

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056943.D
 Acq On : 26 Jul 2019 12:42
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 27 00:04:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 23:57:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	596771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	895061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	823919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	917563	149.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.04%	
35) Dibromofluoromethane	7.57	113	865784	152.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.06%	
50) Toluene-d8	10.08	98	3353647	155.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.06%	
62) 4-Bromofluorobenzene	12.39	95	1182725	168.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	336.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	999977	158.829	ug/l	98
3) Chloromethane	2.05	50	1221036	162.786	ug/l	100
4) Vinyl Chloride	2.18	62	1085464	152.691	ug/l	99
5) Bromomethane	2.51	94	632999	147.402	ug/l	98
6) Chloroethane	2.67	64	541775	137.528	ug/l	99
7) Trichlorofluoromethane	2.99	101	1351536	145.772	ug/l	100
8) Diethyl Ether	3.39	74	530784	152.897	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	821430	143.389	ug/l	100
10) Methyl Iodide	3.93	142	951627	114.911	ug/l	100
11) Tert butyl alcohol	4.77	59	636383	716.550	ug/l	99
12) 1,1-Dichloroethene	3.72	96	825554	149.958	ug/l	100
13) Acrolein	3.59	56	313951	641.763	ug/l	99
14) Allyl chloride	4.30	41	1390786	155.438	ug/l	100
15) Acrylonitrile	4.96	53	1988347	783.418	ug/l	98
16) Acetone	3.80	43	1660811	784.873	ug/l	100
17) Carbon Disulfide	4.03	76	2290551	155.119	ug/l	100
18) Methyl Acetate	4.30	43	1034020	140.614	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	2495585	153.463	ug/l	100
20) Methylene Chloride	4.53	84	940986	143.444	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	876109	148.792	ug/l	100
22) Diisopropyl ether	5.93	45	2767384	152.376	ug/l	97
23) Vinyl Acetate	5.87	43	10158692	807.497	ug/l	99
24) 1,1-Dichloroethane	5.83	63	1590143	148.785	ug/l	99
25) 2-Butanone	6.82	43	2497507	769.140	ug/l	98
26) 2,2-Dichloropropane	6.81	77	1253096	159.438	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	1012213	150.599	ug/l	98
28) Bromochloromethane	7.18	49	699800	142.687	ug/l	100
29) Tetrahydrofuran	7.19	42	1599591	753.072	ug/l	100
30) Chloroform	7.36	83	1553899	141.226	ug/l	100
31) Cyclohexane	7.63	56	1487379	143.073	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	1351173	153.627	ug/l	99
36) 1,1-Dichloropropene	7.78	75	1227093	151.912	ug/l	100
37) Ethyl Acetate	6.91	43	986523	148.756	ug/l	98
38) Carbon Tetrachloride	7.76	117	1190997	154.850	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1572548	159.237	ug/l	99
40) Benzene	8.03	78	3739280	149.032	ug/l	99
41) Methacrylonitrile	7.16	41	511628	173.430	ug/l	88
42) 1,2-Dichloroethane	8.11	62	1132433	146.349	ug/l	100
43) Isopropyl Acetate	8.15	43	1671994	154.120	ug/l	99
44) Trichloroethene	8.82	130	1023274	150.045	ug/l	100
45) 1,2-Dichloropropane	9.11	63	1003730	149.205	ug/l	99
46) Dibromomethane	9.20	93	613426	150.984	ug/l	99
47) Bromodichloromethane	9.39	83	1252929	157.782	ug/l	100
48) Methyl methacrylate	9.19	41	823636	158.981	ug/l	99
49) 1,4-Dioxane	9.19	88	321564	2999.616	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	4890103	758.166	ug/l	100
52) Toluene	10.15	92	2331654	155.341	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	1396818	173.973	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1567793	166.447	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	896433	148.367	ug/l	99
56) Ethyl methacrylate	10.42	69	1360448	166.834	ug/l	99
57) 1,3-Dichloropropane	10.70	76	1513559	153.311	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	2946691	910.072	ug/l	100
59) 2-Hexanone	10.74	43	3540276	798.907	ug/l	99
60) Dibromochloromethane	10.89	129	1025164	166.266	ug/l	99
61) 1,2-Dibromoethane	11.00	107	943247	157.783	ug/l	99
64) Tetrachloroethene	10.62	164	906360	123.153	ug/l	98
65) Chlorobenzene	11.43	112	2566685	150.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	963129	151.766	ug/l	99
67) Ethyl Benzene	11.50	91	4502477	153.897	ug/l	100
68) m/p-Xylenes	11.61	106	3373197	309.567	ug/l	99
69) o-Xylene	11.94	106	1636600	153.499	ug/l	100
70) Styrene	11.96	104	2886792	170.915	ug/l	99
71) Bromoform	12.12	173	750018	168.402	ug/l #	99
73) Isopropylbenzene	12.24	105	4368172	126.151	ug/l	100
74) N-amyl acetate	12.06	43	1455970	142.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1195497	118.476	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1497290	197.926	ug/l #	100
77) Bromobenzene	12.52	156	1178968	132.950	ug/l	100
78) n-propylbenzene	12.59	91	4969194	135.816	ug/l	99
79) 2-Chlorotoluene	12.67	91	2938451	129.002	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3680224	128.694	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	397146	161.887	ug/l	97
82) 4-Chlorotoluene	12.77	91	2973329	142.242	ug/l	100
83) tert-Butylbenzene	12.99	119	3247716	128.722	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	3651967	135.027	ug/l	100
85) sec-Butylbenzene	13.17	105	4264458	133.849	ug/l	100
86) p-Isopropyltoluene	13.28	119	3914945	138.879	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1951120	147.268	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1914426	150.457	ug/l	99
89) n-Butylbenzene	13.61	91	3295865	151.274	ug/l	99
90) Hexachloroethane	13.87	117	687094	136.834	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1856065	138.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	197446	143.242	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jul 26 23:57:36 2019
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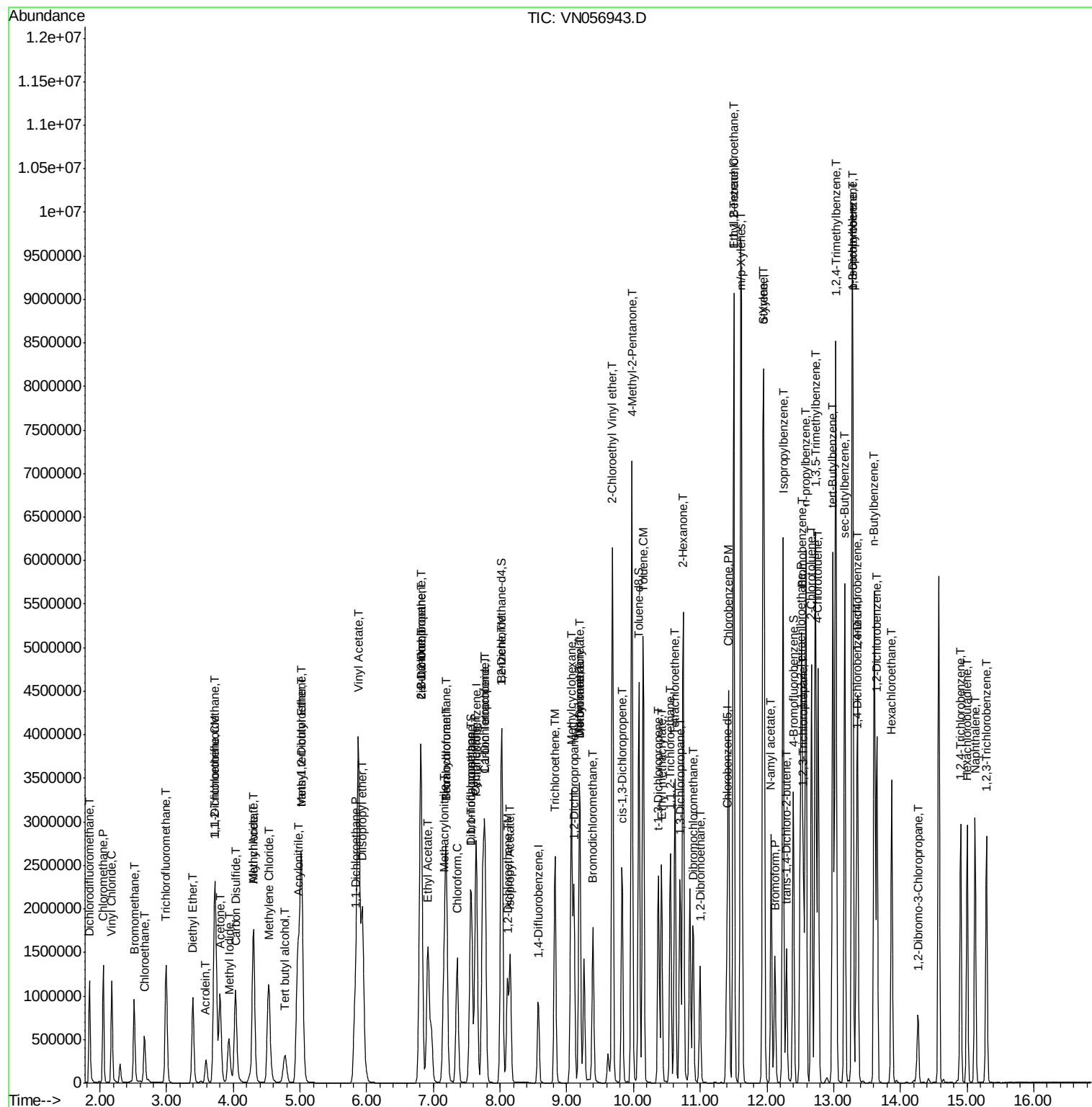
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	1054906	188.221	ug/l	100
94) Hexachlorobutadiene	15.00	225	638059	117.107	ug/l	98
95) Naphthalene	15.12	128	2586102	185.224	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	1048082	174.212	ug/l	99

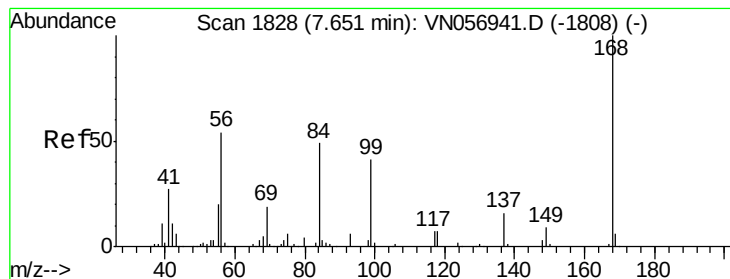
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

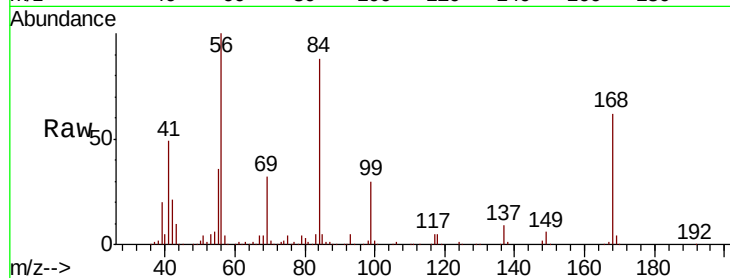
VSTDIC150

Tot Ion:168 Resp: 596771

Ion Ratio Lower Upper

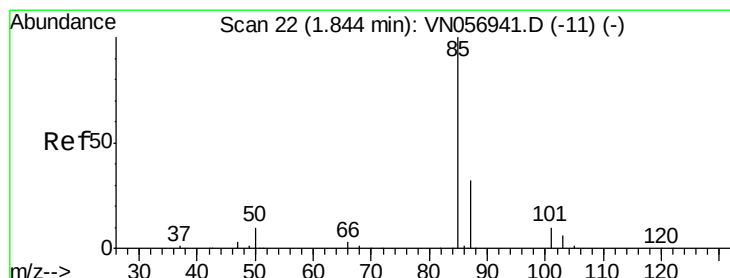
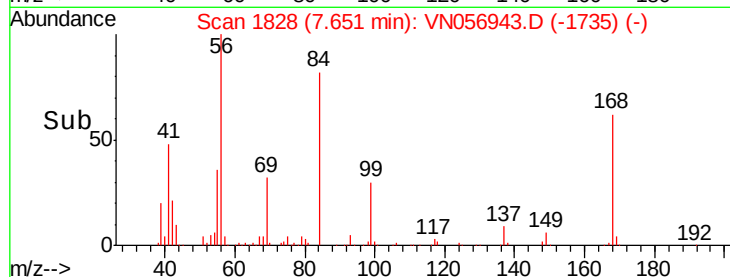
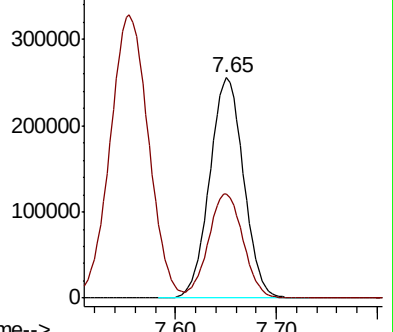
168 100

99 47.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 158.829 ug/l

RT: 1.84 min Scan# 21

Delta R.T. -0.00 min

Lab File: VN056943.D

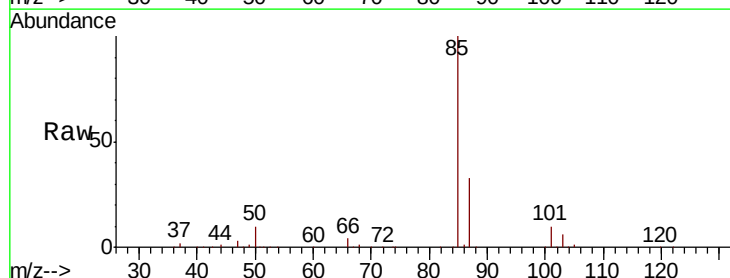
Acq: 26 Jul 2019 12:42

Tgt Ion: 85 Resp: 999977

Ion Ratio Lower Upper

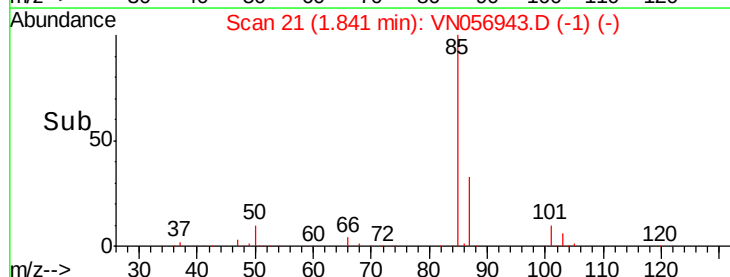
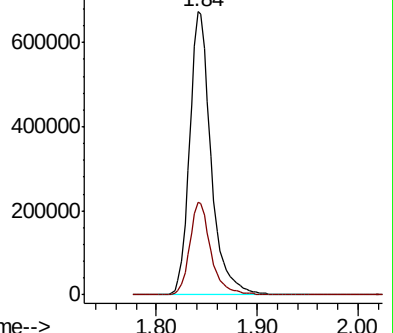
85 100

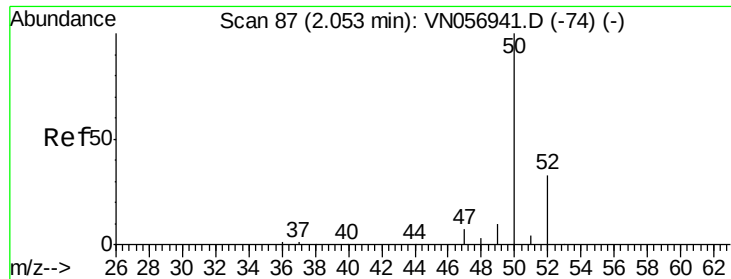
87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 162.786 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

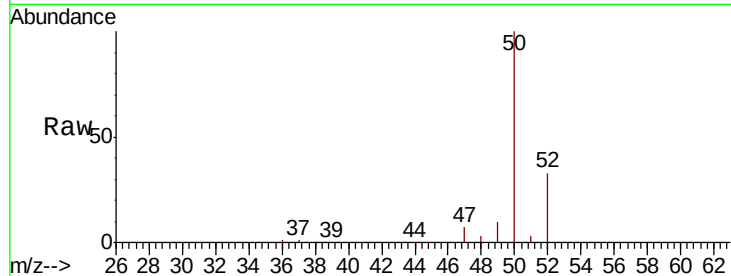
VSTDIC150

Tot Ion: 50 Resp: 1221036

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN056943.D (-74) (-)

Ion 51.90 (51.60 to 52.60): VN056943.D (-74) (-)

2.05

800000

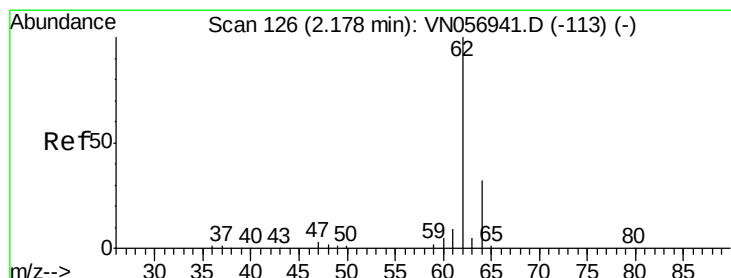
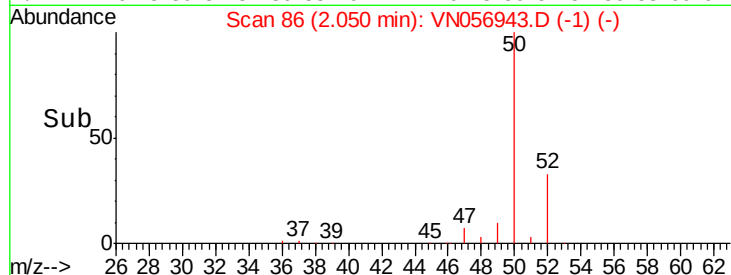
600000

400000

200000

0

Time-->



#4

Vinyl Chloride

Concen: 152.691 ug/l

RT: 2.18 min Scan# 125

Delta R.T. -0.00 min

Lab File: VN056943.D

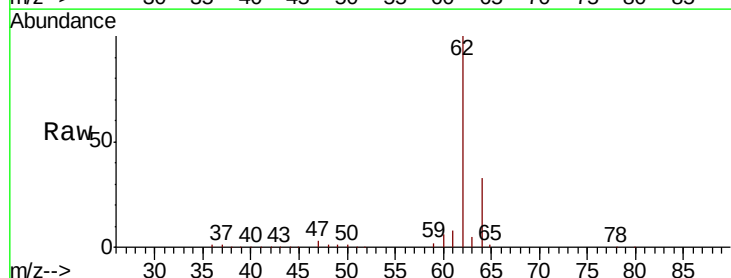
Acq: 26 Jul 2019 12:42

Tgt Ion: 62 Resp: 1085464

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VN056943.D (-113) (-)

Ion 63.90 (63.60 to 64.60): VN056943.D (-113) (-)

2.18

800000

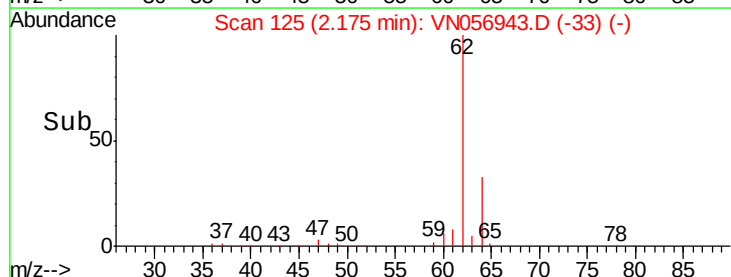
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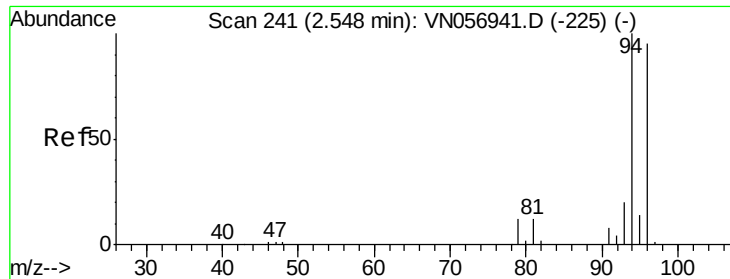
400000

200000

0

Time-->

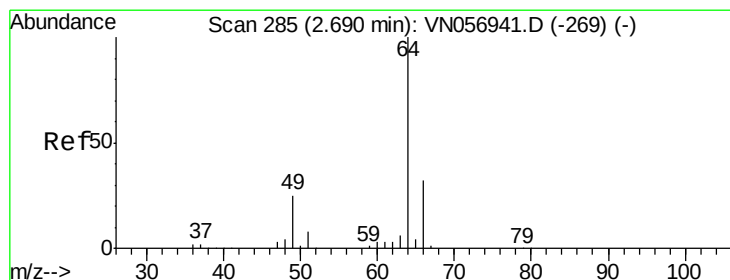
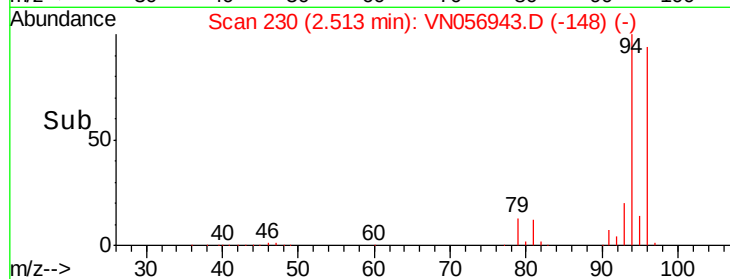
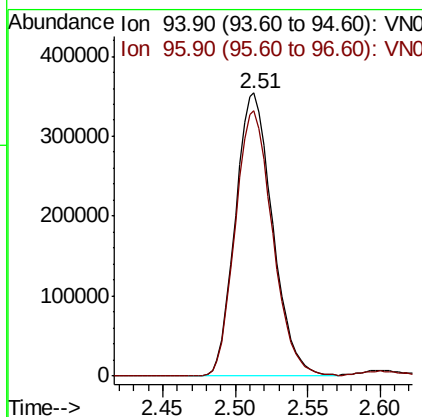
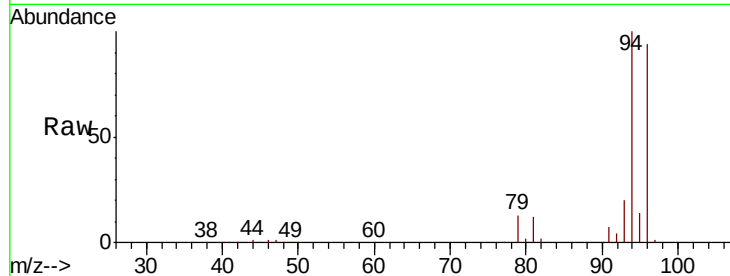




#5
Bromomethane
Concen: 147.402 ug/l
RT: 2.51 min Scan# 230
Delta R.T. -0.04 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

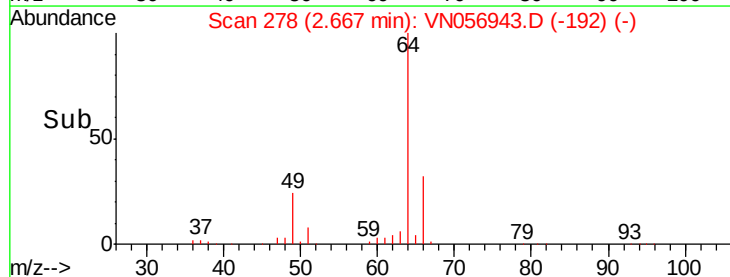
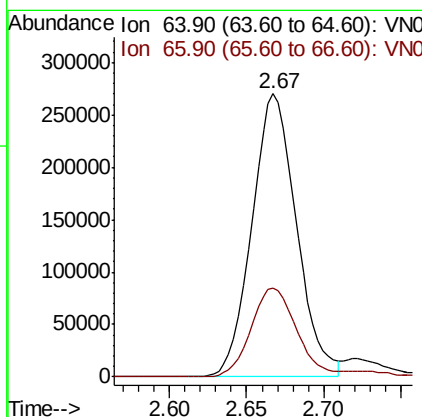
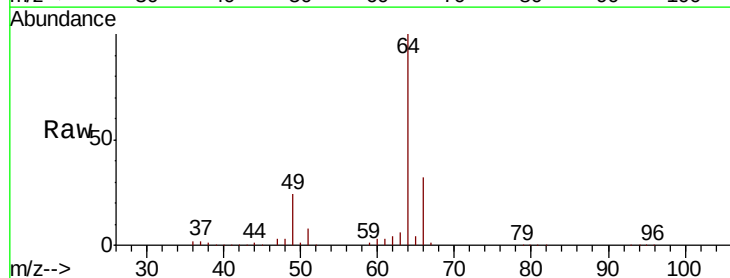
Instrument :
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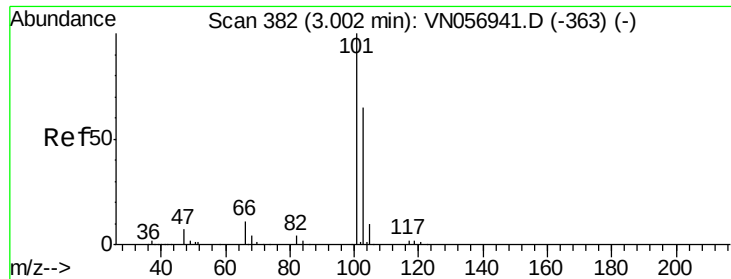
Tot Ion: 94 Resp: 632999
Ion Ratio Lower Upper
94 100
96 93.7 76.2 114.2



#6
Chloroethane
Concen: 137.528 ug/l
RT: 2.67 min Scan# 278
Delta R.T. -0.02 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 64 Resp: 541775
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.8



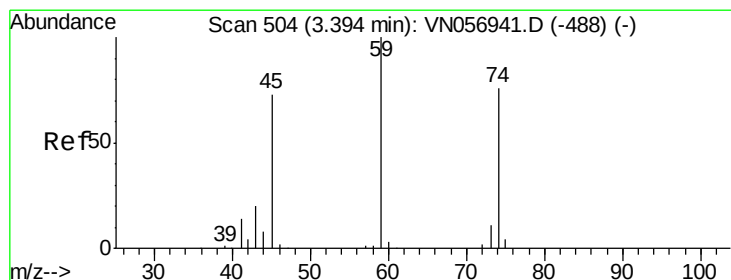
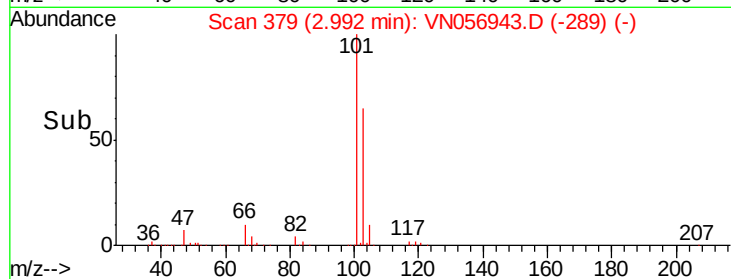
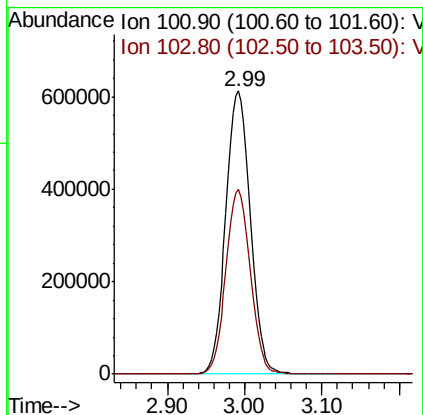
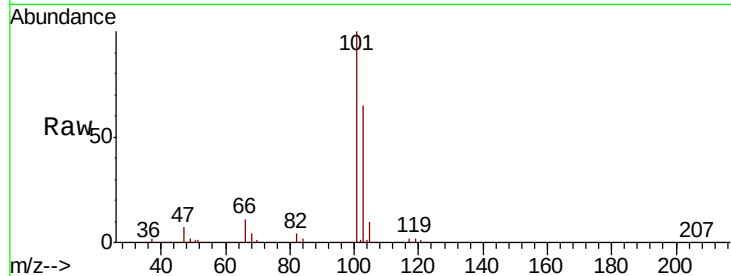


#7

Trichlorofluoromethane
Concen: 145.772 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.01 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

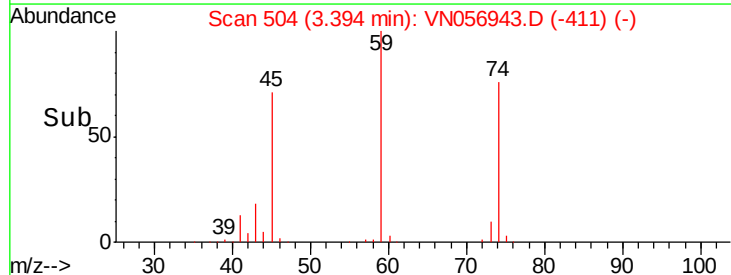
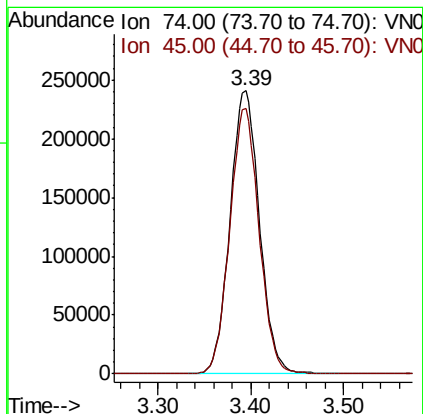
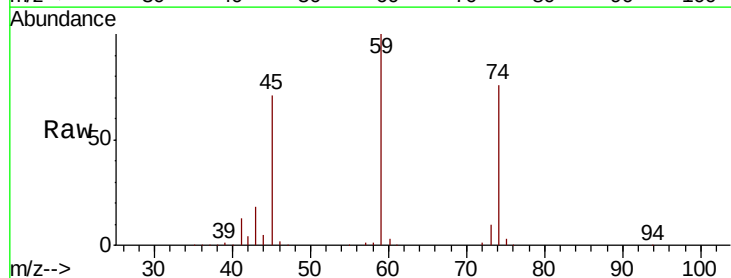
Tot Ion:101 Resp: 1351536
Ion Ratio Lower Upper
101 100
103 65.2 52.1 78.1

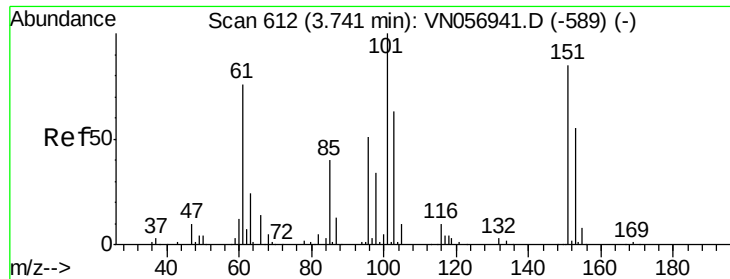


#8

Diethyl Ether
Concen: 152.897 ug/l
RT: 3.39 min Scan# 504
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 74 Resp: 530784
Ion Ratio Lower Upper
74 100
45 93.6 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 143.389 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

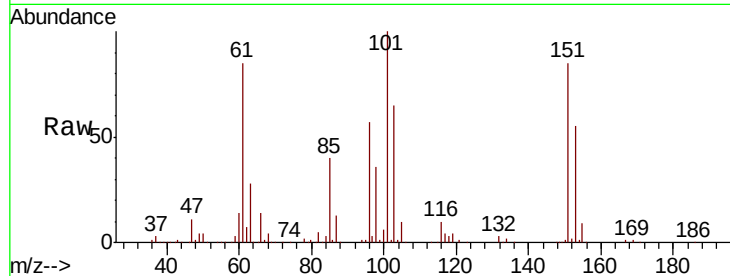
Tot Ion:101 Resp: 821430

Ion Ratio Lower Upper

101 100

85 40.7 32.3 48.5

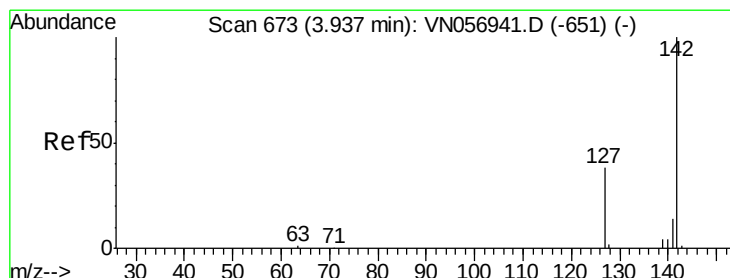
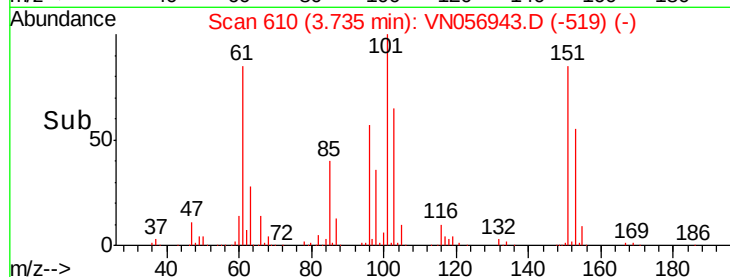
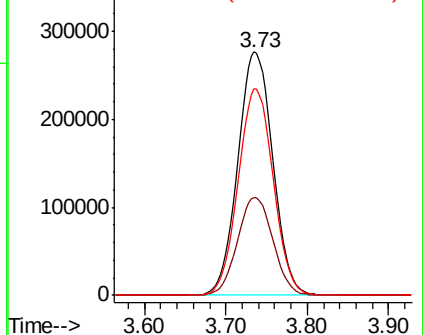
151 85.1 68.0 102.0



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: 114.911 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

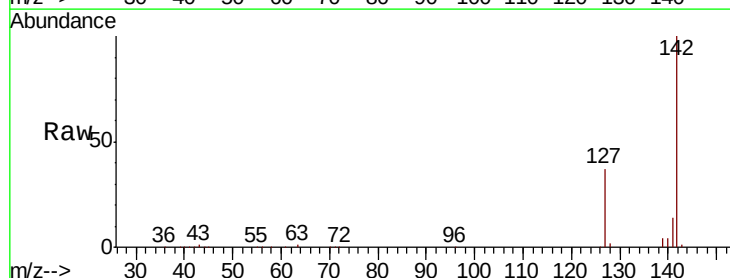
Tgt Ion:142 Resp: 951627

Ion Ratio Lower Upper

142 100

127 38.2 30.4 45.6

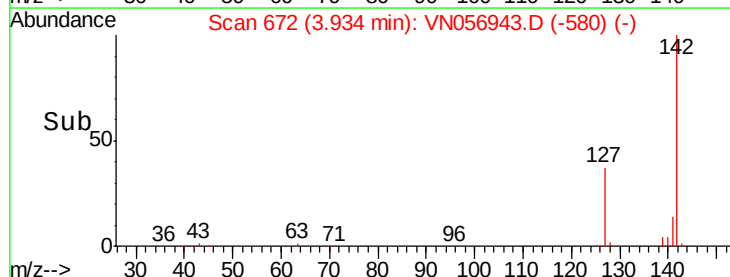
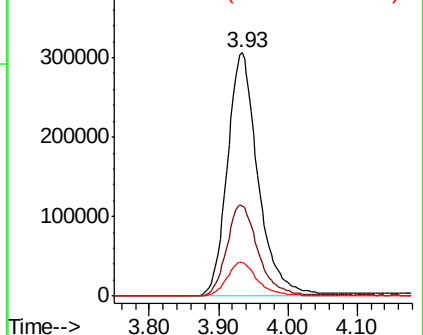
141 14.0 11.1 16.7

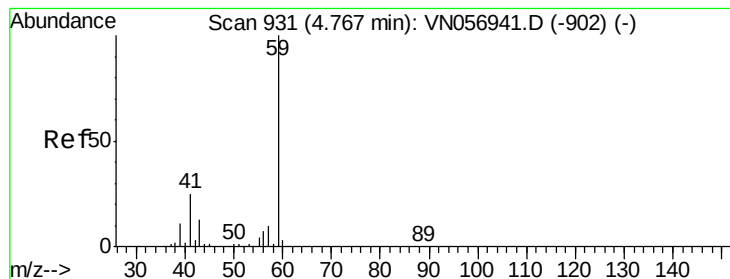


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



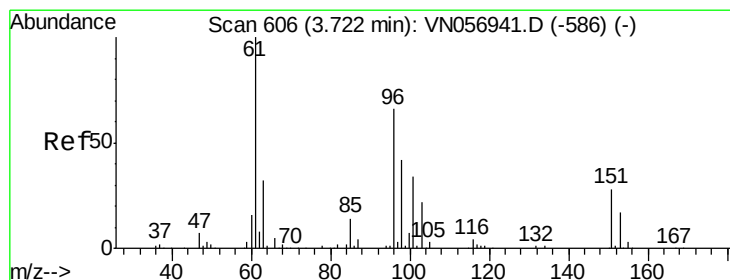
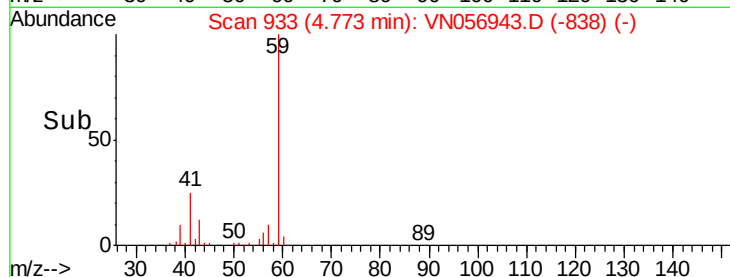
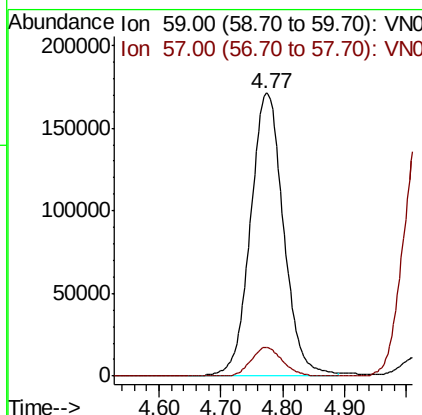
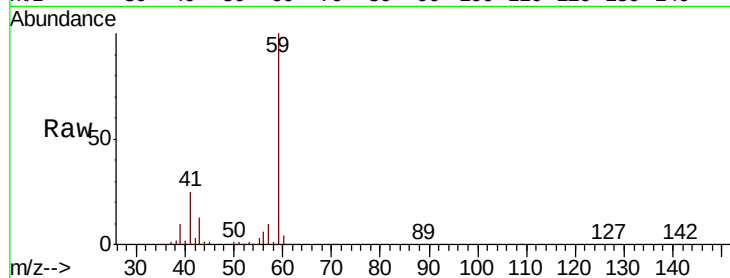


#11

Tert butyl alcohol
 Concen: 716.550 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

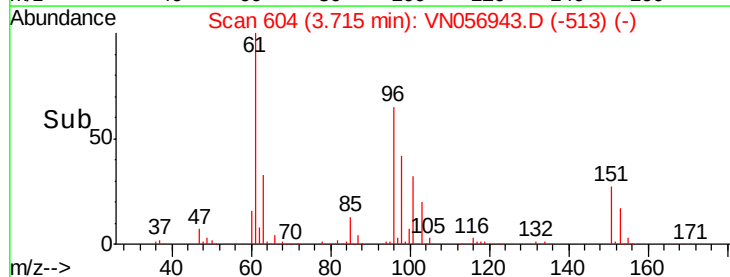
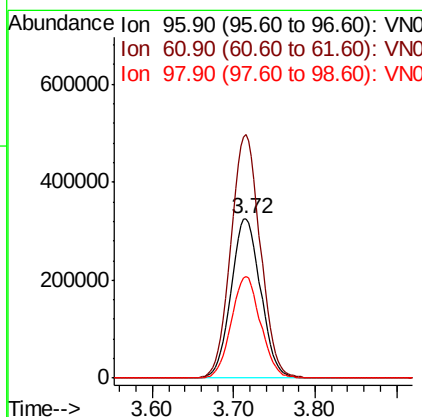
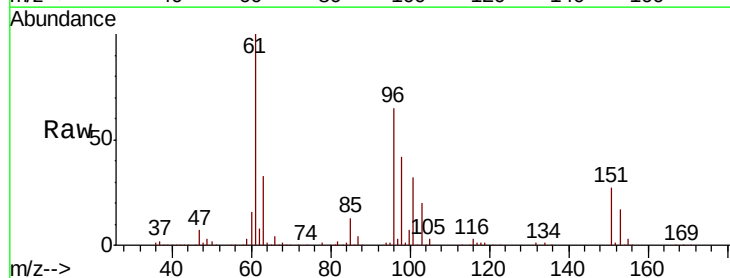
Tot Ion: 59 Resp: 636383
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.5 11.3

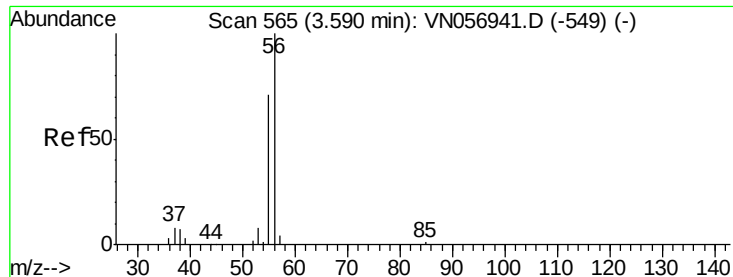


#12

1,1-Dichloroethene
 Concen: 149.958 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion: 96 Resp: 825554
 Ion Ratio Lower Upper
 96 100
 61 152.8 121.8 182.8
 98 64.0 51.7 77.5





#13

Acrolein

Concen: 641.763 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

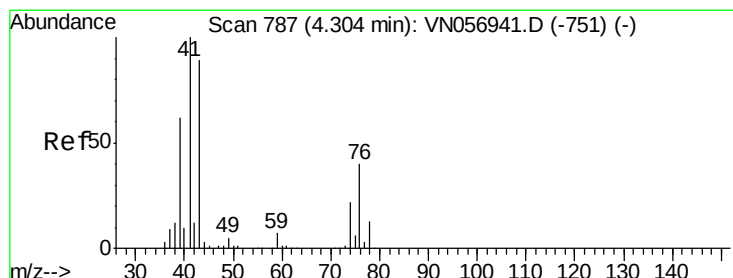
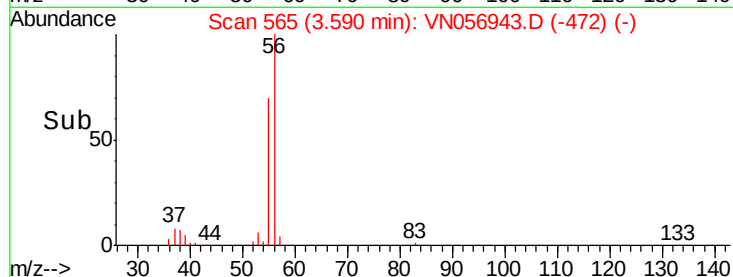
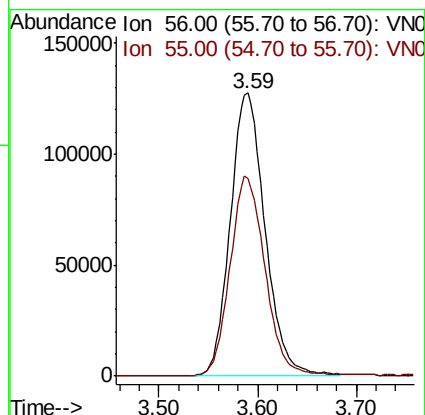
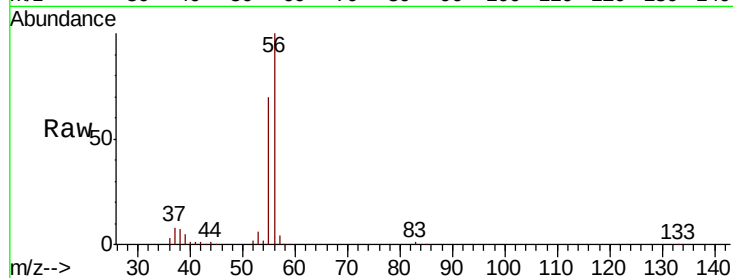
VSTDIC150

Tot Ion: 56 Resp: 313951

Ion Ratio Lower Upper

56 100

55 70.3 55.8 83.6



#14

Allyl chloride

Concen: 155.438 ug/l

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

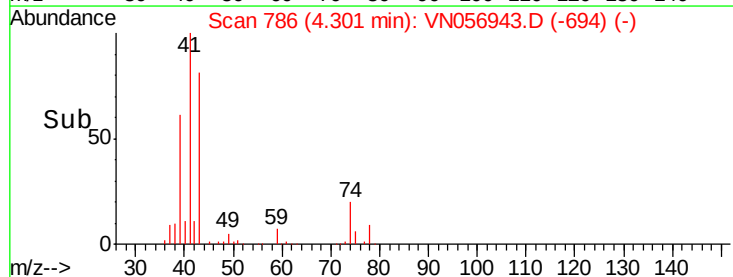
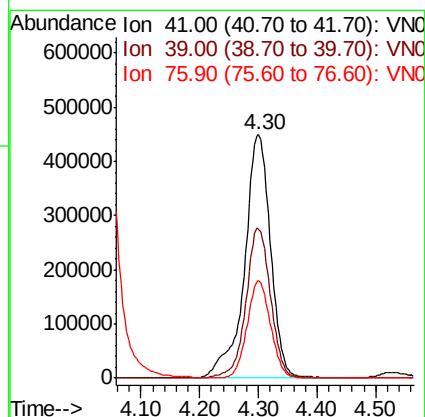
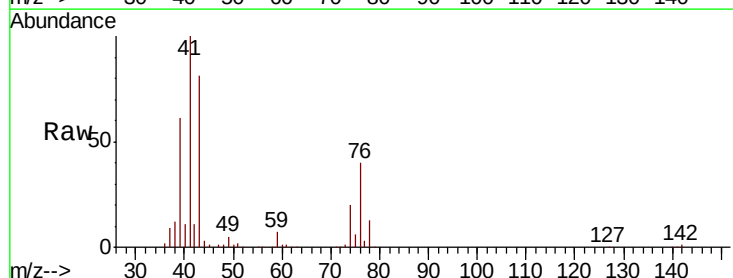
Tgt Ion: 41 Resp: 1390786

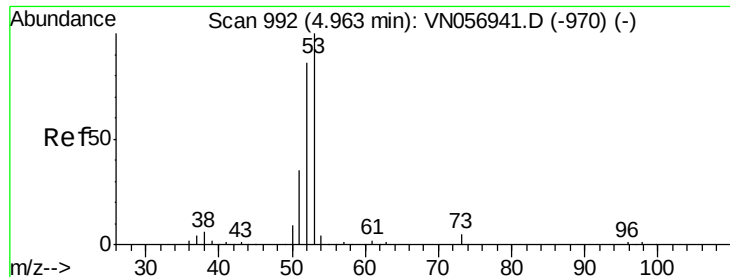
Ion Ratio Lower Upper

41 100

39 58.1 46.4 69.6

76 35.7 28.4 42.6





#15

Acrylonitrile

Concen: 783.418 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

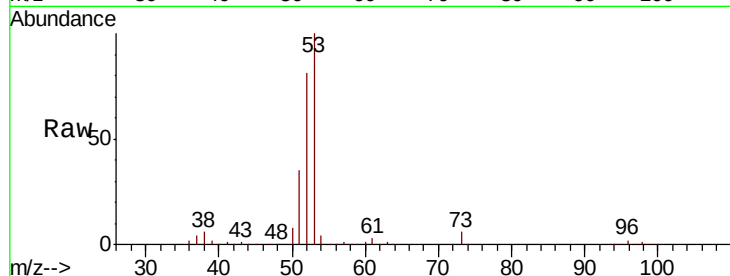
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1988347

Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.5	99.7
51	34.8	28.4	42.6

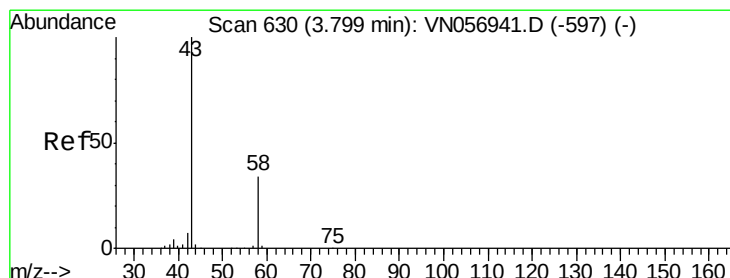
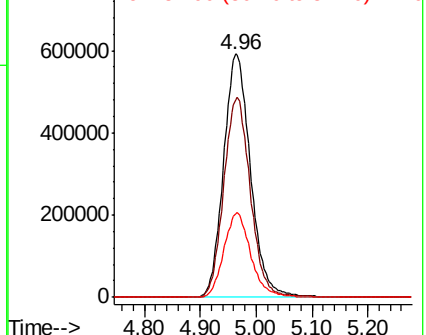
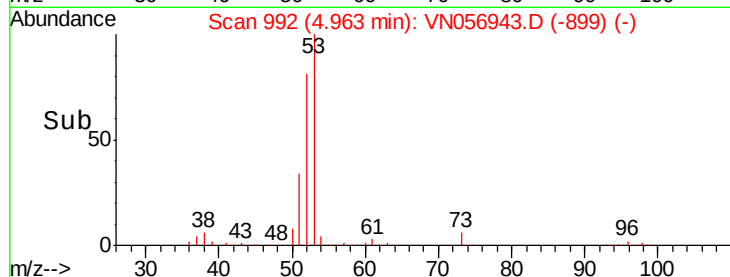


Abundance

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: 784.873 ug/l

RT: 3.80 min Scan# 630

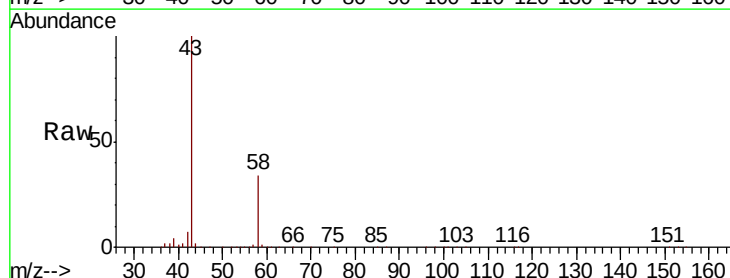
Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Tgt Ion: 43 Resp: 1660811

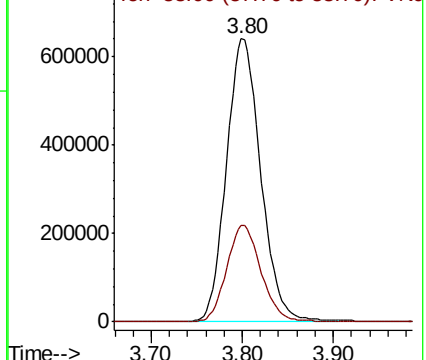
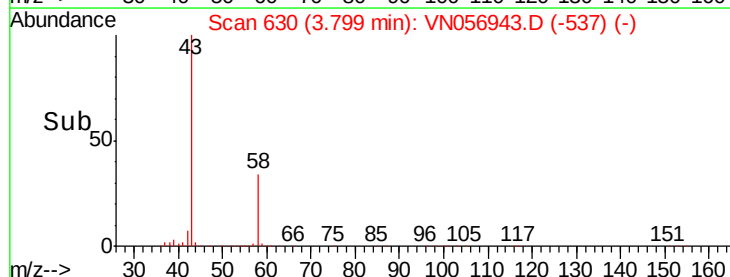
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.2	40.8

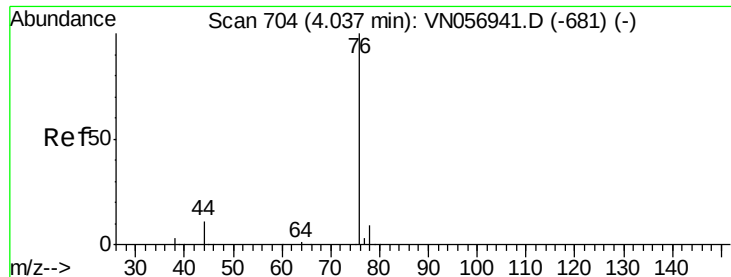


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

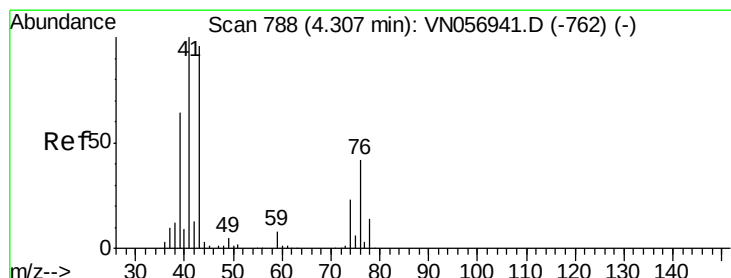
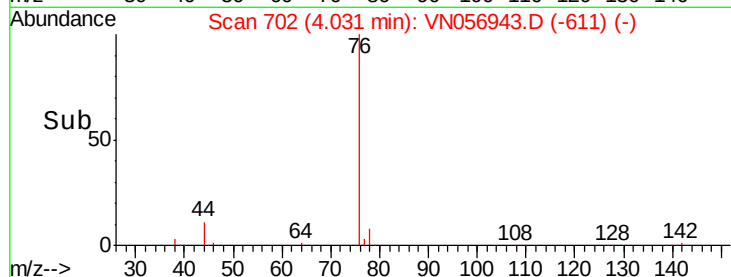
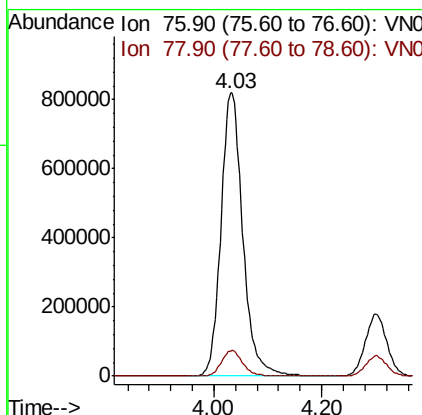
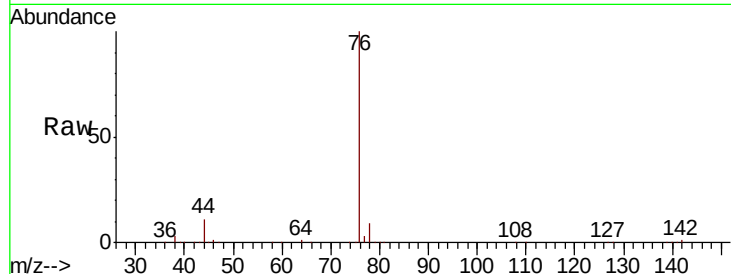




#17
Carbon Disulfide
Concen: 155.119 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.01 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

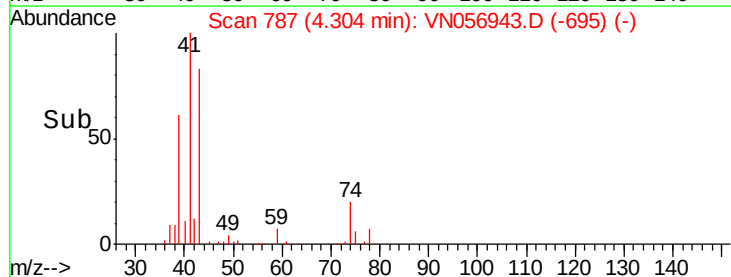
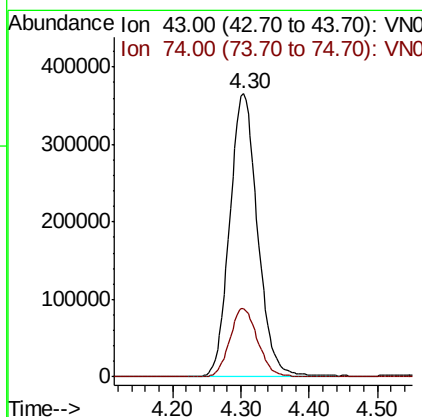
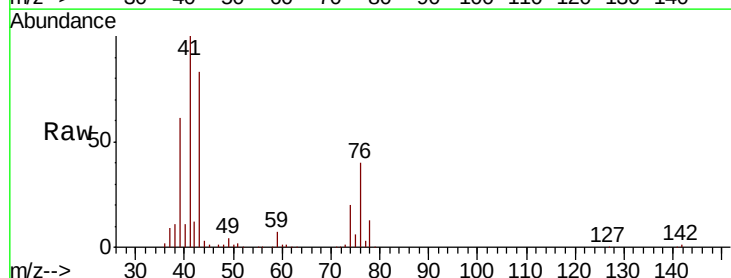
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

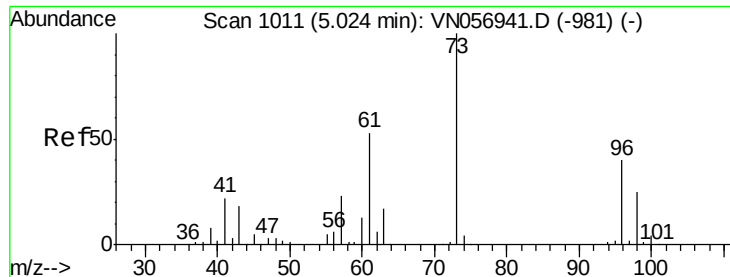
Tot Ion: 76 Resp: 2290551
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 140.614 ug/l
RT: 4.30 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 43 Resp: 1034020
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5

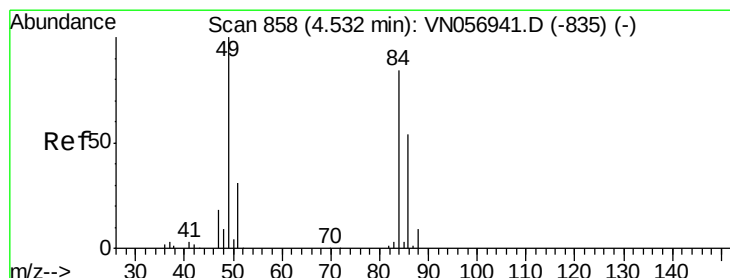
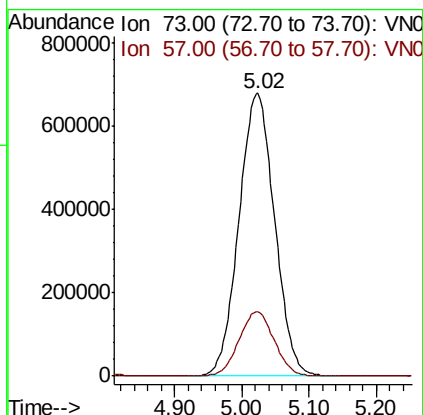
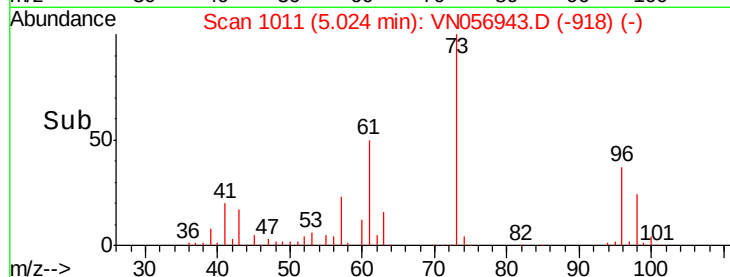
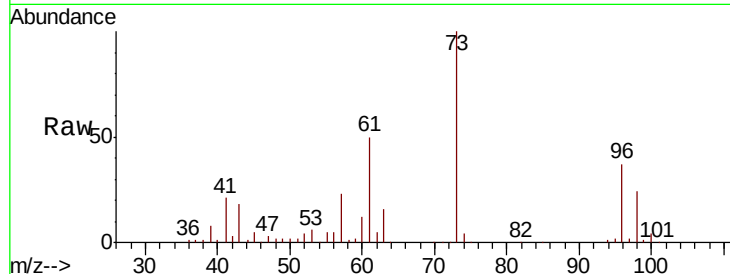




#19
Methyl tert-butyl Ether
Concen: 153.463 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

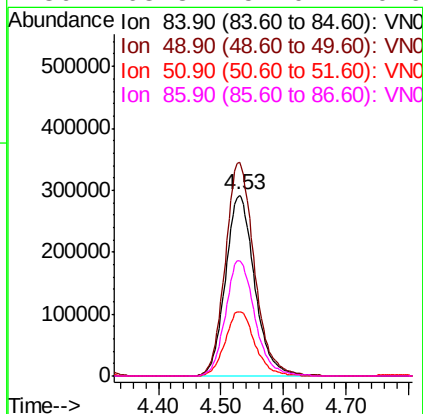
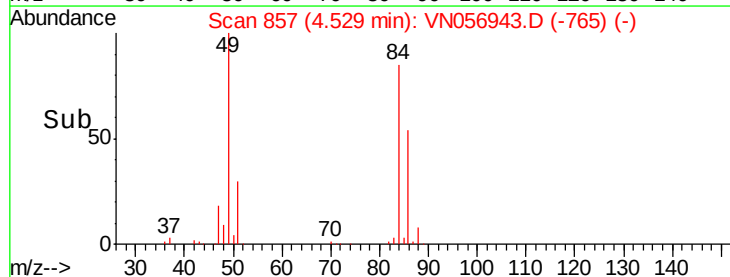
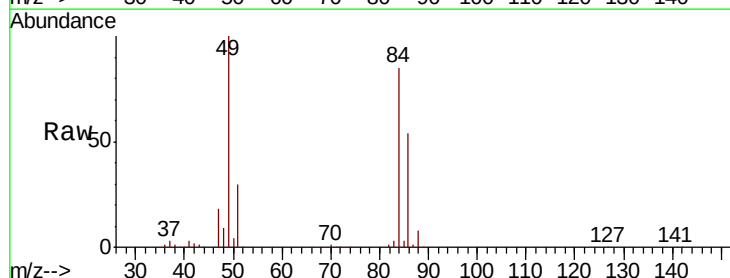
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

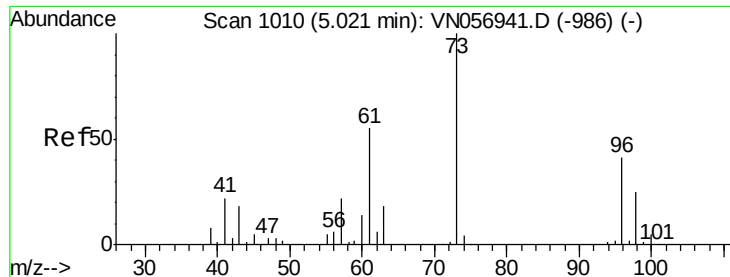
Tot Ion: 73 Resp: 2495585
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 143.444 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 84 Resp: 940986
Ion Ratio Lower Upper
84 100
49 118.2 95.2 142.8
51 35.6 29.7 44.5
86 63.8 51.0 76.6

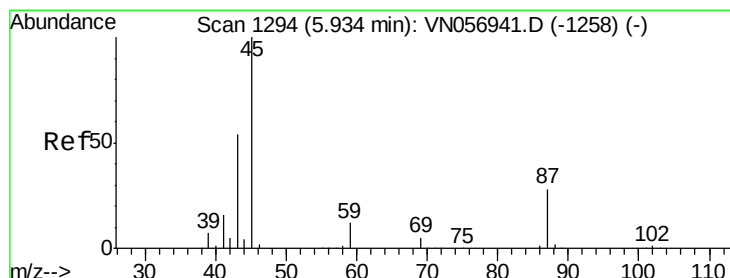
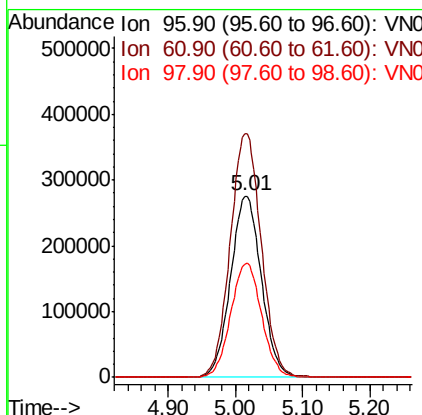
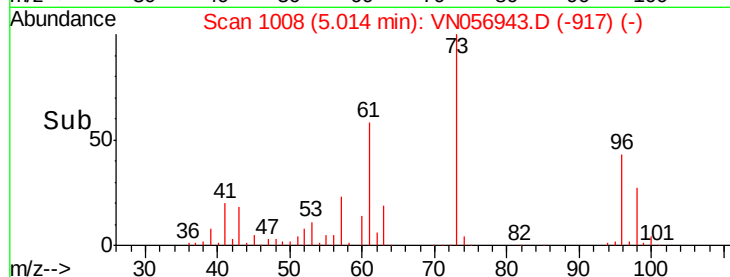
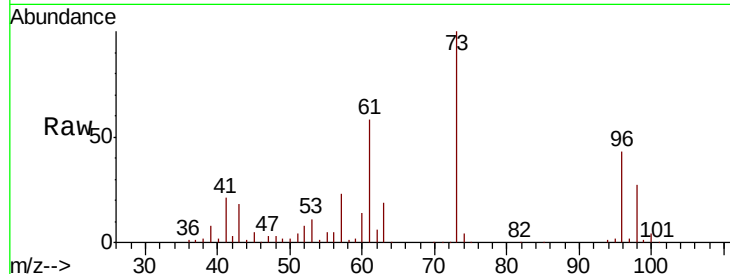




#21
trans-1,2-Dichloroethene
Concen: 148.792 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

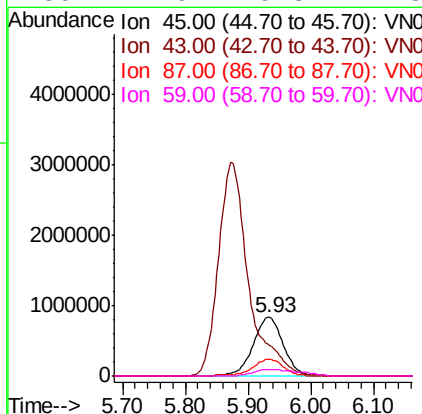
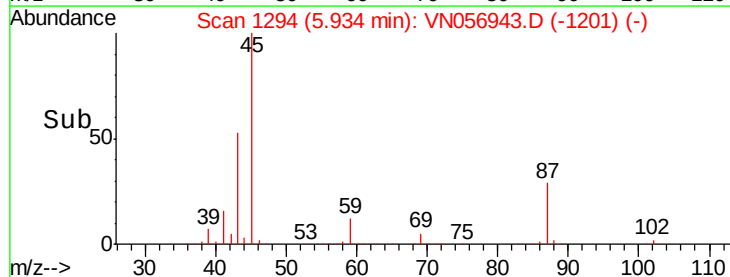
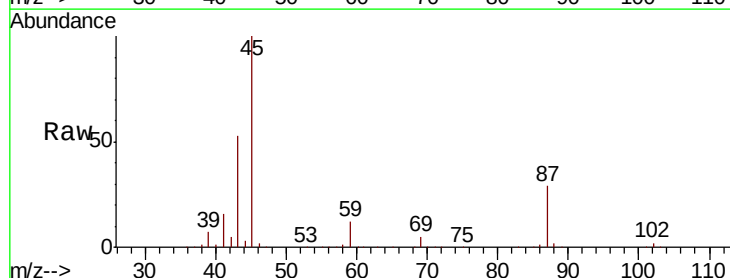
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

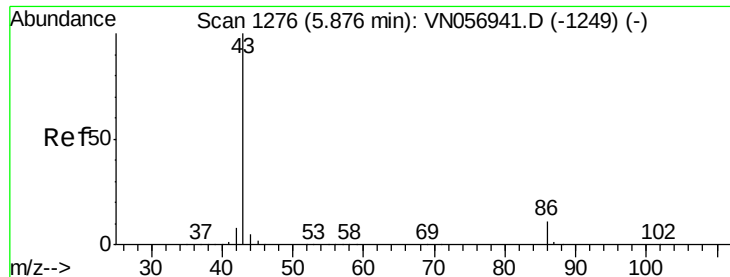
Tot Ion: 96 Resp: 876109
Ion Ratio Lower Upper
96 100
61 134.5 107.5 161.3
98 62.7 49.9 74.9



#22
Diisopropyl ether
Concen: 152.376 ug/l
RT: 5.93 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 45 Resp: 2767384
Ion Ratio Lower Upper
45 100
43 53.0 44.7 67.1
87 29.3 23.0 34.6
59 11.9 9.8 14.8





#23

Vinyl Acetate

Concen: 807.497 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

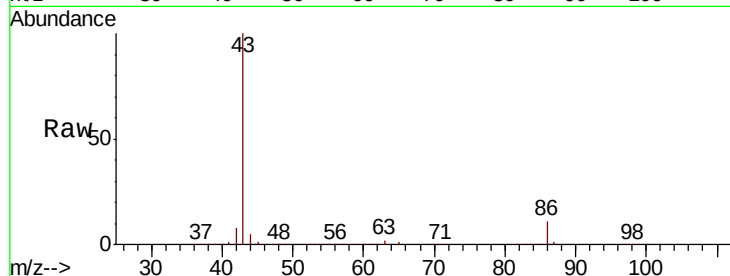
VSTDIC150

Tot Ion: 43 Resp:10158692

Ion Ratio Lower Upper

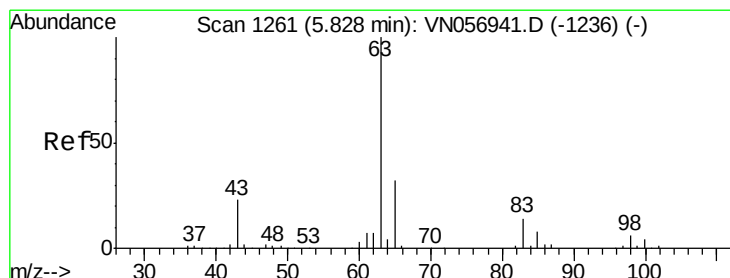
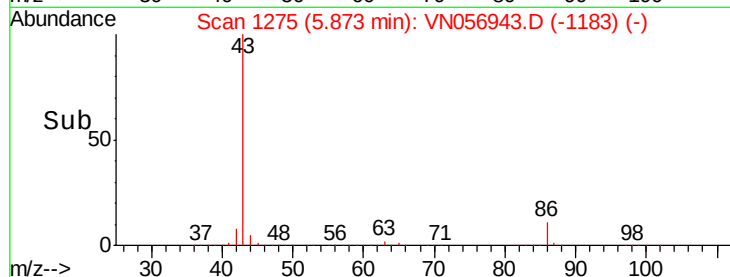
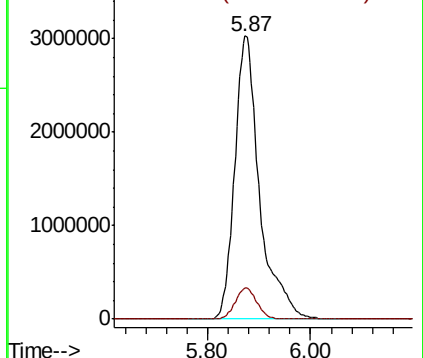
43 100

86 10.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 148.785 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

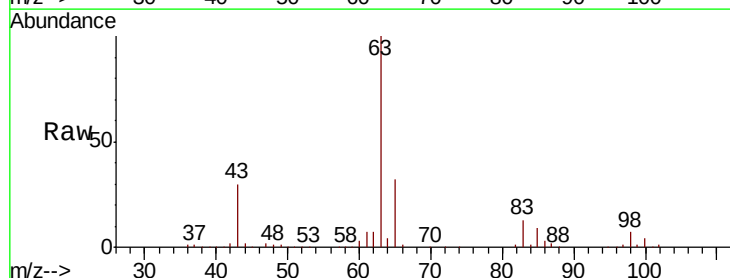
Tgt Ion: 63 Resp: 1590143

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

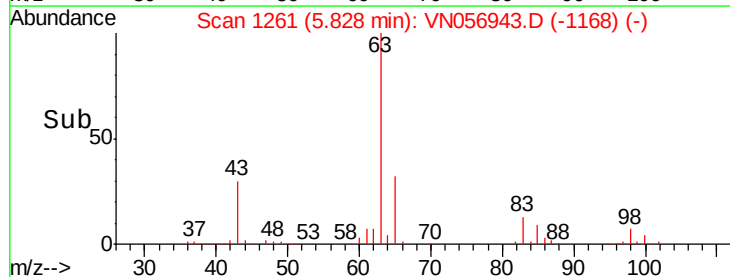
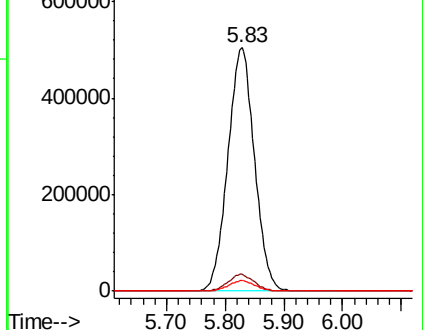
100 4.2 2.1 6.3

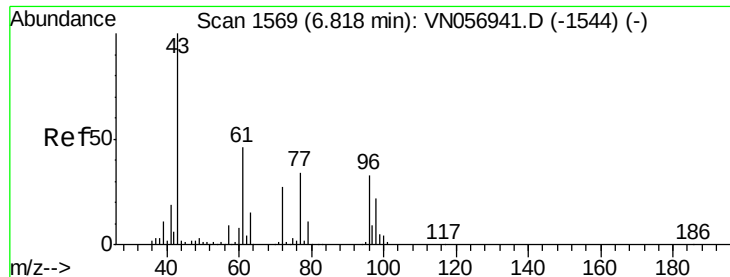


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 769.140 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

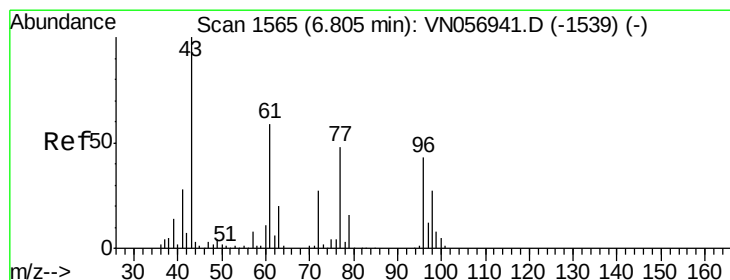
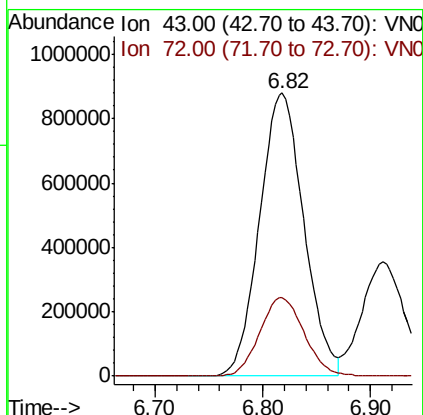
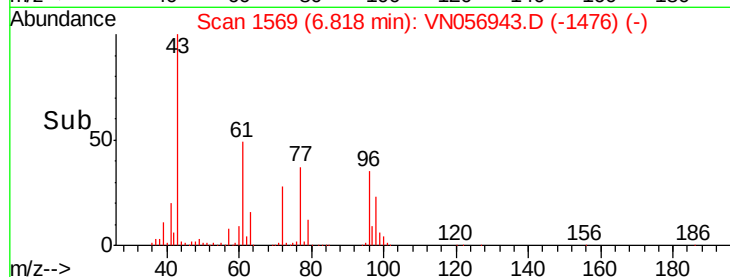
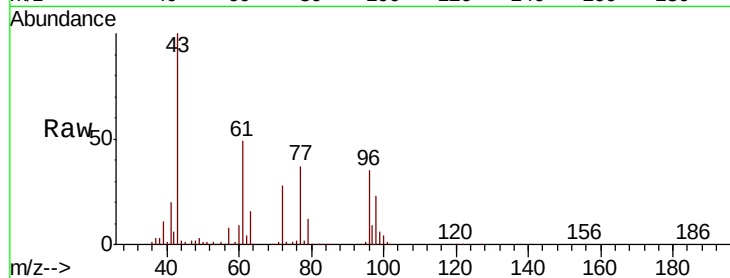
VSTDIC150

Tot Ion: 43 Resp: 2497507

Ion Ratio Lower Upper

43 100

72 27.8 21.5 32.3



#26

2,2-Dichloropropane

Concen: 159.438 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN056943.D

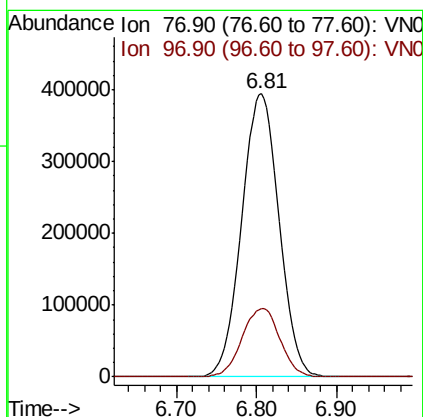
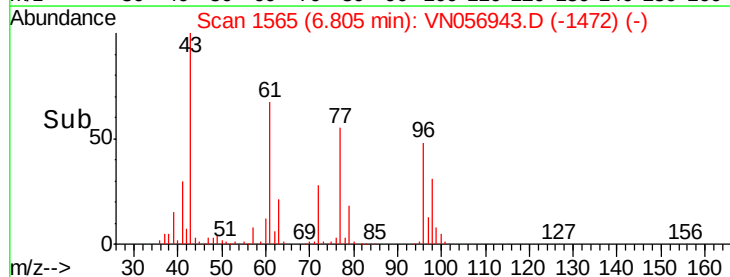
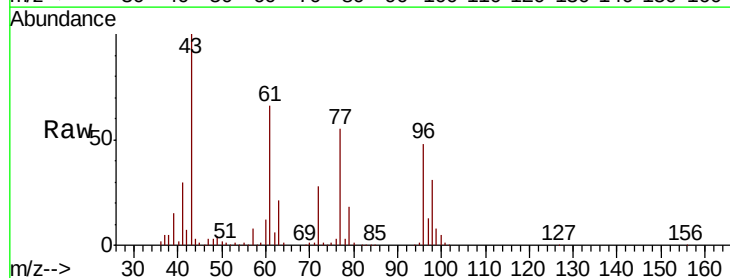
Acq: 26 Jul 2019 12:42

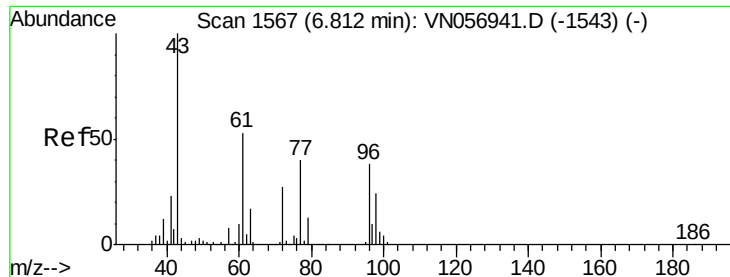
Tgt Ion: 77 Resp: 1253096

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 150.599 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

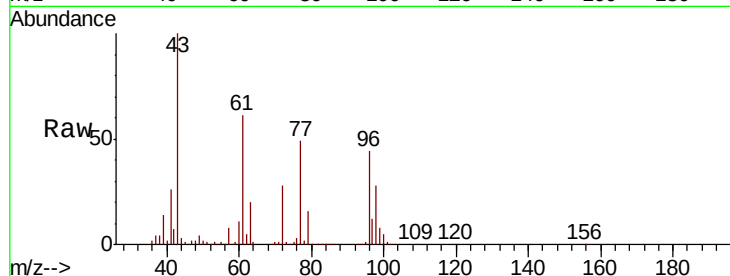
Tot Ion: 96 Resp: 1012213

Ion Ratio Lower Upper

96 100

61 141.0 0.0 277.2

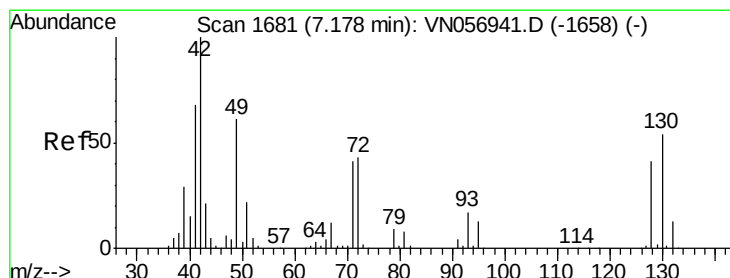
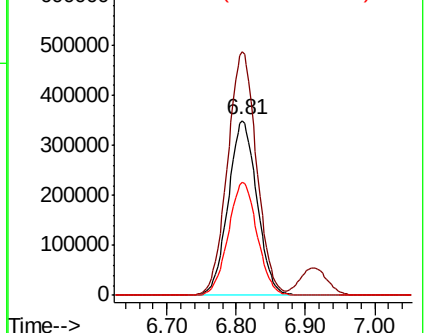
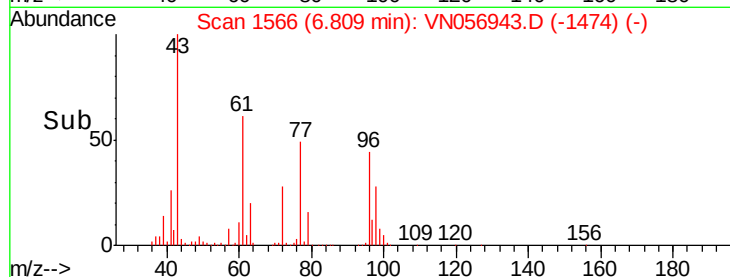
98 65.1 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 142.687 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

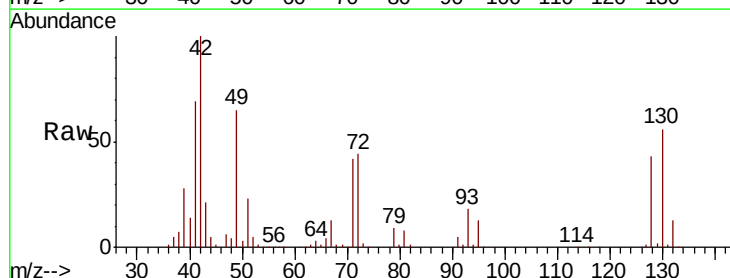
Tgt Ion: 49 Resp: 699800

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

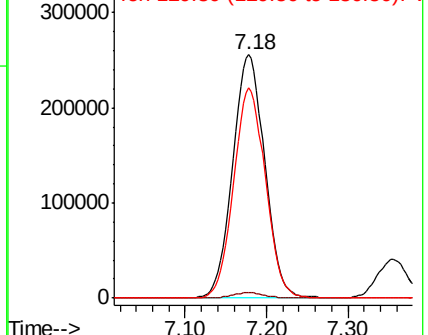
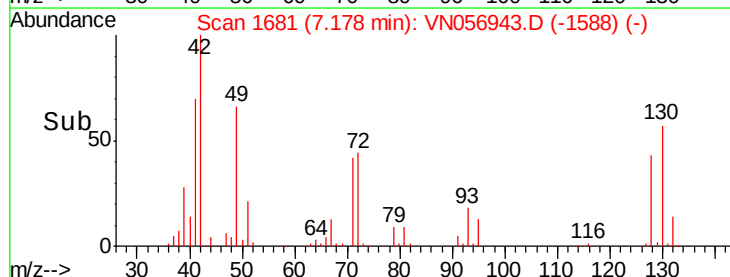
130 85.7 69.0 103.4

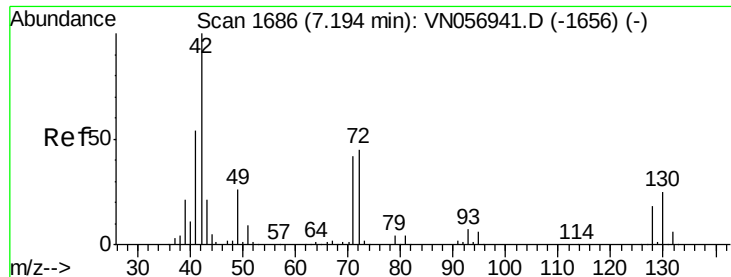


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

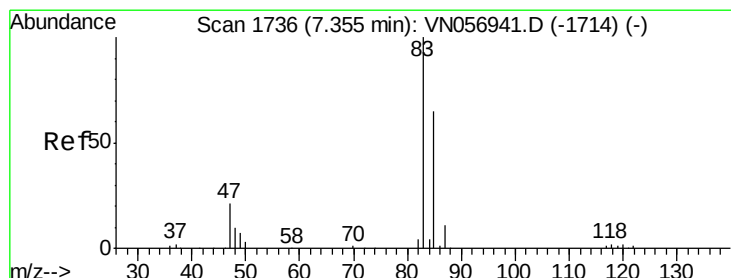
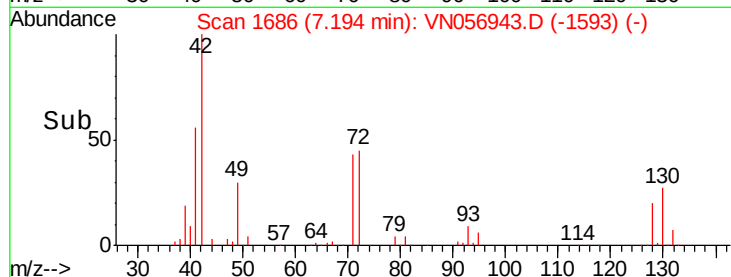
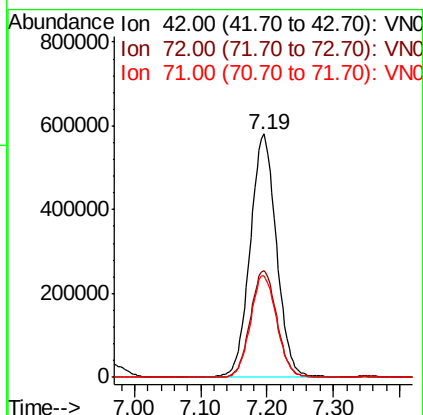
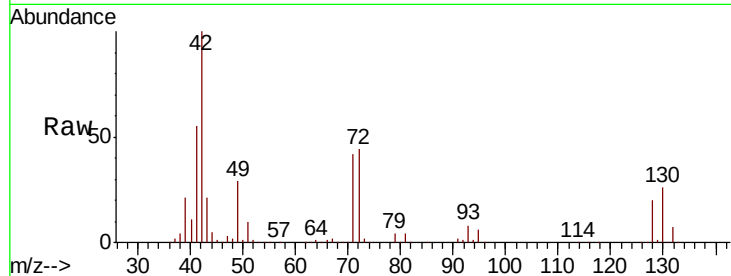




#29
Tetrahydrofuran
Concen: 753.072 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

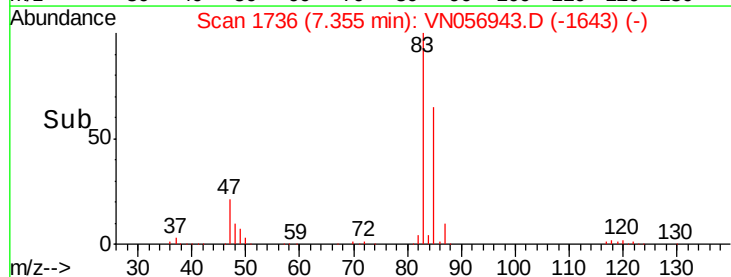
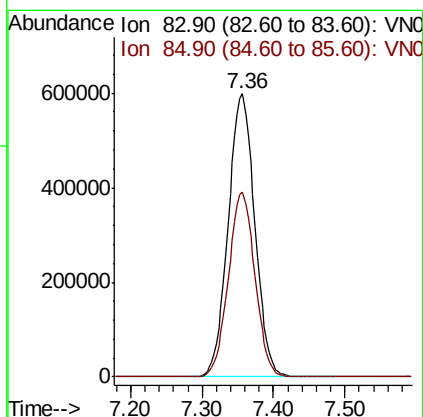
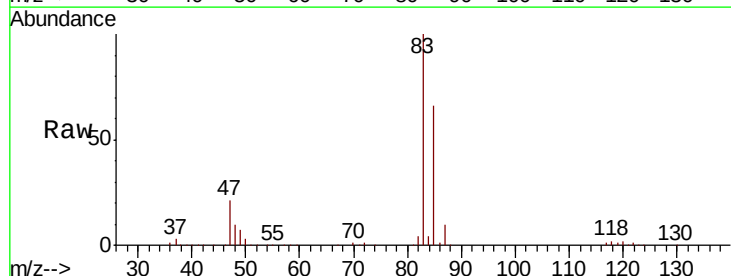
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

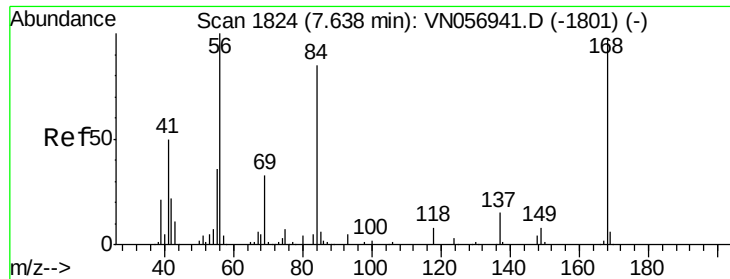
Tot Ion: 42 Resp: 1599591
Ion Ratio Lower Upper
42 100
72 44.1 35.6 53.4
71 41.9 33.5 50.3



#30
Chloroform
Concen: 141.226 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 83 Resp: 1553899
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.2





#31

Cyclohexane

Concen: 143.073 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

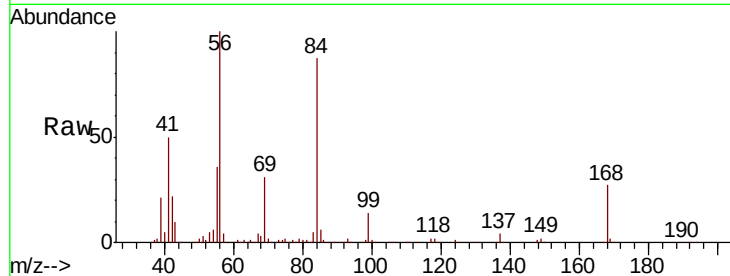
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1487379

Ion	Ratio	Lower	Upper
56	100		
69	31.3	26.2	39.2
84	85.5	68.2	102.2

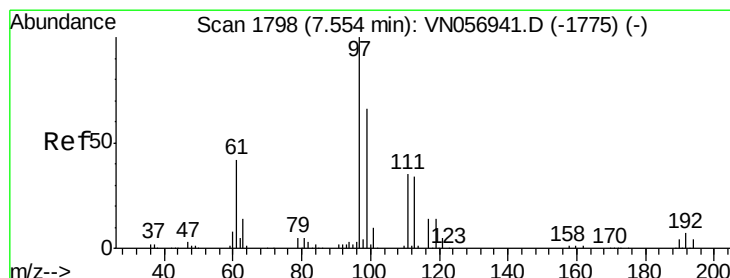
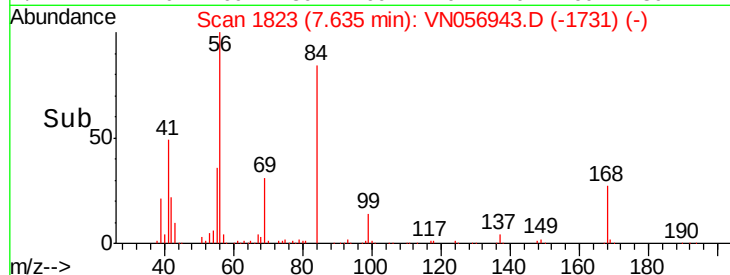
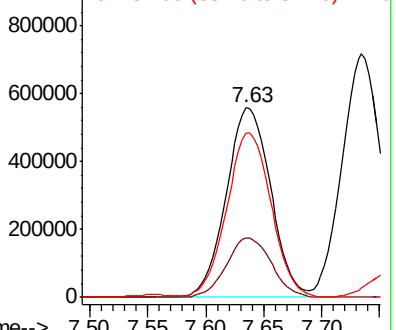


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 153.627 ug/l

RT: 7.55 min Scan# 1798

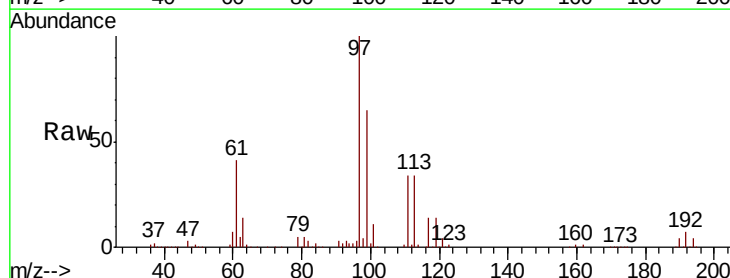
Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Tgt Ion: 97 Resp: 1351173

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	41.2	33.9	50.9

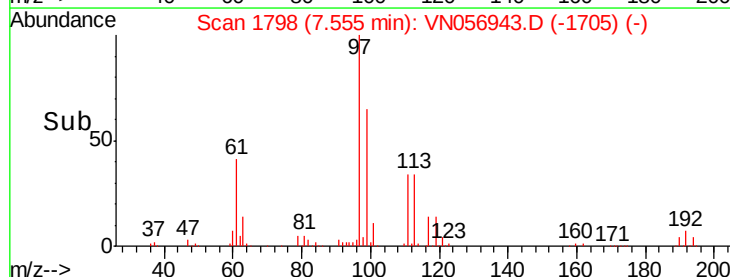
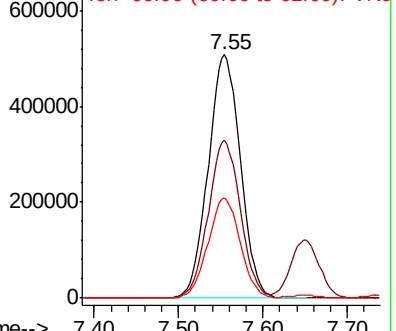


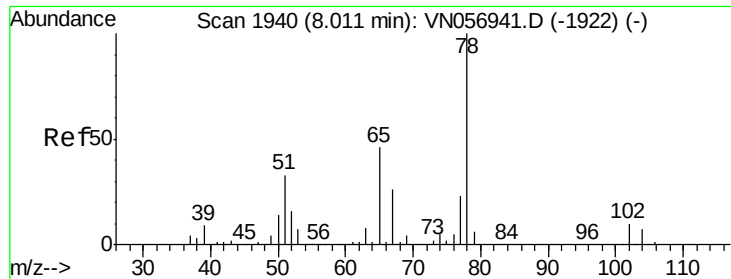
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

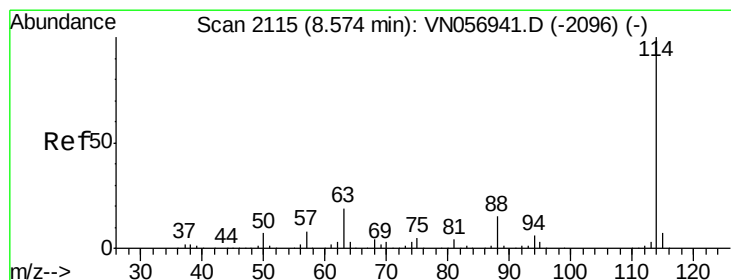
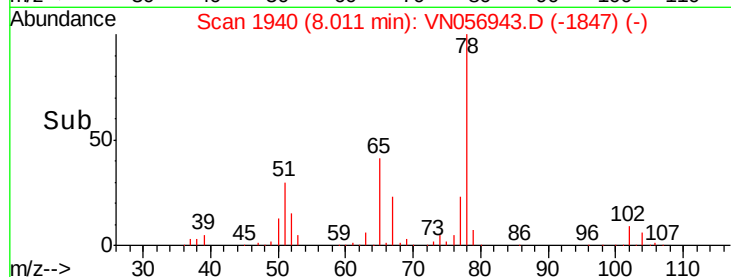
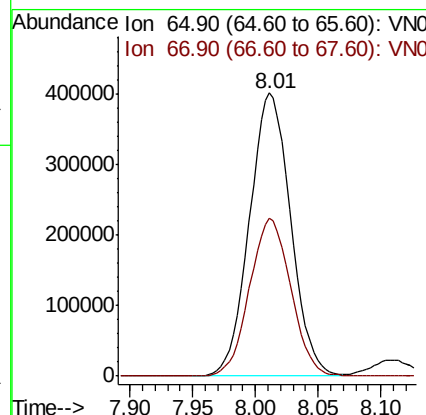
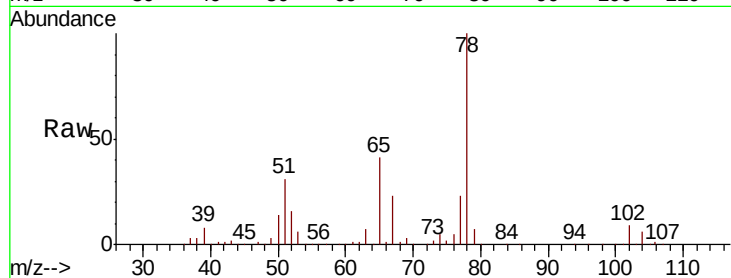




#33
 1,2-Dichloroethane-d4
 Concen: 149.524 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

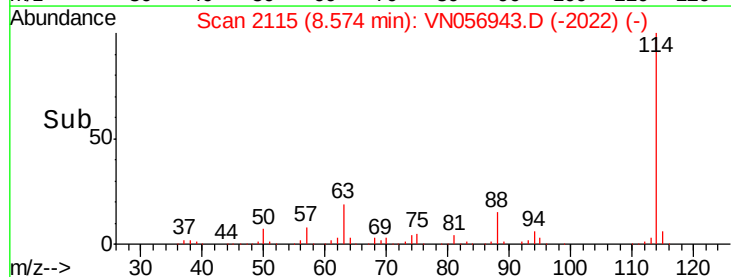
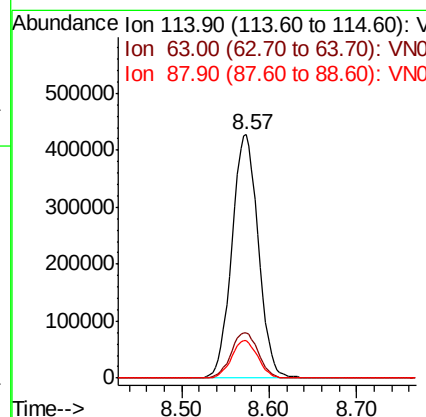
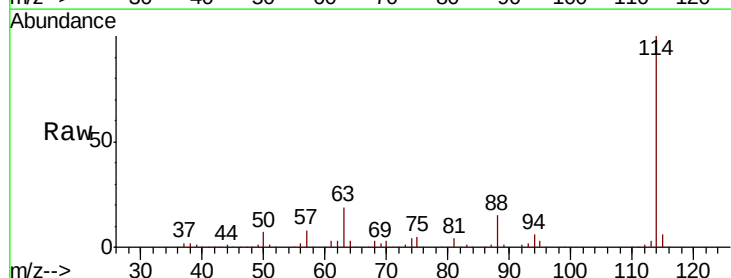
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

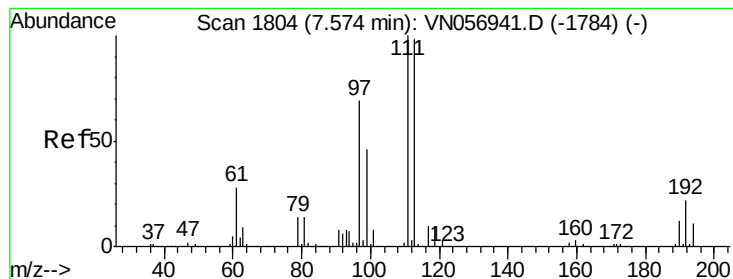
Tot Ion: 65 Resp: 917563
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion: 114 Resp: 895061
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.0
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 152.531 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

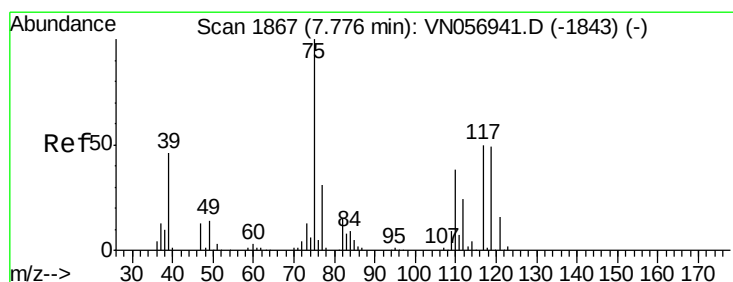
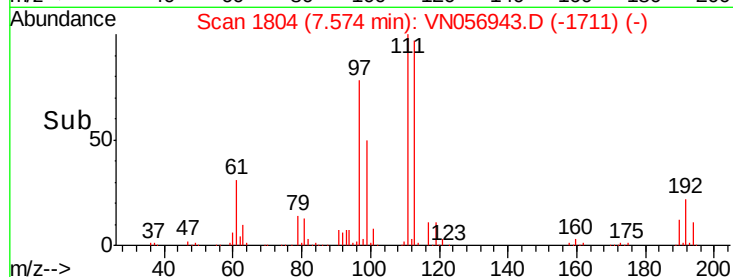
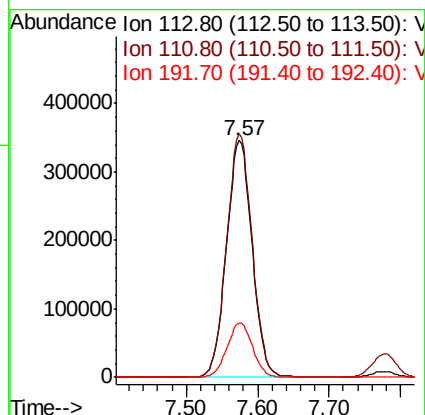
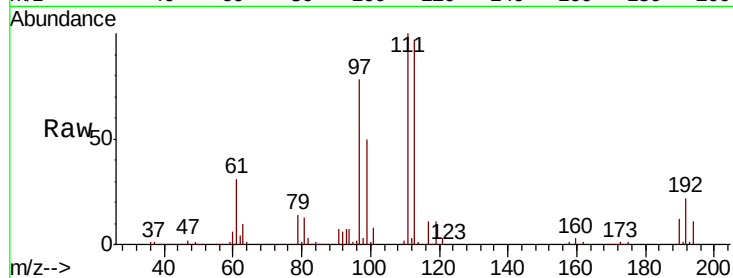
Tot Ion:113 Resp: 865784

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

192 22.9 18.4 27.6



#36

1,1-Dichloropropene

Concen: 151.912 ug/l

RT: 7.78 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

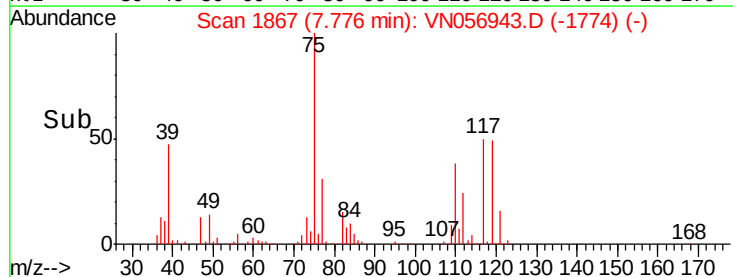
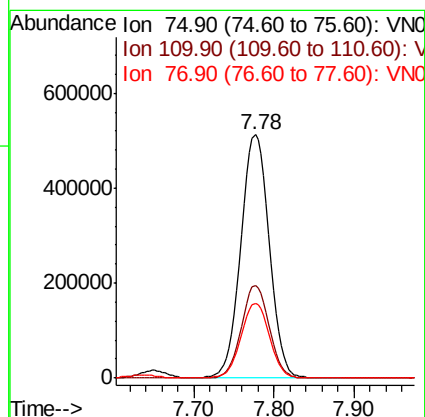
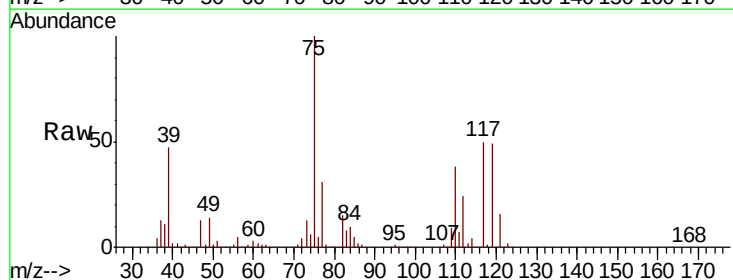
Tgt Ion: 75 Resp: 1227093

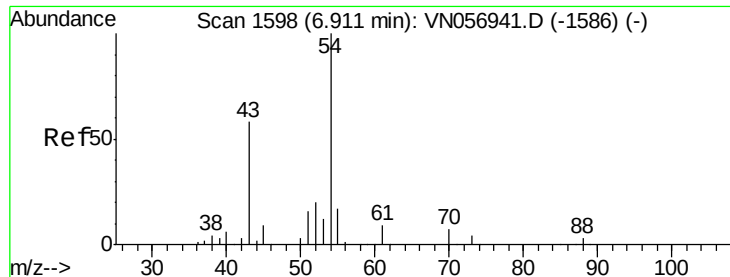
Ion Ratio Lower Upper

75 100

110 37.2 18.6 55.8

77 31.0 25.2 37.8

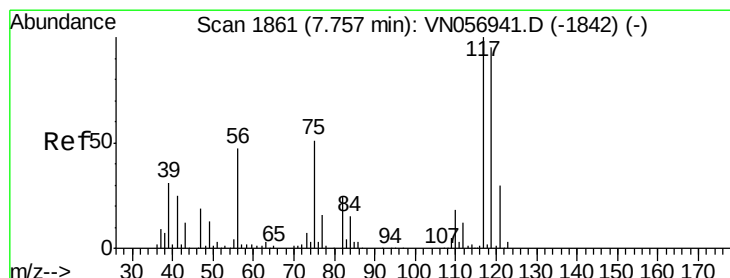
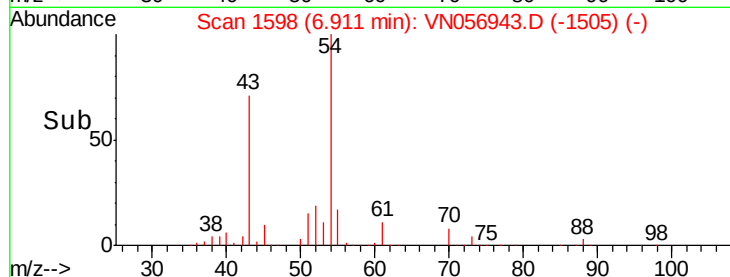
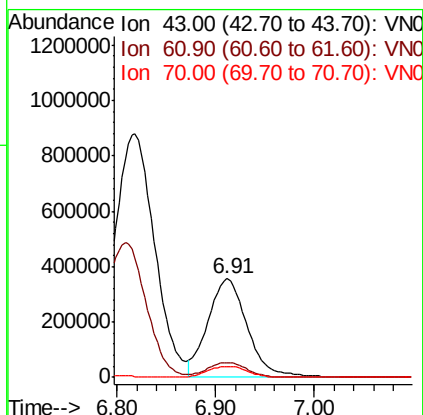
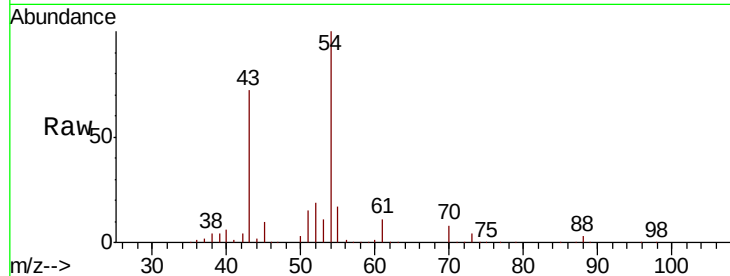




#37
Ethyl Acetate
Concen: 148.756 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

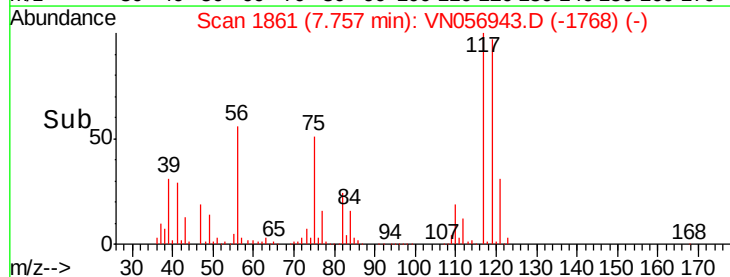
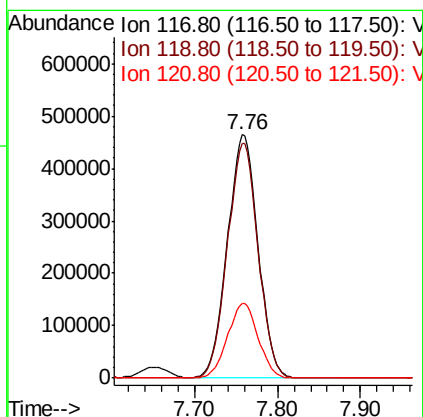
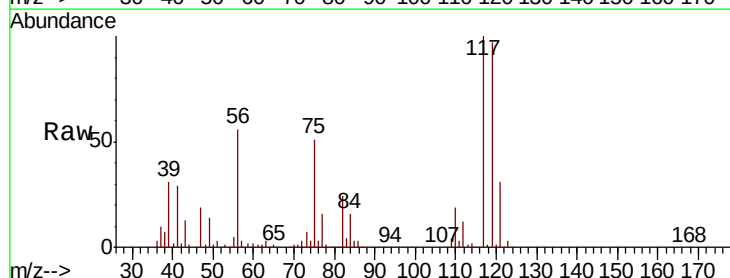
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

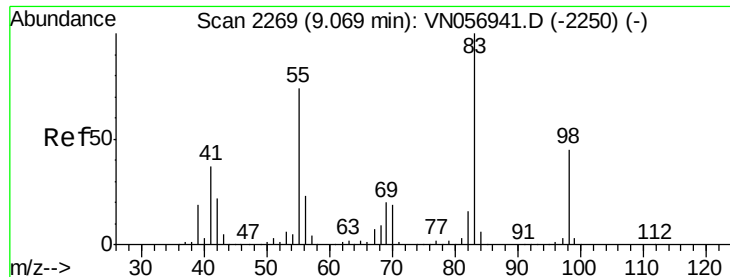
Tot Ion: 43 Resp: 986523
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 154.850 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 117 Resp: 1190997
Ion Ratio Lower Upper
117 100
119 96.5 75.3 112.9
121 30.9 24.2 36.4

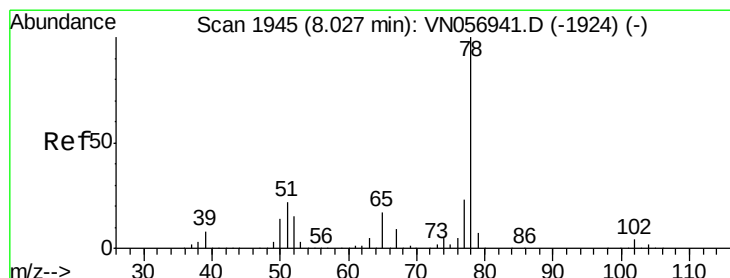
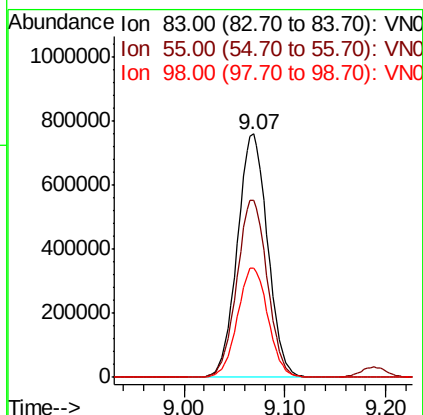
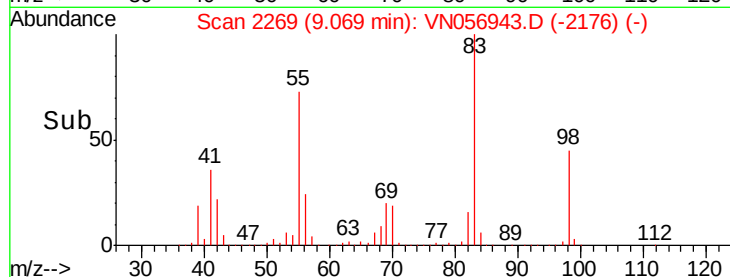
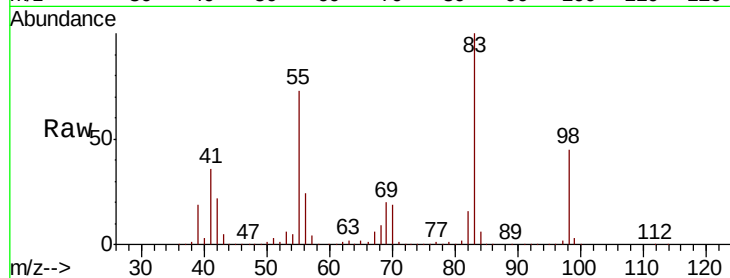




#39
Methylvlcyclohexane
Concen: 159.237 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

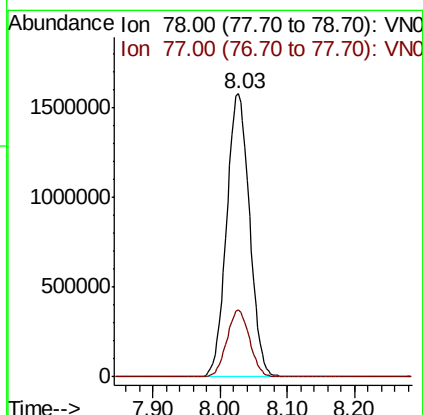
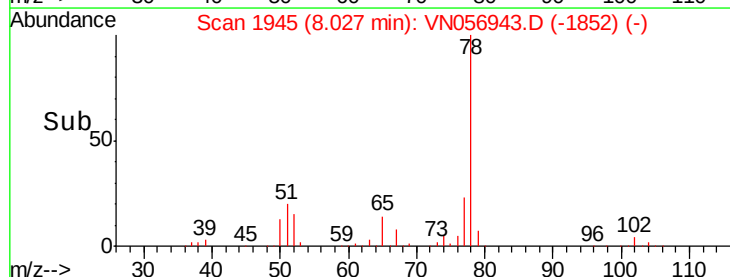
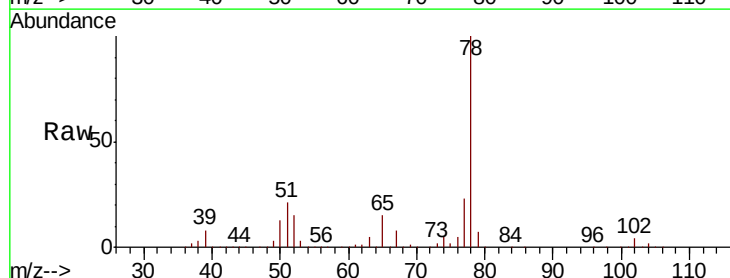
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

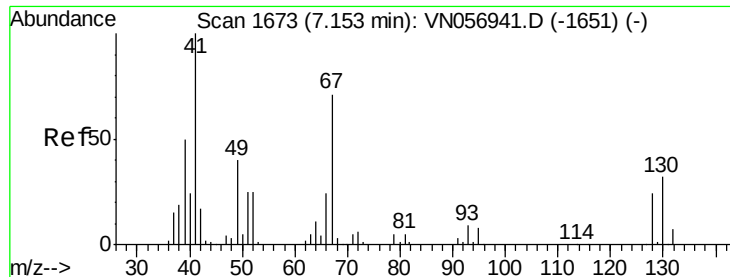
Tot Ion: 83 Resp: 1572548
Ion Ratio Lower Upper
83 100
55 73.0 59.0 88.6
98 45.1 36.2 54.4



#40
Benzene
Concen: 149.032 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 78 Resp: 3739280
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5

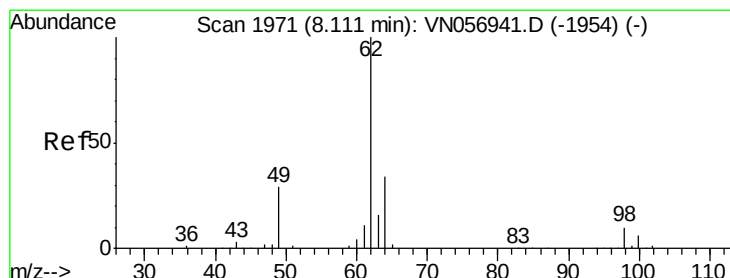
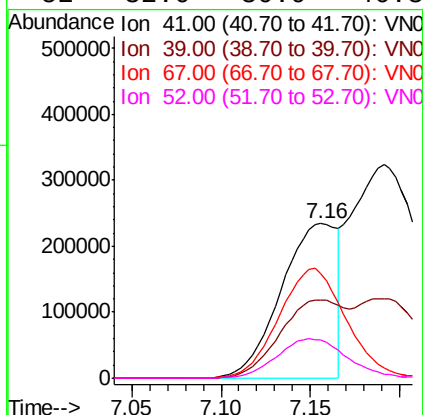
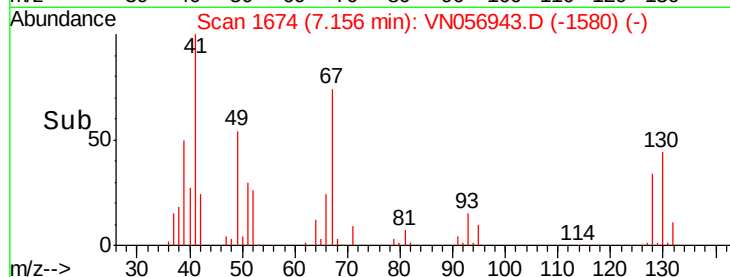
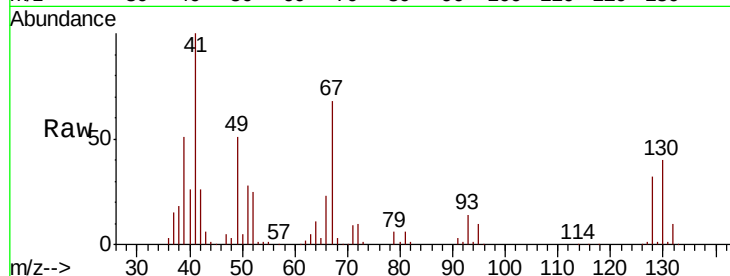




#41
Methacrylonitrile
Concen: 173.430 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

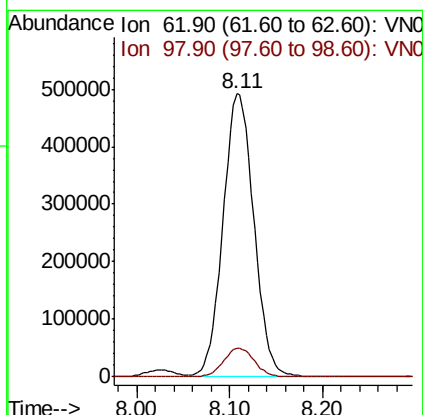
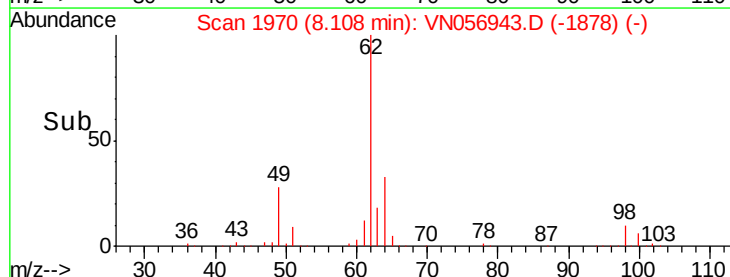
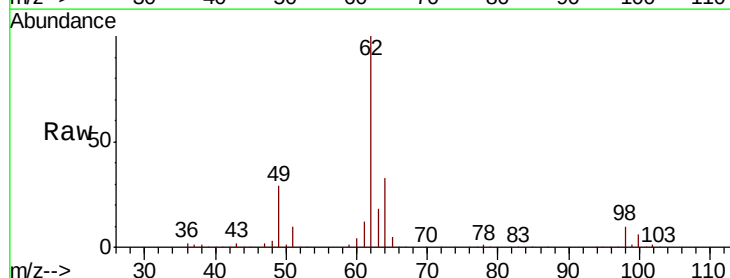
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

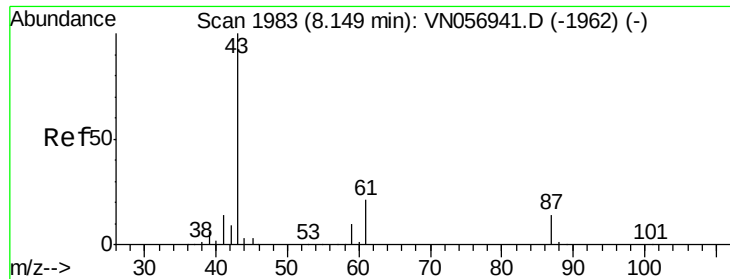
Tot Ion: 41 Resp: 511628
Ion Ratio Lower Upper
41 100
39 59.1 48.9 73.3
67 85.9 83.4 125.0
52 32.0 30.9 46.3



#42
1,2-Dichloroethane
Concen: 146.349 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 62 Resp: 1132433
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6





#43

Isopropyl Acetate

Concen: 154.120 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

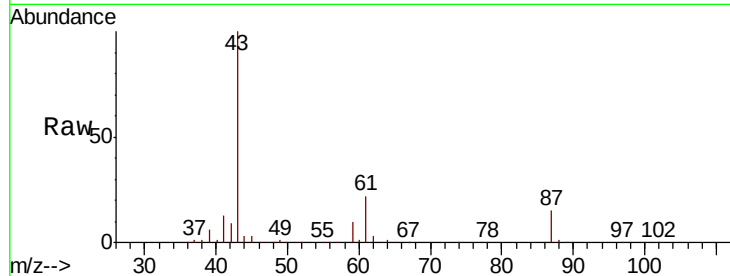
Tot Ion: 43 Resp: 1671994

Ion Ratio Lower Upper

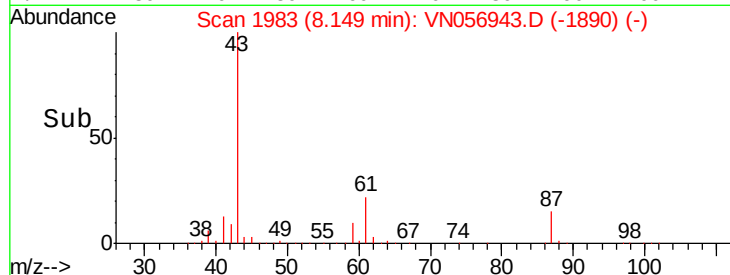
43 100

61 29.5 23.0 34.6

87 14.6 11.7 17.5



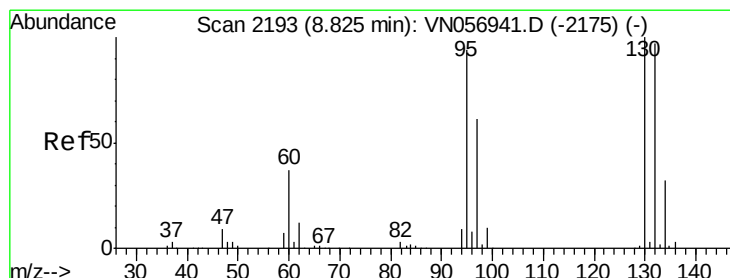
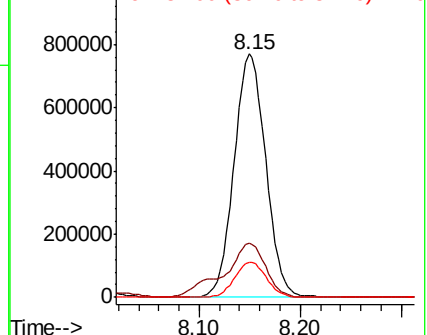
Abundance Ion 43.00 (42.70 to 43.70): VN056943.D (-1890) (-)



Ion 61.00 (60.70 to 61.70): VN056943.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN056943.D (-1890) (-)

Time-->



#44

Trichloroethene

Concen: 150.045 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN056943.D

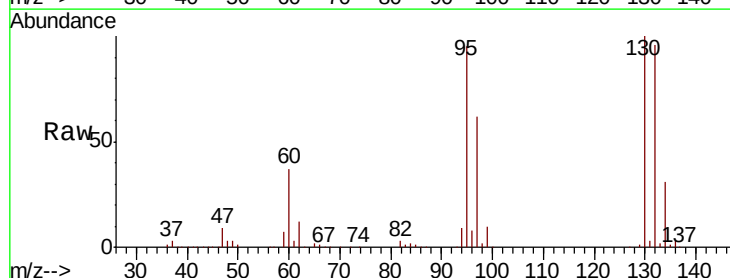
Acq: 26 Jul 2019 12:42

Tgt Ion:130 Resp: 1023274

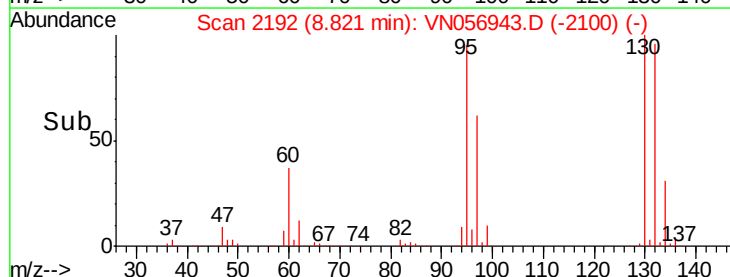
Ion Ratio Lower Upper

130 100

95 94.8 0.0 189.0

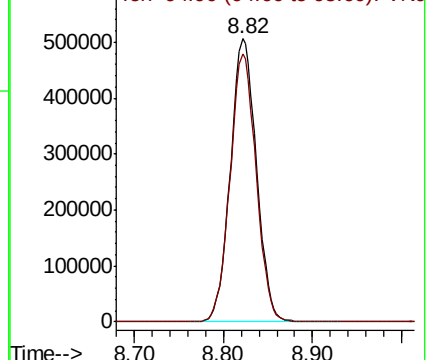


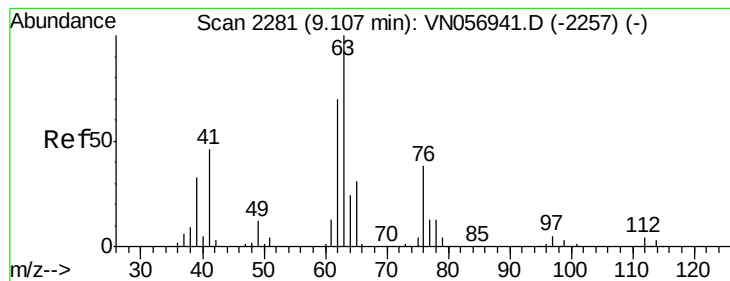
Abundance Ion 129.80 (129.50 to 130.50): VN056943.D (-2100) (-)



Ion 94.90 (94.60 to 95.60): VN056943.D (-2100) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 149.205 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

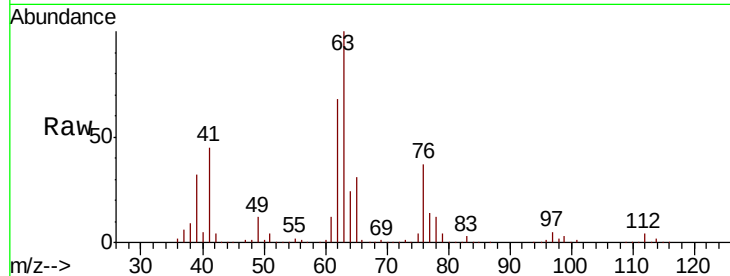
VSTDIC150

Tot Ion: 63 Resp: 1003730

Ion Ratio Lower Upper

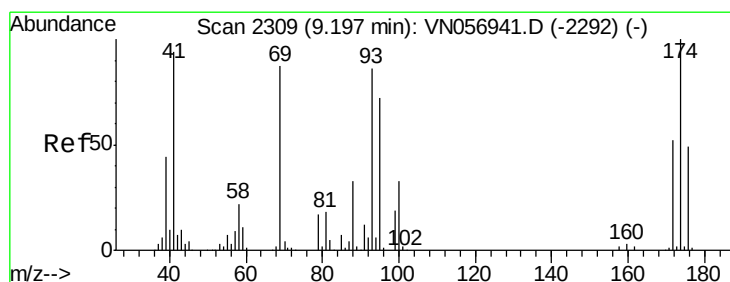
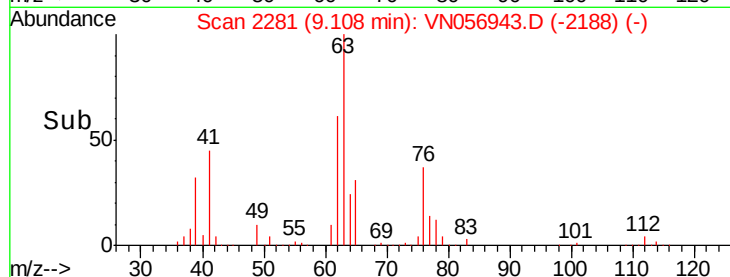
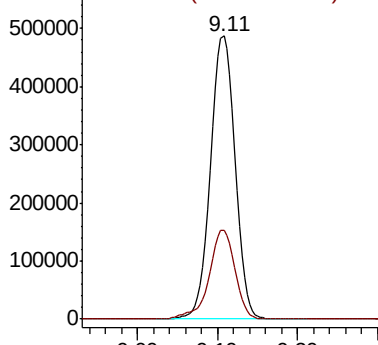
63 100

65 31.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 150.984 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

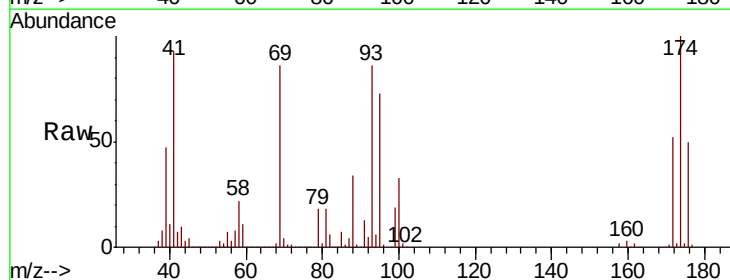
Tgt Ion: 93 Resp: 613426

Ion Ratio Lower Upper

93 100

95 84.4 67.0 100.6

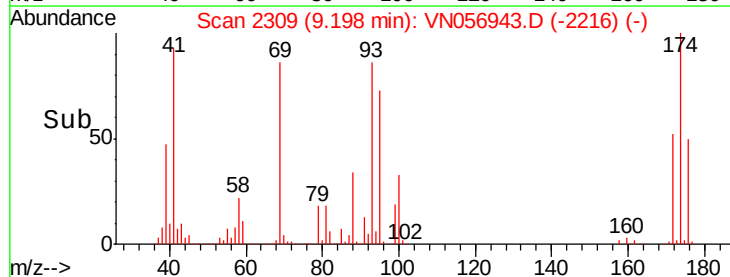
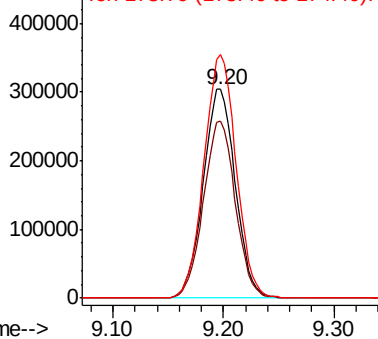
174 116.9 92.7 139.1

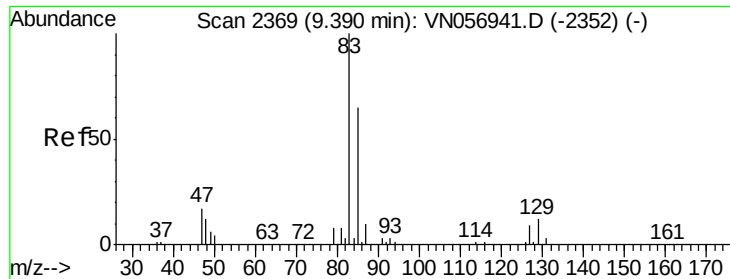


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 157.782 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

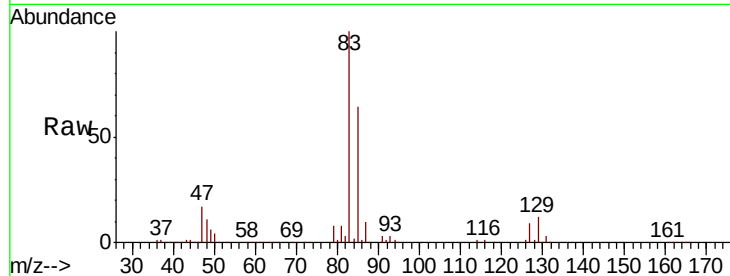
Tot Ion: 83 Resp: 1252929

Ion Ratio Lower Upper

83 100

85 64.4 51.6 77.4

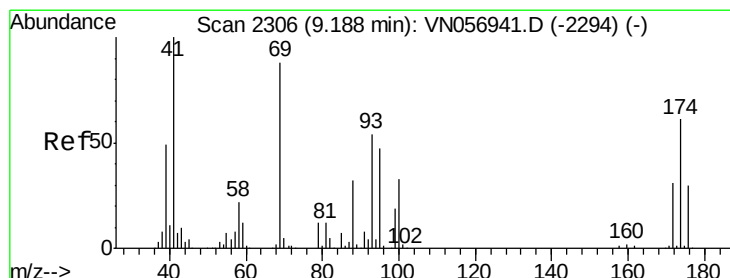
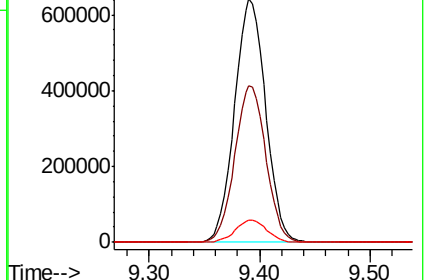
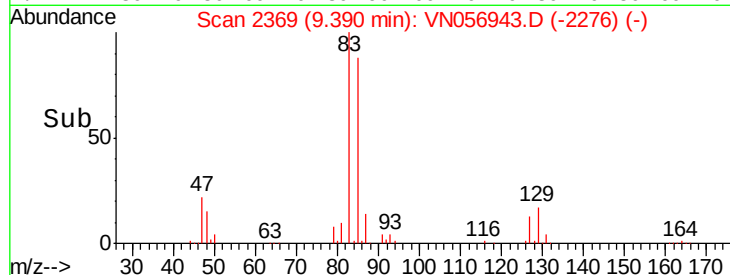
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056943.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN056943.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN056943.D (-2276) (-)



#48

Methyl methacrylate

Concen: 158.981 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

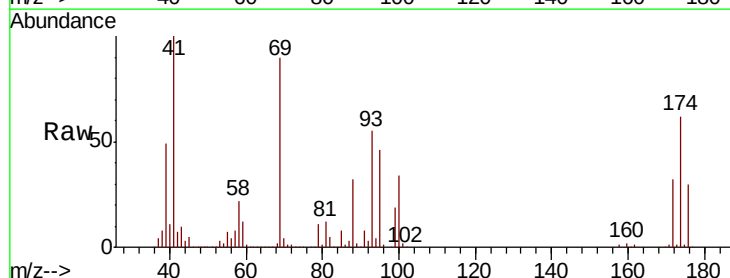
Tgt Ion: 41 Resp: 823636

Ion Ratio Lower Upper

41 100

69 92.6 73.4 110.0

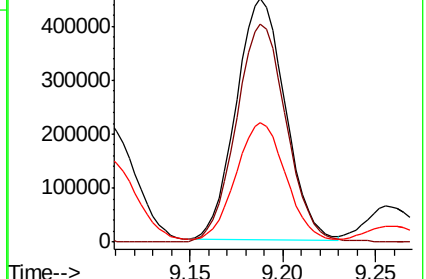
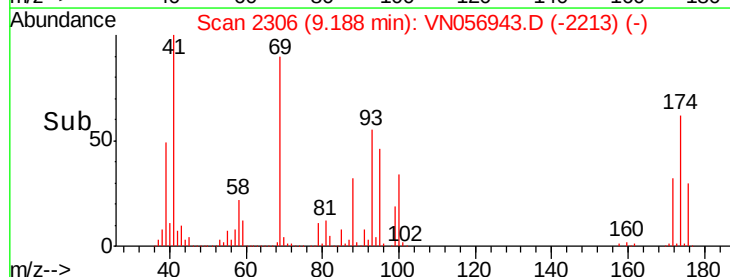
39 50.8 39.9 59.9

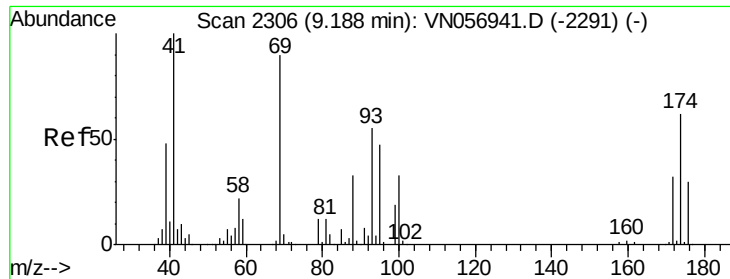


Abundance Ion 41.00 (40.70 to 41.70): VN056943.D (-2213) (-)

Ion 69.00 (68.70 to 69.70): VN056943.D (-2213) (-)

Ion 39.00 (38.70 to 39.70): VN056943.D (-2213) (-)





#49

1,4-Dioxane

Concen: 2999.616 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

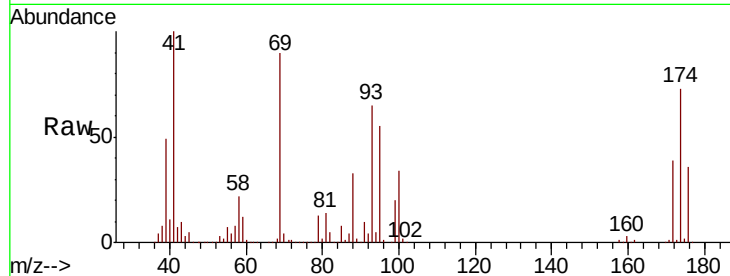
Tot Ion: 88 Resp: 321564

Ion Ratio Lower Upper

88 100

43 27.3 22.2 33.2

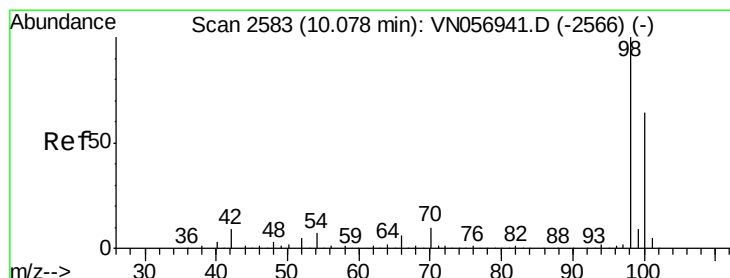
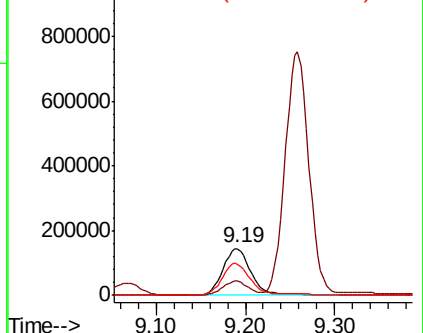
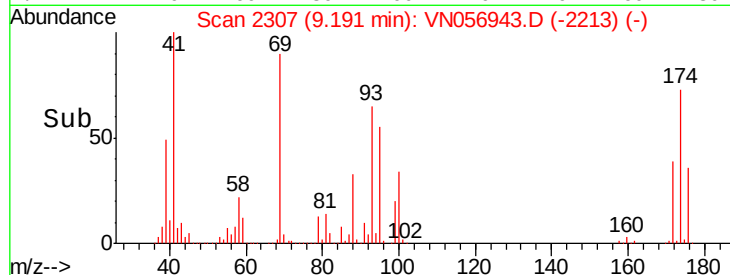
58 66.2 54.1 81.1



Abundance Ion 88.00 (87.70 to 88.70): VN056943.D (-2291) (-)

Ion 43.00 (42.70 to 43.70): VN056943.D (-2291) (-)

Ion 58.00 (57.70 to 58.70): VN056943.D (-2291) (-)



#50

Toluene-d8

Concen: 155.526 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN056943.D

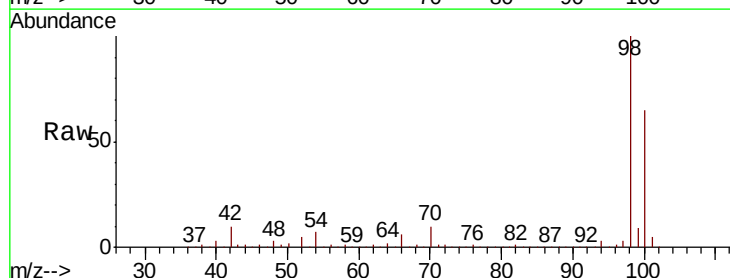
Acq: 26 Jul 2019 12:42

Tgt Ion: 98 Resp: 3353647

Ion Ratio Lower Upper

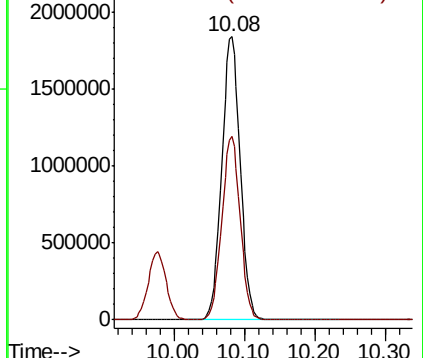
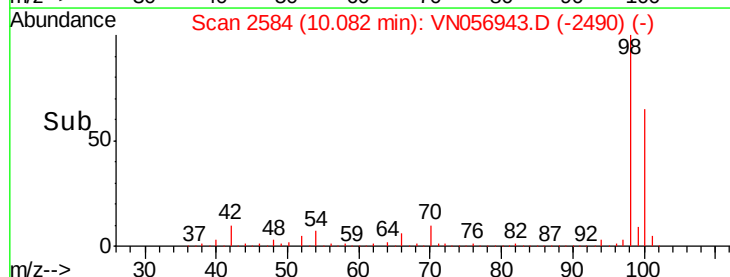
98 100

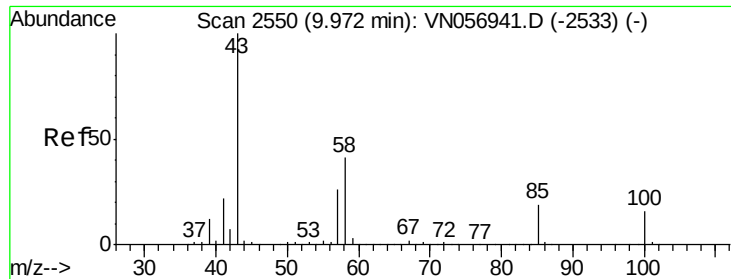
100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056943.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN056943.D (-2490) (-)





#51

4-Methyl-2-Pentanone

Concen: 758.166 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

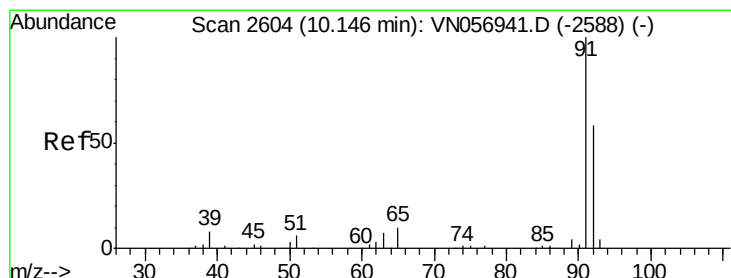
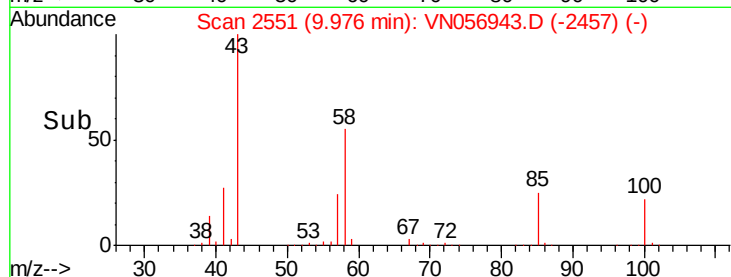
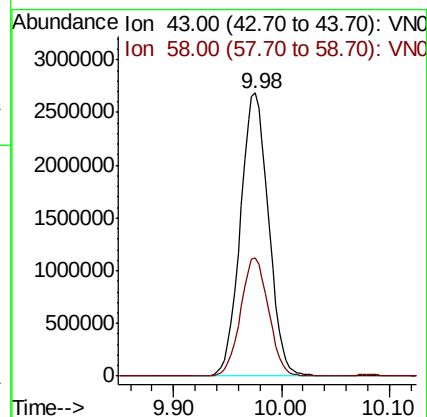
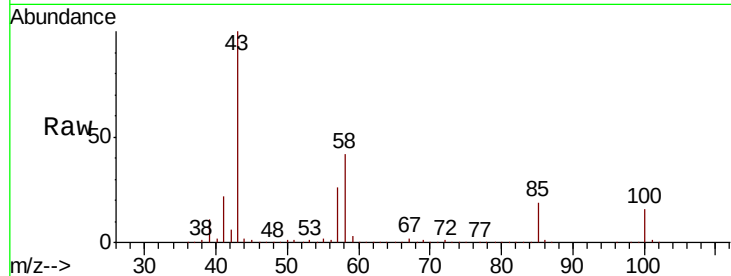
VSTDIC150

Tot Ion: 43 Resp: 4890103

Ion Ratio Lower Upper

43 100

58 41.6 33.1 49.7



#52

Toluene

Concen: 155.341 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN056943.D

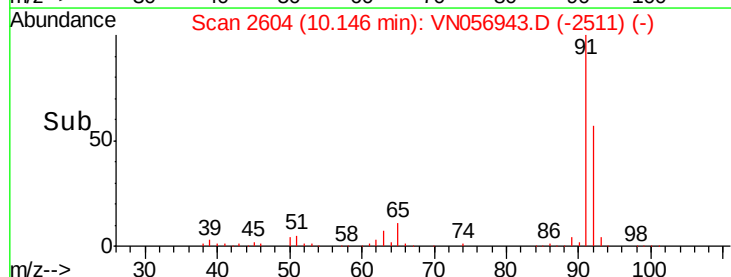
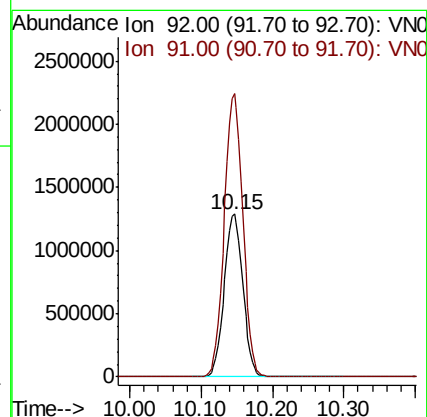
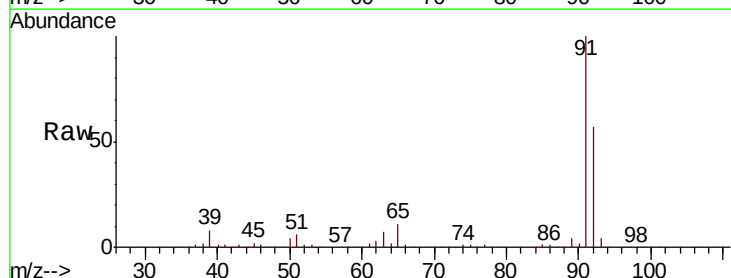
Acq: 26 Jul 2019 12:42

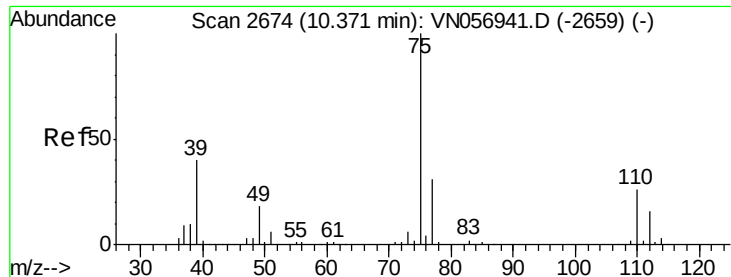
Tgt Ion: 92 Resp: 2331654

Ion Ratio Lower Upper

92 100

91 173.8 138.0 207.0

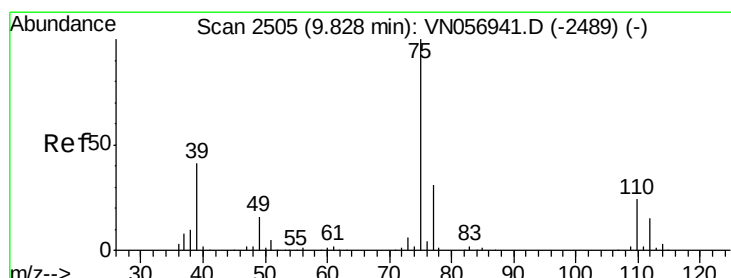
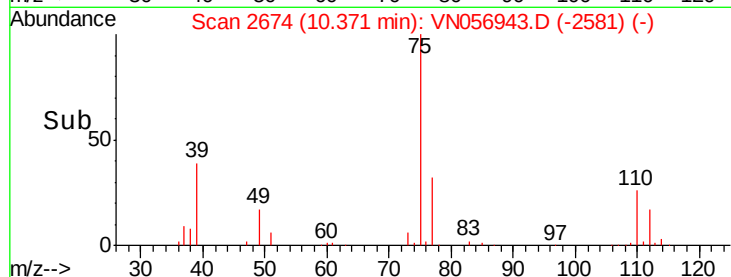
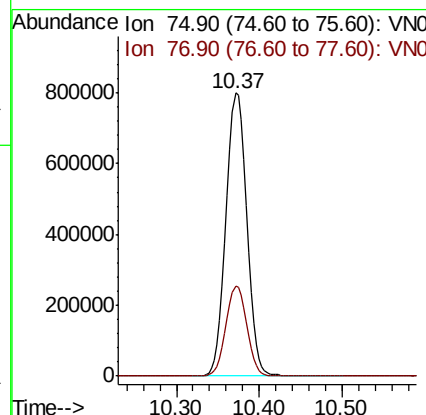
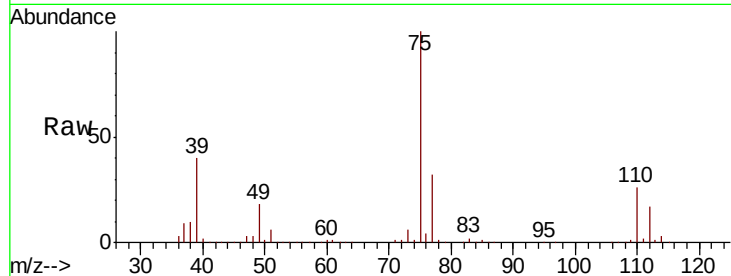




#53
 t-1,3-Dichloropropene
 Concen: 173.973 ug/l
 RT: 10.37 min Scan# 2674
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

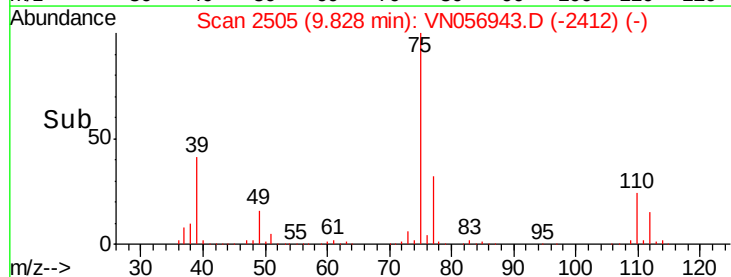
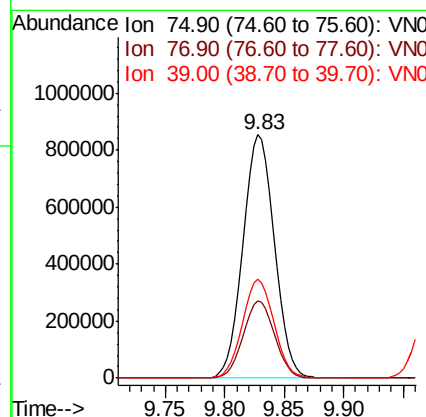
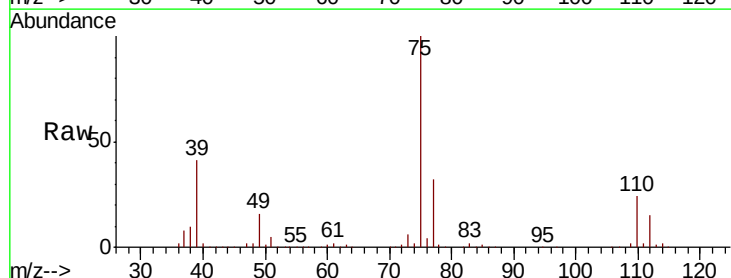
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

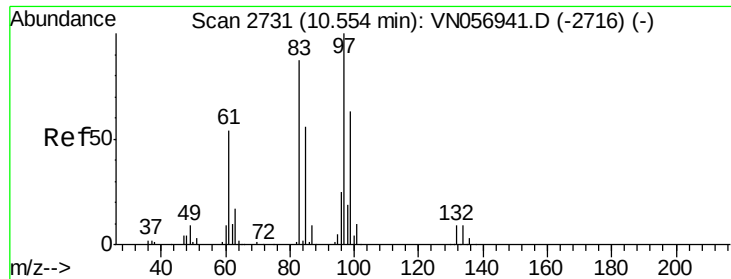
Tot Ion: 75 Resp: 1396818
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 166.447 ug/l
 RT: 9.83 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion: 75 Resp: 1567793
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6
 39 40.5 32.6 49.0

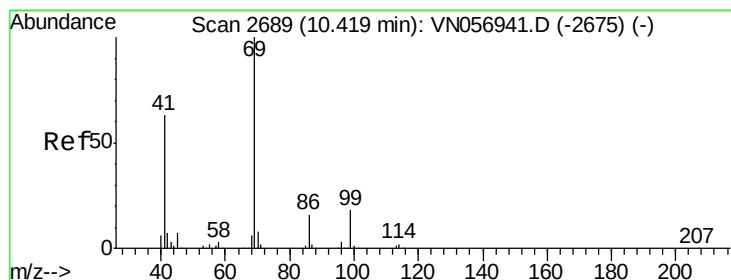
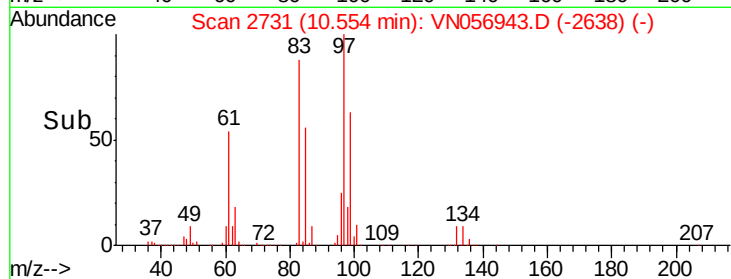
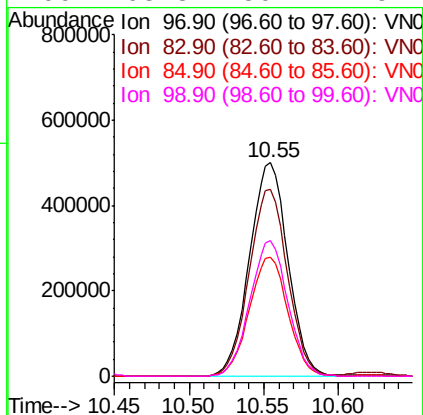
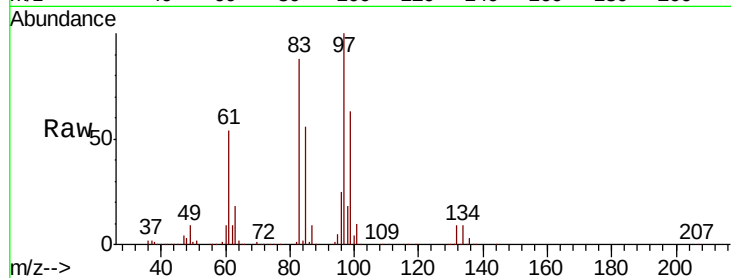




#55
 1,1,2-Trichloroethane
 Concen: 148.367 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

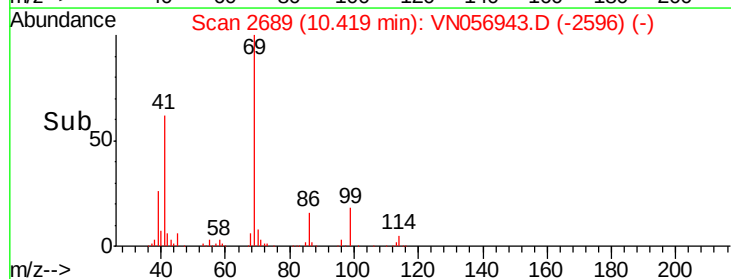
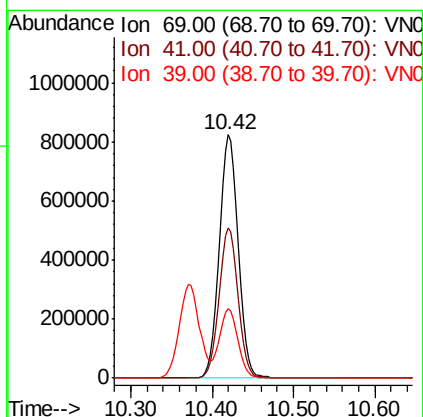
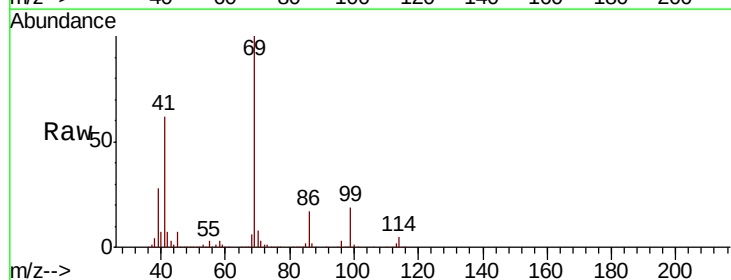
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

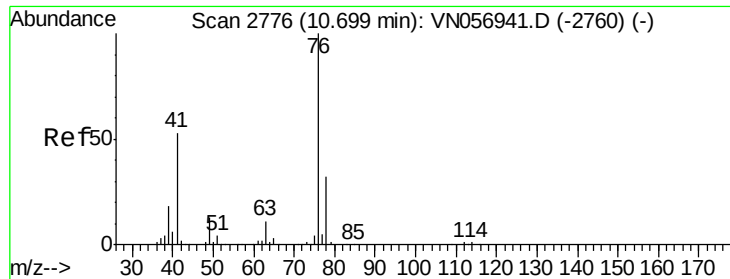
Tot Ion:	97	Resp:	896433
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.4	104.0
85	55.8	44.7	67.1
99	63.3	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 166.834 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion:	69	Resp:	1360448
Ion	Ratio	Lower	Upper
69	100		
41	61.3	49.2	73.8
39	28.1	23.1	34.7

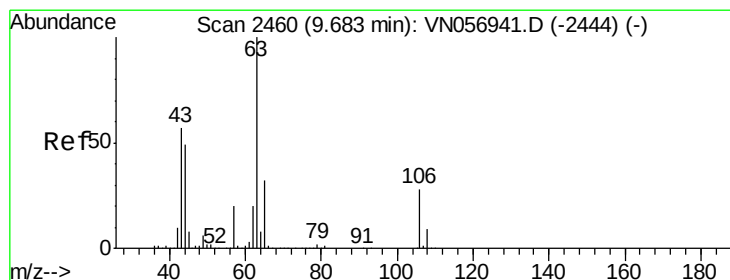
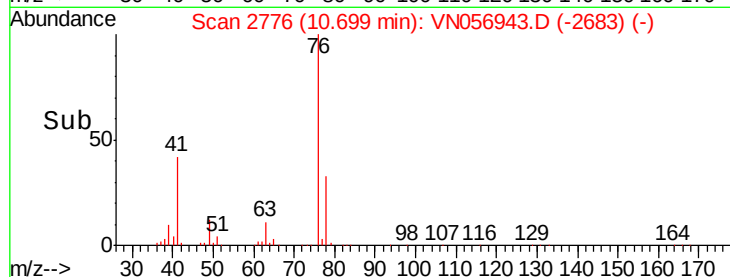
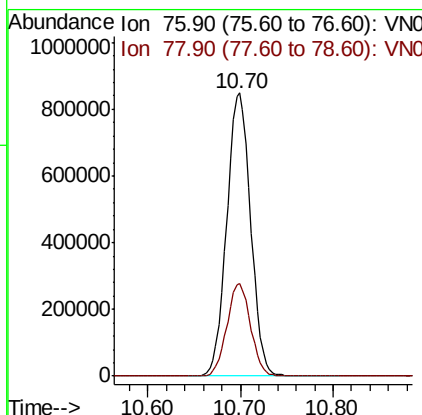
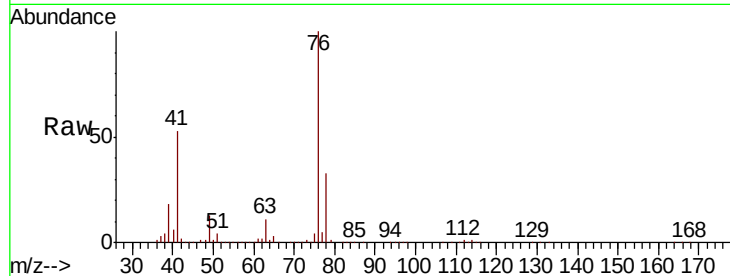




#57
 1,3-Dichloropropane
 Concen: 153.311 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

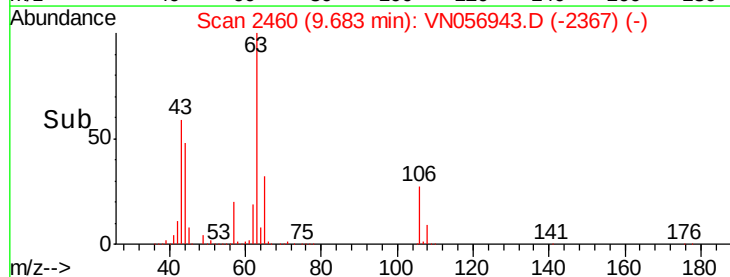
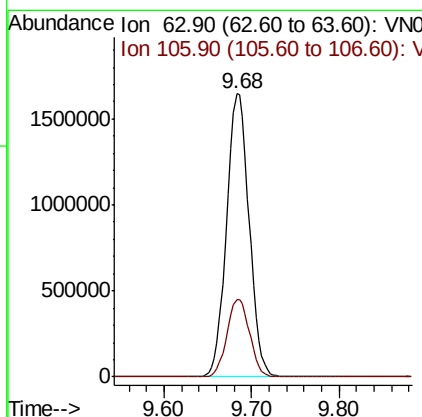
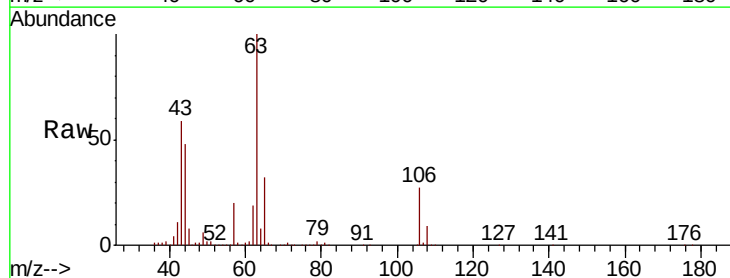
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

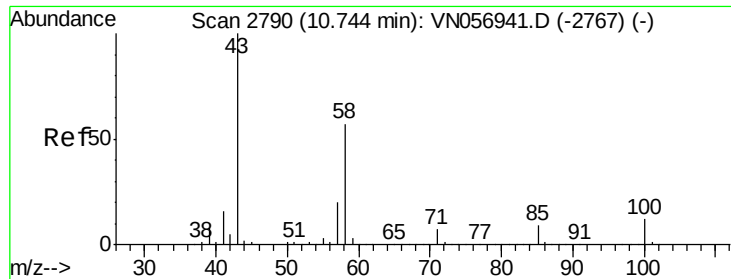
Tot Ion: 76 Resp: 1513559
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 910.072 ug/l
 RT: 9.68 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion: 63 Resp: 2946691
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.0 33.0

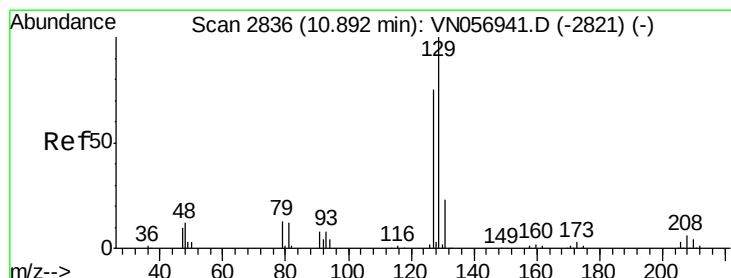
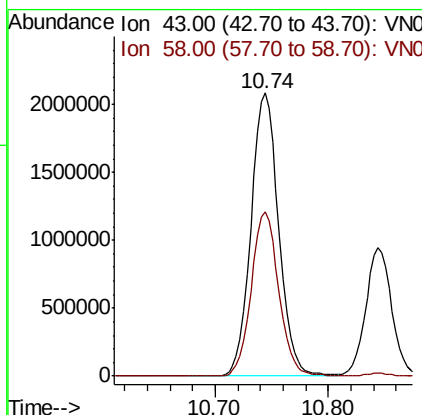
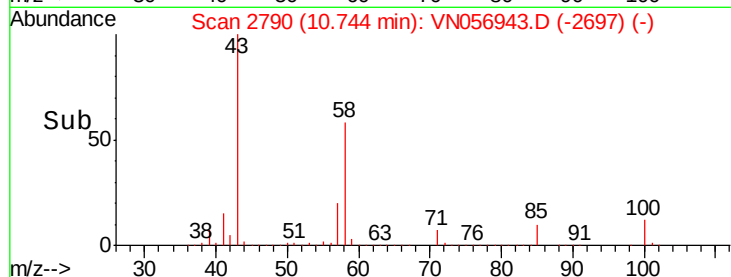
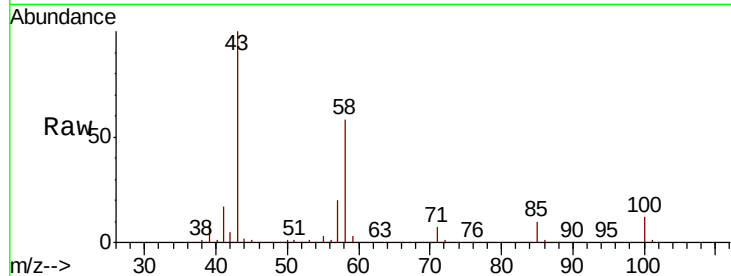




#59
2-Hexanone
Concen: 798.907 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

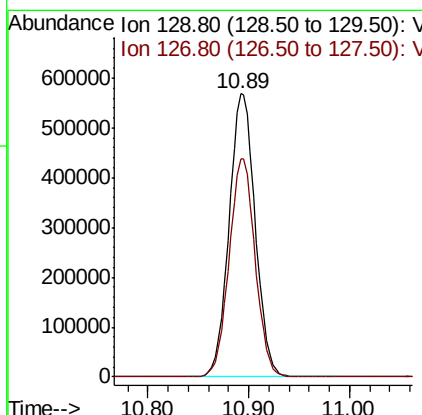
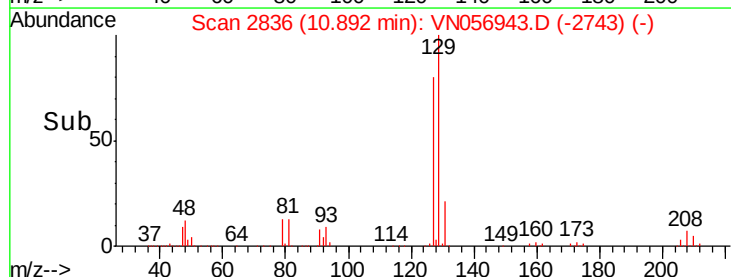
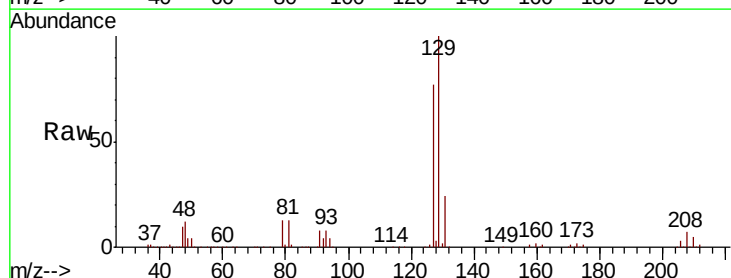
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

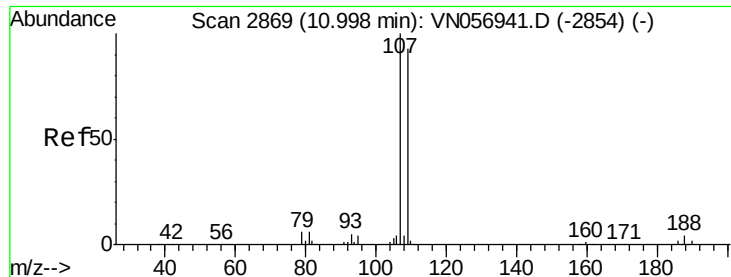
Tot Ion: 43 Resp: 3540276
Ion Ratio Lower Upper
43 100
58 57.8 28.5 85.5



#60
Dibromochloromethane
Concen: 166.266 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 129 Resp: 1025164
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9

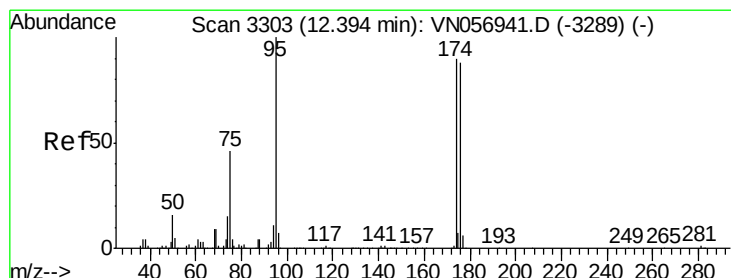
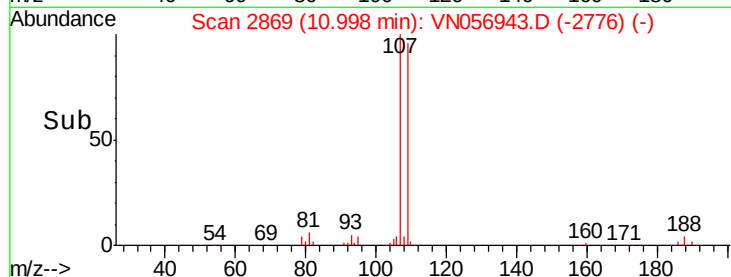
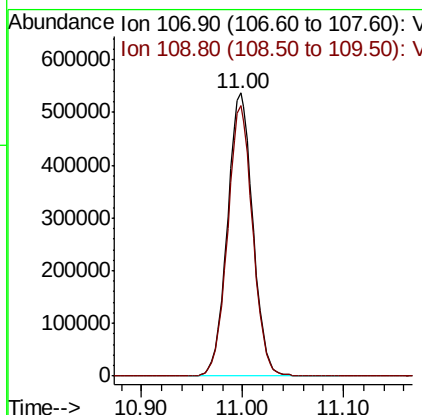
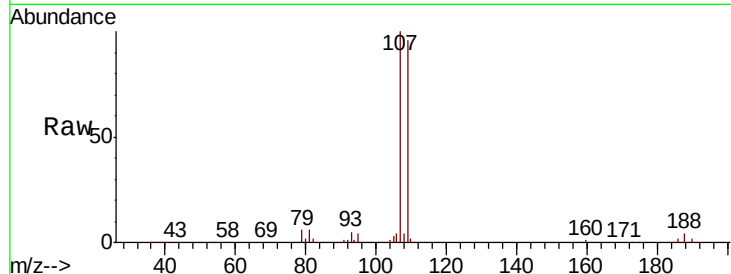




#61
 1,2-Dibromoethane
 Concen: 157.783 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

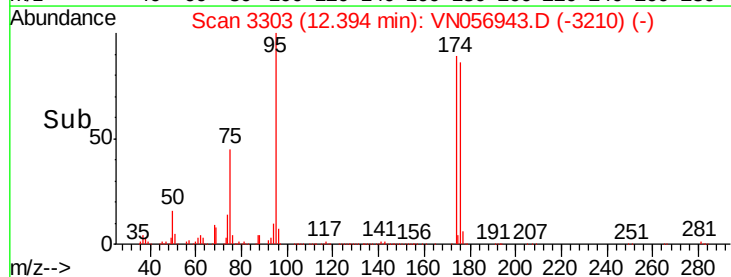
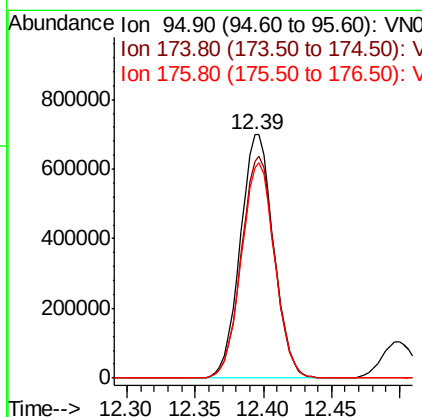
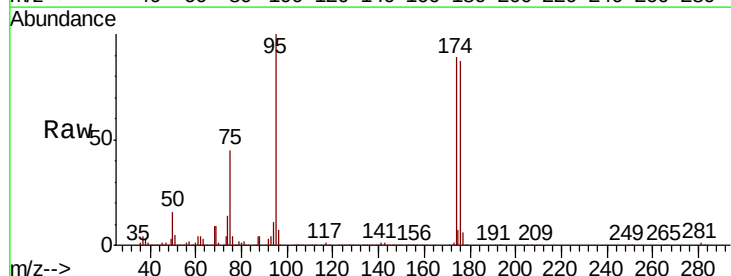
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

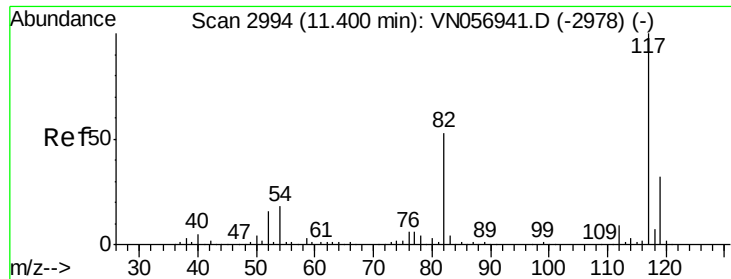
Tot Ion:107 Resp: 943247
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 168.142 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion: 95 Resp: 1182725
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 182.2
 176 88.7 0.0 179.4

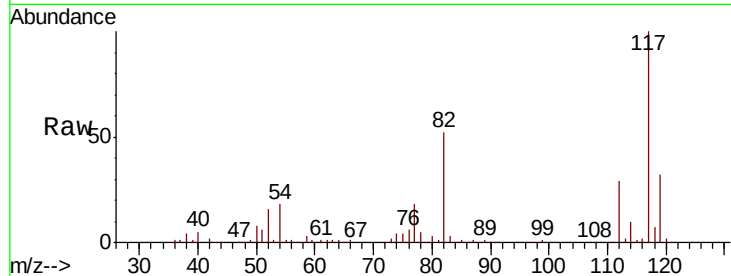




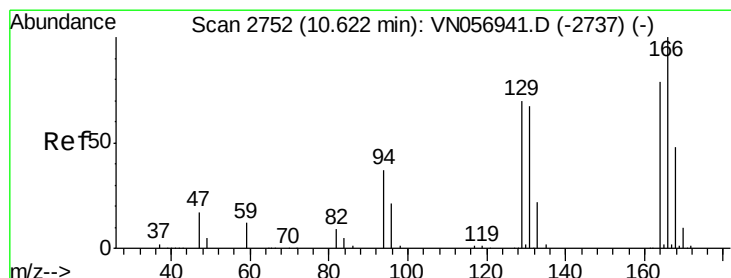
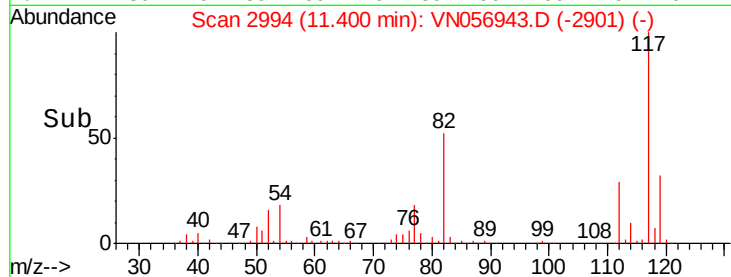
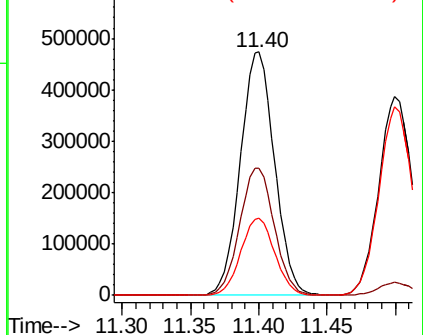
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 823919
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 31.8 25.8 38.6

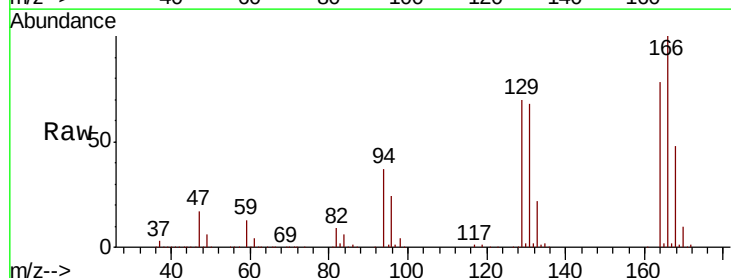


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

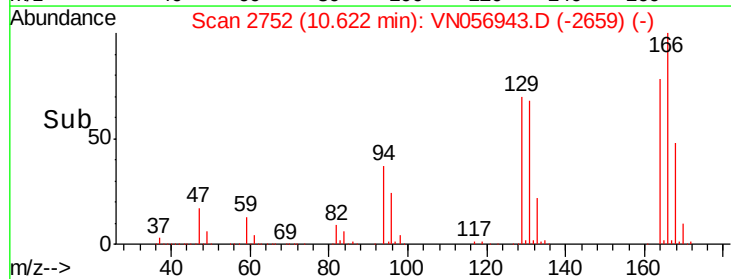
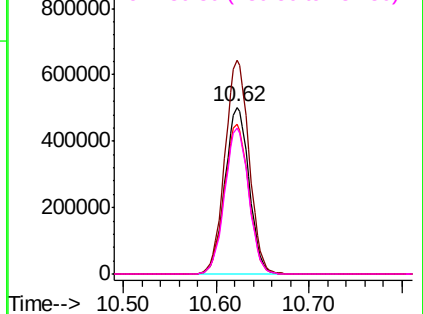


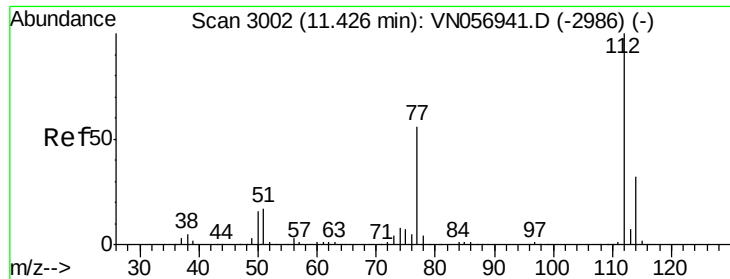
#64
Tetrachloroethene
Concen: 123.153 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion:164 Resp: 906360
Ion Ratio Lower Upper
164 100
166 128.0 101.1 151.7
129 90.0 70.9 106.3
131 87.4 67.7 101.5



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

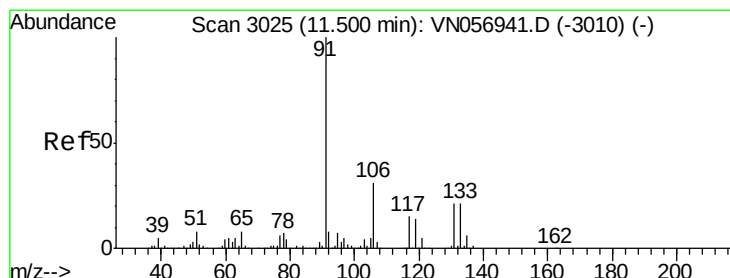
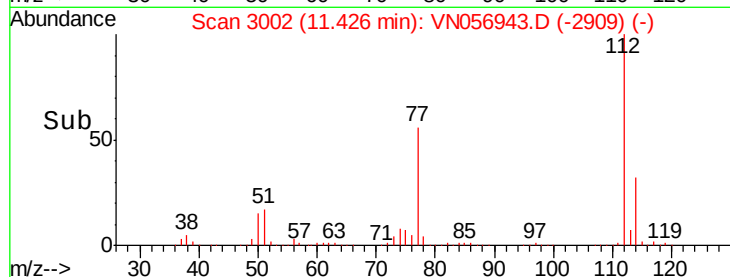
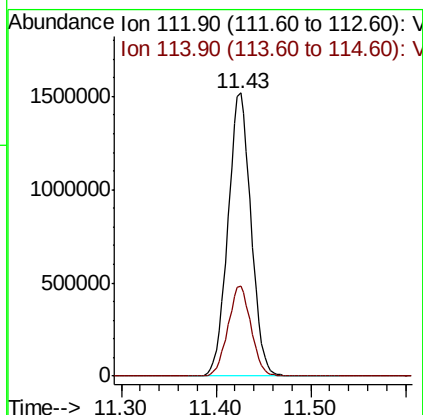
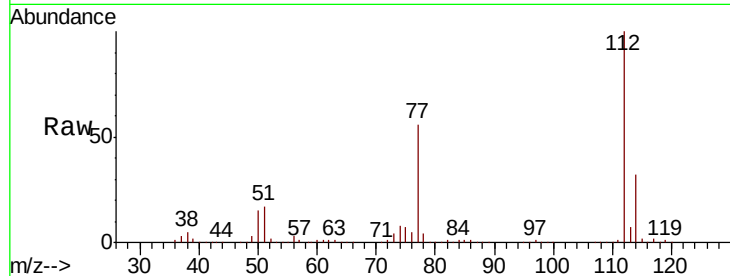




#65
Chlorobenzene
Concen: 150.998 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

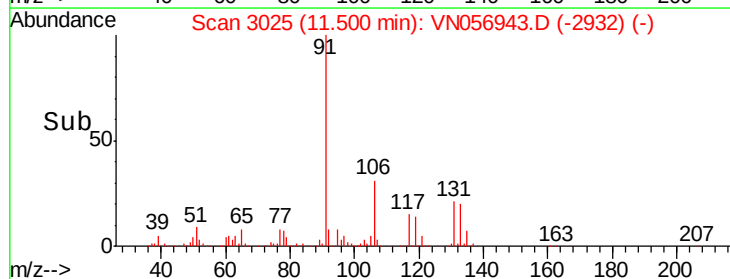
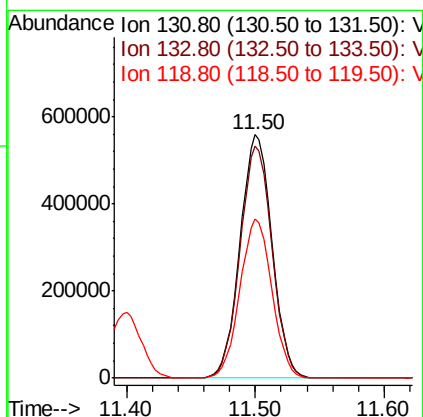
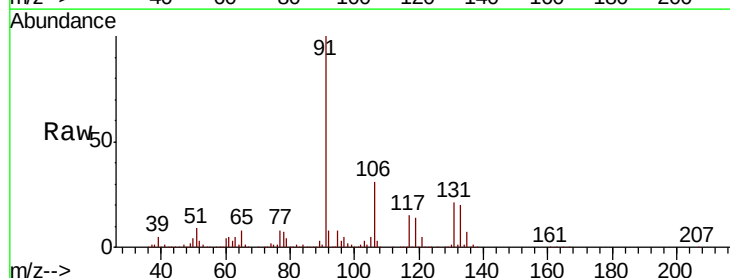
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

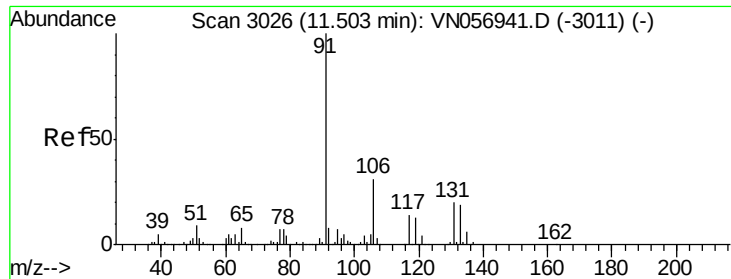
Tot Ion:112 Resp: 2566685
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 151.766 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion:131 Resp: 963129
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 65.4 33.2 99.6

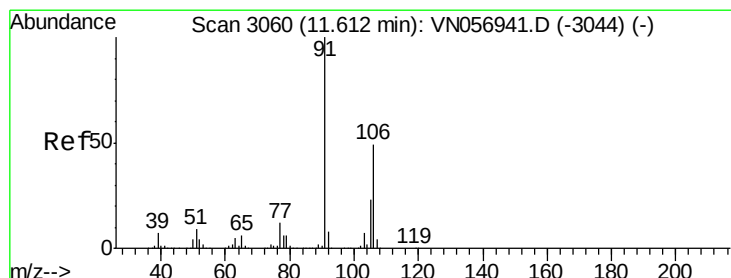
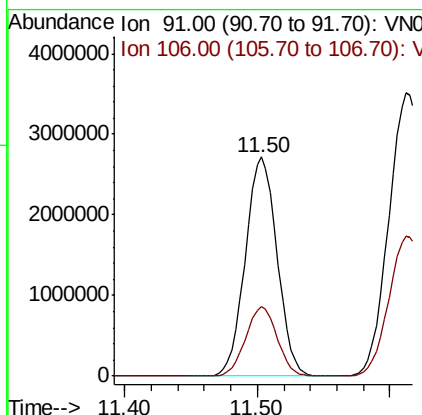
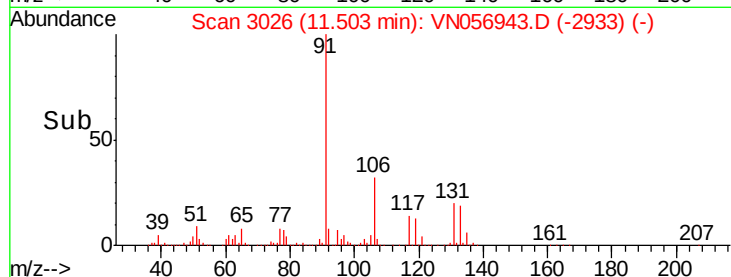
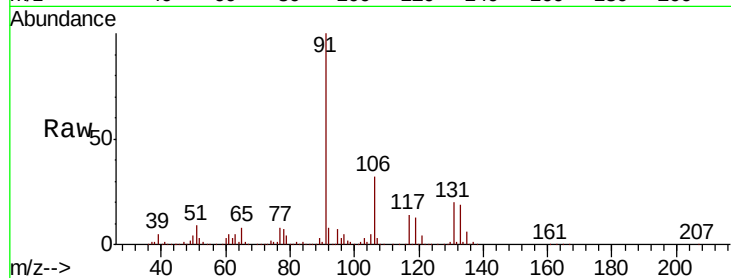




#67
Ethyl Benzene
Concen: 153.897 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

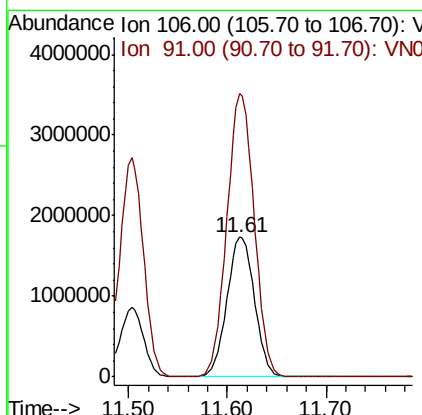
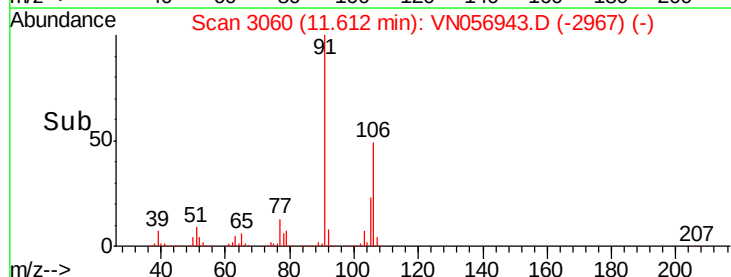
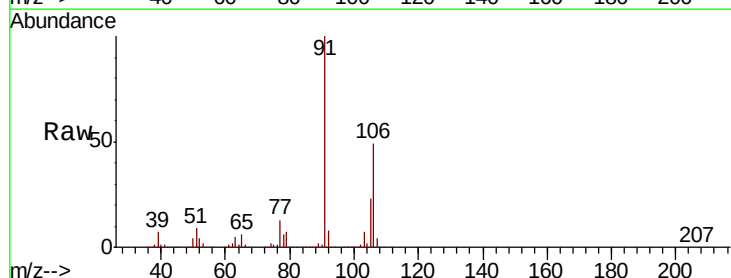
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

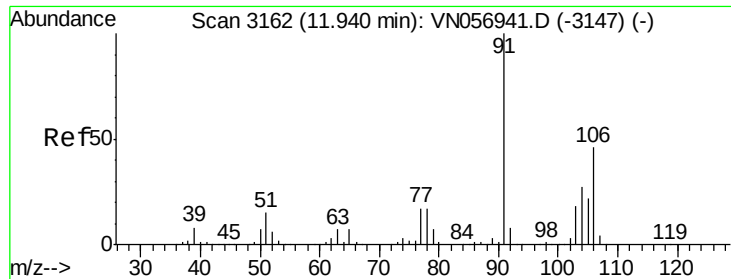
Tot Ion: 91 Resp: 4502477
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7



#68
m/p-Xylenes
Concen: 309.567 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion: 106 Resp: 3373197
Ion Ratio Lower Upper
106 100
91 201.5 160.0 240.0

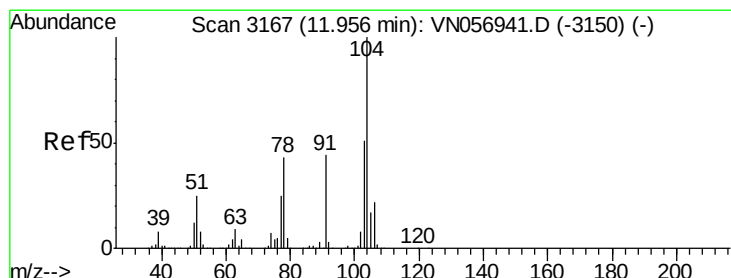
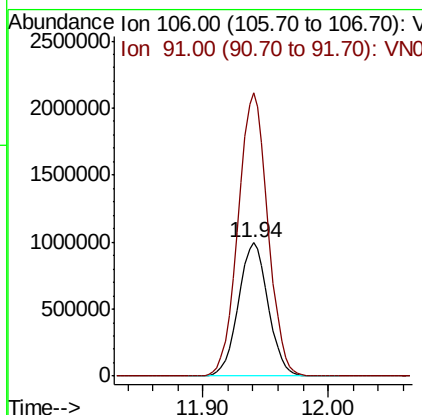
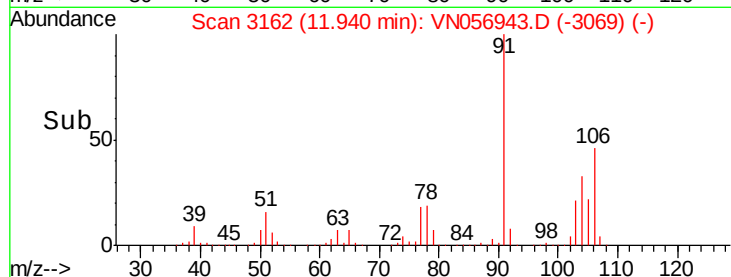
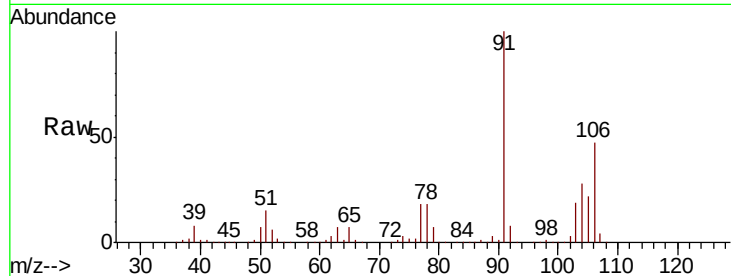




#69
o-Xylene
Concen: 153.499 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

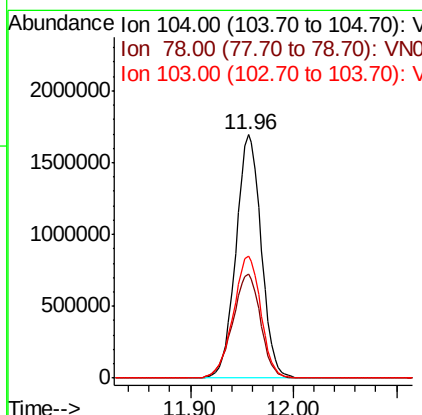
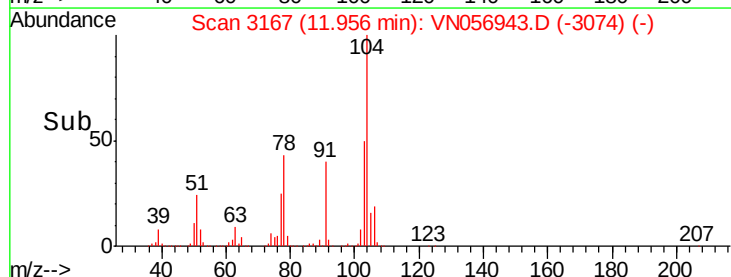
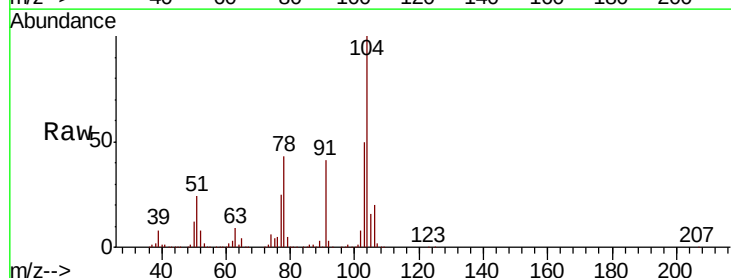
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

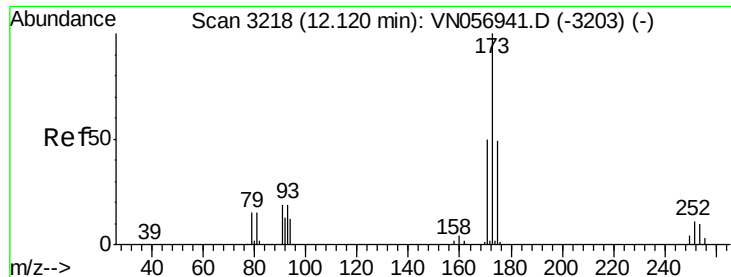
Tot Ion:106 Resp: 1636600
Ion Ratio Lower Upper
106 100
91 211.9 106.2 318.6



#70
Styrene
Concen: 170.915 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN056943.D
Acq: 26 Jul 2019 12:42

Tgt Ion:104 Resp: 2886792
Ion Ratio Lower Upper
104 100
78 47.2 38.1 57.1
103 54.7 44.3 66.5





#71

Bromoform

Concen: 168.402 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

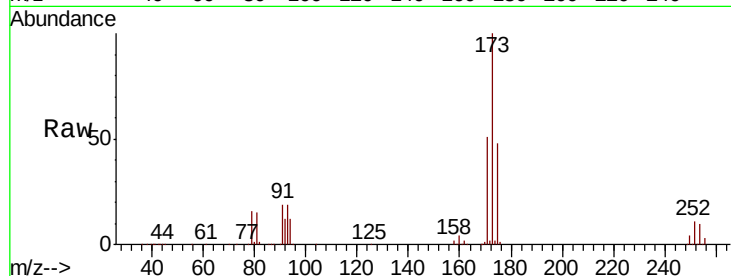
Tot Ion:173 Resp: 750018

Ion Ratio Lower Upper

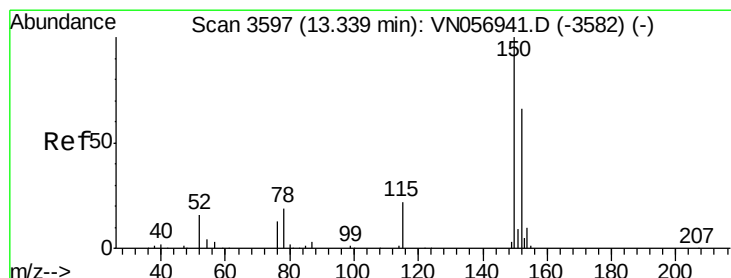
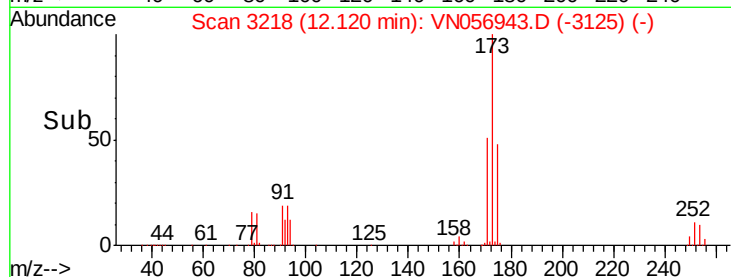
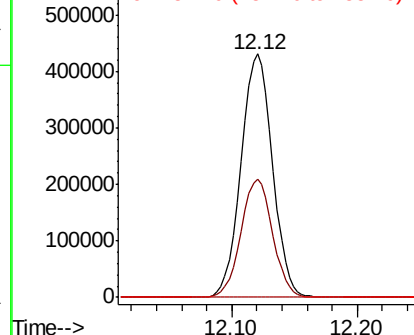
173 100

175 48.8 24.1 72.4

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: VN056943.D

Acq: 26 Jul 2019 12:42

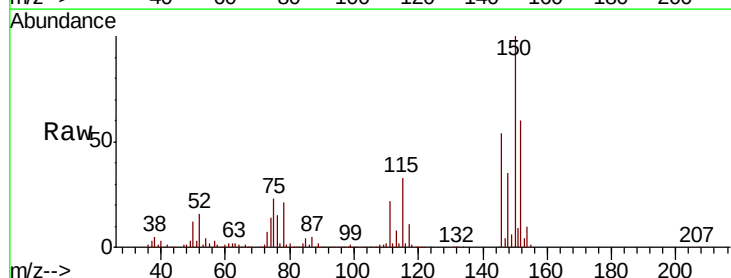
Tgt Ion:152 Resp: 386349

Ion Ratio Lower Upper

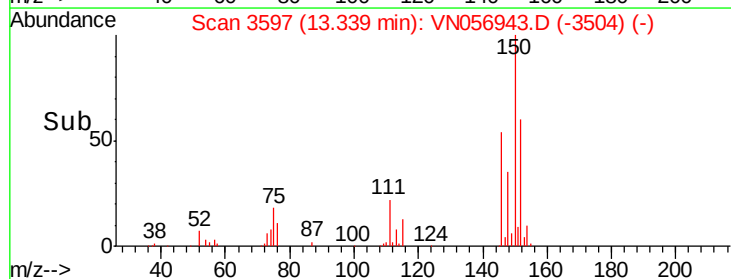
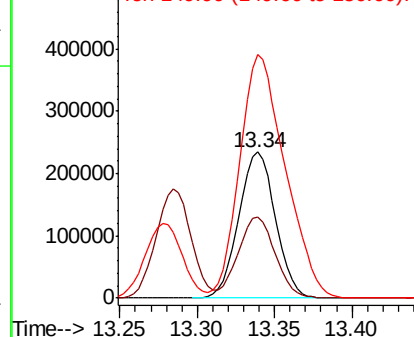
152 100

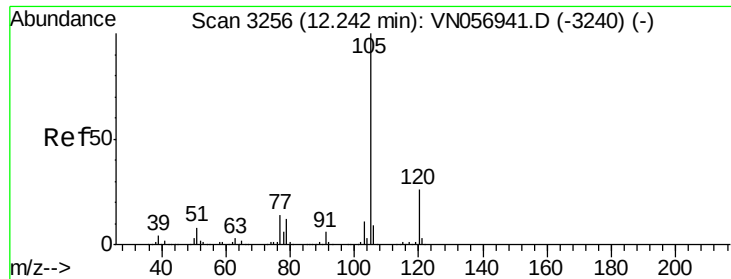
115 56.0 28.2 84.6

150 206.6 0.0 349.4



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: 126.151 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

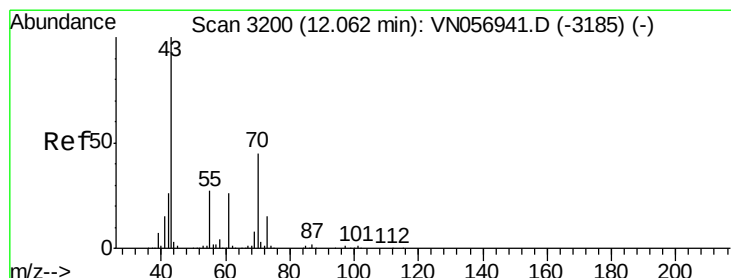
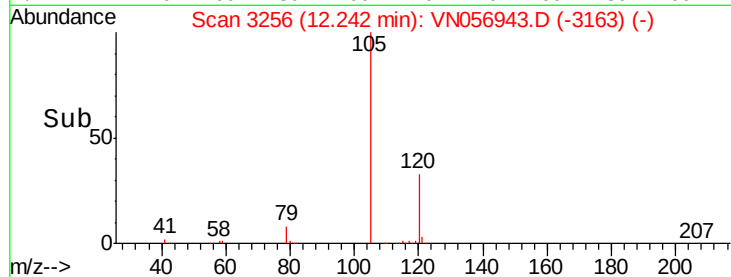
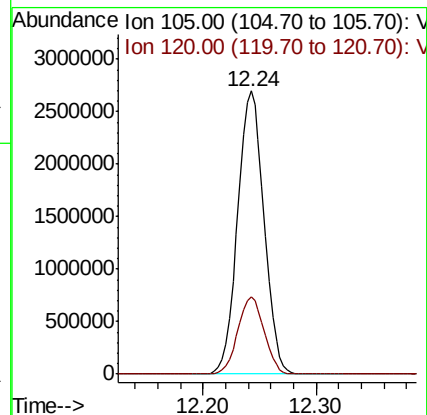
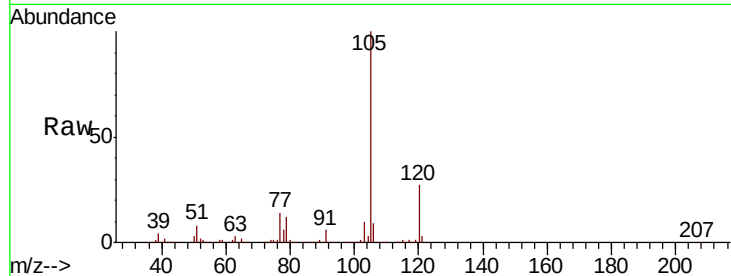
VSTDIC150

Tot Ion:105 Resp: 4368172

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5



#74

N-amyl acetate

Concen: 142.383 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Tgt Ion: 43 Resp: 1455970

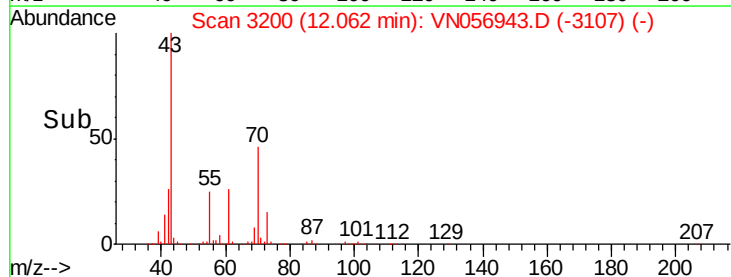
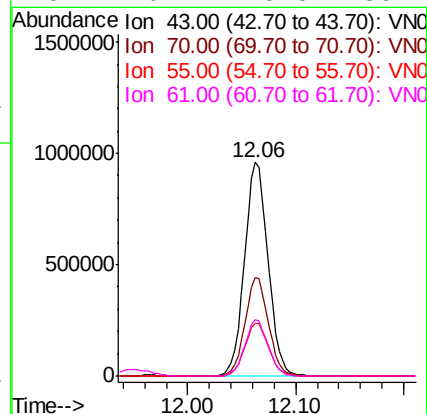
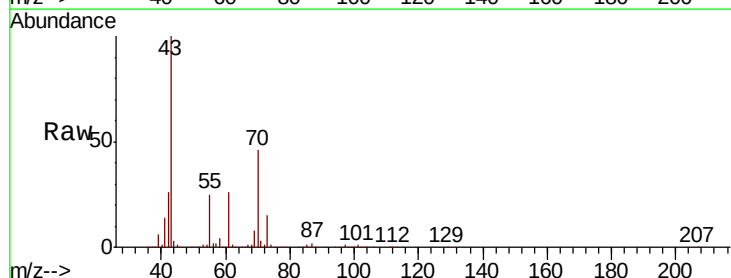
Ion Ratio Lower Upper

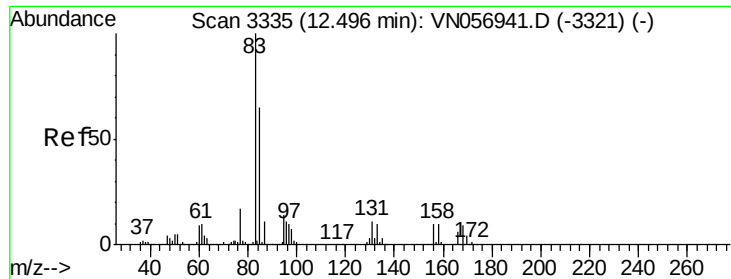
43 100

70 45.9 36.5 54.7

55 25.1 21.4 32.0

61 26.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 118.476 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

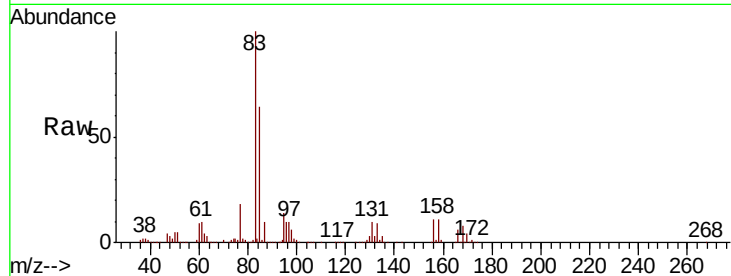
Tot Ion: 83 Resp: 1195497

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	16.1
85	64.0	32.5	97.4

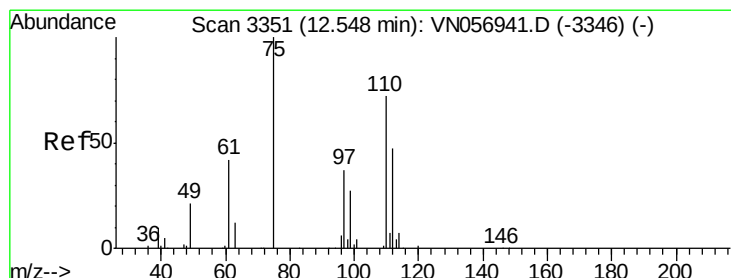
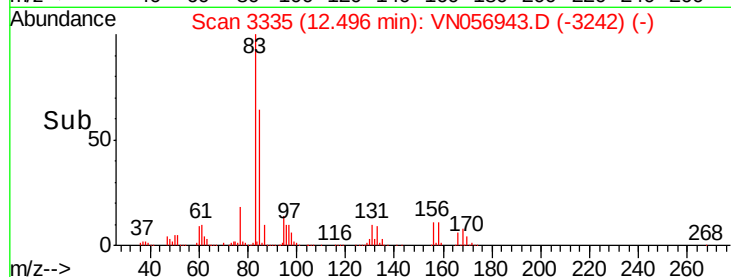
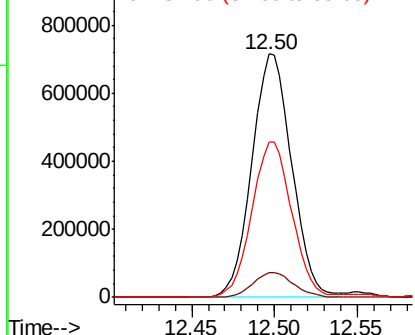
83 100

131 10.6 5.3 16.1

85 64.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 197.926 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN056943.D

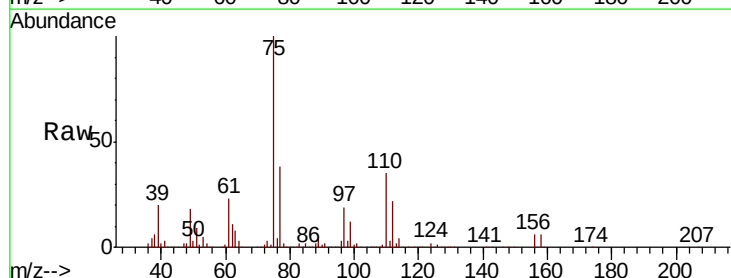
Acq: 26 Jul 2019 12:42

Tgt Ion: 75 Resp: 1497290

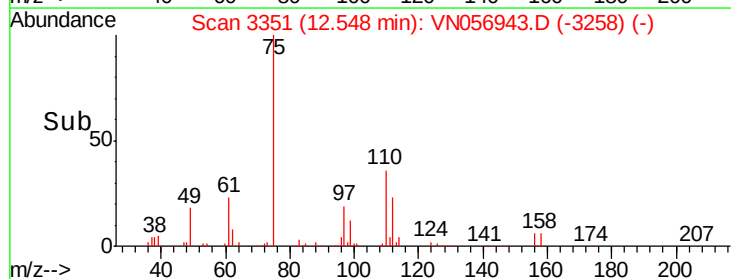
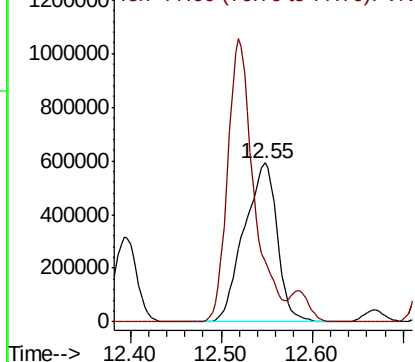
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

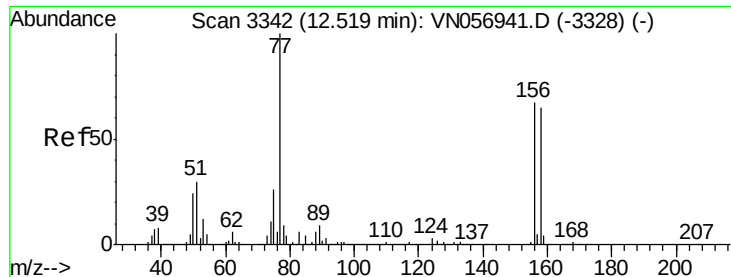
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 132.950 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

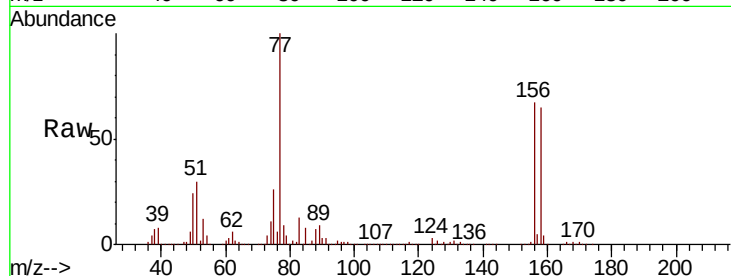
Tot Ion:156 Resp: 1178968

Ion Ratio Lower Upper

156 100

77 179.4 89.5 268.5

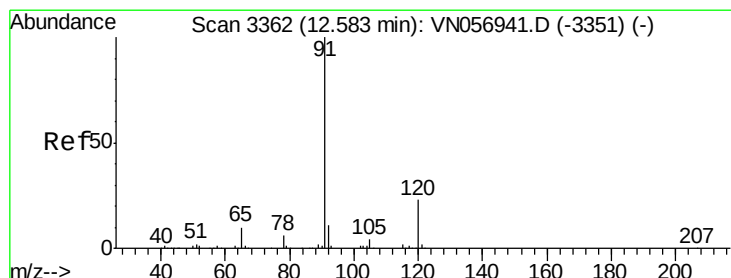
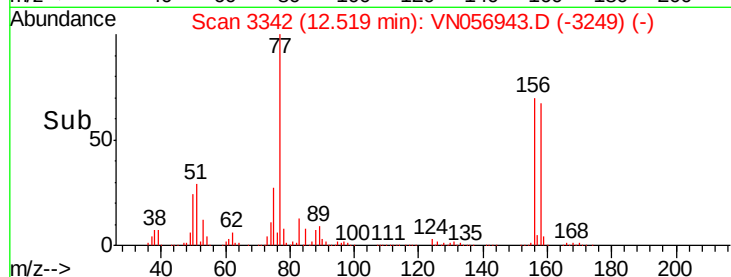
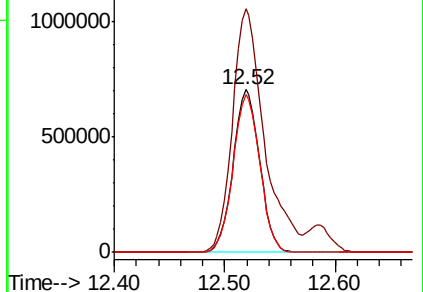
158 97.5 48.4 145.3



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: 135.816 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN056943.D

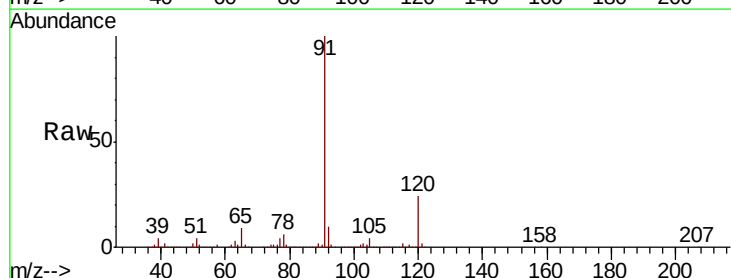
Acq: 26 Jul 2019 12:42

Tgt Ion: 91 Resp: 4969194

Ion Ratio Lower Upper

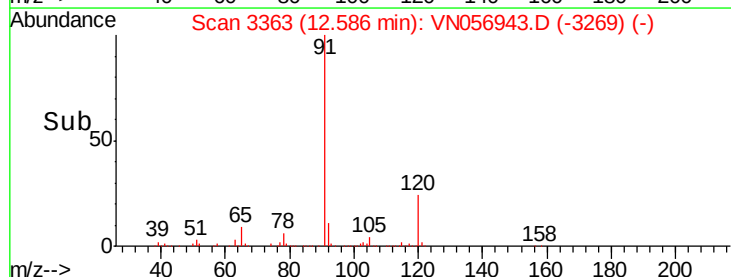
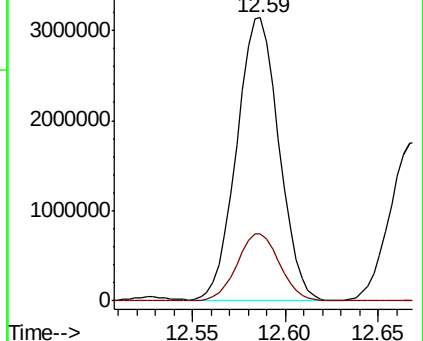
91 100

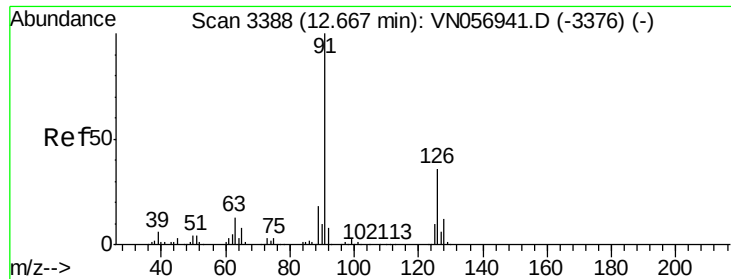
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 129.002 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

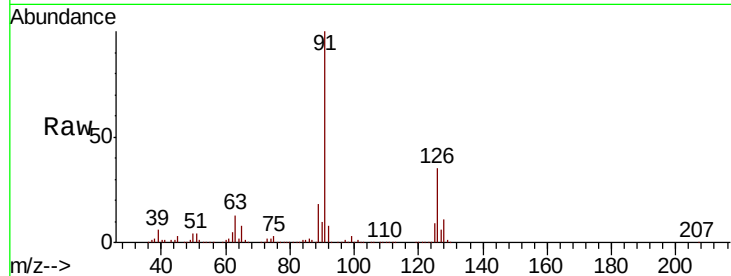
VSTDIC150

Tot Ion: 91 Resp: 2938451

Ion Ratio Lower Upper

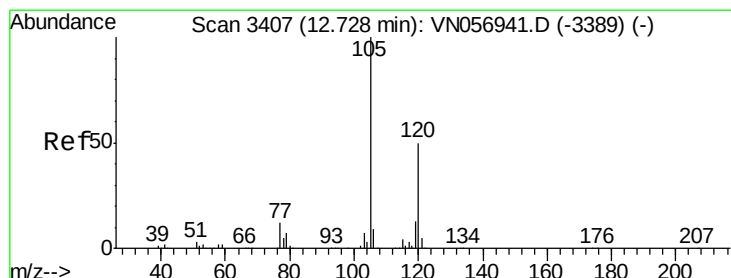
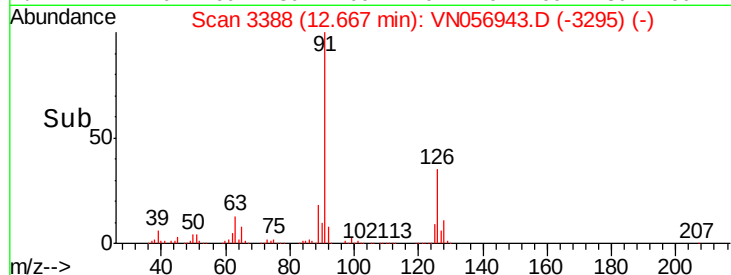
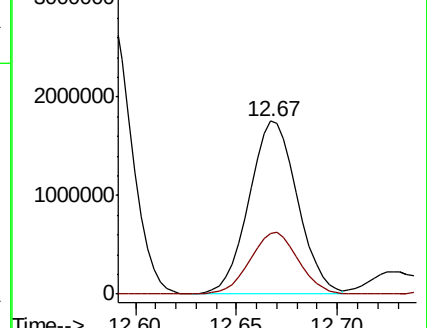
91 100

126 35.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN056943.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN056943.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 128.694 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN056943.D

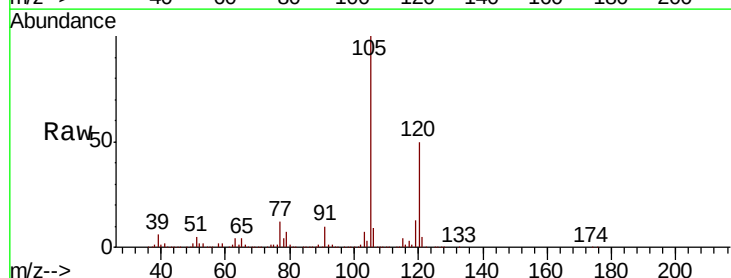
Acq: 26 Jul 2019 12:42

Tgt Ion:105 Resp: 3680224

Ion Ratio Lower Upper

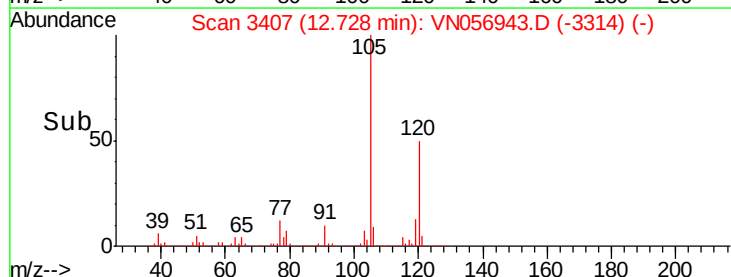
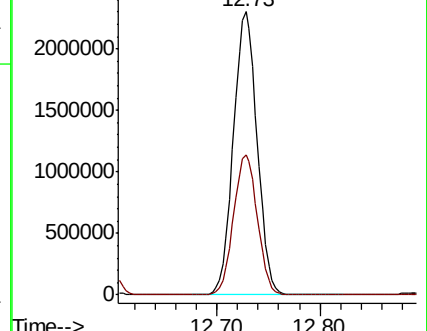
105 100

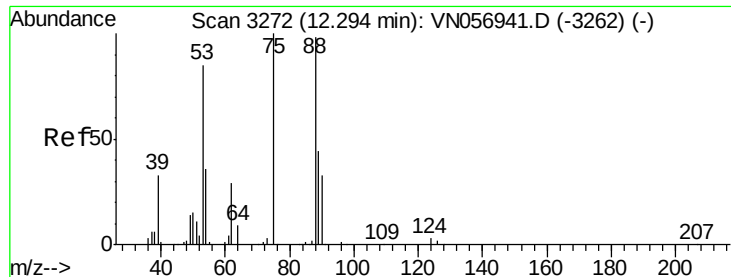
120 49.8 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056943.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN056943.D (-3389) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 161.887 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

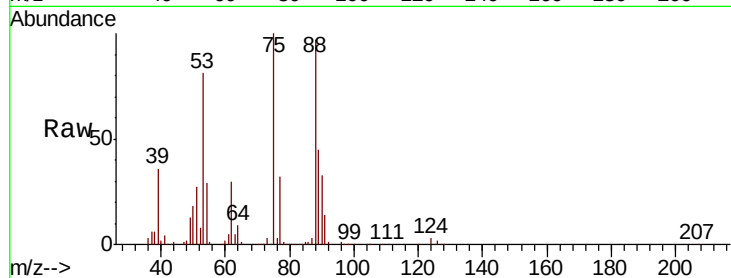
Tot Ion: 75 Resp: 397146

Ion Ratio Lower Upper

75 100

53 82.3 69.3 103.9

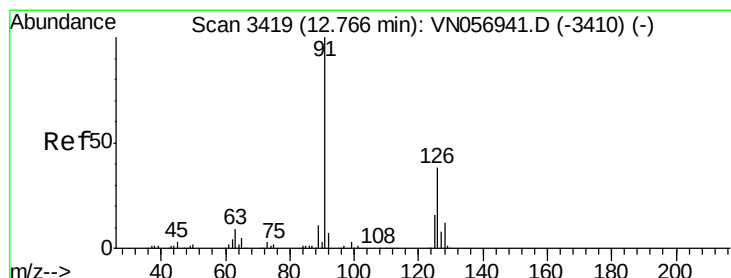
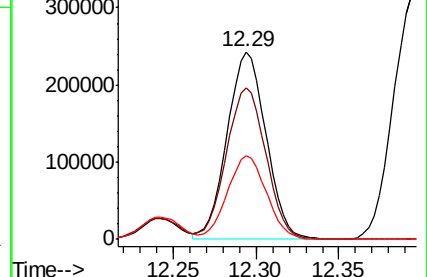
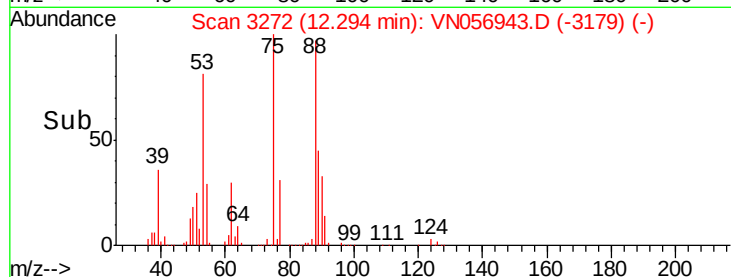
89 44.7 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 142.242 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN056943.D

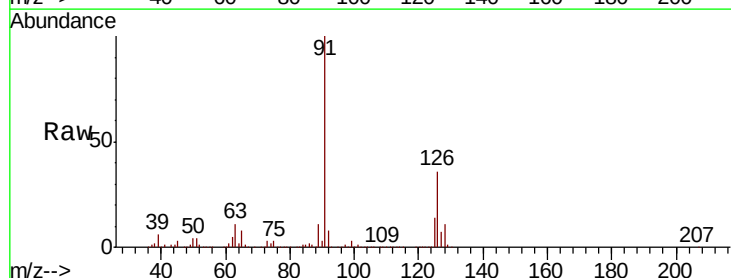
Acq: 26 Jul 2019 12:42

Tgt Ion: 91 Resp: 2973329

Ion Ratio Lower Upper

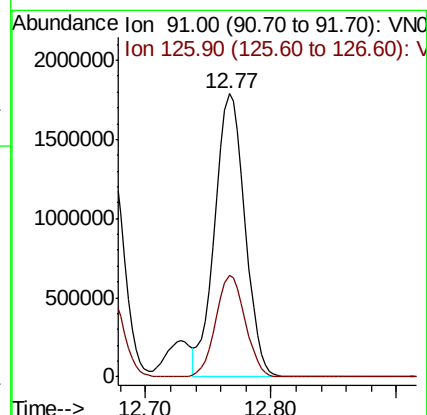
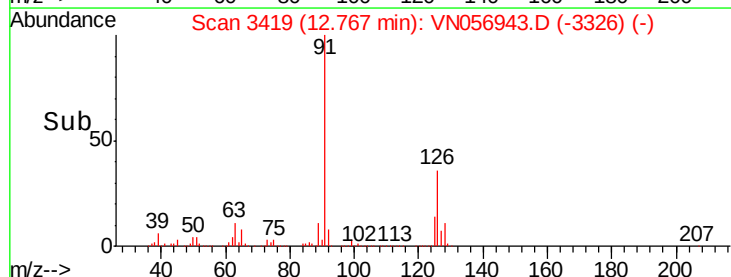
91 100

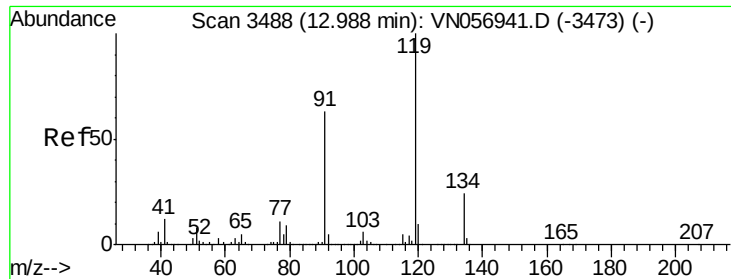
126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

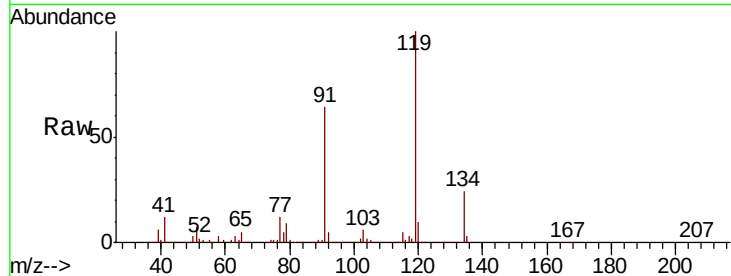




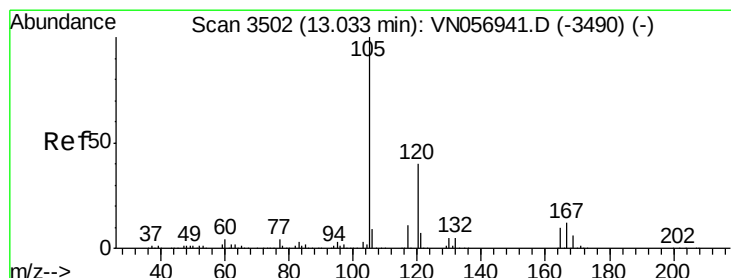
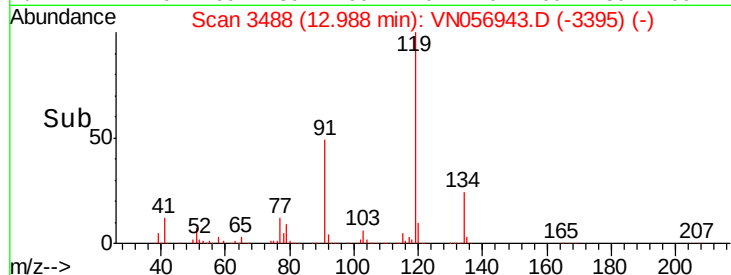
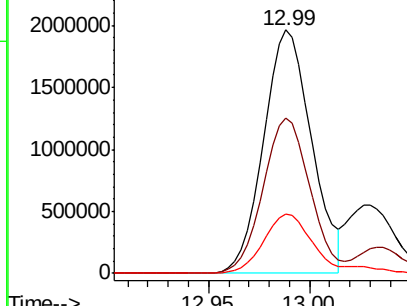
#83
 tert-Butylbenzene
 Concen: 128.722 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 3247716
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.3 93.8
 134 26.2 13.3 39.8

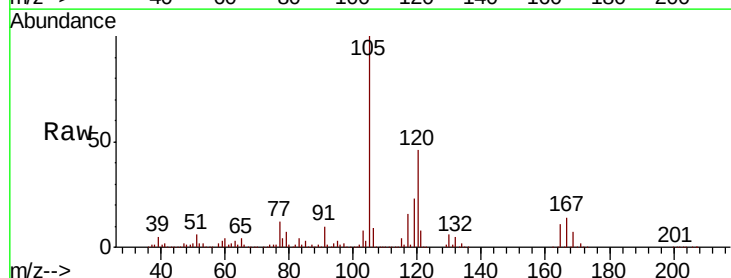


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

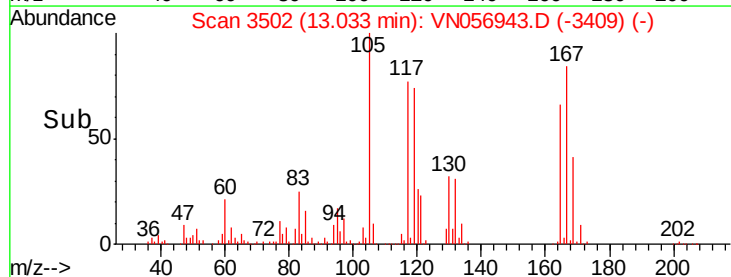
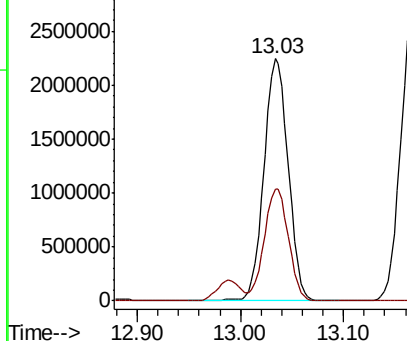


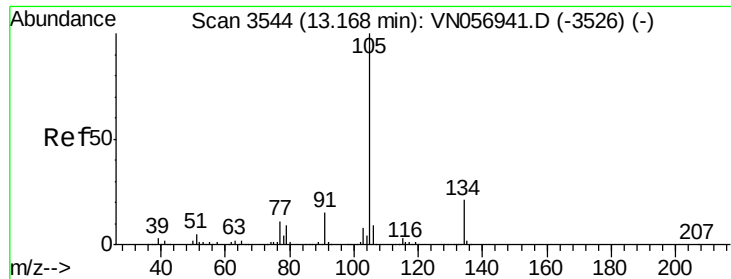
#84
 1,2,4-Trimethylbenzene
 Concen: 135.027 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion:105 Resp: 3651967
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 133.849 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

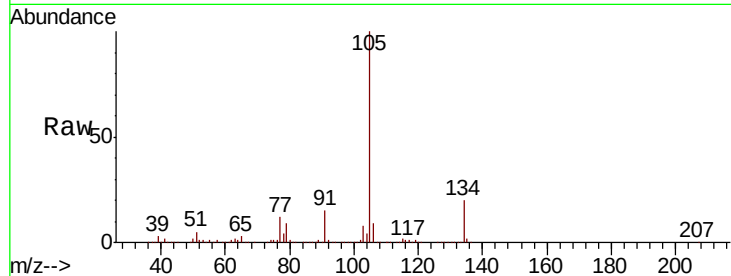
VSTDIC150

Tot Ion:105 Resp: 4264458

Ion Ratio Lower Upper

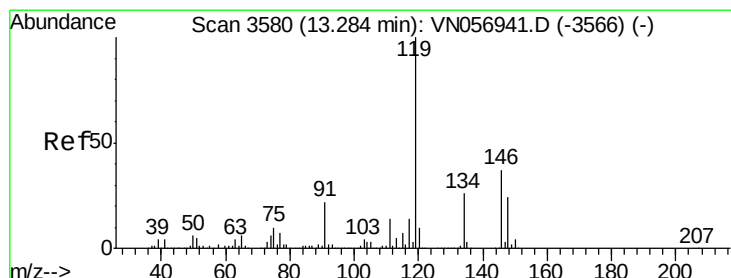
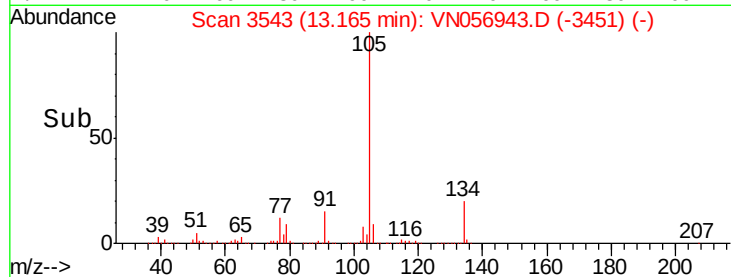
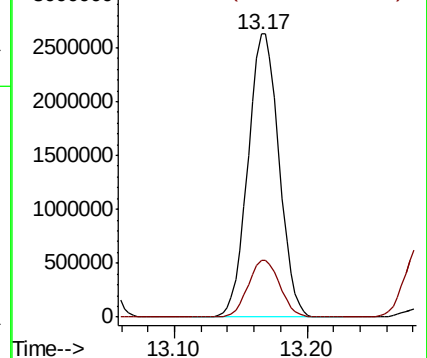
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 138.879 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

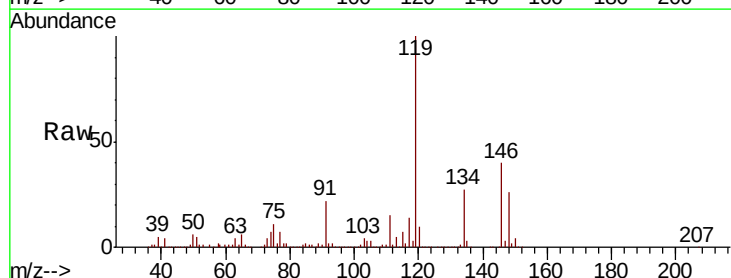
Tgt Ion:119 Resp: 3914945

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

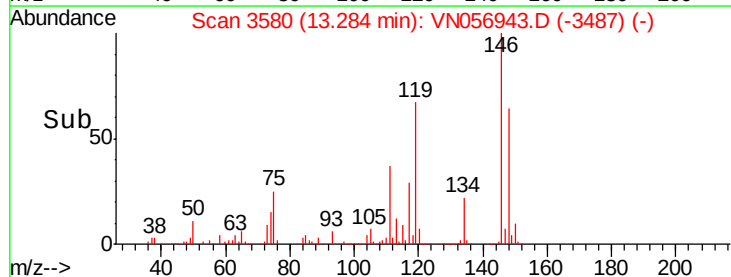
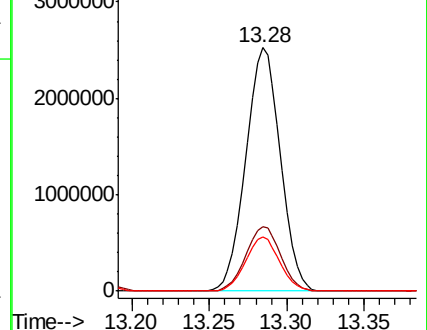
91 21.9 11.0 33.0

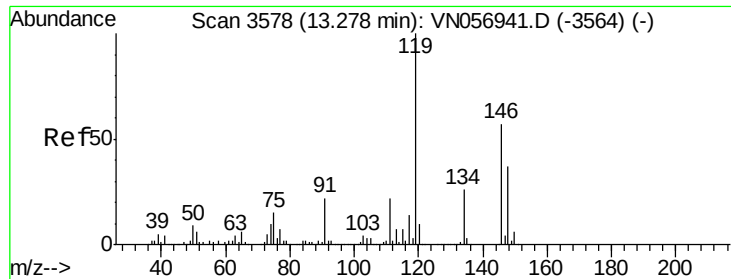


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

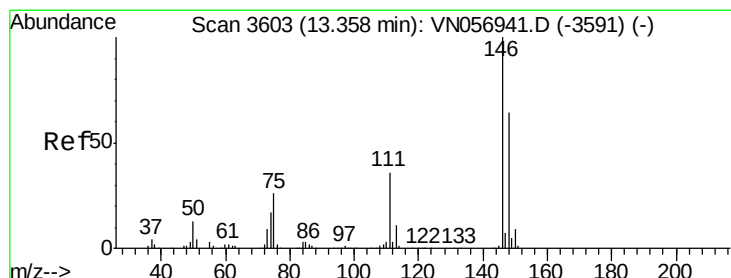
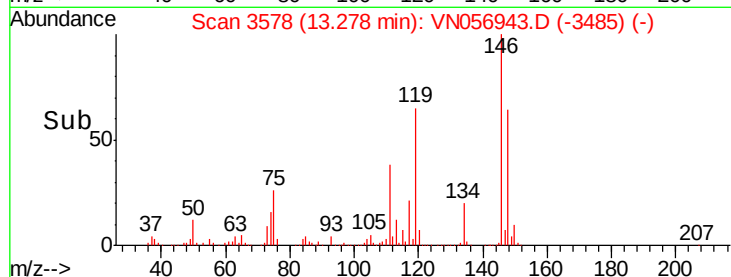
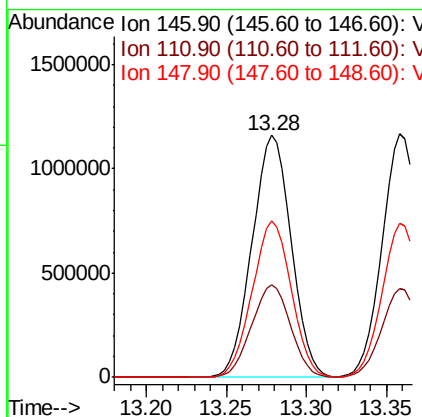
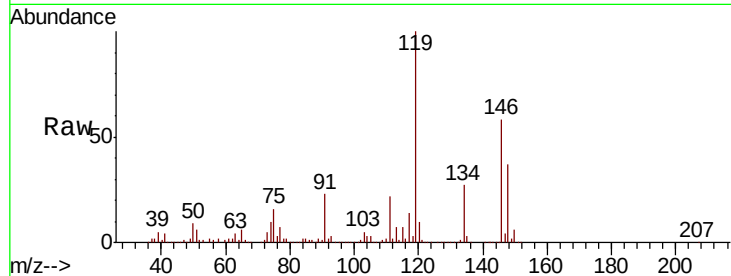




#87
 1,3-Dichlorobenzene
 Concen: 147.268 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

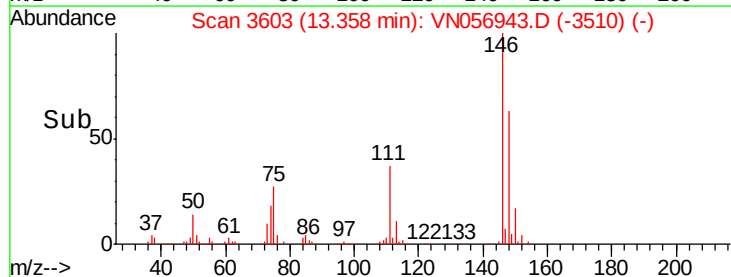
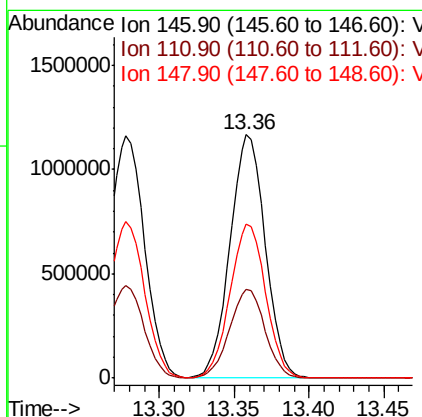
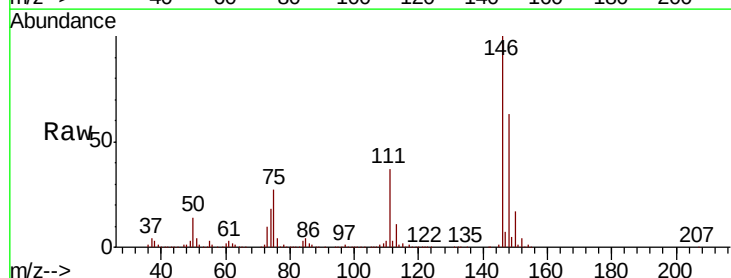
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

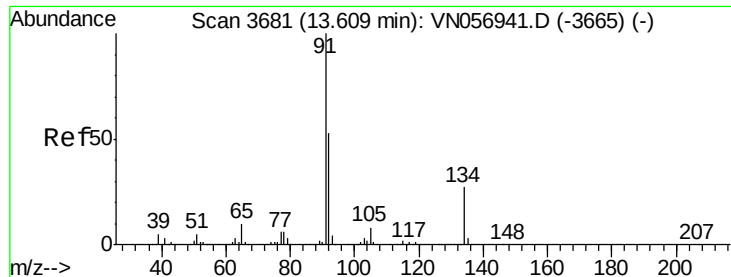
Tot Ion:146 Resp: 1951120
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 55.8
 148 64.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 150.457 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion:146 Resp: 1914426
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.2
 148 63.9 32.3 96.9





#89

n-Butylbenzene

Concen: 151.274 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

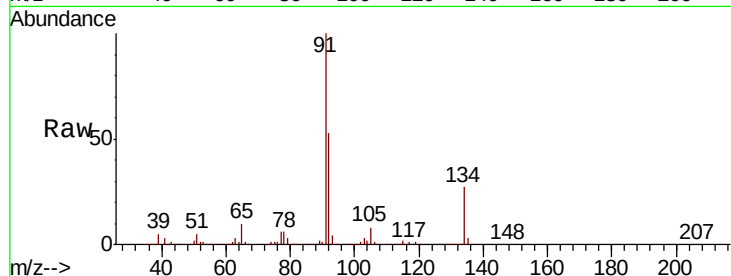
Tot Ion: 91 Resp: 3295865

Ion Ratio Lower Upper

91 100

92 52.9 26.2 78.5

134 27.4 13.5 40.4

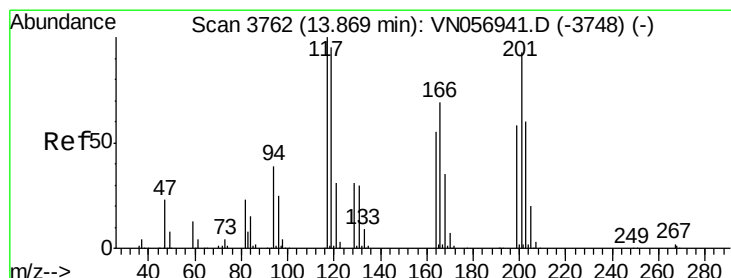
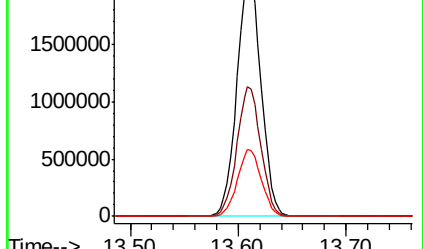
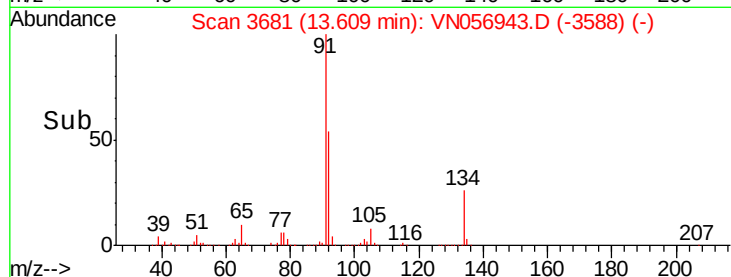


Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN056941.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN056941.D (-3665) (-)

Time-->



#90

Hexachloroethane

Concen: 136.834 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN056943.D

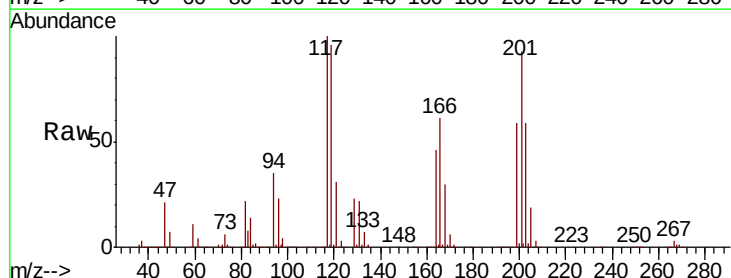
Acq: 26 Jul 2019 12:42

Tgt Ion: 117 Resp: 687094

Ion Ratio Lower Upper

117 100

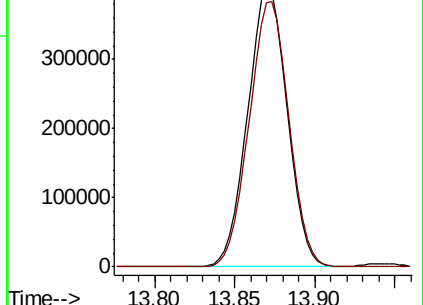
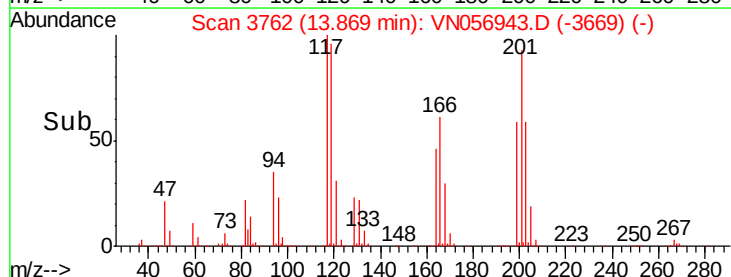
201 95.1 47.0 141.2

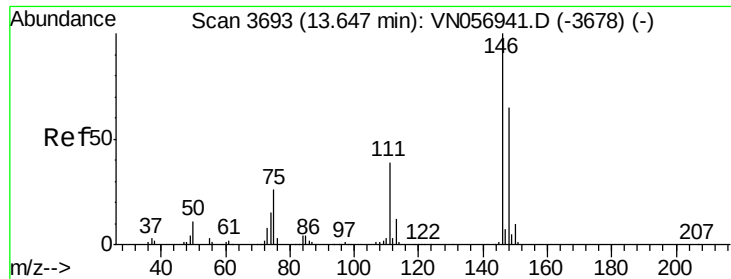


Abundance Ion 116.80 (116.50 to 117.50): VN056941.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN056941.D (-3748) (-)

Time-->



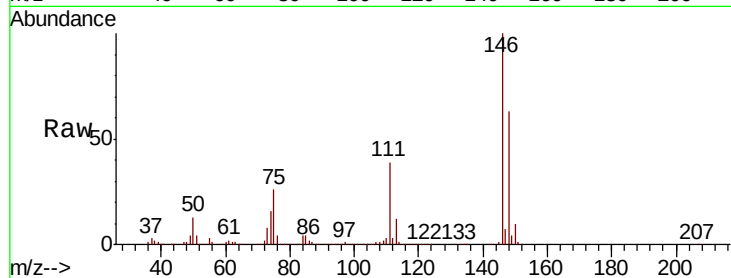


#91
 1,2-Dichlorobenzene
 Concen: 138.198 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

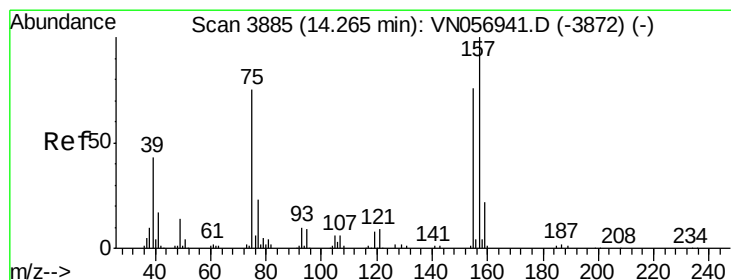
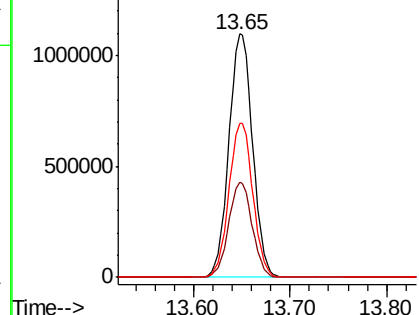
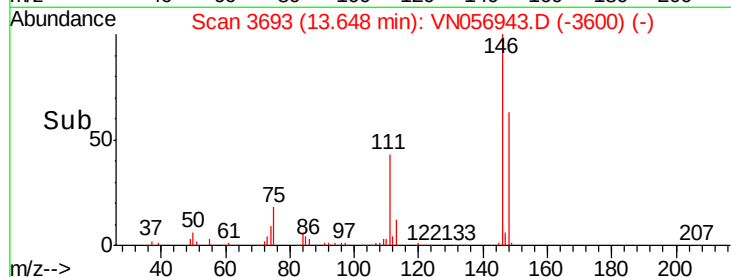
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1856065

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.4
148	63.8	32.2	96.6



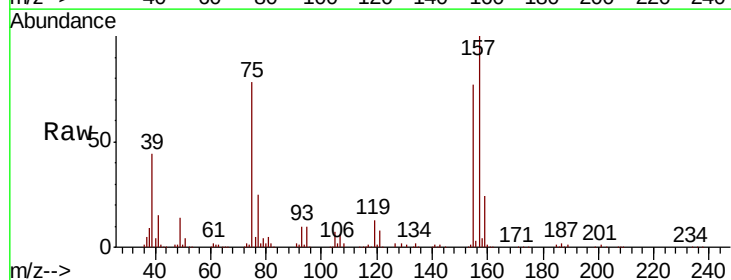
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



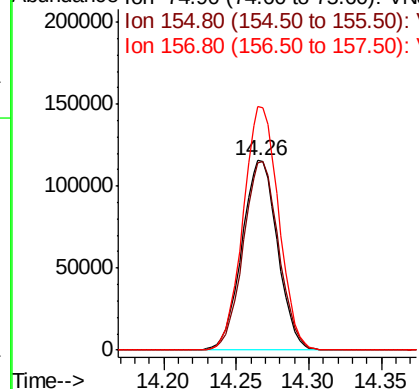
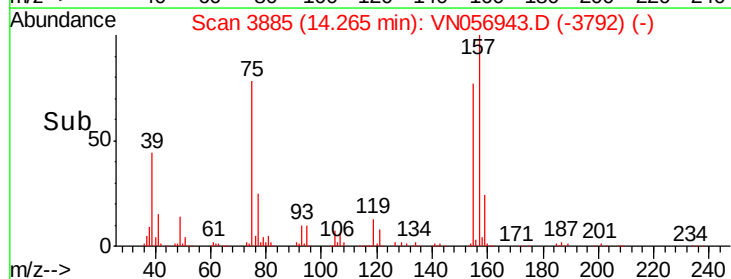
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 143.242 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

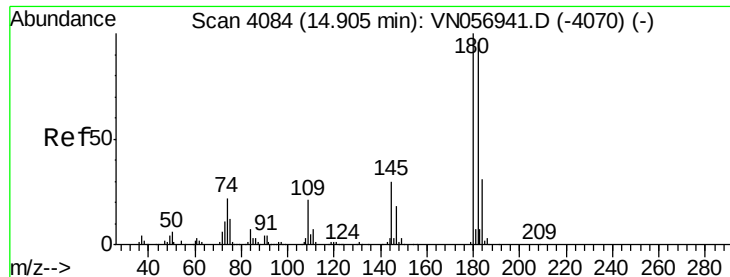
Tgt Ion: 75 Resp: 197446

Ion	Ratio	Lower	Upper
75	100		
155	98.8	50.2	150.6
157	128.2	65.1	195.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

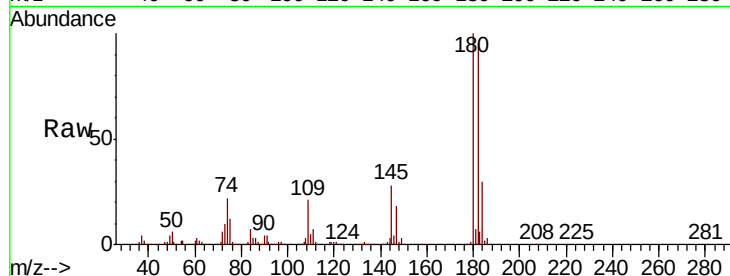




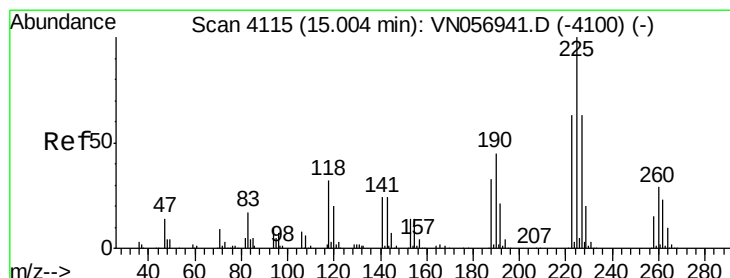
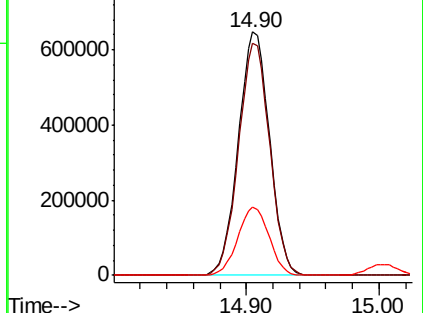
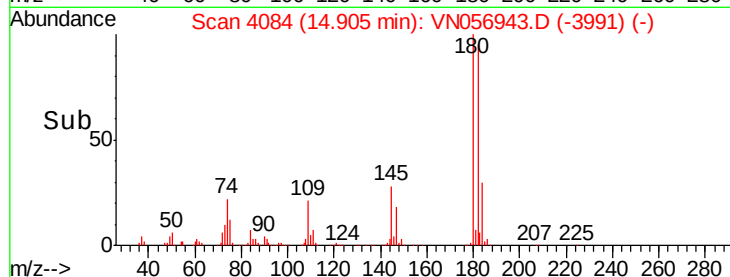
#93
 1,2,4-Trichlorobenzene
 Concen: 188.221 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 1054906
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.8
 145 28.2 14.2 42.8

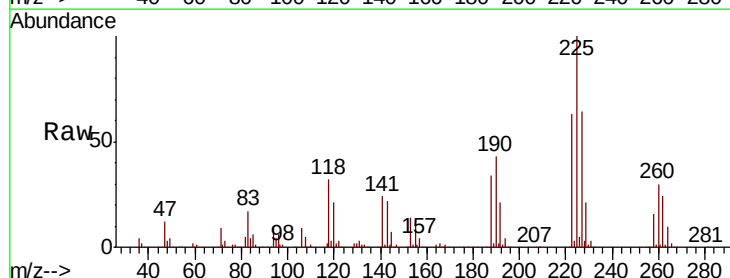


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

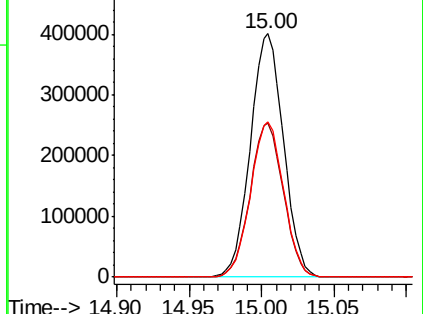
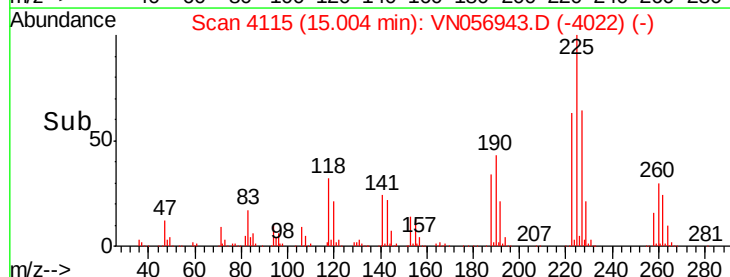


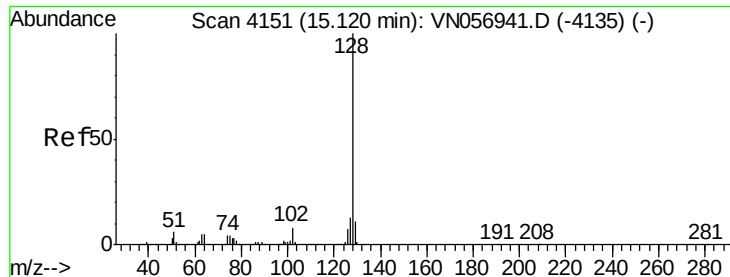
#94
 Hexachlorobutadiene
 Concen: 117.107 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN056943.D
 Acq: 26 Jul 2019 12:42

Tgt Ion:225 Resp: 638059
 Ion Ratio Lower Upper
 225 100
 223 63.3 30.8 92.4
 227 63.9 31.1 93.5



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: 185.224 ug/l

RT: 15.12 min Scan# 4151

Delta R.T. 0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

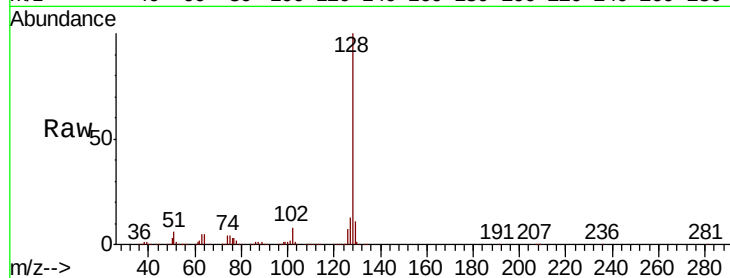
Tot Ion:128 Resp: 2586102

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.8 8.7 13.1

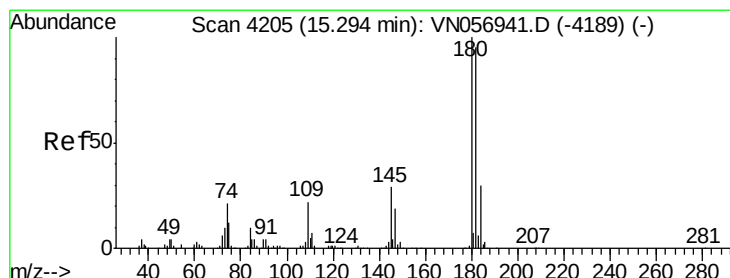
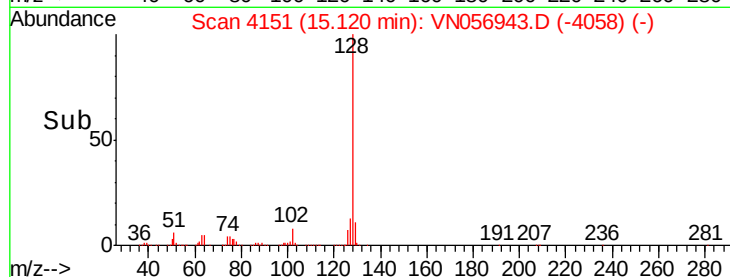
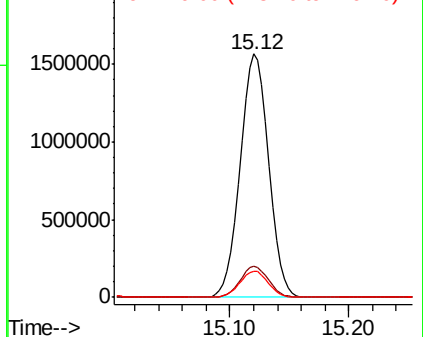


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 174.212 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. -0.00 min

Lab File: VN056943.D

Acq: 26 Jul 2019 12:42

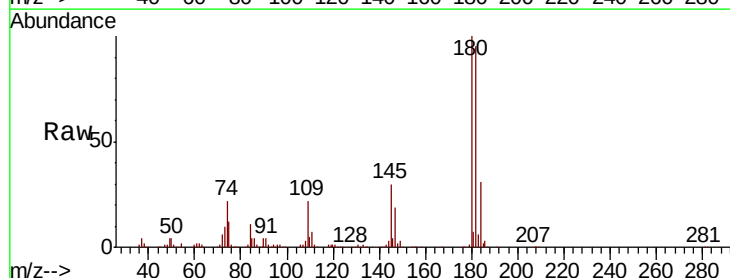
Tgt Ion:180 Resp: 1048082

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.2

145 29.9 15.0 45.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

