

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056426.D
 Acq On : 21 Jun 2019 15:16
 Operator : JC/SP
 Sample : VN0621WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

Quant Time: Jun 22 01:46:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	366195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	568279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	209516	51.62	ug/l	0.00
Spiked Amount						
			Recovery	=	103.24%	
35) Dibromofluoromethane	7.59	113	179727	50.70	ug/l	0.00
Spiked Amount						
			Recovery	=	101.40%	
50) Toluene-d8	10.09	98	689758	50.00	ug/l	0.00
Spiked Amount						
			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	220740	48.00	ug/l	0.00
Spiked Amount						
			Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	63390	20.443	ug/l	98
3) Chloromethane	2.06	50	81915	19.402	ug/l	99
4) Vinyl Chloride	2.18	62	82019	20.113	ug/l	98
5) Bromomethane	2.54	94	48475	20.277	ug/l	100
6) Chloroethane	2.68	64	48831	20.678	ug/l	94
7) Trichlorofluoromethane	3.00	101	106669	20.222	ug/l	100
8) Diethyl Ether	3.41	74	46372	20.772	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67805	20.157	ug/l	100
10) Methyl Iodide	3.95	142	91870	20.207	ug/l	99
11) Tert butyl alcohol	4.80	59	69021	100.972	ug/l	97
12) 1,1-Dichloroethene	3.73	96	66889	20.677	ug/l	99
13) Acrolein	3.61	56	50846	88.256	ug/l	98
14) Allyl chloride	4.32	41	107630	19.987	ug/l	99
15) Acrylonitrile	4.99	53	201312	106.453	ug/l	99
16) Acetone	3.82	43	179599	88.324	ug/l	99
17) Carbon Disulfide	4.05	76	133463	18.139	ug/l	100
18) Methyl Acetate	4.33	43	90547	22.254	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	224776	20.999	ug/l	100
20) Methylene Chloride	4.55	84	80812	20.558	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	70627	20.250	ug/l	98
22) Diisopropyl ether	5.96	45	236796	20.938	ug/l	94
23) Vinyl Acetate	5.90	43	967928	108.514	ug/l	100
24) 1,1-Dichloroethane	5.85	63	136083	20.962	ug/l	99
25) 2-Butanone	6.84	43	271351	100.828	ug/l	96
26) 2,2-Dichloropropane	6.82	77	84841	18.791	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	86553	21.212	ug/l	97
28) Bromochloromethane	7.19	49	64976	20.235	ug/l	100
29) Tetrahydrofuran	7.21	42	182382	110.896	ug/l	99
30) Chloroform	7.37	83	132882	20.744	ug/l	98
31) Cyclohexane	7.65	56	124742	19.904	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	104161	20.514	ug/l	100
36) 1,1-Dichloropropene	7.79	75	95516	19.096	ug/l	99
37) Ethyl Acetate	6.93	43	106251	21.615	ug/l	98
38) Carbon Tetrachloride	7.77	117	87427	19.988	ug/l	98

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Quant Time: Jun 22 01:46:35 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	119323	19.333	ug/l	100
40) Benzene	8.04	78	310672	20.192	ug/l	98
41) Methacrylonitrile	7.21	41	155709	71.736	ug/l #	12
42) 1,2-Dichloroethane	8.13	62	105353	20.749	ug/l	99
43) Isopropyl Acetate	8.17	43	157994	20.844	ug/l	99
44) Trichloroethene	8.84	130	82569	19.922	ug/l	96
45) 1,2-Dichloropropane	9.12	63	85109	20.684	ug/l	98
46) Dibromomethane	9.21	93	53798	20.898	ug/l	100
47) Bromodichloromethane	9.40	83	95176	20.846	ug/l	96
48) Methyl methacrylate	9.20	41	77148	20.311	ug/l	99
49) 1,4-Dioxane	9.21	88	32776	415.816	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	522274	106.757	ug/l	100
52) Toluene	10.16	92	193720	20.594	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	94687	19.668	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	113070	20.565	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	80886	21.393	ug/l	98
56) Ethyl methacrylate	10.43	69	117238	21.217	ug/l	99
57) 1,3-Dichloropropane	10.71	76	133465	21.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	193878	97.666	ug/l	99
59) 2-Hexanone	10.75	43	363203	101.014	ug/l	99
60) Dibromochloromethane	10.90	129	69403	19.389	ug/l	100
61) 1,2-Dibromoethane	11.00	107	79889	20.687	ug/l	99
64) Tetrachloroethene	10.63	164	82708	21.031	ug/l	99
65) Chlorobenzene	11.43	112	202520	20.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	72386	21.463	ug/l	99
67) Ethyl Benzene	11.51	91	353426	20.172	ug/l	100
68) m/p-Xylenes	11.62	106	261870	40.783	ug/l	99
69) o-Xylene	11.95	106	129740	20.423	ug/l	99
70) Styrene	11.96	104	204394	20.129	ug/l	98
71) Bromoform	12.13	173	46295	19.089	ug/l #	100
73) Isopropylbenzene	12.25	105	342011	23.423	ug/l	99
74) N-amyl acetate	12.07	43	125255	21.480	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	108284	23.805	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	123438	32.491	ug/l #	100
77) Bromobenzene	12.53	156	85255	20.810	ug/l	97
78) n-propylbenzene	12.59	91	354527	21.129	ug/l	99
79) 2-Chlorotoluene	12.67	91	222343	22.789	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	276034	22.705	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21226	19.857	ug/l	91
82) 4-Chlorotoluene	12.77	91	203104	20.501	ug/l	100
83) tert-Butylbenzene	12.99	119	245324	22.921	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	257013	20.837	ug/l	100
85) sec-Butylbenzene	13.17	105	312009	21.156	ug/l	100
86) p-Isopropyltoluene	13.29	119	258614	20.433	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	126754	20.416	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	118015	19.627	ug/l	99
89) n-Butylbenzene	13.61	91	175802	18.348	ug/l	99
90) Hexachloroethane	13.87	117	40073	20.308	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	130428	21.174	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14499	21.386	ug/l	97

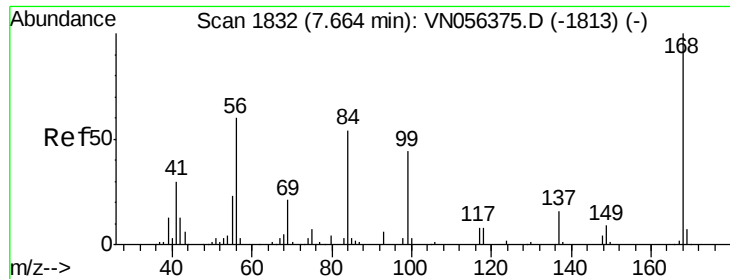
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
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QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41573	17.119	ug/l	98
94) Hexachlorobutadiene	15.01	225	45156	20.524	ug/l	99
95) Naphthalene	15.13	128	122731	18.348	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50606	18.342	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

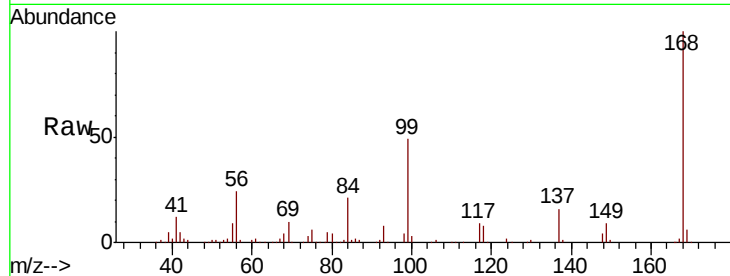
VN0621WBS02

Tot Ion:168 Resp: 366195

Ion Ratio Lower Upper

168 100

99 48.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

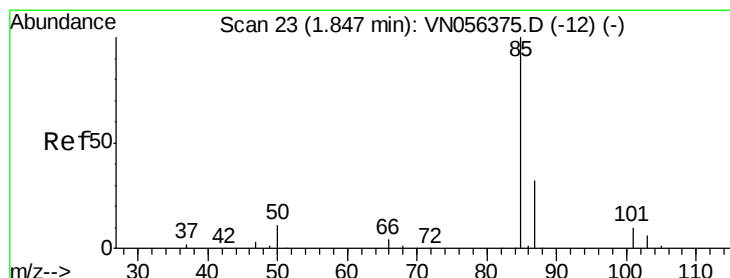
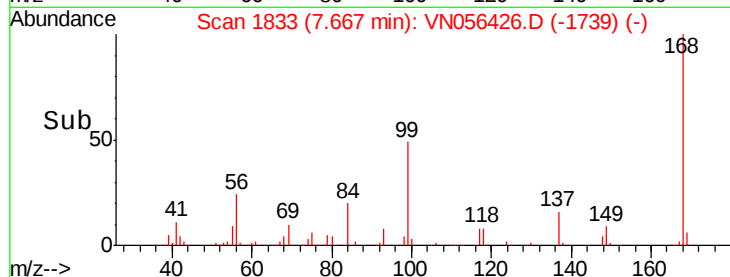
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50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.443 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056426.D

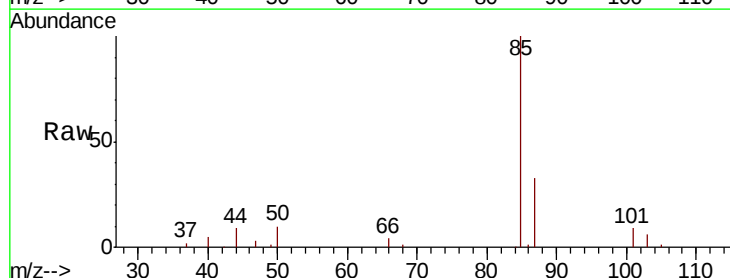
Acq: 21 Jun 2019 15:16

Tgt Ion: 85 Resp: 63390

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

40000

30000

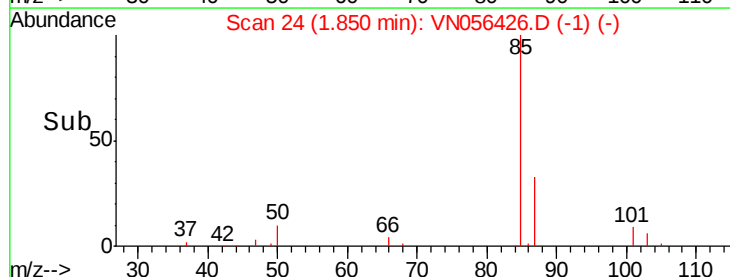
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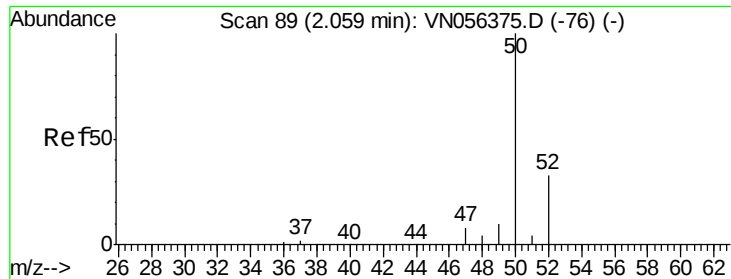
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0

1.80 1.90 2.00

Time-->

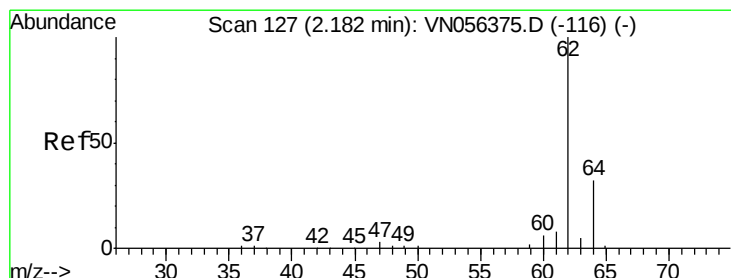
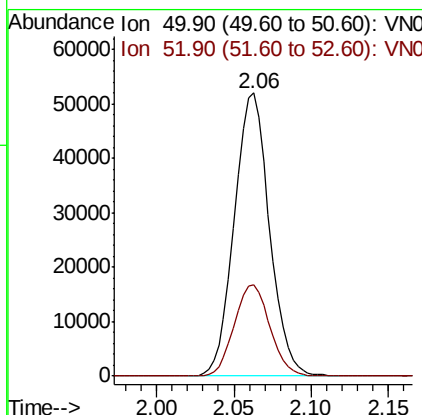
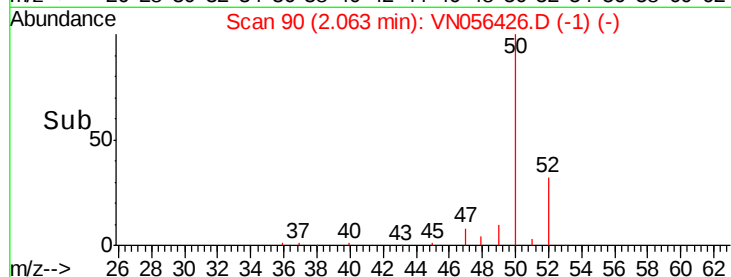
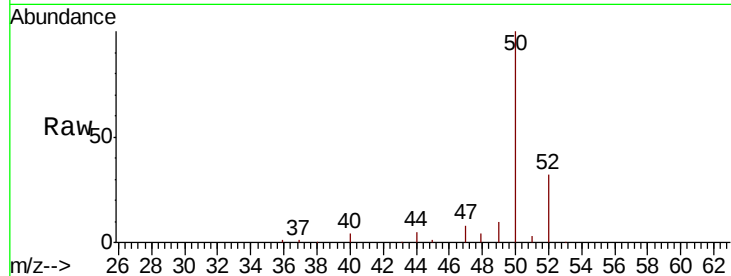




#3
Chloromethane
Concen: 19.402 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

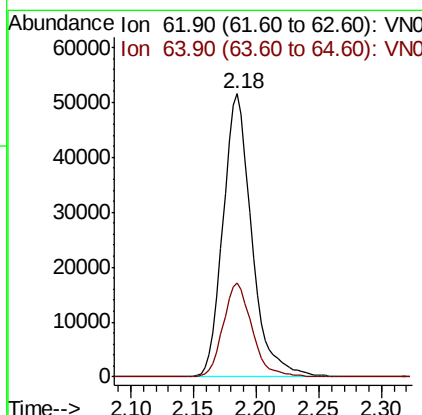
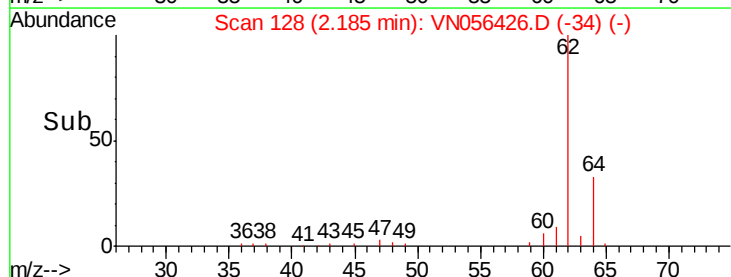
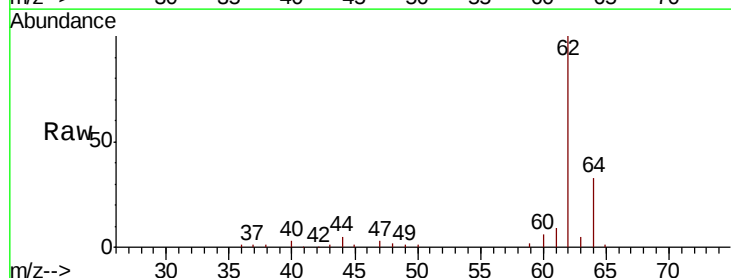
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

Tot Ion: 50 Resp: 81915
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 20.113 ug/l
RT: 2.18 min Scan# 128
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 62 Resp: 82019
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

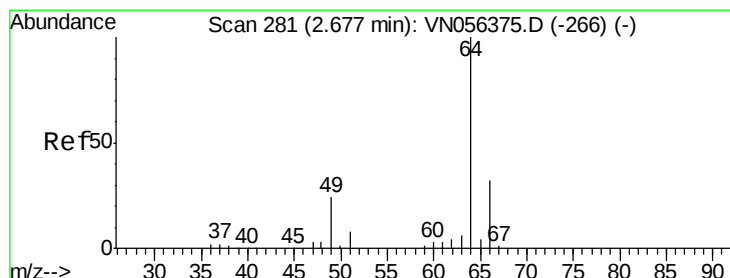
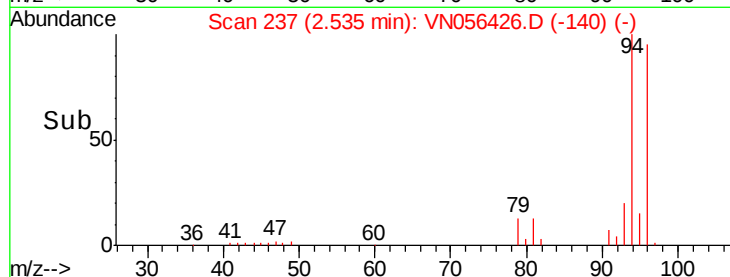
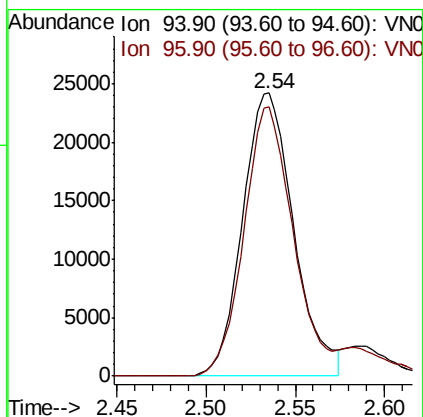
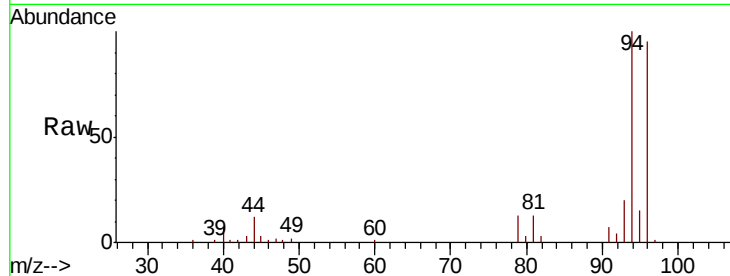




#5
Bromomethane
Concen: 20.277 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.01 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

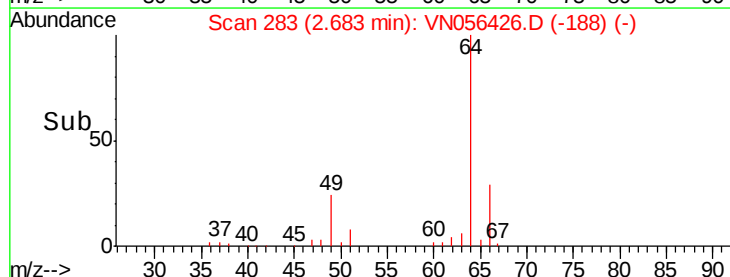
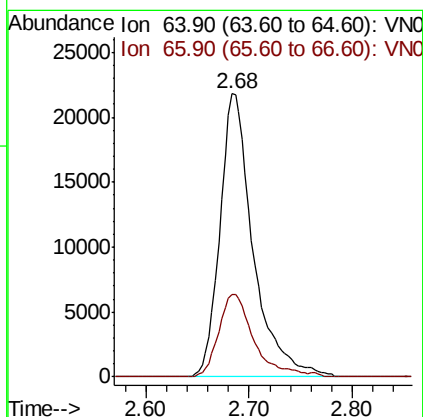
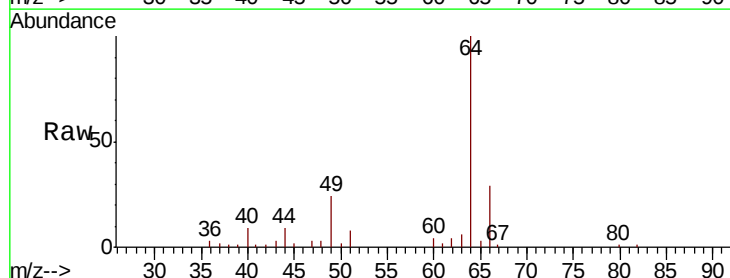
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MSVOA_N
ClientSampleId :
VN0621WBS02

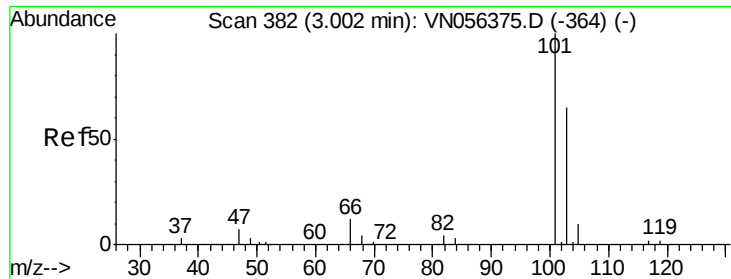
Tot Ion: 94 Resp: 48475
Ion Ratio Lower Upper
94 100
96 95.1 76.0 114.0



#6
Chloroethane
Concen: 20.678 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.01 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 64 Resp: 48831
Ion Ratio Lower Upper
64 100
66 28.9 25.8 38.8



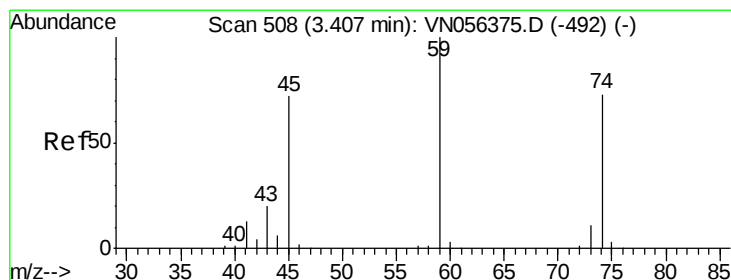
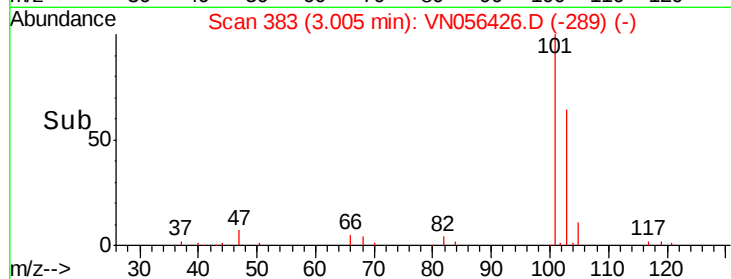
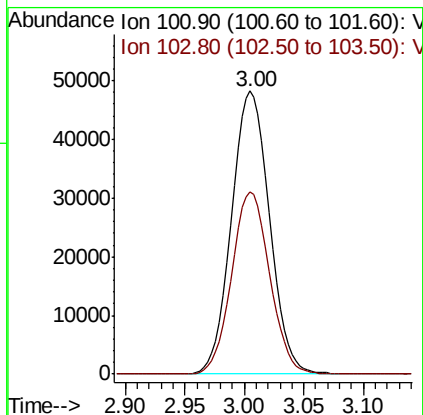
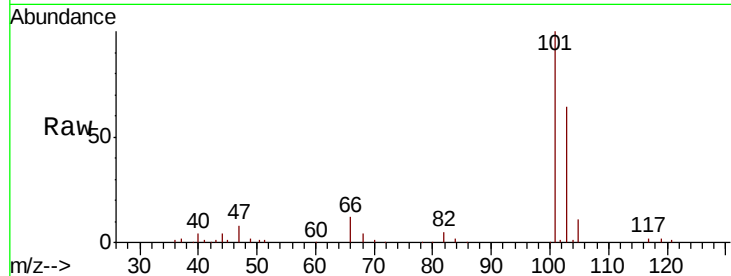


#7

Trichlorofluoromethane
 Concen: 20.222 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

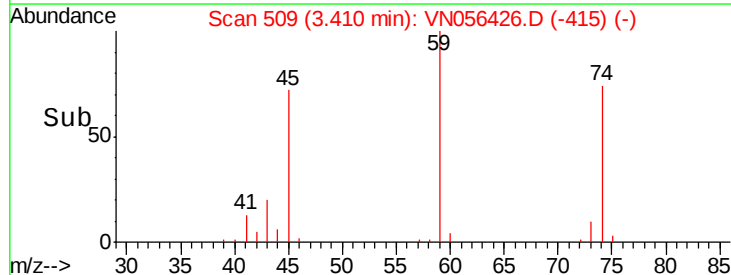
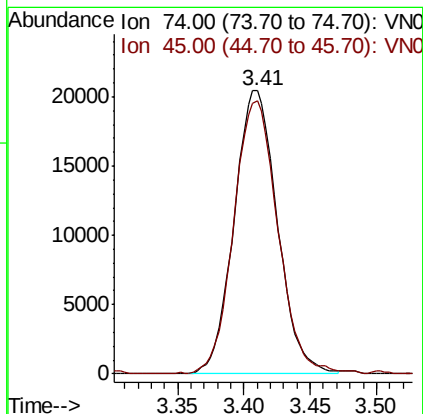
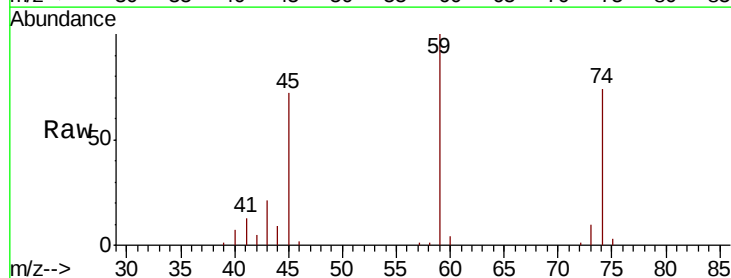
Tot Ion:101 Resp: 106669
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.7 77.5

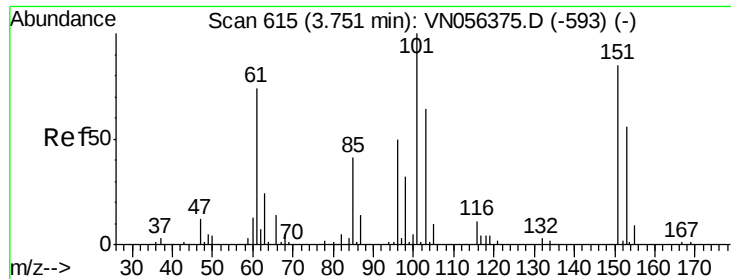


#8

Diethyl Ether
 Concen: 20.772 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Tgt Ion: 74 Resp: 46372
 Ion Ratio Lower Upper
 74 100
 45 98.6 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.157 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

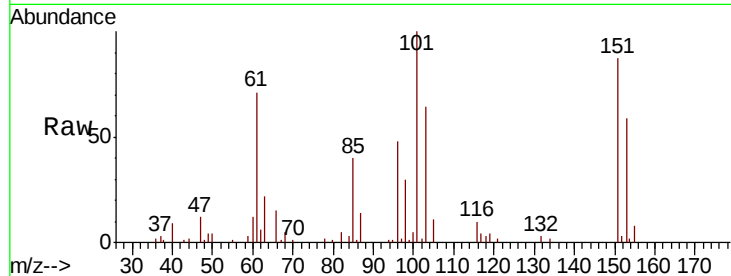
Tot Ion:101 Resp: 67805

Ion Ratio Lower Upper

101 100

85 41.2 32.7 49.1

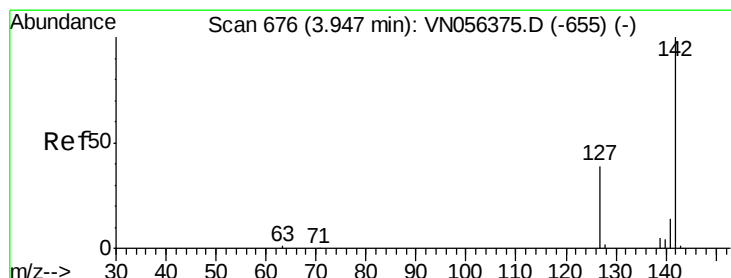
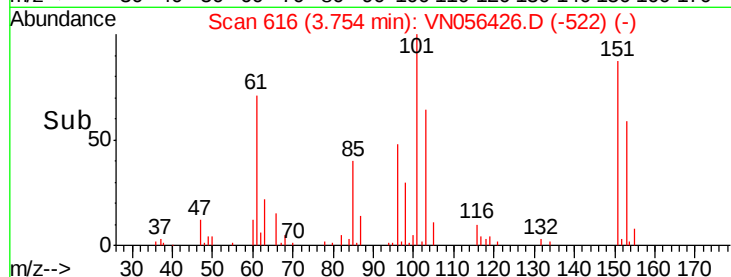
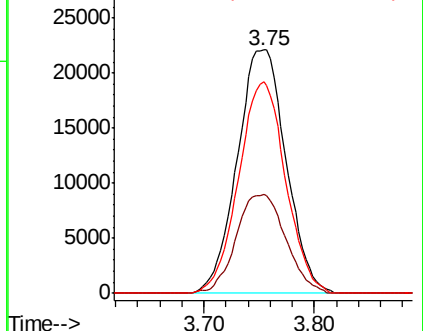
151 83.5 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.207 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

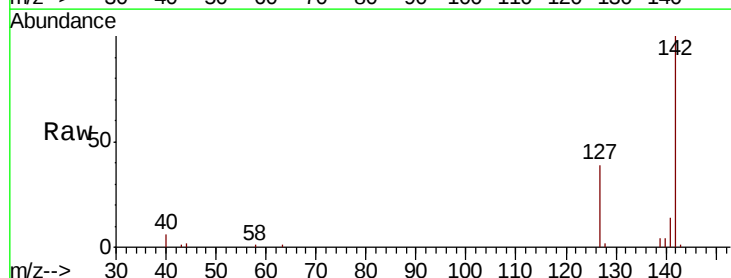
Tgt Ion:142 Resp: 91870

Ion Ratio Lower Upper

142 100

127 37.5 30.6 46.0

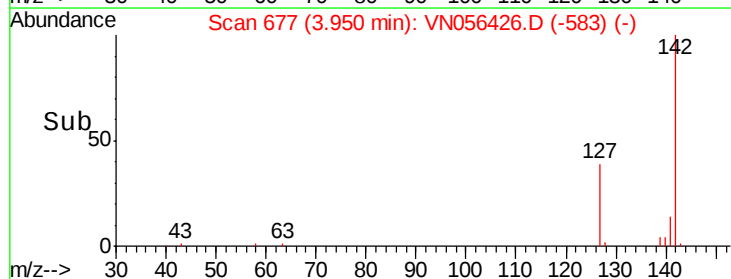
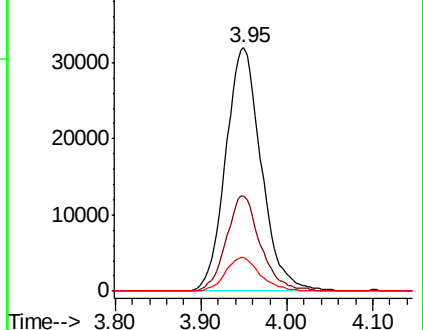
141 13.5 11.4 17.2

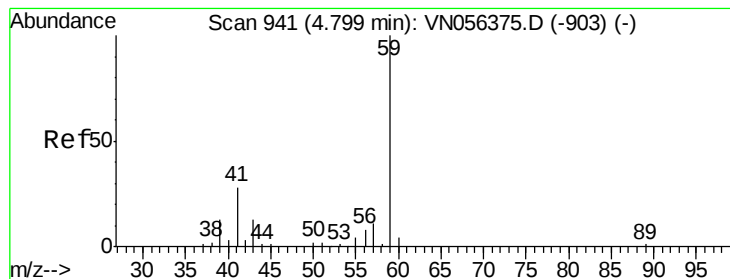


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



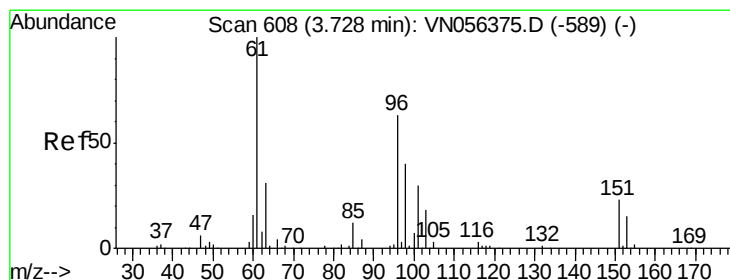
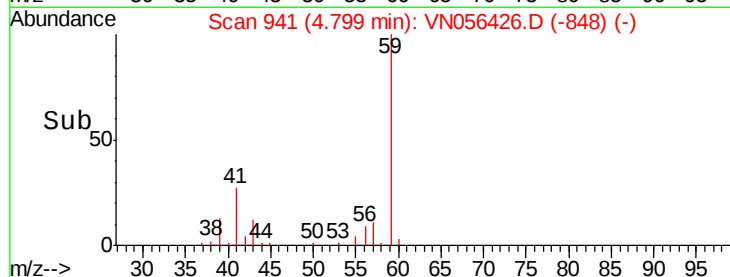
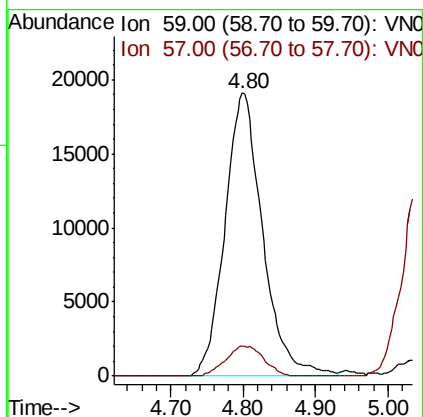
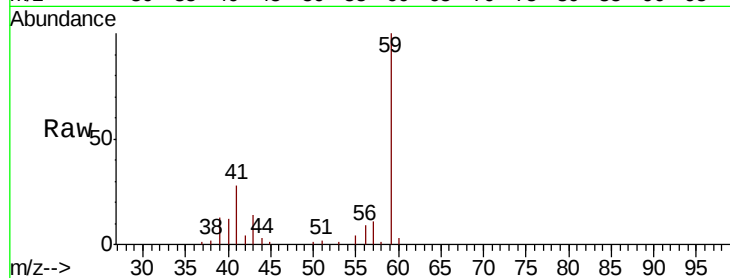


#11

Tert butyl alcohol
 Concen: 100.972 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

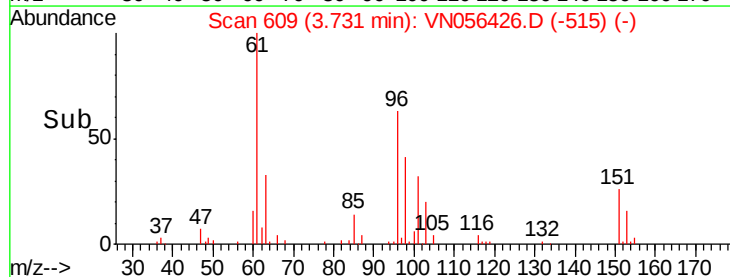
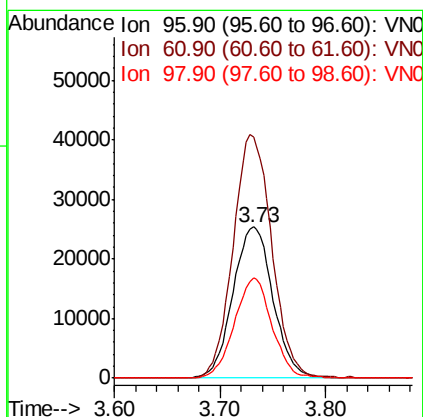
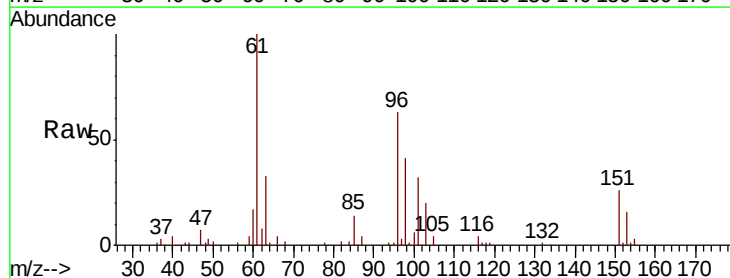
Tot Ion: 59 Resp: 69021
 Ion Ratio Lower Upper
 59 100
 57 10.7 7.6 11.4

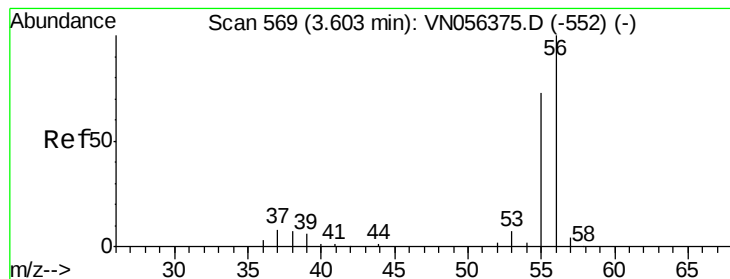


#12

1,1-Dichloroethene
 Concen: 20.677 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Tgt Ion: 96 Resp: 66889
 Ion Ratio Lower Upper
 96 100
 61 159.6 126.6 190.0
 98 65.9 51.1 76.7





#13

Acrolein

Concen: 88.256 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

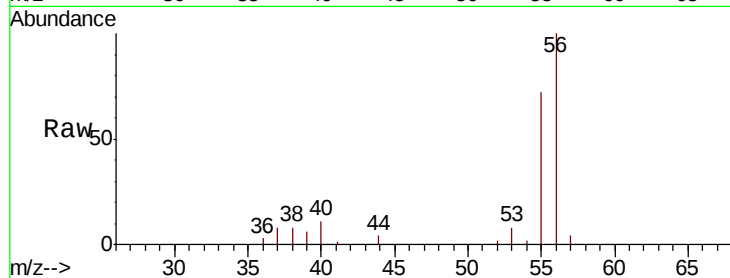
VN0621WBS02

Tot Ion: 56 Resp: 50846

Ion Ratio Lower Upper

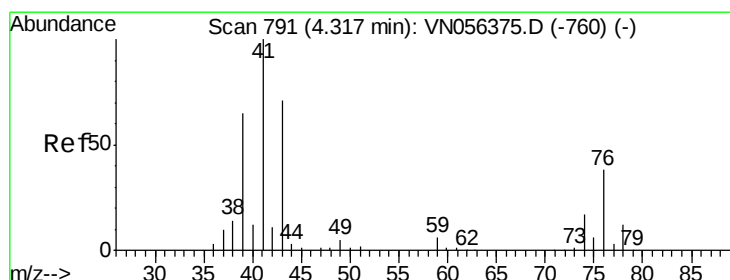
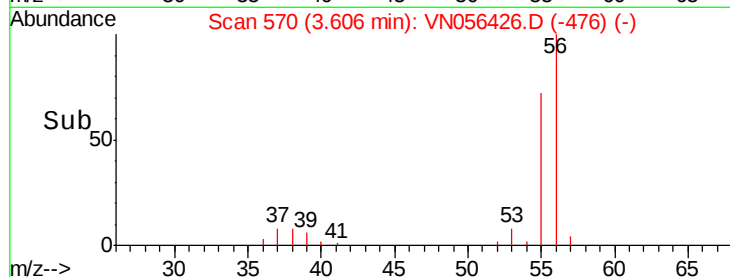
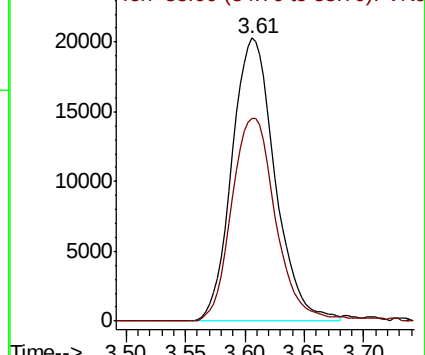
56 100

55 73.0 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.987 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

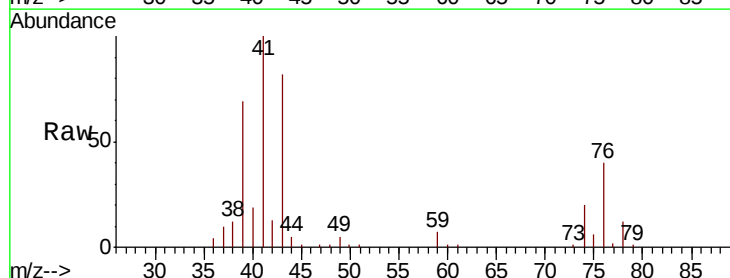
Tgt Ion: 41 Resp: 107630

Ion Ratio Lower Upper

41 100

39 62.4 48.6 73.0

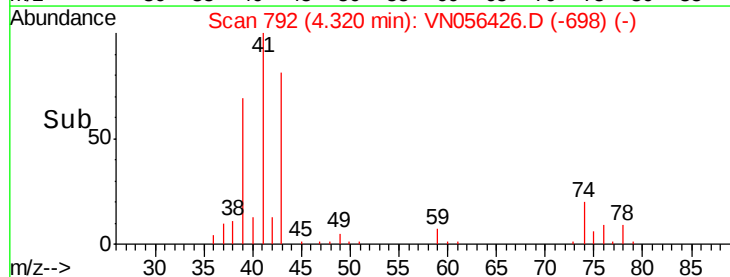
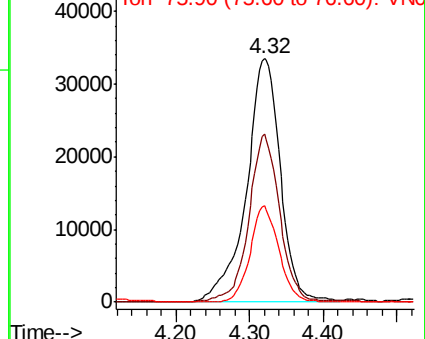
76 33.2 26.6 40.0

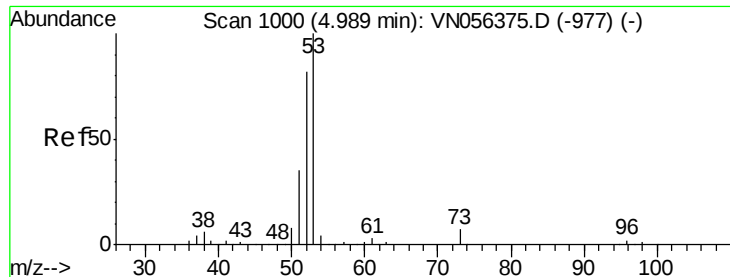


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 106.453 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

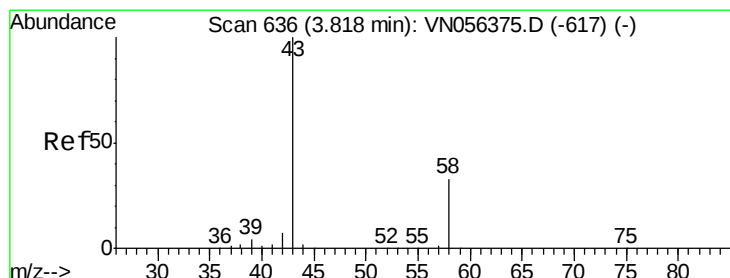
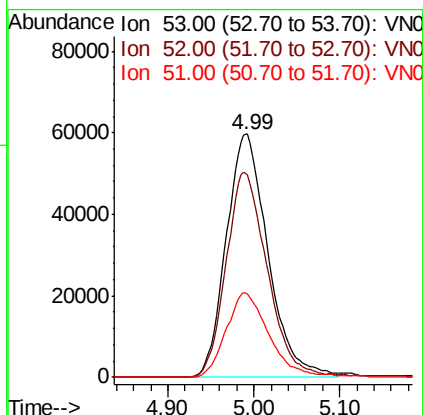
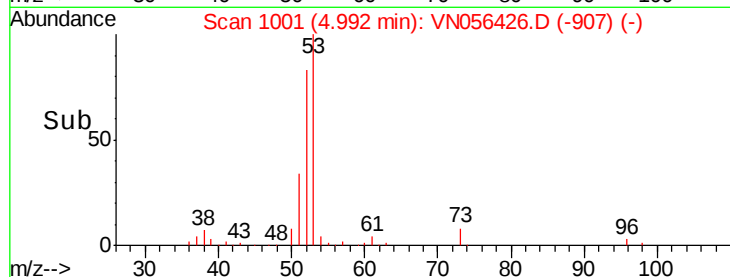
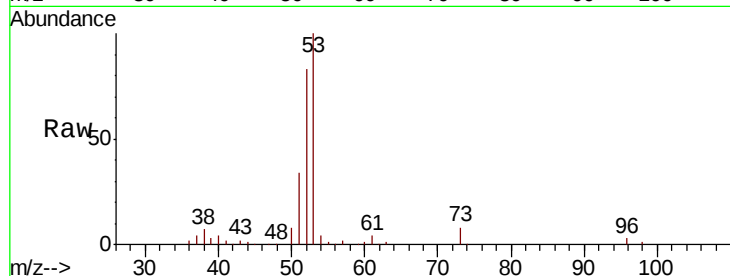
Tot Ion: 53 Resp: 201312

Ion Ratio Lower Upper

53 100

52 83.6 65.9 98.9

51 35.3 28.3 42.5



#16

Acetone

Concen: 88.324 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056426.D

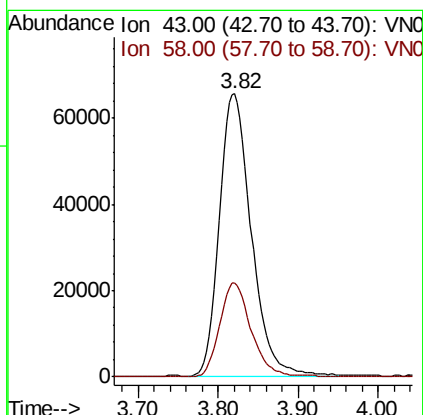
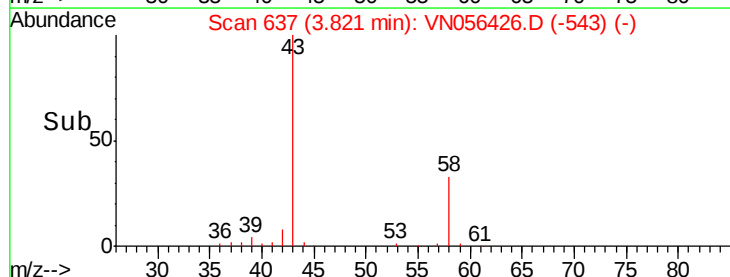
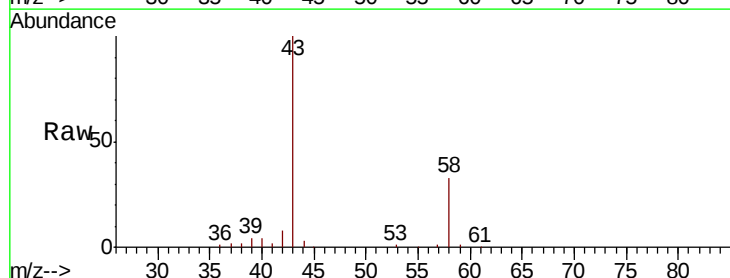
Acq: 21 Jun 2019 15:16

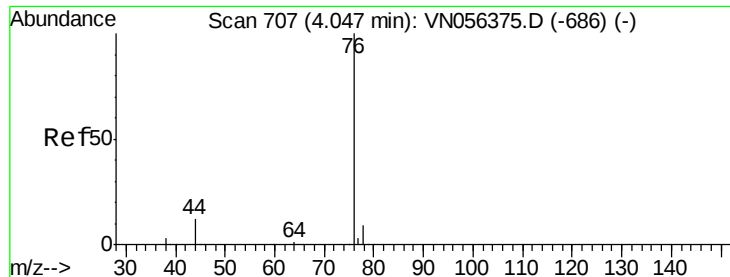
Tgt Ion: 43 Resp: 179599

Ion Ratio Lower Upper

43 100

58 33.4 26.4 39.6

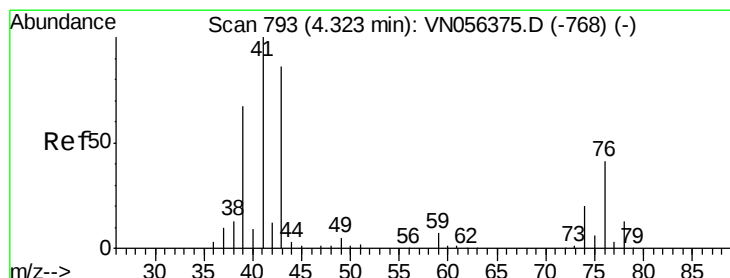
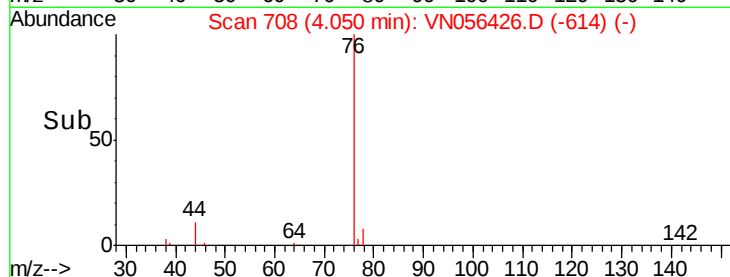
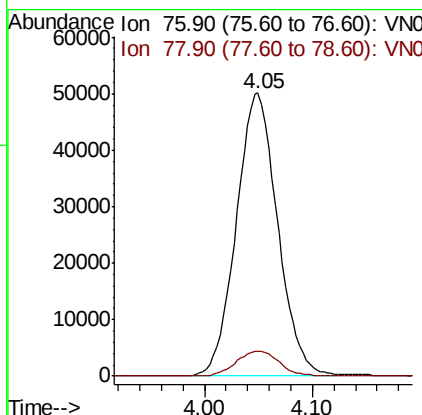
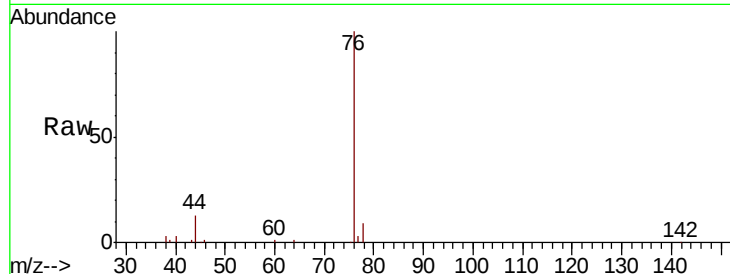




#17
Carbon Disulfide
Concen: 18.139 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

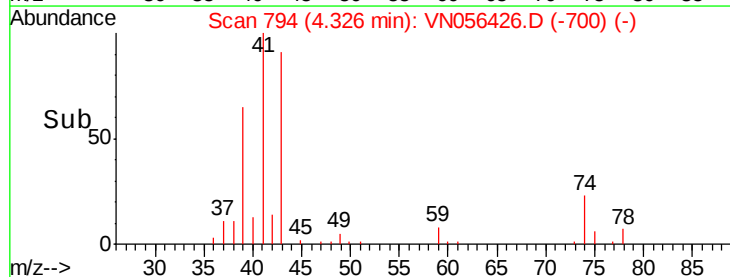
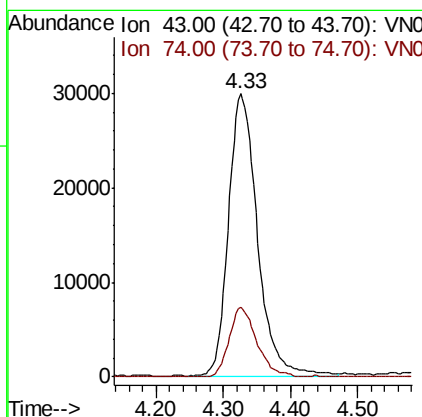
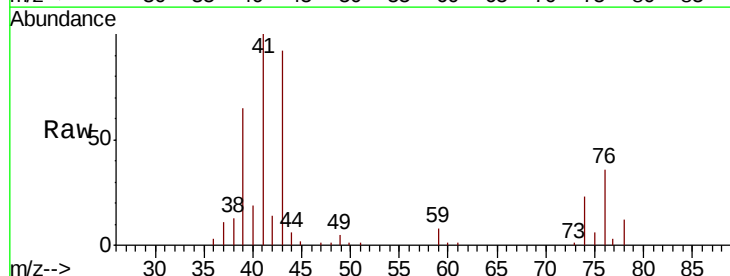
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

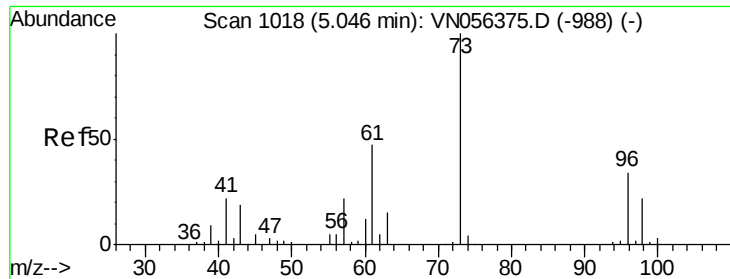
Tot Ion: 76 Resp: 133463
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 22.254 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 43 Resp: 90547
Ion Ratio Lower Upper
43 100
74 22.7 19.2 28.8

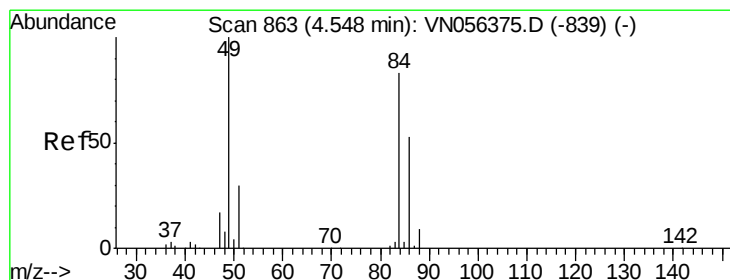
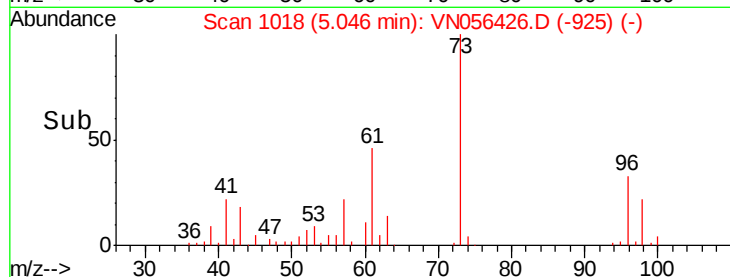
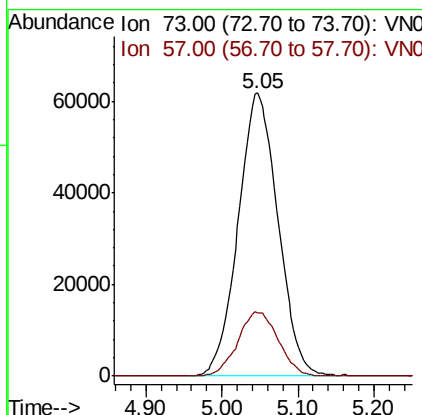
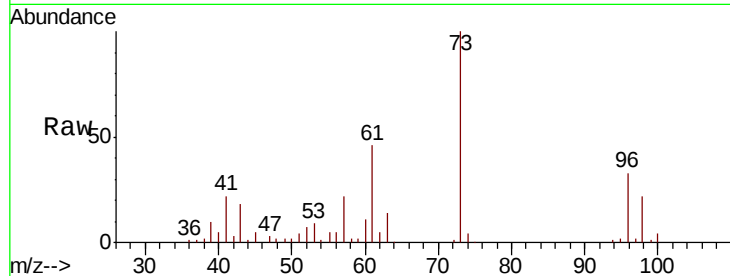




#19
Methyl tert-butyl Ether
Concen: 20.999 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

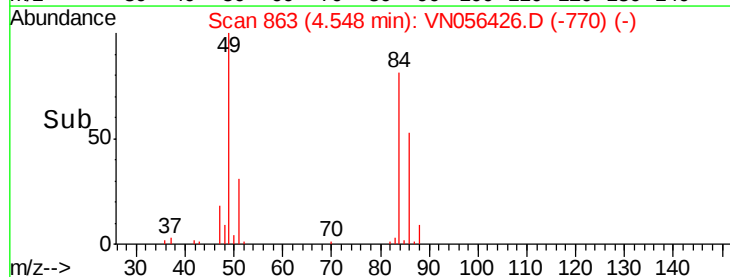
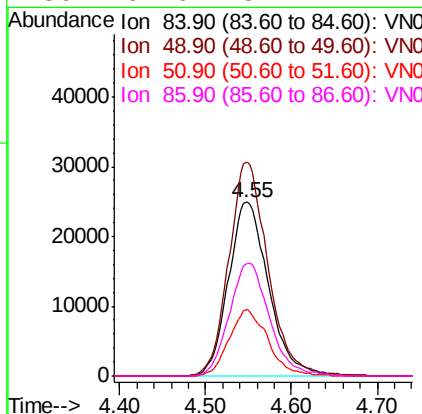
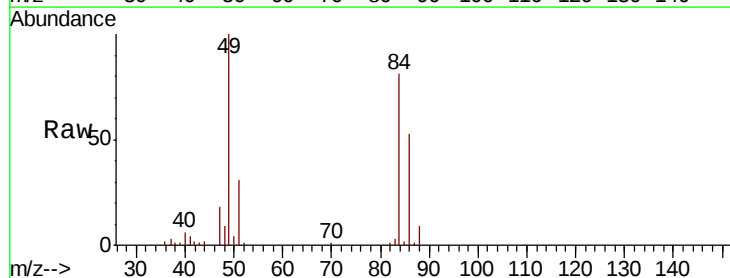
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

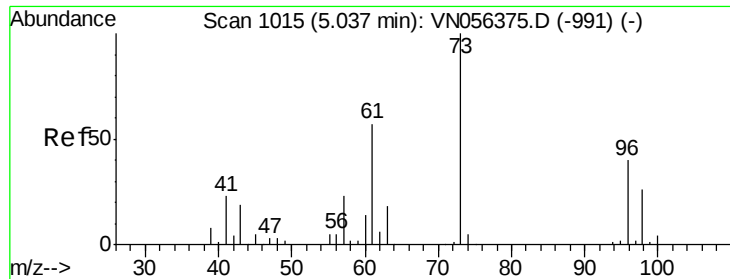
Tot Ion: 73 Resp: 224776
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 20.558 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 84 Resp: 80812
Ion Ratio Lower Upper
84 100
49 122.8 96.4 144.6
51 38.3 28.6 43.0
86 64.6 51.4 77.2

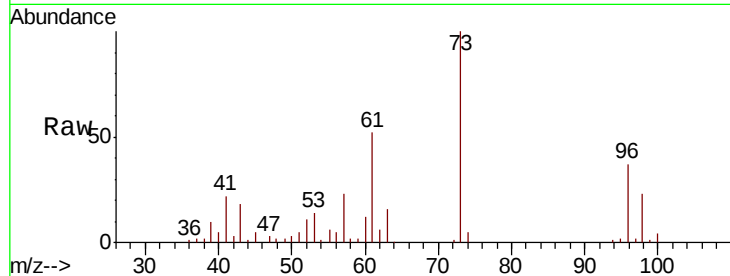




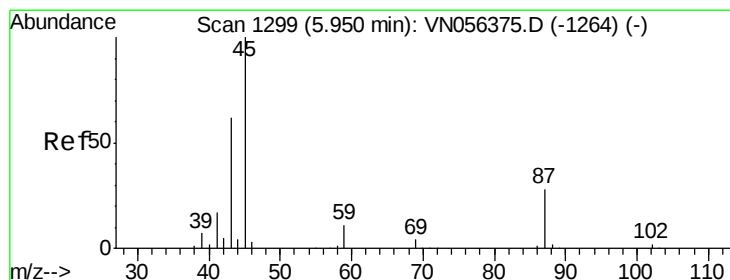
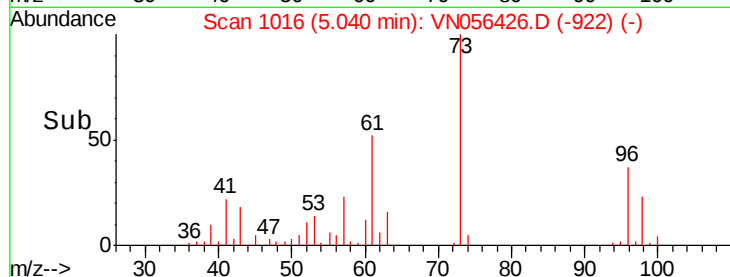
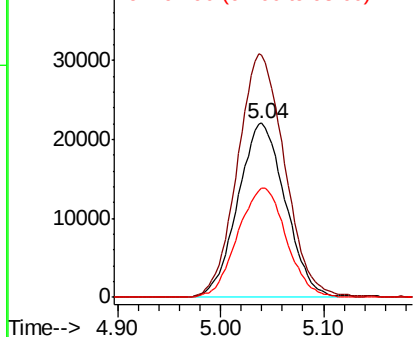
#21
trans-1,2-Dichloroethene
Concen: 20.250 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

Tot Ion: 96 Resp: 70627
Ion Ratio Lower Upper
96 100
61 139.2 113.0 169.6
98 62.5 52.2 78.2

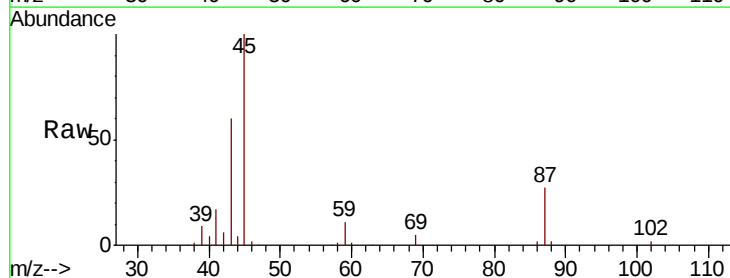


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

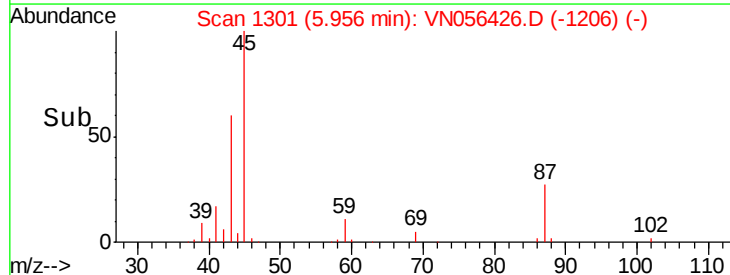
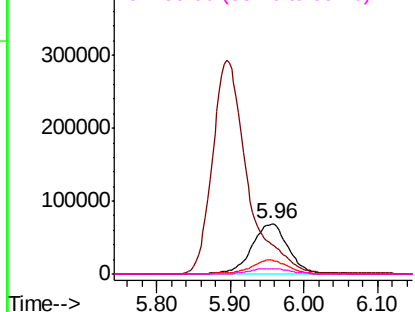


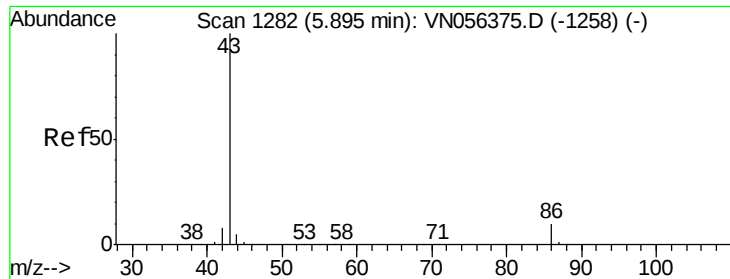
#22
Diisopropyl ether
Concen: 20.938 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 45 Resp: 236796
Ion Ratio Lower Upper
45 100
43 57.3 50.4 75.6
87 27.0 23.0 34.4
59 10.5 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 108.514 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

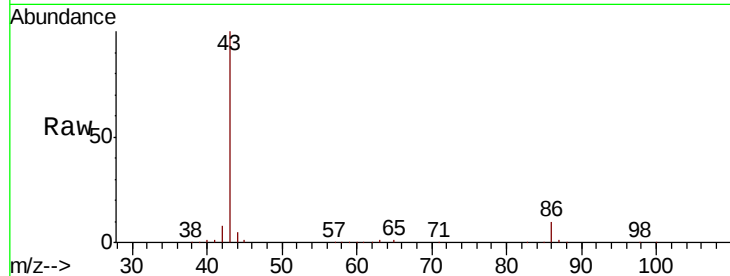
VN0621WBS02

Tot Ion: 43 Resp: 967928

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

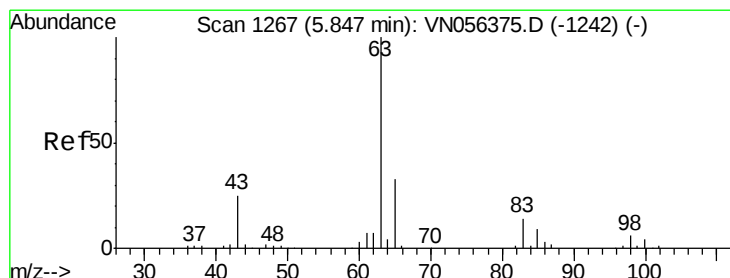
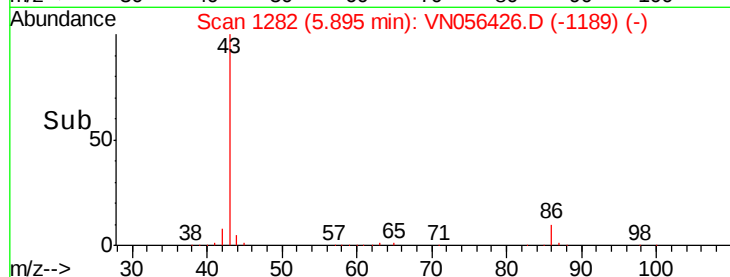
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.962 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

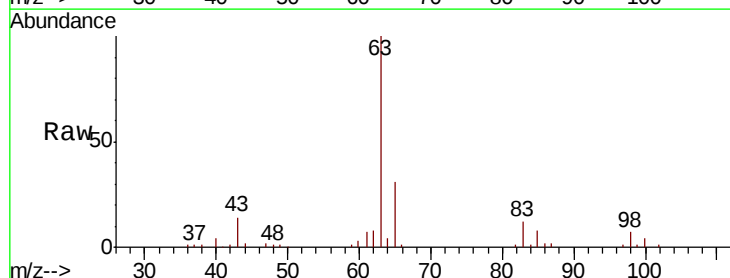
Tgt Ion: 63 Resp: 136083

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.0 2.1 6.5



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

5.85

60000

50000

40000

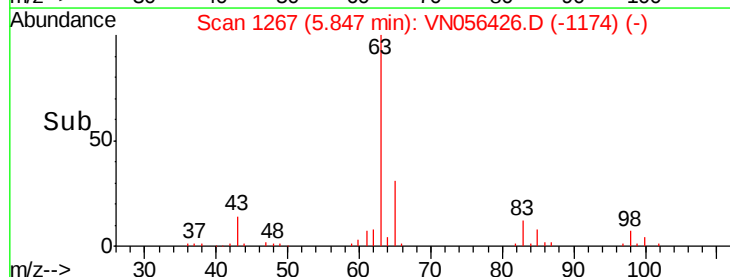
30000

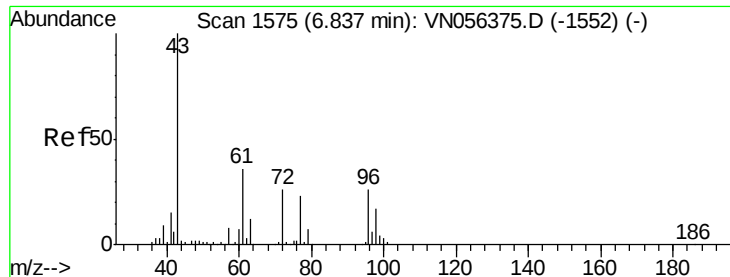
20000

10000

0

Time-->

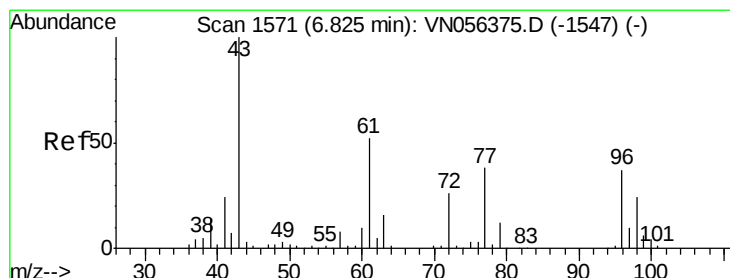
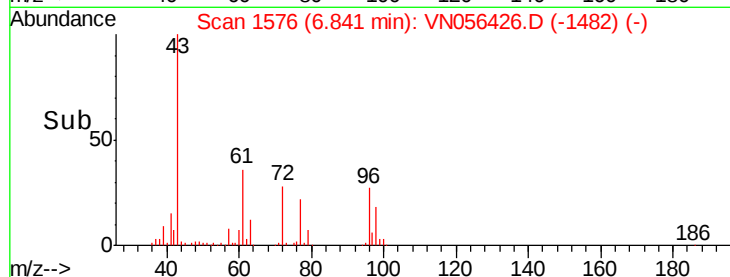
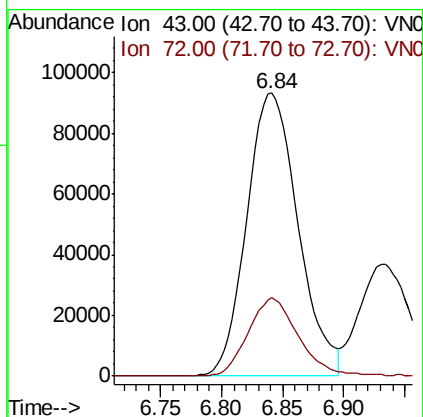
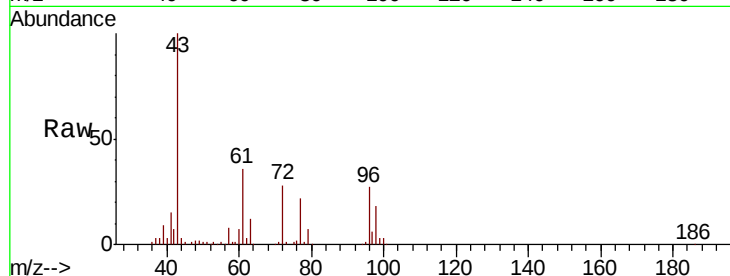




#25
2-Butanone
Concen: 100.828 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

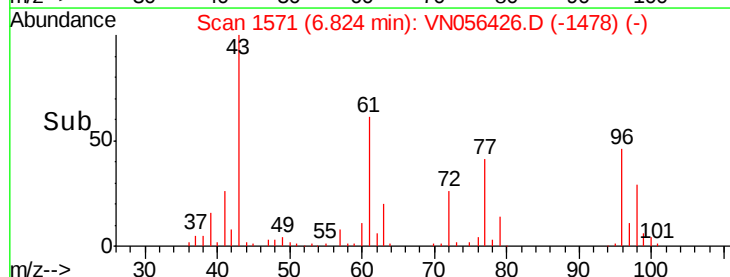
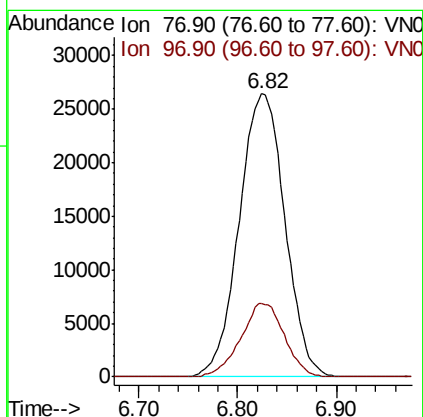
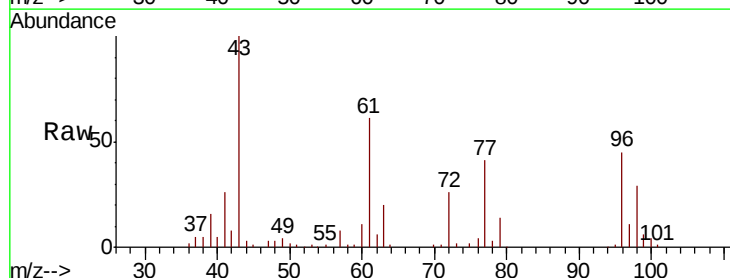
Instrument :
MSVOA_N
ClientSampled :
VN0621WBS02

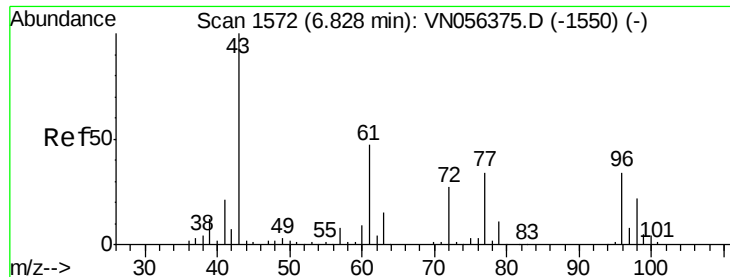
Tot Ion: 43 Resp: 271351
Ion Ratio Lower Upper
43 100
72 27.6 20.6 31.0



#26
2,2-Dichloropropane
Concen: 18.791 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 77 Resp: 84841
Ion Ratio Lower Upper
77 100
97 24.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 21.212 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

VN0621WBS02

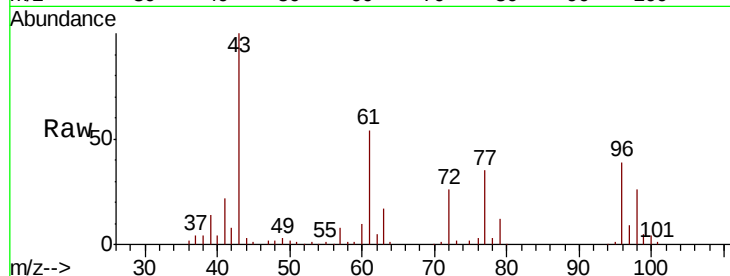
Tot Ion: 96 Resp: 86553

Ion Ratio Lower Upper

96 100

61 135.4 0.0 279.8

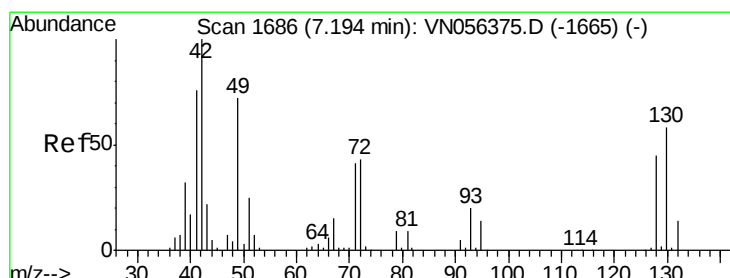
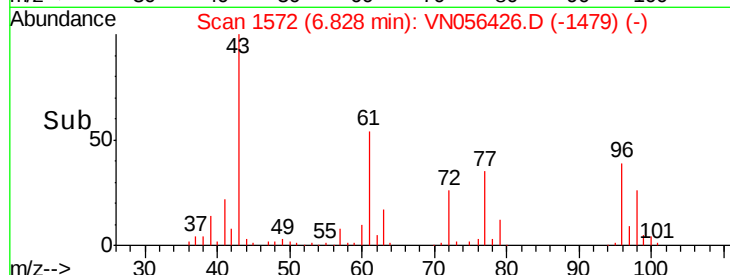
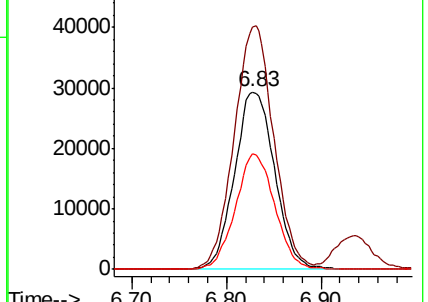
98 63.7 0.0 130.0



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: 20.235 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

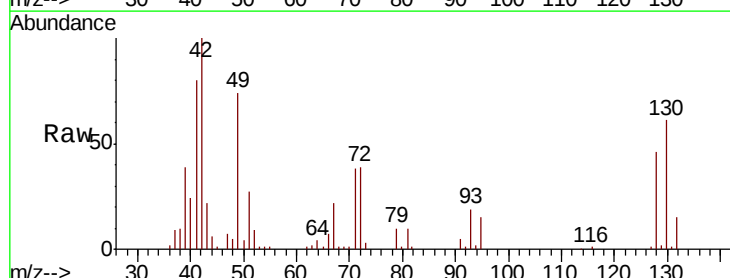
Tgt Ion: 49 Resp: 64976

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.2

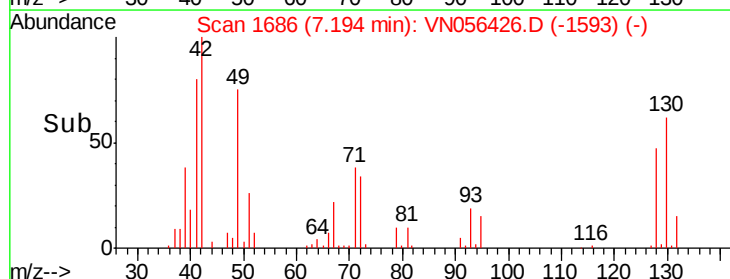
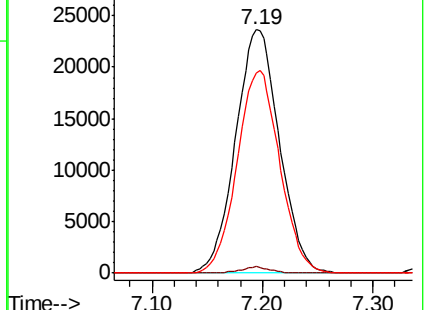
130 80.9 64.9 97.3

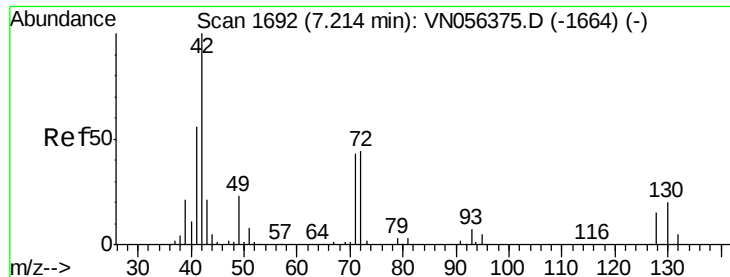


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 110.896 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

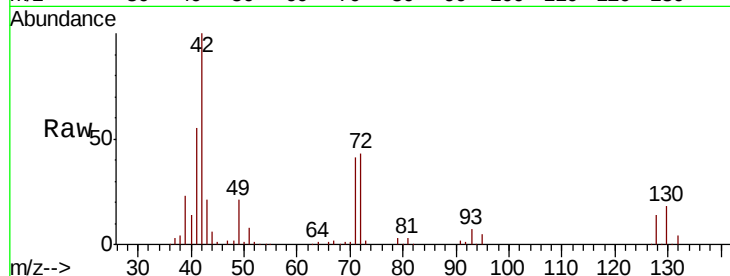
Tot Ion: 42 Resp: 182382

Ion Ratio Lower Upper

42 100

72 42.8 34.7 52.1

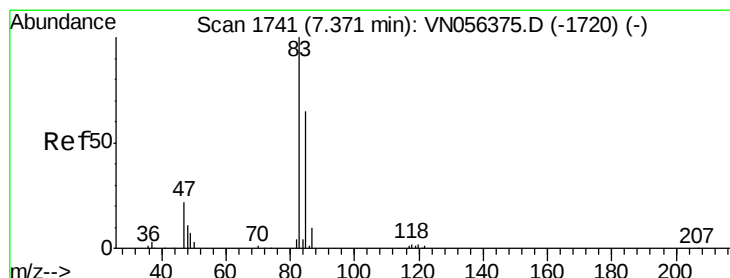
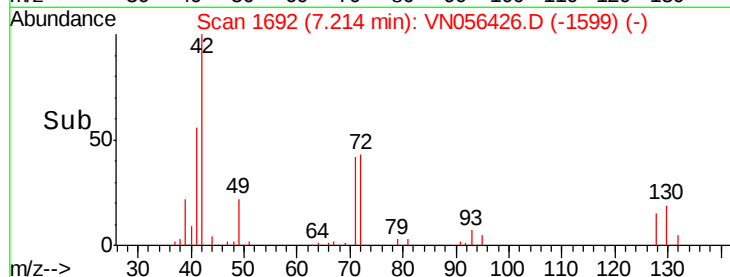
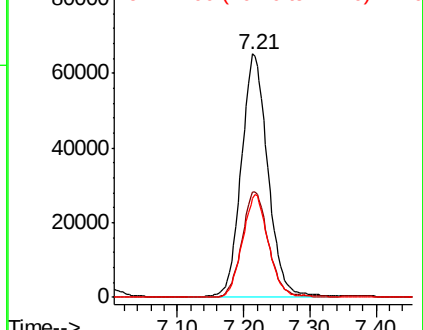
71 40.6 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 20.744 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN056426.D

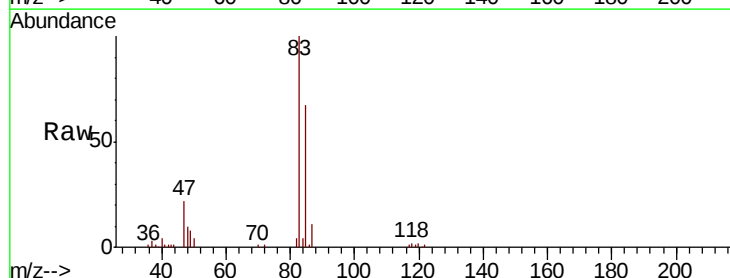
Acq: 21 Jun 2019 15:16

Tgt Ion: 83 Resp: 132882

Ion Ratio Lower Upper

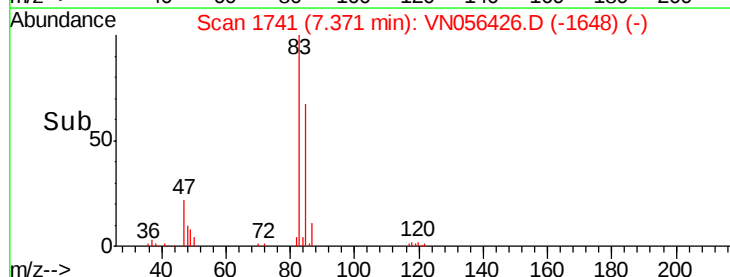
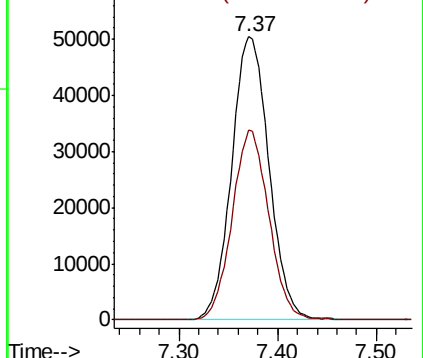
83 100

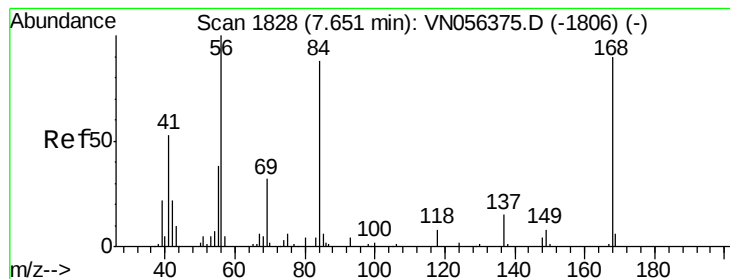
85 67.0 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.904 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

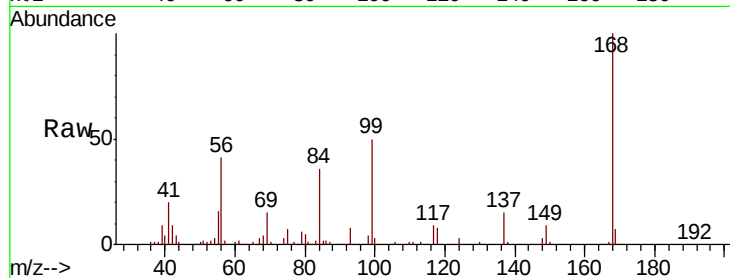
Tot Ion: 56 Resp: 124742

Ion Ratio Lower Upper

56 100

69 35.4 25.8 38.6

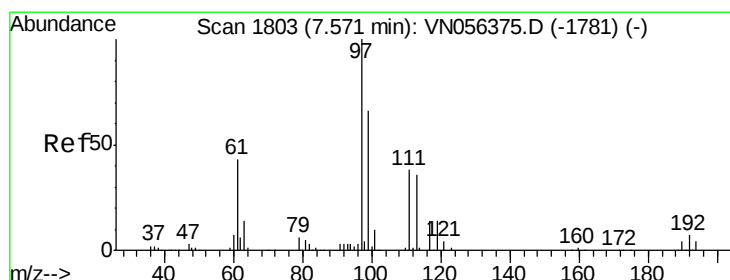
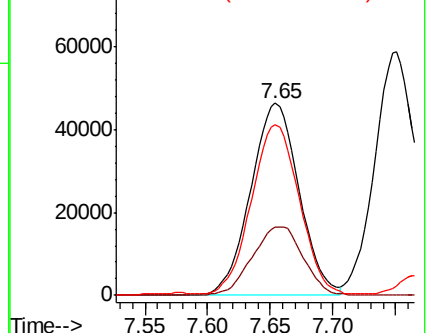
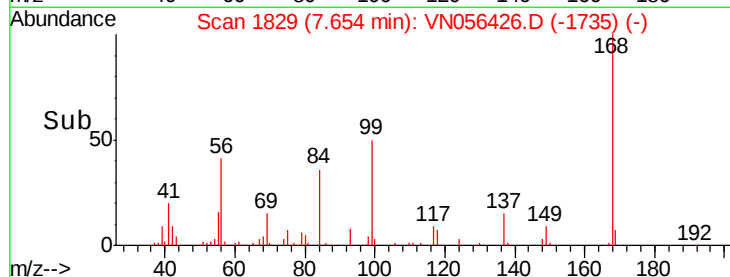
84 87.5 69.4 104.0



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: 20.514 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

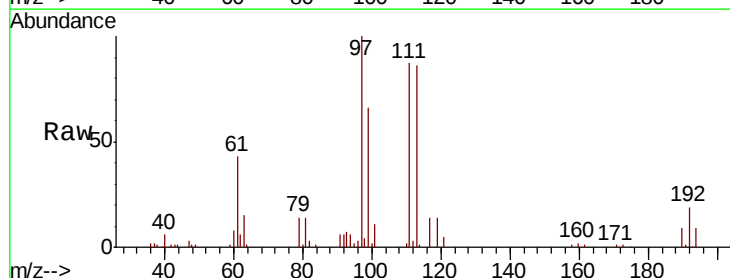
Tgt Ion: 97 Resp: 104161

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

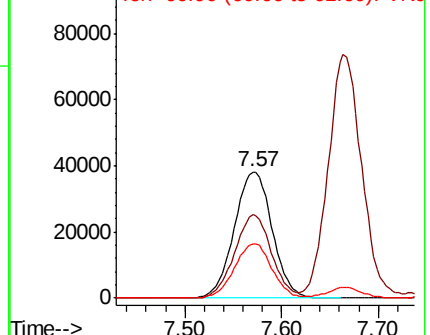
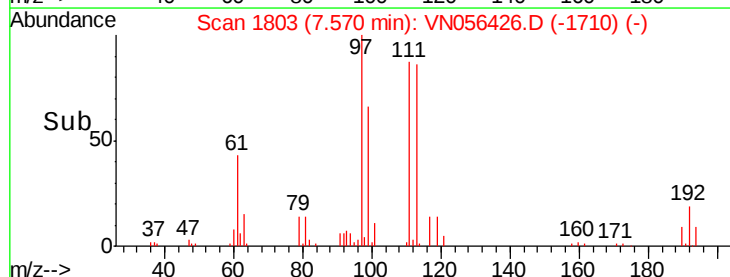
61 42.3 33.9 50.9

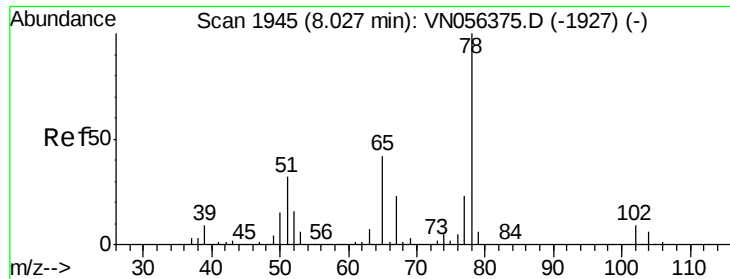


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

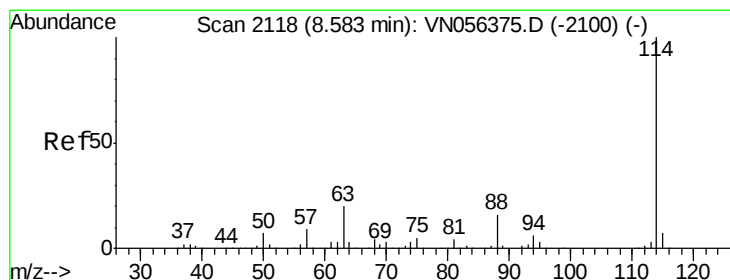
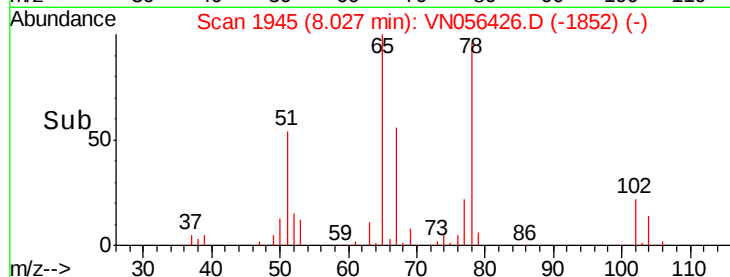
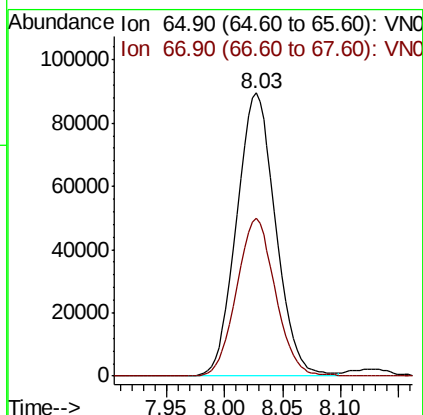
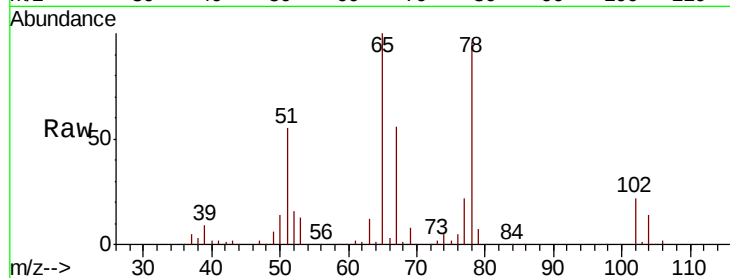




#33
 1,2-Dichloroethane-d4
 Concen: 51.623 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

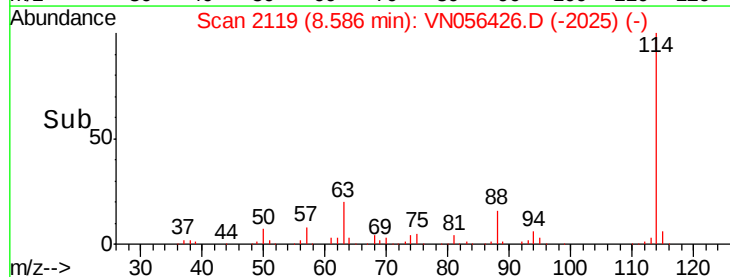
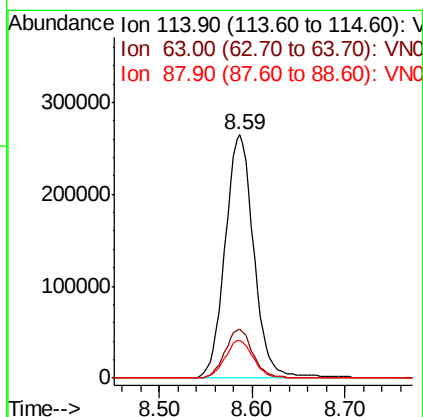
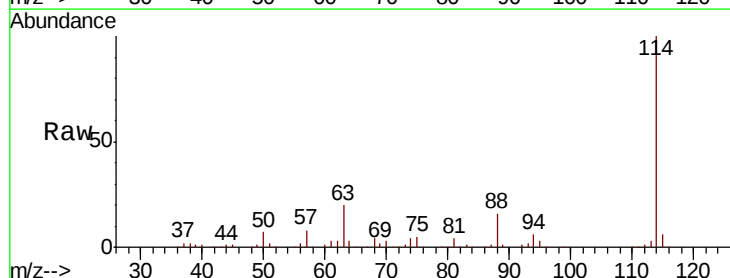
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

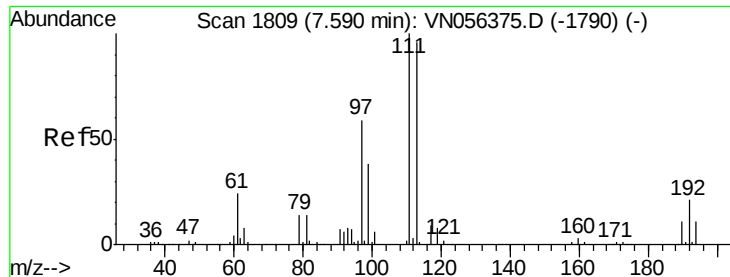
Tot Ion: 65 Resp: 209516
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Tgt Ion: 114 Resp: 568279
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.697 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

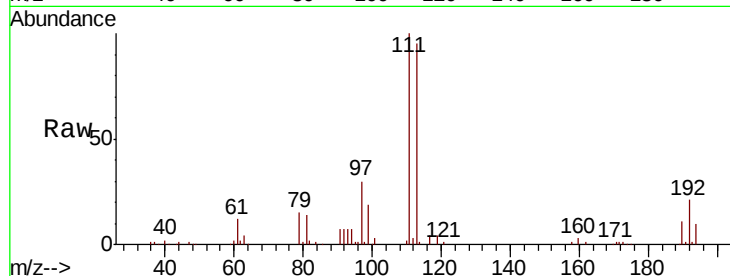
Tot Ion:113 Resp: 179727

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

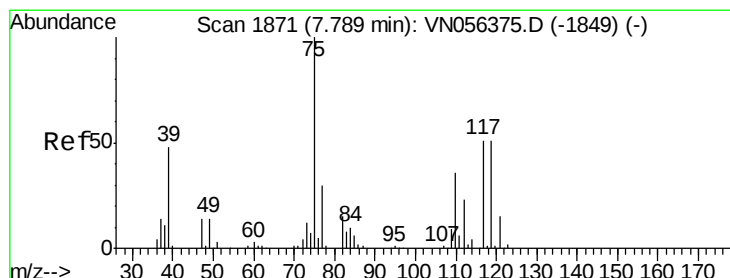
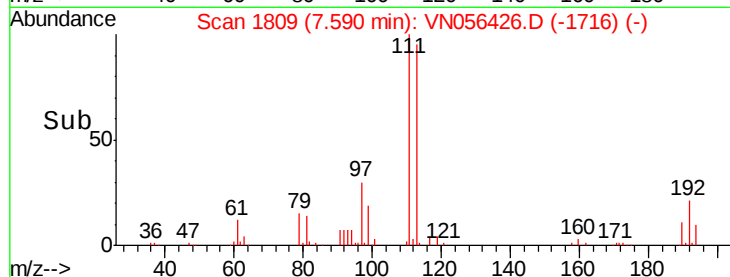
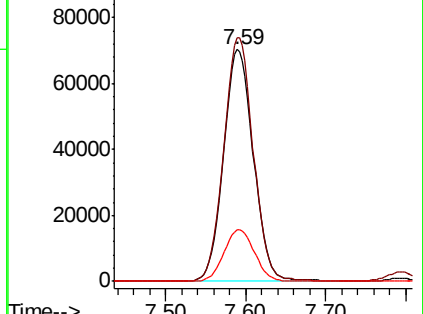
192 22.7 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.096 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

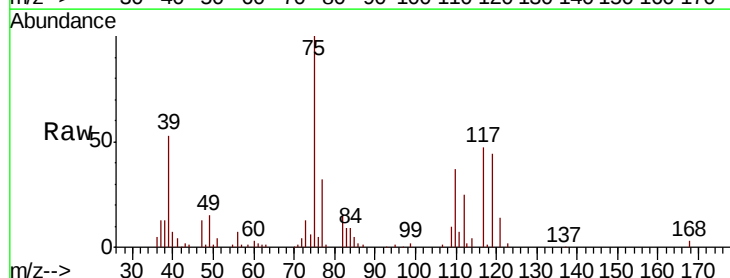
Tgt Ion: 75 Resp: 95516

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.3

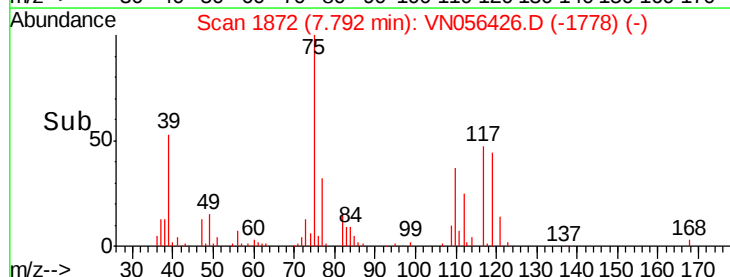
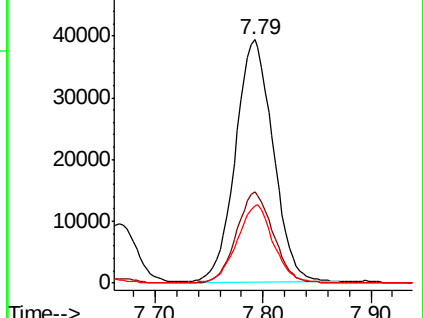
77 31.3 24.6 36.8

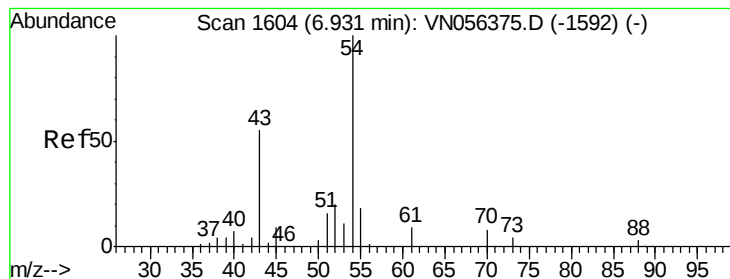


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 21.615 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

VN0621WBS02

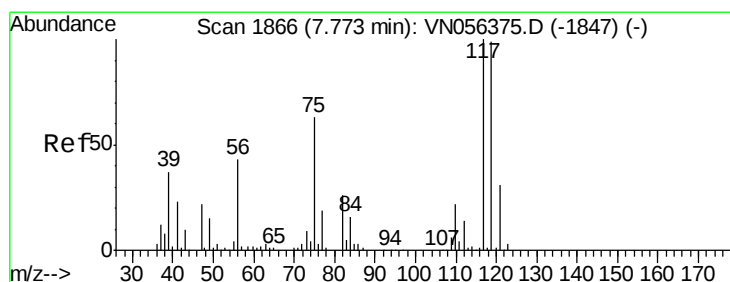
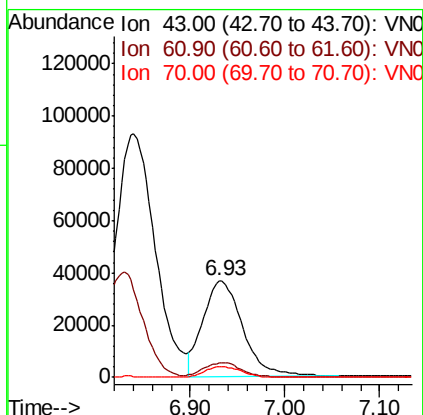
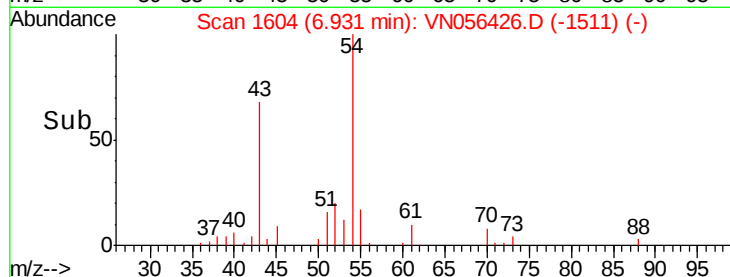
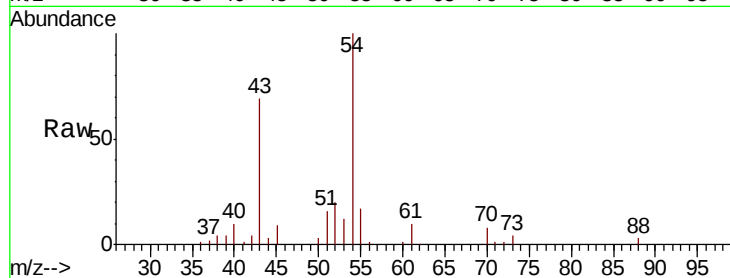
Tot Ion: 43 Resp: 106251

Ion Ratio Lower Upper

43 100

61 15.1 11.1 16.7

70 10.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 19.988 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

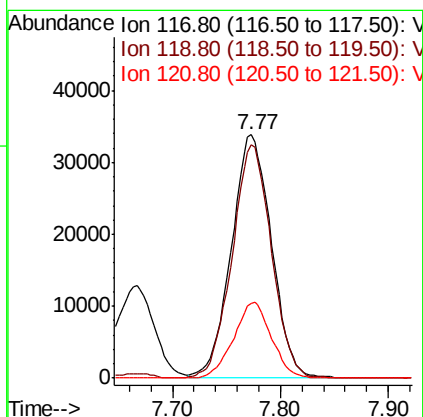
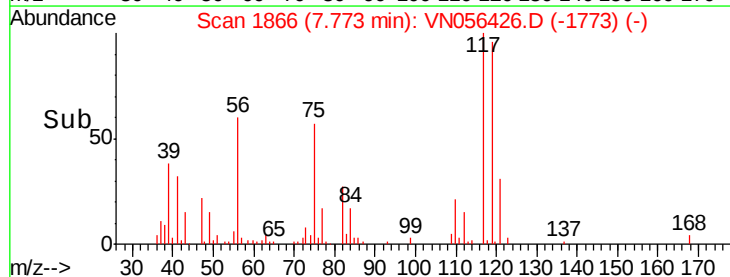
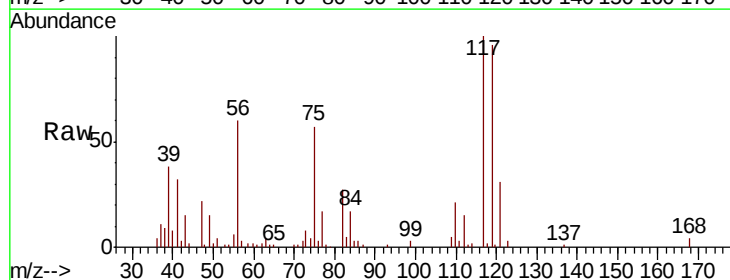
Tgt Ion: 117 Resp: 87427

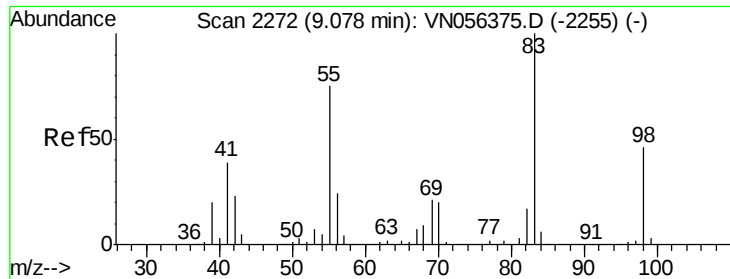
Ion Ratio Lower Upper

117 100

119 96.0 79.1 118.7

121 30.9 24.8 37.2

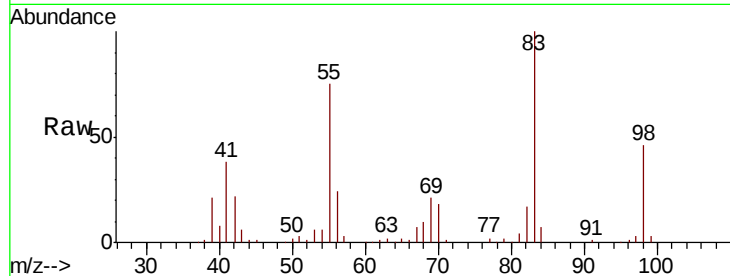




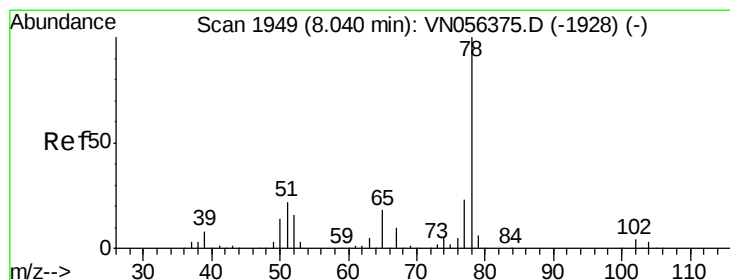
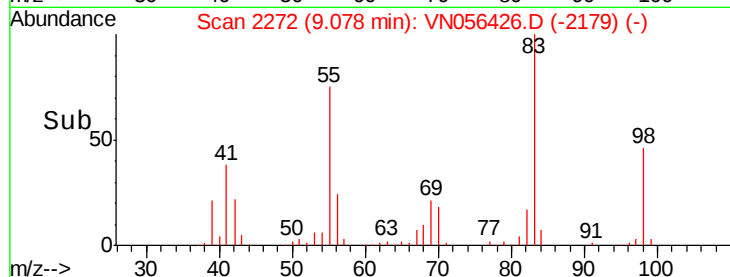
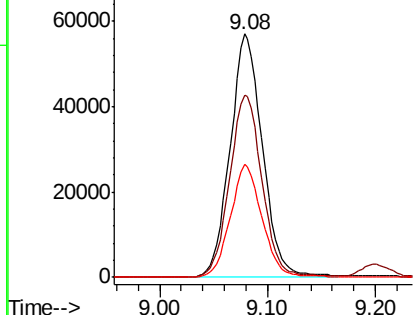
#39
Methvlcvclohexane
Concen: 19.333 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

Tot Ion: 83 Resp: 119323
Ion Ratio Lower Upper
83 100
55 74.9 60.0 90.0
98 46.4 36.6 54.8

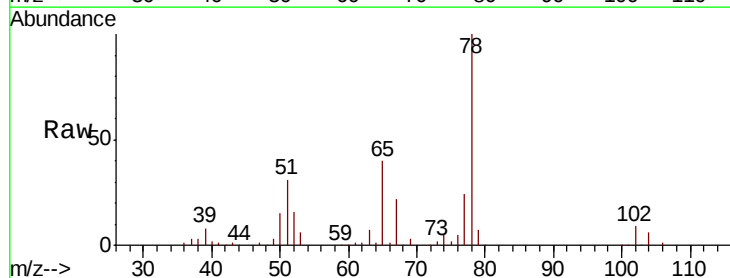


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

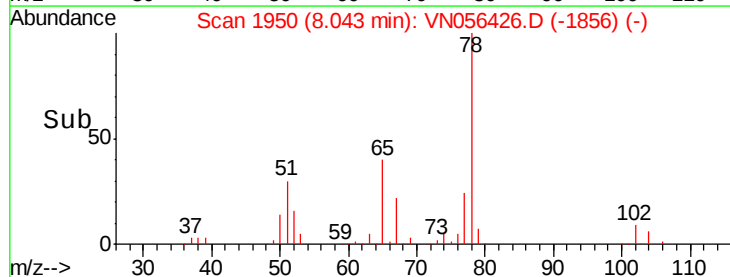
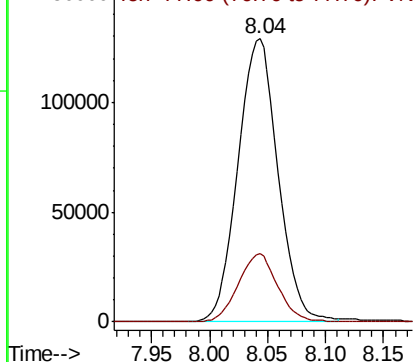


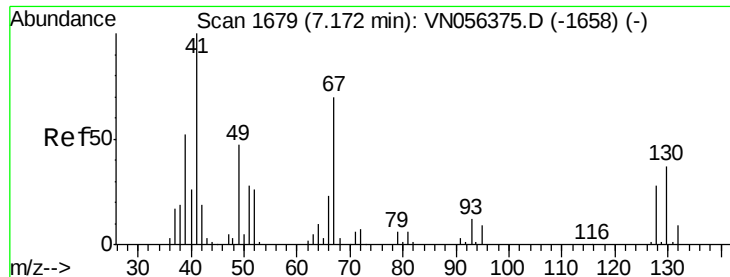
#40
Benzene
Concen: 20.192 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 78 Resp: 310672
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

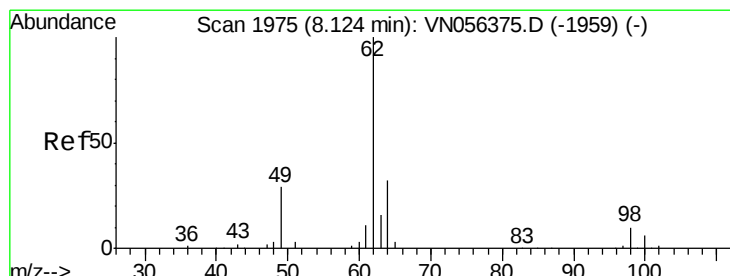
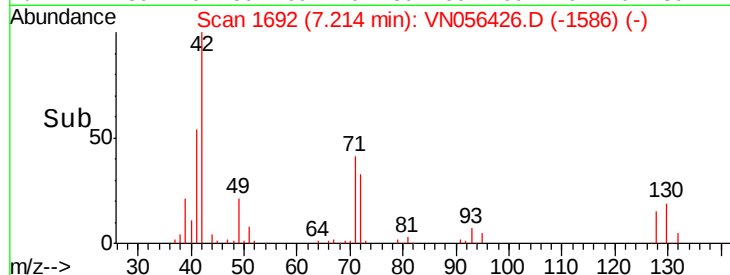
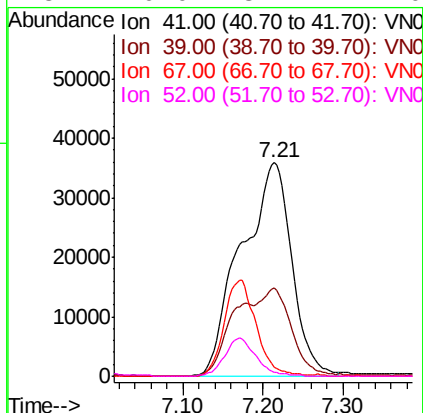
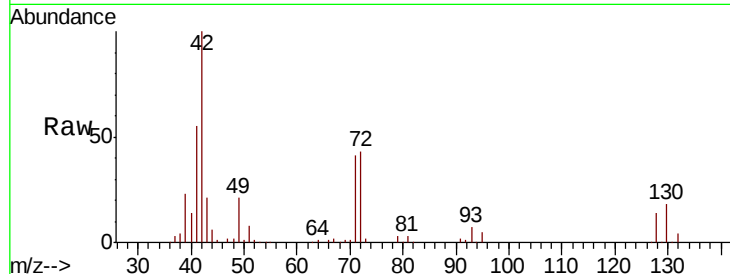




#41
Methacrylonitrile
Concen: 71.736 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

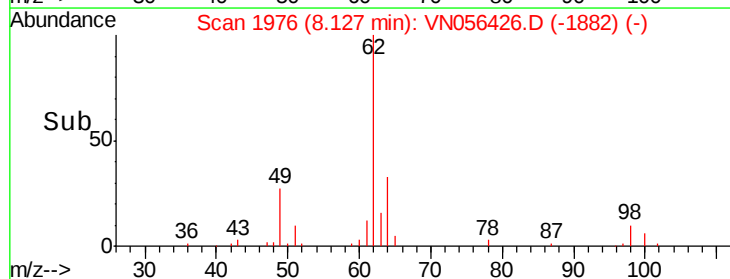
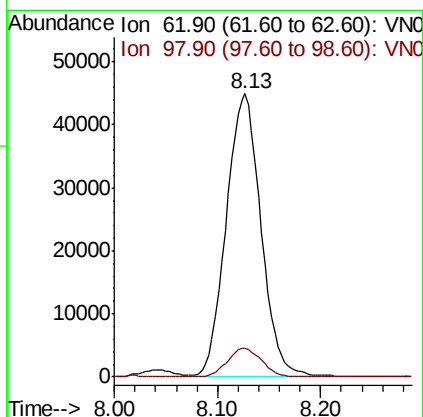
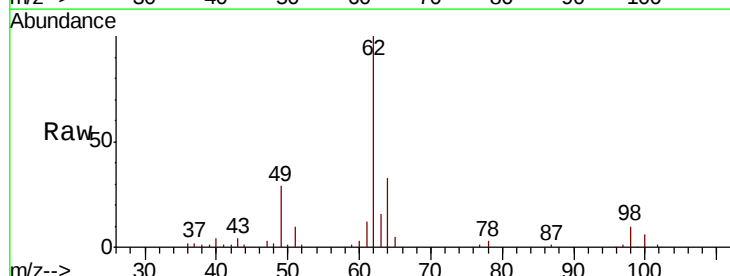
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

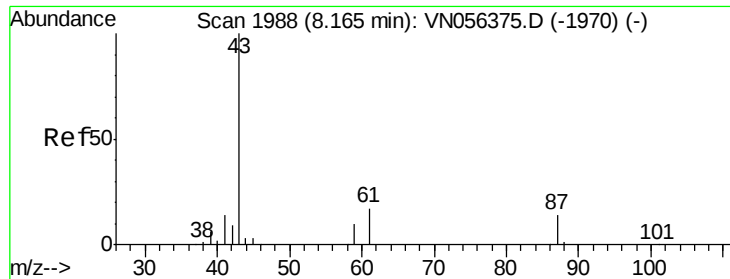
Tot Ion: 41 Resp: 155709
Ion Ratio Lower Upper
41 100
39 0.0 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#42
1,2-Dichloroethane
Concen: 20.749 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 62 Resp: 105353
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 20.844 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

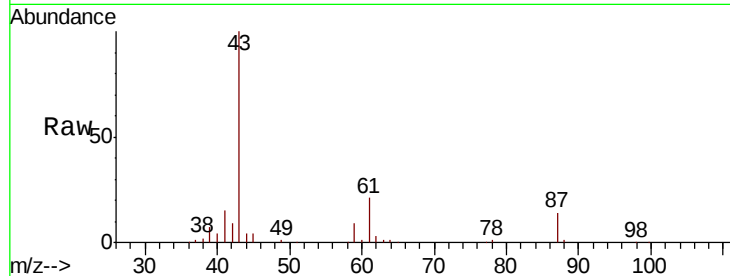
Tot Ion: 43 Resp: 157994

Ion Ratio Lower Upper

43 100

61 28.2 22.0 33.0

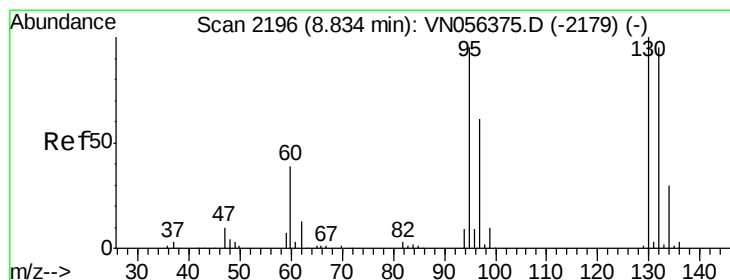
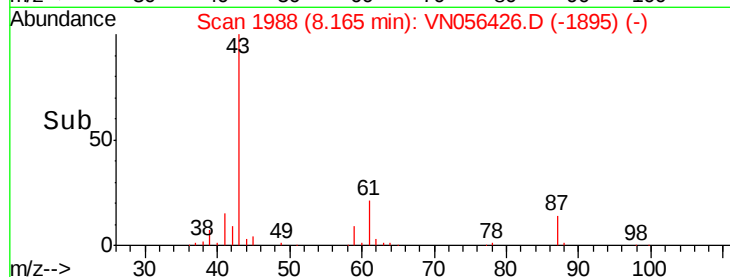
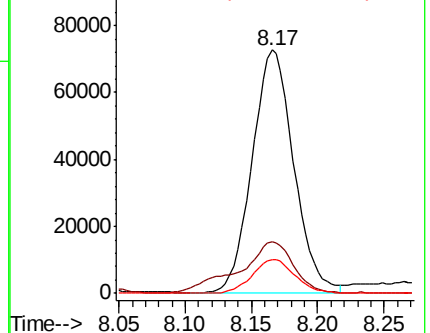
87 14.3 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 19.922 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056426.D

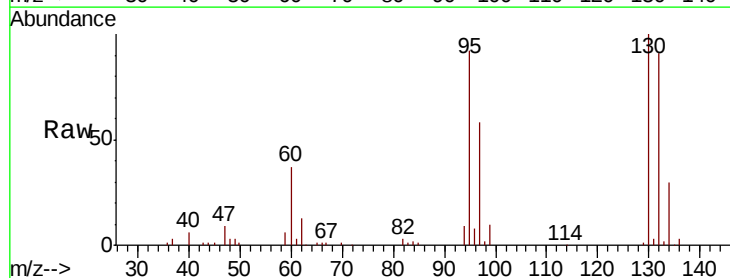
Acq: 21 Jun 2019 15:16

Tgt Ion:130 Resp: 82569

Ion Ratio Lower Upper

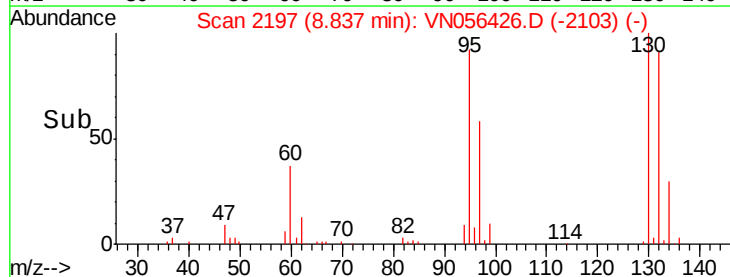
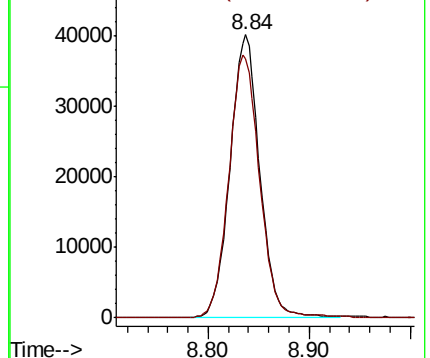
130 100

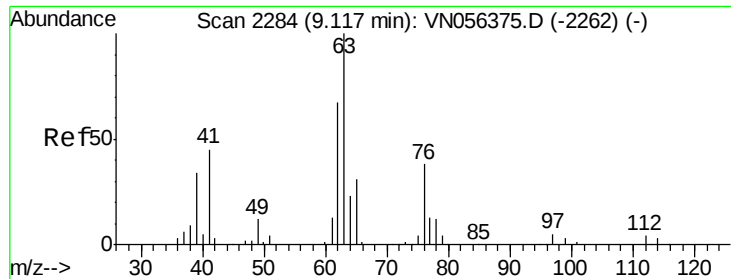
95 91.7 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.684 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

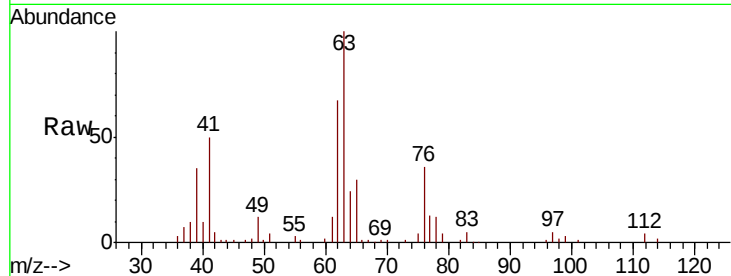
VN0621WBS02

Tot Ion: 63 Resp: 85109

Ion Ratio Lower Upper

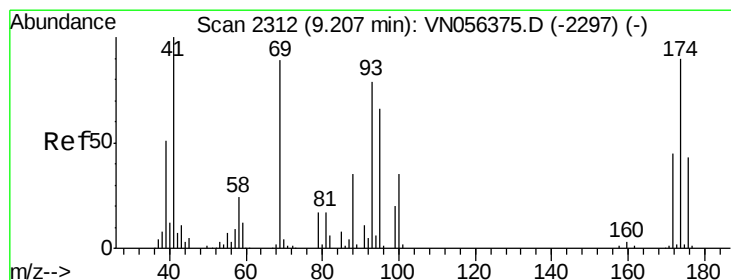
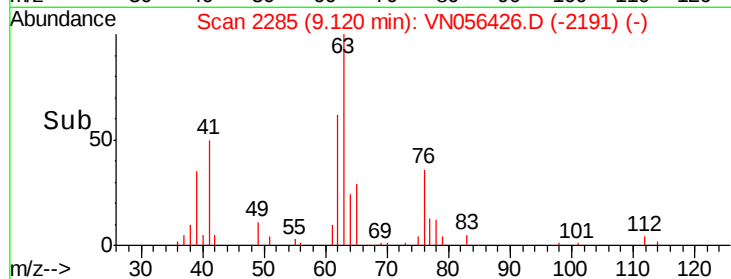
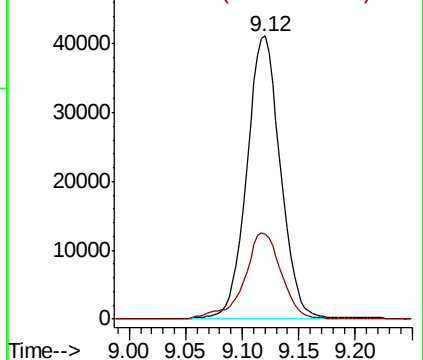
63 100

65 30.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.898 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

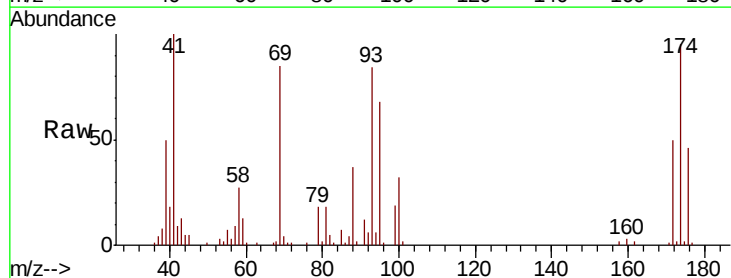
Tgt Ion: 93 Resp: 53798

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

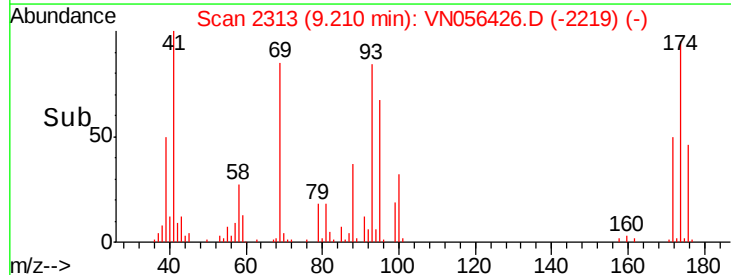
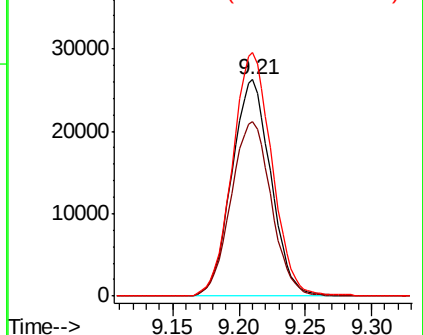
174 113.6 90.8 136.2

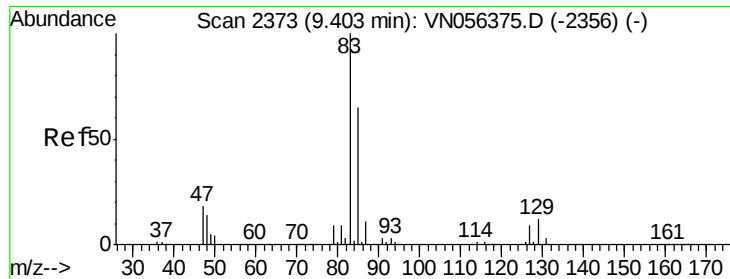


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.846 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

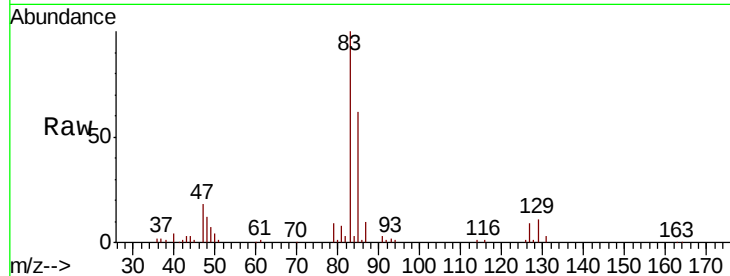
Tot Ion: 83 Resp: 95176

Ion Ratio Lower Upper

83 100

85 61.8 52.2 78.4

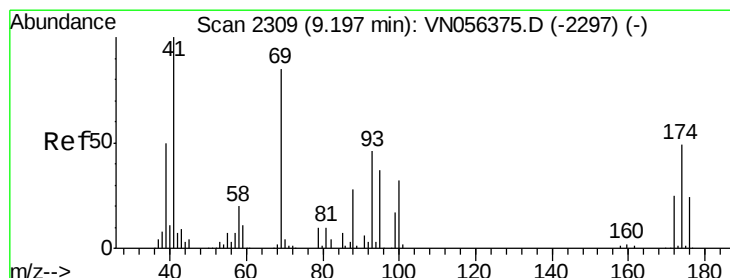
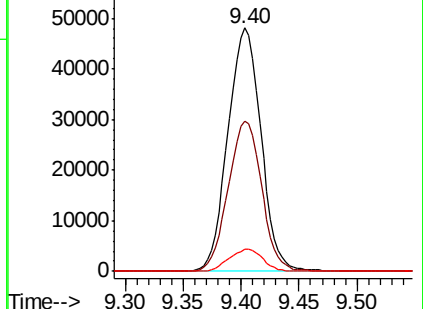
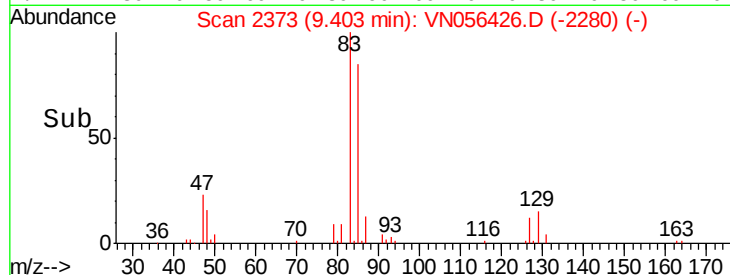
127 8.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.311 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

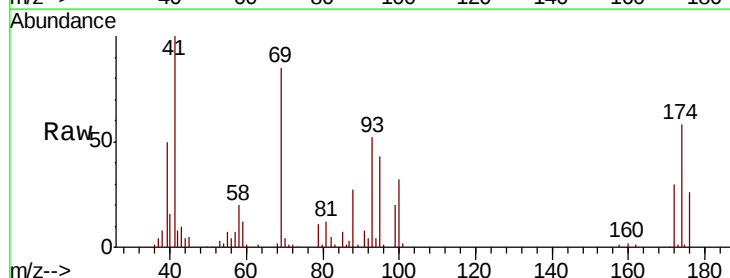
Tgt Ion: 41 Resp: 77148

Ion Ratio Lower Upper

41 100

69 91.8 72.6 109.0

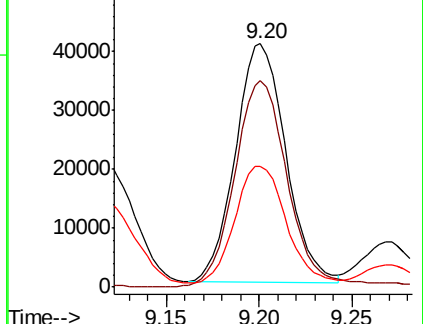
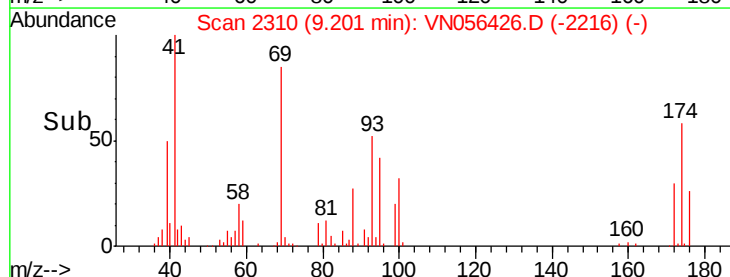
39 52.2 42.6 63.8

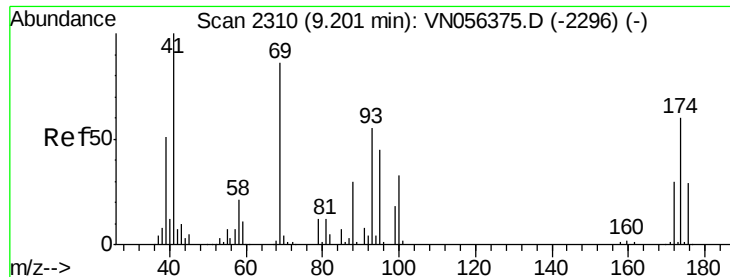


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

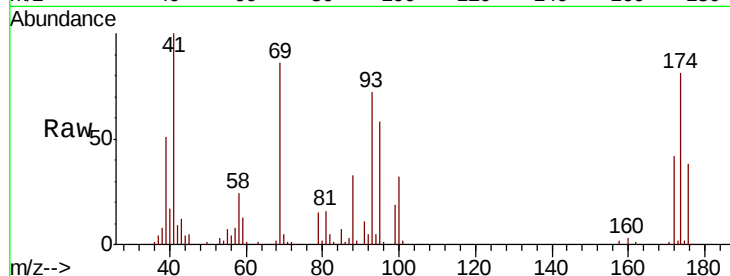




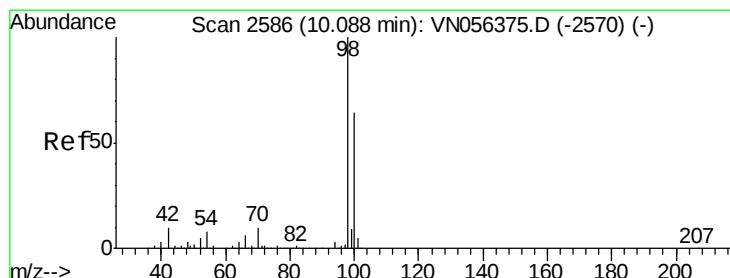
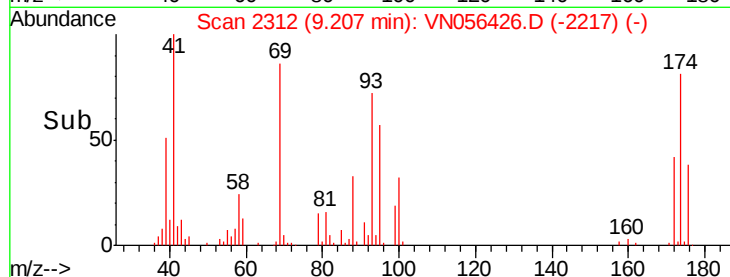
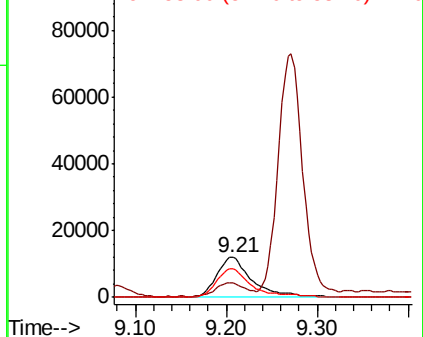
#49
 1,4-Dioxane
 Concen: 415.816 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

Tot Ion: 88 Resp: 32776
 Ion Ratio Lower Upper
 88 100
 43 28.5 22.0 33.0
 58 71.2 51.8 77.8

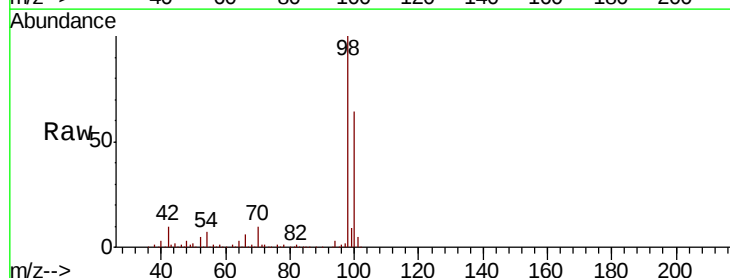


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

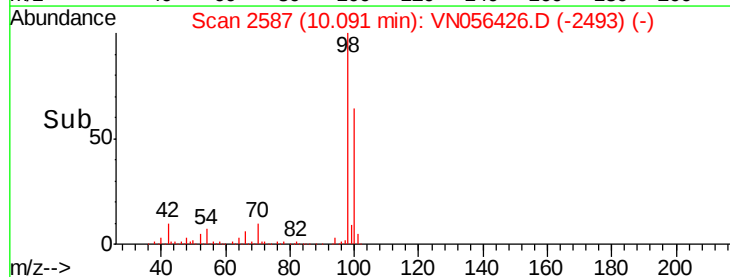
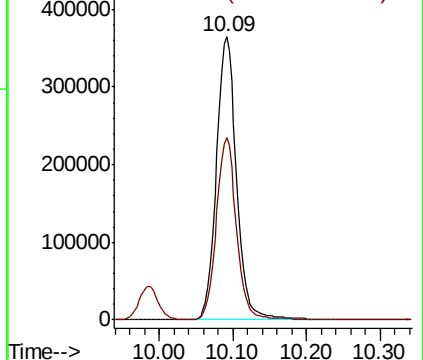


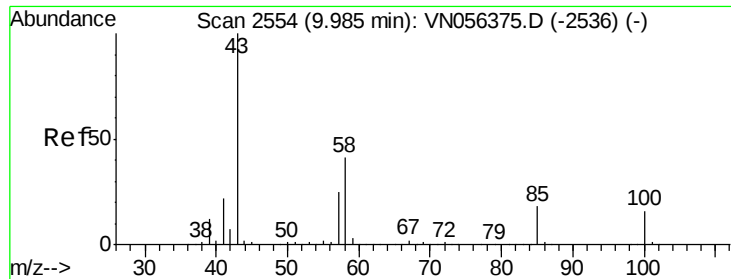
#50
 Toluene-d8
 Concen: 50.003 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Tgt Ion: 98 Resp: 689758
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 106.757 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

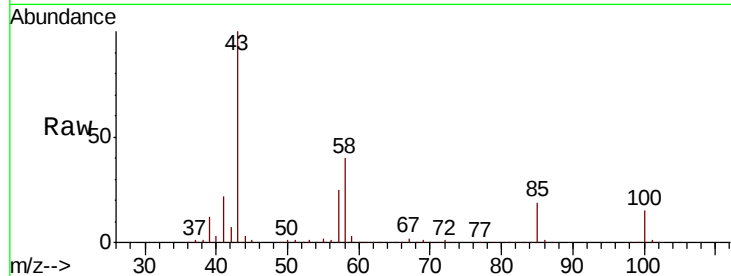
VN0621WBS02

Tot Ion: 43 Resp: 522274

Ion Ratio Lower Upper

43 100

58 39.6 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

250000

200000

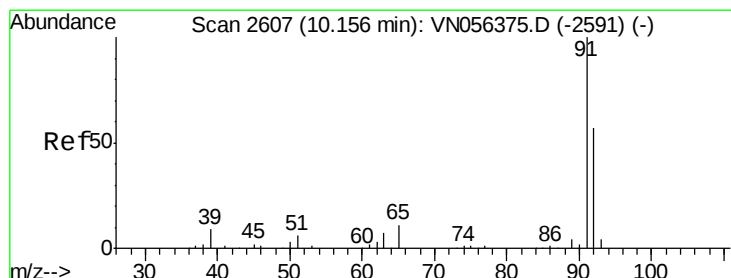
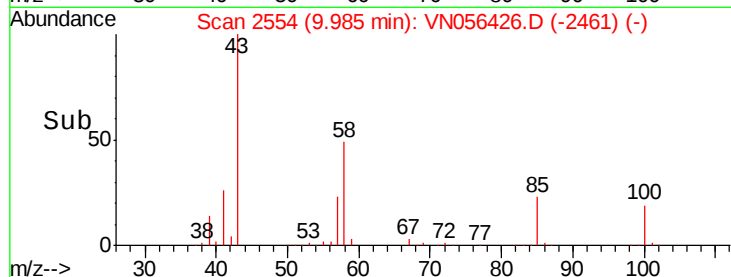
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.594 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN056426.D

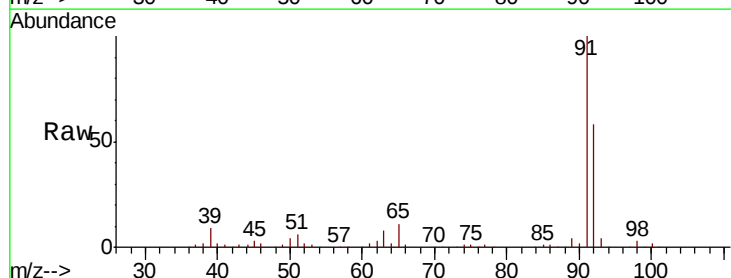
Acq: 21 Jun 2019 15:16

Tgt Ion: 92 Resp: 193720

Ion Ratio Lower Upper

92 100

91 173.0 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

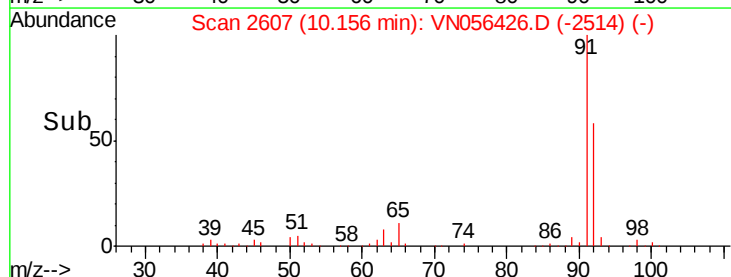
150000

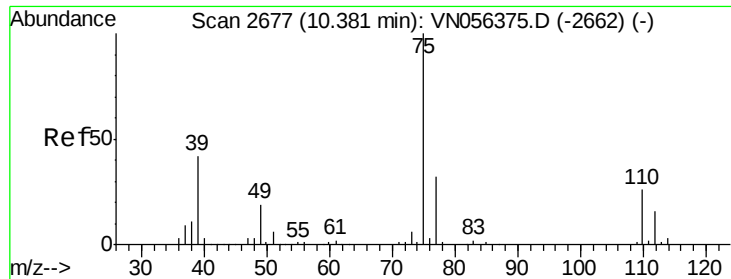
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.668 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

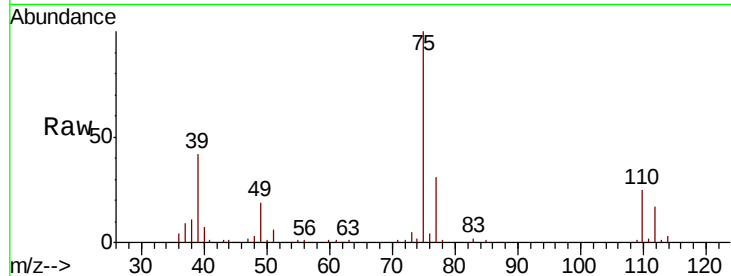
VN0621WBS02

Tot Ion: 75 Resp: 94687

Ion Ratio Lower Upper

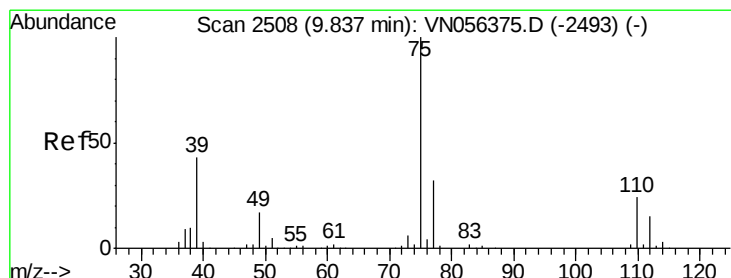
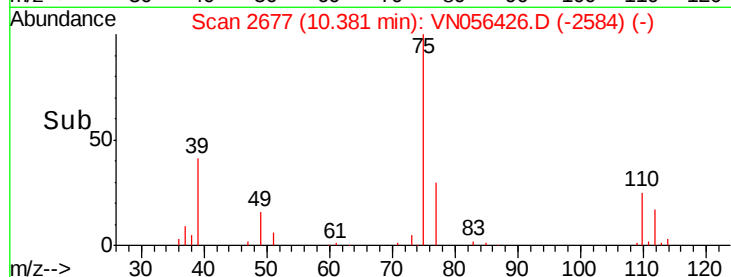
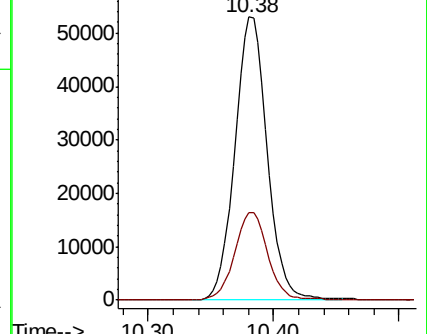
75 100

77 30.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.565 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

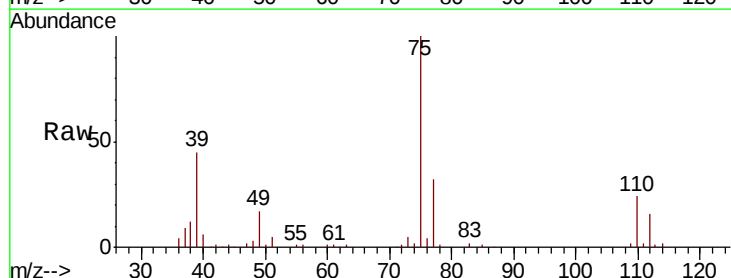
Tgt Ion: 75 Resp: 113070

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

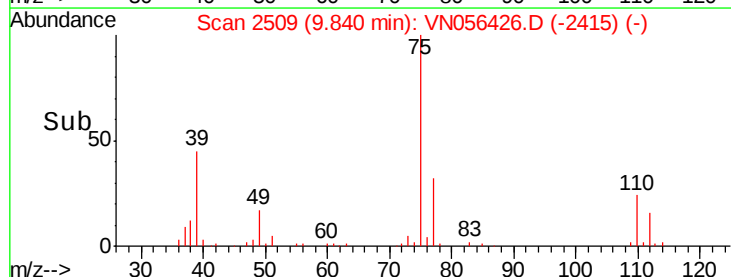
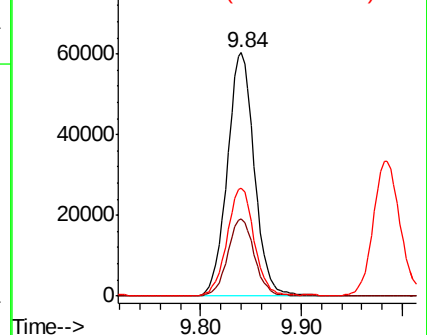
39 44.6 34.2 51.4

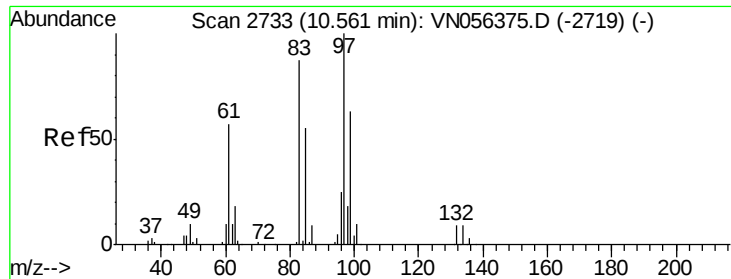


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

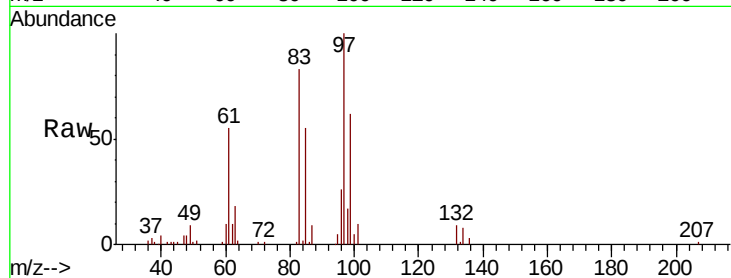




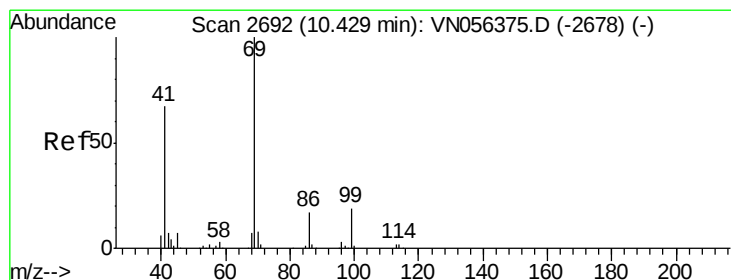
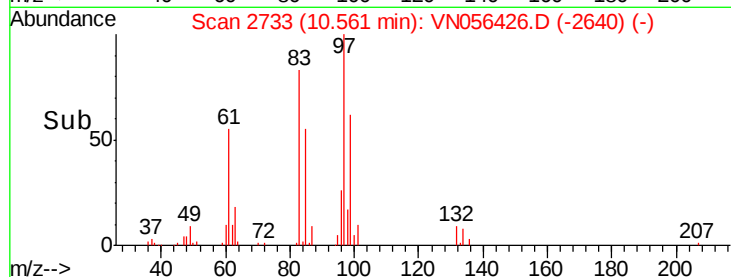
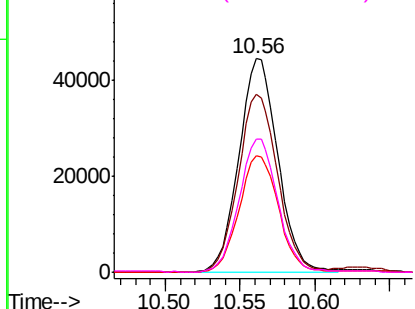
#55
 1,1,2-Trichloroethane
 Concen: 21.393 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

Tot Ion: 97 Resp: 80886
 Ion Ratio Lower Upper
 97 100
 83 83.3 69.8 104.6
 85 54.8 43.8 65.8
 99 62.3 50.2 75.2

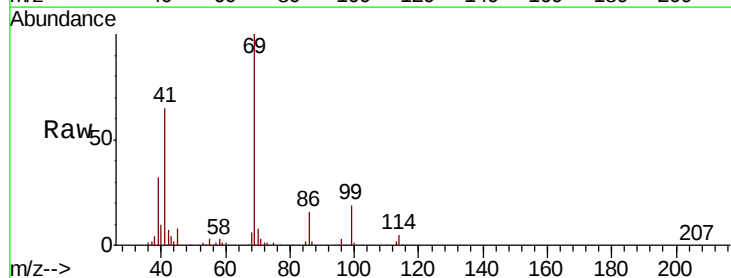


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

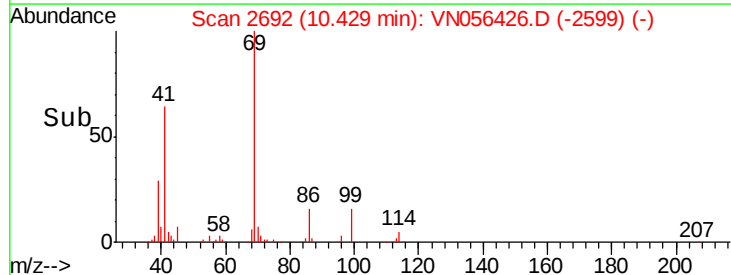
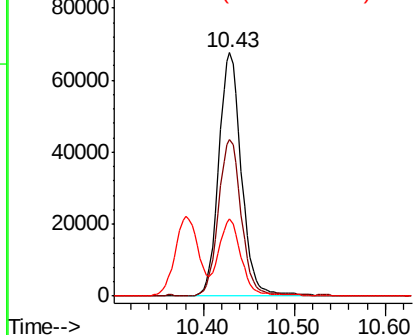


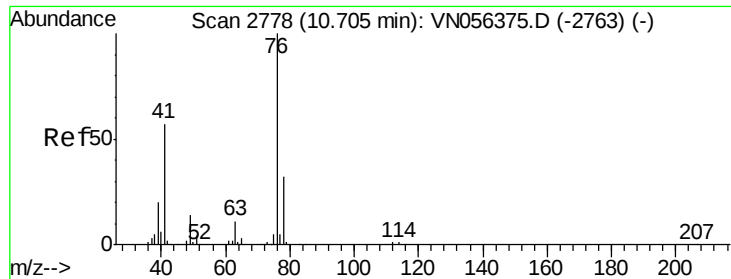
#56
 Ethyl methacrylate
 Concen: 21.217 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Tgt Ion: 69 Resp: 117238
 Ion Ratio Lower Upper
 69 100
 41 63.7 51.4 77.2
 39 29.9 24.7 37.1



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

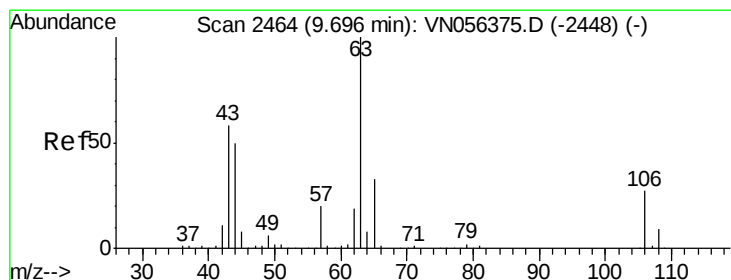
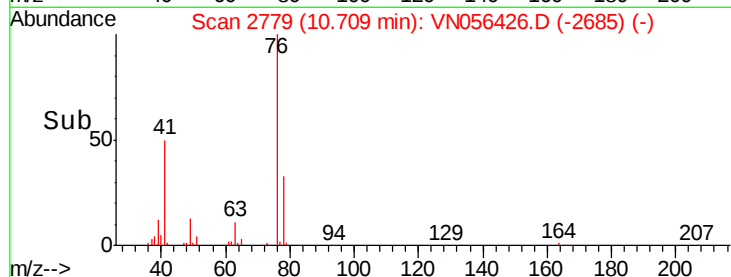
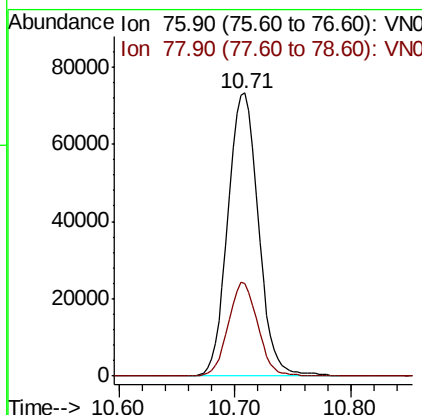
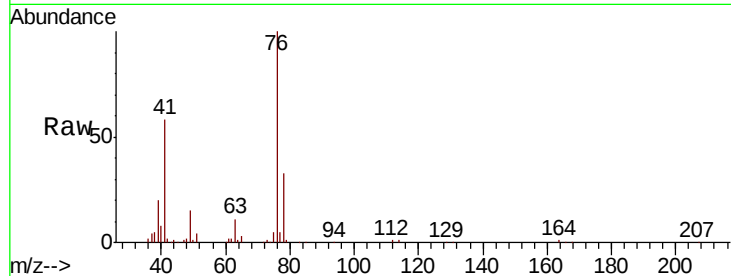




#57
 1,3-Dichloropropane
 Concen: 21.012 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

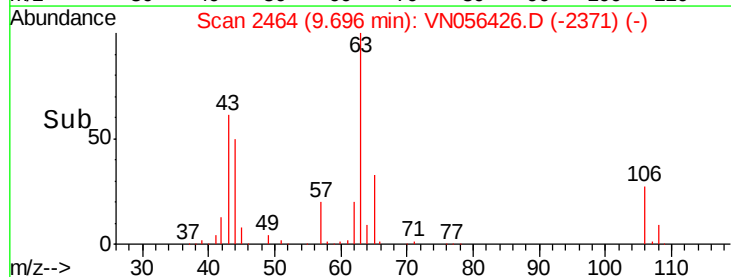
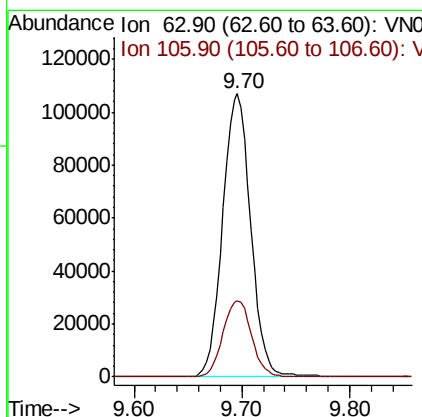
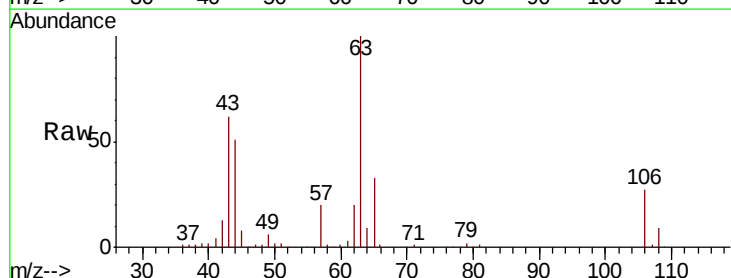
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

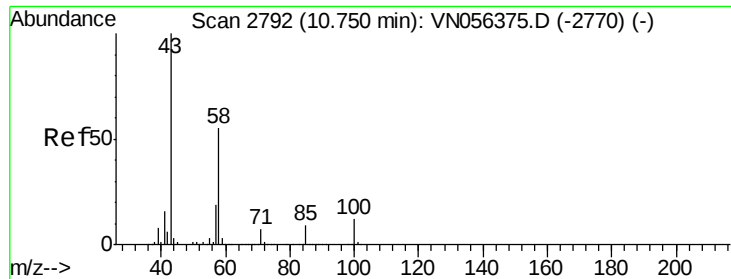
Tot Ion: 76 Resp: 133465
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.666 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Tgt Ion: 63 Resp: 193878
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.6 32.4

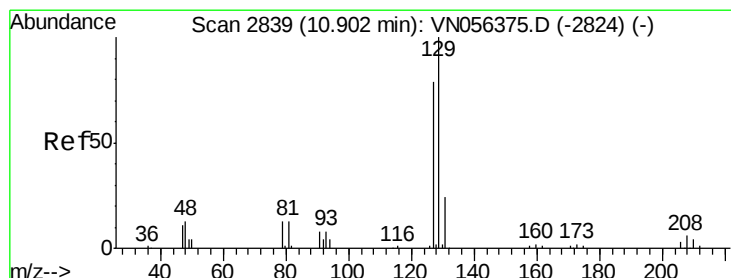
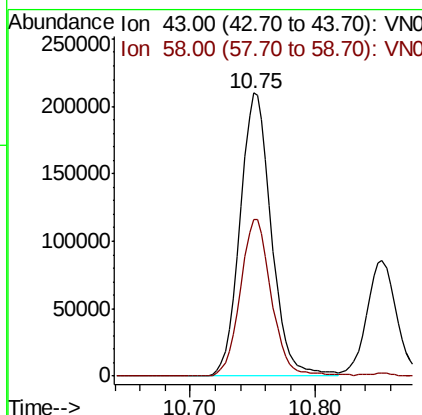
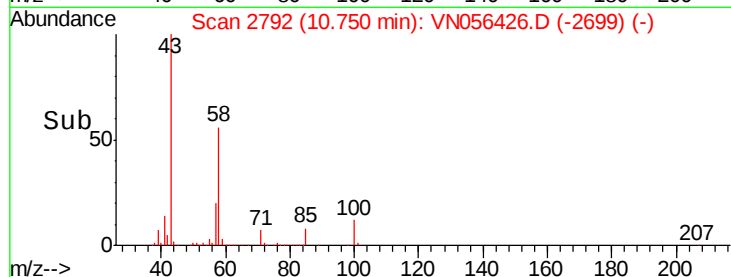
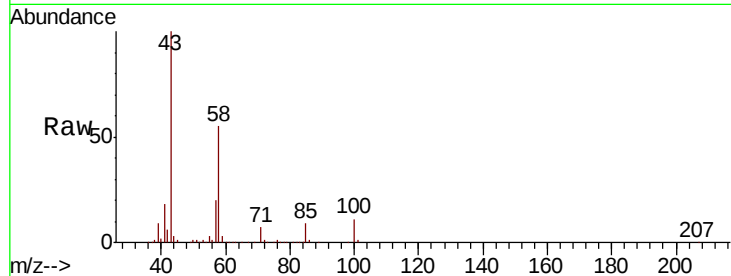




#59
2-Hexanone
Concen: 101.014 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

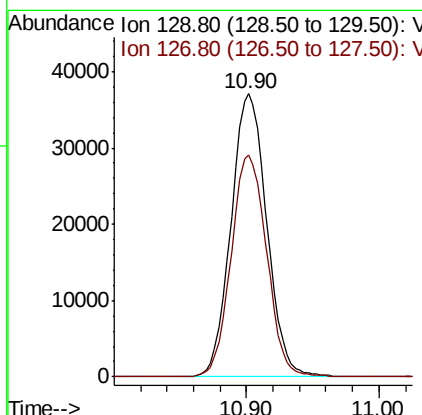
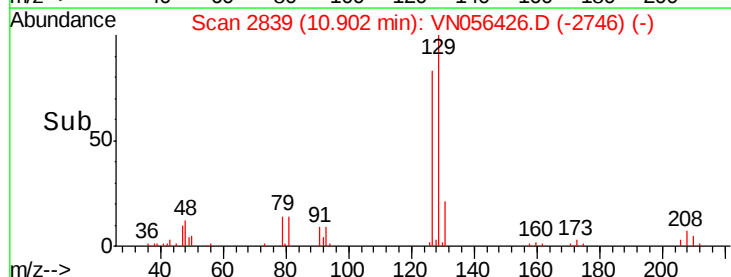
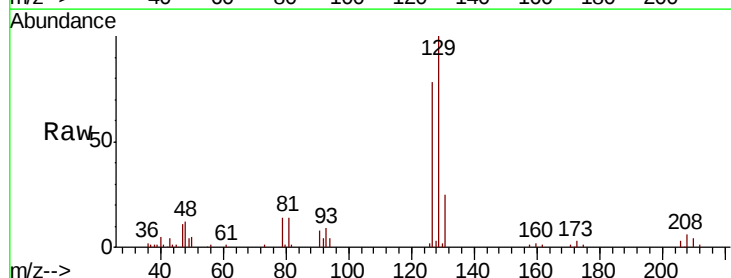
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

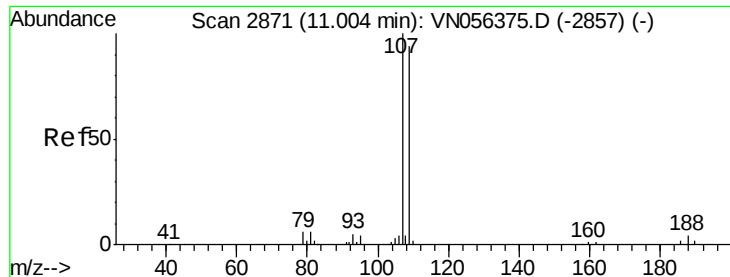
Tot Ion: 43 Resp: 363203
Ion Ratio Lower Upper
43 100
58 55.2 27.8 83.4



#60
Dibromochloromethane
Concen: 19.389 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 129 Resp: 69403
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.687 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

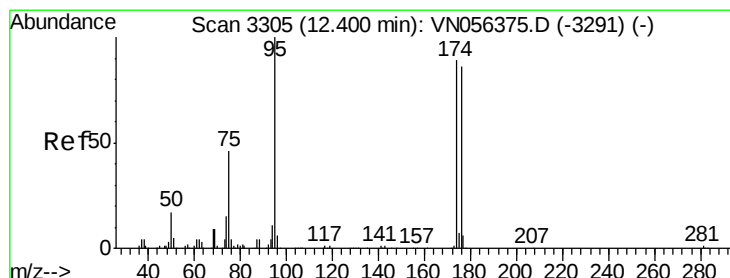
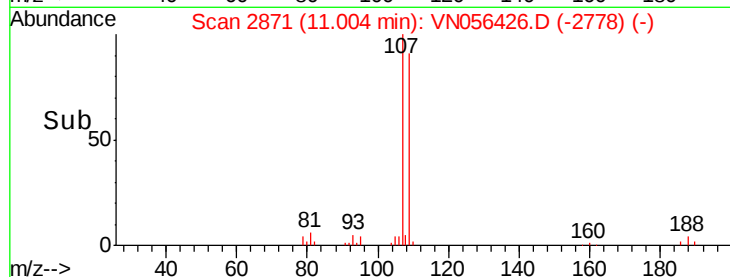
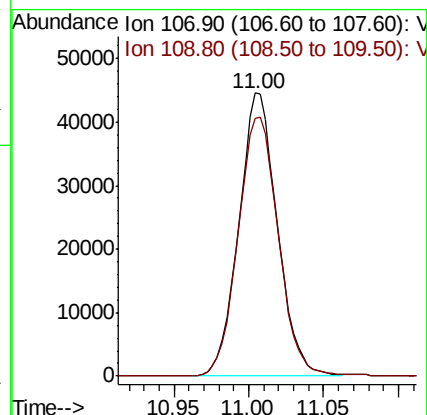
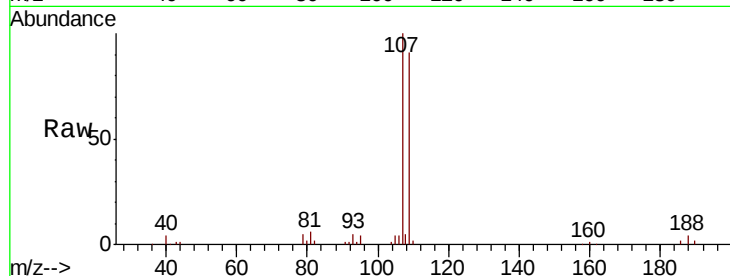
VN0621WBS02

Tot Ion:107 Resp: 79889

Ion Ratio Lower Upper

107 100

109 95.3 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 48.003 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

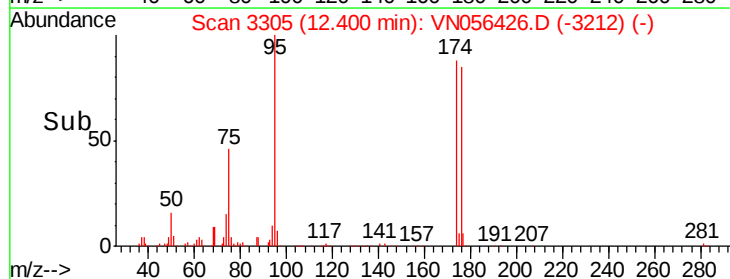
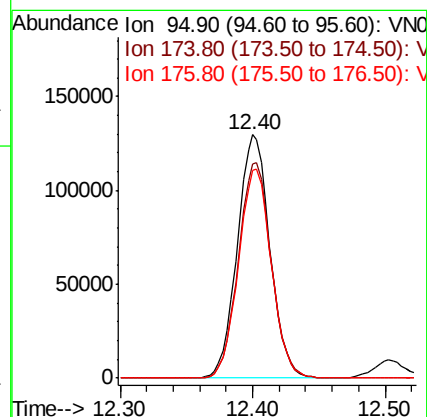
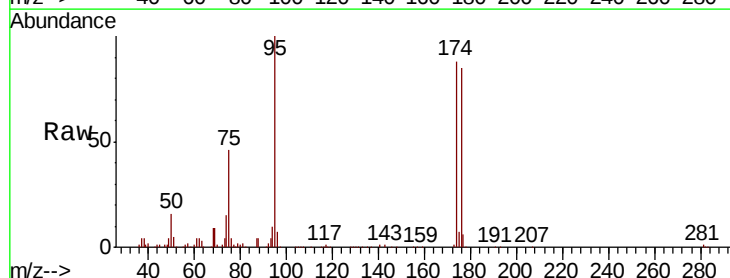
Tgt Ion: 95 Resp: 220740

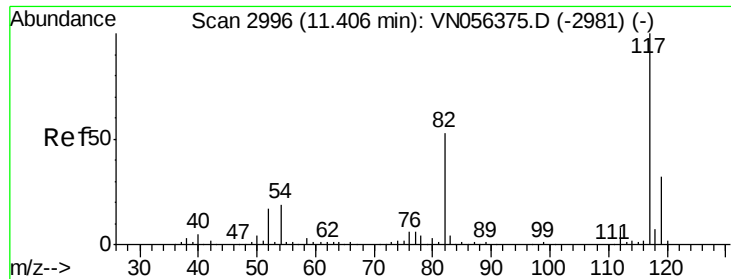
Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.4

176 86.8 0.0 173.4

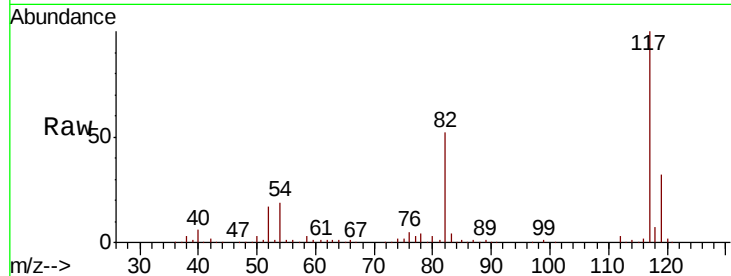




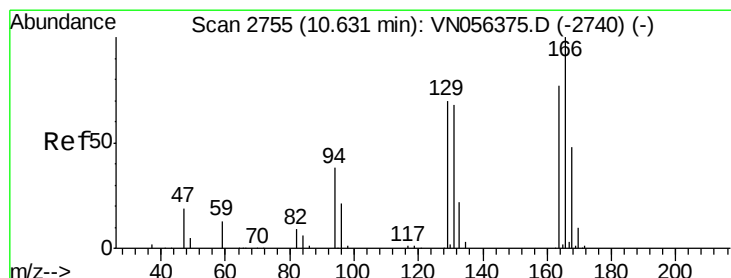
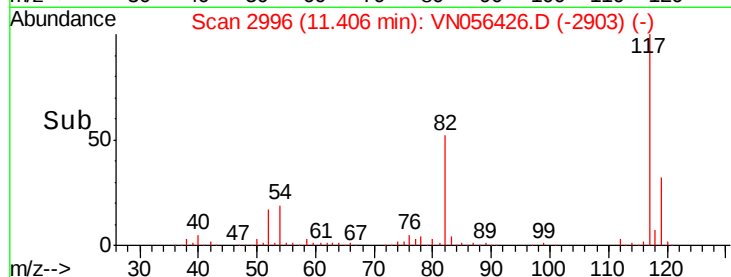
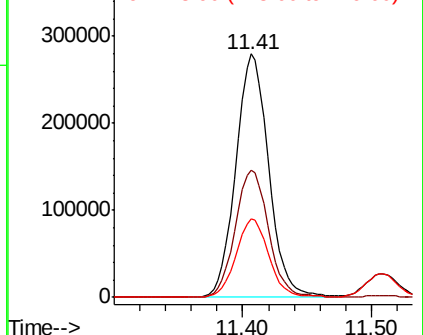
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

Tot Ion:117 Resp: 496608
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 32.1 25.3 37.9

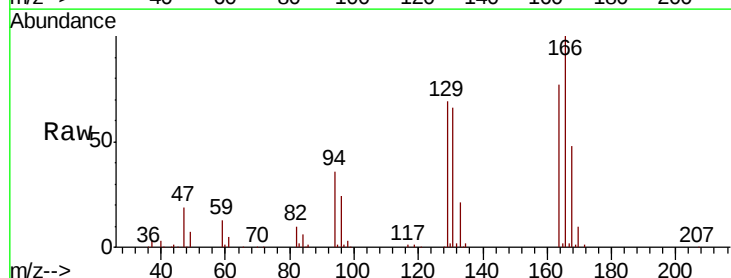


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

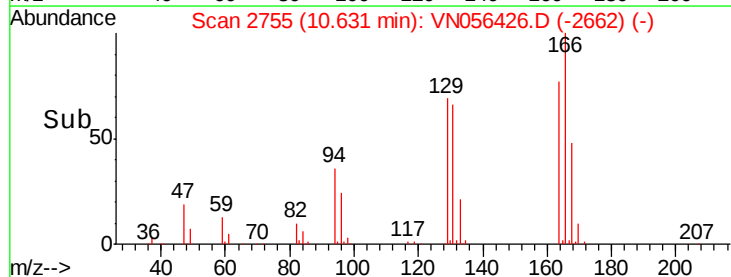
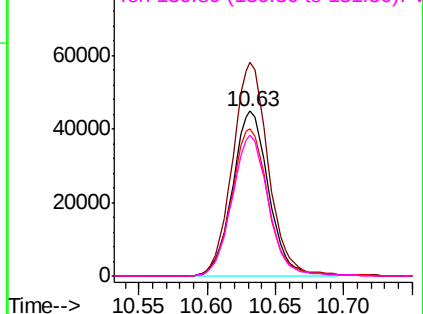


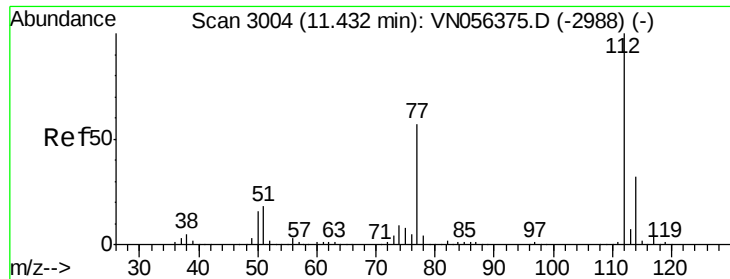
#64
Tetrachloroethene
Concen: 21.031 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion:164 Resp: 82708
Ion Ratio Lower Upper
164 100
166 129.5 103.4 155.0
129 89.6 72.0 108.0
131 85.3 70.2 105.2



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

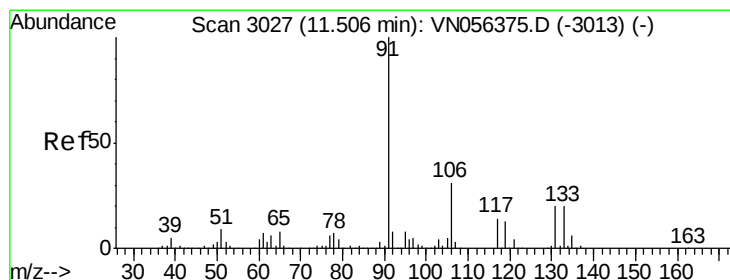
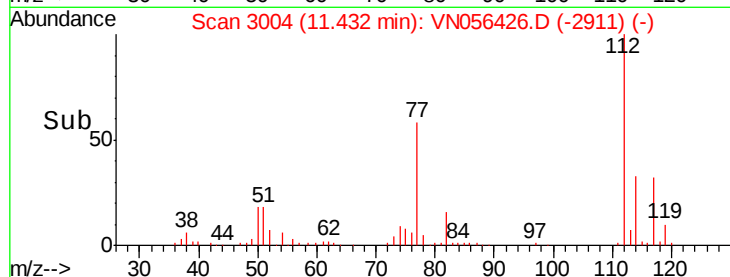
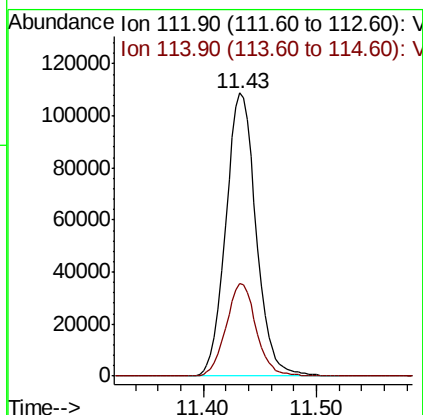
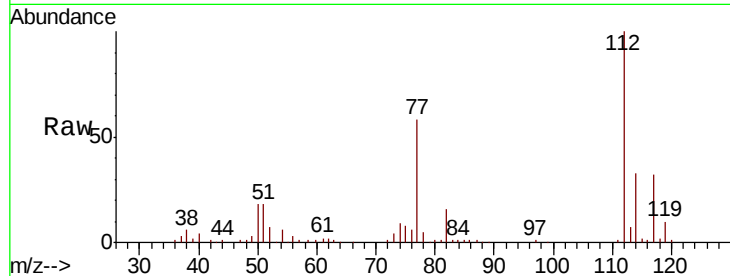




#65
Chlorobenzene
Concen: 20.295 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

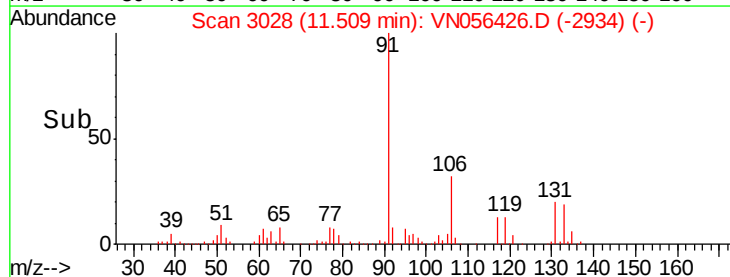
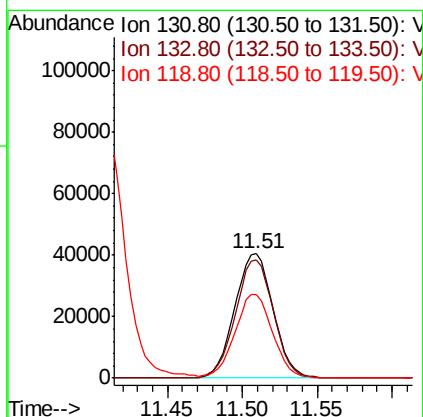
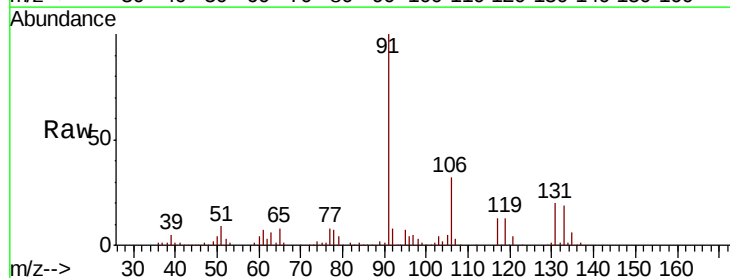
Instrument :
MSVOA_N
ClientSampled :
VN0621WBS02

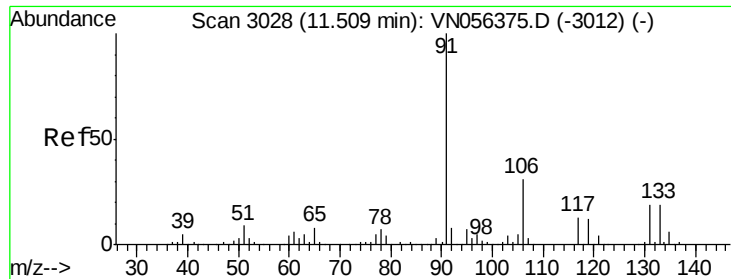
Tot Ion:112 Resp: 202520
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.463 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion:131 Resp: 72386
Ion Ratio Lower Upper
131 100
133 94.1 47.4 142.2
119 66.2 32.8 98.4

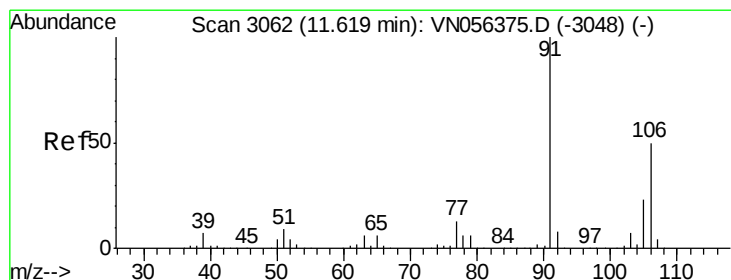
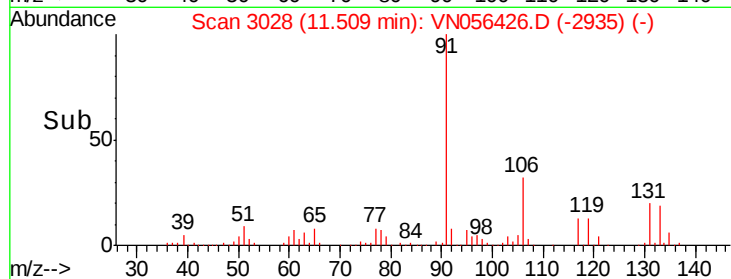
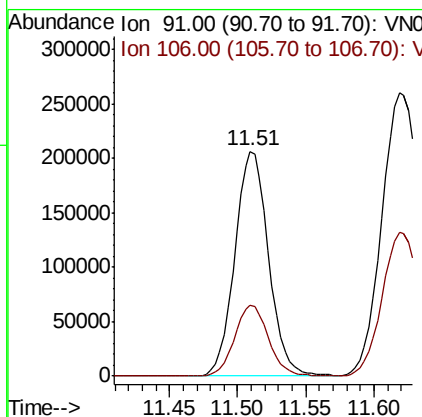
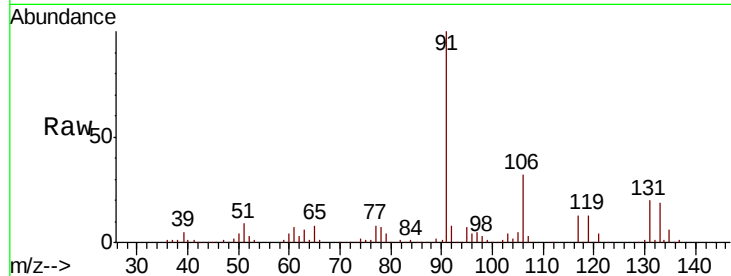




#67
Ethyl Benzene
Concen: 20.172 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

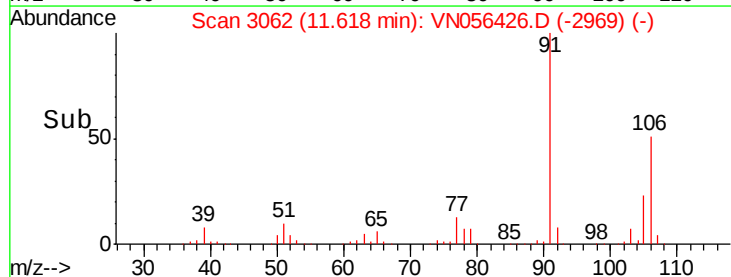
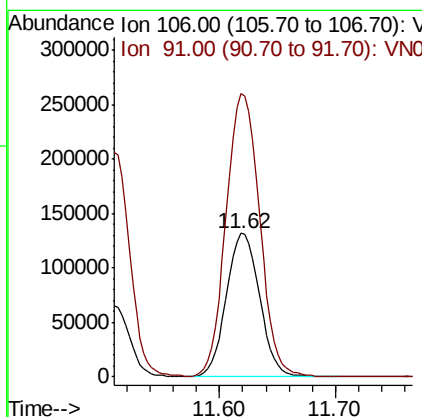
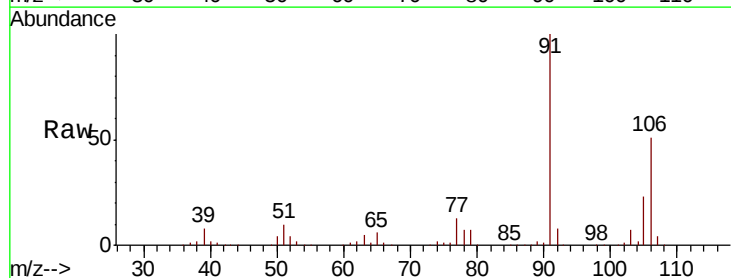
Instrument :
MSVOA_N
ClientSampled :
VN0621WBS02

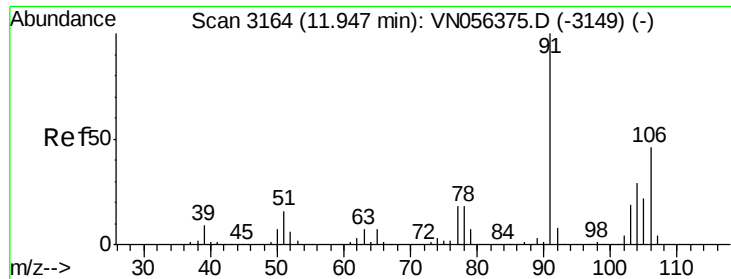
Tot Ion: 91 Resp: 353426
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 40.783 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion: 106 Resp: 261870
Ion Ratio Lower Upper
106 100
91 198.9 160.1 240.1

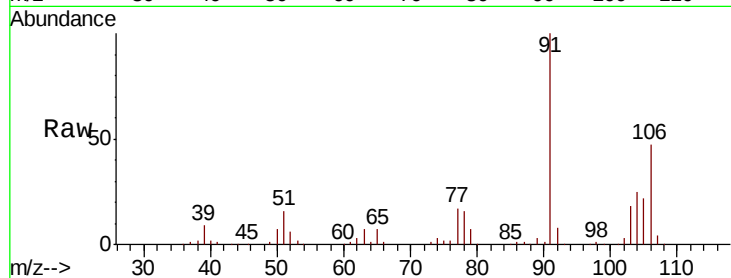




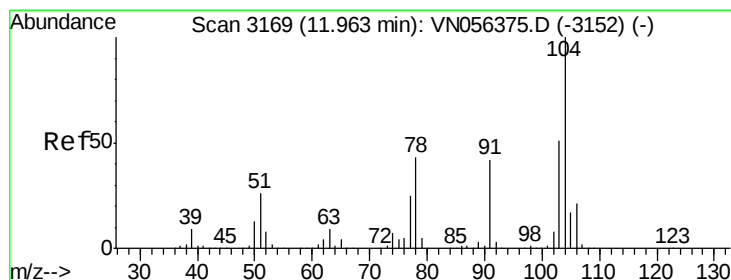
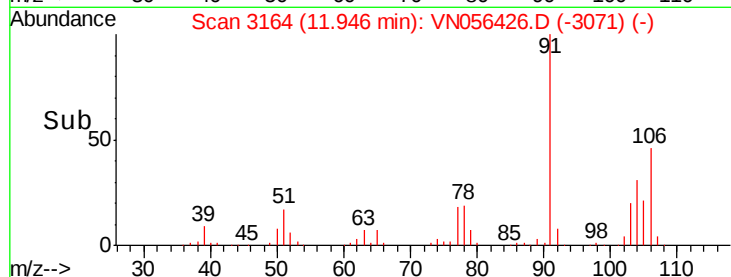
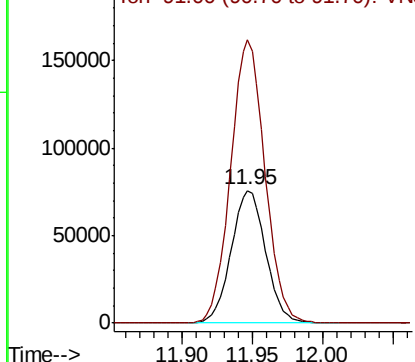
#69
o-Xylene
Concen: 20.423 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

Tot Ion:106 Resp: 129740
Ion Ratio Lower Upper
106 100
91 212.5 107.1 321.3

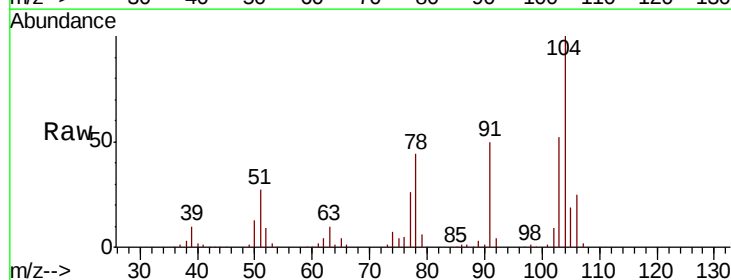


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

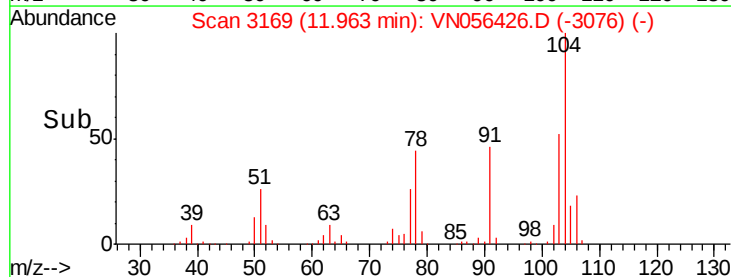
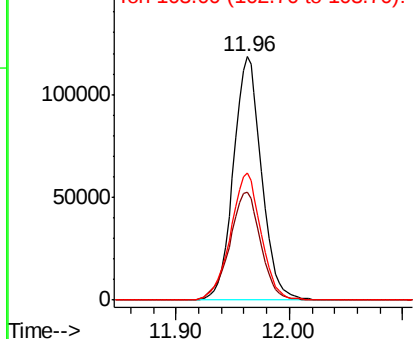


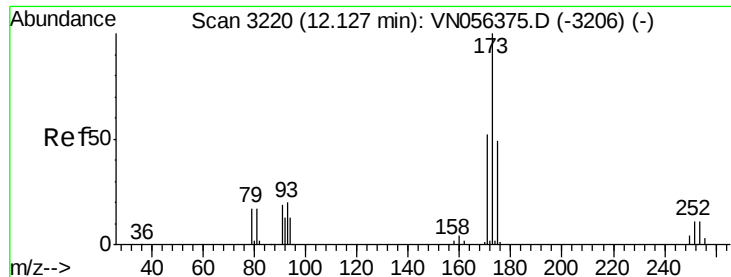
#70
Styrene
Concen: 20.129 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion:104 Resp: 204394
Ion Ratio Lower Upper
104 100
78 48.8 38.6 57.8
103 56.6 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

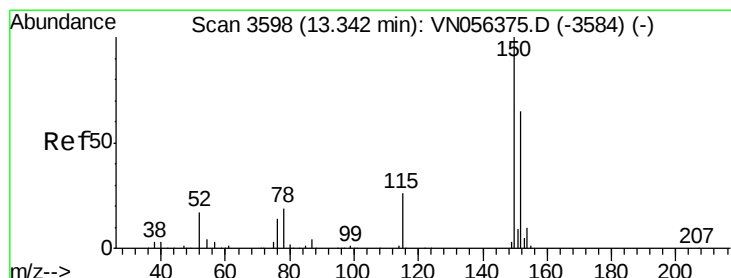
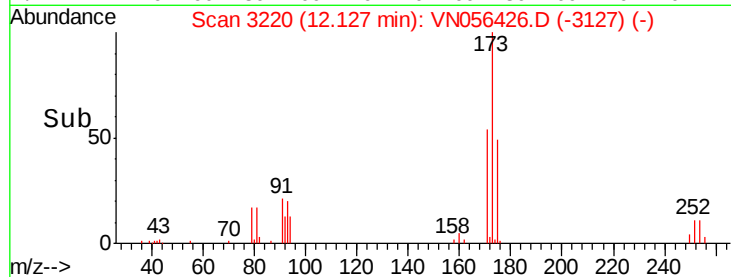
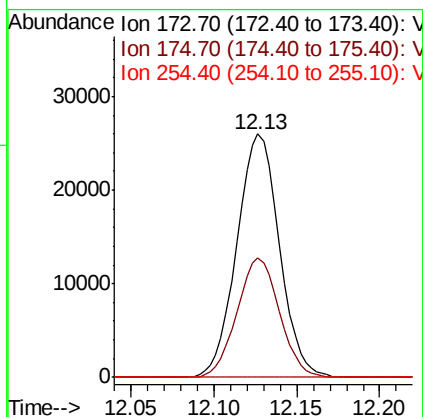
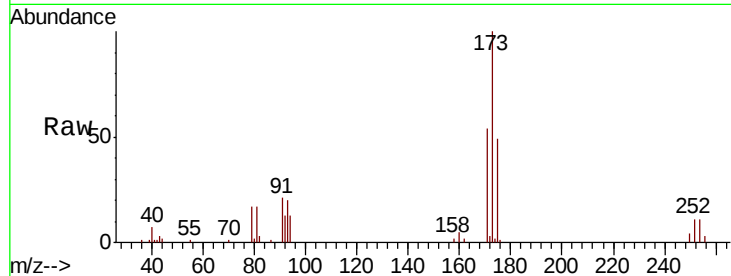




#71
Bromoform
Concen: 19.089 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

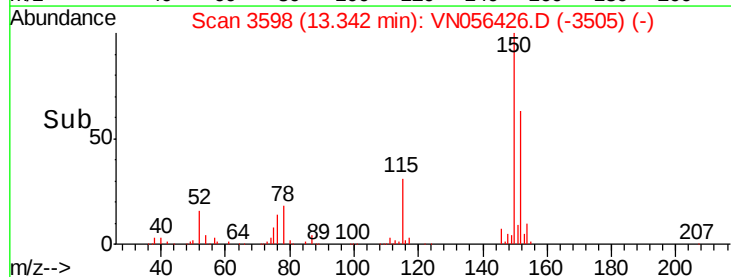
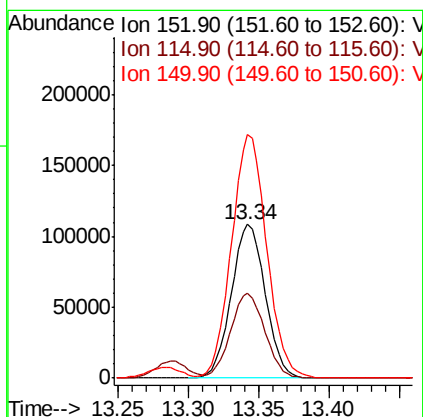
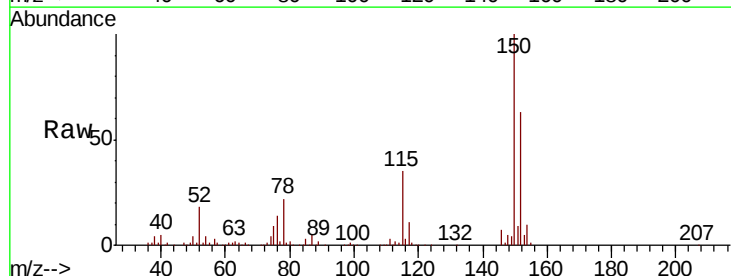
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS02

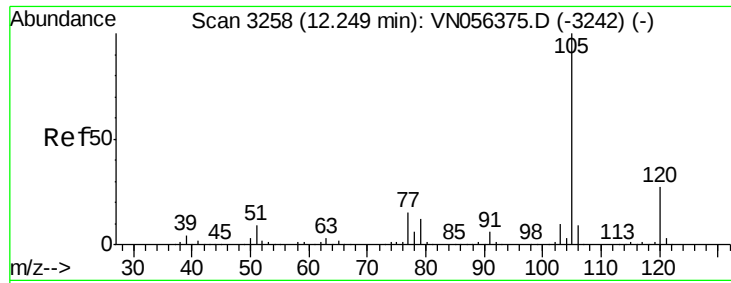
Tot Ion:173 Resp: 46295
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056426.D
Acq: 21 Jun 2019 15:16

Tgt Ion:152 Resp: 183225
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.4
150 163.6 0.0 348.4





#73

Isopropylbenzene

Concen: 23.423 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

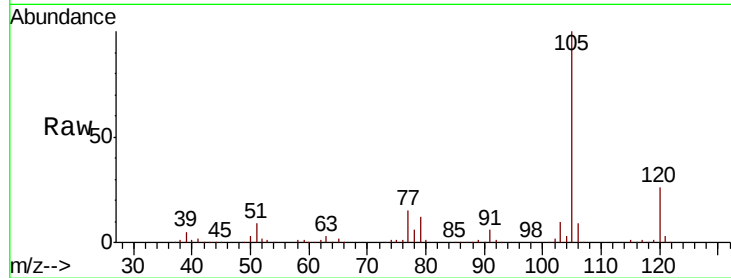
VN0621WBS02

Tot Ion:105 Resp: 342011

Ion Ratio Lower Upper

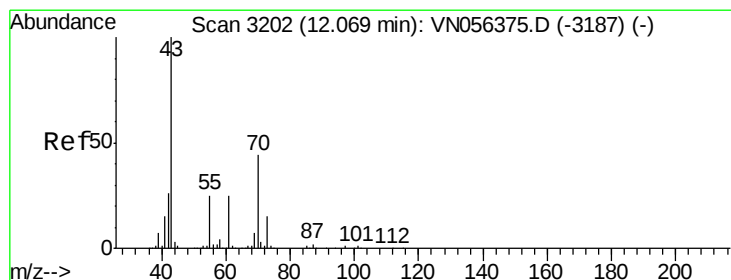
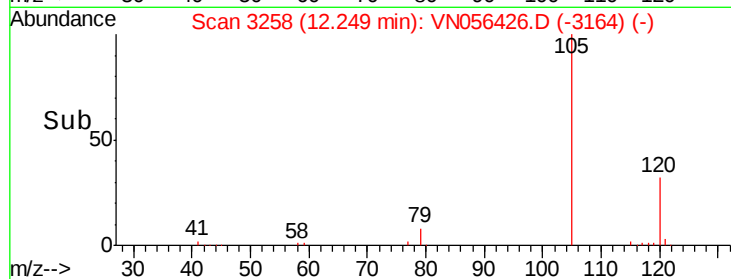
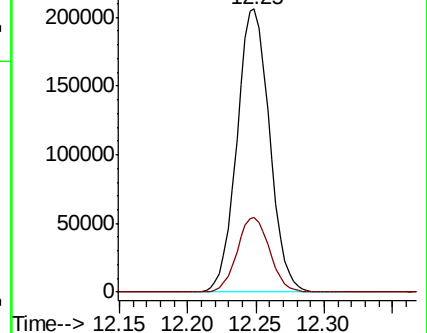
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.480 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Tgt Ion: 43 Resp: 125255

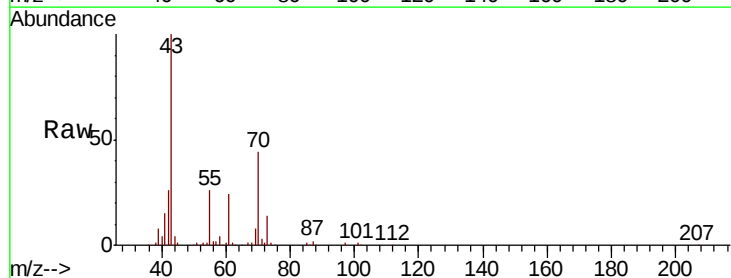
Ion Ratio Lower Upper

43 100

70 43.7 34.9 52.3

55 25.7 20.4 30.6

61 24.4 19.8 29.8

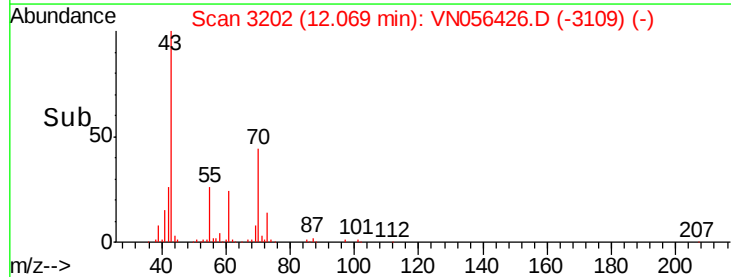
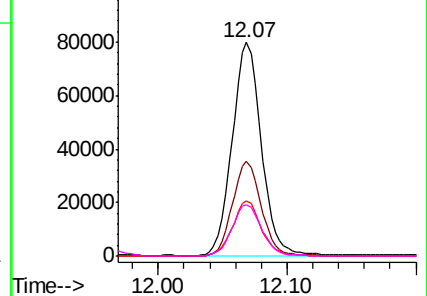


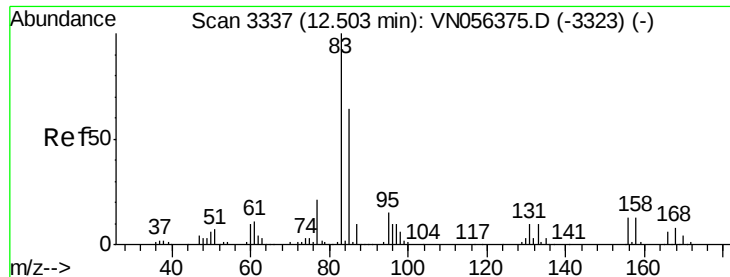
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 23.805 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

VN0621WBS02

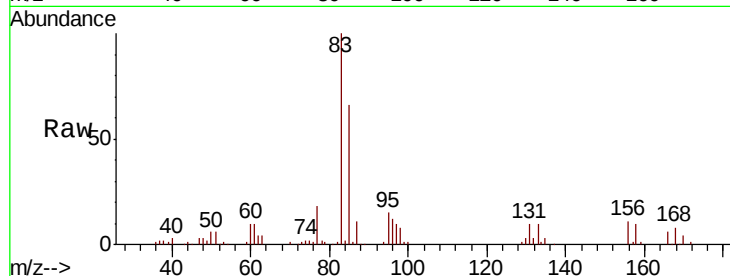
Tot Ion: 83 Resp: 108284

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

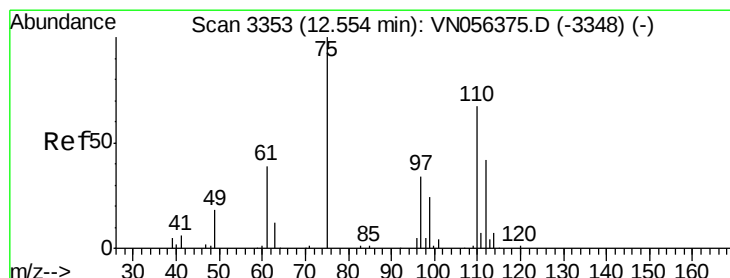
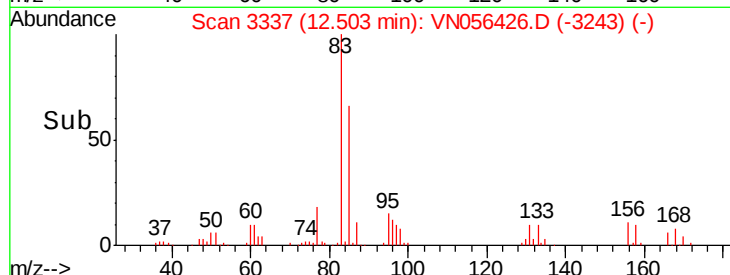
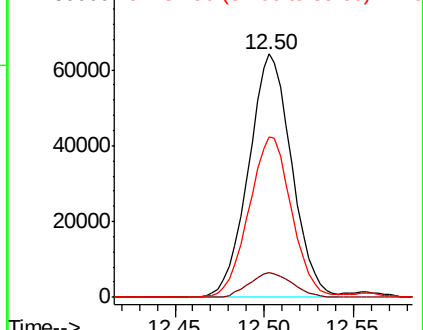
85 65.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.491 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056426.D

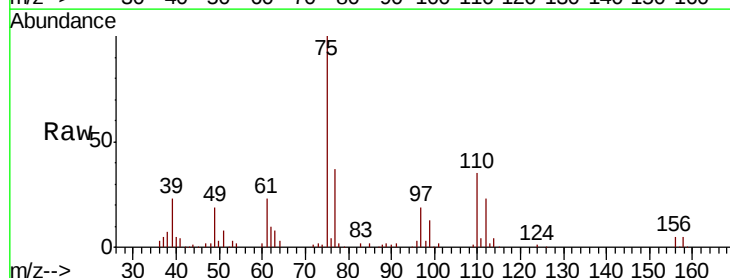
Acq: 21 Jun 2019 15:16

Tgt Ion: 75 Resp: 123438

Ion Ratio Lower Upper

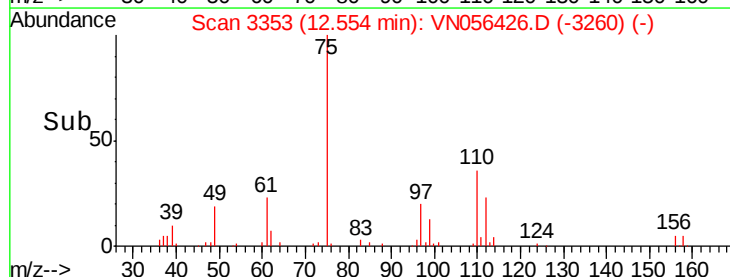
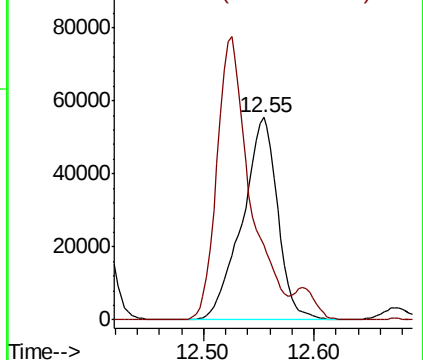
75 100

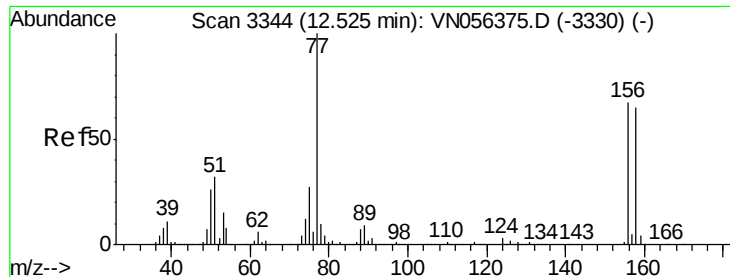
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.810 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

VN0621WBS02

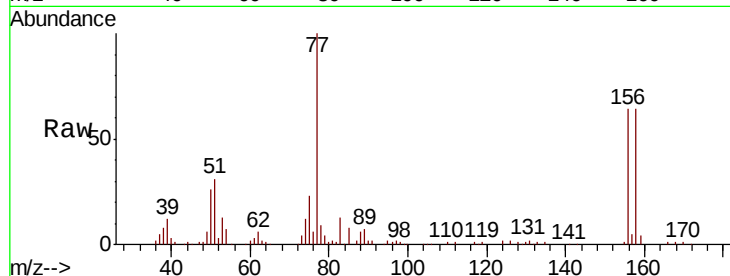
Tot Ion:156 Resp: 85255

Ion Ratio Lower Upper

156 100

77 189.4 92.5 277.3

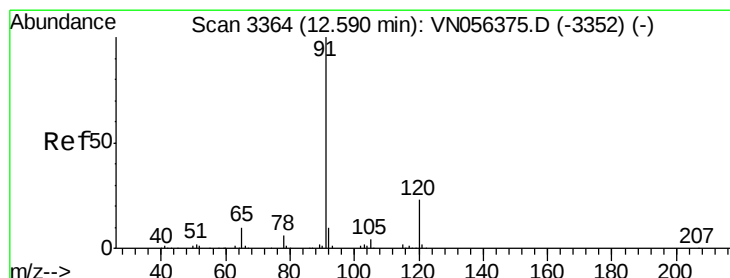
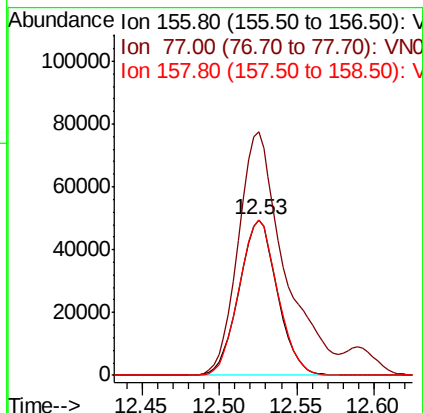
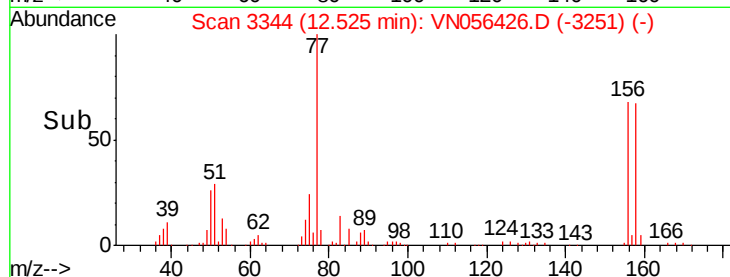
158 100.4 48.7 146.1



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: 21.129 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056426.D

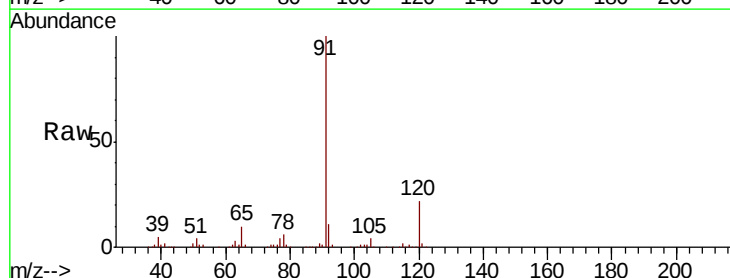
Acq: 21 Jun 2019 15:16

Tgt Ion: 91 Resp: 354527

Ion Ratio Lower Upper

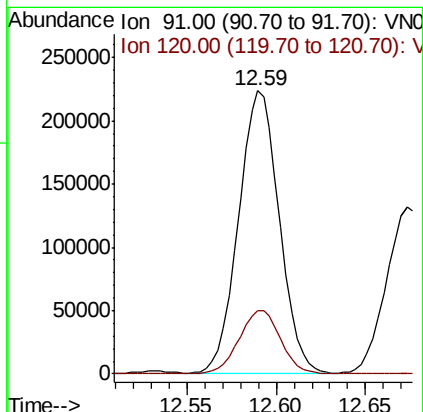
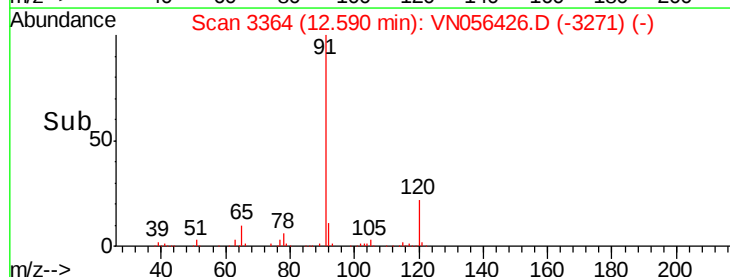
91 100

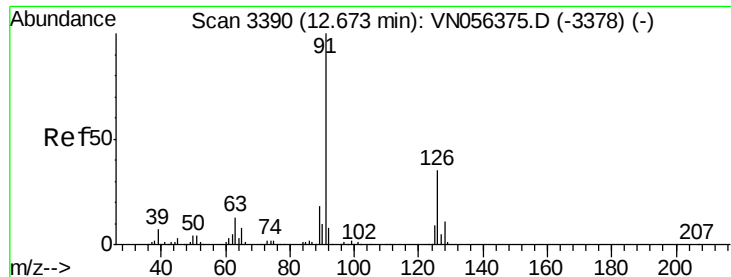
120 22.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.789 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

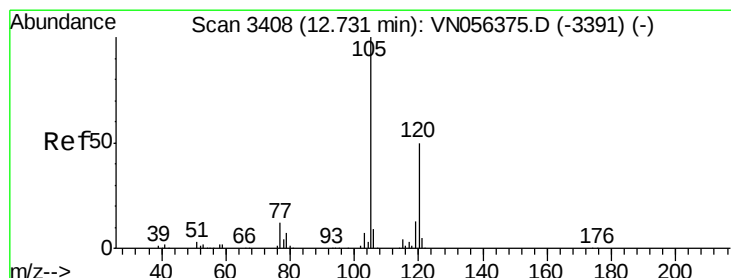
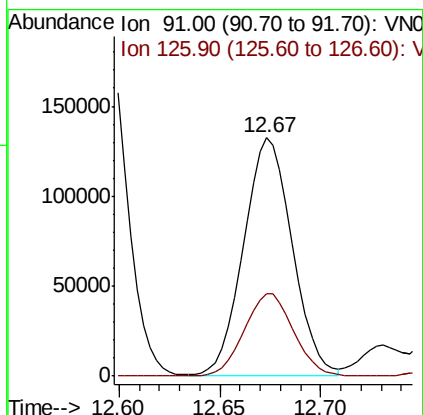
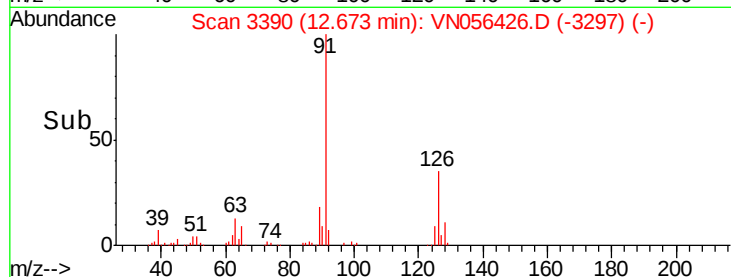
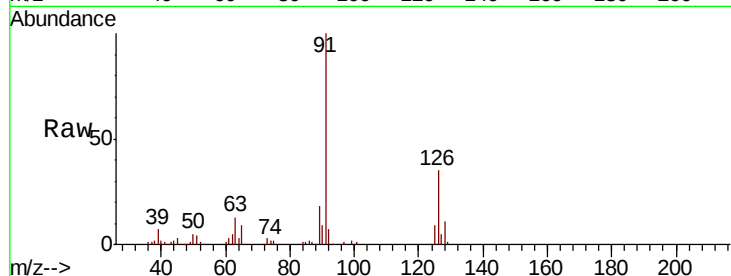
VN0621WBS02

Tot Ion: 91 Resp: 222343

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 22.705 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056426.D

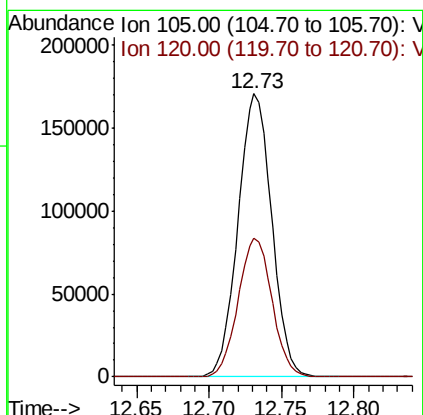
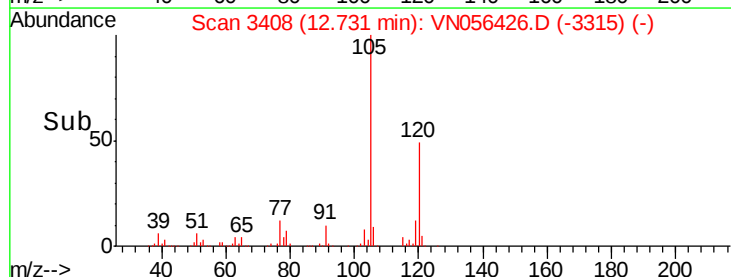
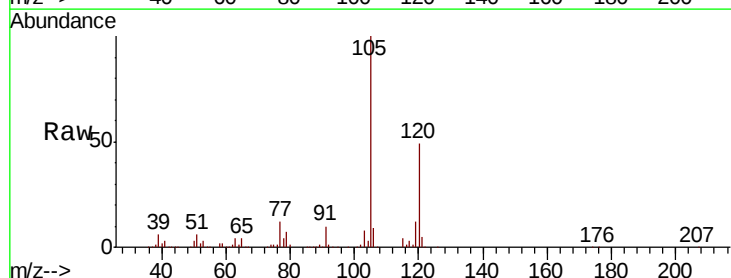
Acq: 21 Jun 2019 15:16

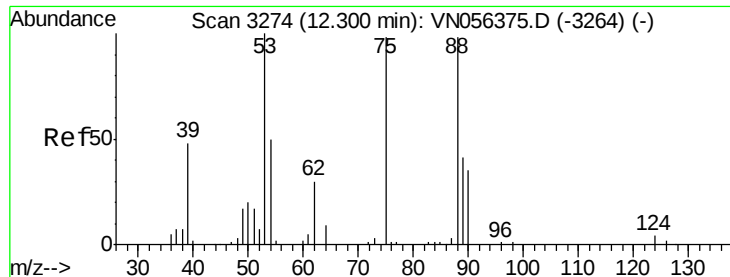
Tgt Ion: 105 Resp: 276034

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.857 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

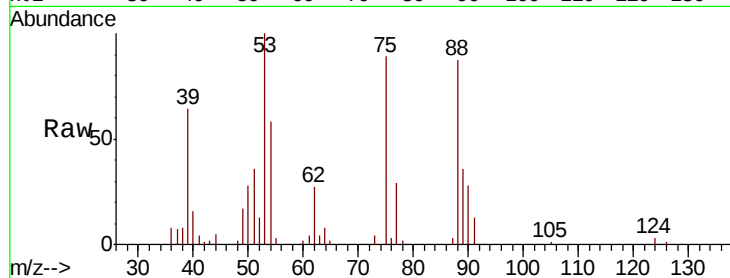
Tot Ion: 75 Resp: 21226

Ion Ratio Lower Upper

75 100

53 116.0 83.9 125.9

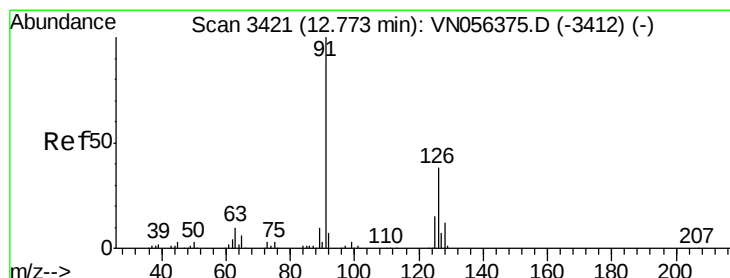
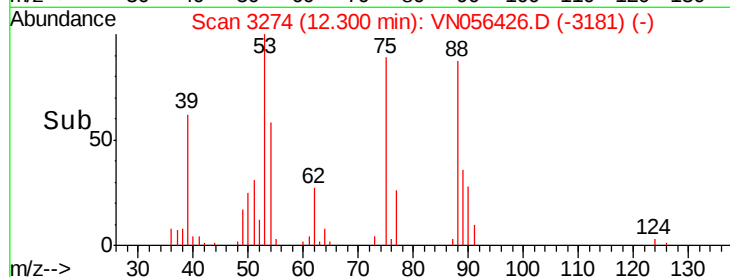
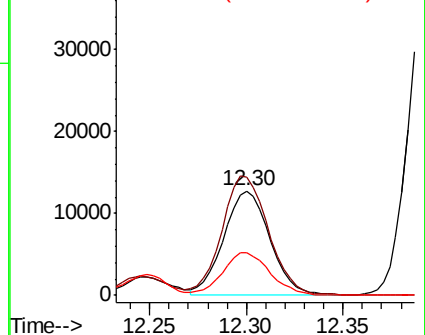
89 41.7 35.0 52.6



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: 20.501 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN056426.D

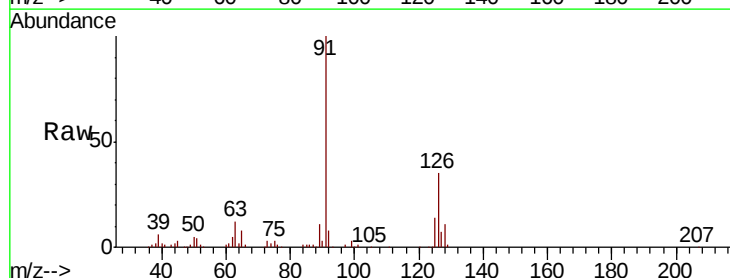
Acq: 21 Jun 2019 15:16

Tgt Ion: 91 Resp: 203104

Ion Ratio Lower Upper

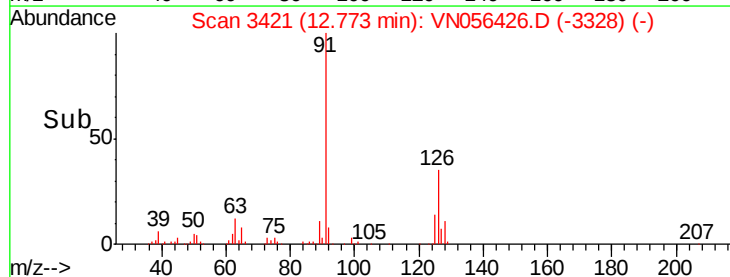
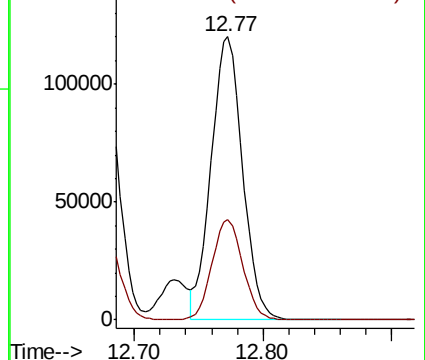
91 100

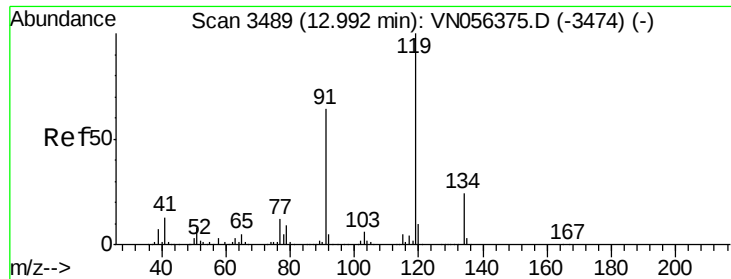
126 34.8 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 22.921 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampled :

VN0621WBS02

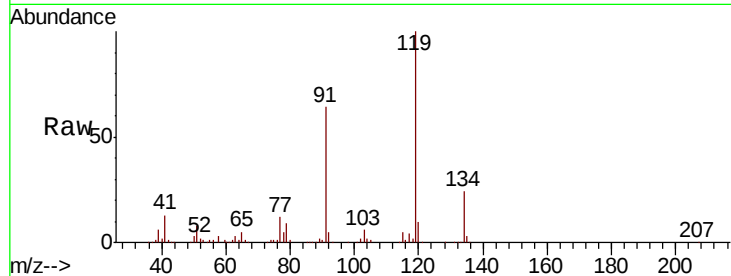
Tot Ion:119 Resp: 245324

Ion Ratio Lower Upper

119 100

91 63.3 31.6 94.7

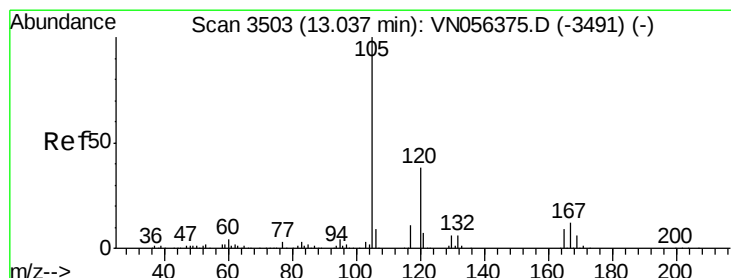
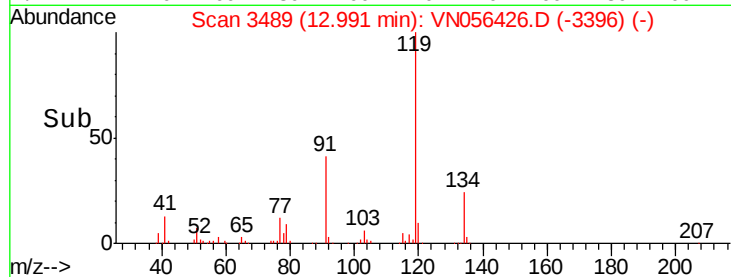
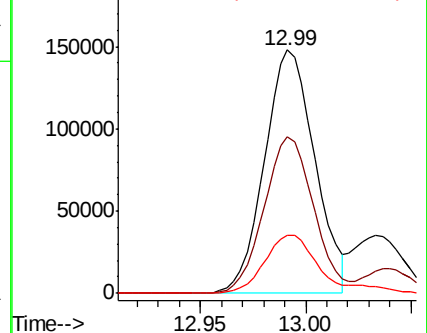
134 26.7 13.2 39.5



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: 20.837 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056426.D

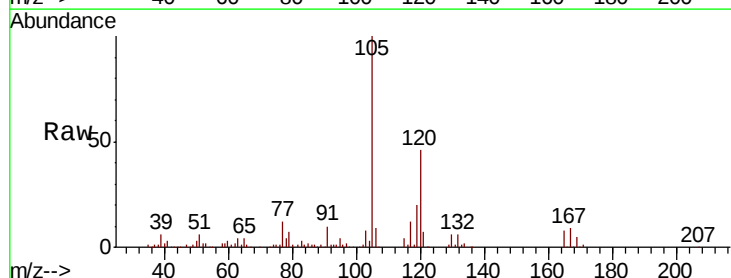
Acq: 21 Jun 2019 15:16

Tgt Ion:105 Resp: 257013

Ion Ratio Lower Upper

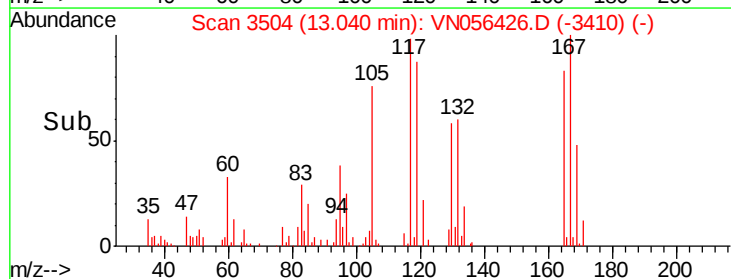
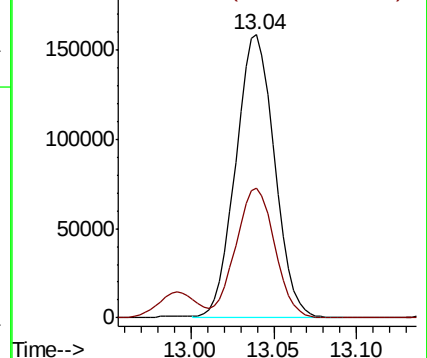
105 100

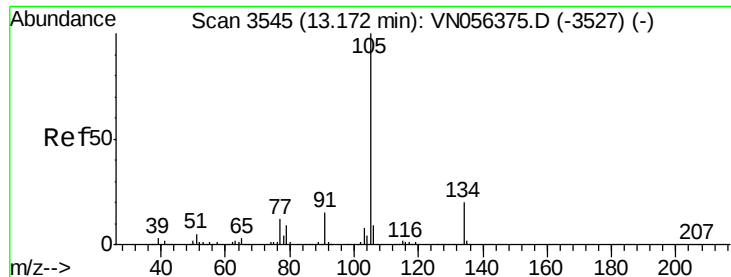
120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.156 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

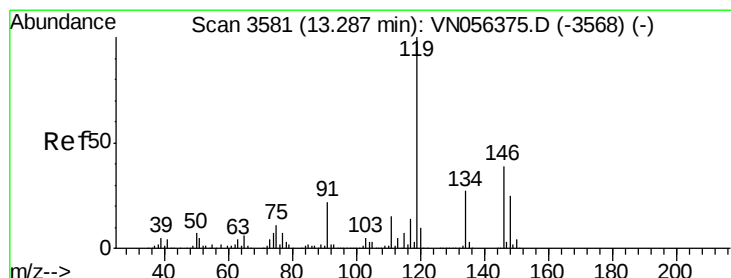
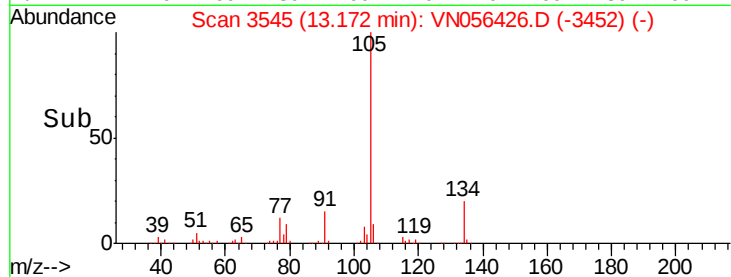
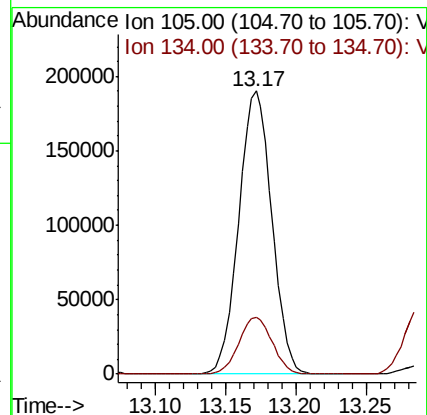
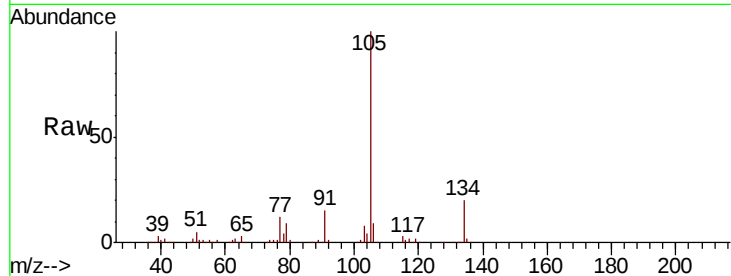
VN0621WBS02

Tot Ion:105 Resp: 312009

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.433 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

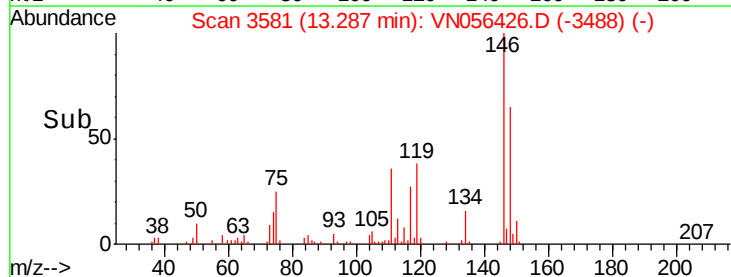
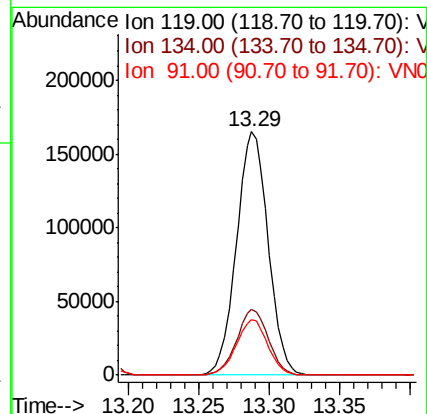
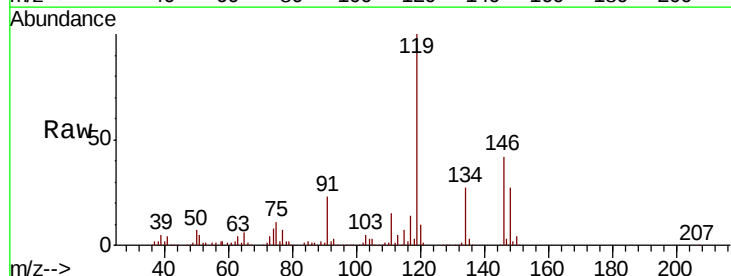
Tgt Ion:119 Resp: 258614

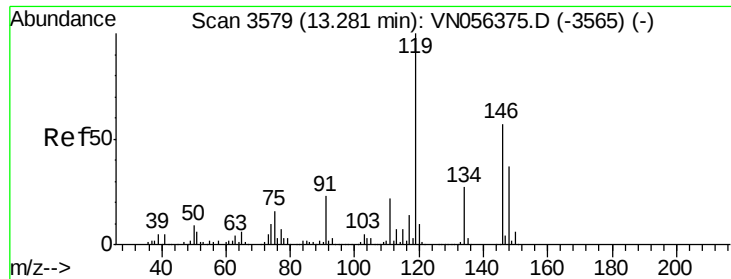
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.5 11.2 33.5

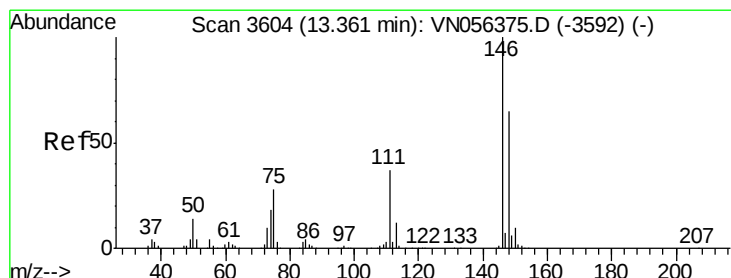
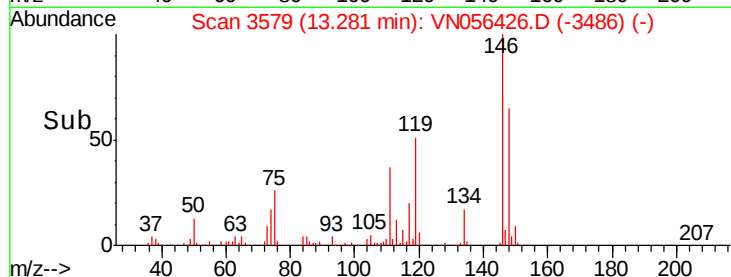
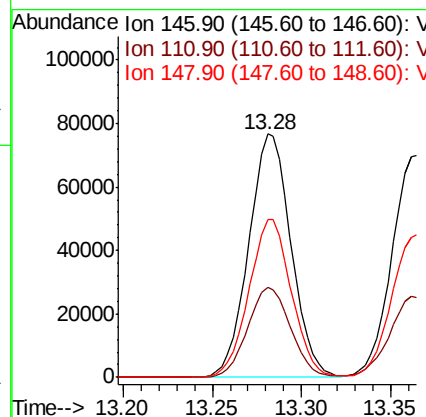
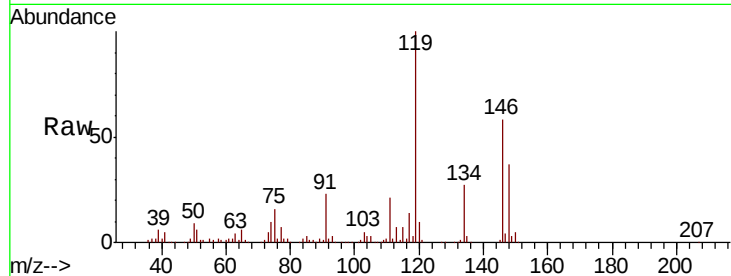




#87
 1,3-Dichlorobenzene
 Concen: 20.416 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

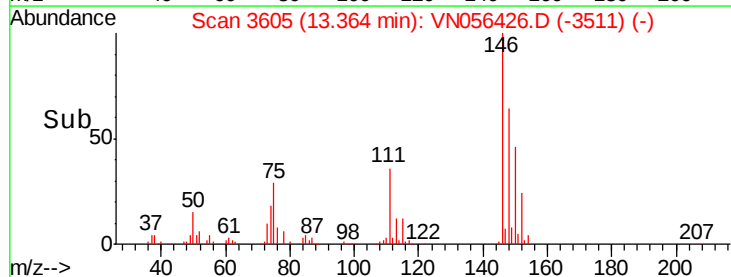
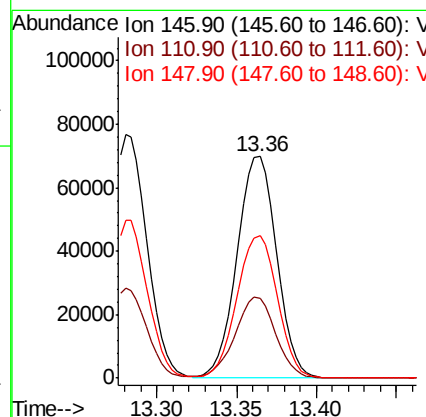
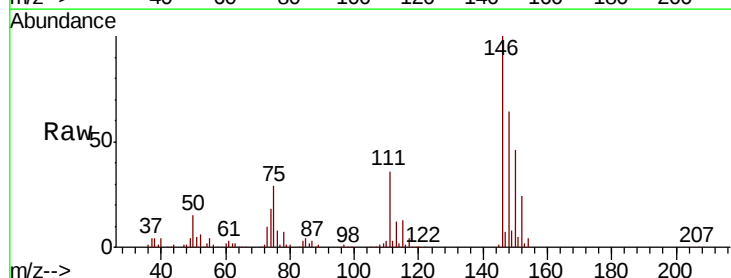
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

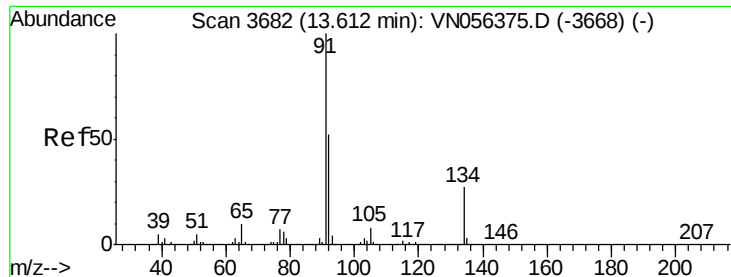
Tot Ion:146 Resp: 126754
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.9
 148 65.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.627 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Tgt Ion:146 Resp: 118015
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.4
 148 66.0 32.4 97.0





#89

n-Butylbenzene

Concen: 18.348 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

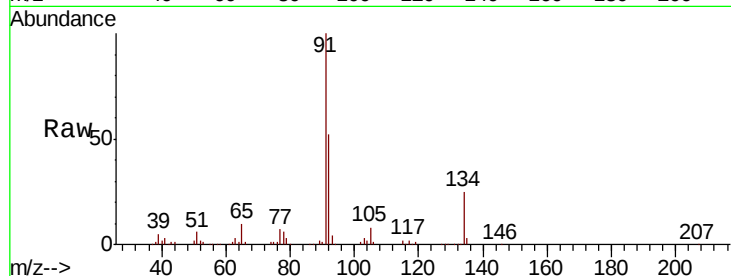
Tot Ion: 91 Resp: 175802

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

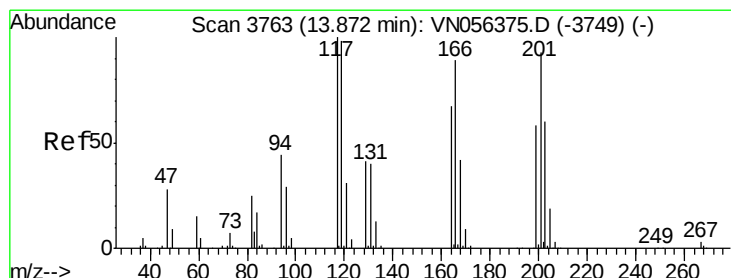
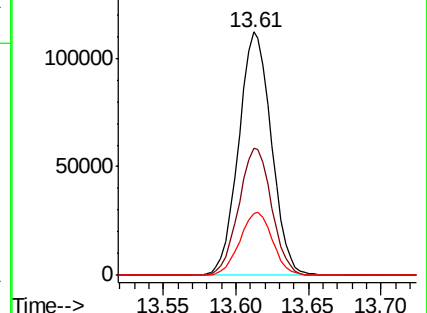
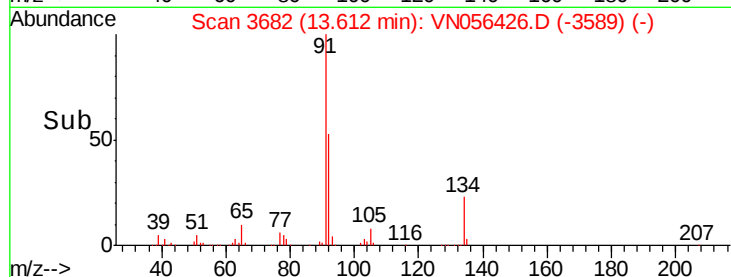
134 25.7 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)



#90

Hexachloroethane

Concen: 20.308 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056426.D

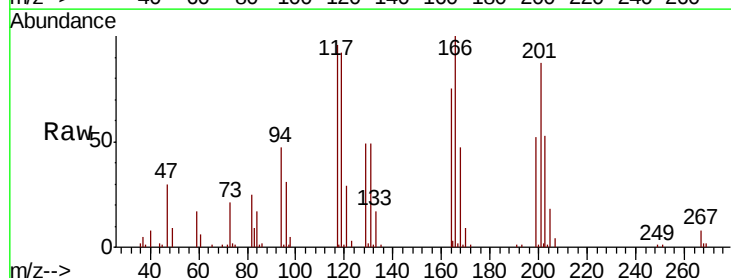
Acq: 21 Jun 2019 15:16

Tgt Ion: 117 Resp: 40073

Ion Ratio Lower Upper

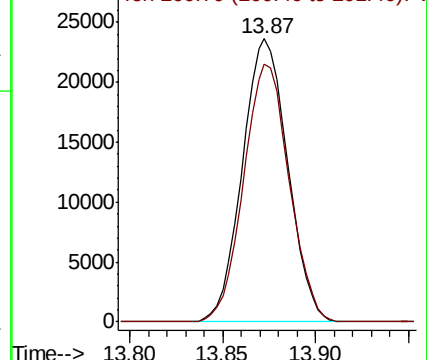
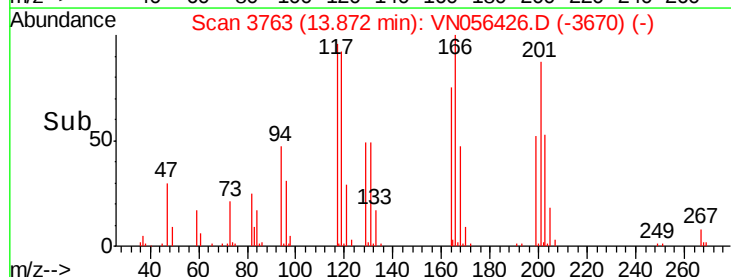
117 100

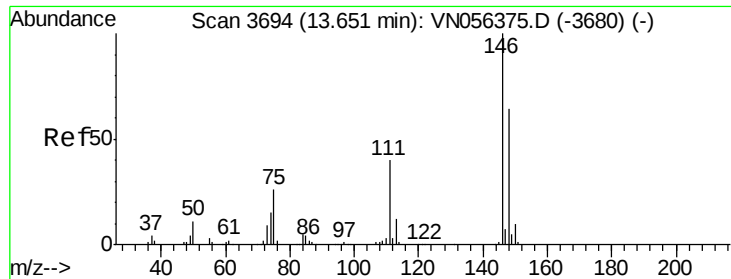
201 91.4 45.9 137.6



Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 21.174 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

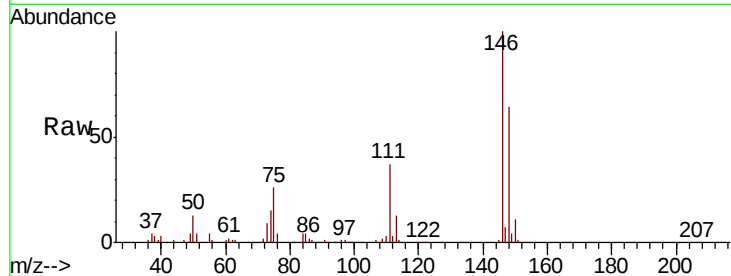
Tot Ion:146 Resp: 130428

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 63.6 32.0 96.0

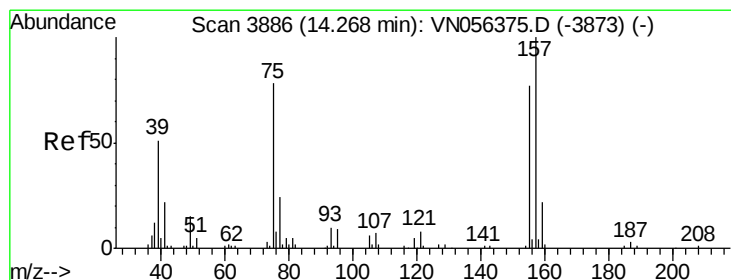
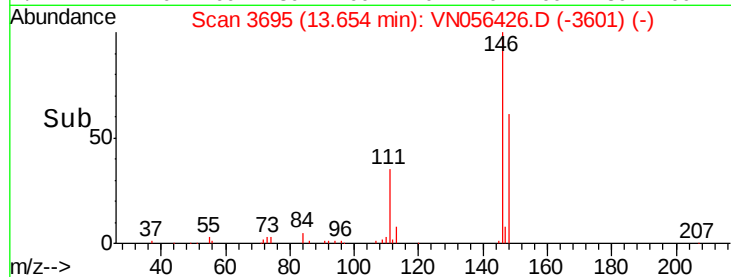
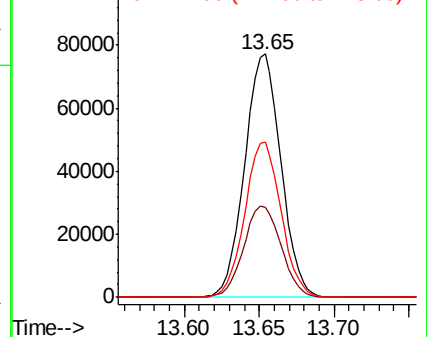


Abundance

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: 21.386 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

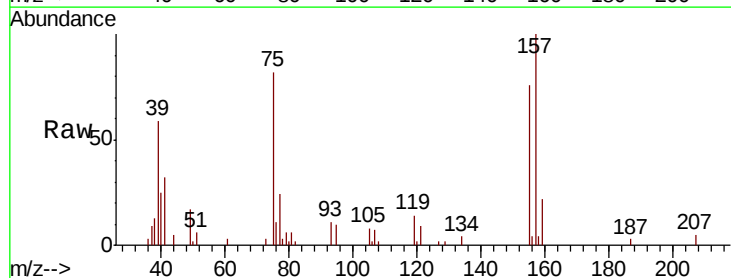
Tgt Ion: 75 Resp: 14499

Ion Ratio Lower Upper

75 100

155 95.3 48.9 146.8

157 121.3 62.9 188.8

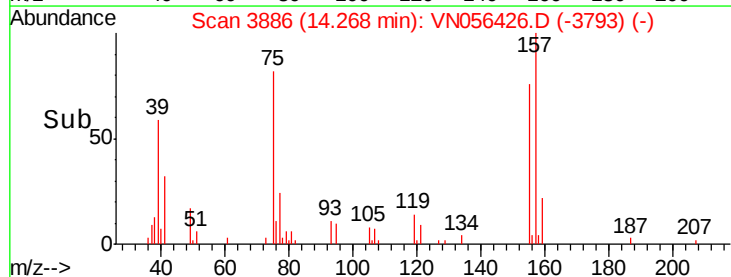
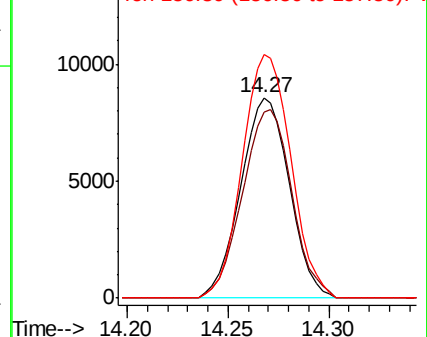


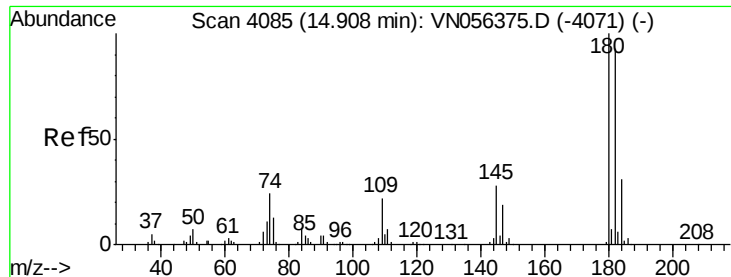
Abundance

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

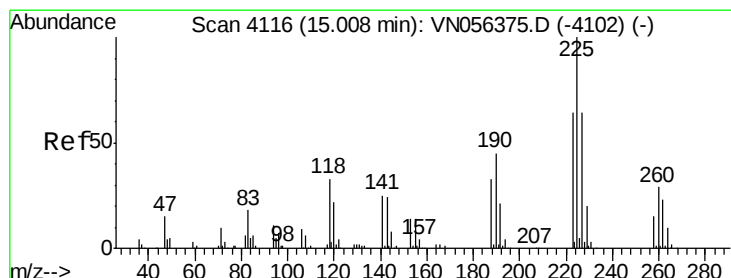
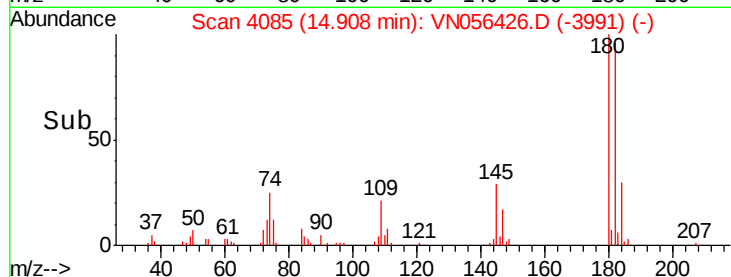
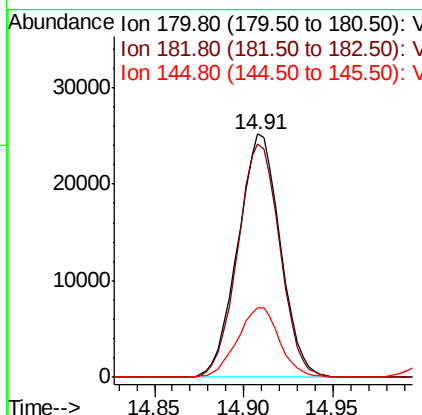
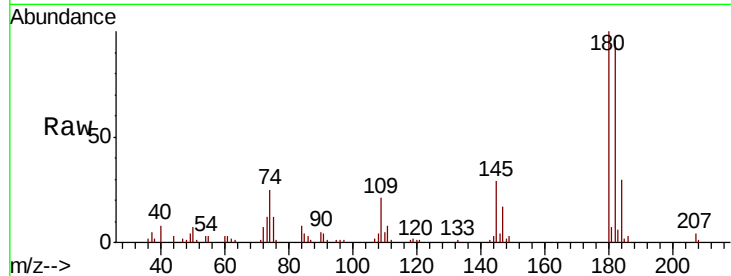




#93
 1,2,4-Trichlorobenzene
 Concen: 17.119 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

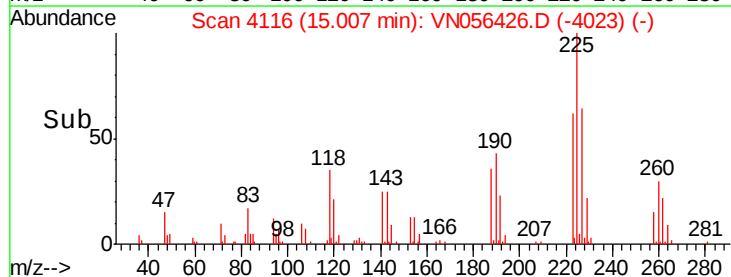
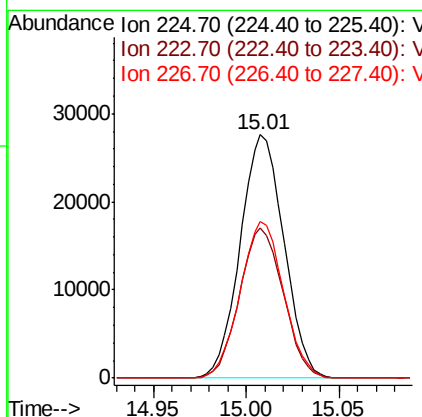
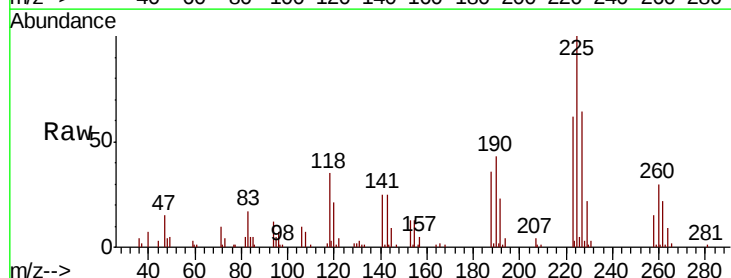
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

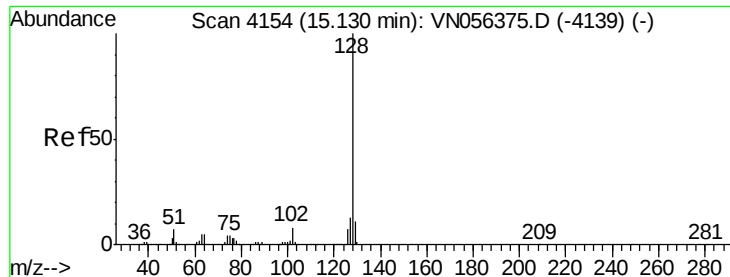
Tot Ion:180 Resp: 41573
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.9 140.6
 145 28.6 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 20.524 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056426.D
 Acq: 21 Jun 2019 15:16

Tgt Ion:225 Resp: 45156
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.4 94.3
 227 63.9 32.1 96.3





#95

Naphthalene

Concen: 18.348 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBS02

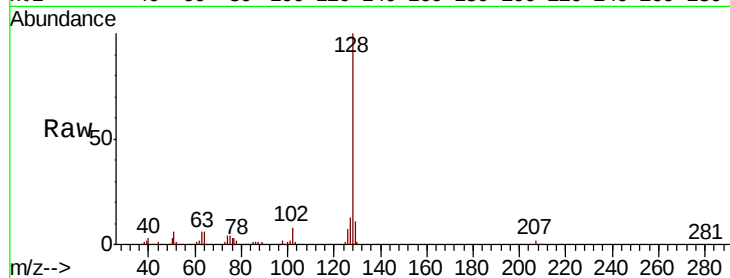
Tot Ion:128 Resp: 122731

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

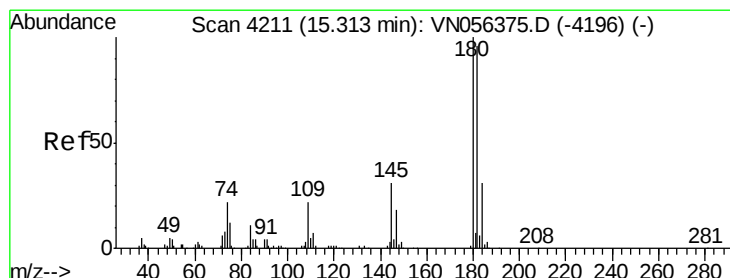
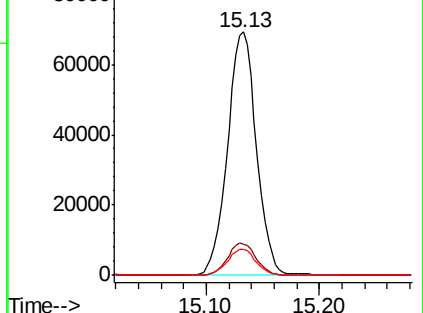
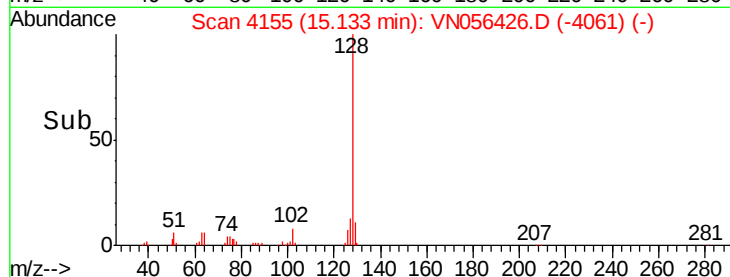
129 10.6 8.6 12.8



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: 18.342 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056426.D

Acq: 21 Jun 2019 15:16

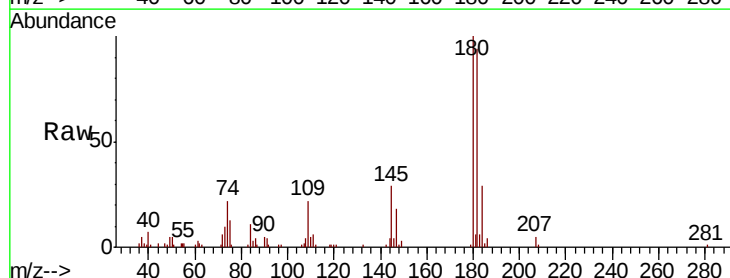
Tgt Ion:180 Resp: 50606

Ion Ratio Lower Upper

180 100

182 95.7 48.3 144.8

145 30.3 15.4 46.1



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

