

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060997.D
 Acq On : 16 Apr 2020 5:06
 Operator : JC/MD
 Sample : L2249-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:45:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

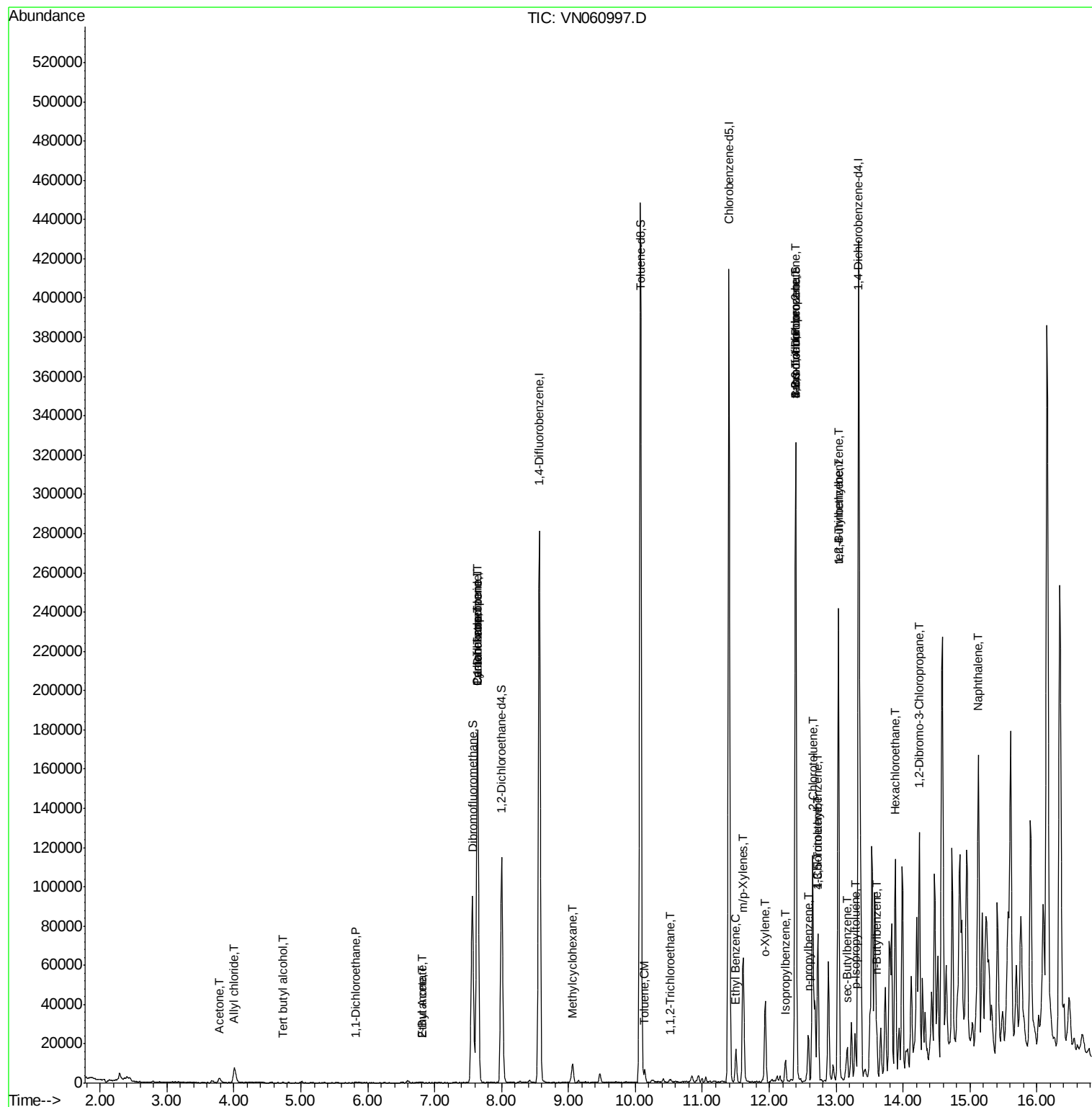
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	143792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	242903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	230151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96321	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	7.56	113	73288	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
50) Toluene-d8	10.08	98	304099	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.39	95	116537	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.72	59	163	0.561	ug/l #	72
14) Allyl chloride	4.01	41	855	0.312	ug/l #	73
16) Acetone	3.79	43	4490	6.422	ug/l	97
24) 1,1-Dichloroethane	5.81	63	798	0.253	ug/l #	85
25) 2-Butanone	6.81	43	621	0.549	ug/l #	50
31) Cyclohexane	7.63	56	4503	1.416	ug/l #	21
36) 1,1-Dichloropropene	7.64	75	11328	4.816	ug/l #	45
37) Ethyl Acetate	6.81	43	621	0.244	ug/l #	70
38) Carbon Tetrachloride	7.64	117	14022	6.652	ug/l #	16
39) Methylcyclohexane	9.06	83	4325	1.547	ug/l	93
52) Toluene	10.14	92	2690	0.627	ug/l	96
55) 1,1,2-Trichloroethane	10.52	97	502	0.304	ug/l #	14
67) Ethyl Benzene	11.50	91	12486	1.472	ug/l	100
68) m/p-Xylenes	11.61	106	20190	6.404	ug/l	94
69) o-Xylene	11.94	106	10901	3.622	ug/l	96
71) Bromoform	12.39	173	582	2.090	ug/l #	1
73) Isopropylbenzene	12.24	105	8182	0.993	ug/l	98
76) 1,2,3-Trichloropropane	12.39	75	59429	25.095	ug/l #	100
78) n-propylbenzene	12.58	91	20589	2.116	ug/l	97
79) 2-Chlorotoluene	12.65	91	9134	1.571	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	38691	5.536	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	59429	64.450	ug/l #	13
82) 4-Chlorotoluene	12.72	91	4236	0.715	ug/l #	42
83) tert-Butylbenzene	13.03	119	16444	2.838	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.03	105	136966	19.807	ug/l	99
85) sec-Butylbenzene	13.17	105	10933	1.403	ug/l	87
86) p-Isopropyltoluene	13.28	119	11871	1.694	ug/l	98
89) n-Butylbenzene	13.61	91	10698	1.691	ug/l #	74
90) Hexachloroethane	13.88	117	4765	4.679	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.24	75	491	0.677	ug/l #	3
95) Naphthalene	15.13	128	115256	18.643	ug/l	98

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

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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

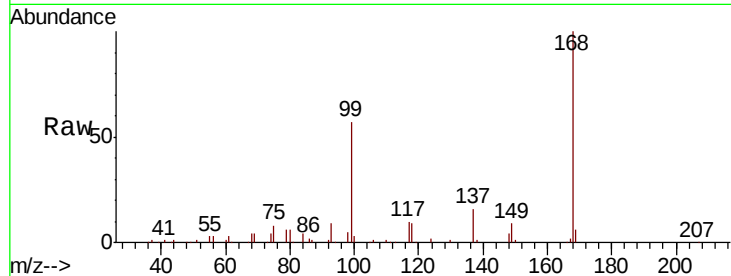
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 143792

Ion Ratio Lower Upper

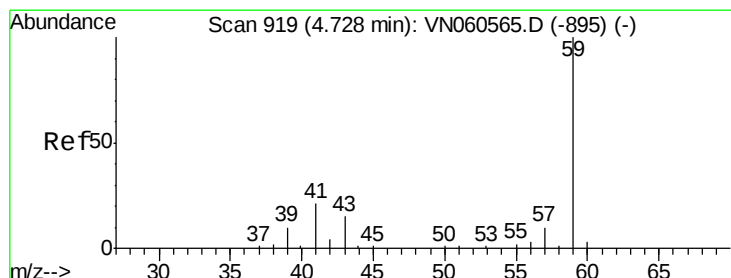
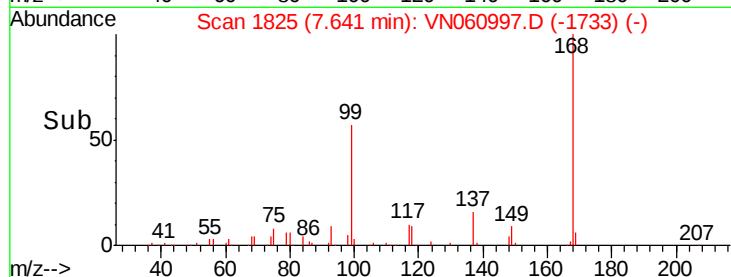
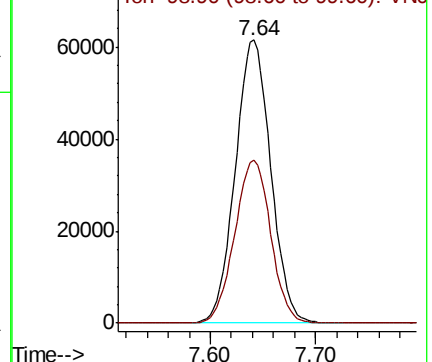
168 100

99 57.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.561 ug/l

RT: 4.72 min Scan# 918

Delta R.T. -0.00 min

Lab File: VN060997.D

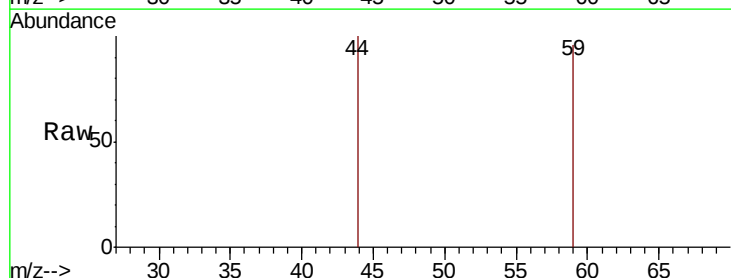
Acq: 16 Apr 2020 5:06

Tgt Ion: 59 Resp: 163

Ion Ratio Lower Upper

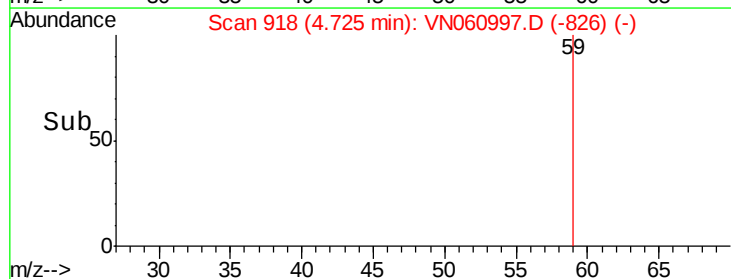
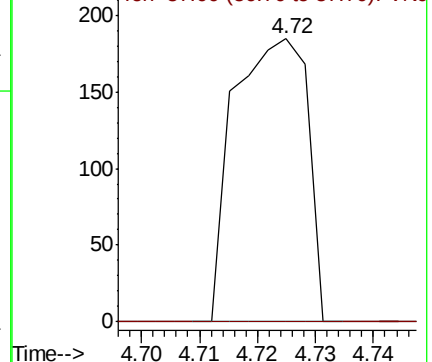
59 100

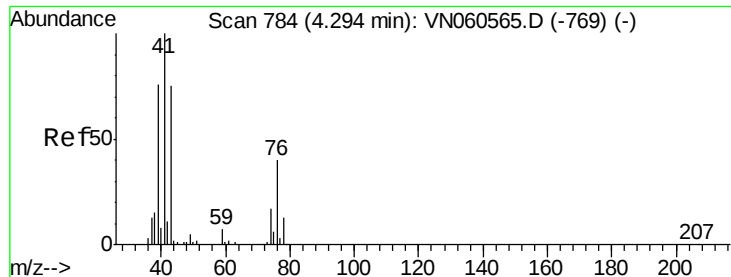
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

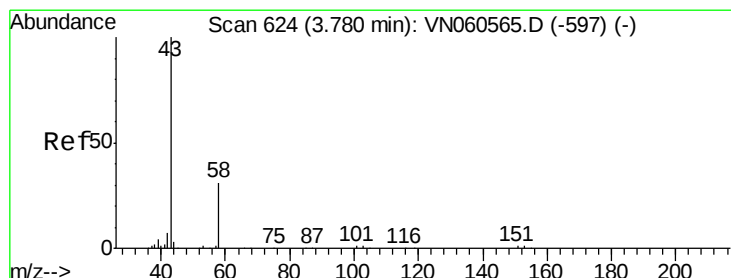
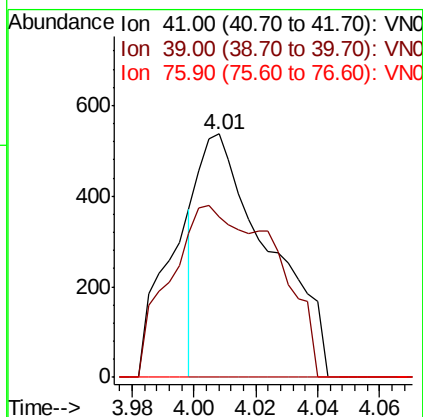
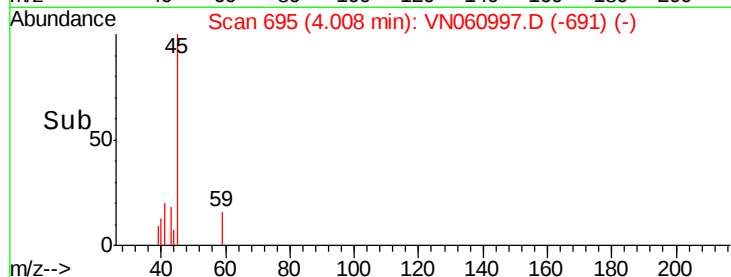
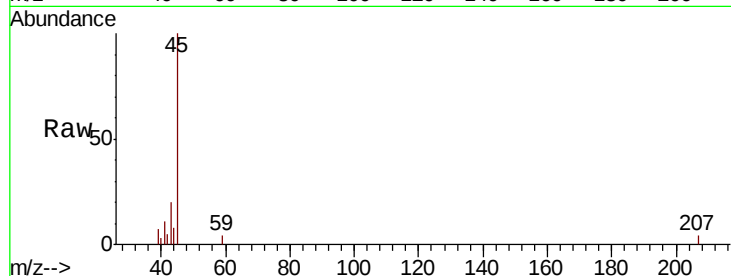




#14
Allvl chloride
Concen: 0.312 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.29 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

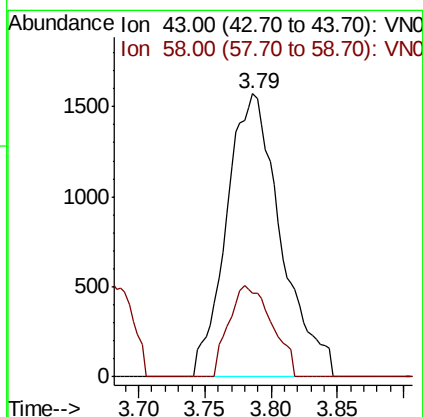
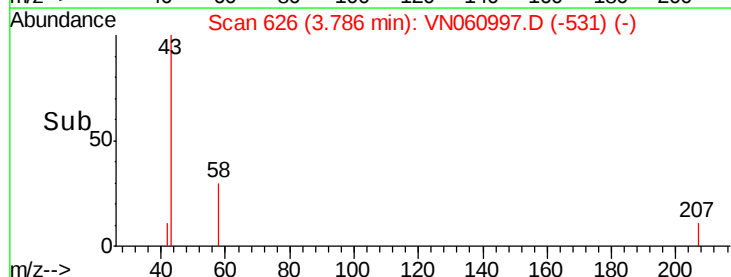
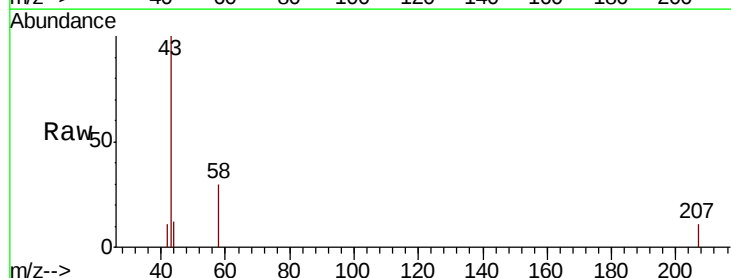
Instrument :
MSVOA_N
ClientSampled :

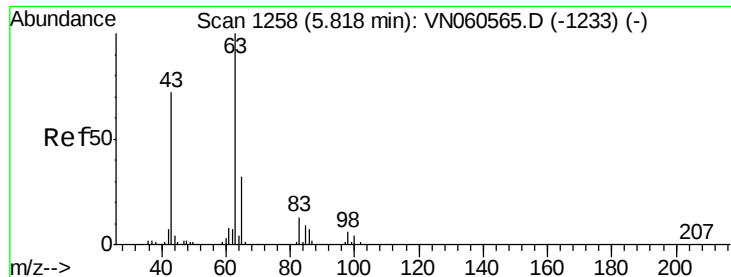
Tot Ion: 41 Resp: 855
Ion Ratio Lower Upper
41 100
39 80.4 57.8 86.8
76 0.0 28.6 43.0#



#16
Acetone
Concen: 6.422 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion: 43 Resp: 4490
Ion Ratio Lower Upper
43 100
58 29.6 25.1 37.7





#24

1,1-Dichloroethane

Concen: 0.253 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampleId :

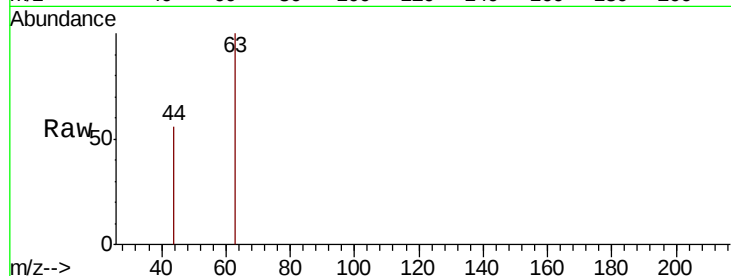
Tot Ion: 63 Resp: 798

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.7#

100 0.0 1.8 5.5#



Abundance Ion 62.90 (62.60 to 63.60): VN060997.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN060997.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN060997.D (-1233) (-)

5.81

300

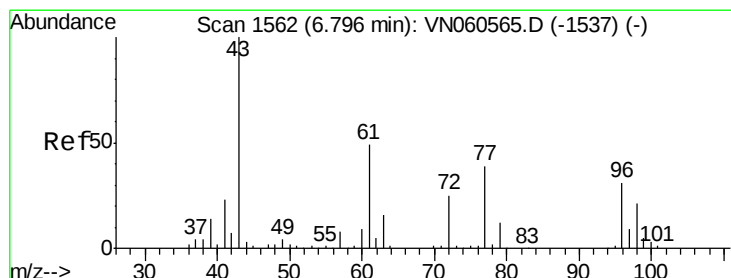
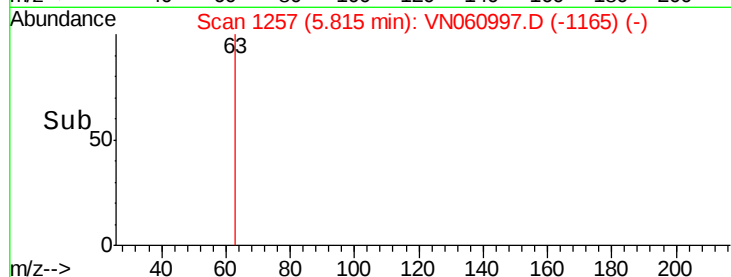
200

100

0

5.80 5.85

Time-->



#25

2-Butanone

Concen: 0.549 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN060997.D

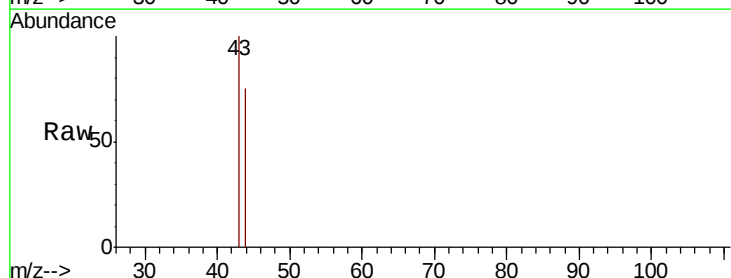
Acq: 16 Apr 2020 5:06

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



Abundance Ion 43.00 (42.70 to 43.70): VN060997.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN060997.D (-1537) (-)

6.81

250

200

150

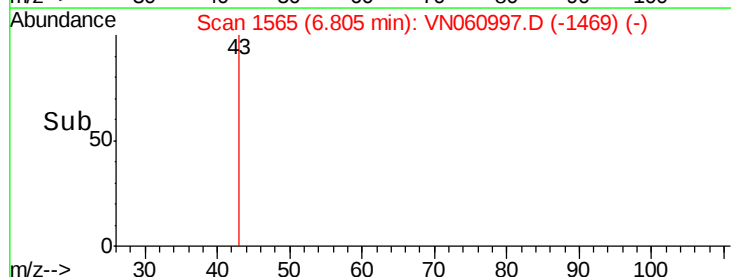
100

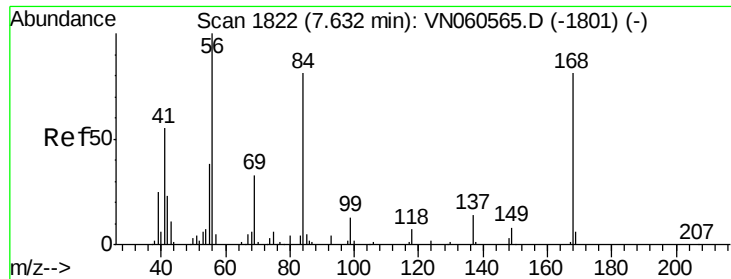
50

0

6.75 6.80 6.85

Time-->

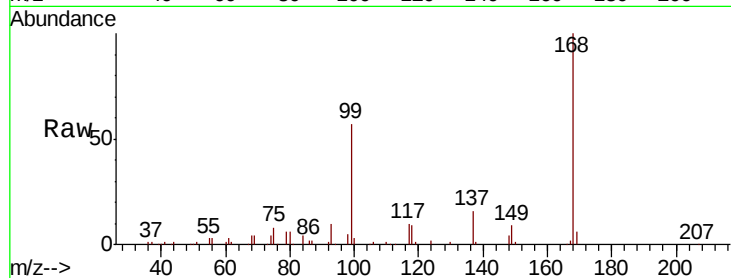




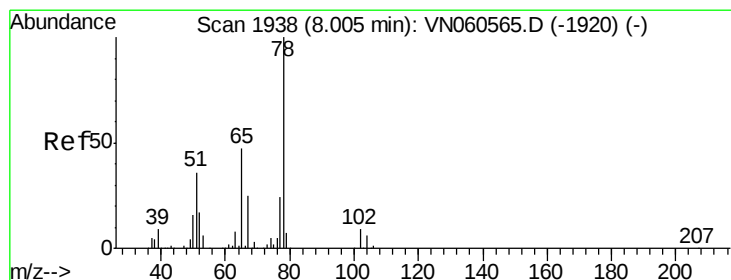
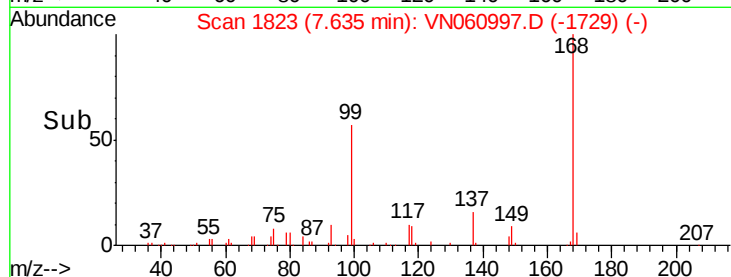
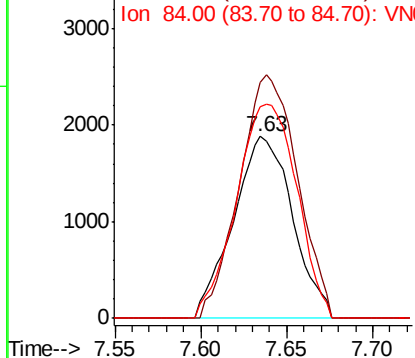
#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 4503
Ion Ratio Lower Upper
56 100
69 129.9 26.6 40.0#
84 116.4 64.3 96.5#

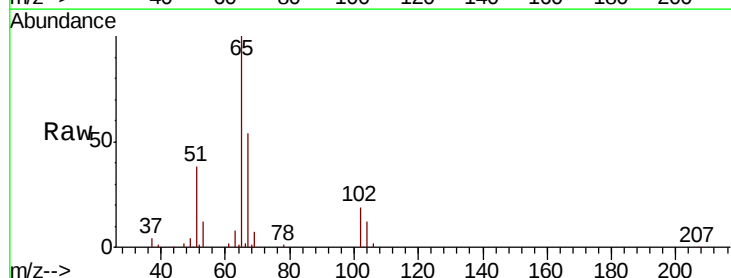


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

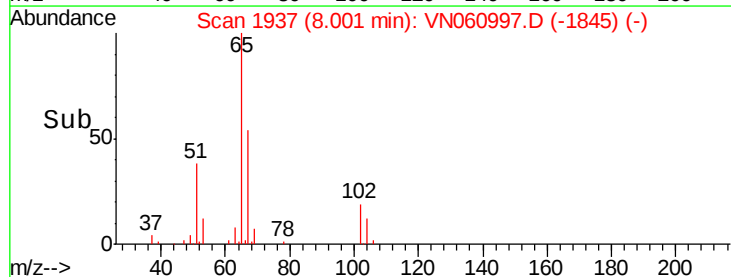
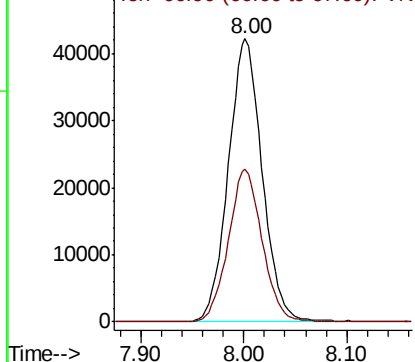


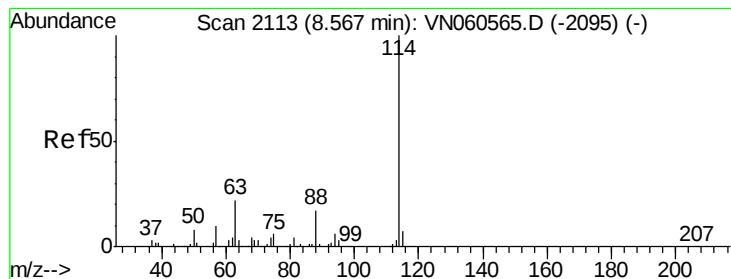
#33
1,2-Dichloroethane-d4
Concen: 48.796 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion: 65 Resp: 96321
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampled :

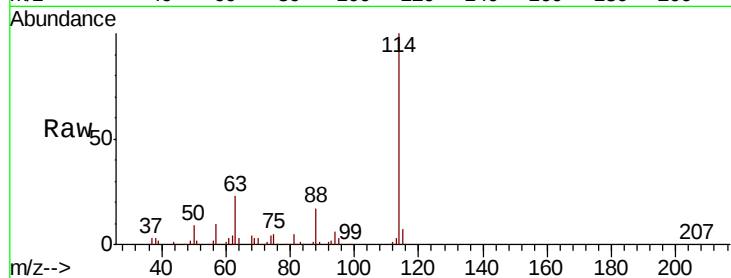
Tot Ion:114 Resp: 242903

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.8

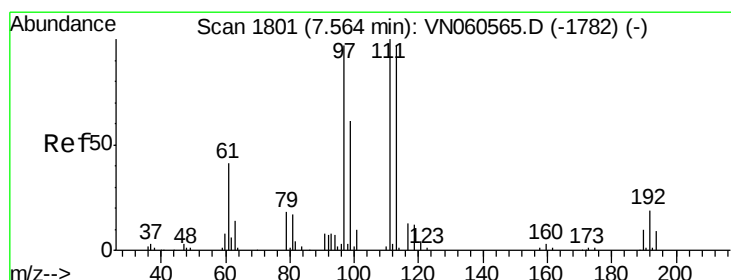
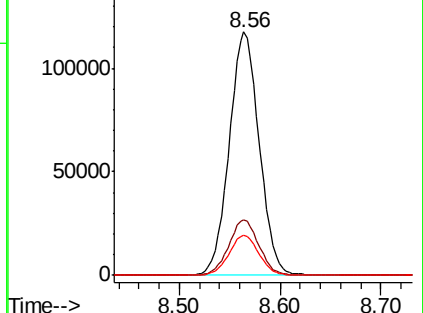
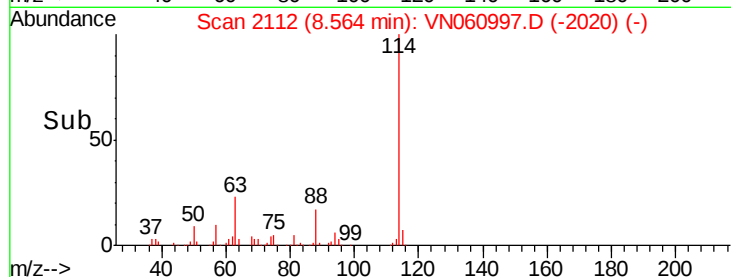
88 16.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.898 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

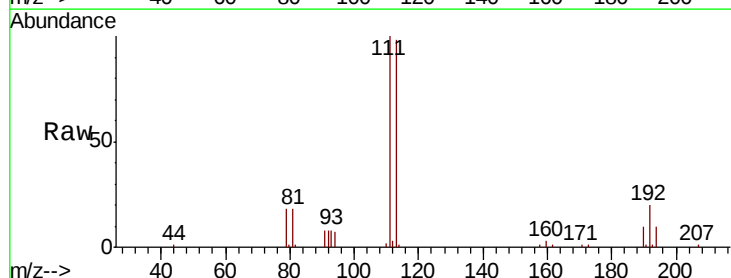
Tgt Ion:113 Resp: 73288

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

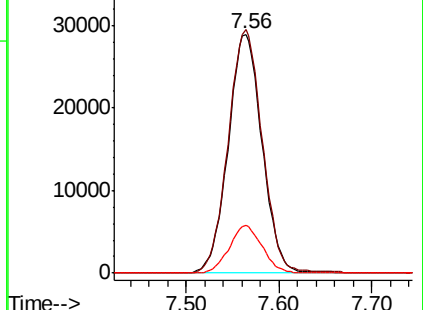
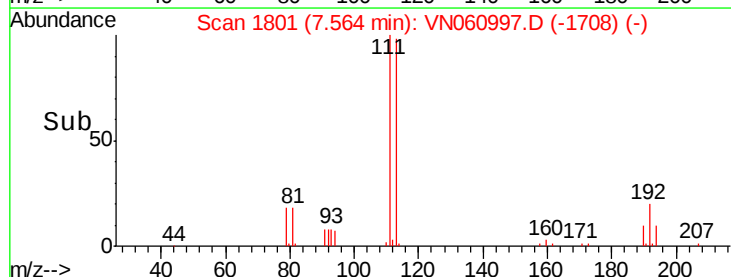
192 19.2 15.8 23.8

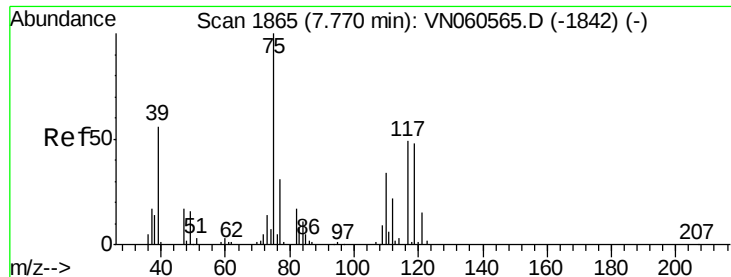


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

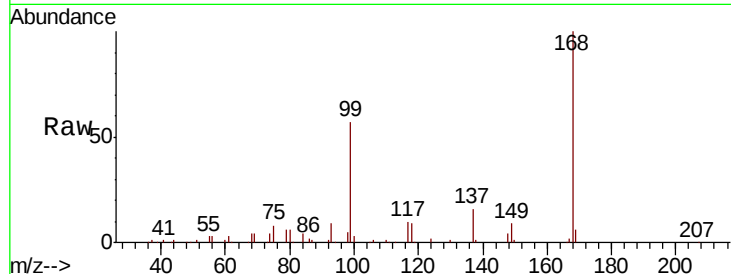




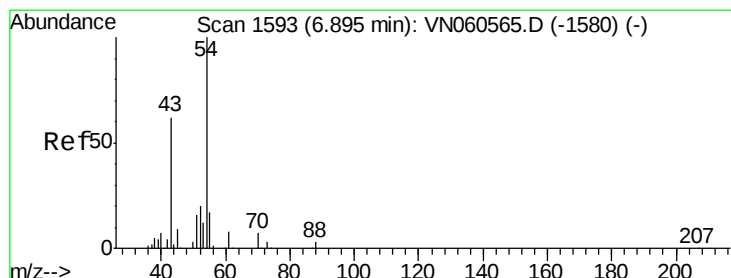
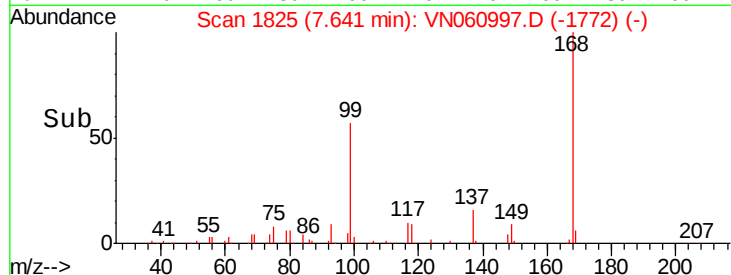
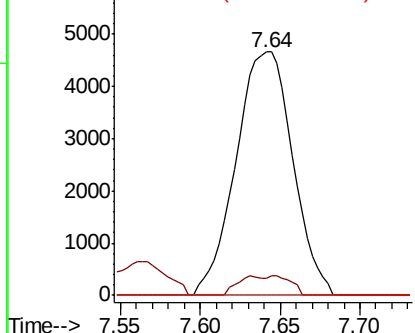
#36
 1,1-Dichloropropene
 Concen: 4.816 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	3.4	16.9	50.6#
77	0.0	24.6	36.8#

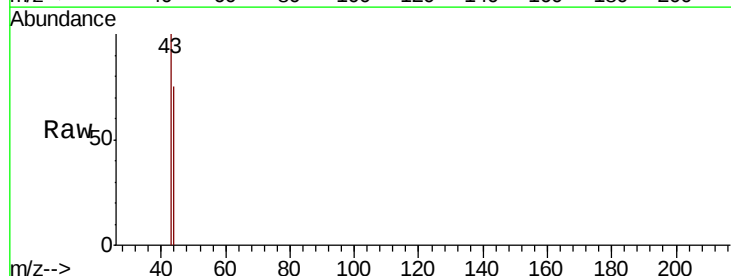


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

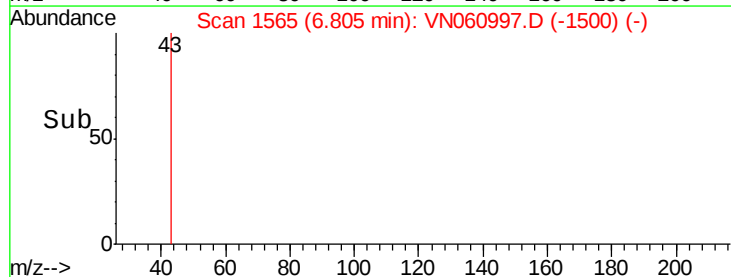
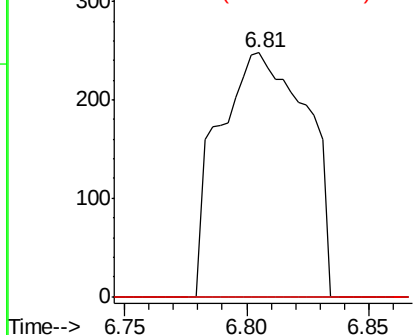


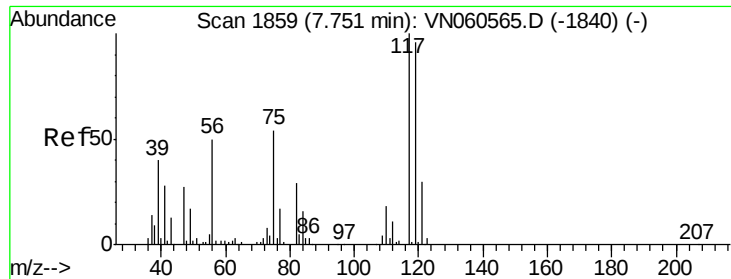
#37
 Ethyl Acetate
 Concen: 0.244 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.09 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	7.9	11.9#



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





#38

Carbon Tetrachloride

Concen: 6.652 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.11 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampled :

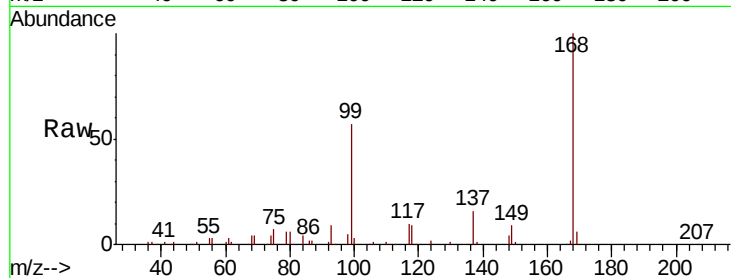
Tot Ion:117 Resp: 14022

Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.2#

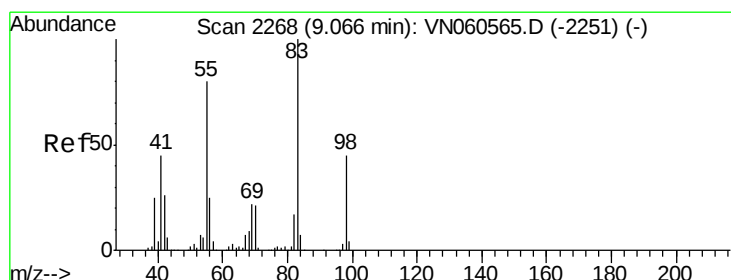
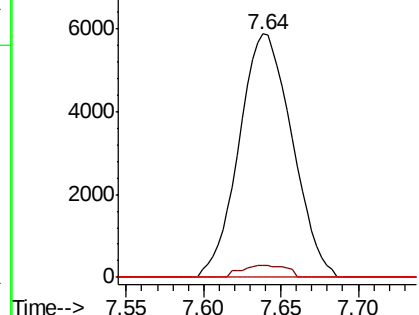
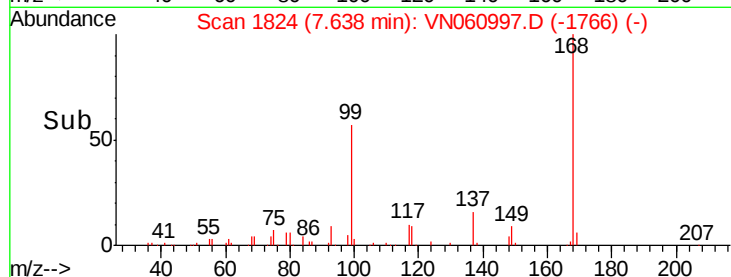
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.547 ug/l

RT: 9.06 min Scan# 2267

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

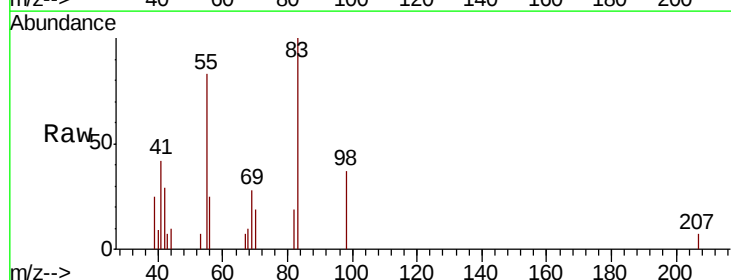
Tgt Ion: 83 Resp: 4325

Ion Ratio Lower Upper

83 100

55 83.5 63.6 95.4

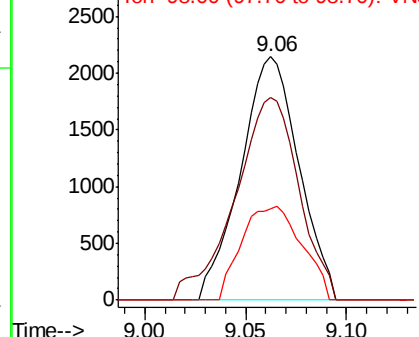
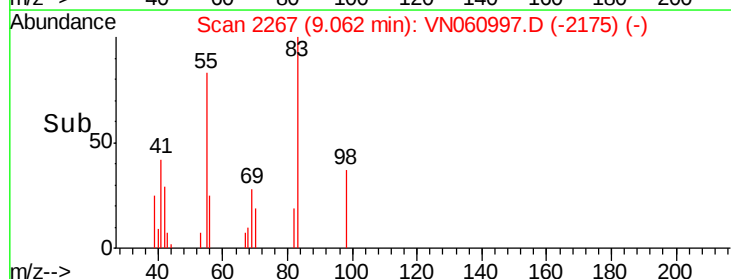
98 37.5 36.0 54.0

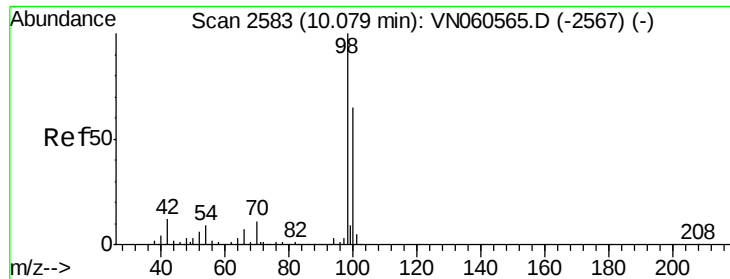


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

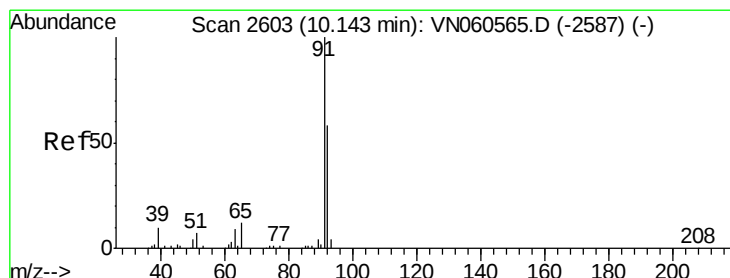
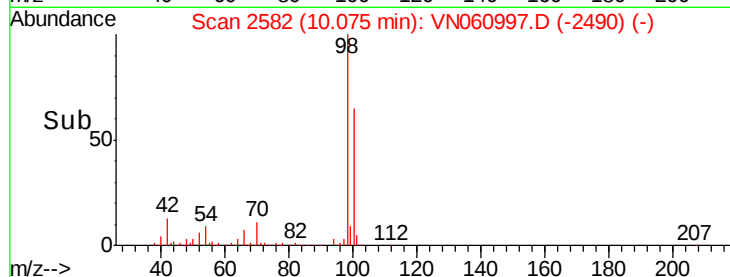
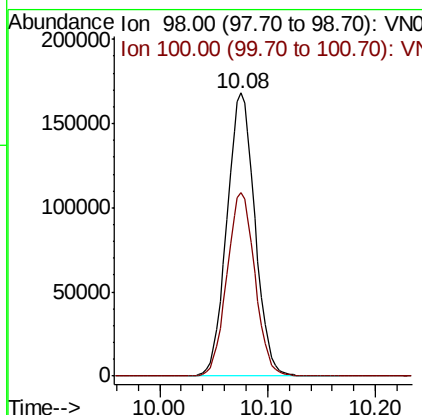
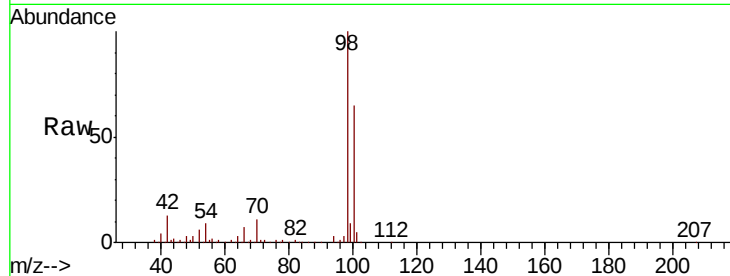




#50
Toluene-d8
Concen: 50.689 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

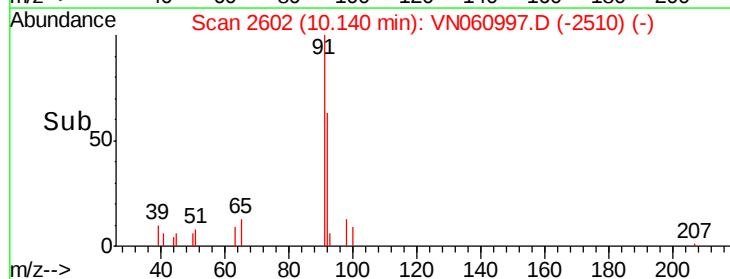
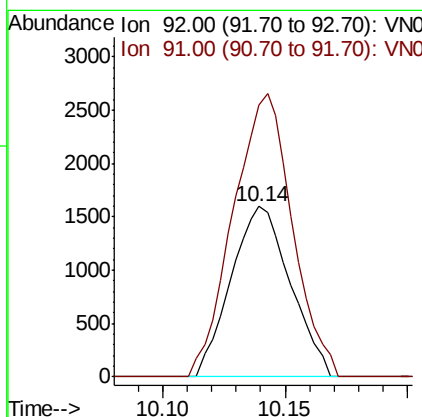
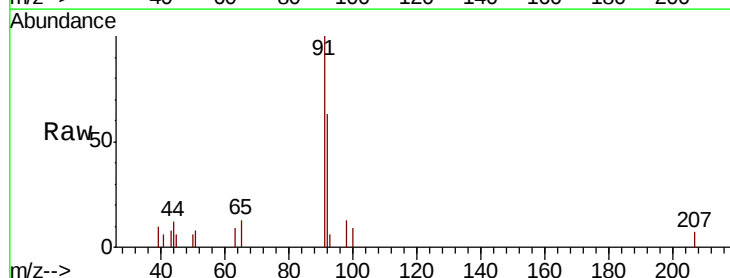
Instrument :
MSVOA_N
ClientSampleId :

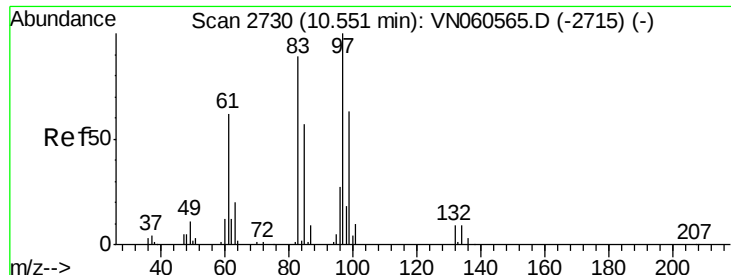
Tot Ion: 98 Resp: 304099
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8



#52
Toluene
Concen: 0.627 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion: 92 Resp: 2690
Ion Ratio Lower Upper
92 100
91 166.0 137.6 206.4





#55

1,1,2-Trichloroethane

Concen: 0.304 ug/l

RT: 10.52 min Scan# 2719

Delta R.T. -0.04 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 502

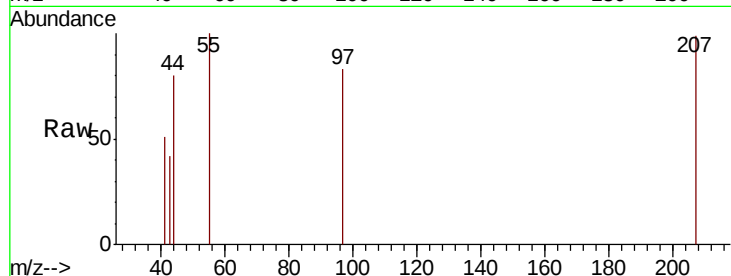
Ion Ratio Lower Upper

97 100

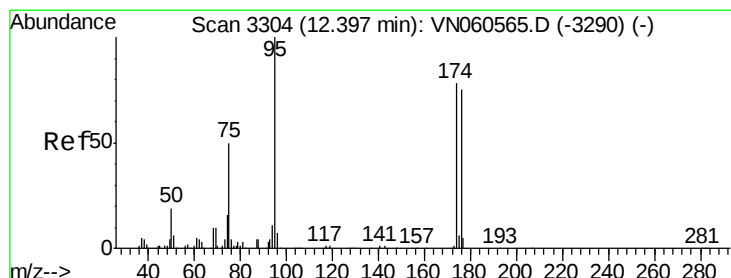
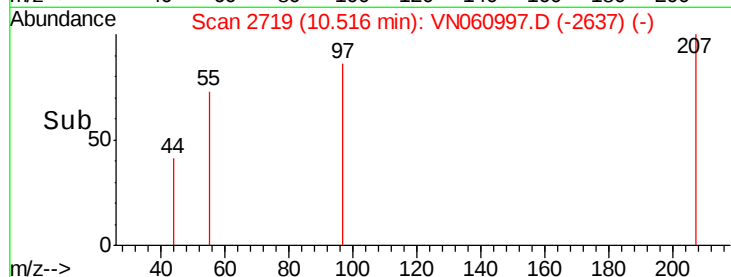
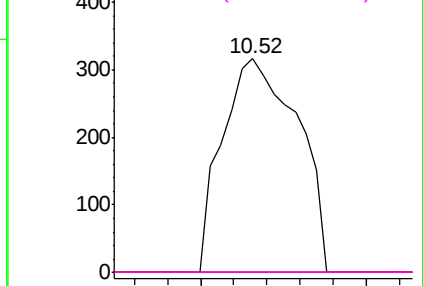
83 0.0 71.3 106.9#

85 0.0 45.2 67.8#

99 0.0 50.1 75.1#



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



#62

4-Bromofluorobenzene

Concen: 53.004 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

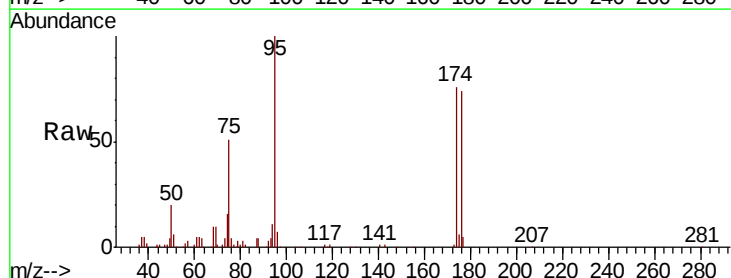
Tgt Ion: 95 Resp: 116537

Ion Ratio Lower Upper

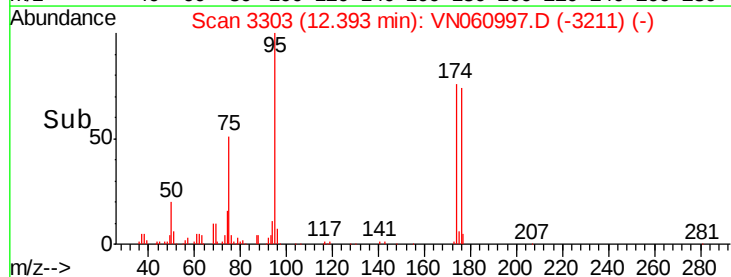
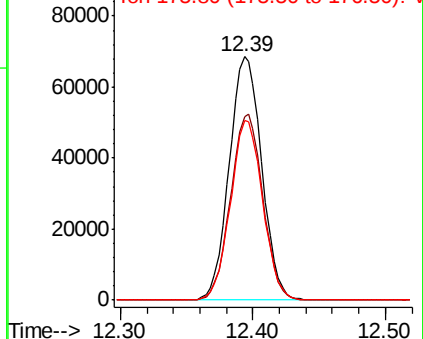
95 100

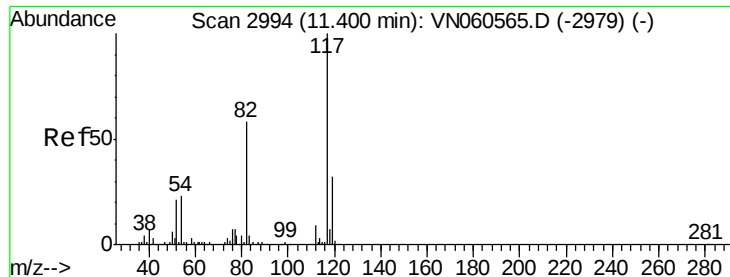
174 75.7 0.0 157.6

176 73.0 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VNO
Ion 173.80 (173.50 to 174.50): VNO
Ion 175.80 (175.50 to 176.50): VNO

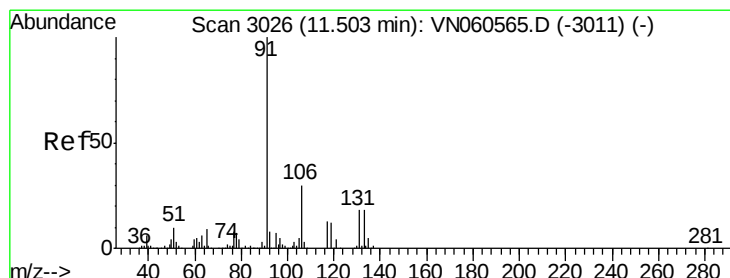
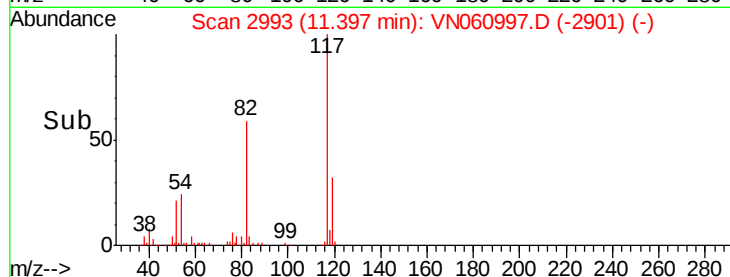
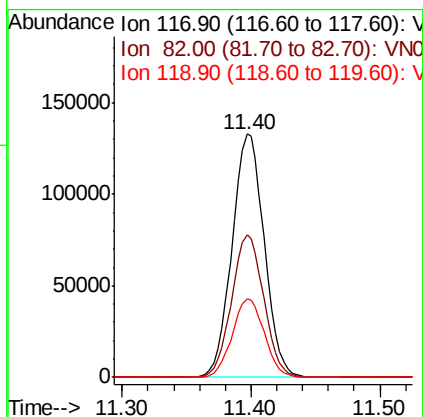
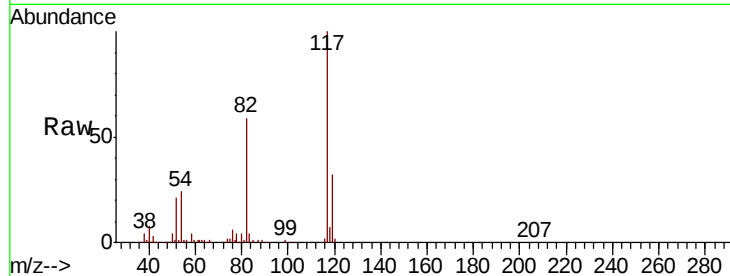




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

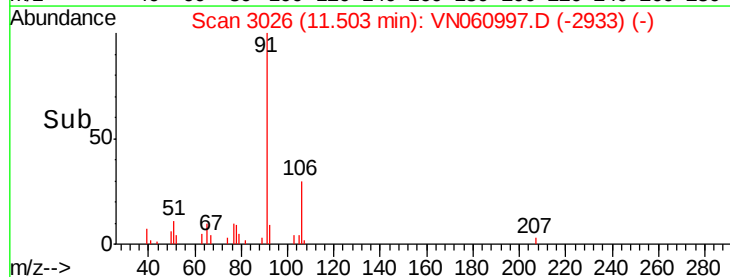
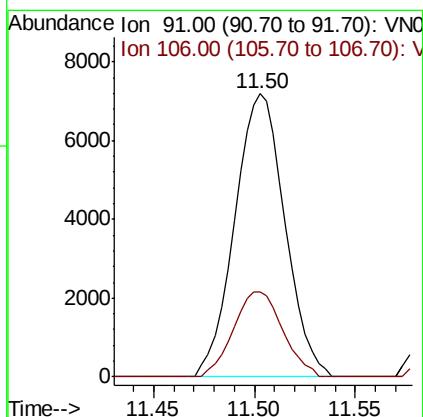
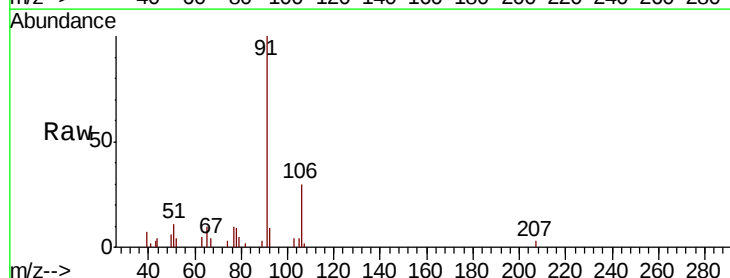
Instrument :
MSVOA_N
ClientSampleId :

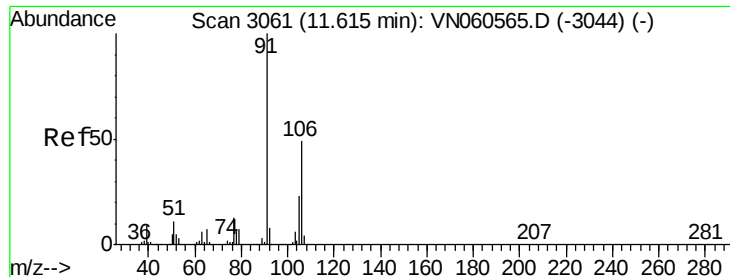
Tot Ion:117 Resp: 230151
Ion Ratio Lower Upper
117 100
82 58.7 46.7 70.1
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 1.472 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion: 91 Resp: 12486
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

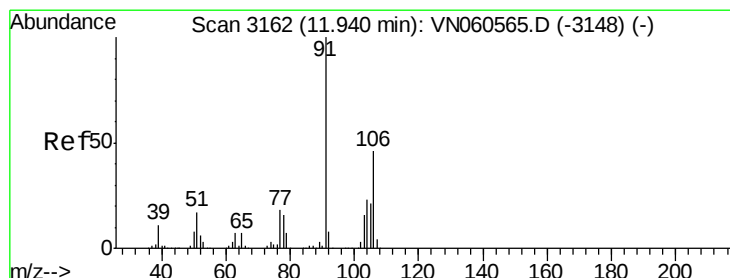
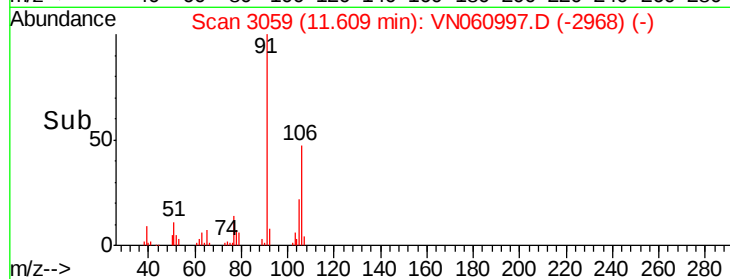
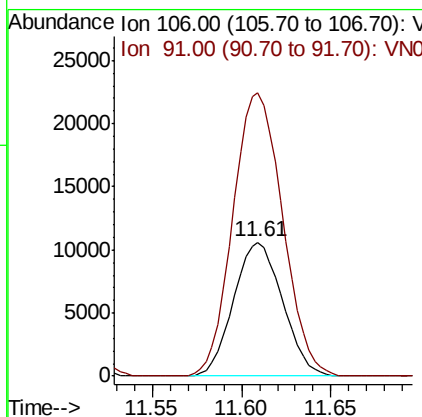
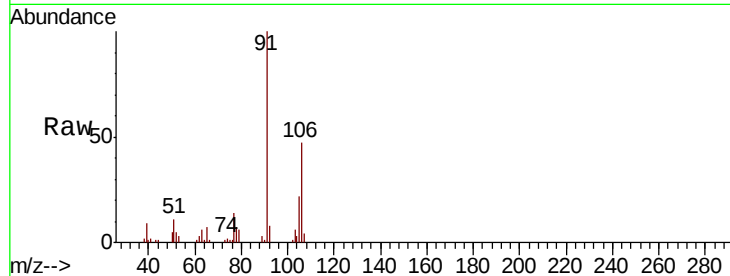




#68
m/p-Xylenes
Concen: 6.404 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

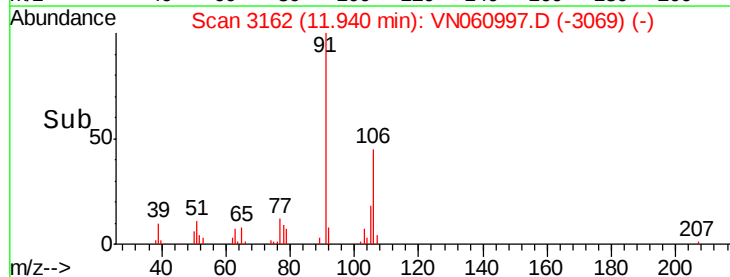
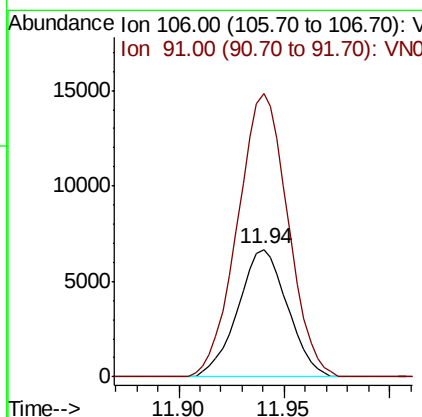
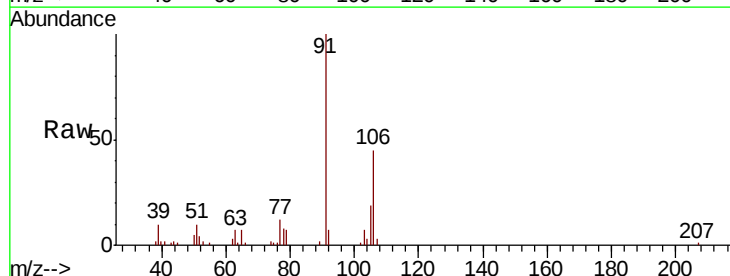
Instrument :
MSVOA_N
ClientSampled :

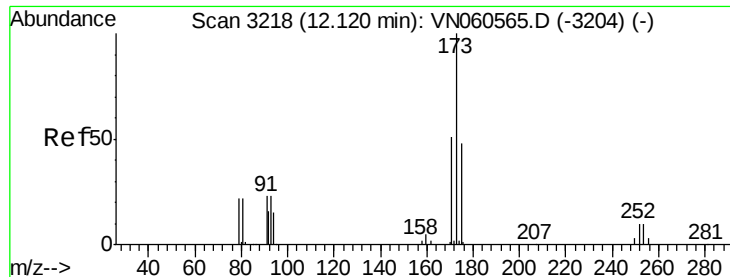
Tot Ion:106 Resp: 20190
Ion Ratio Lower Upper
106 100
91 216.0 165.0 247.4



#69
o-Xylene
Concen: 3.622 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion:106 Resp: 10901
Ion Ratio Lower Upper
106 100
91 225.6 109.5 328.4





#71

Bromoform

Concen: 2.090 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

ClientSampled :

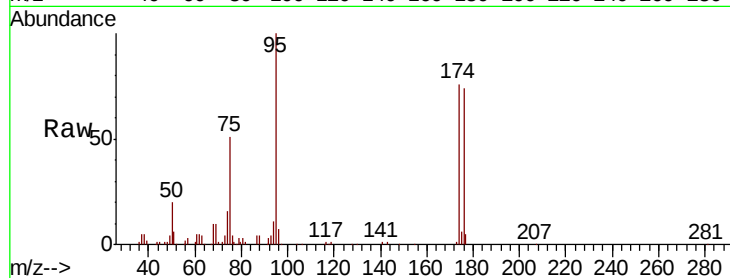
Tot Ion:173 Resp: 582

Ion Ratio Lower Upper

173 100

175 996.7 24.1 72.4#

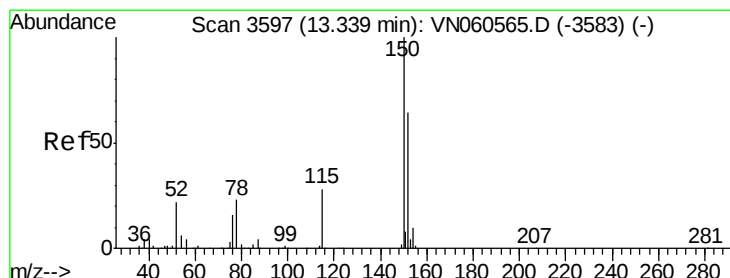
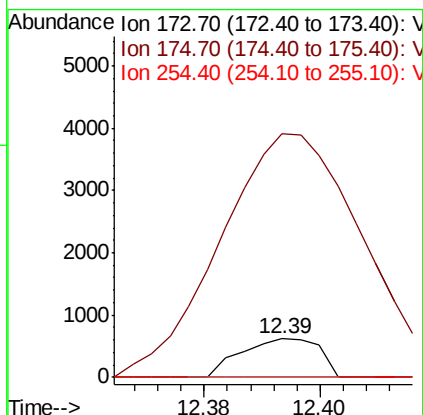
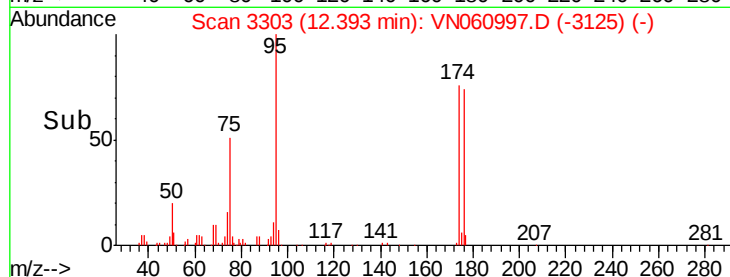
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

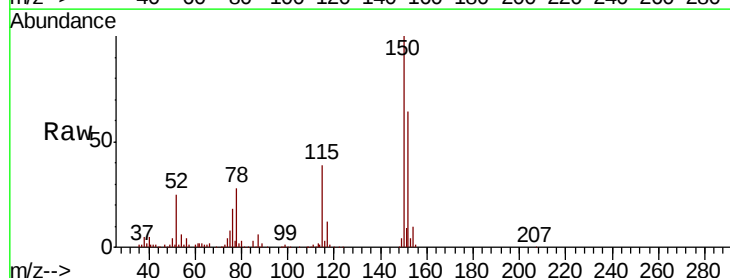
Tgt Ion:152 Resp: 109751

Ion Ratio Lower Upper

152 100

115 63.4 30.2 90.6

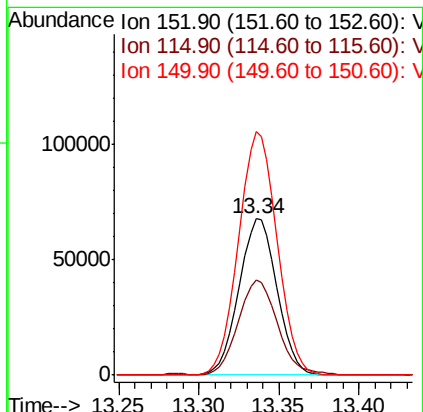
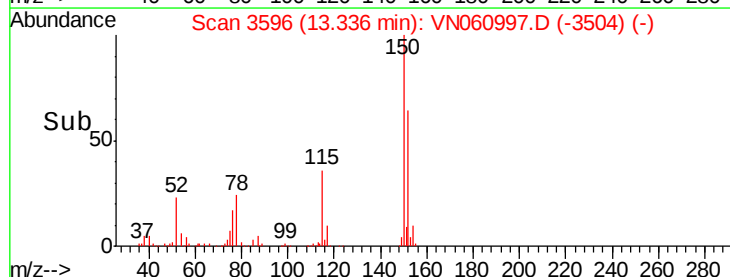
150 157.3 0.0 350.2

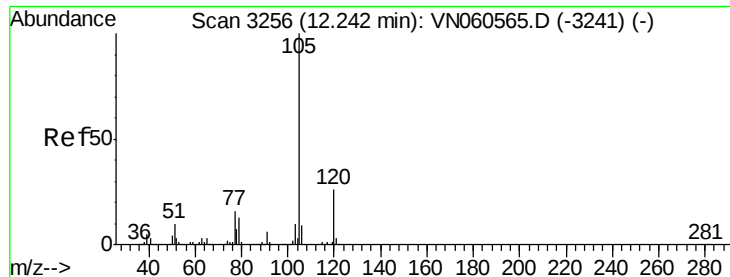


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.993 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

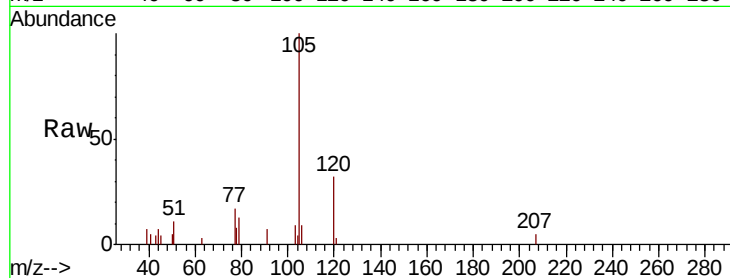
ClientSampled :

Tot Ion: 105 Resp: 8182

Ion Ratio Lower Upper

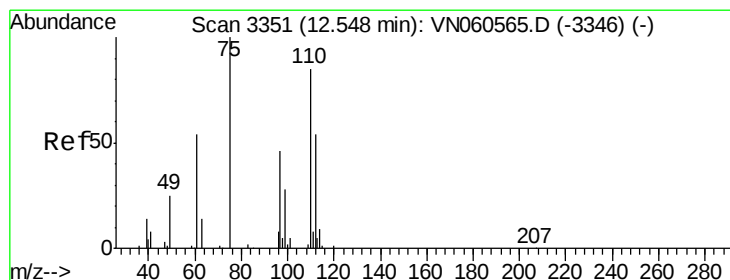
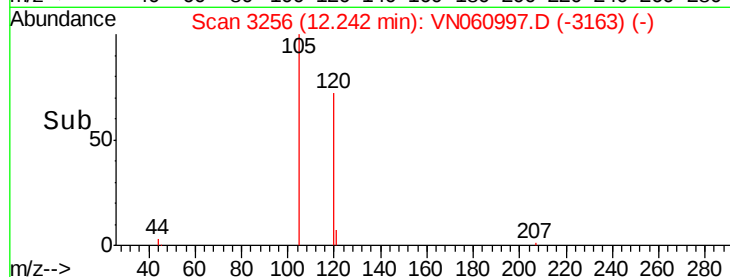
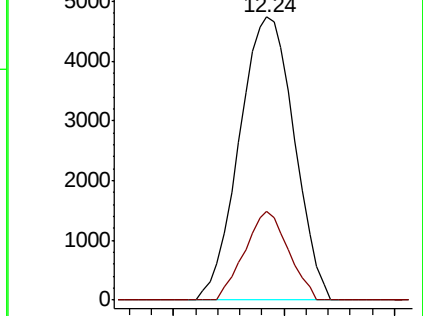
105 100

120 25.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 25.095 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060997.D

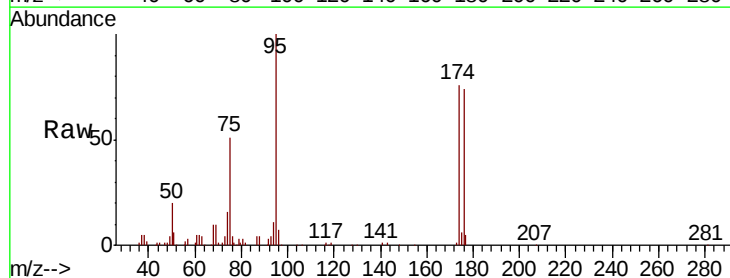
Acq: 16 Apr 2020 5:06

Tgt Ion: 75 Resp: 59429

Ion Ratio Lower Upper

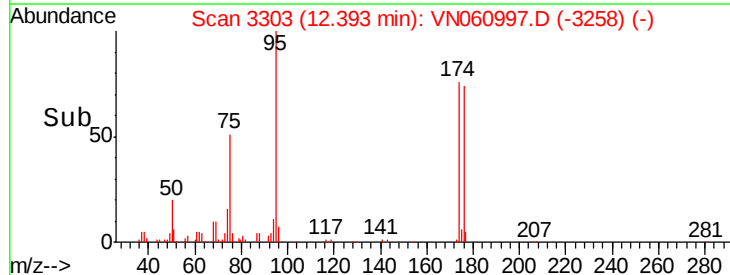
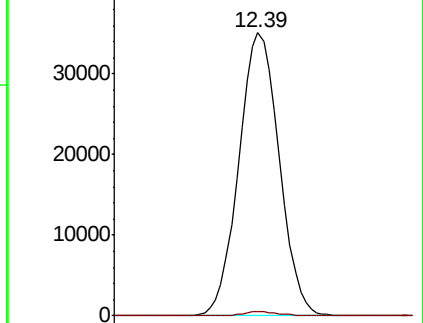
75 100

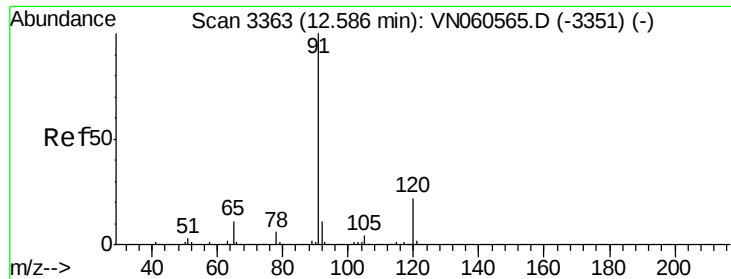
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 2.116 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. -0.00 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

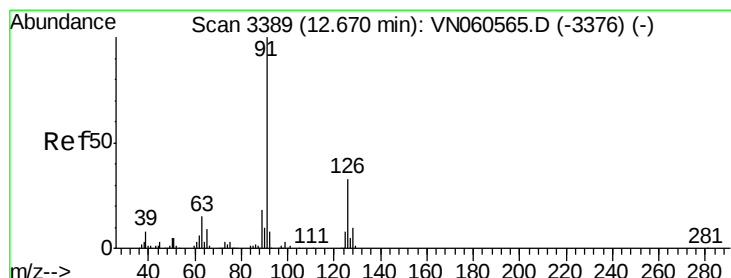
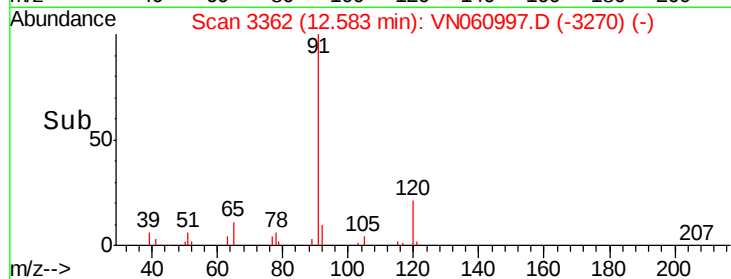
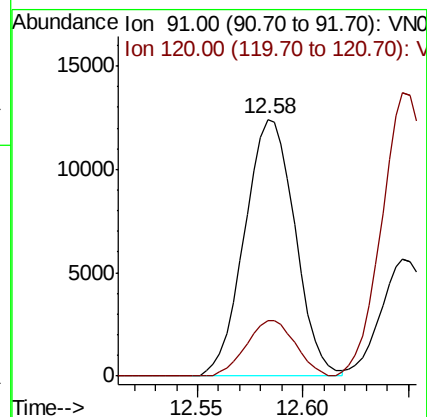
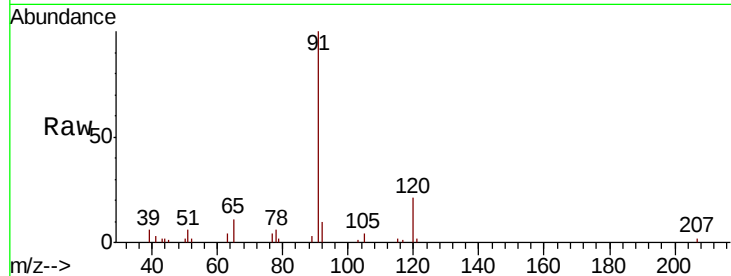
ClientSampleId :

Tot Ion: 91 Resp: 20589

Ion Ratio Lower Upper

91 100

120 21.1 11.3 33.8



#79

2-Chlorotoluene

Concen: 1.571 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.02 min

Lab File: VN060997.D

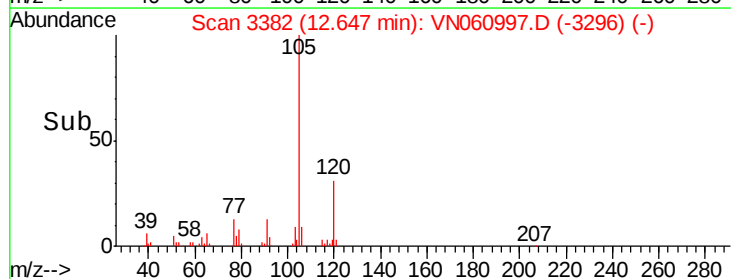
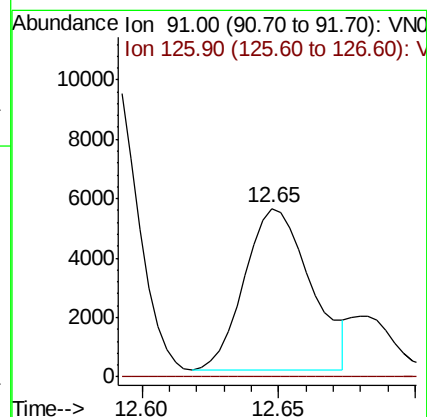
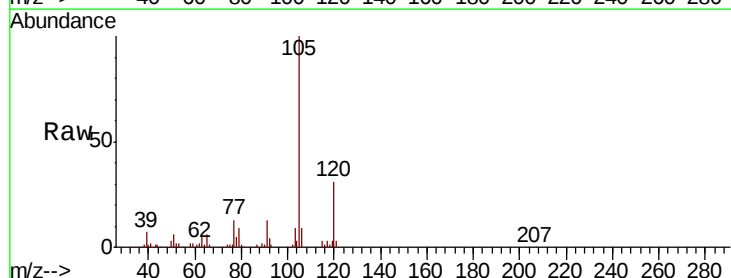
Acq: 16 Apr 2020 5:06

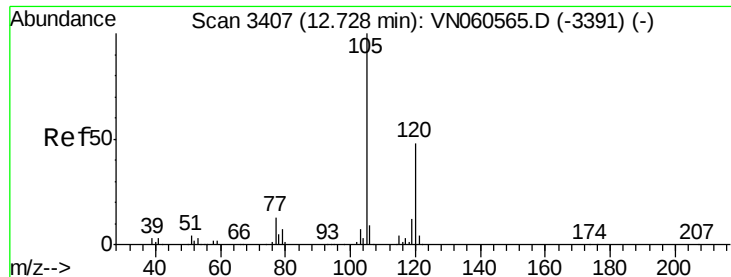
Tgt Ion: 91 Resp: 9134

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#

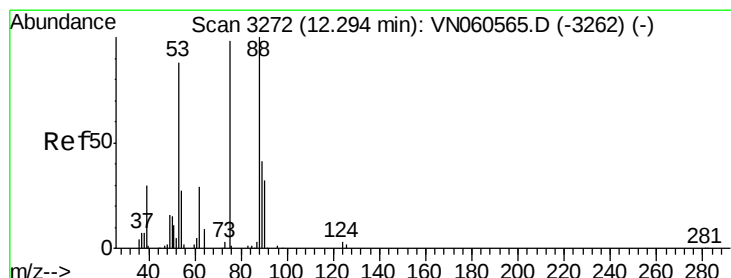
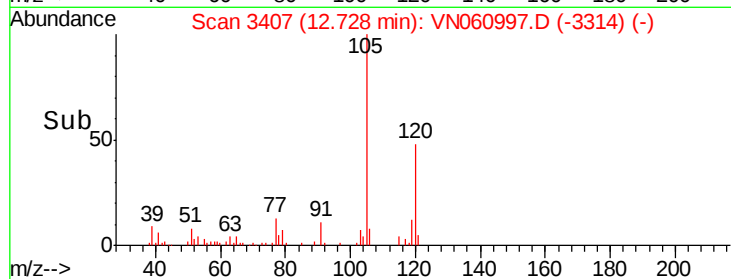
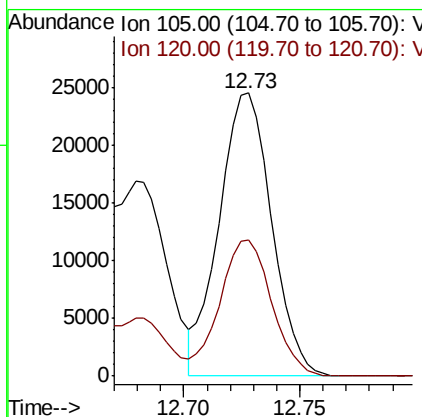
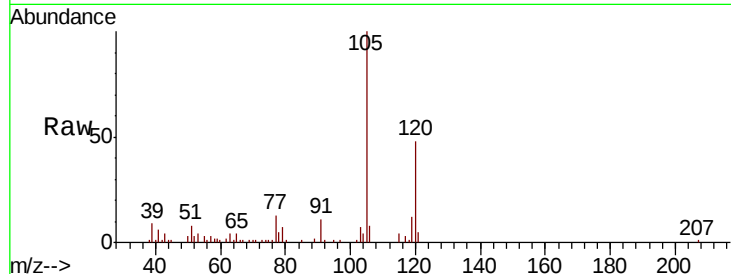




#80
 1,3,5-Trimethylbenzene
 Concen: 5.536 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

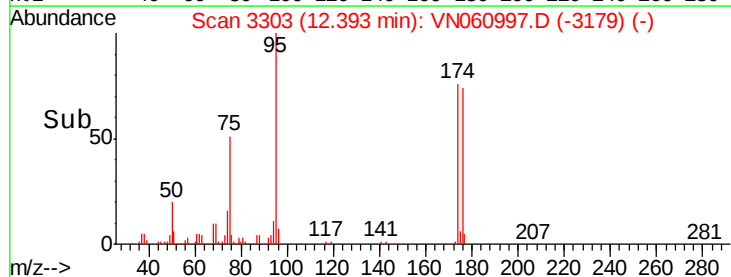
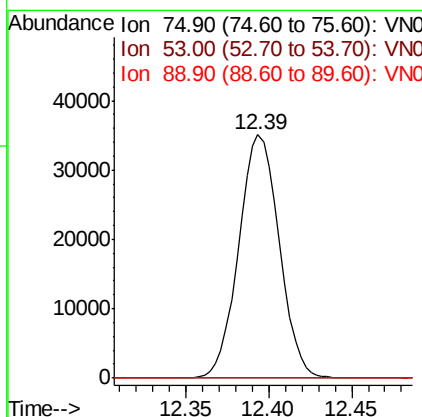
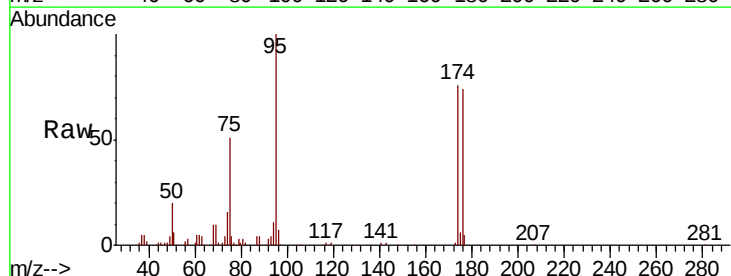
Instrument :
 MSVOA_N
 ClientSampled :

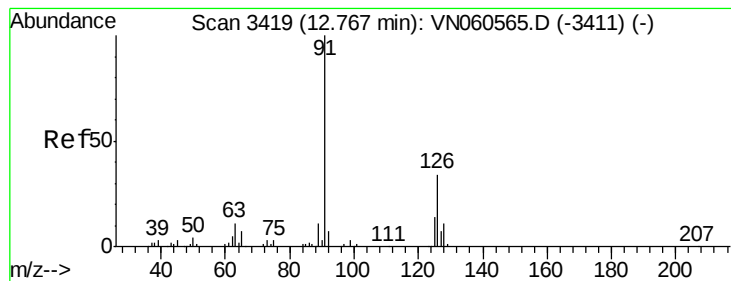
Tot Ion:105 Resp: 38691
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.450 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Tgt Ion: 75 Resp: 59429
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.4#
 89 0.0 34.8 52.2#

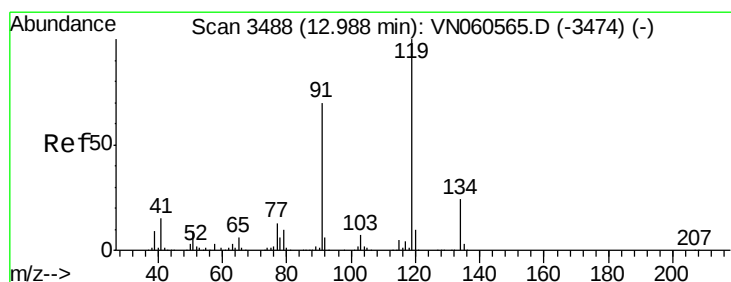
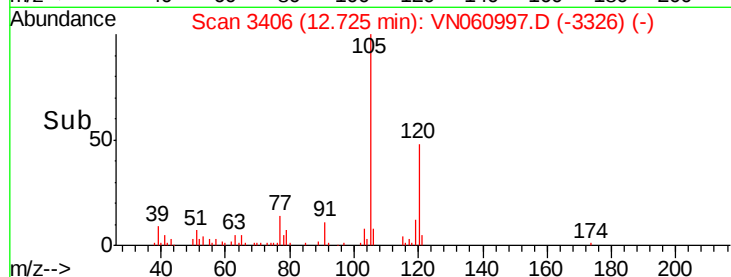
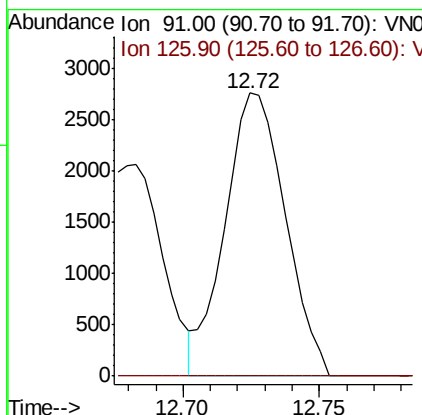
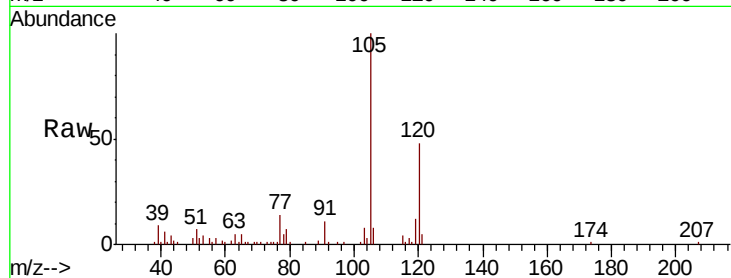




#82
4-Chlorotoluene
Concen: 0.715 ug/l
RT: 12.72 min Scan# 3406
Delta R.T. -0.04 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

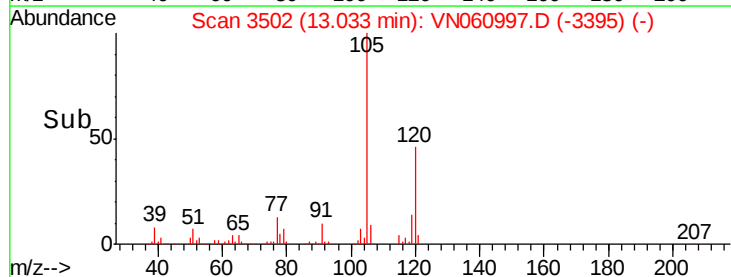
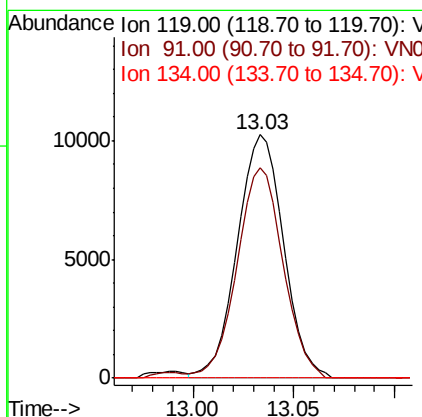
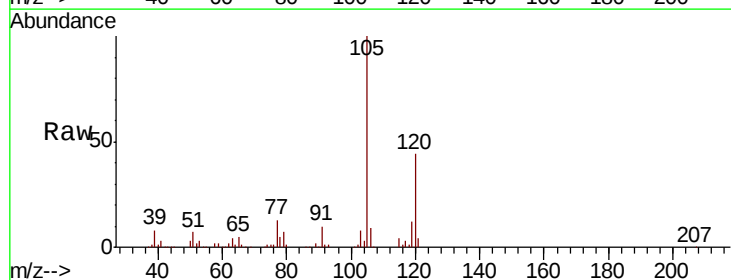
Instrument :
MSVOA_N
ClientSampleId :

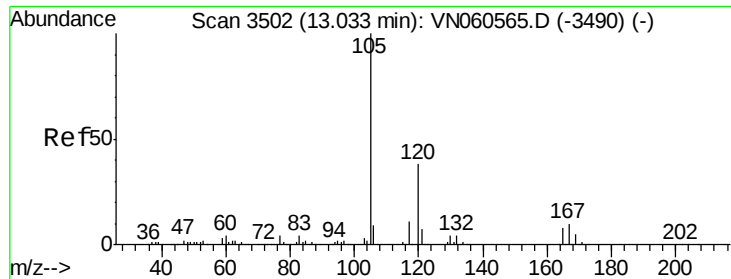
Tot Ion: 91 Resp: 4236
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.5#



#83
tert-Butylbenzene
Concen: 2.838 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.04 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Tgt Ion: 119 Resp: 16444
Ion Ratio Lower Upper
119 100
91 86.1 34.0 101.8
134 0.0 12.7 38.0#

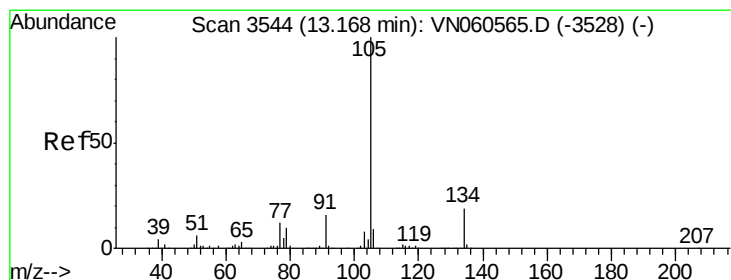
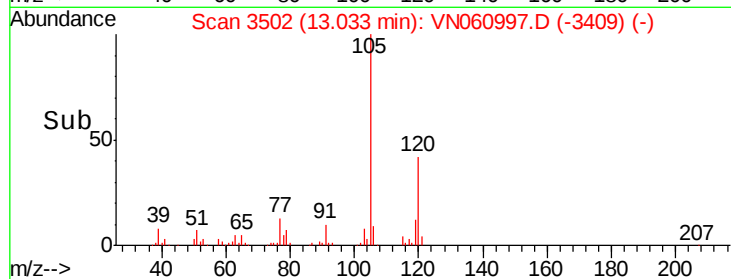
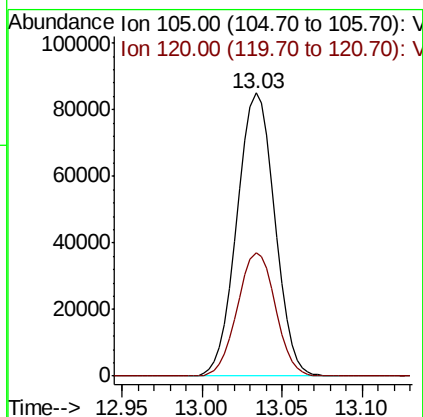
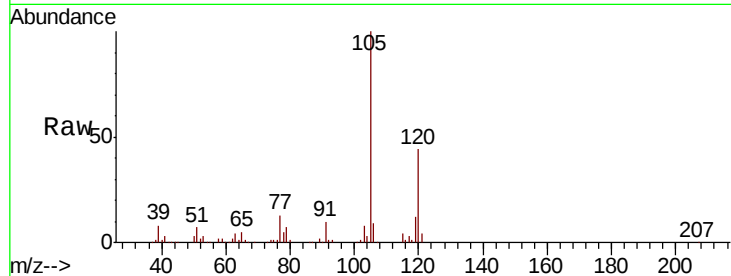




#84
 1,2,4-Trimethylbenzene
 Concen: 19.807 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

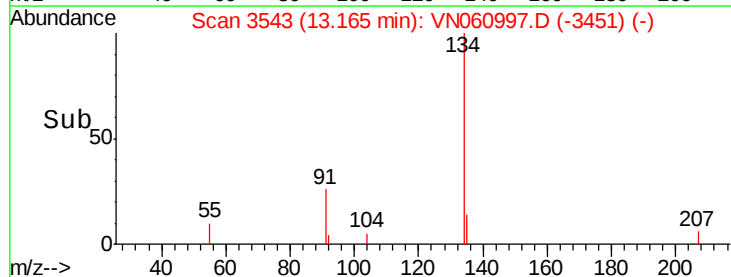
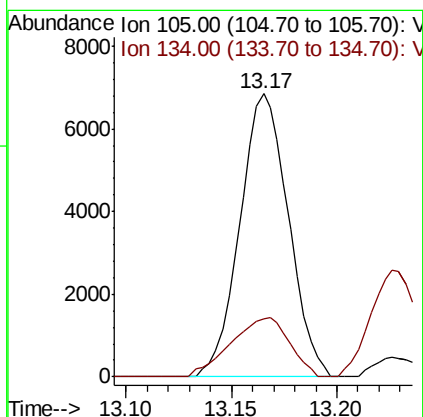
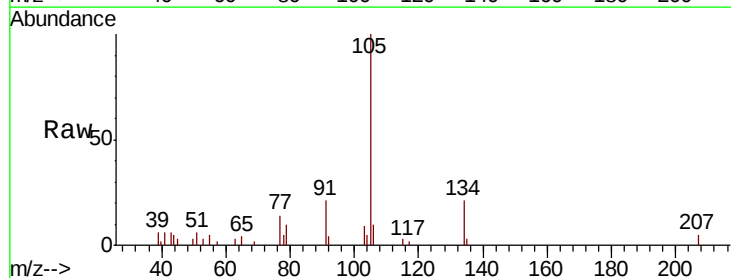
Instrument :
 MSVOA_N
 ClientSampleId :

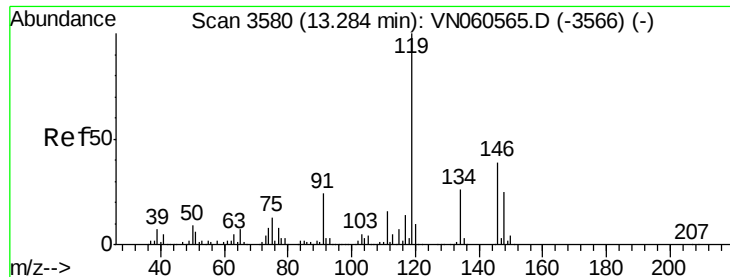
Tot Ion:105 Resp: 136966
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 1.403 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Tgt Ion:105 Resp: 10933
 Ion Ratio Lower Upper
 105 100
 134 25.2 9.6 28.8

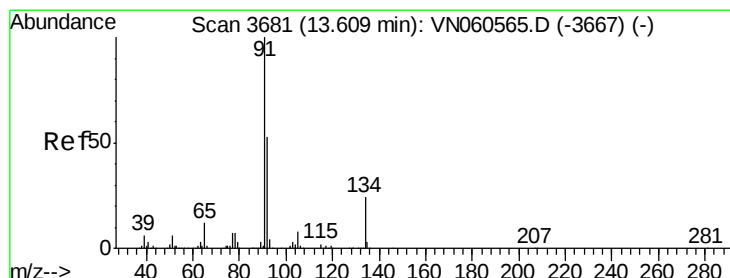
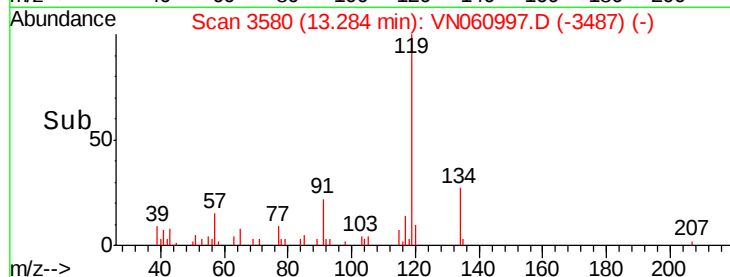
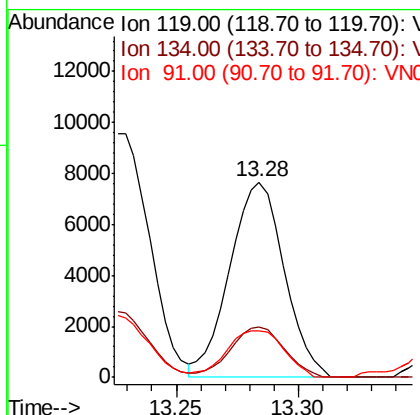
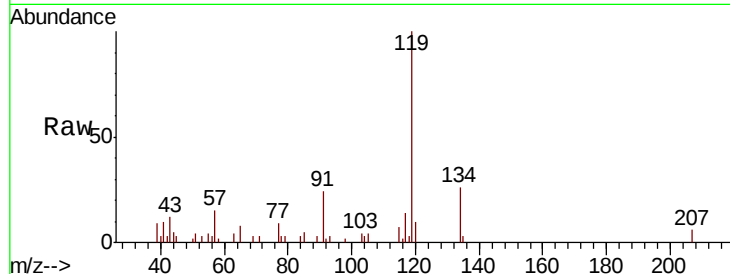




#86
 p-Isopropyltoluene
 Concen: 1.694 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

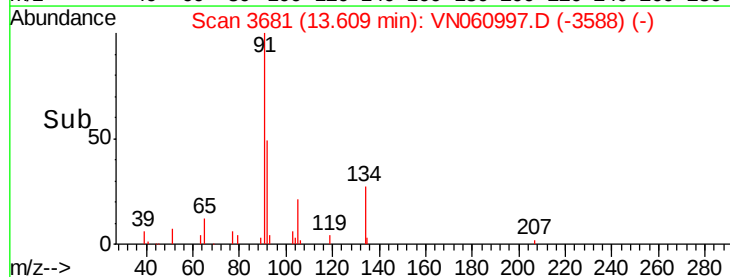
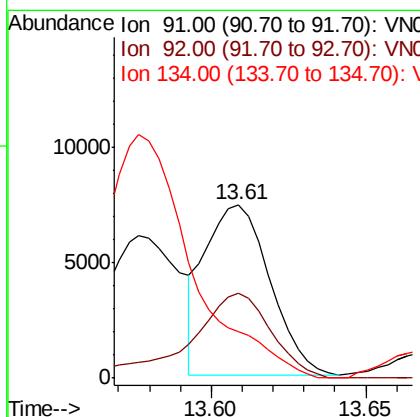
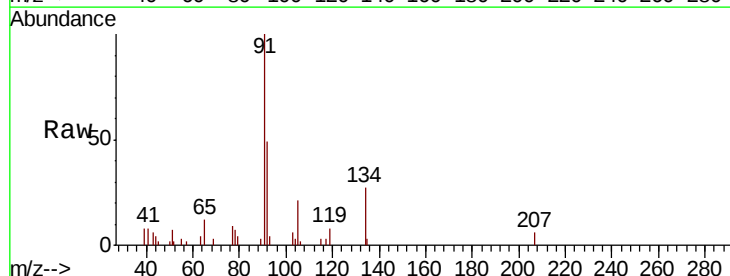
Instrument :
 MSVOA_N
 ClientSampleId :

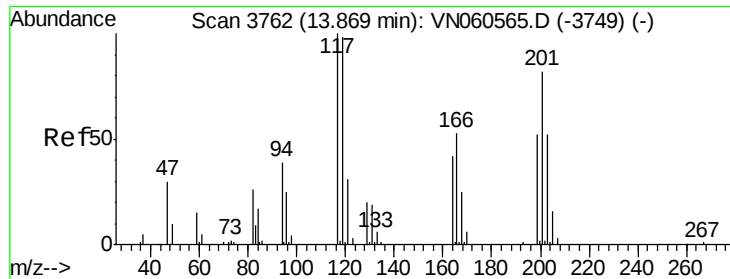
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	25.3	12.0	36.0



#89
 n-Butylbenzene
 Concen: 1.691 ug/l
 RT: 13.61 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: VN060997.D
 Acq: 16 Apr 2020 5:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.3	26.2	78.5
134	0.0	12.3	36.9#





#90

Hexachloroethane

Concen: 4.679 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

Instrument :

MSVOA_N

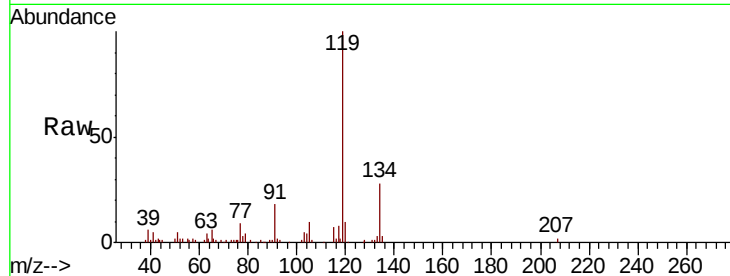
ClientSampleId :

Tot Ion:117 Resp: 4765

Ion Ratio Lower Upper

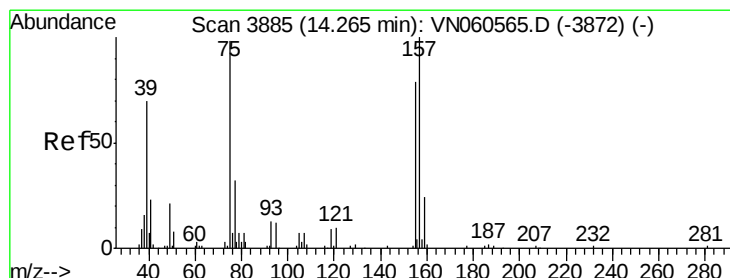
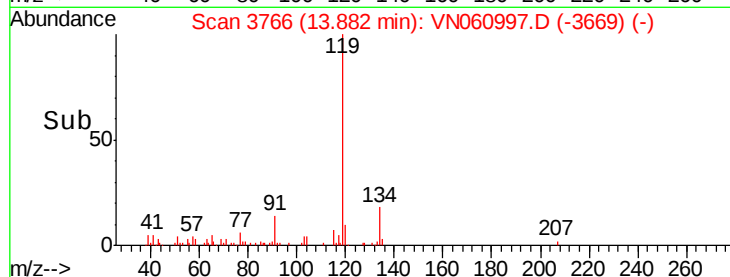
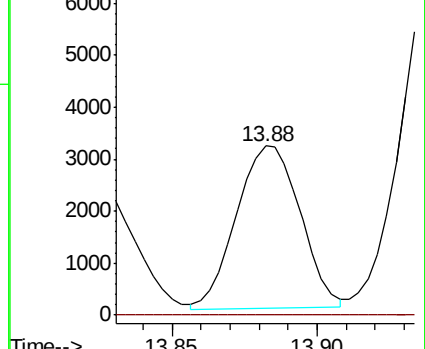
117 100

201 0.0 40.8 122.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.677 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.02 min

Lab File: VN060997.D

Acq: 16 Apr 2020 5:06

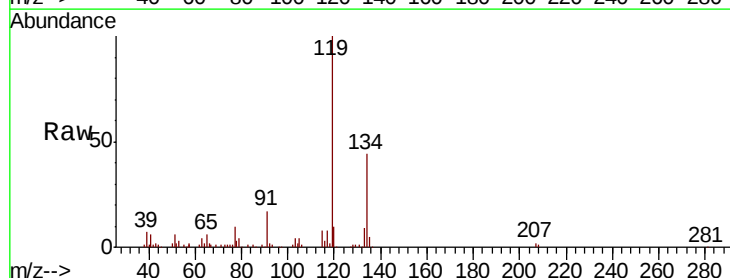
Tgt Ion: 75 Resp: 491

Ion Ratio Lower Upper

75 100

155 0.0 40.7 122.1#

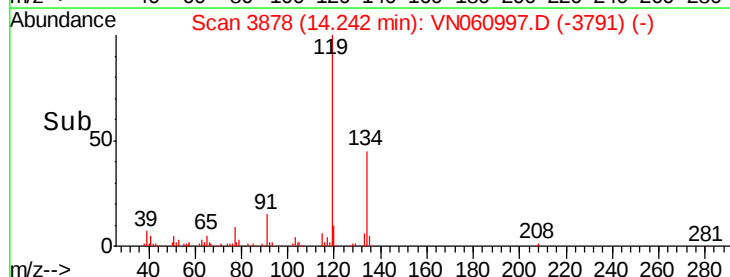
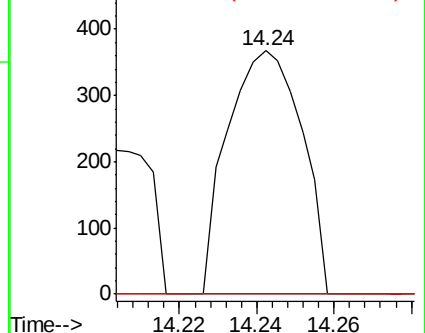
157 0.0 51.5 154.7#

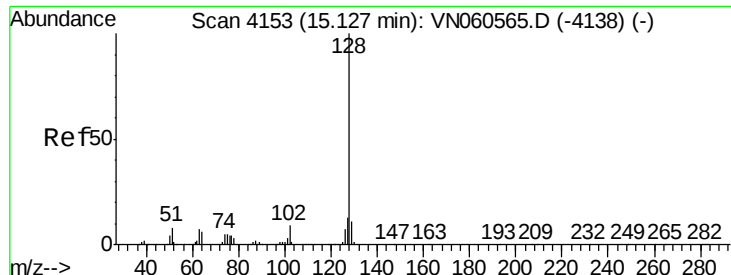


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

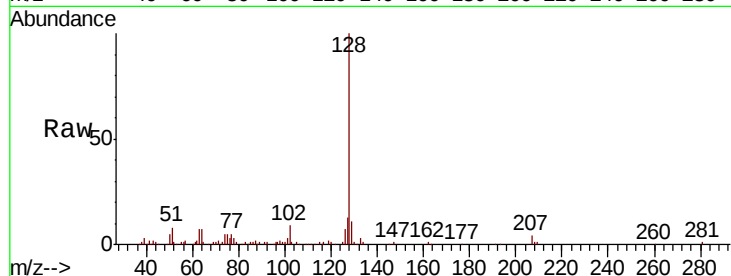




#95
Naphthalene
Concen: 18.643 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060997.D
Acq: 16 Apr 2020 5:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	11.9	8.8	13.2



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

