

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061345.D
 Acq On : 7 May 2020 19:35
 Operator : JC/MD
 Sample : L2544-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 02:57:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	91517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	74515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	76930	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	
35) Dibromofluoromethane	7.55	113	50723	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
50) Toluene-d8	10.06	98	212854	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.38	95	79884	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.16	62	1067	0.799	ug/l #	85
11) Tert butyl alcohol	4.72	59	414	2.134	ug/l #	72
13) Acrolein	3.75	56	423	3.272	ug/l #	13
14) Allyl chloride	4.48	41	15637	8.734	ug/l #	65
18) Methyl Acetate	4.48	43	33054	18.516	ug/l #	55
19) Methyl tert-butyl Ether	4.99	73	4229	1.146	ug/l #	1
25) 2-Butanone	6.76	43	500	0.584	ug/l #	53
27) cis-1,2-Dichloroethene	6.79	96	585	0.474	ug/l #	52
31) Cyclohexane	7.62	56	3786	1.797	ug/l #	40
36) 1,1-Dichloropropene	7.63	75	8477	5.013	ug/l #	49
37) Ethyl Acetate	6.76	43	500	0.252	ug/l #	1
38) Carbon Tetrachloride	7.63	117	10101	8.534	ug/l #	17
39) Methylcyclohexane	9.01	83	3578	1.887	ug/l #	26
40) Benzene	8.00	78	5590	1.110	ug/l	95
41) Methacrylonitrile	7.34	41	805	0.978	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	2212	1.159	ug/l #	76
43) Isopropyl Acetate	8.11	43	1152	0.350	ug/l #	57
48) Methyl methacrylate	9.19	41	2520	1.697	ug/l #	34
51) 4-Methyl-2-Pentanone	9.99	43	1263	0.652	ug/l #	58
55) 1,1,2-Trichloroethane	10.50	97	2150	1.776	ug/l #	14
56) Ethyl methacrylate	10.40	69	1110	3.225	ug/l #	1
65) Chlorobenzene	11.41	112	270217	84.846	ug/l	99
71) Bromoform	12.37	173	301	0.359	ug/l #	1
73) Isopropylbenzene	12.22	105	1331	0.243	ug/l	90
74) N-amyl acetate	12.06	43	570	0.205	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.45	83	515	0.302	ug/l #	25
76) 1,2,3-Trichloropropane	12.38	75	44377	28.248	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	44377	71.735	ug/l #	8
83) tert-Butylbenzene	12.97	119	23807	6.227	ug/l	96
84) 1,2,4-Trimethylbenzene	13.15	105	28711	6.146	ug/l #	32
85) sec-Butylbenzene	13.15	105	28711	5.508	ug/l #	40
86) p-Isopropyltoluene	13.42	119	86211	18.358	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	658	0.283	ug/l #	75
88) 1,4-Dichlorobenzene	13.34	146	3630	1.526	ug/l #	68

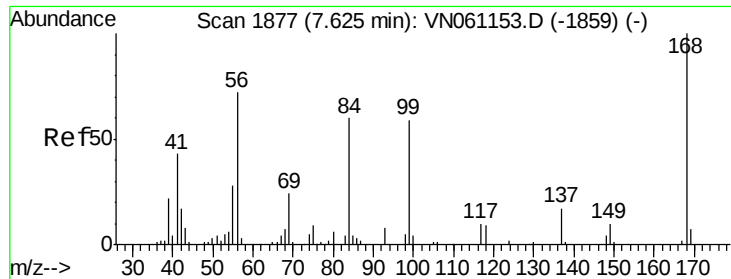
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
Data File : VN061345.D
Acq On : 7 May 2020 19:35
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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.57	91	4196	0.975	ug/l #	19
90) Hexachloroethane	13.87	117	6035	18.067	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	2344	1.050	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.30	75	228	0.632	ug/l #	7

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

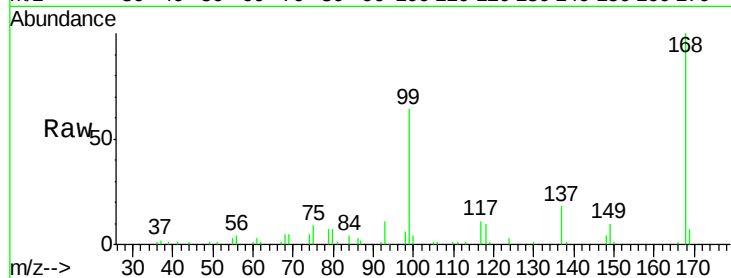
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 91517

Ion Ratio Lower Upper

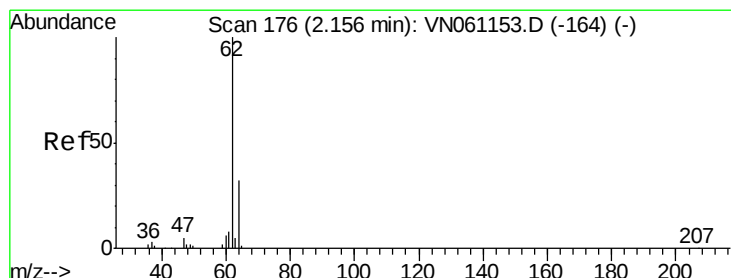
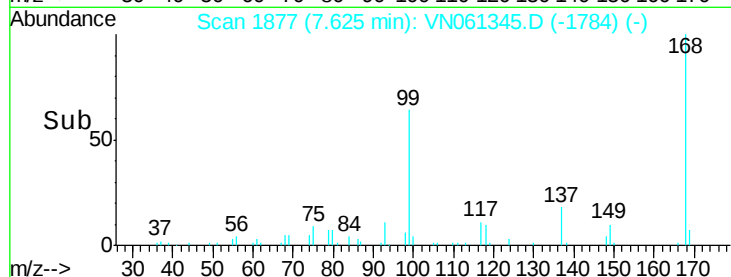
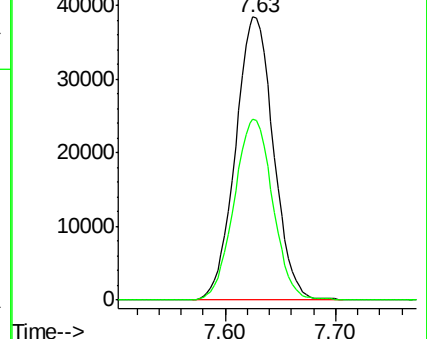
168 100

99 64.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 0.799 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061345.D

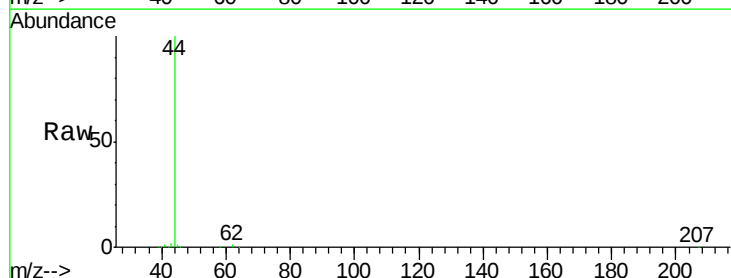
Acq: 7 May 2020 19:35

Tgt Ion: 62 Resp: 1067

Ion Ratio Lower Upper

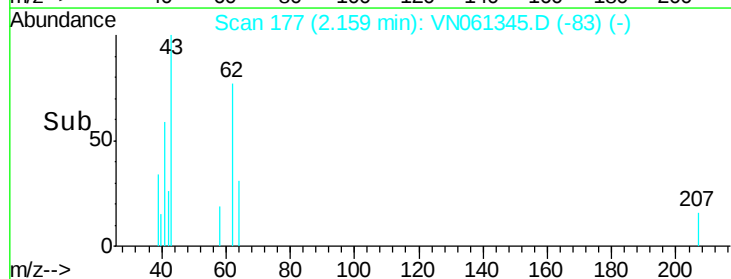
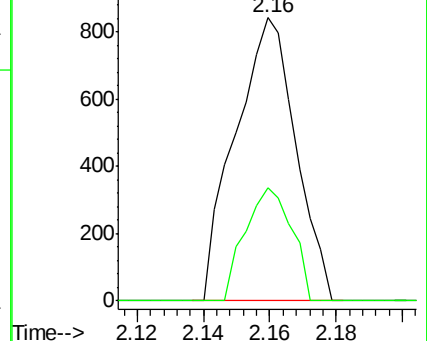
62 100

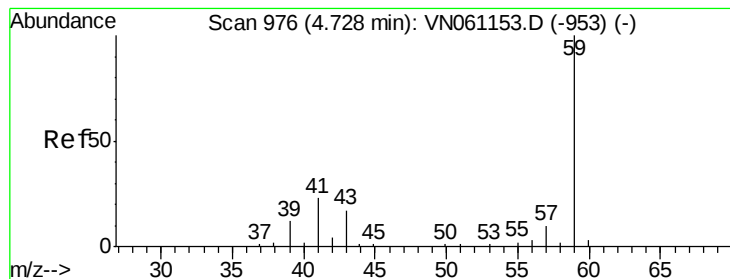
64 39.8 25.2 37.8#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO



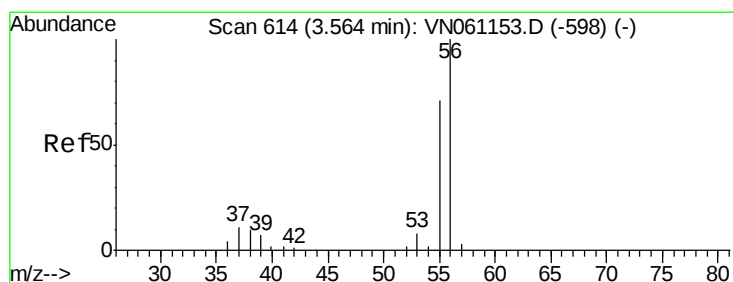
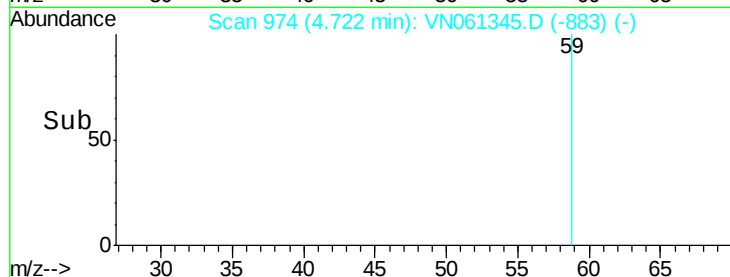
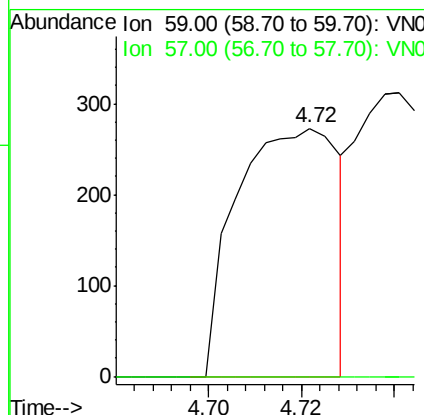
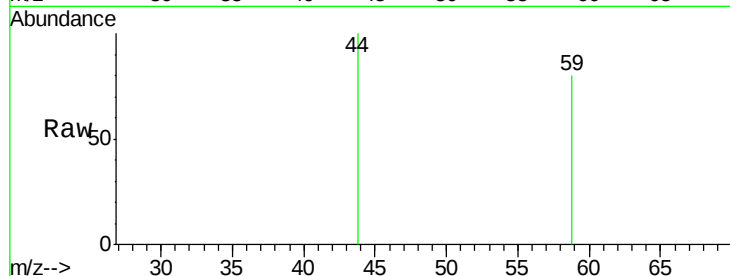


#11

Tert butyl alcohol
 Concen: 2.134 ug/l
 RT: 4.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

Instrument :
 MSVOA_N
 ClientSampled :

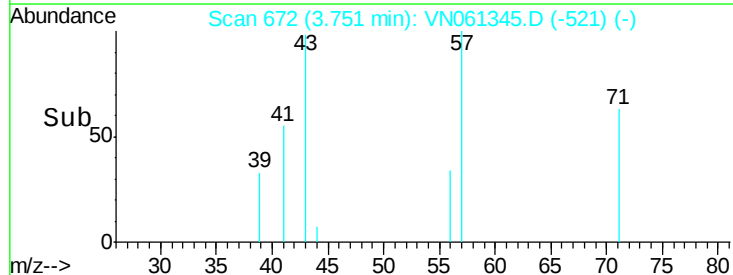
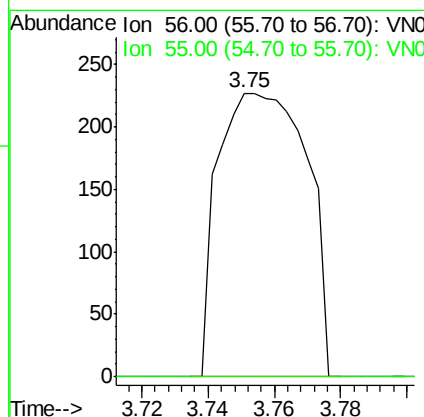
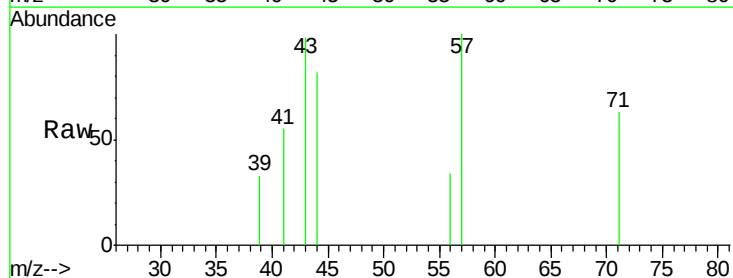
Tot Ion: 59 Resp: 414
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

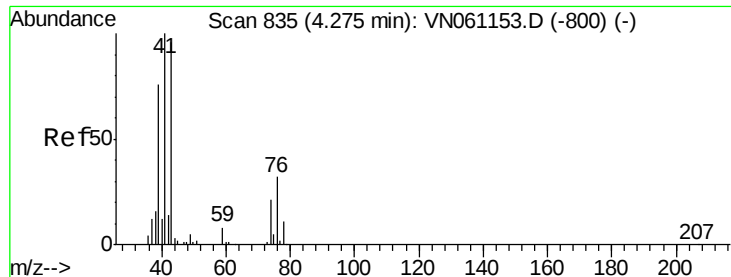


#13

Acrolein
 Concen: 3.272 ug/l
 RT: 3.75 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

Tgt Ion: 56 Resp: 423
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.5 87.7#

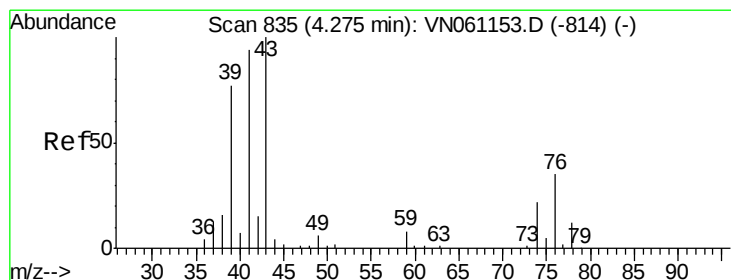
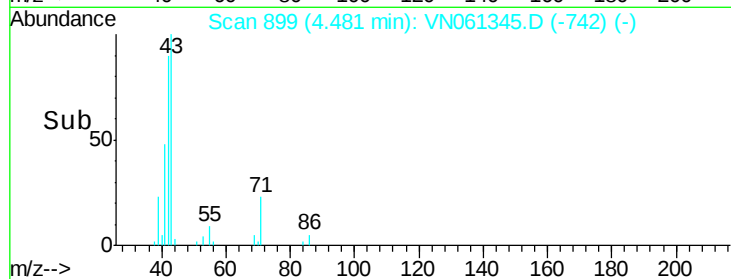
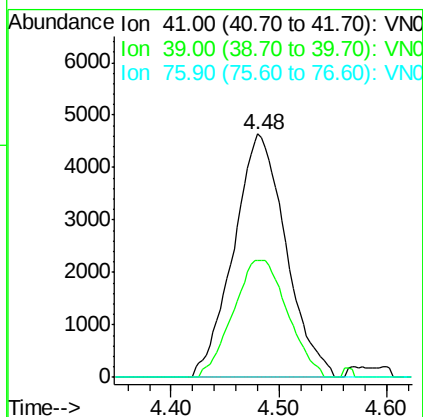
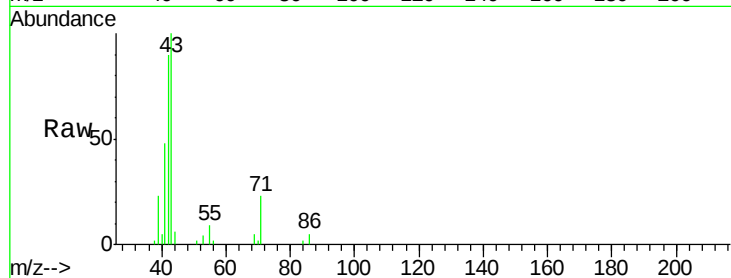




#14
Allvl chloride
Concen: 8.734 ug/l
RT: 4.48 min Scan# 899
Delta R.T. 0.21 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

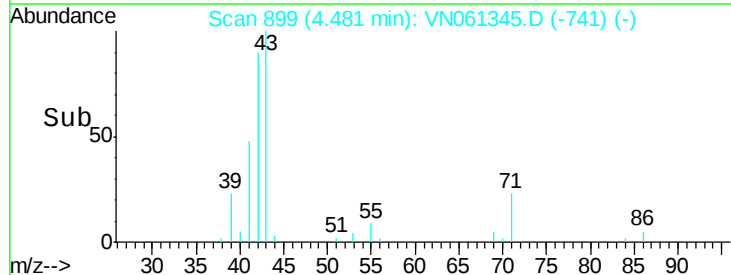
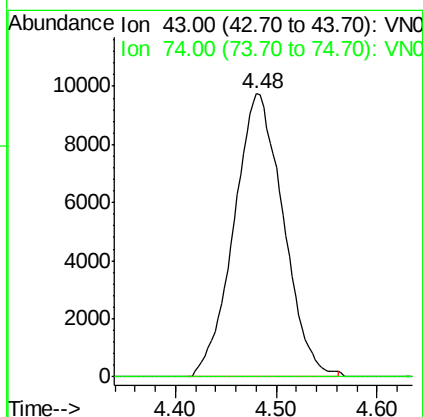
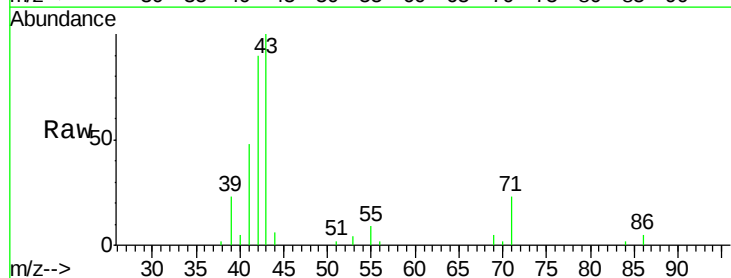
Instrument :
MSVOA_N
ClientSampleId :

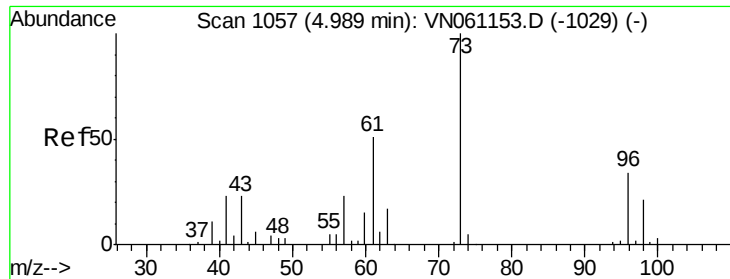
Tot Ion: 41 Resp: 15637
Ion Ratio Lower Upper
41 100
39 49.9 57.1 85.7#
76 0.0 24.3 36.5#



#18
Methyl Acetate
Concen: 18.516 ug/l
RT: 4.48 min Scan# 899
Delta R.T. 0.21 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion: 43 Resp: 33054
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#

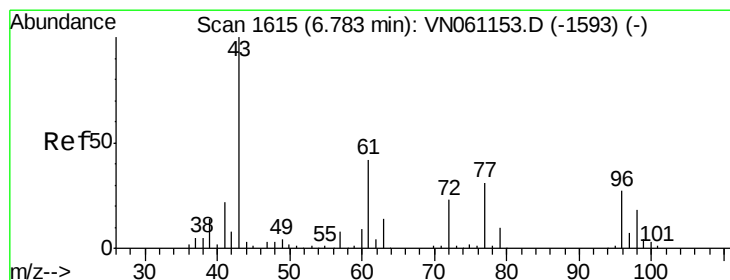
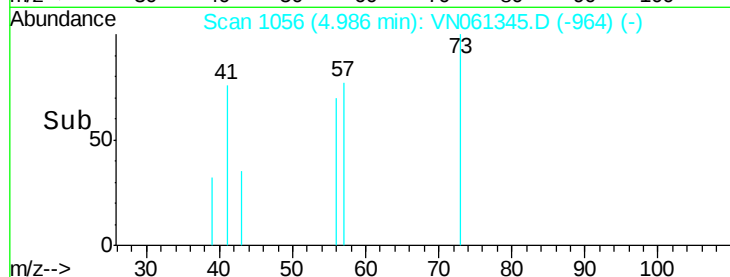
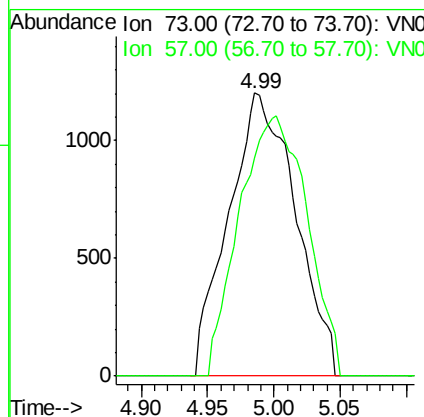
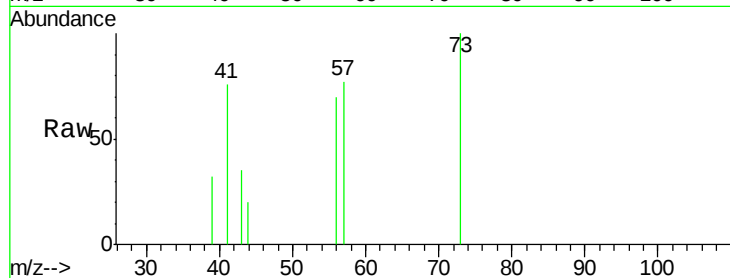




#19
Methvl tert-butvl Ether
Concen: 1.146 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

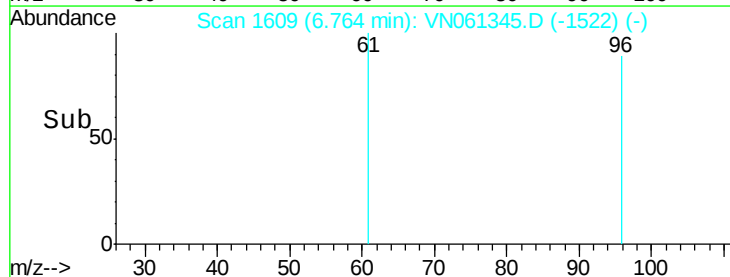
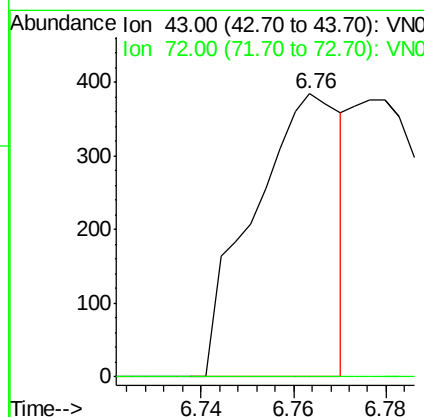
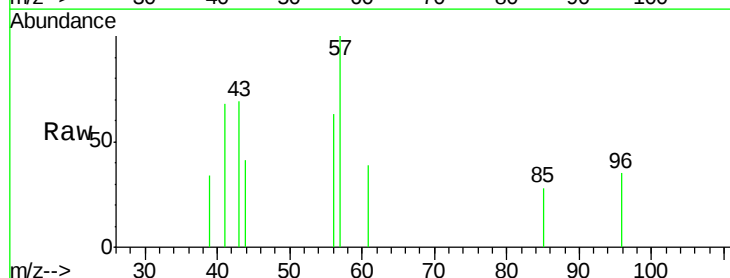
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ClientSampleId :

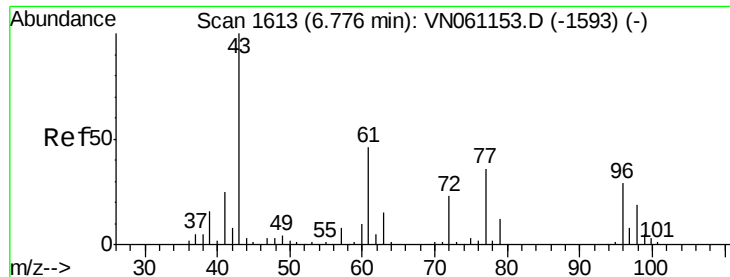
Tot Ion: 73 Resp: 4229
Ion Ratio Lower Upper
73 100
57 77.0 18.3 27.5#



#25
2-Butanone
Concen: 0.584 ug/l
RT: 6.76 min Scan# 1609
Delta R.T. -0.02 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#





#27

cis-1,2-Dichloroethene

Concen: 0.474 ug/l

RT: 6.79 min Scan# 1616

Delta R.T. 0.01 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

Instrument :
MSVOA_N
ClientSampleId :

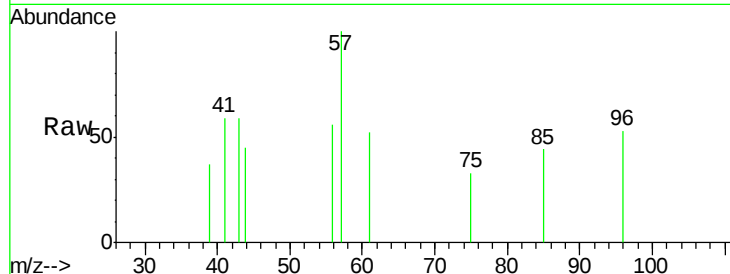
Tot Ion: 96 Resp: 585

Ion Ratio Lower Upper

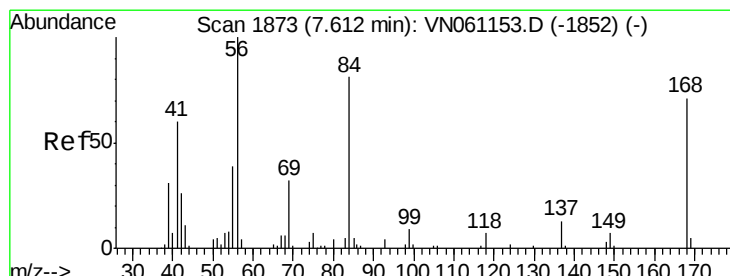
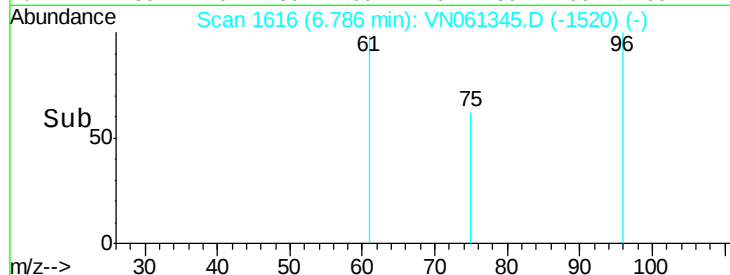
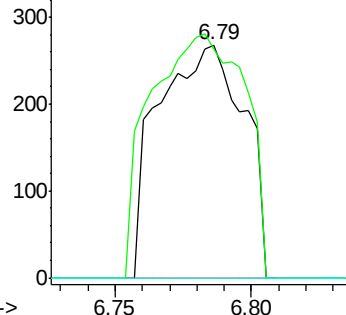
96 100

61 115.7 0.0 322.0

98 0.0 0.0 129.6



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



#31

Cyclohexane

Concen: 1.797 ug/l

RT: 7.62 min Scan# 1875

Delta R.T. 0.01 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

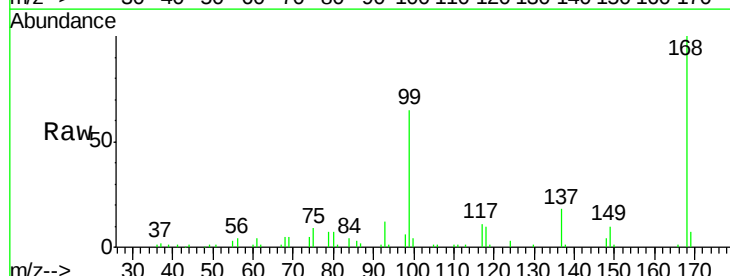
Tgt Ion: 56 Resp: 3786

Ion Ratio Lower Upper

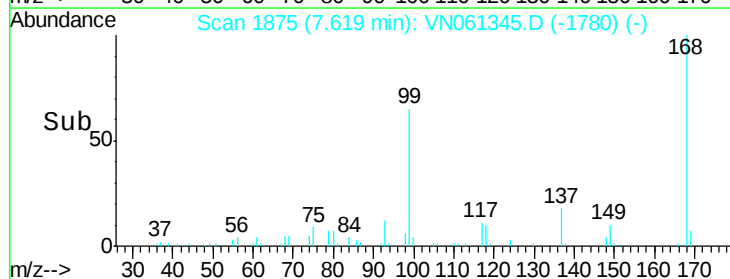
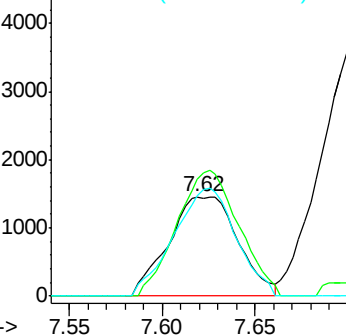
56 100

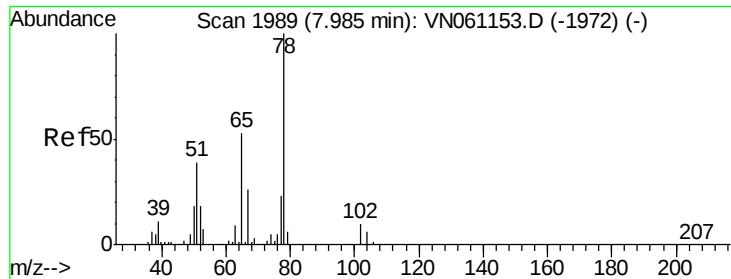
69 117.1 25.7 38.5#

84 101.0 64.6 97.0#



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

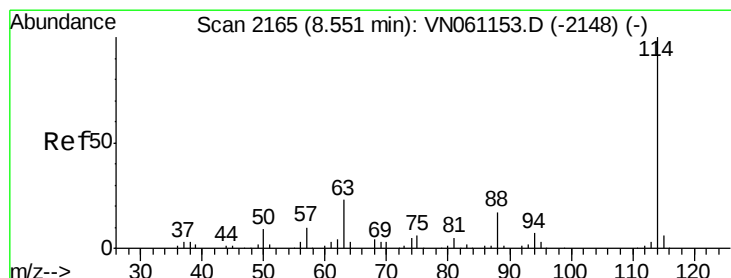
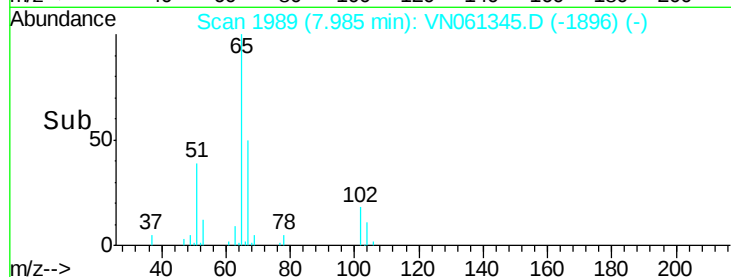
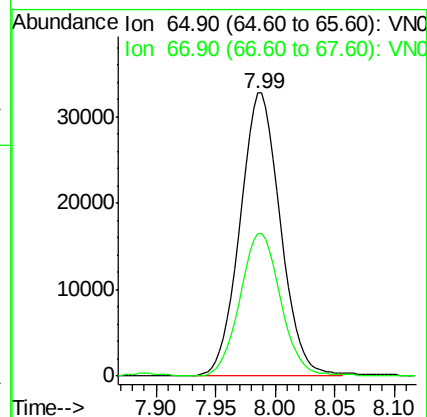
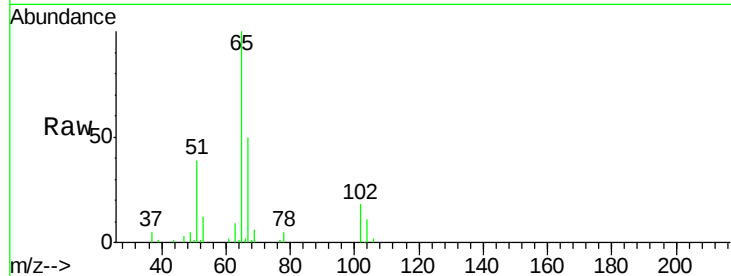




#33
 1,2-Dichloroethane-d4
 Concen: 53.125 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

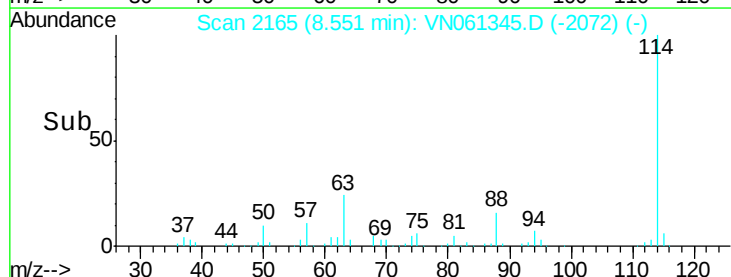
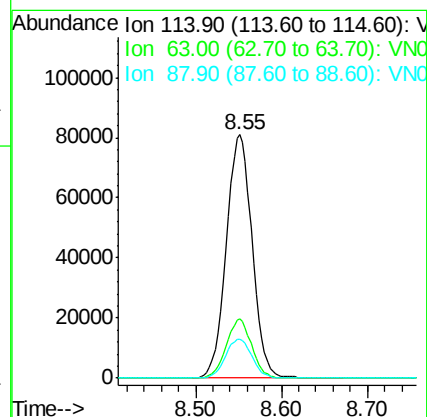
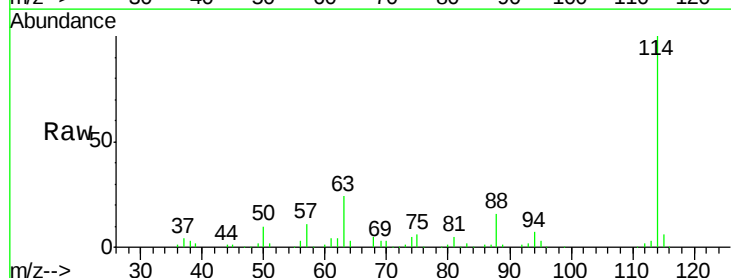
Instrument :
 MSVOA_N
 ClientSampleId :

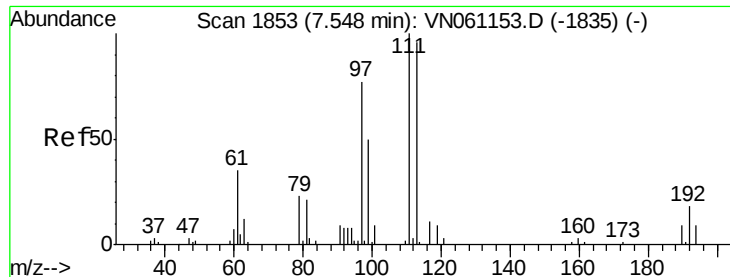
Tot Ion: 65 Resp: 76930
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

Tgt Ion: 114 Resp: 168920
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 16.1 0.0 33.4

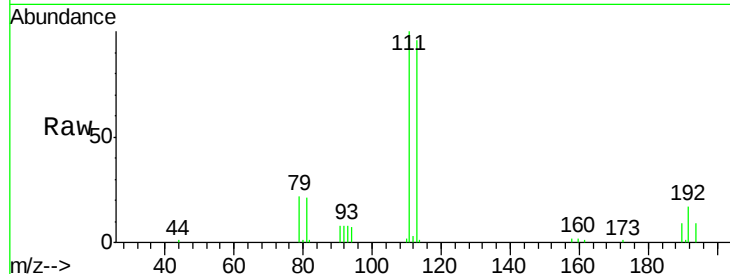




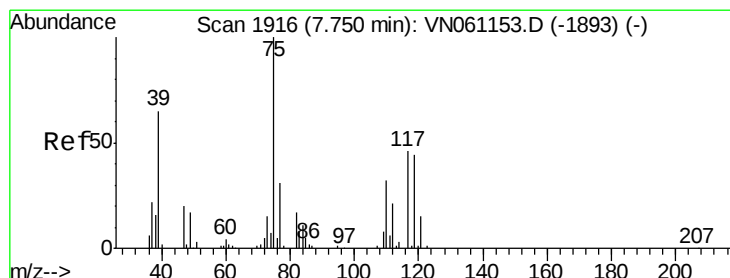
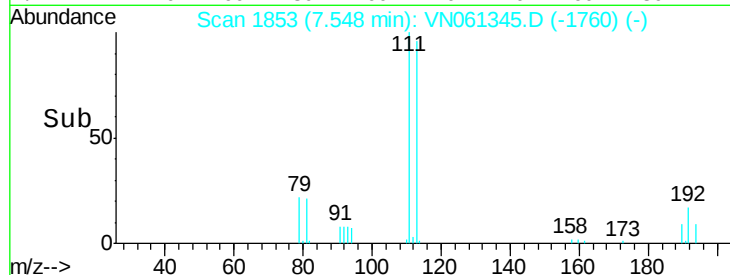
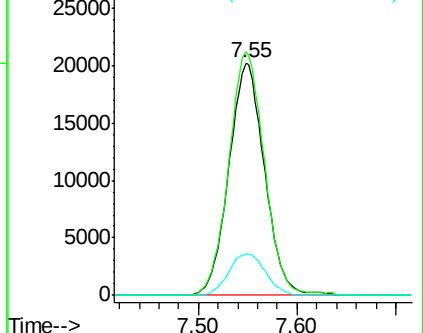
#35
 Dibromofluoromethane
 Concen: 50.781 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 50723
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 18.3 14.7 22.1

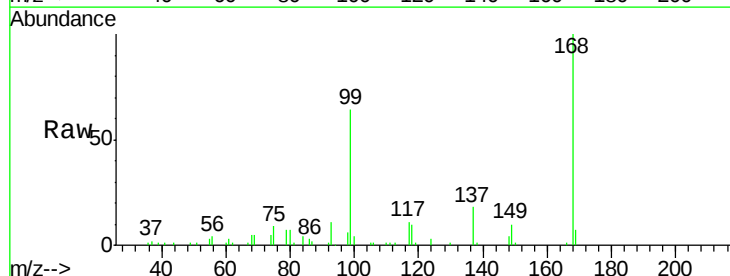


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

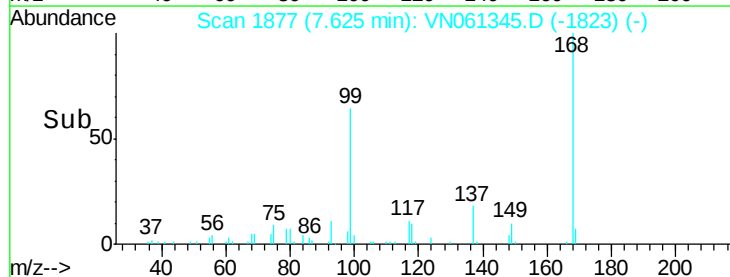
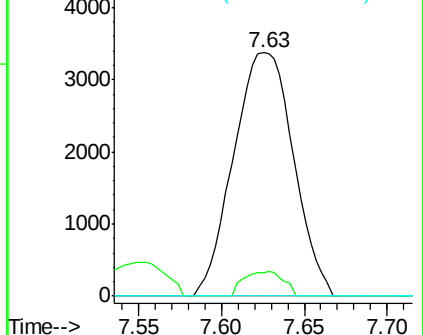


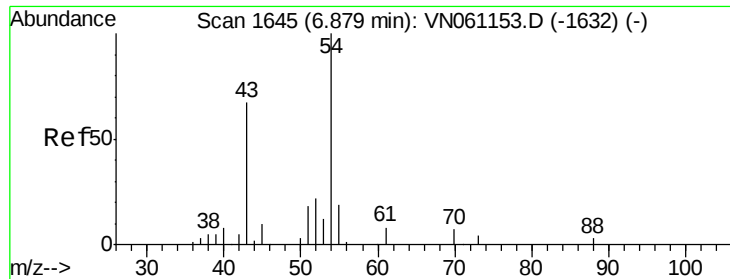
#36
 1,1-Dichloropropene
 Concen: 5.013 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

Tgt Ion: 75 Resp: 8477
 Ion Ratio Lower Upper
 75 100
 110 6.7 16.0 48.0#
 77 0.0 24.6 37.0#



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

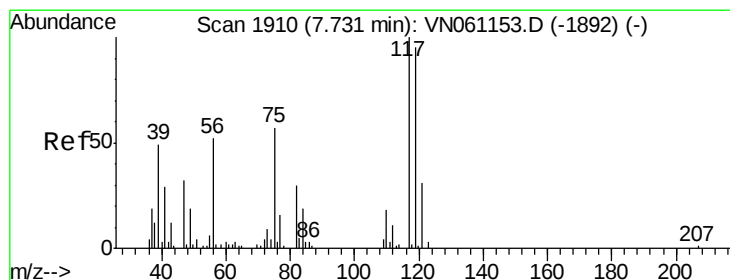
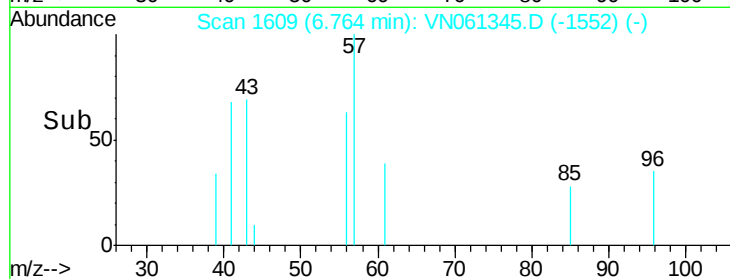
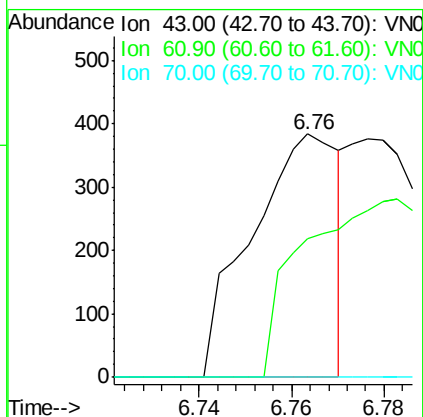
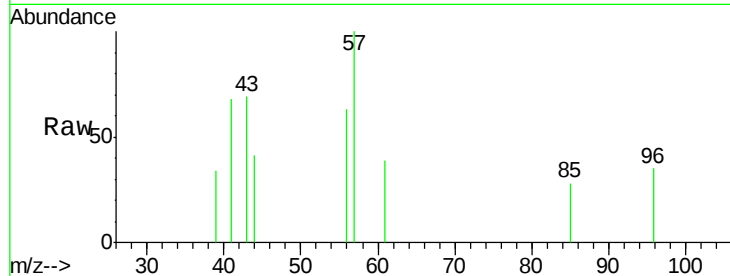




#37
Ethyl Acetate
Concen: 0.252 ug/l
RT: 6.76 min Scan# 1609
Delta R.T. -0.12 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

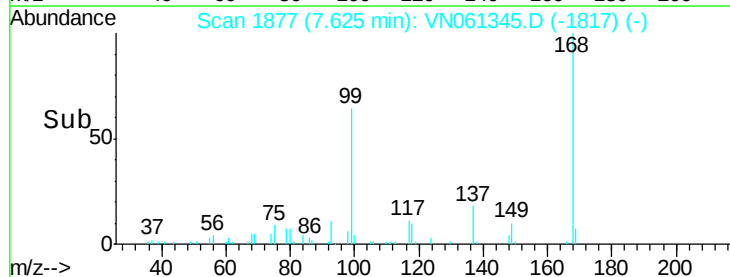
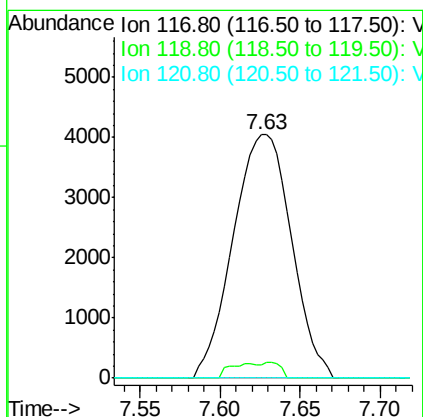
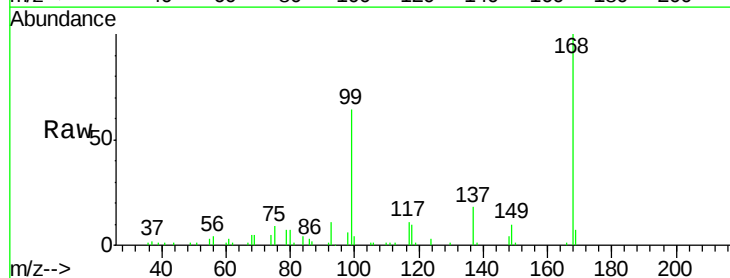
Instrument :
MSVOA_N
ClientSampled :

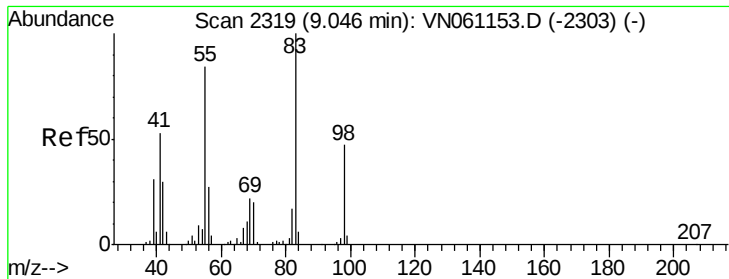
Tot Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
61 135.4 10.2 15.2#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 8.534 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion: 117 Resp: 10101
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.7 37.1#

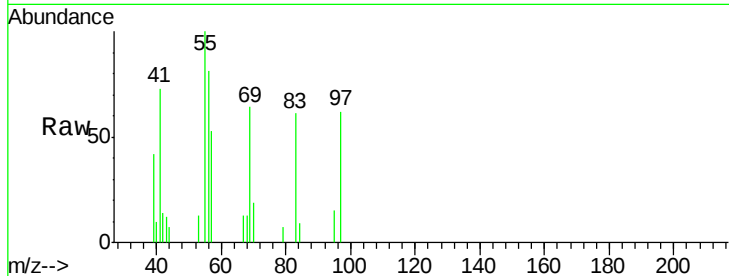




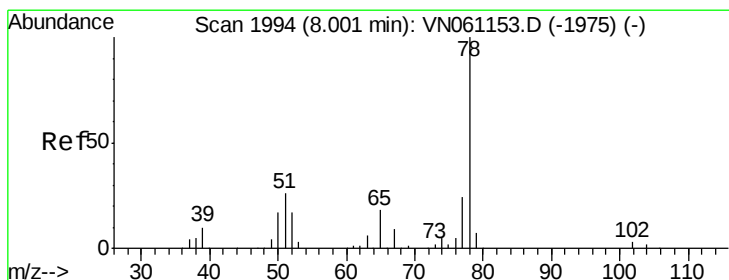
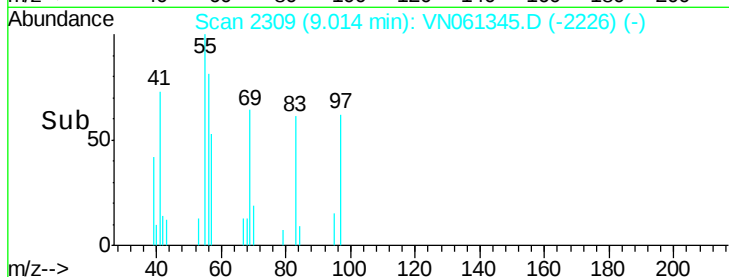
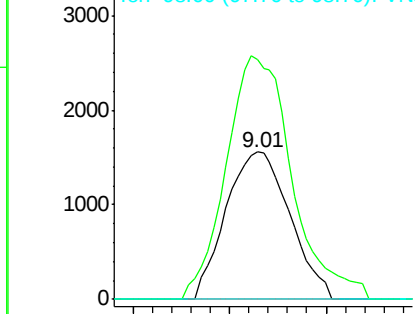
#39
Methvlcvclohexane
Concen: 1.887 ug/l
RT: 9.01 min Scan# 2309
Delta R.T. -0.03 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 3578
Ion Ratio Lower Upper
83 100
55 153.5 67.3 100.9#
98 0.0 37.7 56.5#

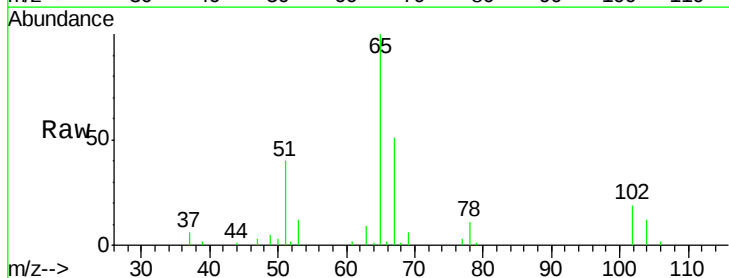


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

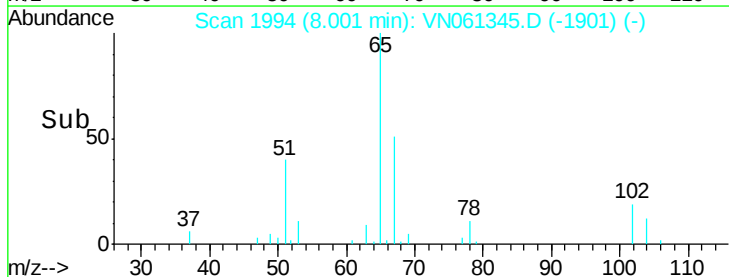
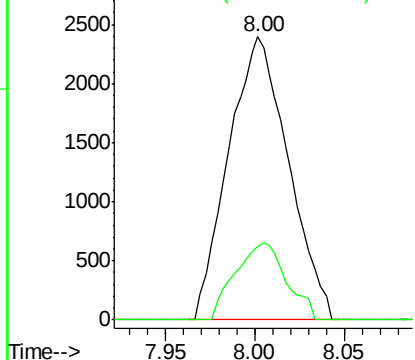


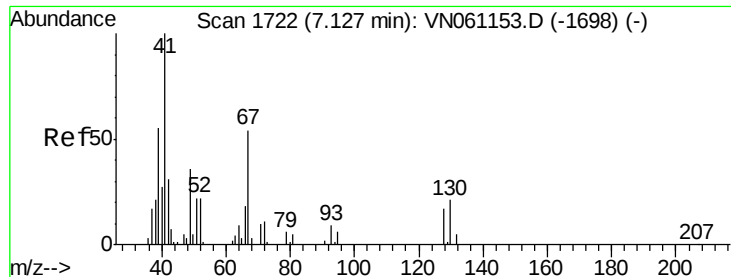
#40
Benzene
Concen: 1.110 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion: 78 Resp: 5590
Ion Ratio Lower Upper
78 100
77 26.0 19.0 28.6



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

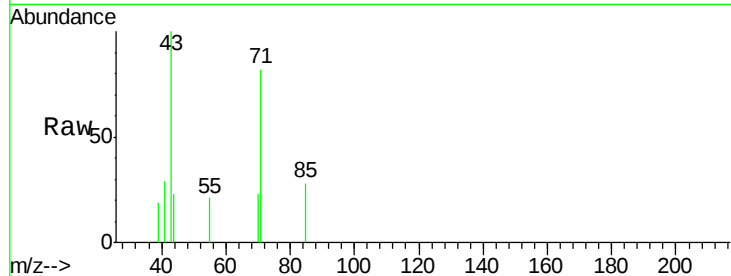




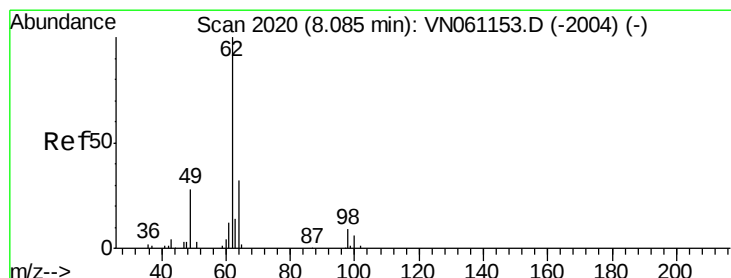
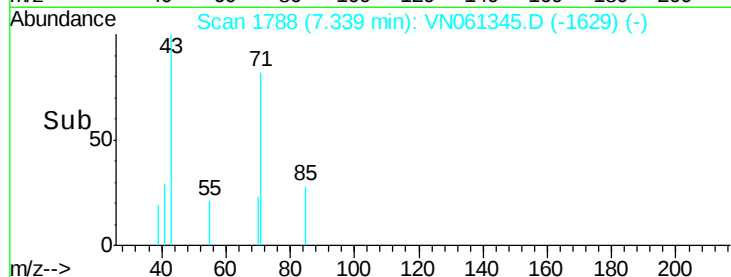
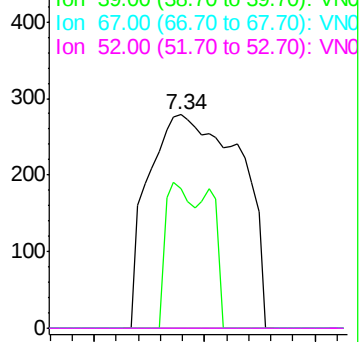
#41
Methacrylonitrile
Concen: 0.978 ug/l
RT: 7.34 min Scan# 1788
Delta R.T. 0.21 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	805
Ion	Ratio	Lower	Upper
41	100		
39	20.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

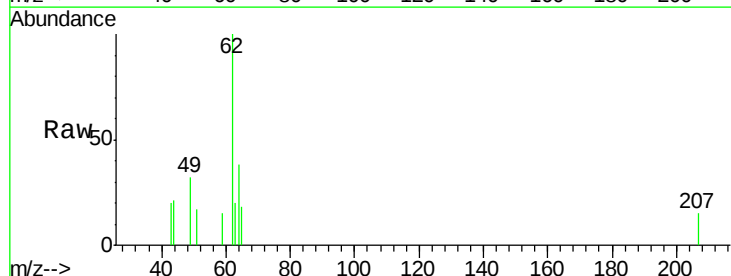


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-1698) (-)

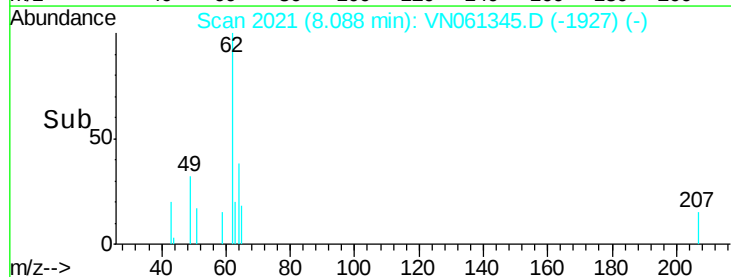
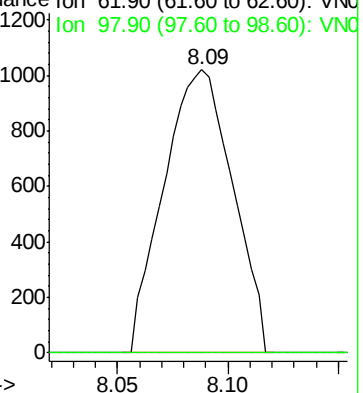


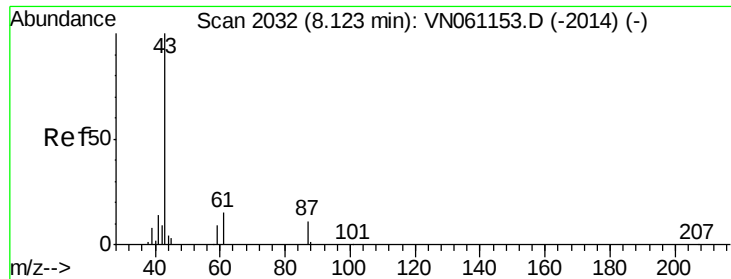
#42
1,2-Dichloroethane
Concen: 1.159 ug/l
RT: 8.09 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion:	62	Resp:	2212
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VN061153.D (-2004) (-)

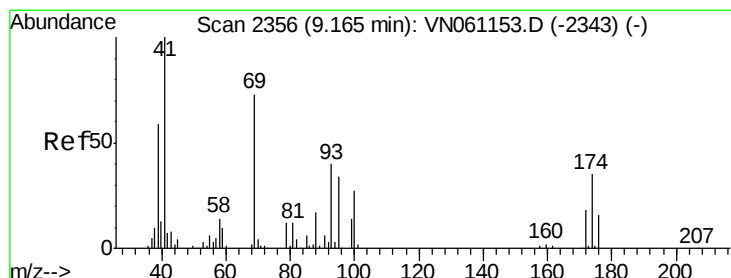
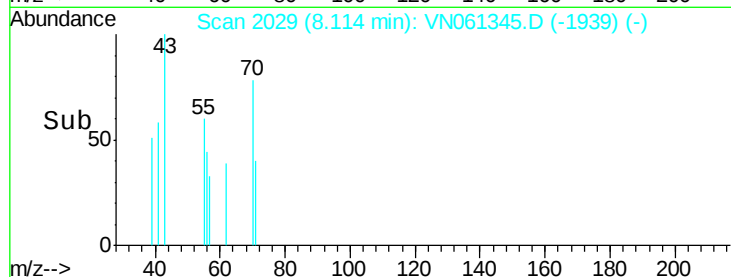
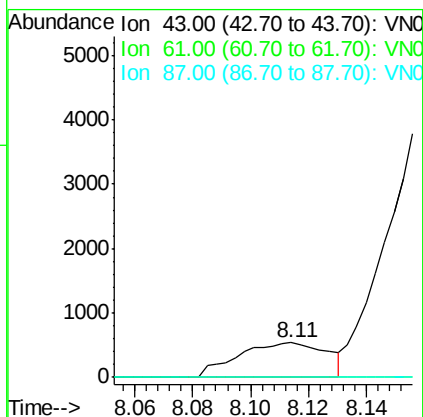
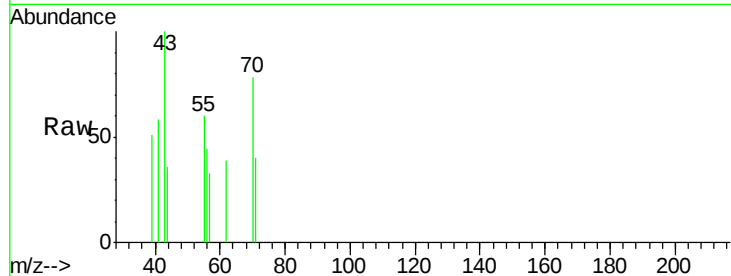




#43
Isopropyl Acetate
Concen: 0.350 ug/l
RT: 8.11 min Scan# 2029
Delta R.T. -0.01 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

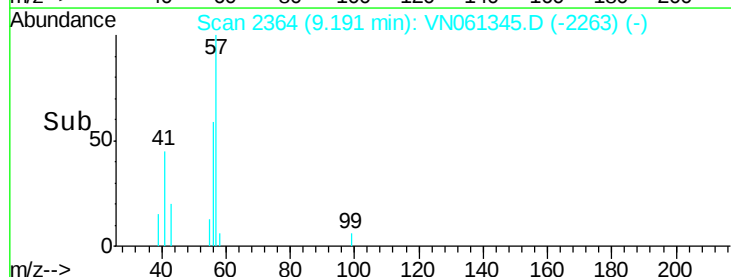
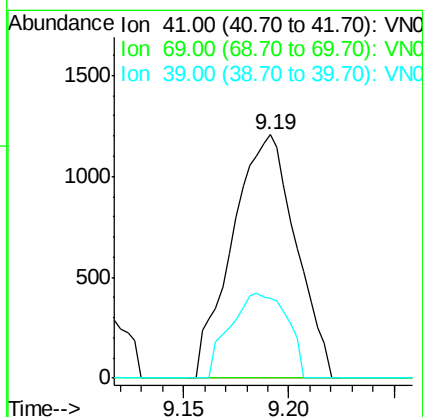
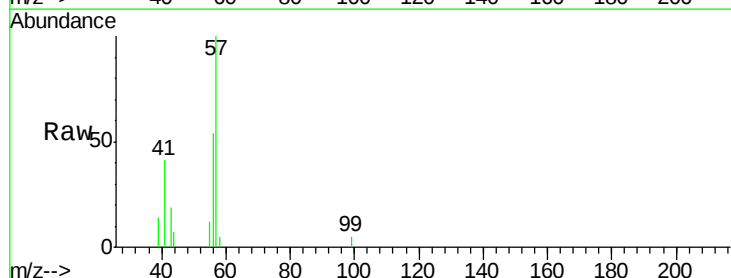
Instrument :
MSVOA_N
ClientSampleId :

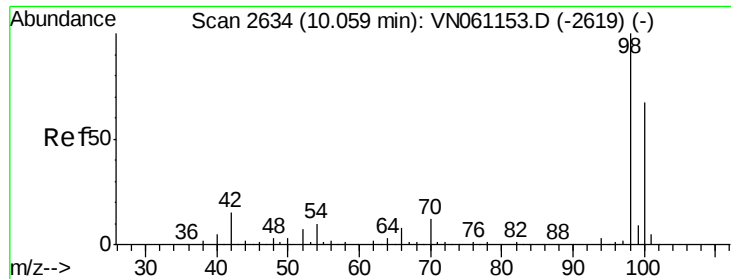
Tot Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
61 0.0 19.5 29.3#
87 0.0 8.9 13.3#



#48
Methyl methacrylate
Concen: 1.697 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. 0.03 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion: 41 Resp: 2520
Ion Ratio Lower Upper
41 100
69 0.0 60.3 90.5#
39 31.4 47.4 71.0#

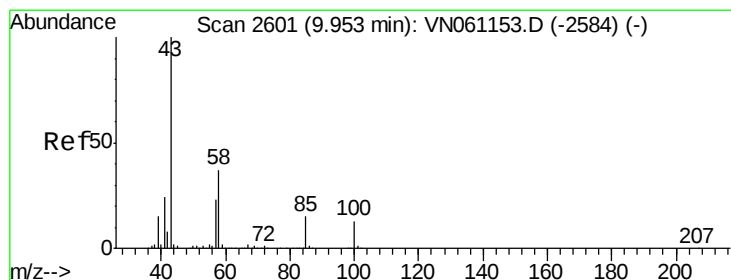
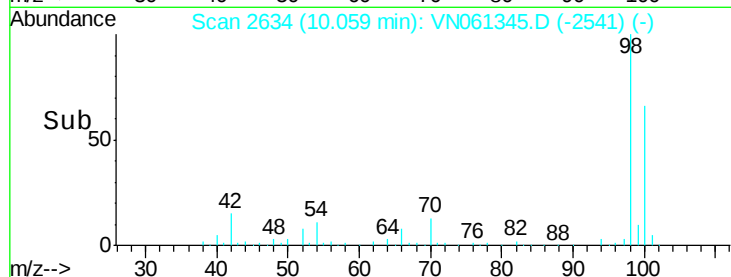
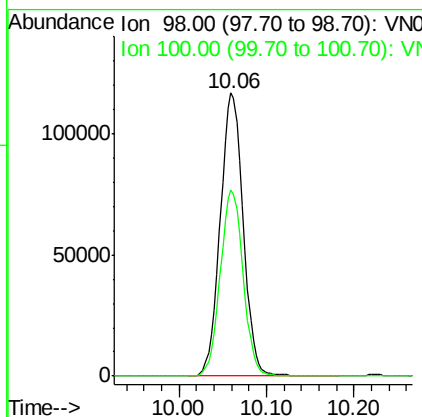
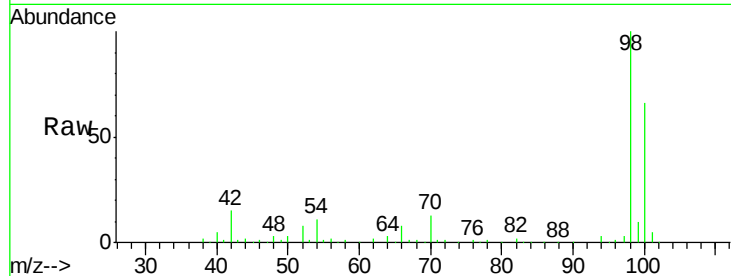




#50
Toluene-d8
Concen: 52.274 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

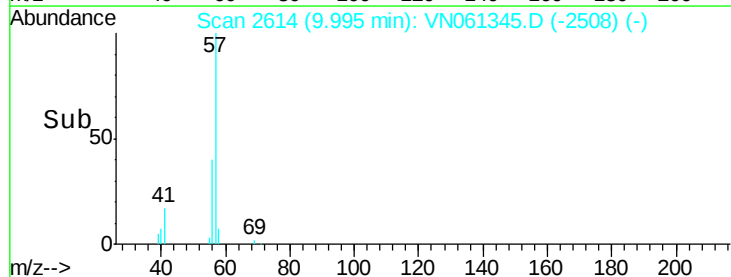
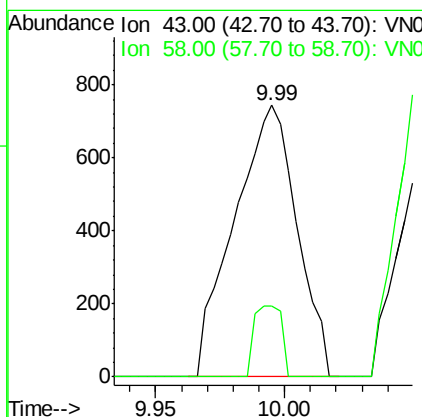
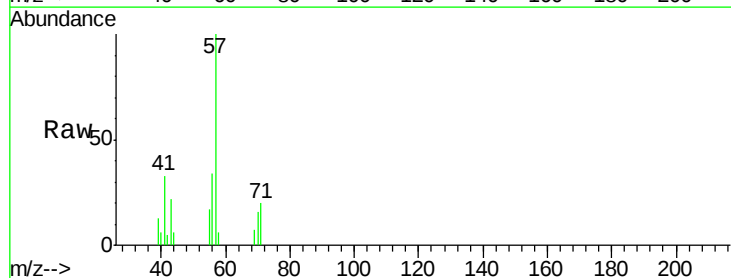
Instrument :
MSVOA_N
ClientSampleId :

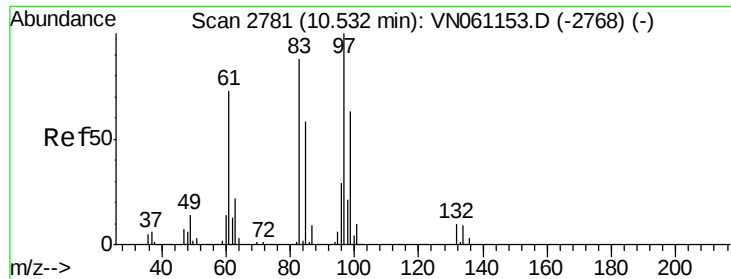
Tot Ion: 98 Resp: 212854
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.652 ug/l
RT: 9.99 min Scan# 2614
Delta R.T. 0.04 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 11.3 29.1 43.7#

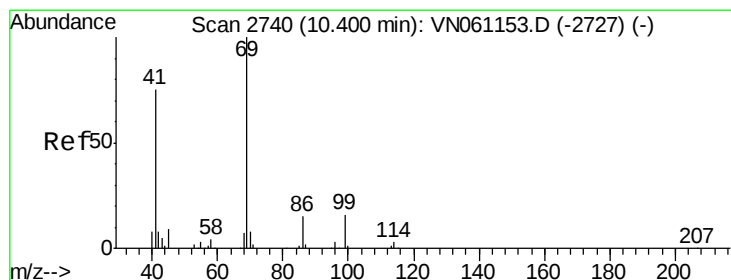
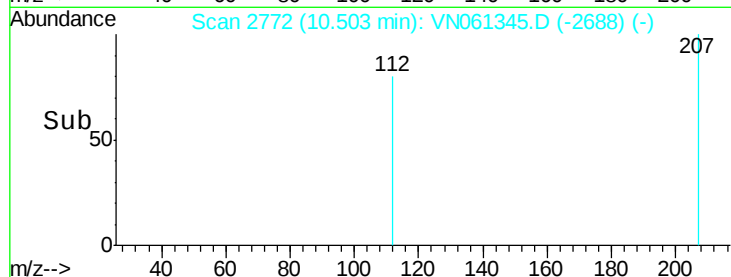
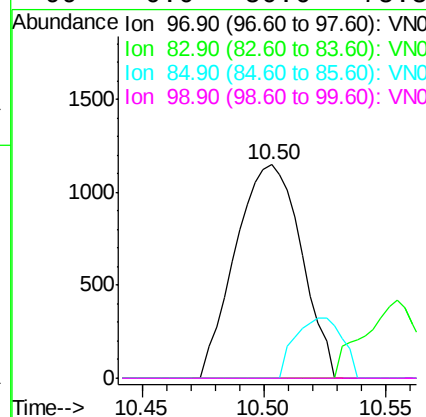
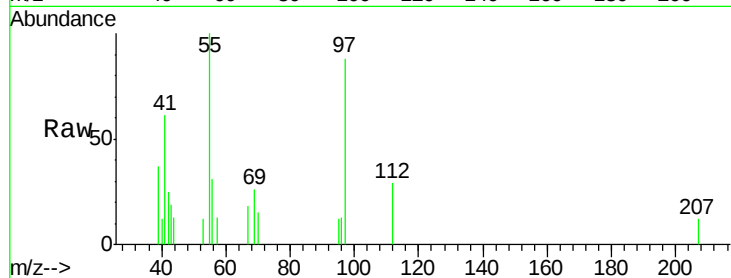




#55
 1,1,2-Trichloroethane
 Concen: 1.776 ug/l
 RT: 10.50 min Scan# 2772
 Delta R.T. -0.03 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

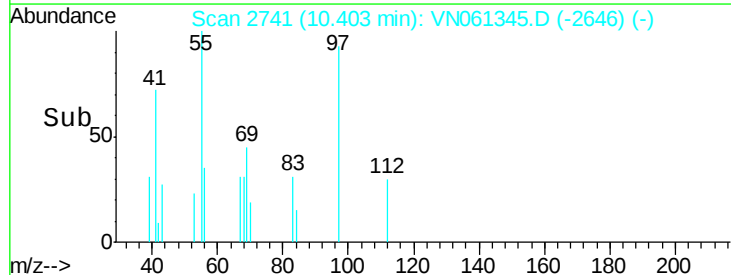
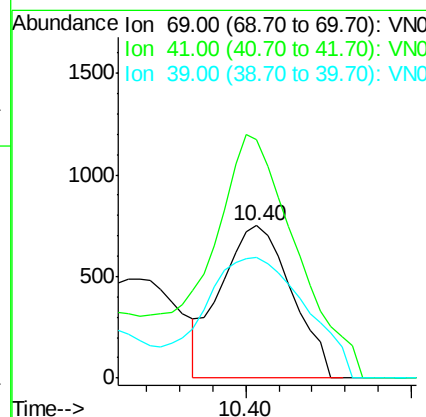
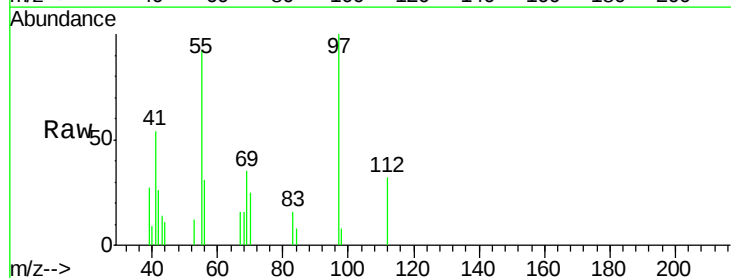
Instrument :
 MSVOA_N
 ClientSampleId :

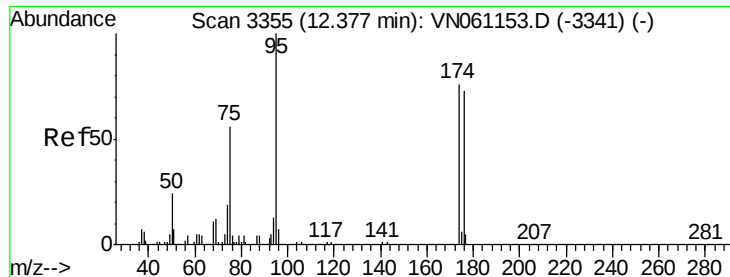
Tot Ion: 97 Resp: 2150
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.6 106.0#
 85 0.0 46.4 69.6#
 99 0.0 50.6 75.8#



#56
 Ethyl methacrylate
 Concen: 3.225 ug/l
 RT: 10.40 min Scan# 2741
 Delta R.T. 0.00 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

Tgt Ion: 69 Resp: 1110
 Ion Ratio Lower Upper
 69 100
 41 189.5 60.3 90.5#
 39 114.4 35.9 53.9#





#62

4-Bromofluorobenzene

Concen: 52.133 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

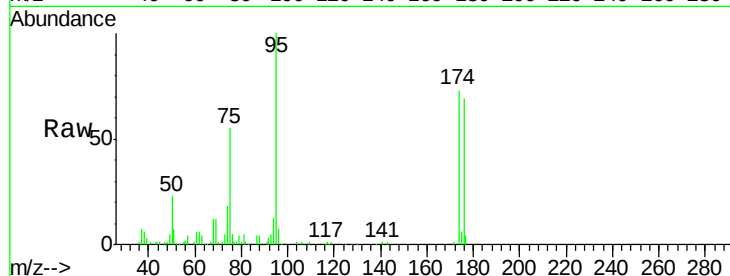
Tot Ion: 95 Resp: 79884

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.4

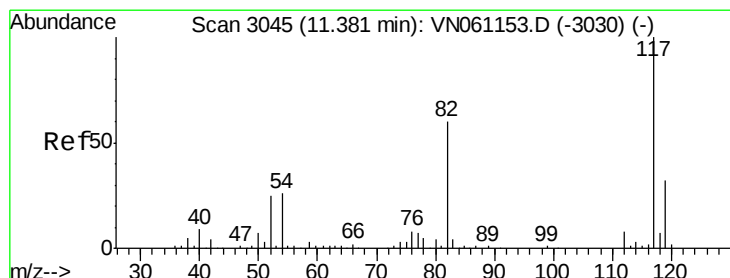
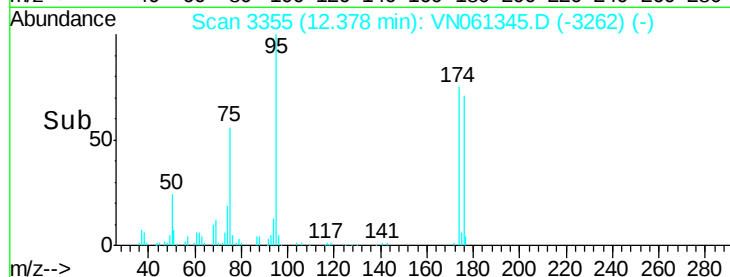
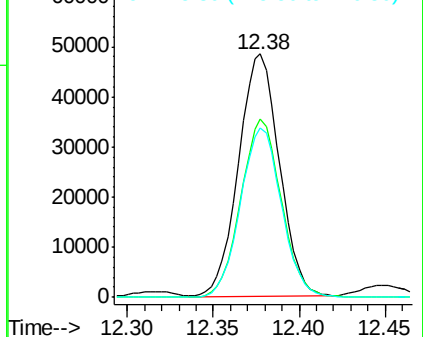
176 70.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

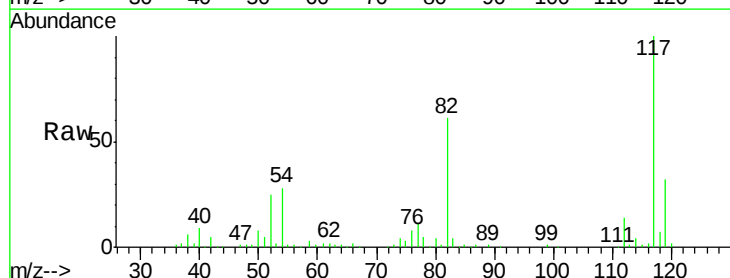
Tgt Ion: 117 Resp: 160551

Ion Ratio Lower Upper

117 100

82 61.3 47.8 71.8

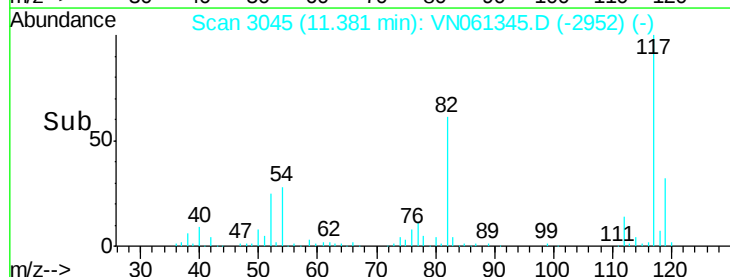
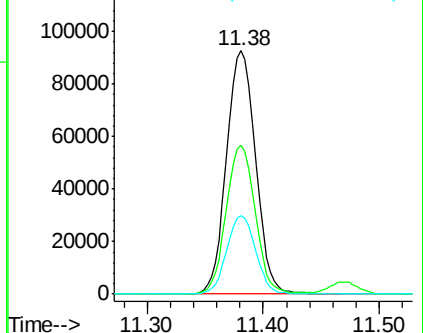
119 32.3 25.8 38.6

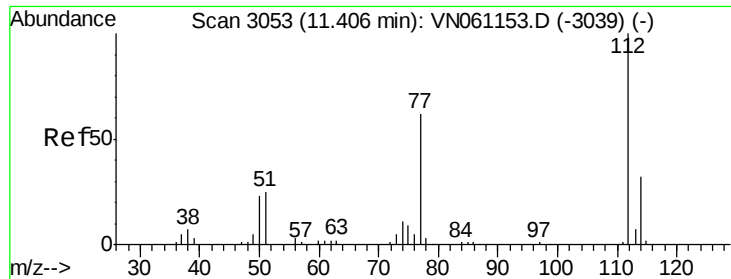


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

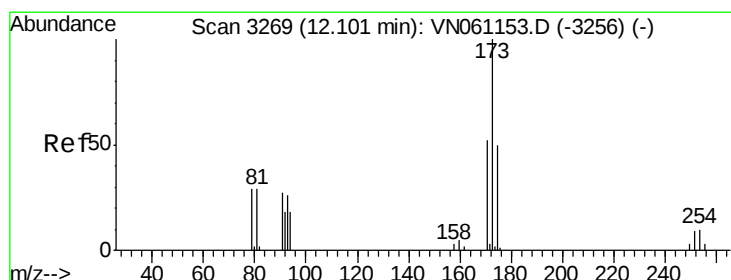
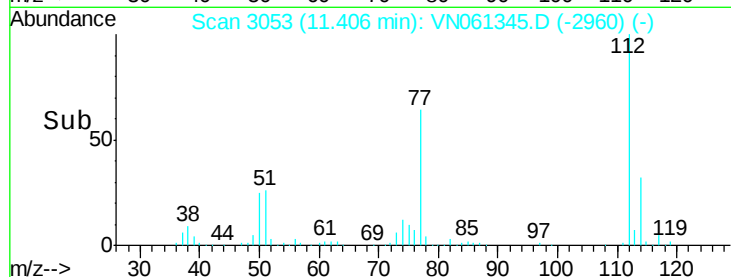
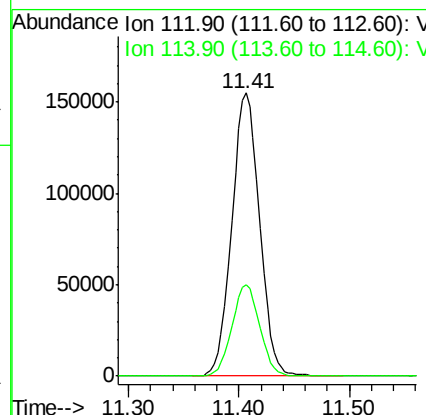
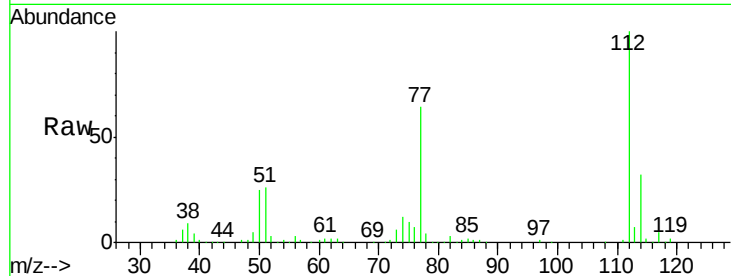




#65
Chlorobenzene
Concen: 84.846 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

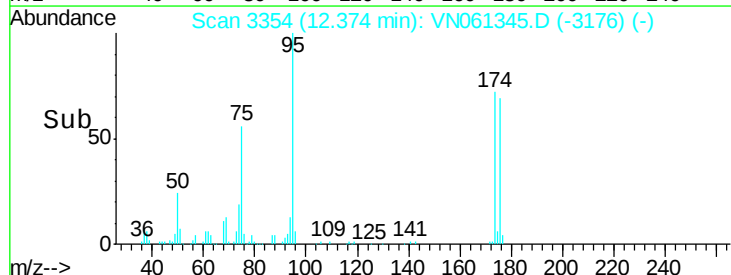
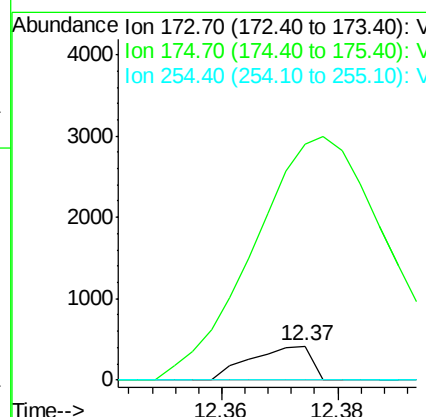
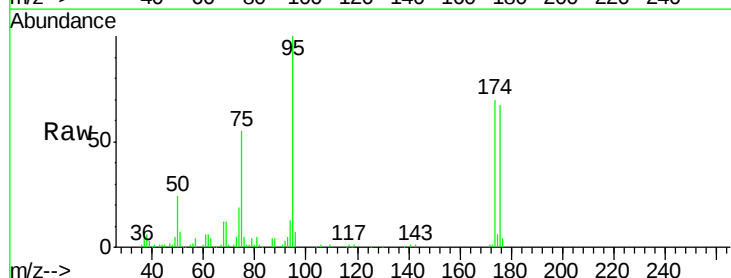
Instrument :
MSVOA_N
ClientSampled :

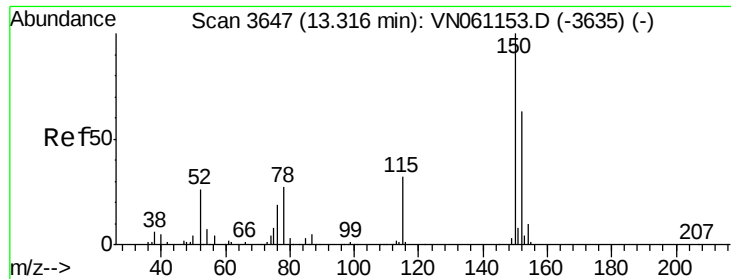
Tot Ion:112 Resp: 270217
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#71
Bromoform
Concen: 0.359 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. 0.27 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion:173 Resp: 301
Ion Ratio Lower Upper
173 100
175 1366.8 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

Instrument :

MSVOA_N

ClientSampled :

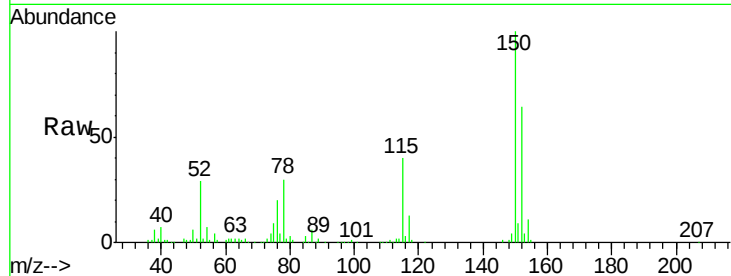
Tot Ion:152 Resp: 74515

Ion Ratio Lower Upper

152 100

115 62.2 31.0 93.0

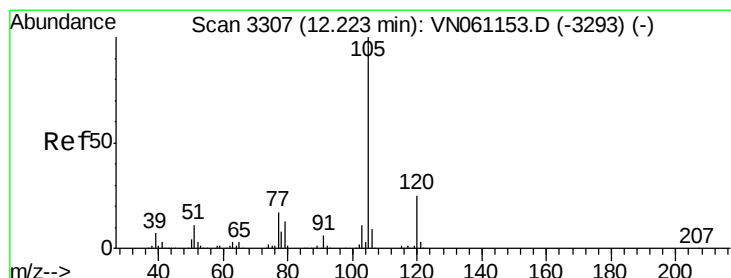
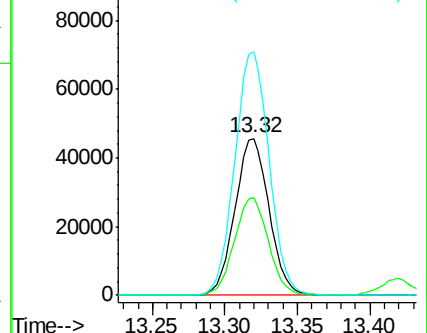
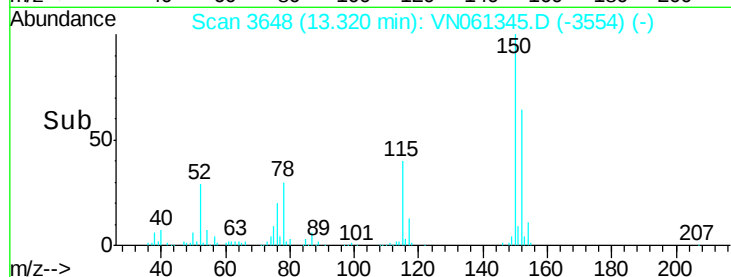
150 156.7 0.0 351.8



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: 0.243 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061345.D

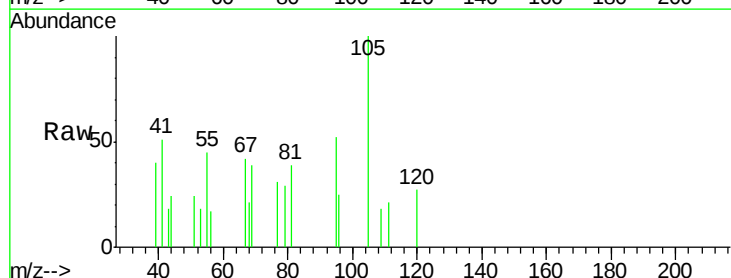
Acq: 7 May 2020 19:35

Tgt Ion:105 Resp: 1331

Ion Ratio Lower Upper

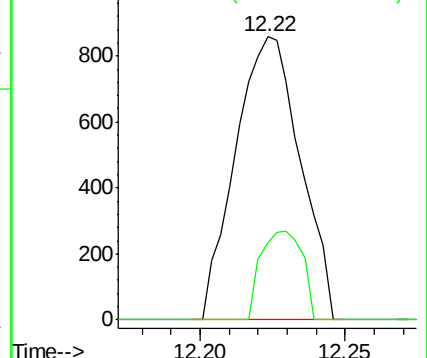
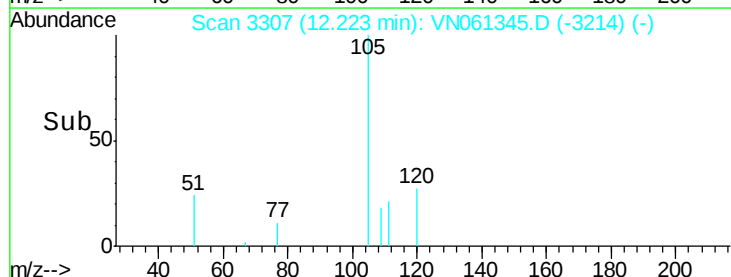
105 100

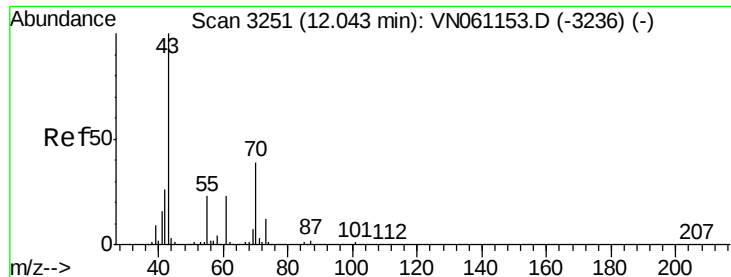
120 20.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.205 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.02 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 570

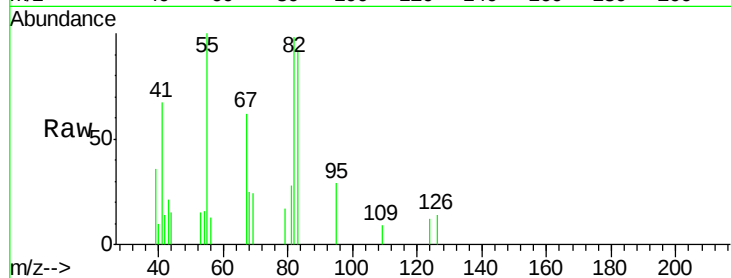
Ion Ratio Lower Upper

43 100

70 0.0 30.6 46.0#

55 465.3 18.5 27.7#

61 0.0 17.9 26.9#

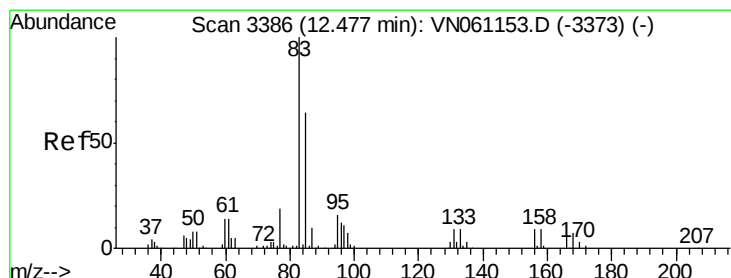
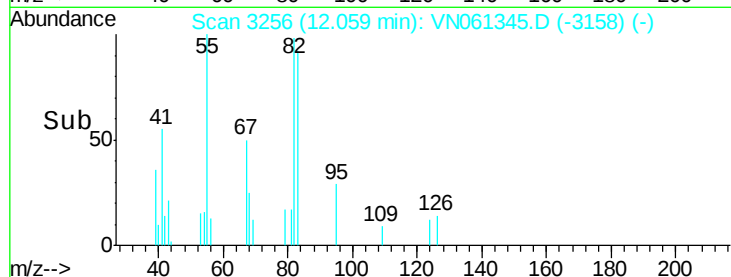
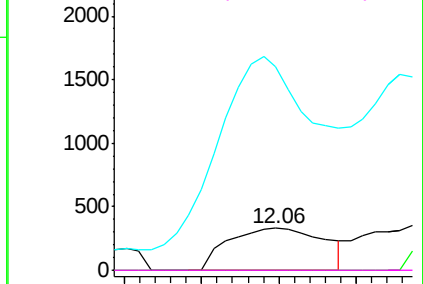


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.302 ug/l

RT: 12.45 min Scan# 3376

Delta R.T. -0.03 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

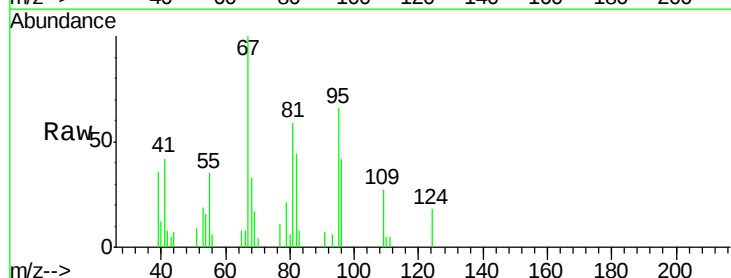
Tgt Ion: 83 Resp: 515

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

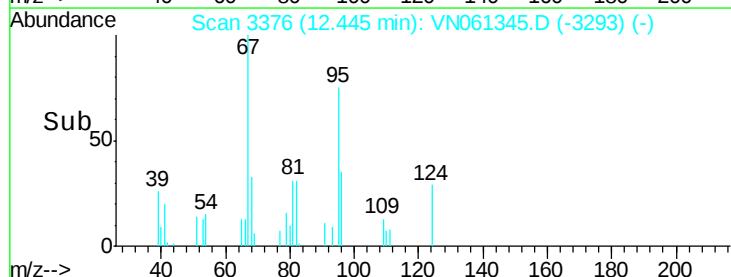
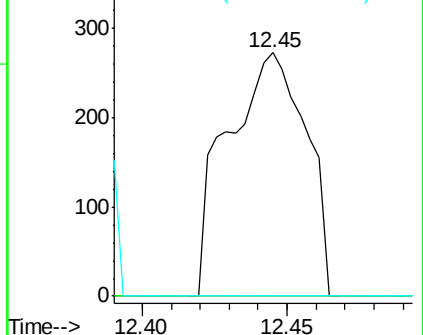
85 0.0 32.0 96.0#

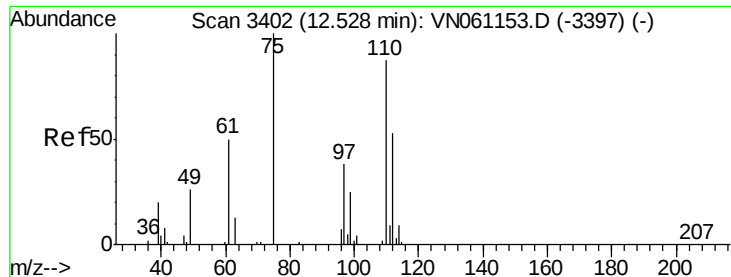


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

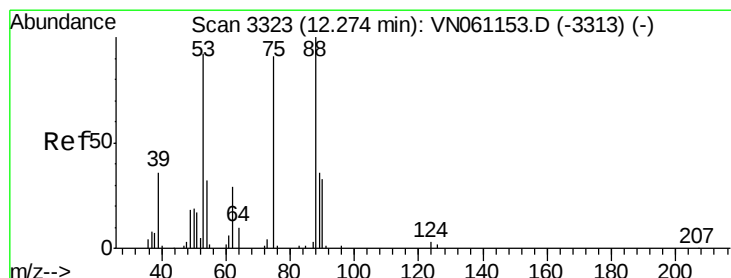
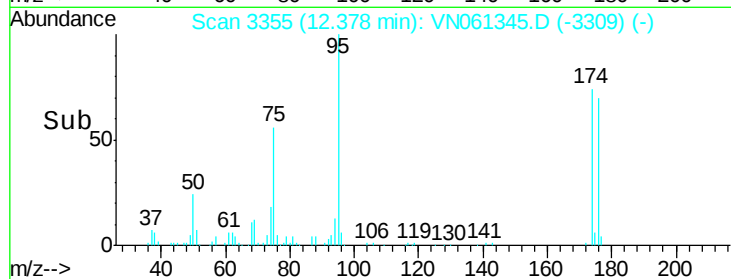
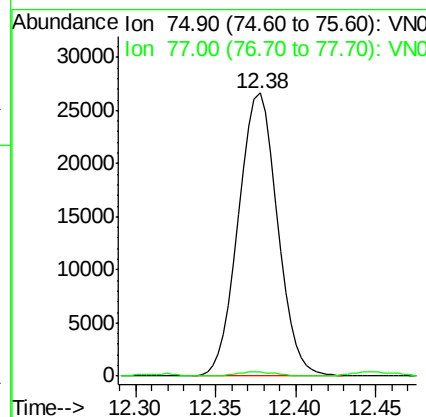
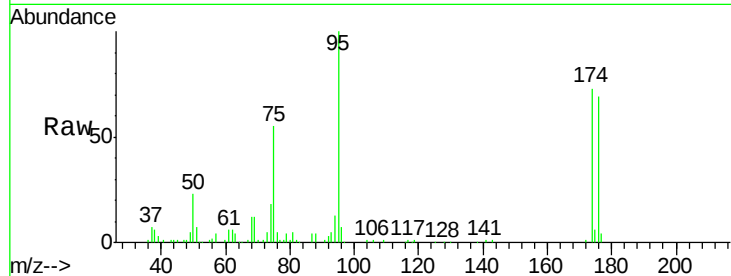




#76
 1,2,3-Trichloropropane
 Concen: 28.248 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

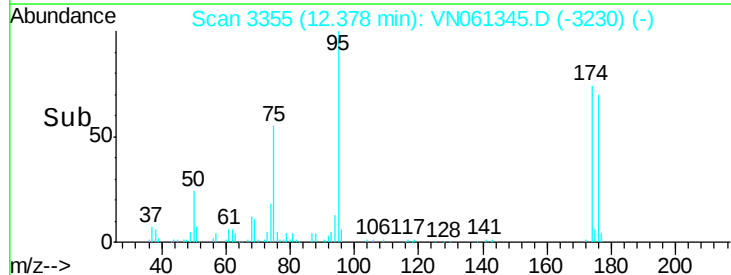
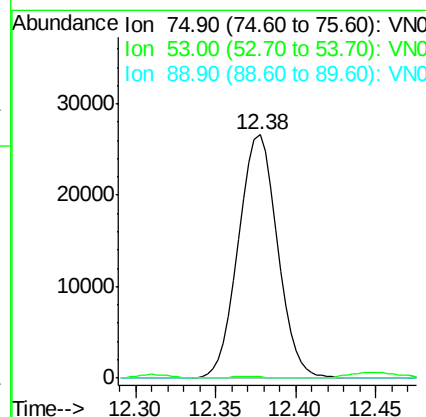
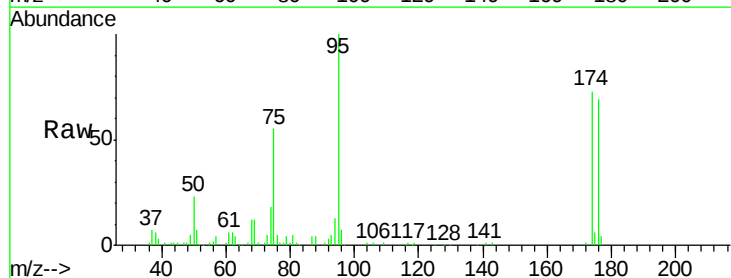
Instrument :
 MSVOA_N
 ClientSampled :

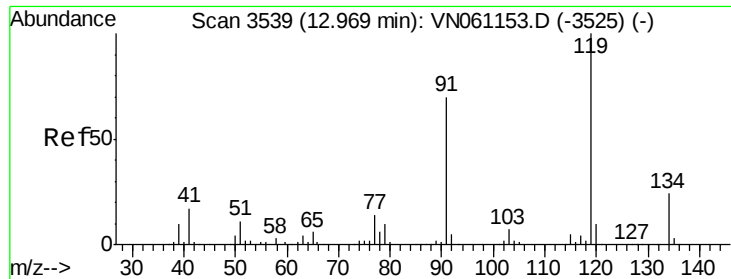
Tot Ion: 75 Resp: 44377
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.735 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061345.D
 Acq: 7 May 2020 19:35

Tgt Ion: 75 Resp: 44377
 Ion Ratio Lower Upper
 75 100
 53 0.5 84.1 126.1#
 89 0.0 35.2 52.8#

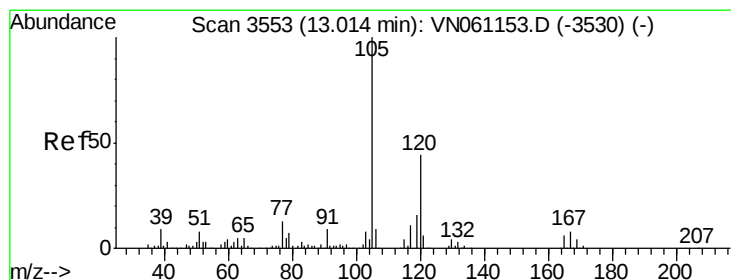
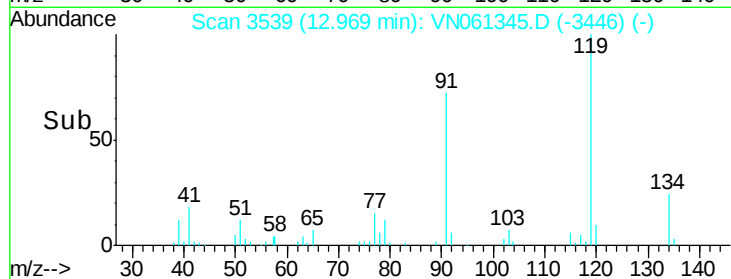
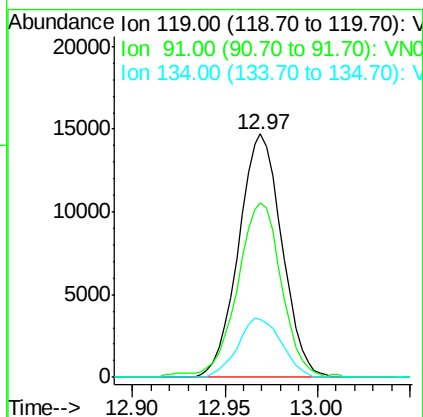
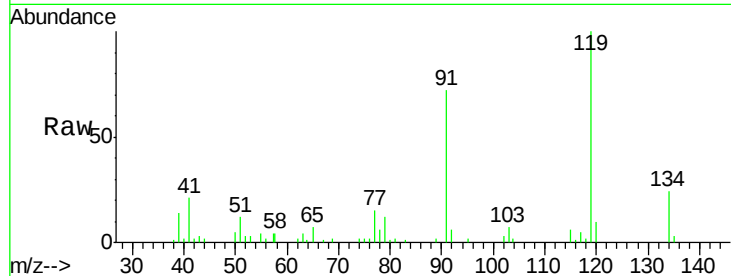




#83
tert-Butylbenzene
Concen: 6.227 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

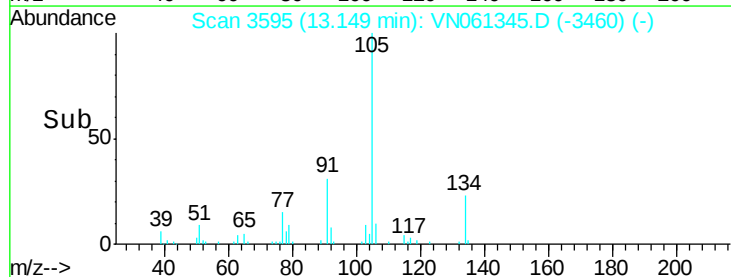
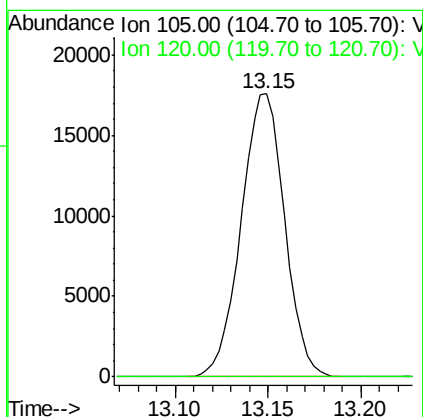
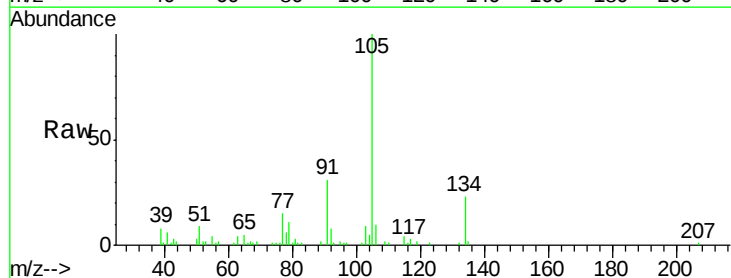
Instrument :
MSVOA_N
ClientSampleId :

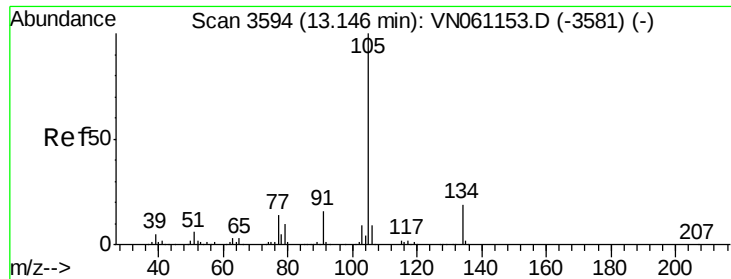
Tot Ion:119 Resp: 23807
Ion Ratio Lower Upper
119 100
91 73.3 34.8 104.4
134 24.5 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 6.146 ug/l
RT: 13.15 min Scan# 3595
Delta R.T. 0.14 min
Lab File: VN061345.D
Acq: 7 May 2020 19:35

Tgt Ion:105 Resp: 28711
Ion Ratio Lower Upper
105 100
120 0.0 22.2 66.6#





#85

sec-Butylbenzene

Concen: 5.508 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

Instrument :

MSVOA_N

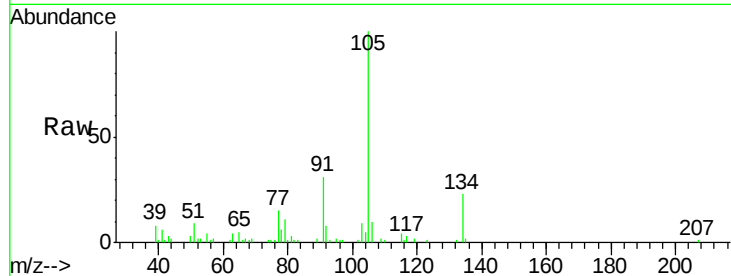
ClientSampled :

Tot Ion:105 Resp: 28711

Ion Ratio Lower Upper

105 100

134 46.4 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

20000

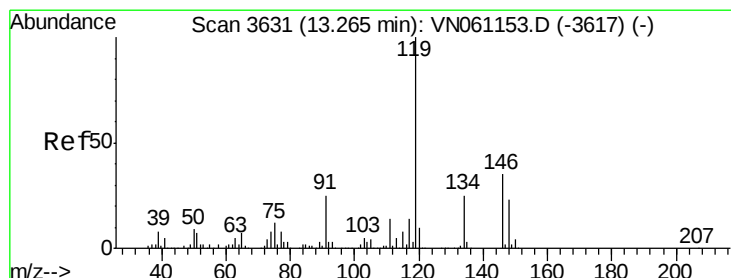
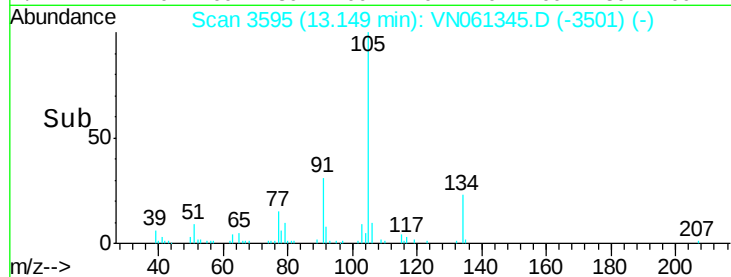
15000

10000

5000

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 18.358 ug/l

RT: 13.42 min Scan# 3679

Delta R.T. 0.15 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

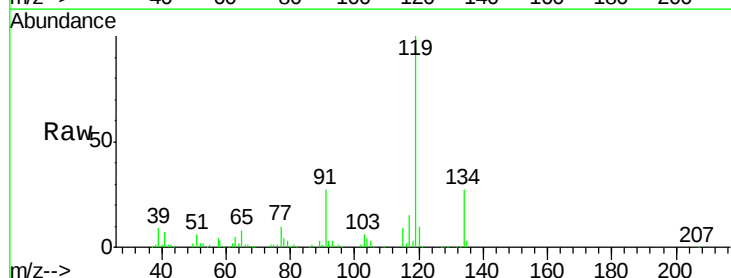
Tgt Ion:119 Resp: 86211

Ion Ratio Lower Upper

119 100

134 26.6 12.6 37.6

91 27.5 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

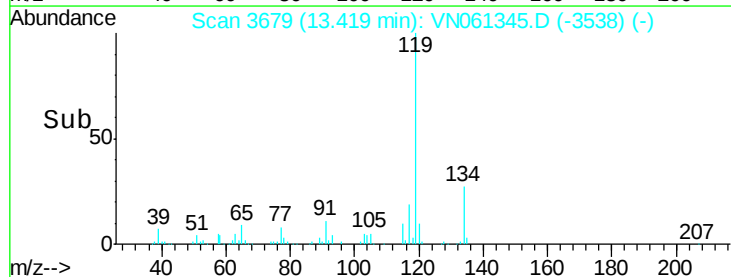
60000

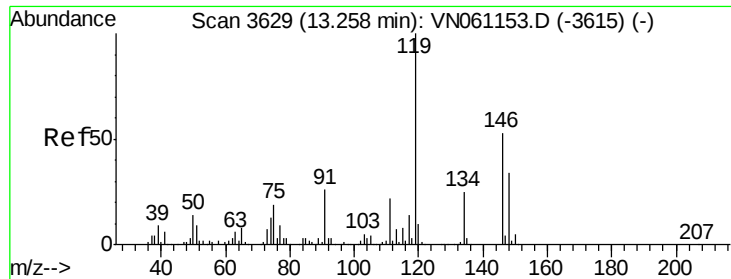
40000

20000

0

Time--> 13.35 13.40 13.45





#87

1,3-Dichlorobenzene

Concen: 0.283 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

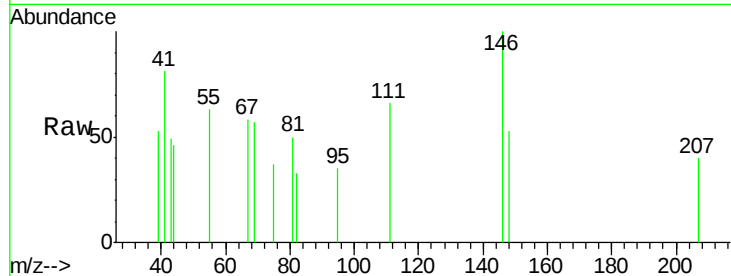
Tot Ion:146 Resp: 658

Ion Ratio Lower Upper

146 100

111 66.4 20.7 62.1#

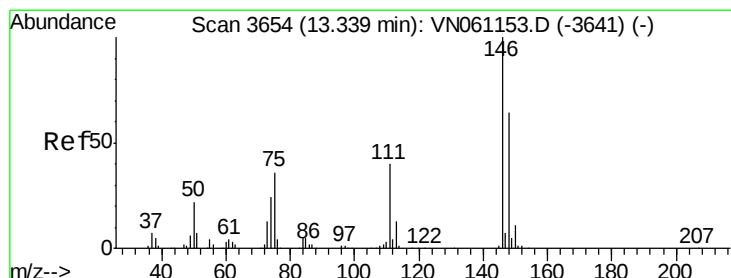
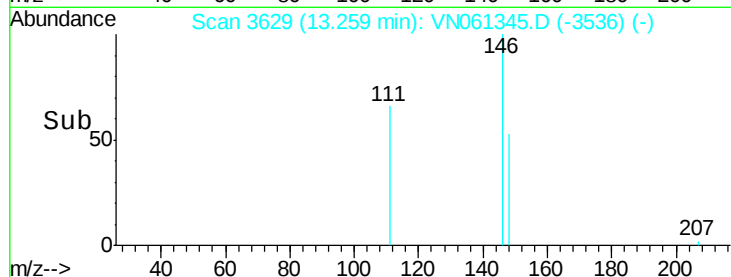
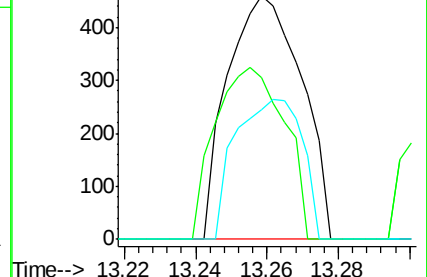
148 51.8 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 1.526 ug/l

RT: 13.34 min Scan# 3654

Delta R.T. 0.00 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

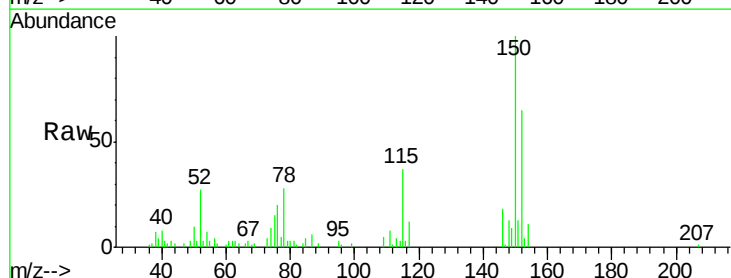
Tgt Ion:146 Resp: 3630

Ion Ratio Lower Upper

146 100

111 74.6 20.4 61.3#

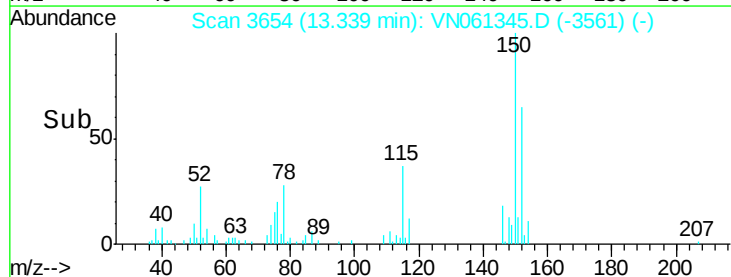
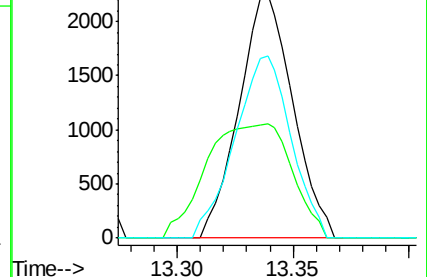
148 77.8 31.9 95.7

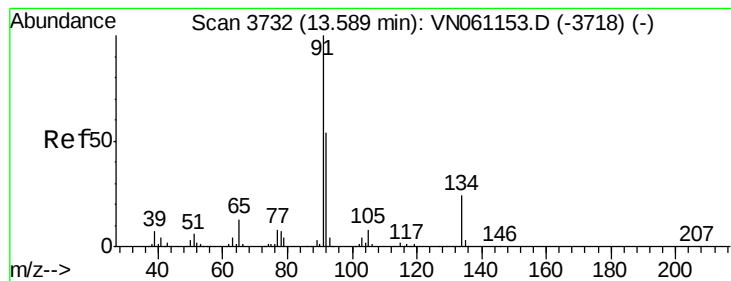


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.975 ug/l

RT: 13.57 min Scan# 3726

Delta R.T. -0.02 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

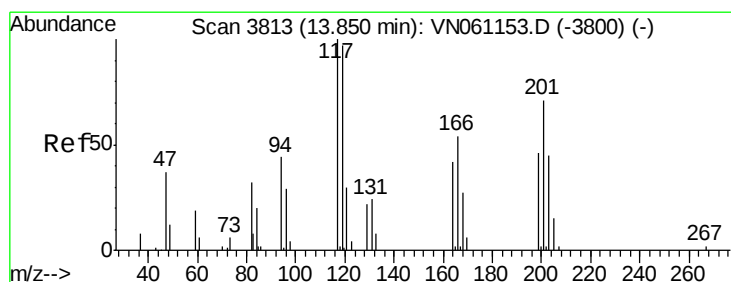
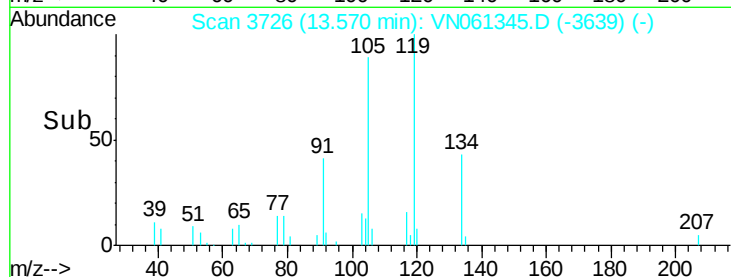
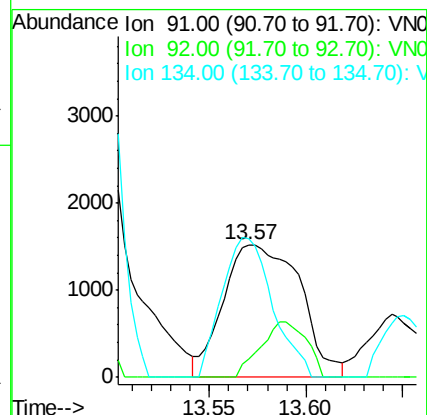
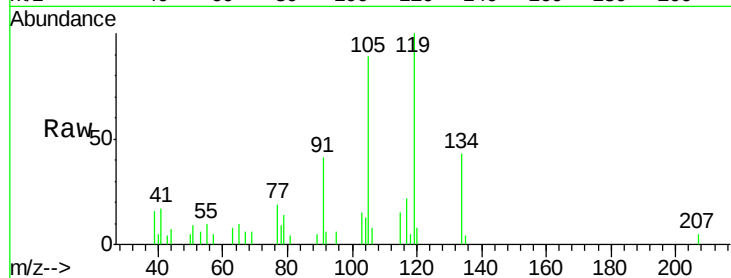
Tot Ion: 91 Resp: 4196

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.3#

134 69.7 11.9 35.5#



#90

Hexachloroethane

Concen: 18.067 ug/l

RT: 13.87 min Scan# 3818

Delta R.T. 0.02 min

Lab File: VN061345.D

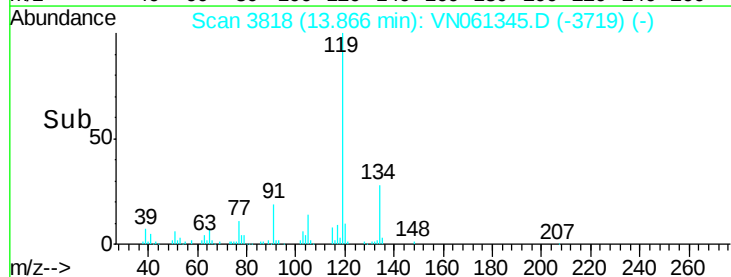
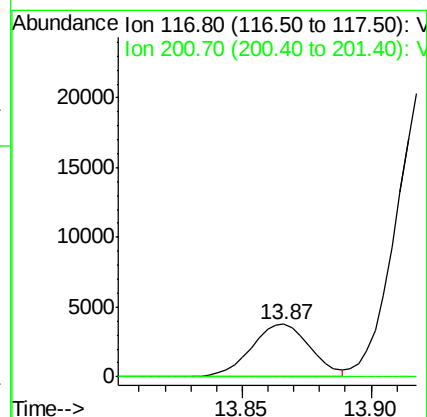
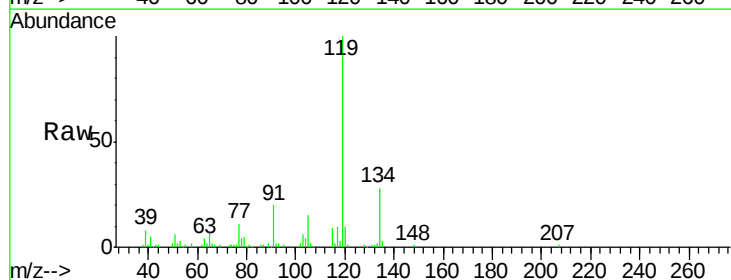
Acq: 7 May 2020 19:35

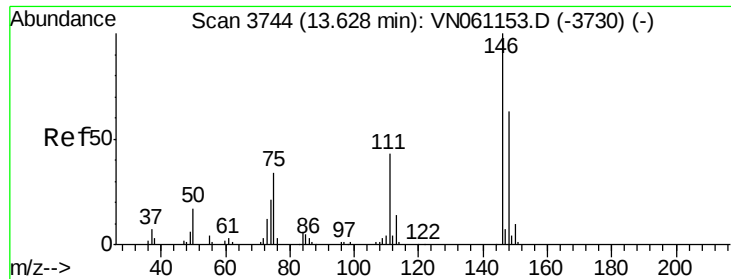
Tgt Ion: 117 Resp: 6035

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#





#91

1,2-Dichlorobenzene

Concen: 1.050 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

Instrument :

MSVOA_N

ClientSampled :

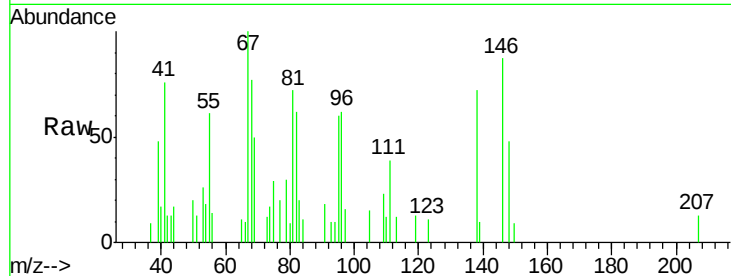
Tot Ion:146 Resp: 2344

Ion Ratio Lower Upper

146 100

111 46.2 21.8 65.3

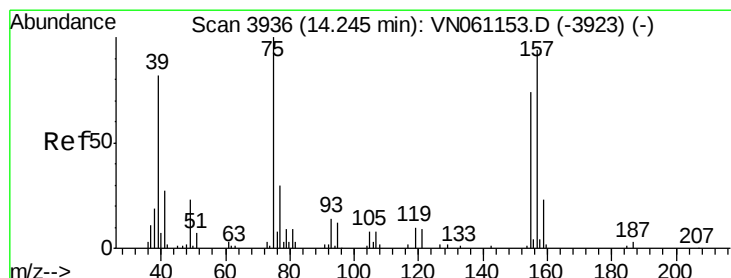
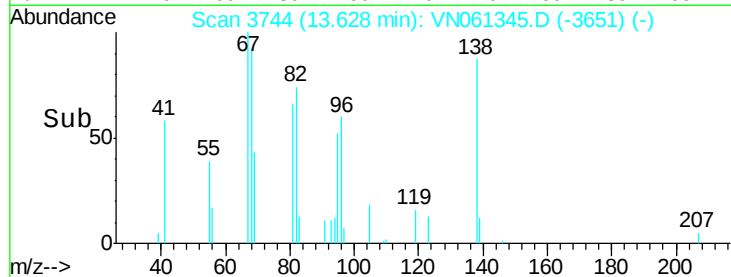
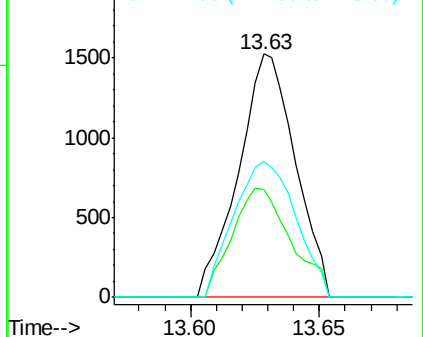
148 61.1 31.6 95.0



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: 0.632 ug/l

RT: 14.30 min Scan# 3953

Delta R.T. 0.05 min

Lab File: VN061345.D

Acq: 7 May 2020 19:35

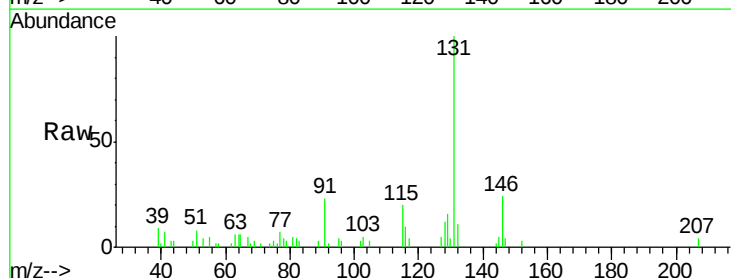
Tgt Ion: 75 Resp: 228

Ion Ratio Lower Upper

75 100

155 0.0 36.5 109.7#

157 0.0 46.6 139.7#



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

