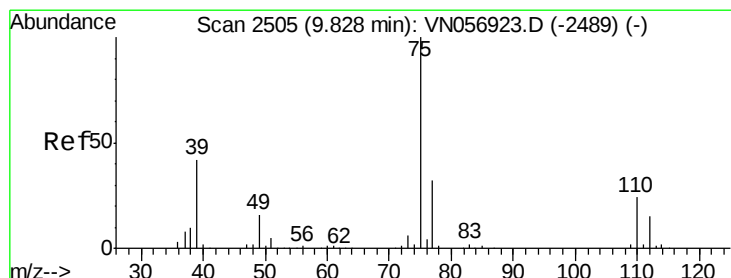
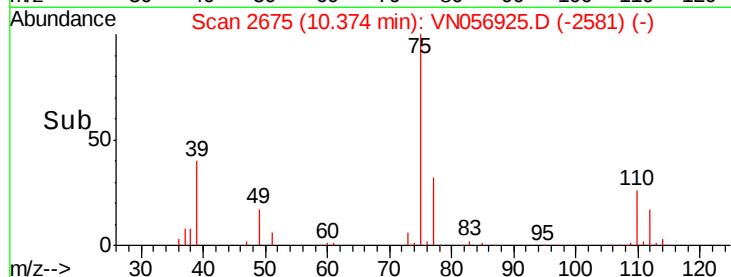
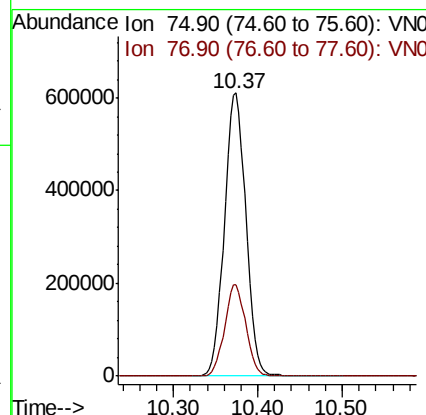
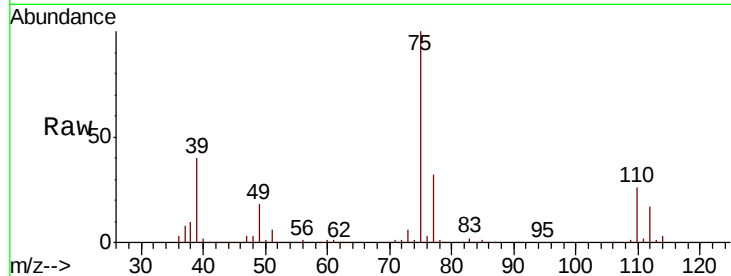




#53
 t-1,3-Dichloropropene
 Concen: 170.772 ug/l
 RT: 10.37 min Scan# 2675
 Delta R.T. 0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

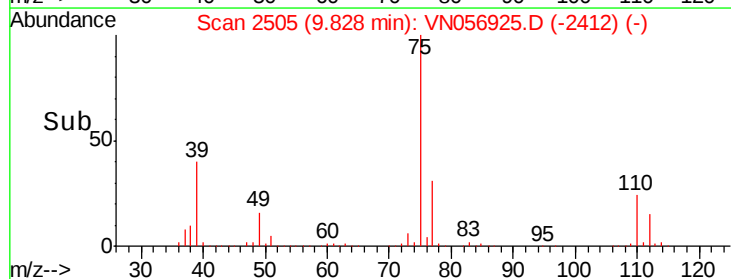
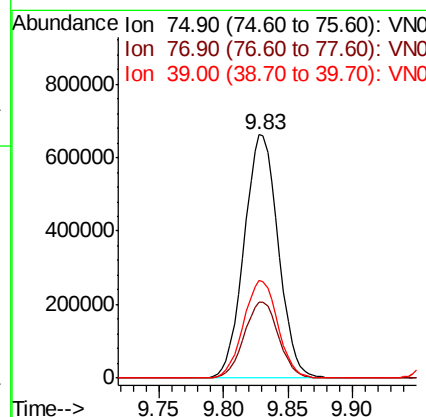
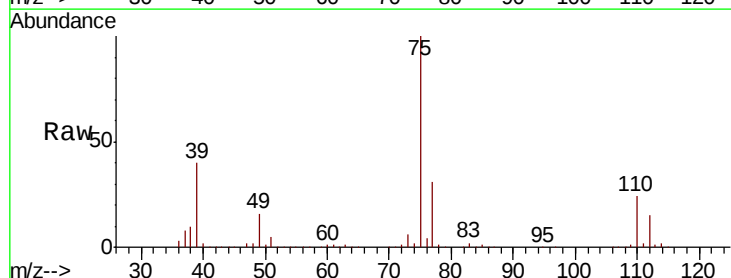
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

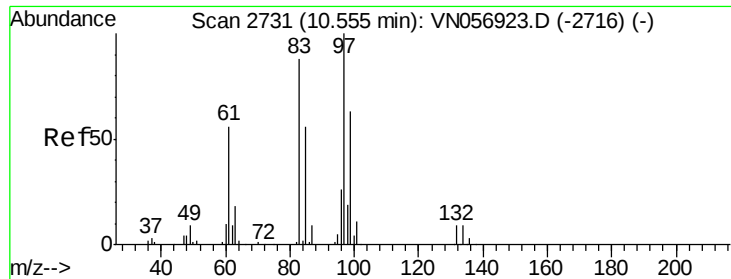
Tot Ion: 75 Resp: 1078451
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 163.578 ug/l
 RT: 9.83 min Scan# 2505
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion: 75 Resp: 1221319
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 40.0 33.4 50.0

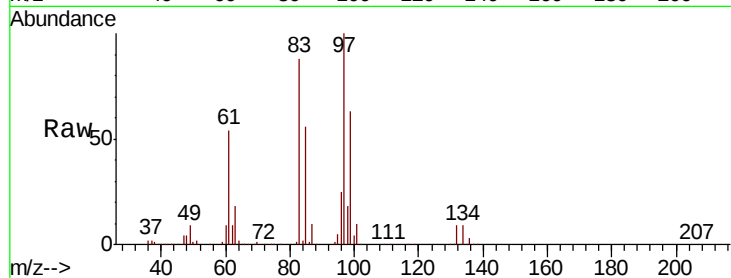




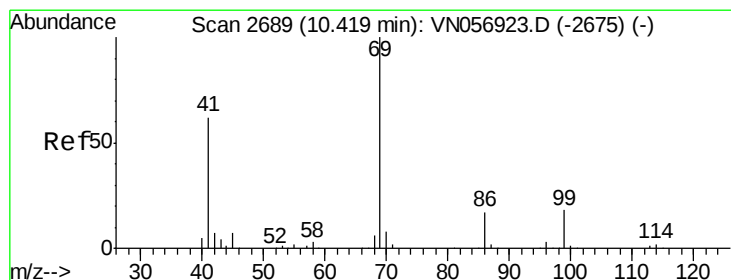
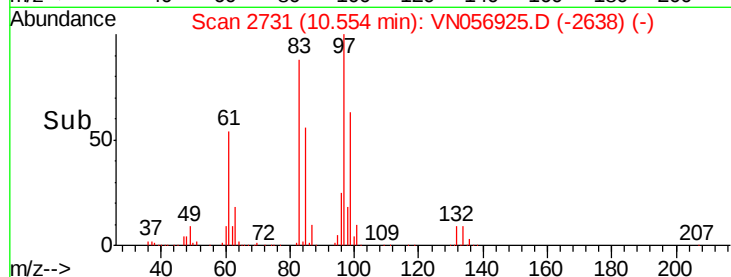
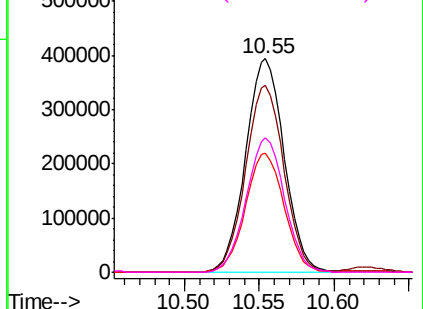
#55
 1,1,2-Trichloroethane
 Concen: 150.088 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 706491
 Ion Ratio Lower Upper
 97 100
 83 87.6 70.1 105.1
 85 55.6 45.1 67.7
 99 63.2 50.6 75.8

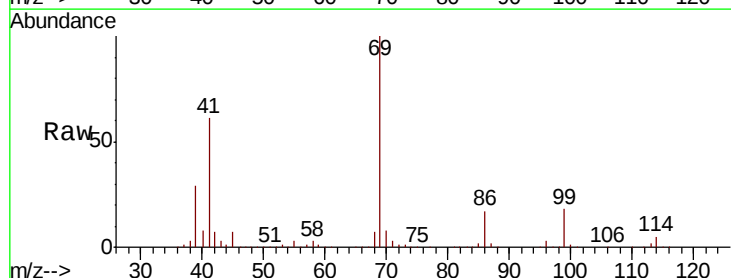


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

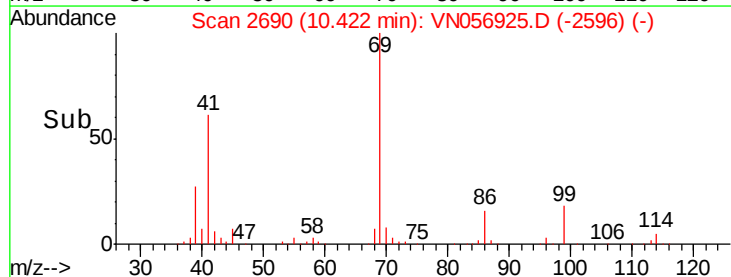
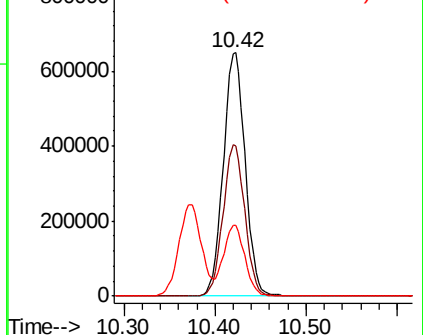


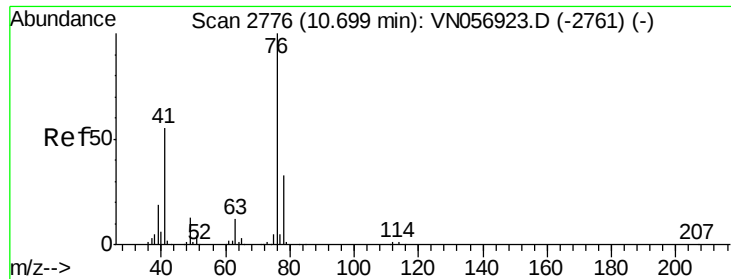
#56
 Ethyl methacrylate
 Concen: 166.709 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion: 69 Resp: 1083256
 Ion Ratio Lower Upper
 69 100
 41 61.1 49.7 74.5
 39 28.9 23.6 35.4



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

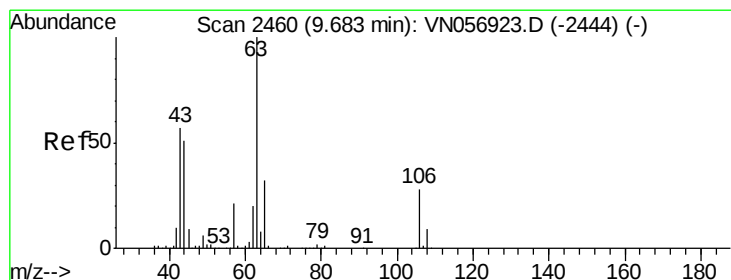
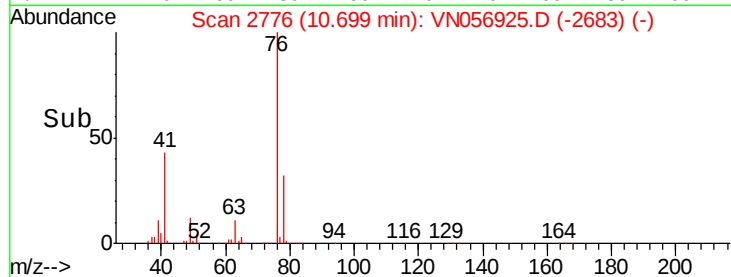
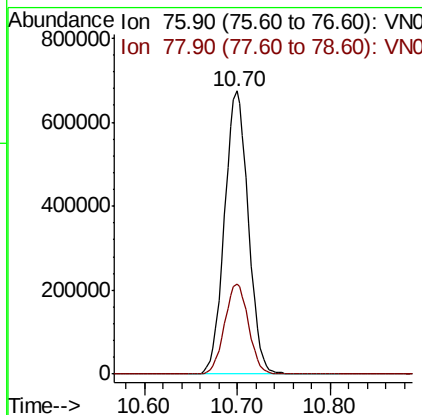
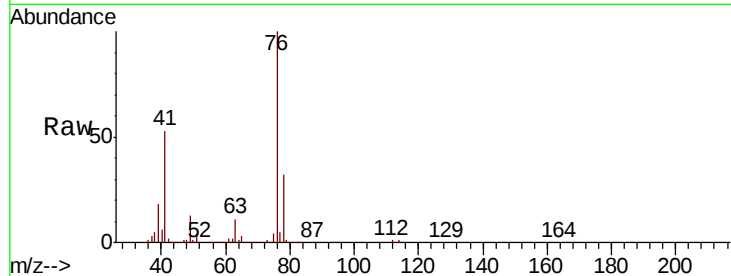




#57
 1,3-Dichloropropane
 Concen: 153.564 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

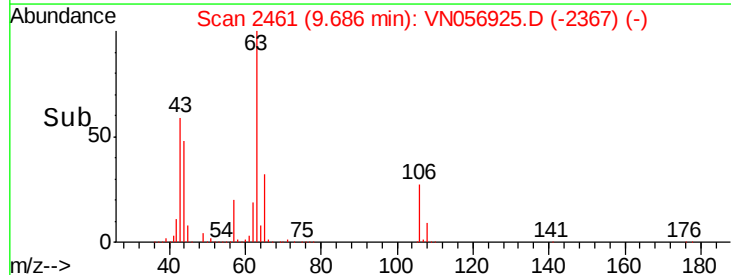
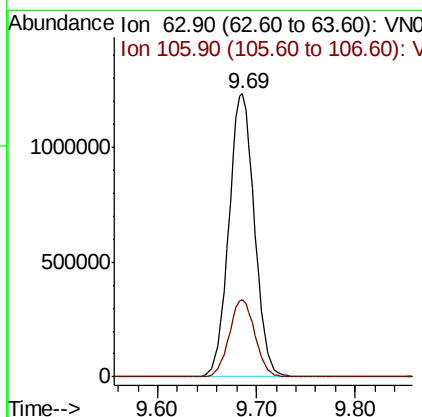
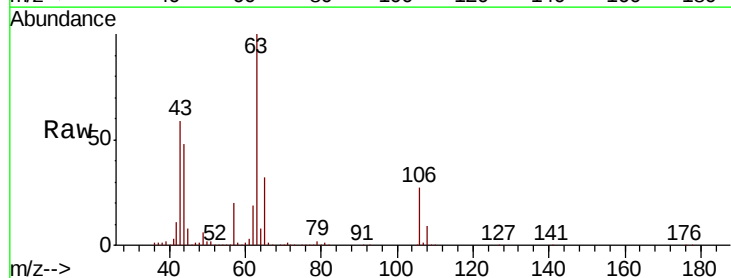
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

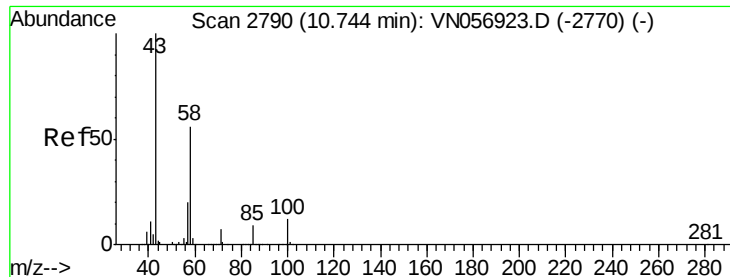
Tot Ion: 76 Resp: 1195558
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 822.756 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion: 63 Resp: 2227303
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.2 33.4

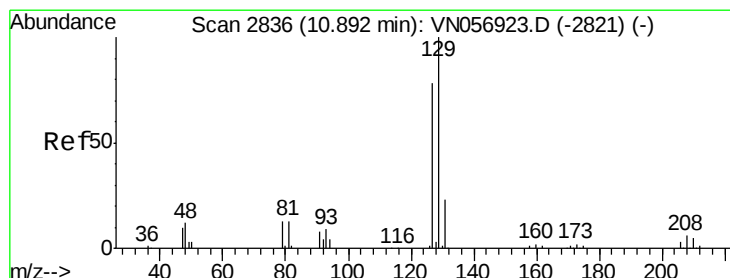
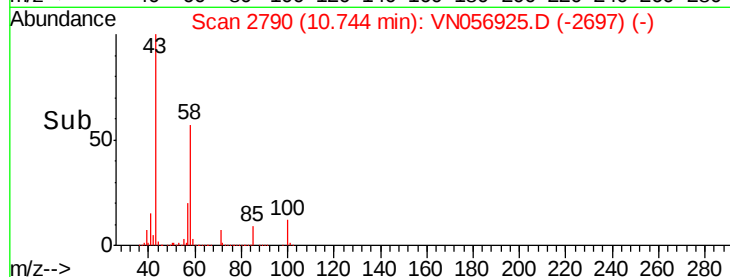
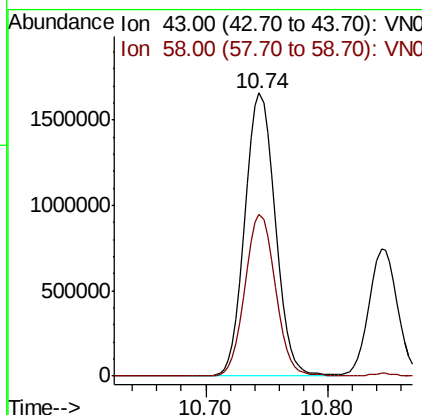
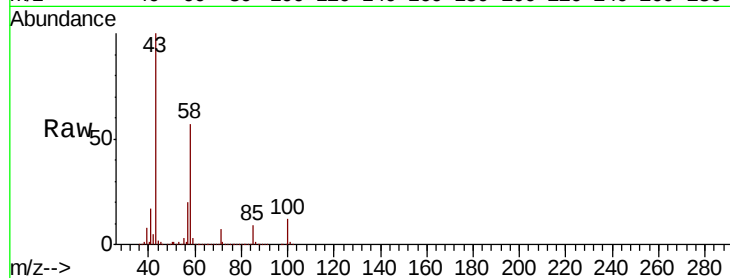




#59
2-Hexanone
Concen: 789.452 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

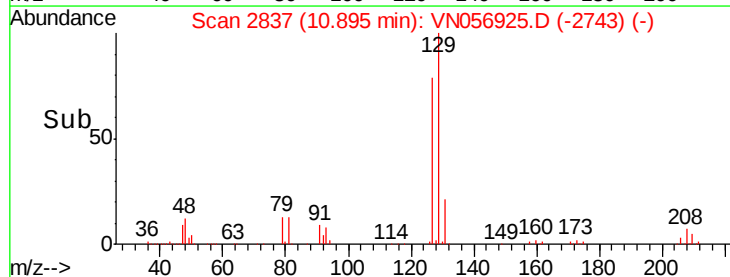
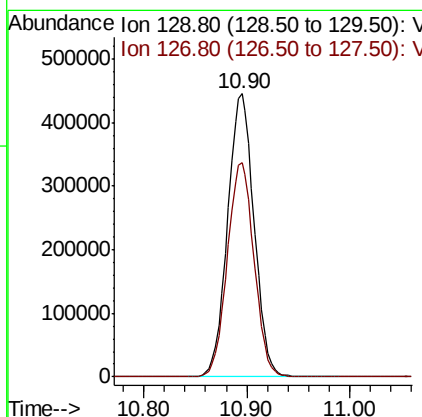
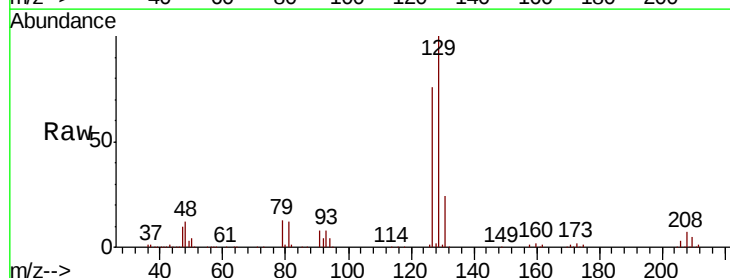
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

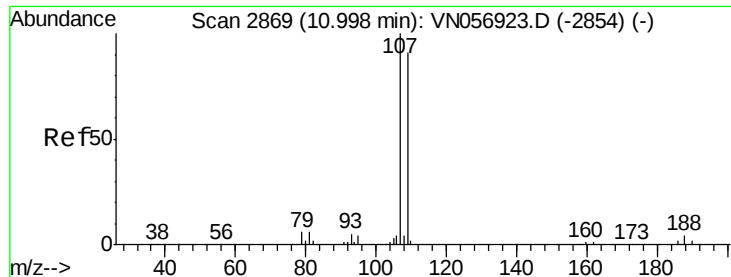
Tot Ion: 43 Resp: 2846301
Ion Ratio Lower Upper
43 100
58 57.1 28.2 84.6



#60
Dibromochloromethane
Concen: 168.610 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 129 Resp: 796764
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2

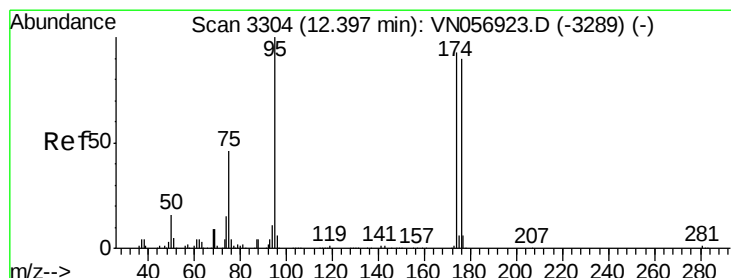
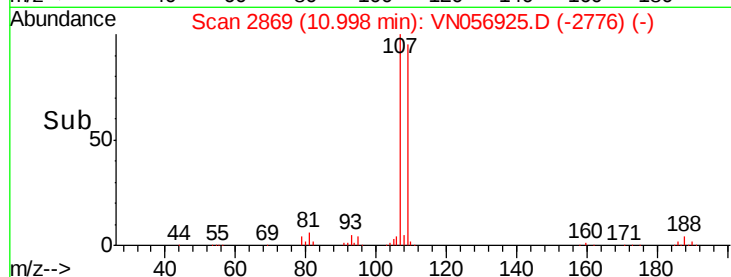
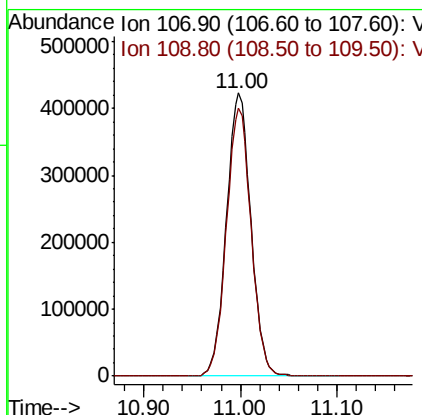
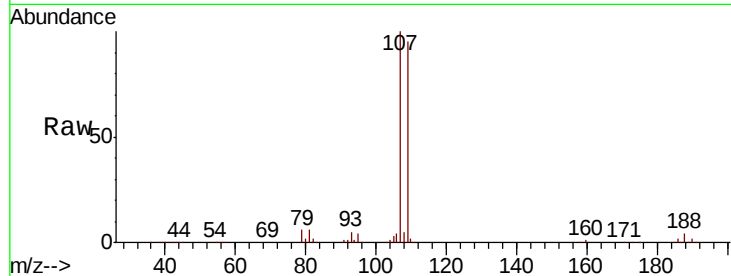




#61
 1,2-Dibromoethane
 Concen: 159.471 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

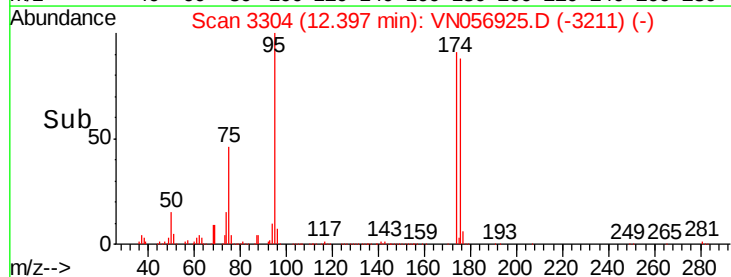
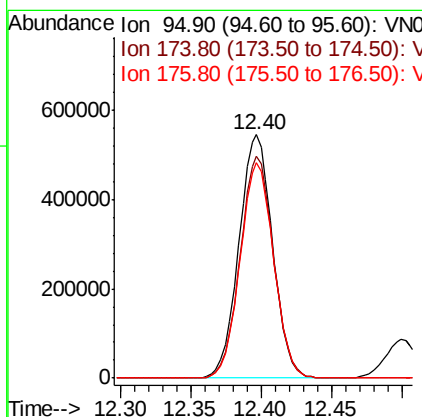
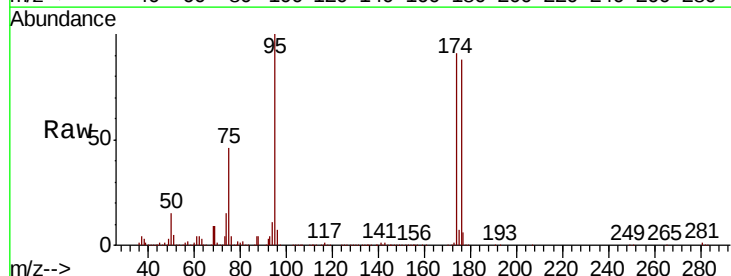
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

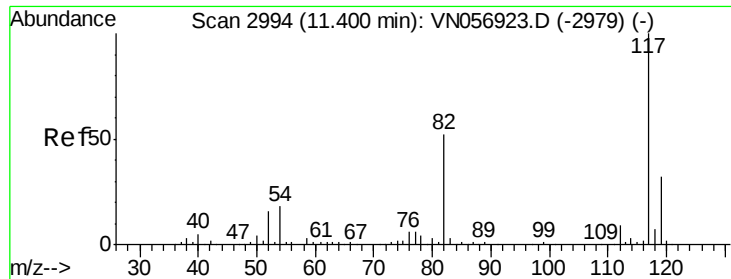
Tot Ion:107 Resp: 743896
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 165.465 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion: 95 Resp: 909790
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 186.2
 176 88.3 0.0 179.6

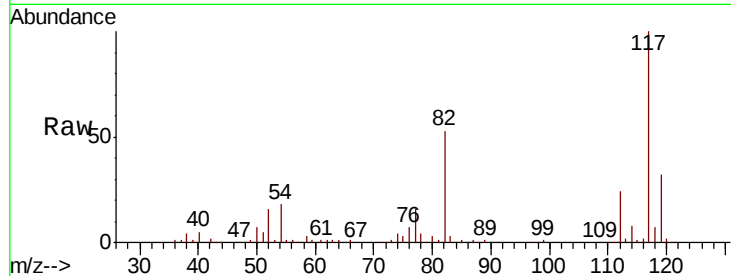




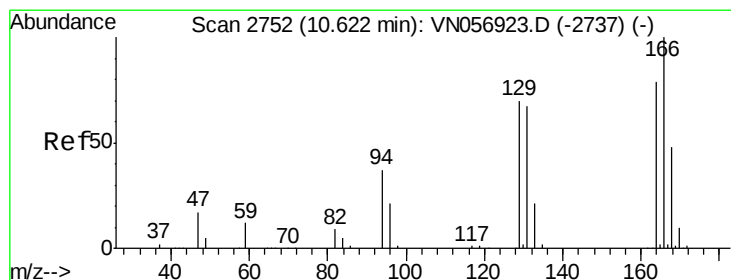
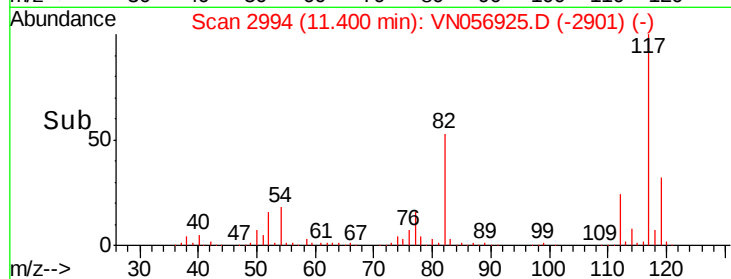
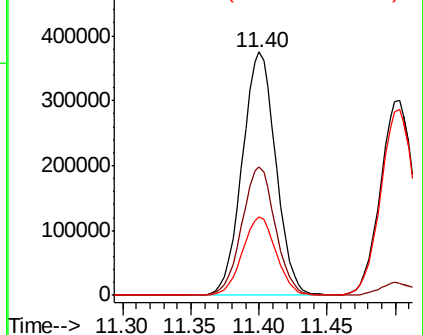
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 641459
Ion Ratio Lower Upper
117 100
82 52.8 41.7 62.5
119 32.4 25.5 38.3

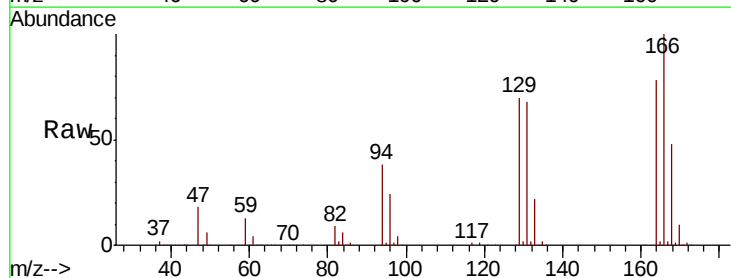


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

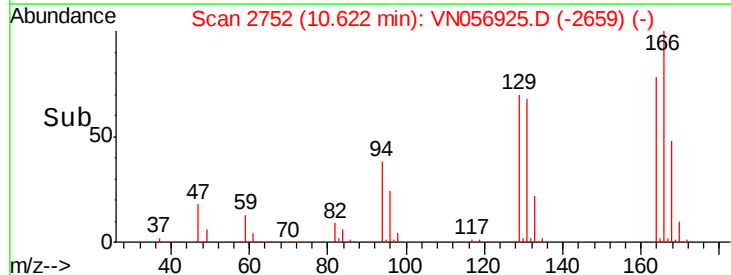
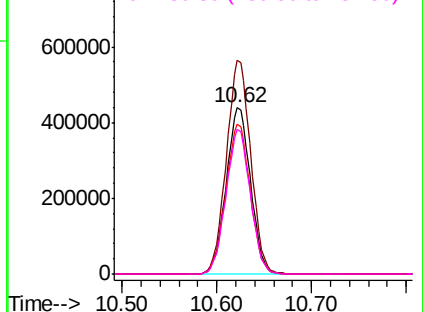


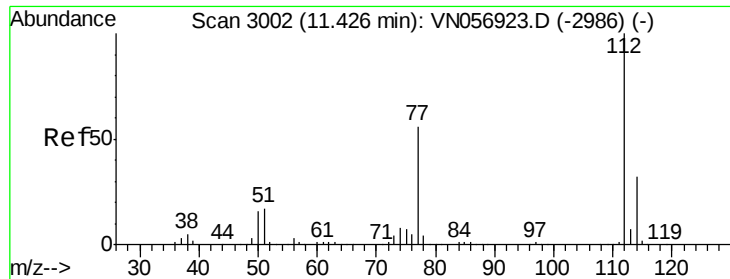
#64
Tetrachloroethene
Concen: 139.776 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion:164 Resp: 781069
Ion Ratio Lower Upper
164 100
166 128.6 101.6 152.4
129 90.3 70.9 106.3
131 87.0 68.4 102.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

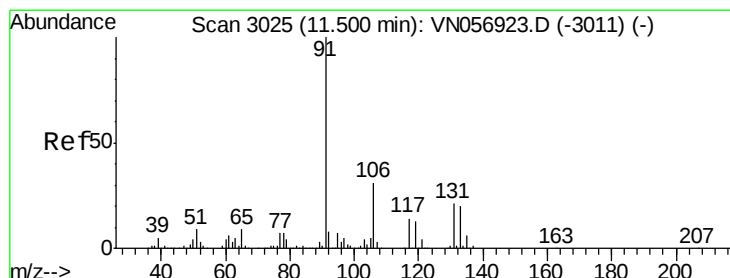
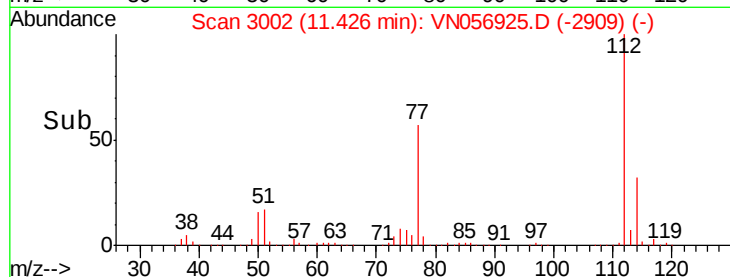
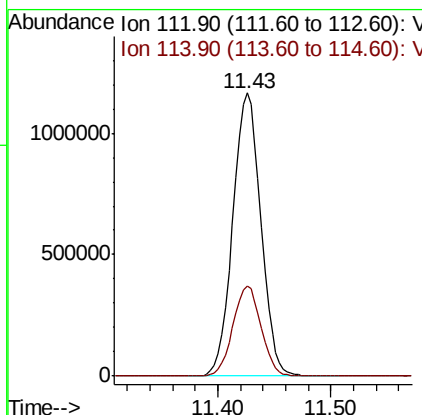
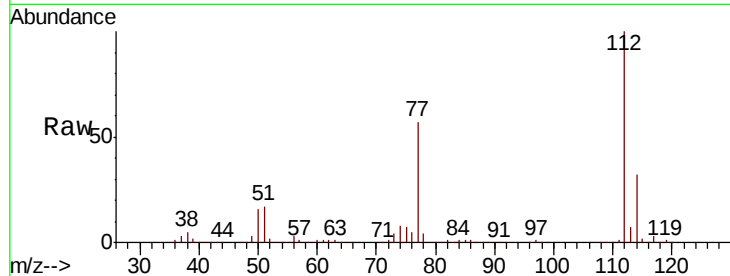




#65
Chlorobenzene
Concen: 150.078 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

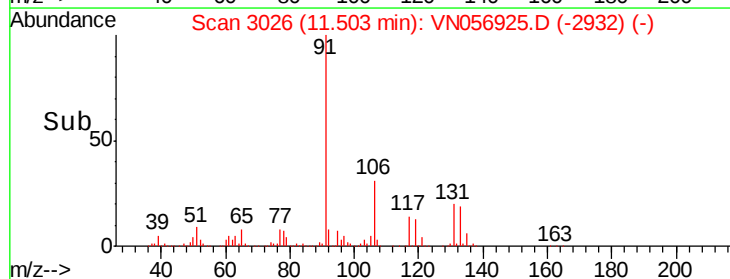
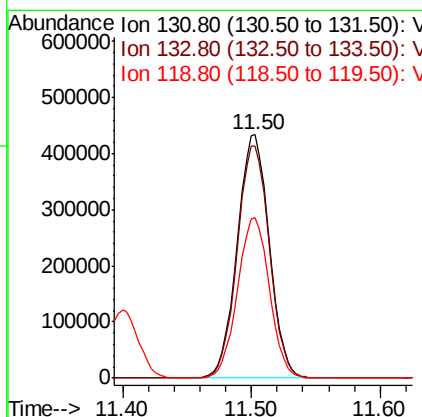
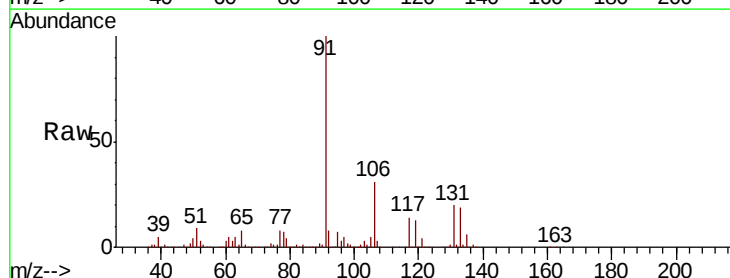
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

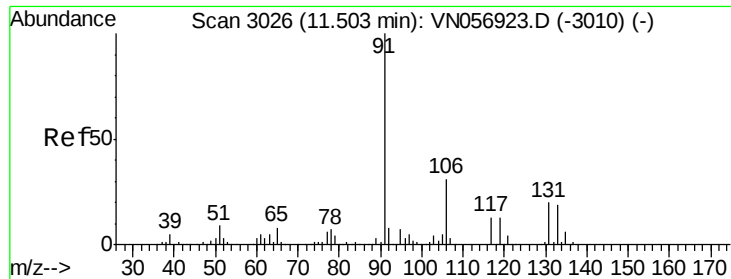
Tot Ion:112 Resp: 2010515
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 148.177 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion:131 Resp: 748924
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 65.8 32.6 98.0

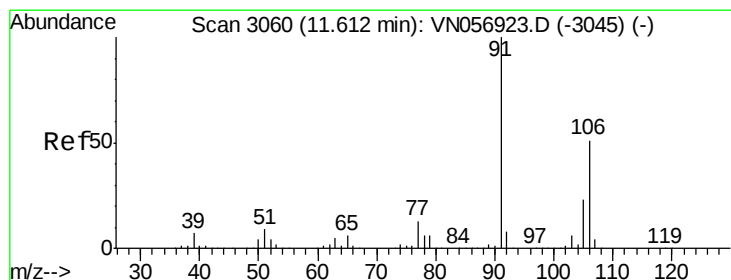
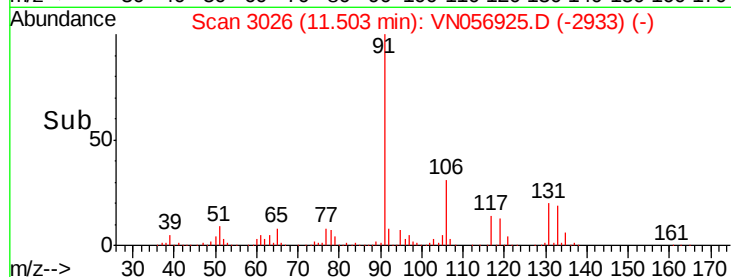
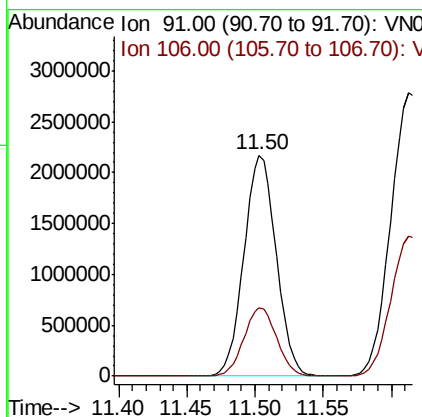
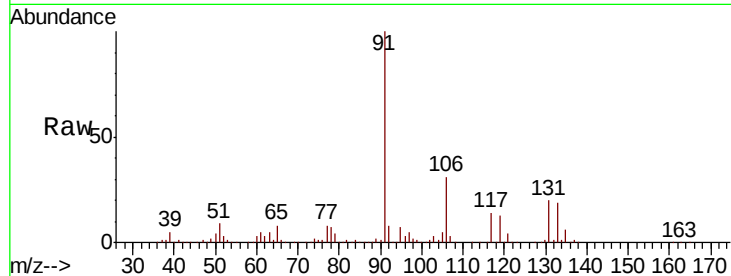




#67
Ethyl Benzene
Concen: 154.087 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

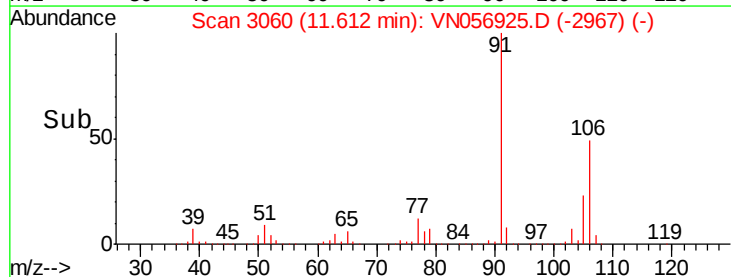
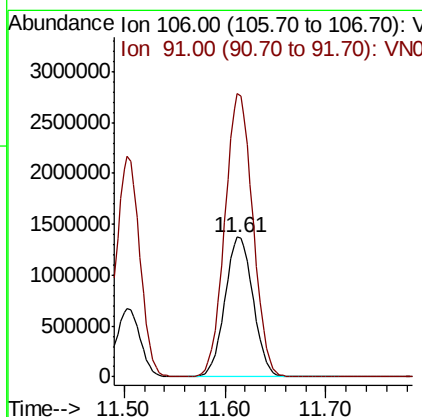
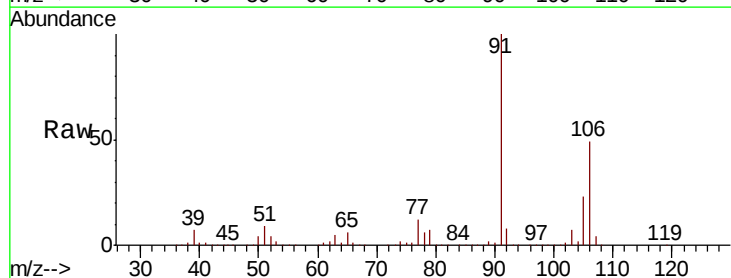
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

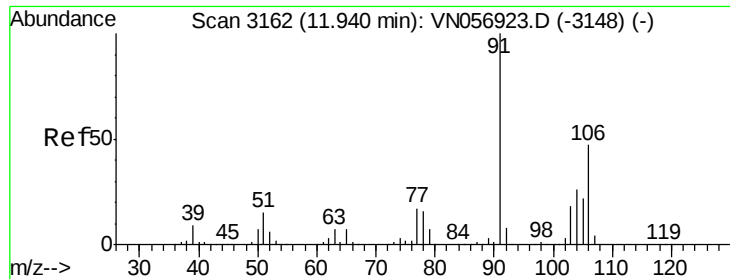
Tot Ion: 91 Resp: 3567119
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 308.369 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion: 106 Resp: 2673351
Ion Ratio Lower Upper
106 100
91 201.5 159.6 239.4

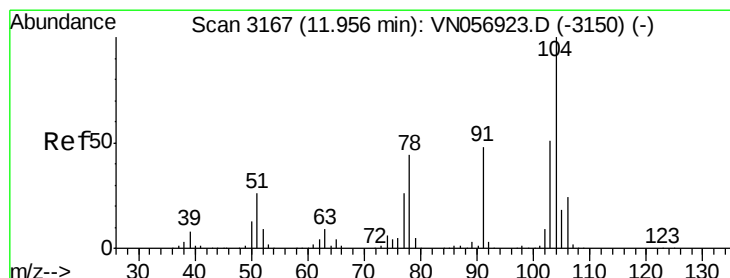
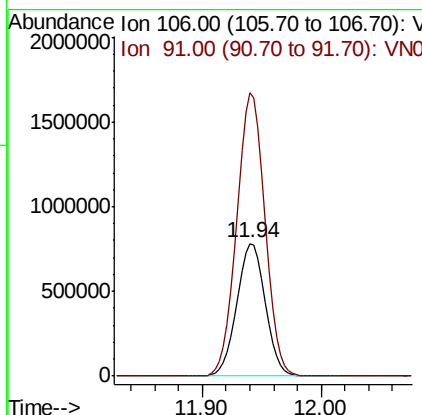
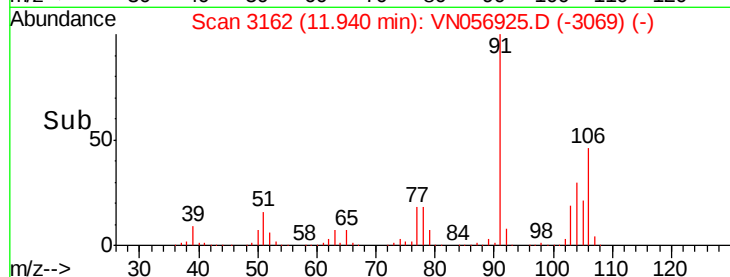
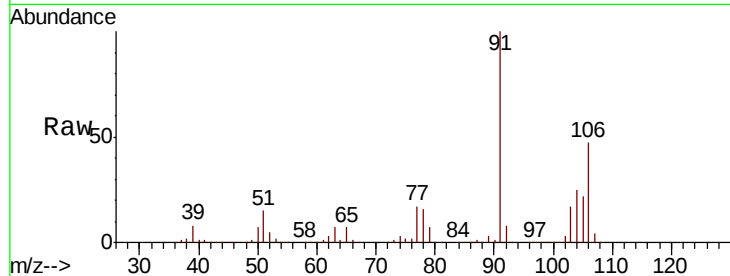




#69
o-Xylene
Concen: 153.502 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

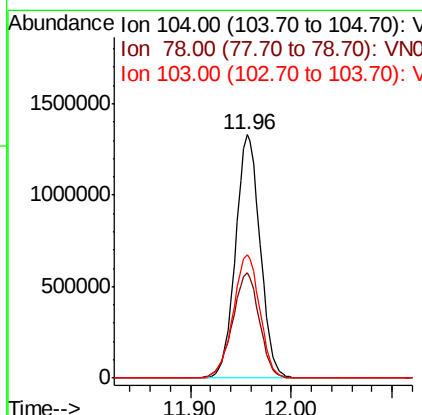
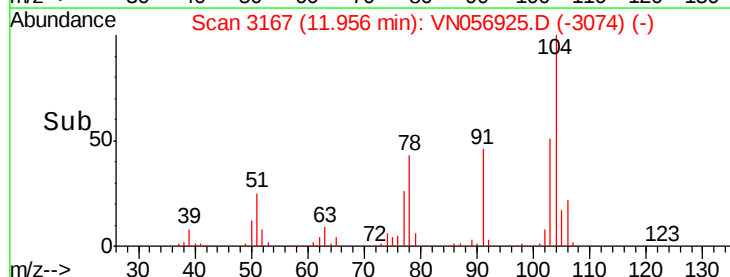
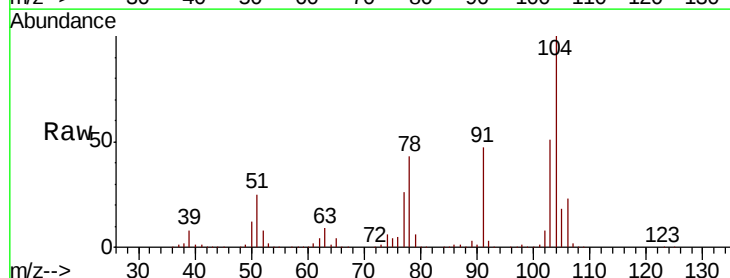
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

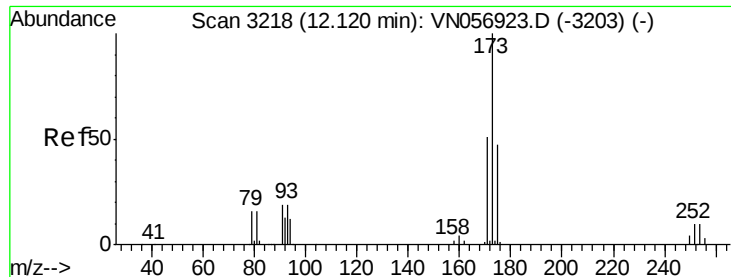
Tot Ion:106 Resp: 1296067
Ion Ratio Lower Upper
106 100
91 211.8 105.7 317.0



#70
Styrene
Concen: 166.857 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion:104 Resp: 2246637
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 54.9 44.1 66.1





#71

Bromoform

Concen: 169.357 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

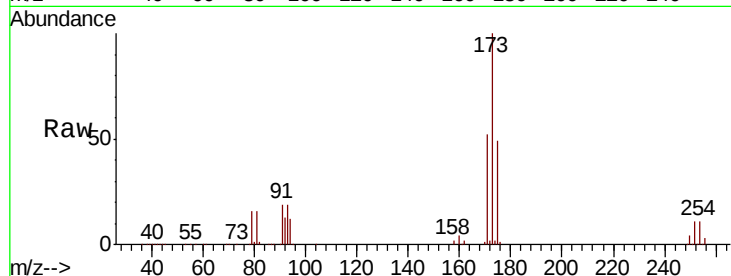
Tot Ion:173 Resp: 589282

Ion Ratio Lower Upper

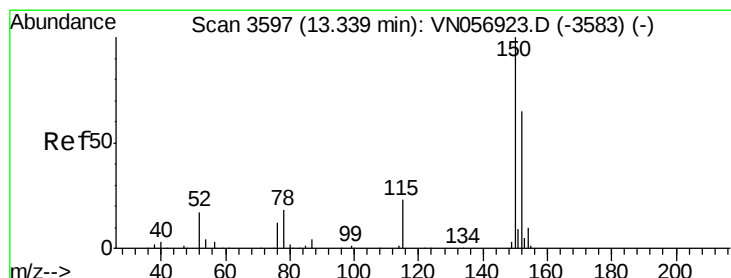
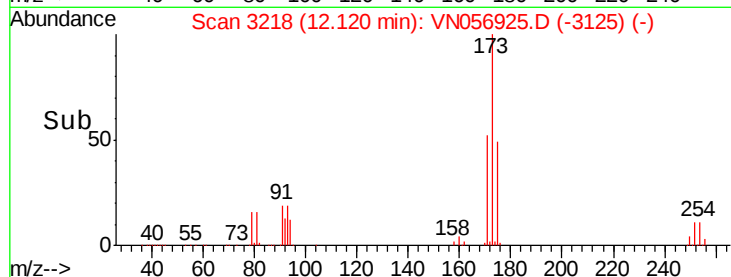
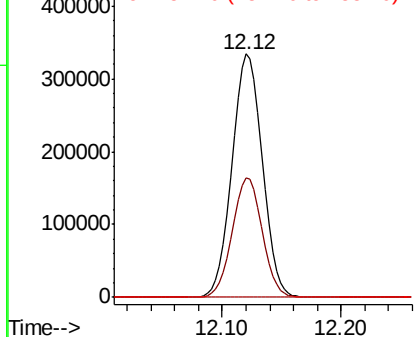
173 100

175 48.6 24.2 72.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

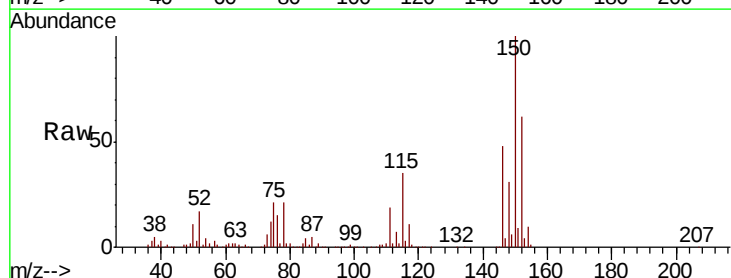
Tgt Ion:152 Resp: 310205

Ion Ratio Lower Upper

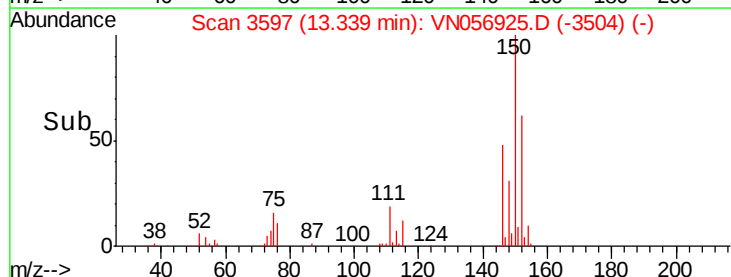
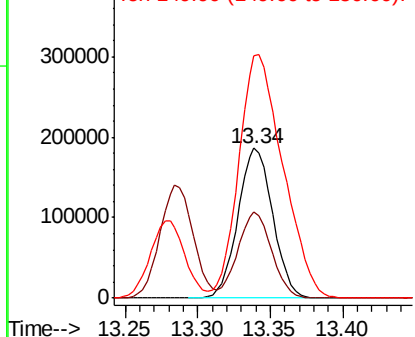
152 100

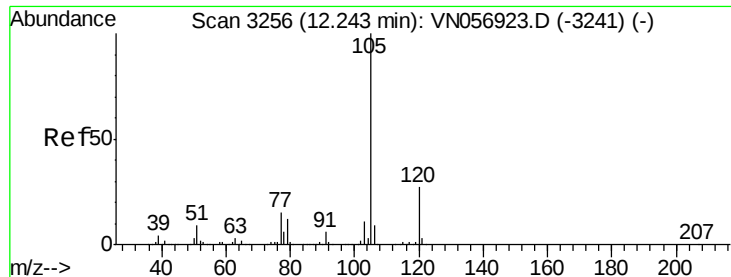
115 55.7 27.9 83.7

150 206.2 0.0 354.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 127.171 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

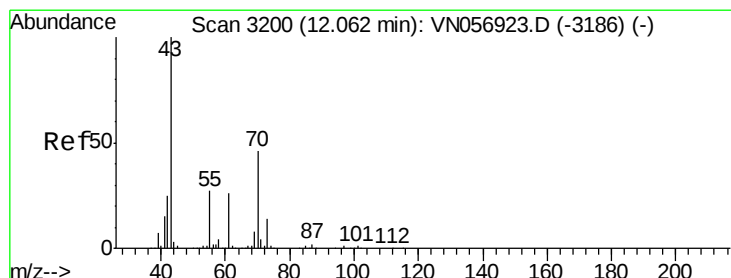
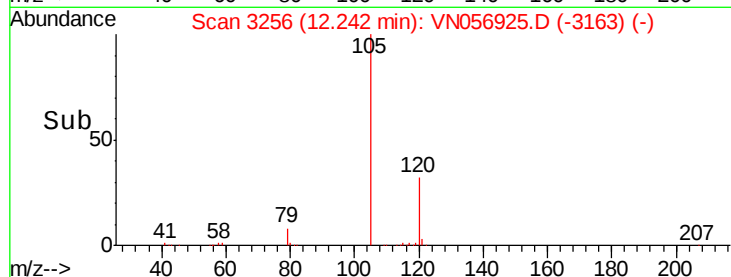
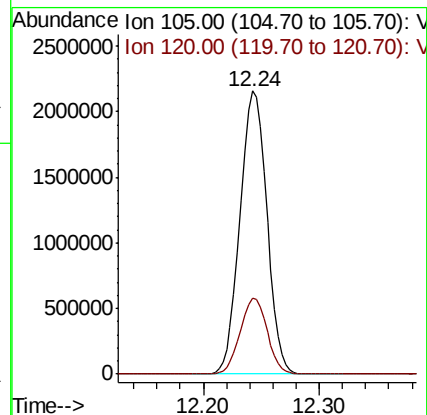
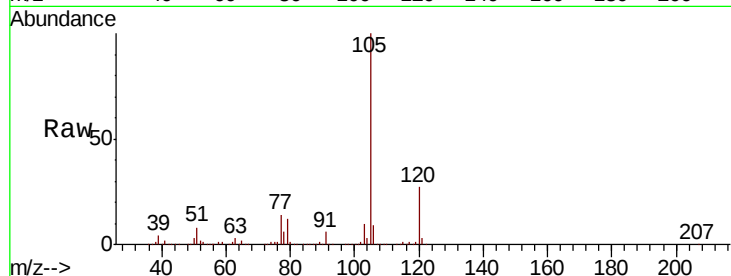
VSTDIC150

Tot Ion:105 Resp: 3477232

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 131.218 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Tgt Ion: 43 Resp: 1187669

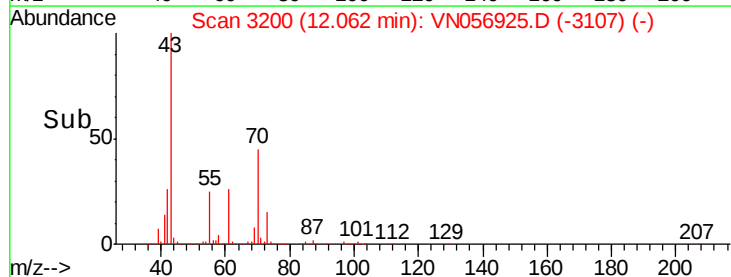
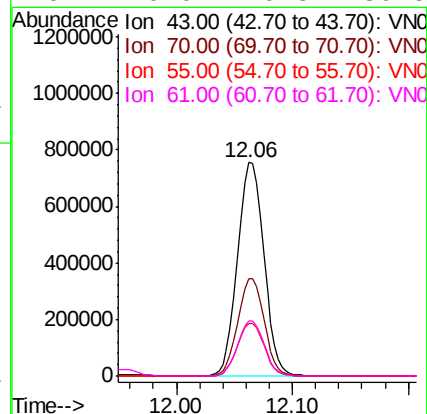
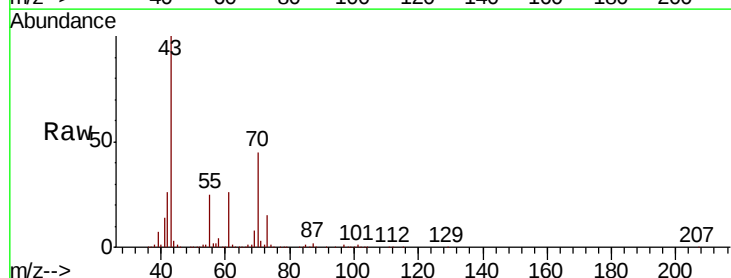
Ion Ratio Lower Upper

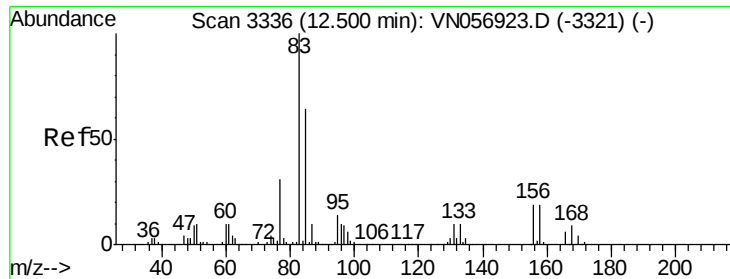
43 100

70 45.7 35.9 53.9

55 25.3 21.4 32.2

61 26.0 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 120.184 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

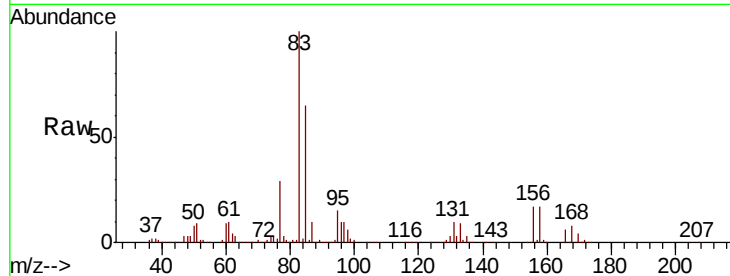
Tot Ion: 83 Resp: 965678

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

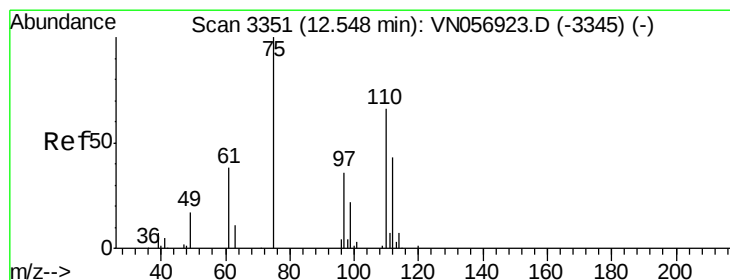
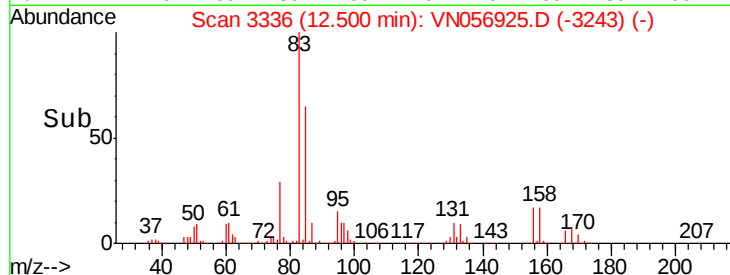
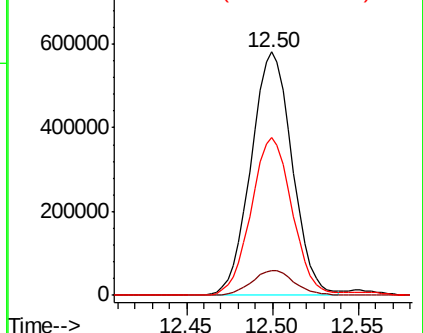
85 64.5 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN056925.D (-3321) (-)

Ion 130.80 (130.50 to 131.50): VN056925.D (-3321) (-)

Ion 84.90 (84.60 to 85.60): VN056925.D (-3321) (-)



#76

1,2,3-Trichloropropane

Concen: 185.412 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN056925.D

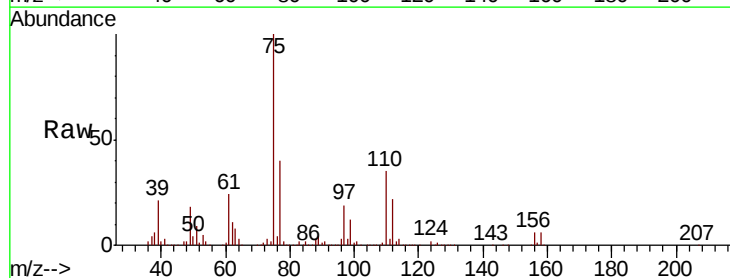
Acq: 25 Jul 2019 16:12

Tgt Ion: 75 Resp: 1212178

Ion Ratio Lower Upper

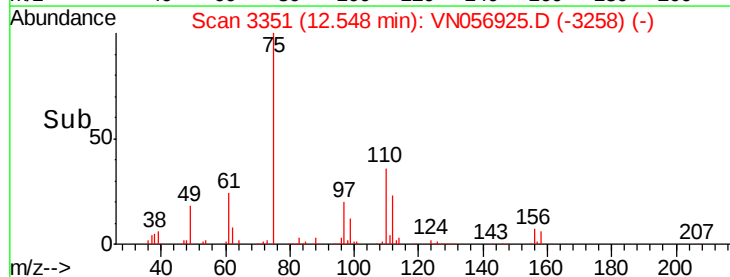
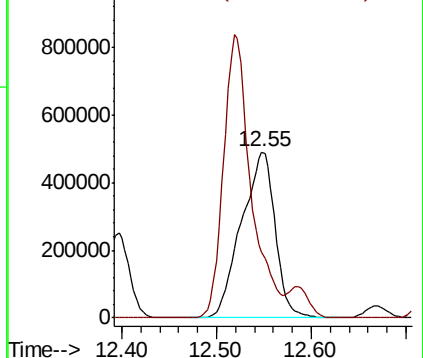
75 100

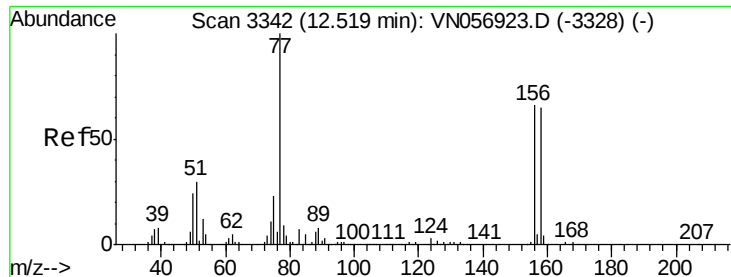
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN056925.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN056925.D (-3345) (-)





#77

Bromobenzene

Concen: 136.989 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

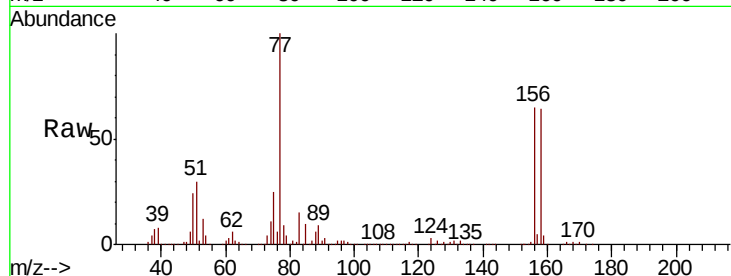
Tot Ion:156 Resp: 934524

Ion Ratio Lower Upper

156 100

77 181.6 90.8 272.3

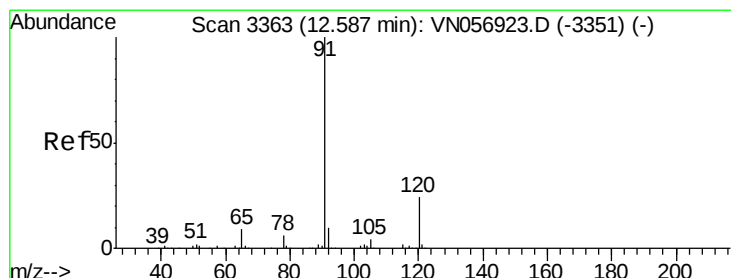
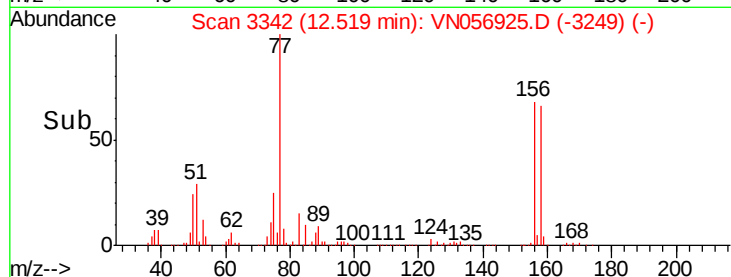
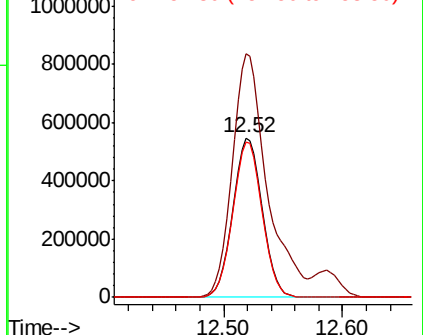
158 97.3 49.5 148.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 137.807 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN056925.D

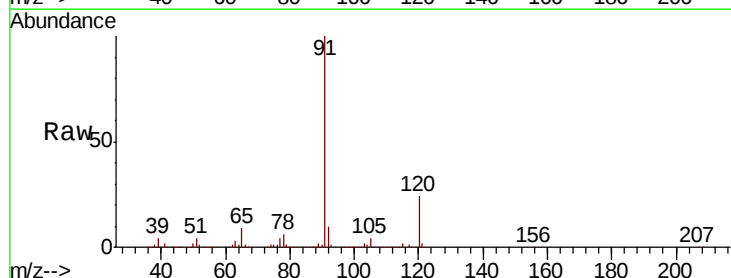
Acq: 25 Jul 2019 16:12

Tgt Ion: 91 Resp: 3975048

Ion Ratio Lower Upper

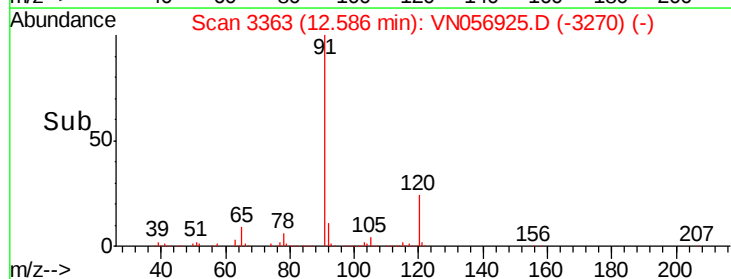
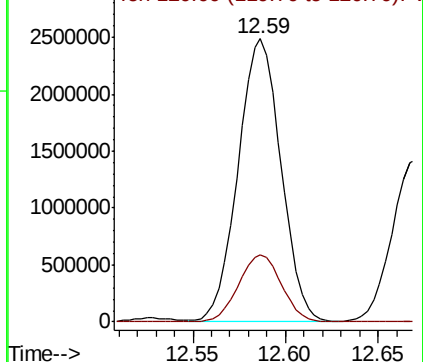
91 100

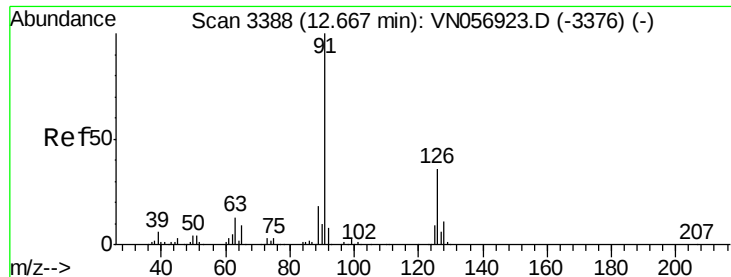
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 129.194 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampled :

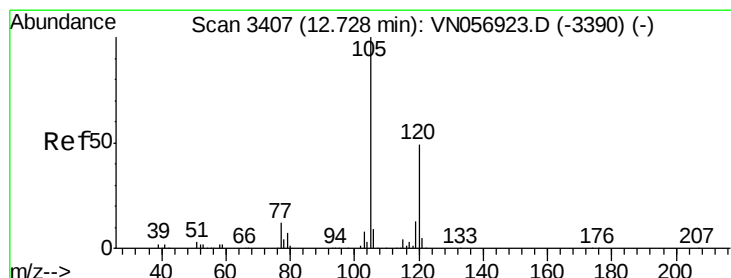
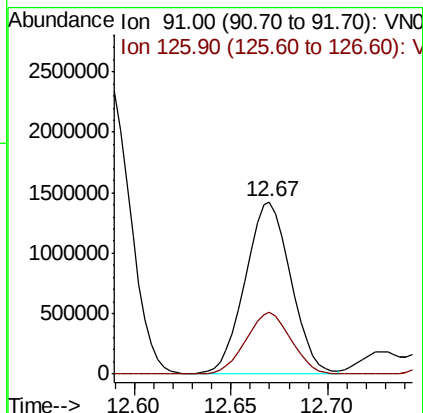
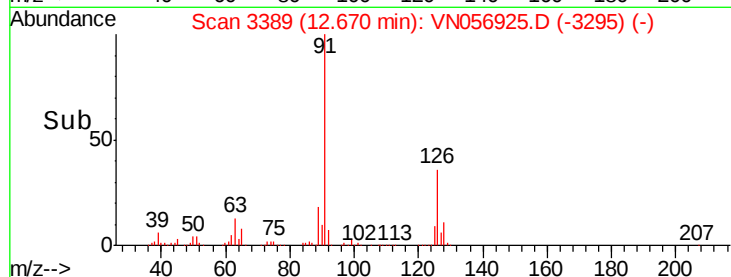
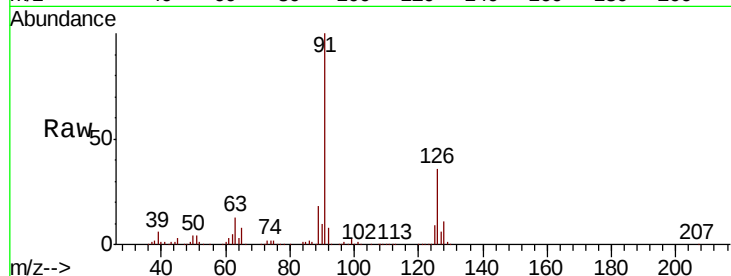
VSTDIC150

Tot Ion: 91 Resp: 2328755

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 129.443 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056925.D

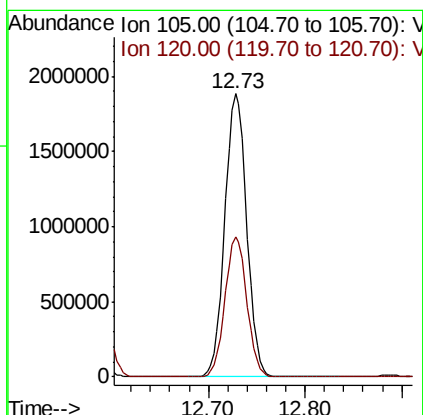
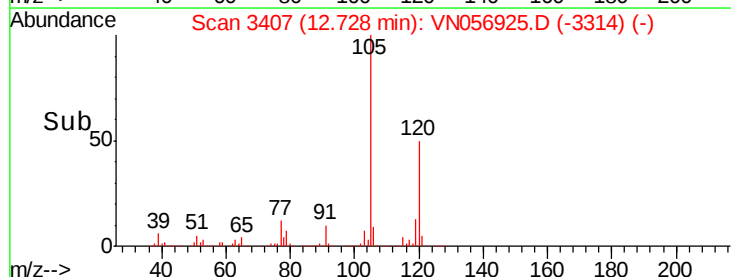
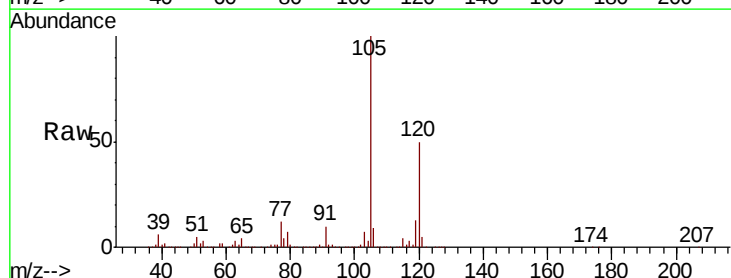
Acq: 25 Jul 2019 16:12

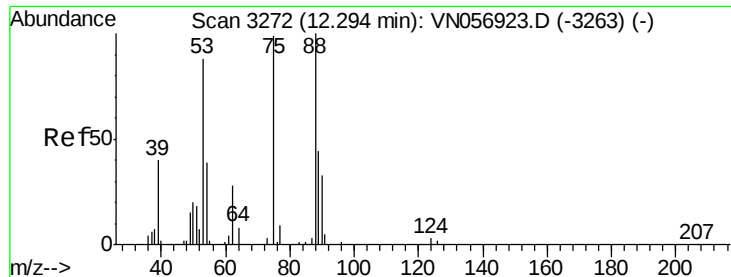
Tgt Ion:105 Resp: 2949697

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 154.976 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

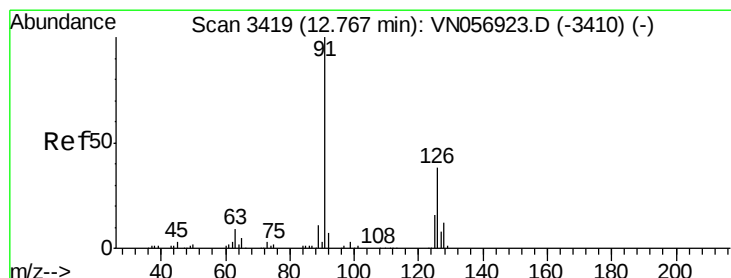
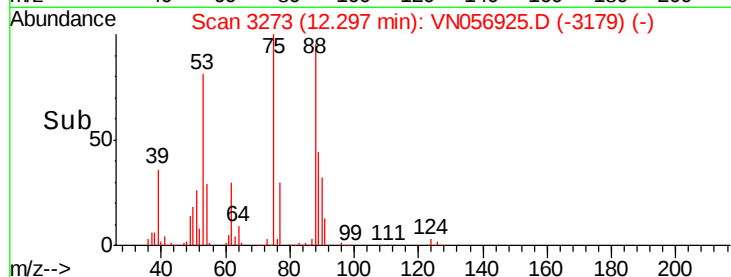
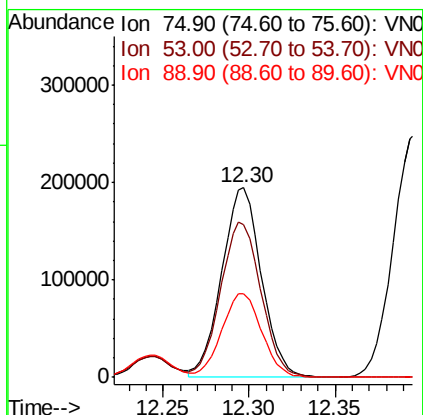
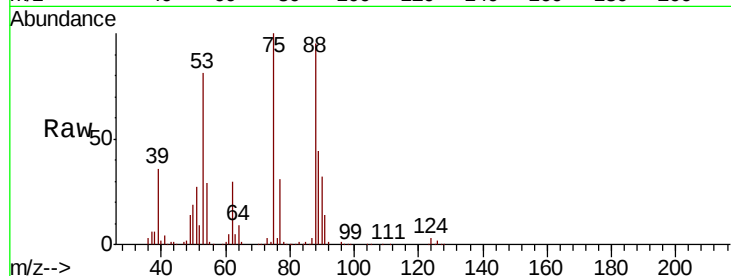
Tot Ion: 75 Resp: 311362

Ion Ratio Lower Upper

75 100

53 84.7 72.3 108.5

89 45.1 36.2 54.2



#82

4-Chlorotoluene

Concen: 138.145 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN056925.D

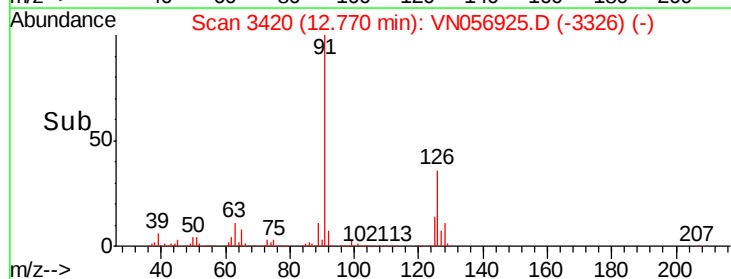
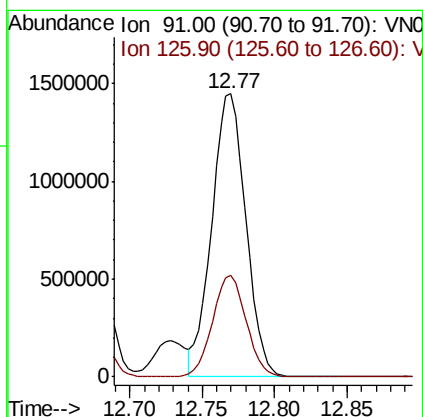
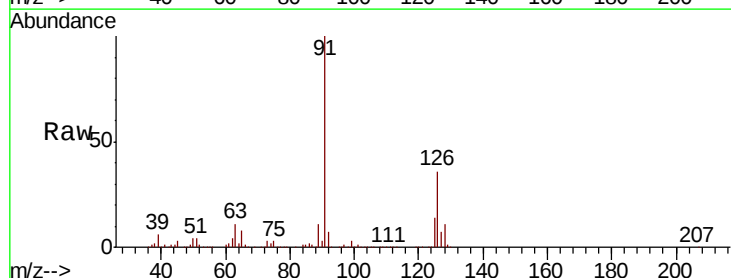
Acq: 25 Jul 2019 16:12

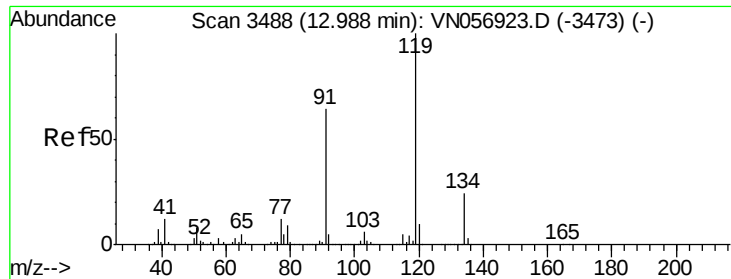
Tgt Ion: 91 Resp: 2364842

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.7

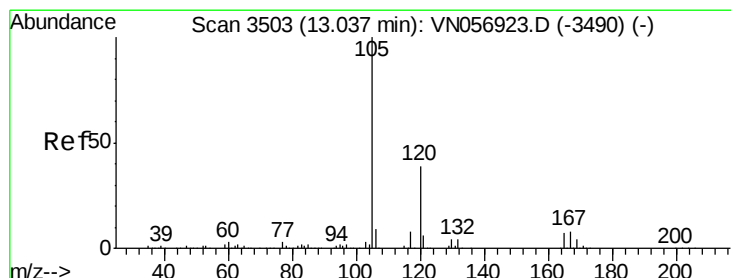
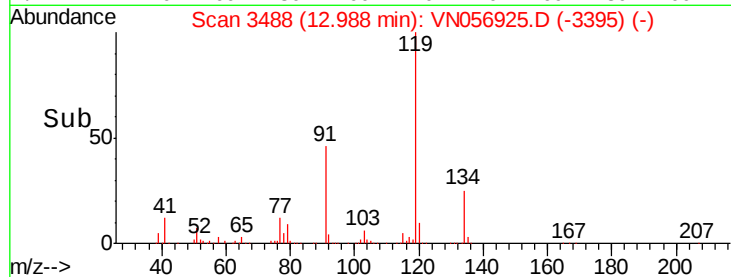
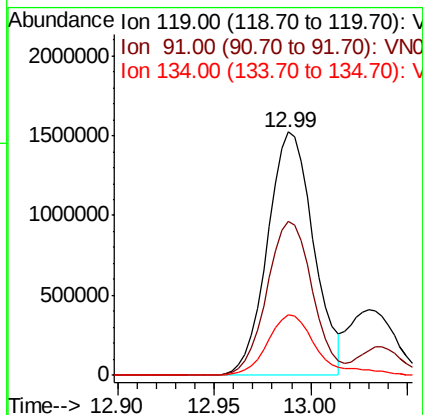
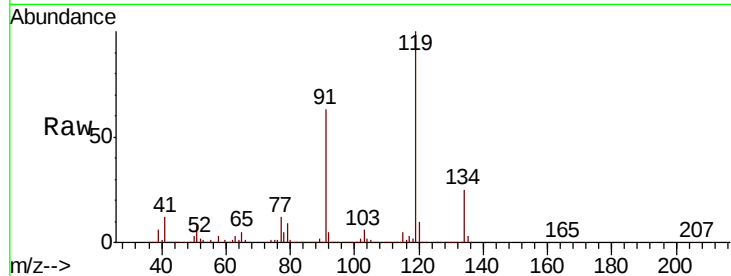




#83
tert-Butylbenzene
Concen: 126.252 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

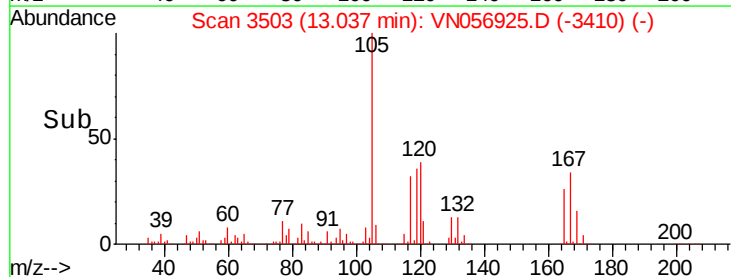
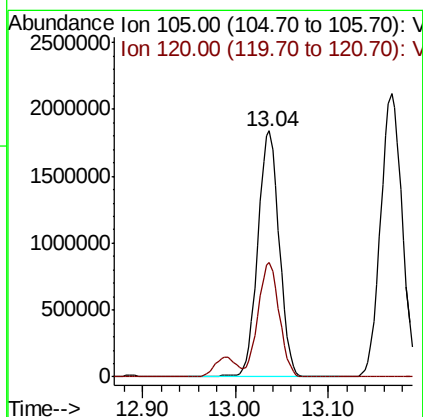
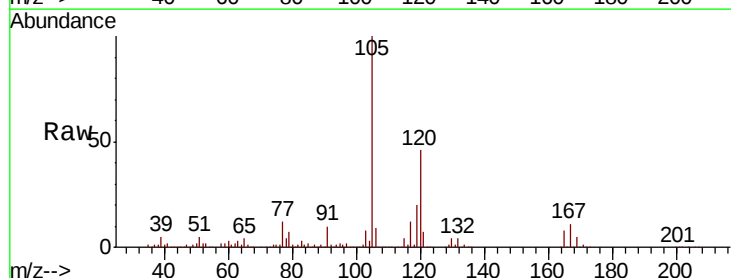
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

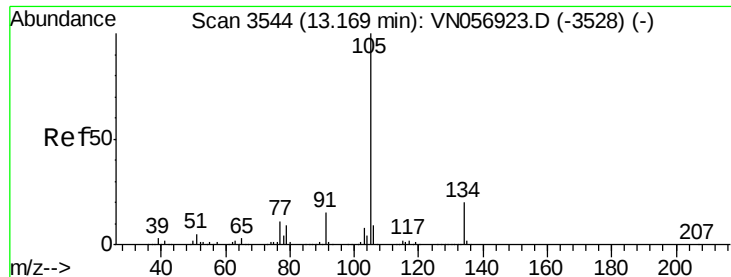
Tot Ion:119 Resp: 2518683
Ion Ratio Lower Upper
119 100
91 62.8 31.6 95.0
134 26.6 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 135.697 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion:105 Resp: 2946190
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 133.517 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

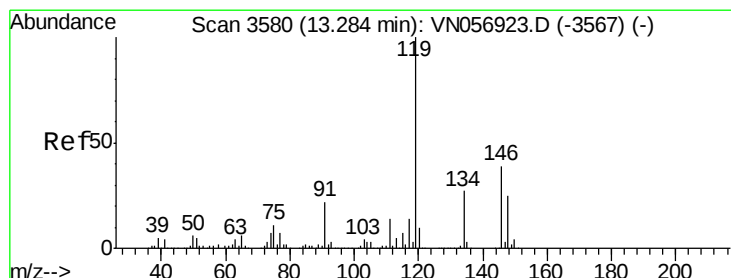
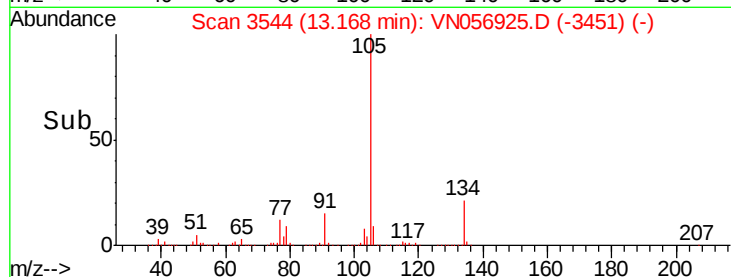
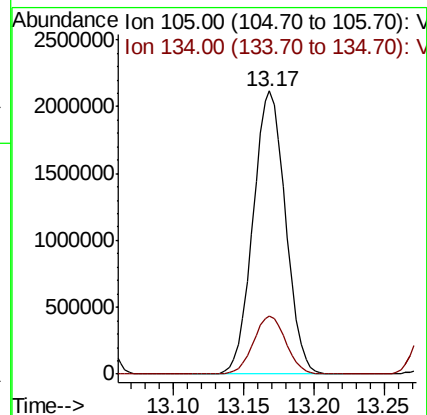
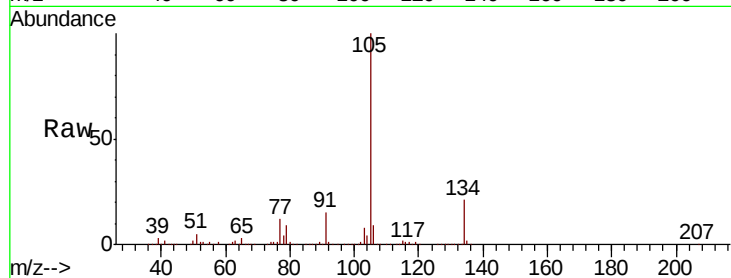
VSTDIC150

Tot Ion:105 Resp: 3408533

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 137.483 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

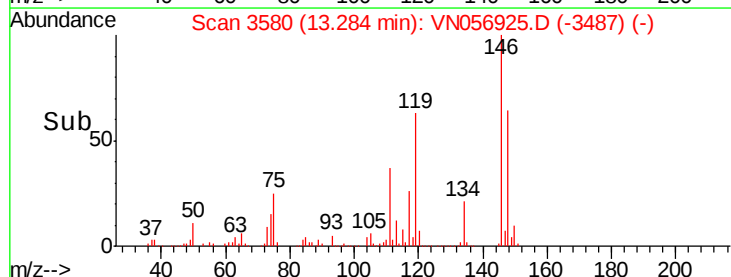
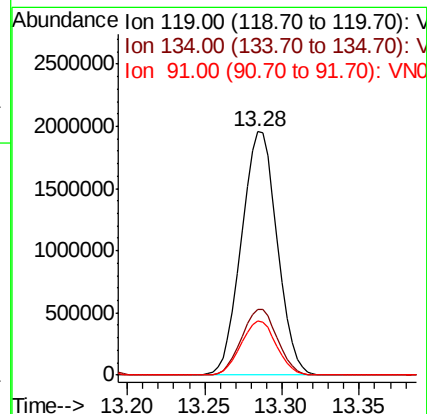
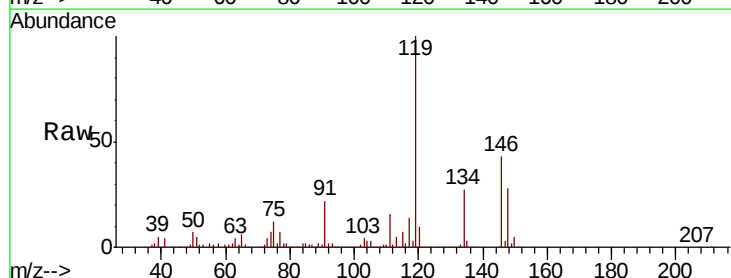
Tgt Ion:119 Resp: 3131455

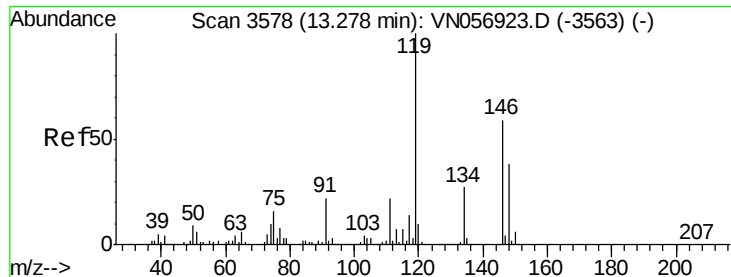
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.1 11.0 33.0

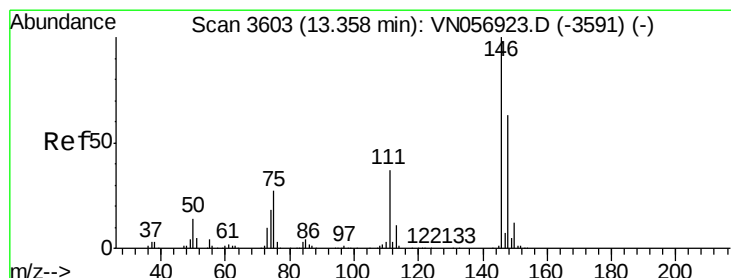
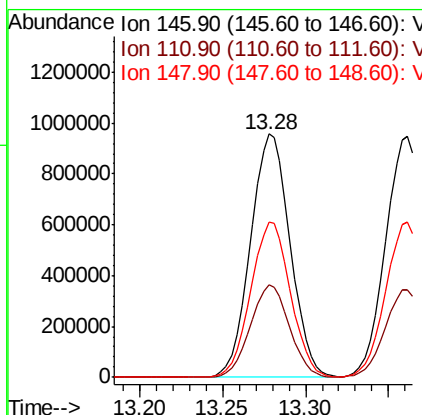
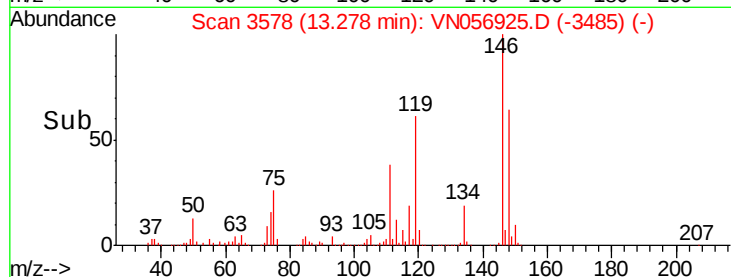
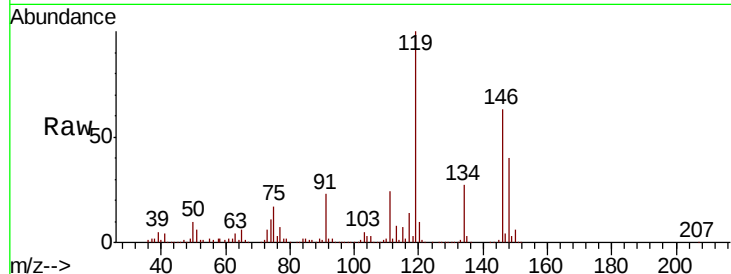




#87
 1,3-Dichlorobenzene
 Concen: 145.208 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

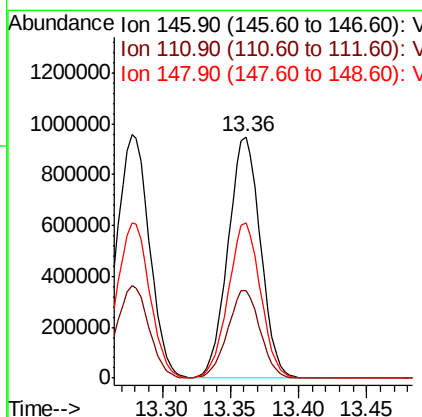
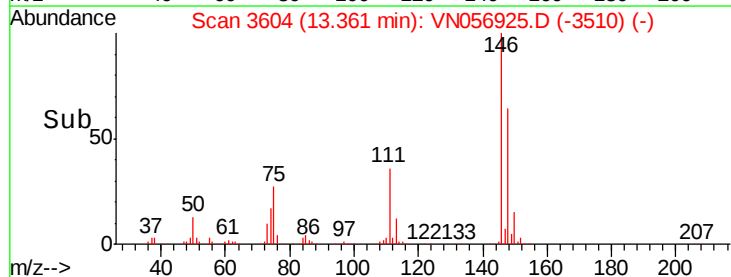
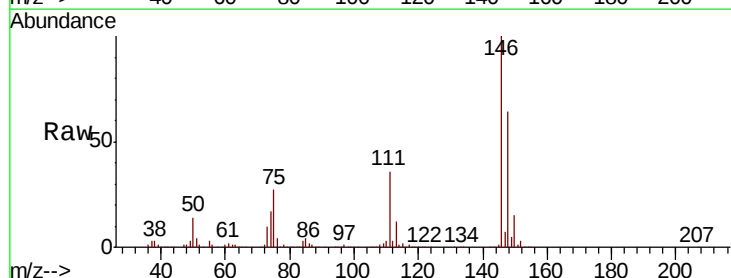
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

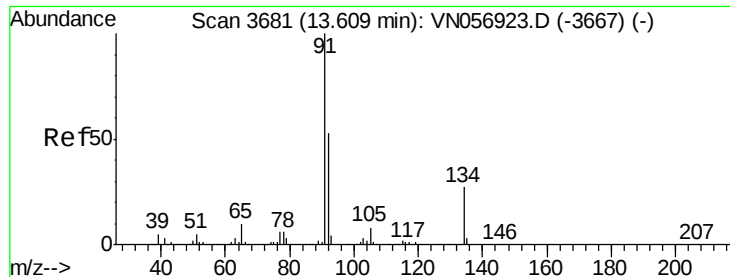
Tot Ion:146 Resp: 1590826
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 56.0
 148 64.1 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 147.525 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion:146 Resp: 1563454
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.9 56.5
 148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 154.930 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

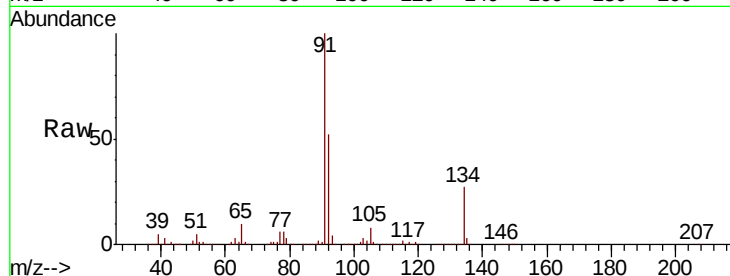
Tot Ion: 91 Resp: 2705002

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 26.9 13.5 40.5

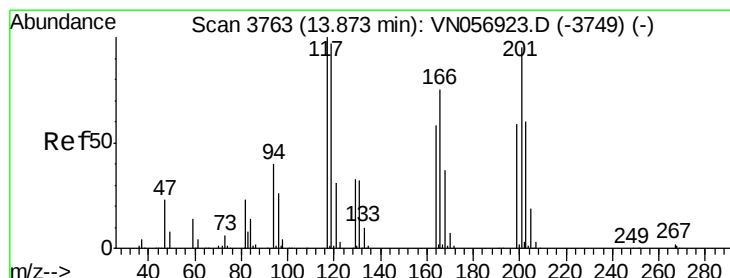
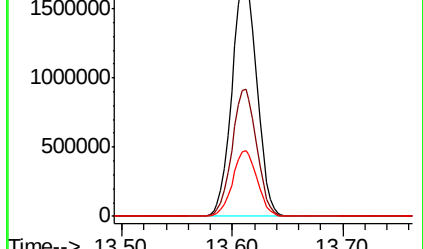
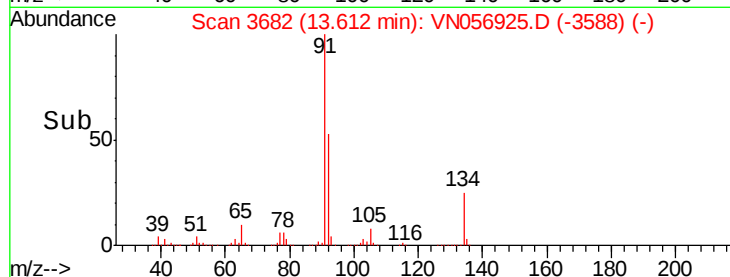


Abundance Ion 91.00 (90.70 to 91.70): VN056923.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN056923.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN056923.D (-3667) (-)

Time--> 13.50 13.60 13.70



#90

Hexachloroethane

Concen: 136.095 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056925.D

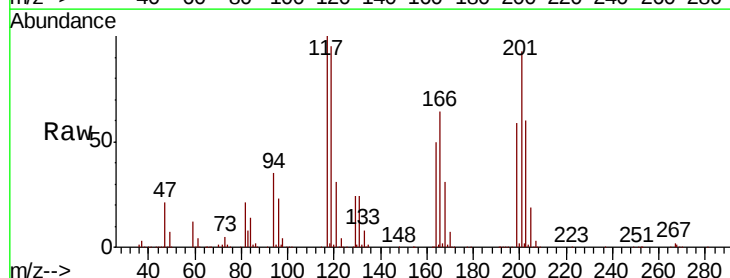
Acq: 25 Jul 2019 16:12

Tgt Ion: 117 Resp: 536087

Ion Ratio Lower Upper

117 100

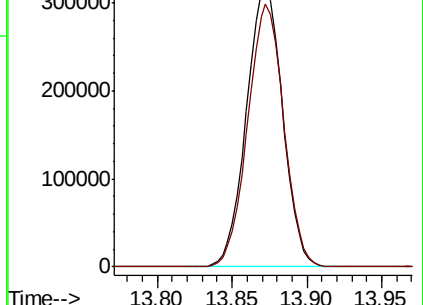
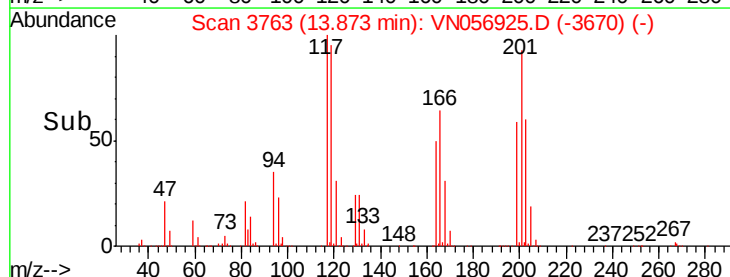
201 93.1 47.3 142.0

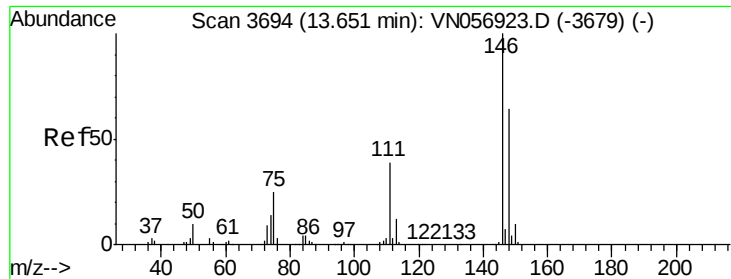


Abundance Ion 116.80 (116.50 to 117.50): VN056923.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056923.D (-3749) (-)

Time--> 13.80 13.85 13.90 13.95





#91

1,2-Dichlorobenzene

Concen: 140.011 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

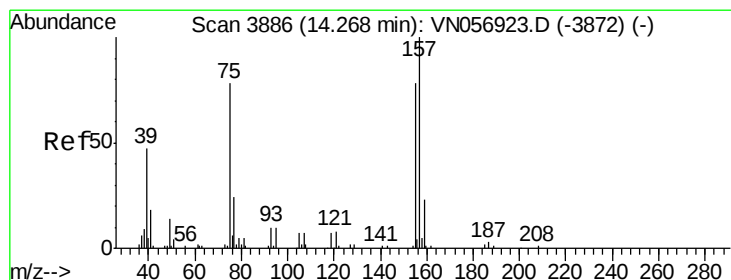
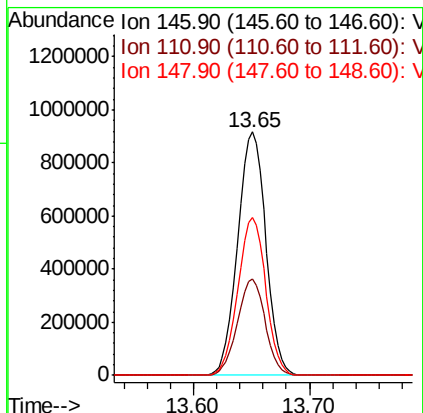
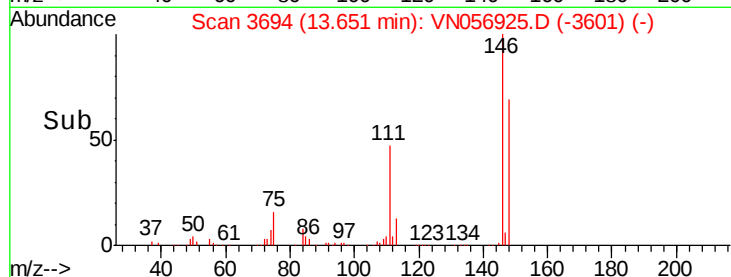
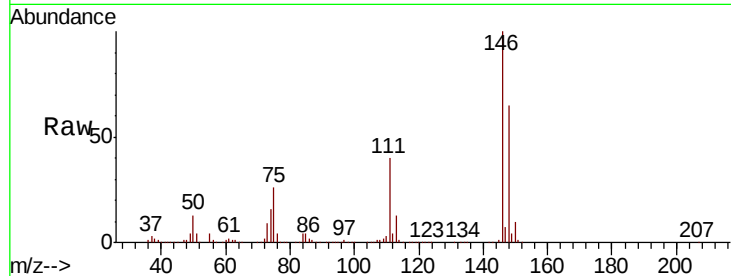
Tot Ion:146 Resp: 1537634

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

148 64.0 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 140.257 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056925.D

Acq: 25 Jul 2019 16:12

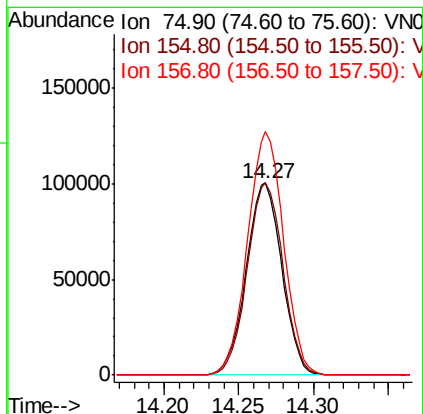
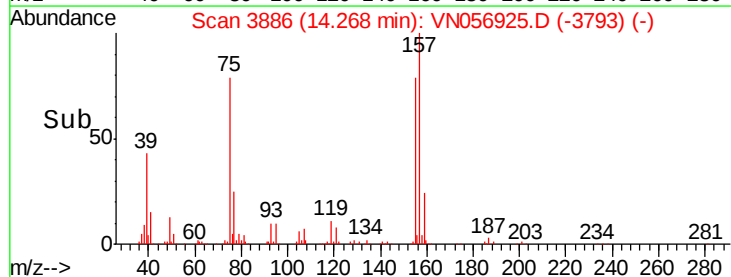
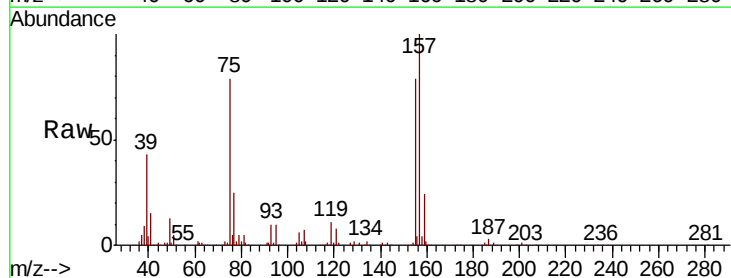
Tgt Ion: 75 Resp: 166787

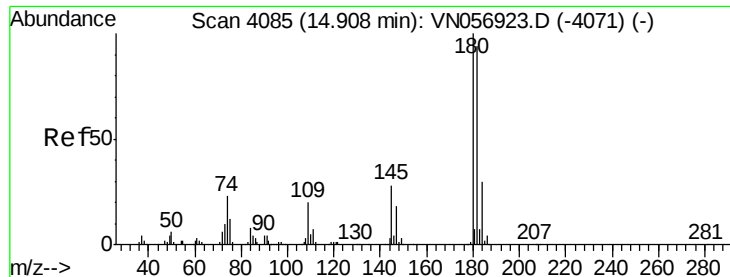
Ion Ratio Lower Upper

75 100

155 100.4 47.3 141.9

157 127.7 63.0 189.0

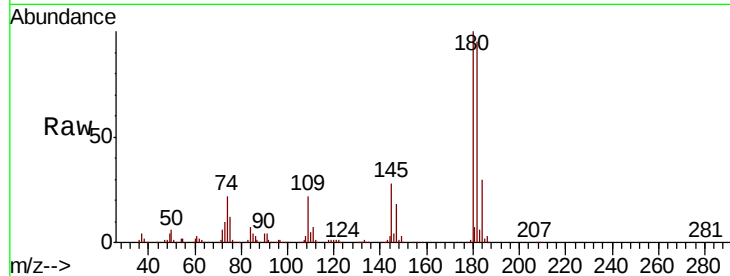




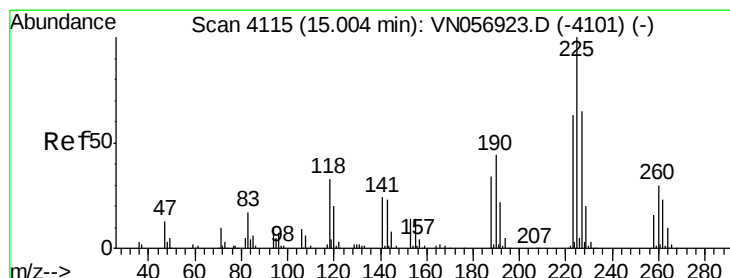
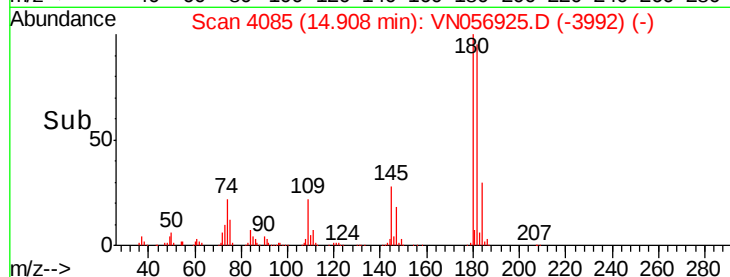
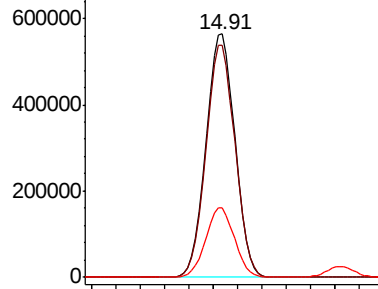
#93
 1,2,4-Trichlorobenzene
 Concen: 195.949 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 925506
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.8
 145 28.3 14.1 42.4

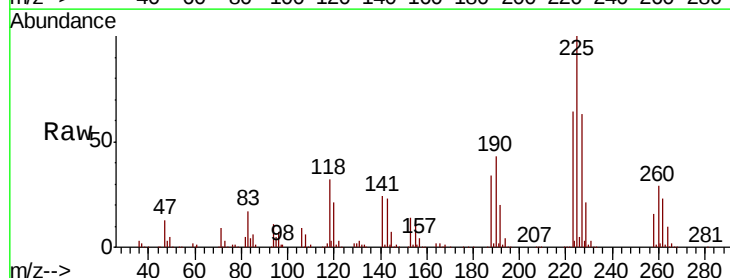


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

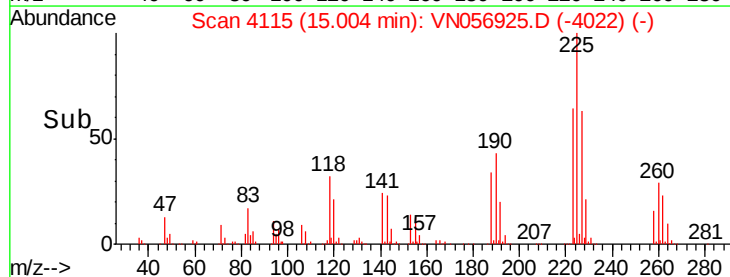
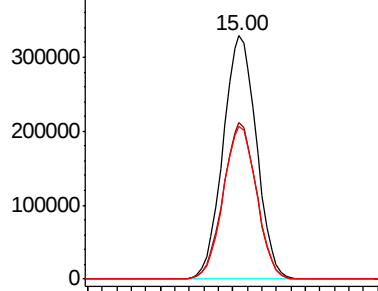


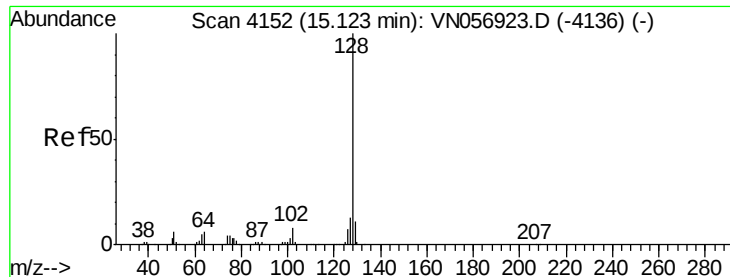
#94
 Hexachlorobutadiene
 Concen: 122.373 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN056925.D
 Acq: 25 Jul 2019 16:12

Tgt Ion:225 Resp: 528424
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.3 93.9
 227 63.0 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

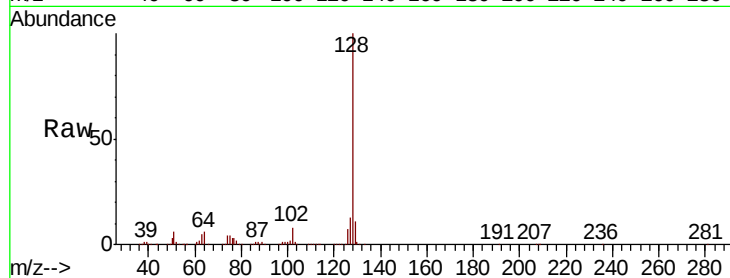




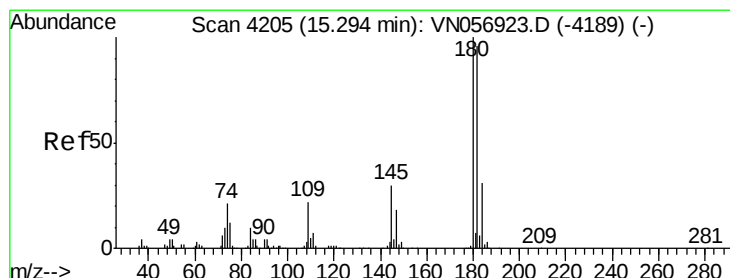
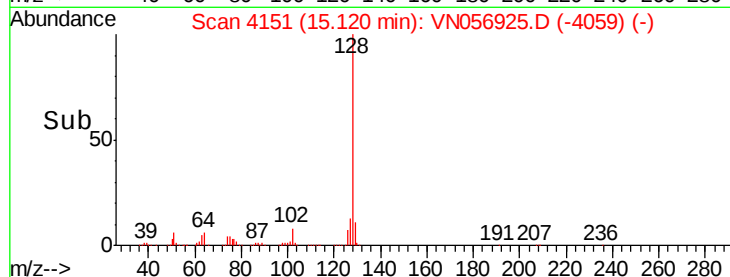
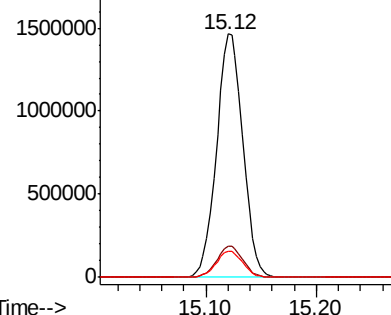
#95
Naphthalene
Concen: 194.714 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 2411924
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 13.0

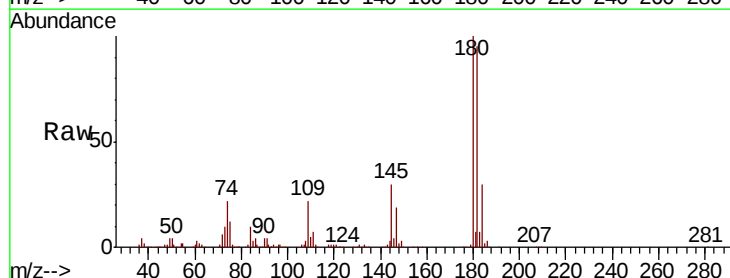


Abundance Ion 128.00 (127.70 to 128.70): V
2000000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 179.870 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN056925.D
Acq: 25 Jul 2019 16:12

Tgt Ion:180 Resp: 938923
Ion Ratio Lower Upper
180 100
182 95.8 48.4 145.3
145 30.5 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
600000 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

