

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061355.D
 Acq On : 8 May 2020 12:40
 Operator : JC/MD
 Sample : L2544-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:12:16 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	93787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	171037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76633	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	77960	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
35) Dibromofluoromethane	7.55	113	51177	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	10.06	98	221572	53.74	ug/l	0.00
Spiked Amount			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.37	95	86875	55.99	ug/l	0.00
Spiked Amount			Recovery	=	111.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	520	0.432	ug/l #	78
11) Tert butyl alcohol	4.74	59	323	1.625	ug/l #	72
14) Allyl chloride	4.49	41	7488	4.081	ug/l #	64
16) Acetone	3.77	43	2275	Below Cal		96
18) Methyl Acetate	4.48	43	15994	9.101	ug/l #	55
25) 2-Butanone	6.78	43	851	0.969	ug/l #	53
31) Cyclohexane	7.62	56	4670	2.163	ug/l #	55
36) 1,1-Dichloropropene	7.63	75	8734	5.101	ug/l #	49
37) Ethyl Acetate	6.78	43	851	0.424	ug/l #	71
38) Carbon Tetrachloride	7.63	117	9859	8.309	ug/l #	16
39) Methylcyclohexane	9.01	83	13686	7.128	ug/l #	28
41) Methacrylonitrile	7.34	41	2012	2.414	ug/l #	100
43) Isopropyl Acetate	8.17	43	35111	10.540	ug/l #	57
47) Bromodichloromethane	9.33	83	1498	0.827	ug/l #	25
48) Methyl methacrylate	9.19	41	12656	8.419	ug/l #	38
51) 4-Methyl-2-Pentanone	9.99	43	6083	3.102	ug/l #	71
55) 1,1,2-Trichloroethane	10.50	97	10671	8.707	ug/l #	20
56) Ethyl methacrylate	10.41	69	1454	3.371	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.62	63	523	0.527	ug/l #	49
59) 2-Hexanone	10.69	43	3165	2.219	ug/l #	27
65) Chlorobenzene	11.41	112	104317	31.657	ug/l	100
71) Bromoform	12.38	173	282	0.325	ug/l #	1
73) Isopropylbenzene	12.22	105	13181	2.340	ug/l	99
74) N-ethyl acetate	12.06	43	1270	0.445	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.45	83	1716	0.977	ug/l #	25
76) 1,2,3-Trichloropropane	12.37	75	46224	28.611	ug/l #	100
78) n-propylbenzene	12.56	91	3618	0.541	ug/l #	76
81) trans-1,4-Dichloro-2-buten	12.37	75	46224	72.656	ug/l #	9
82) 4-Chlorotoluene	12.56	91	3618	0.874	ug/l #	43
83) tert-Butylbenzene	12.97	119	36925	9.392	ug/l	93
84) 1,2,4-Trimethylbenzene	13.15	105	118666	24.702	ug/l #	32
85) sec-Butylbenzene	13.15	105	118666	22.138	ug/l #	51
86) p-Isopropyltoluene	13.42	119	135086	27.971	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	1641	0.685	ug/l #	65

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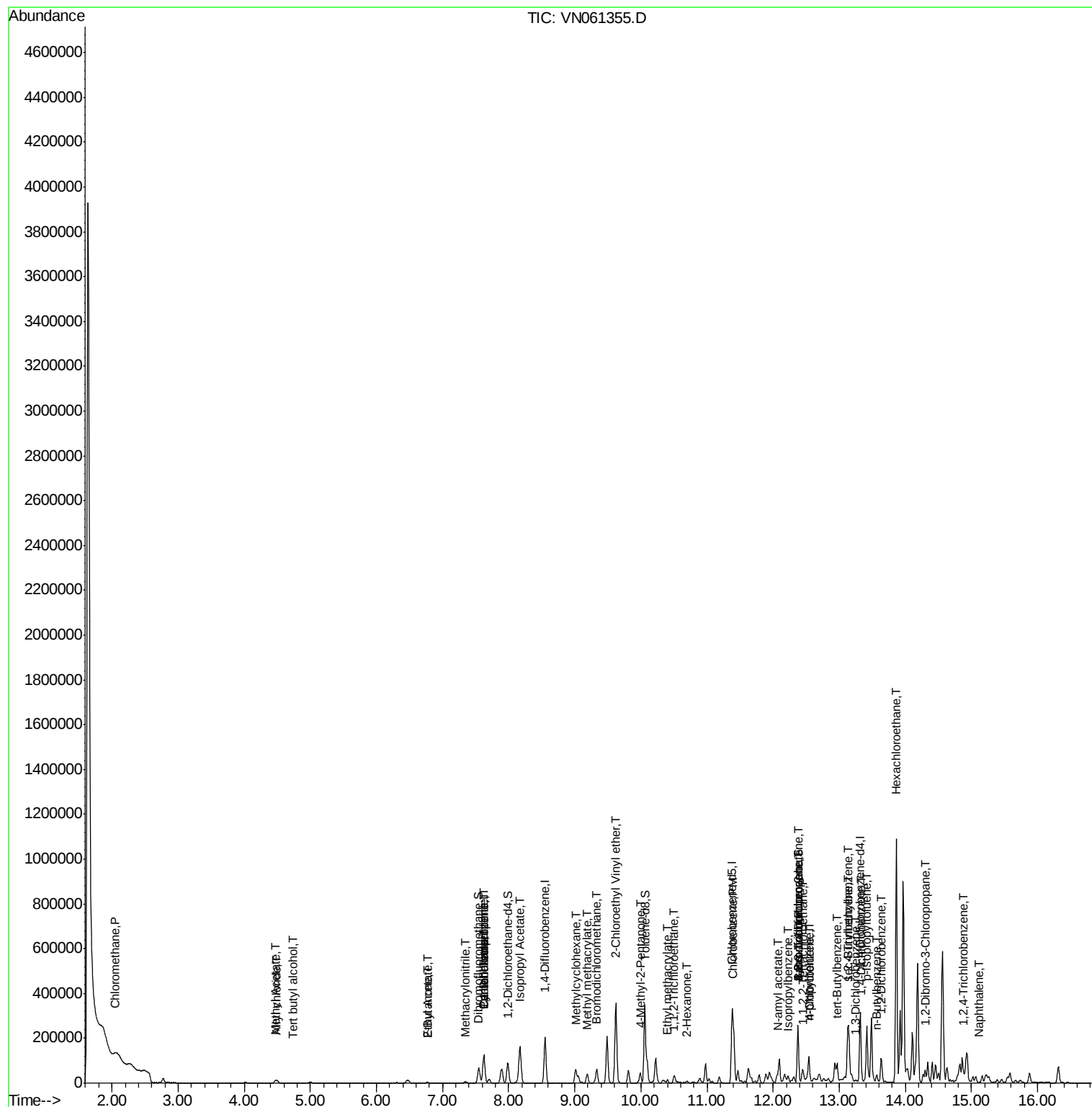
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.34	146	4248	1.737	ug/l #	71
89) n-Butylbenzene	13.57	91	5095	1.151	ug/l #	21
90) Hexachloroethane	13.87	117	53057	96.886	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	1396	0.608	ug/l #	77
92) 1,2-Dibromo-3-Chloropropan	14.30	75	356	0.960	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.89	180	306	0.219	ug/l #	1
95) Naphthalene	15.11	128	1409	0.310	ug/l #	82

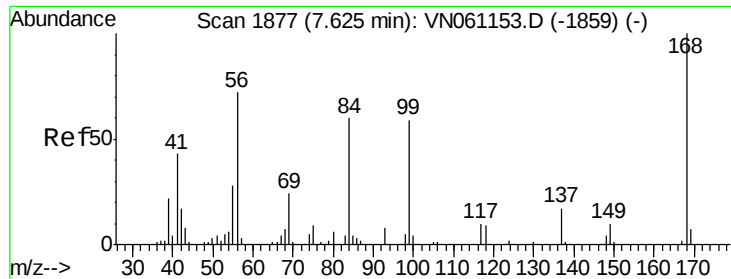
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

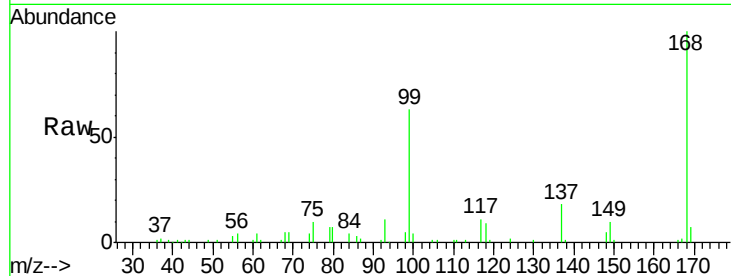
ClientSampled :

Tot Ion:168 Resp: 93787

Ion Ratio Lower Upper

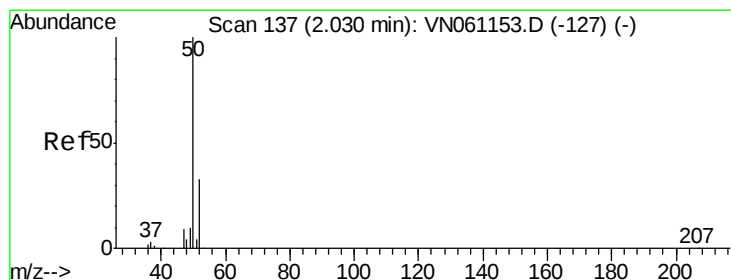
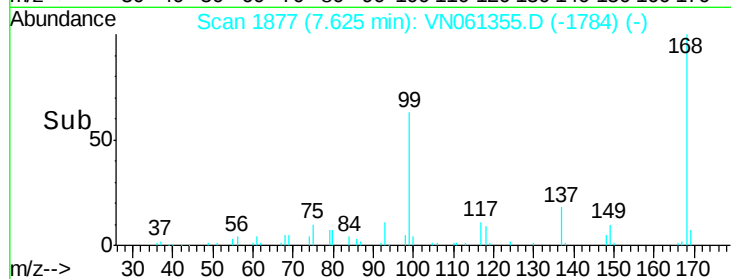
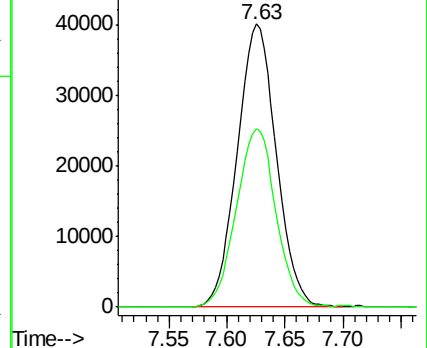
168 100

99 62.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.432 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061355.D

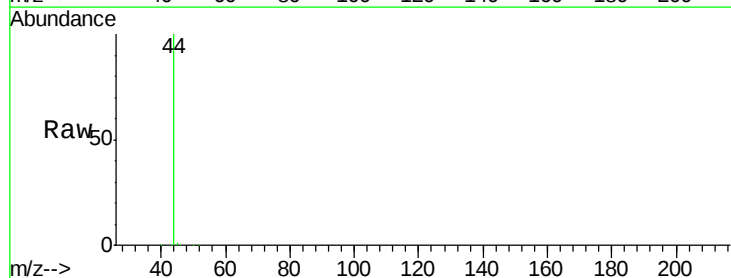
Acq: 8 May 2020 12:40

Tgt Ion: 50 Resp: 520

Ion Ratio Lower Upper

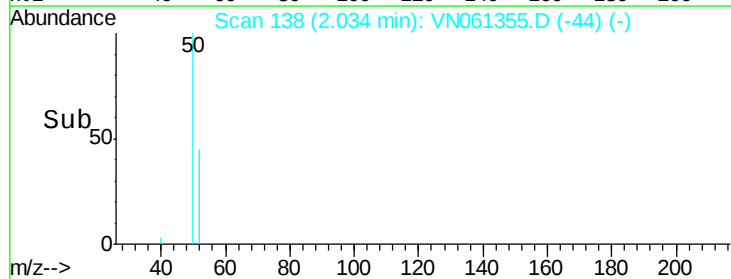
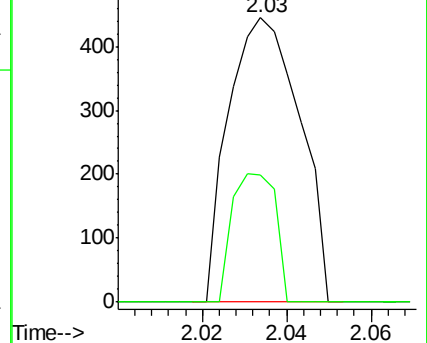
50 100

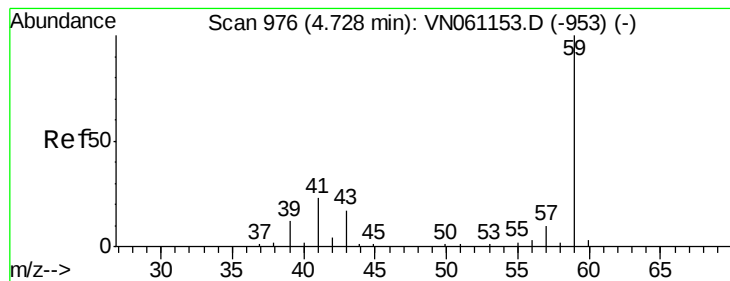
52 44.6 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



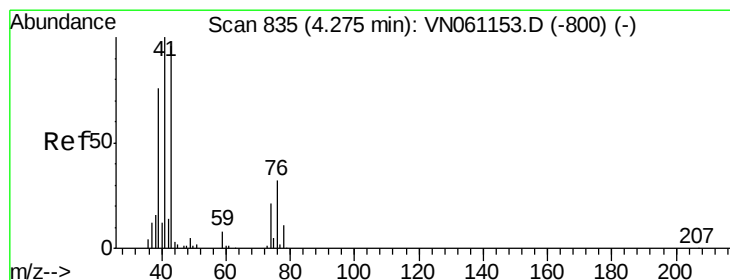
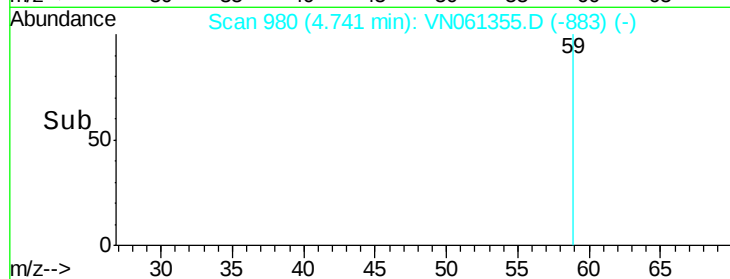
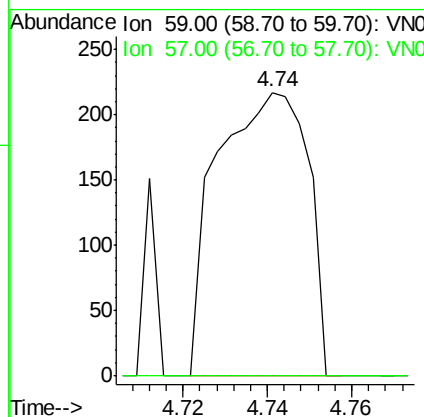
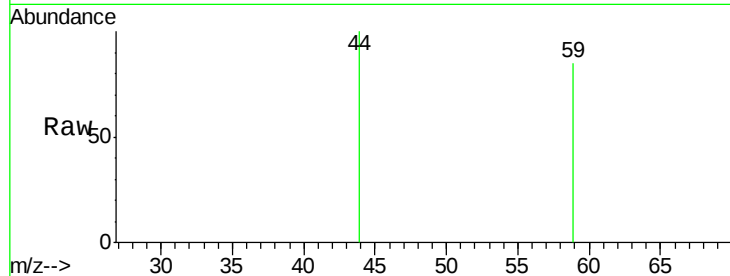


#11

Tert butyl alcohol
 Concen: 1.625 ug/l
 RT: 4.74 min Scan# 980
 Delta R.T. 0.01 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :

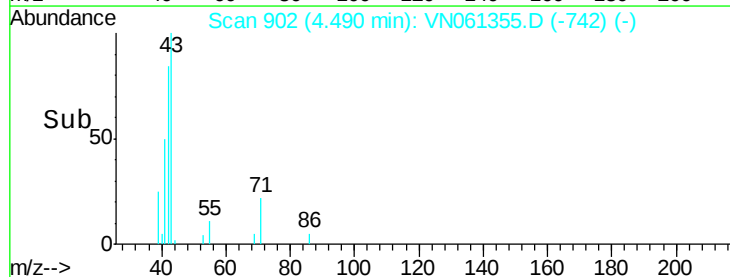
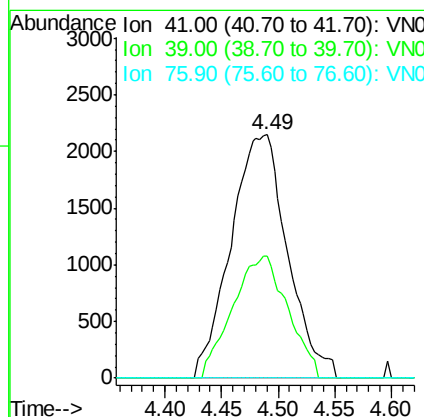
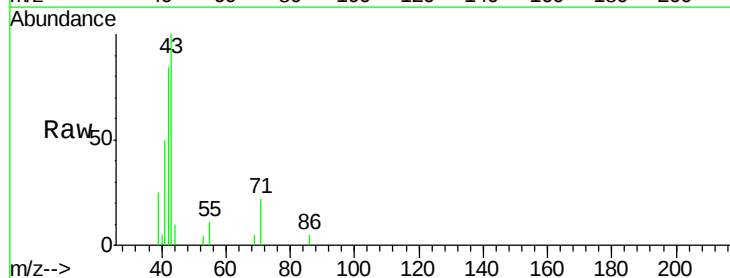
Tot Ion: 59 Resp: 323
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

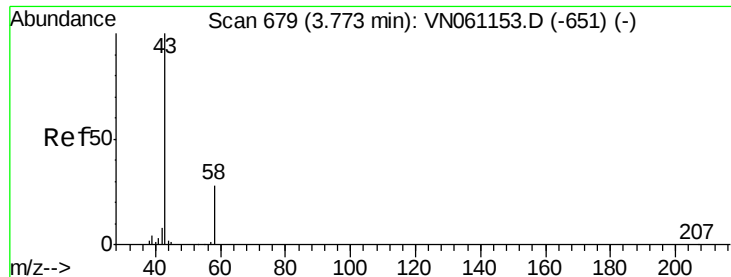


#14

Allyl chloride
 Concen: 4.081 ug/l
 RT: 4.49 min Scan# 902
 Delta R.T. 0.22 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion: 41 Resp: 7488
 Ion Ratio Lower Upper
 41 100
 39 48.7 57.1 85.7#
 76 0.0 24.3 36.5#





#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

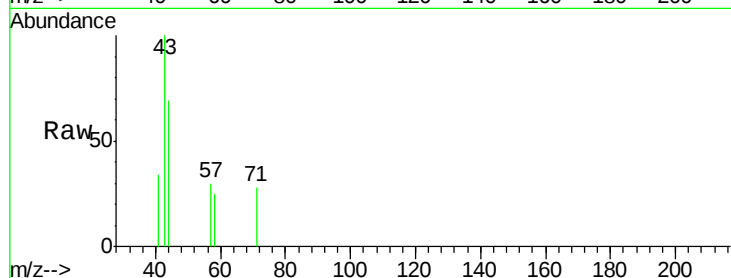
ClientSampleId :

Tot Ion: 43 Resp: 2275

Ion Ratio Lower Upper

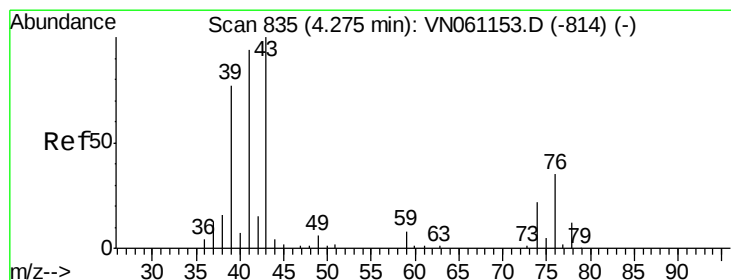
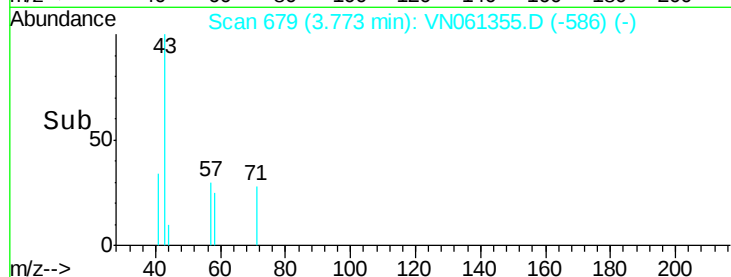
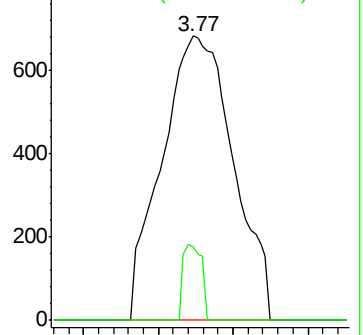
43 100

58 25.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 9.101 ug/l

RT: 4.48 min Scan# 898

Delta R.T. 0.20 min

Lab File: VN061355.D

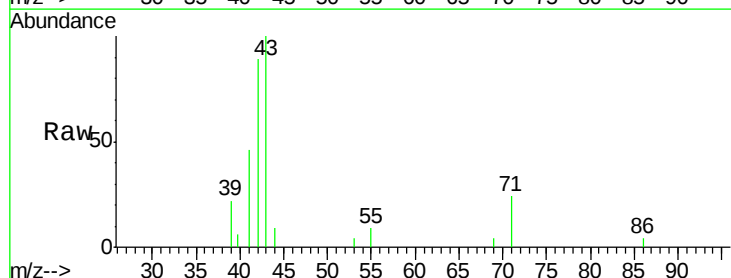
Acq: 8 May 2020 12:40

Tgt Ion: 43 Resp: 15994

Ion Ratio Lower Upper

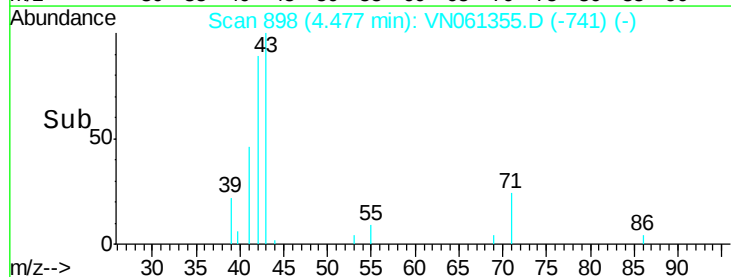
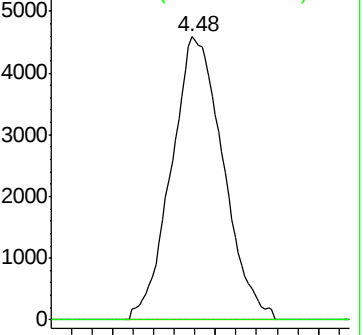
43 100

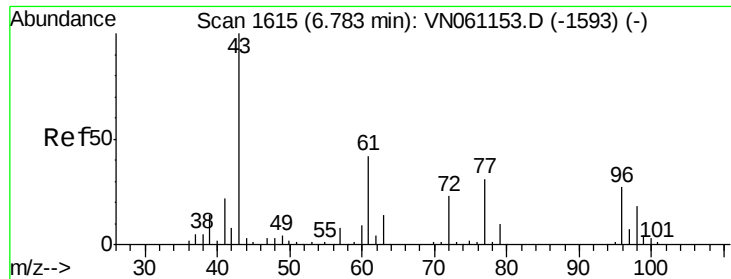
74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

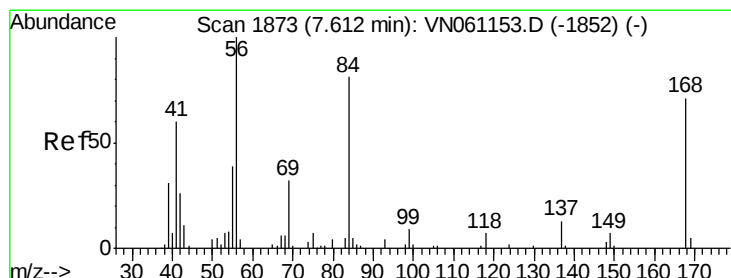
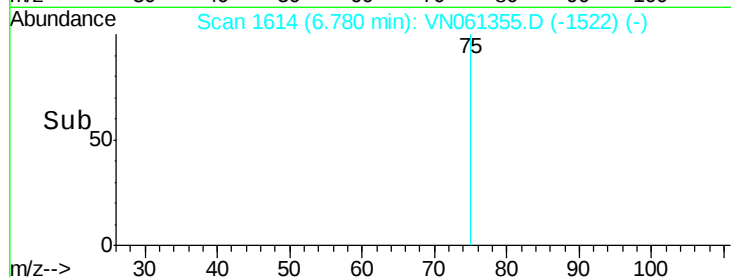
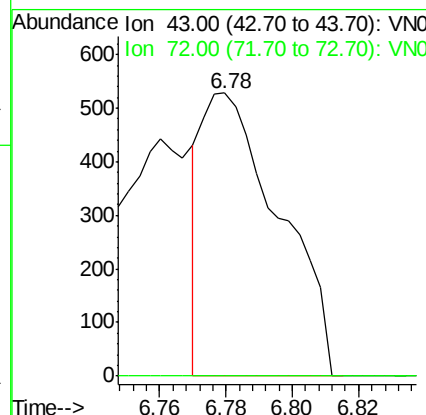
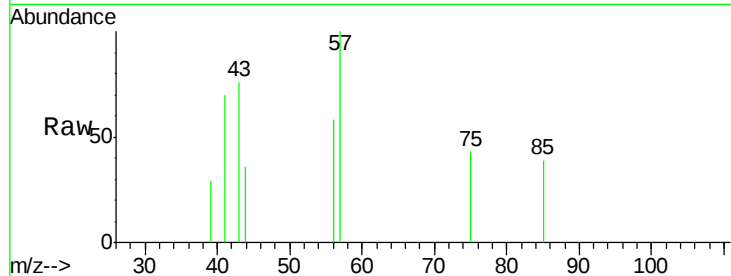




#25
2-Butanone
Concen: 0.969 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

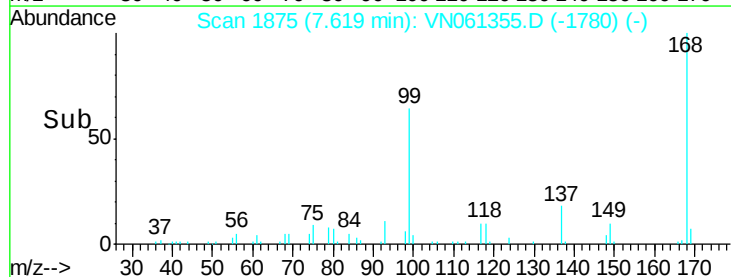
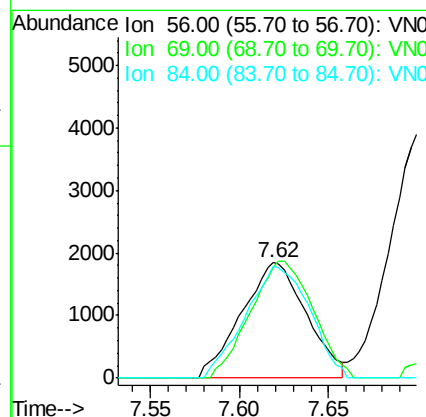
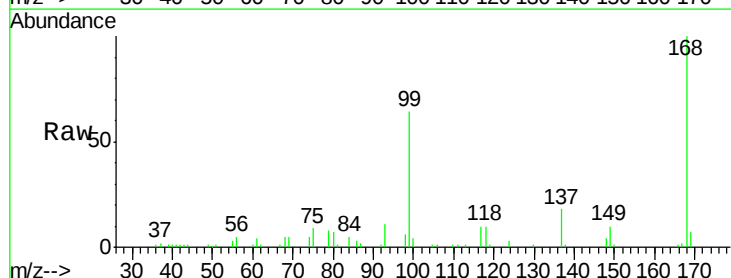
Instrument :
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ClientSampleId :

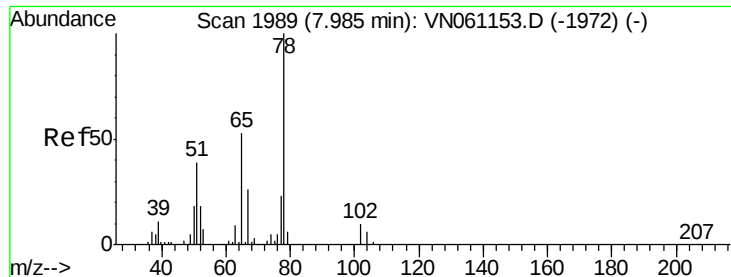
Tot Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#



#31
Cyclohexane
Concen: 2.163 ug/l
RT: 7.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion: 56 Resp: 4670
Ion Ratio Lower Upper
56 100
69 95.4 25.7 38.5#
84 96.4 64.6 97.0

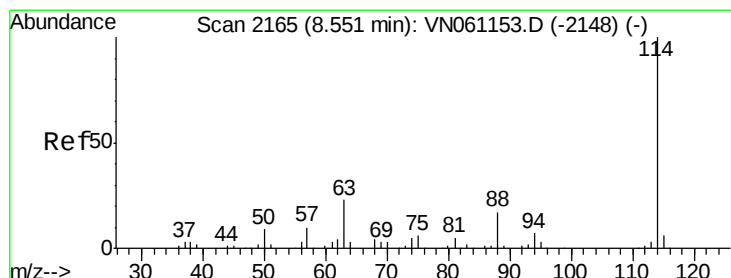
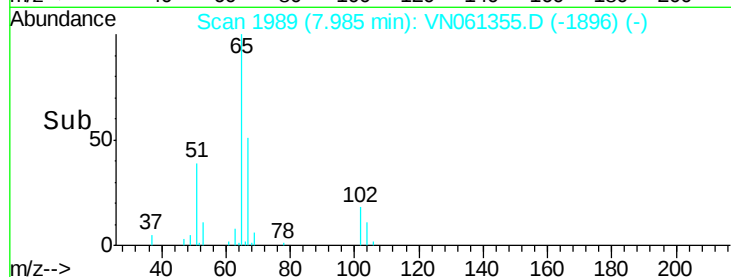
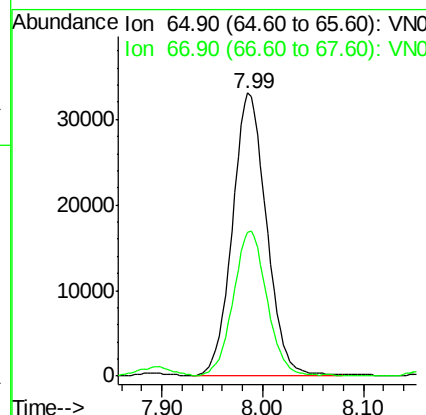
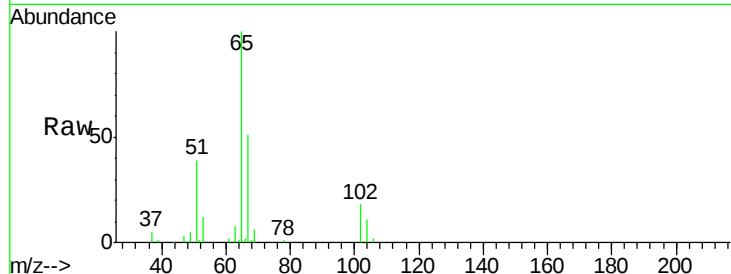




#33
 1,2-Dichloroethane-d4
 Concen: 52.534 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

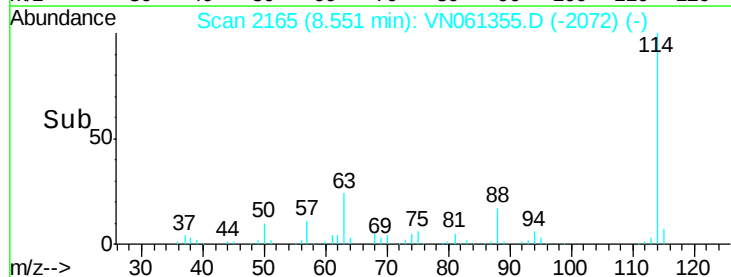
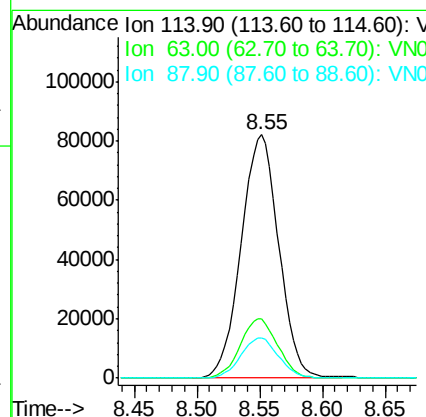
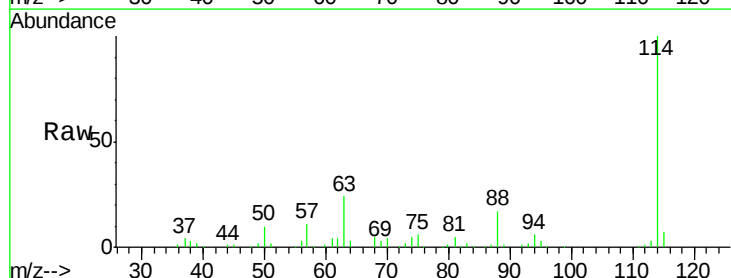
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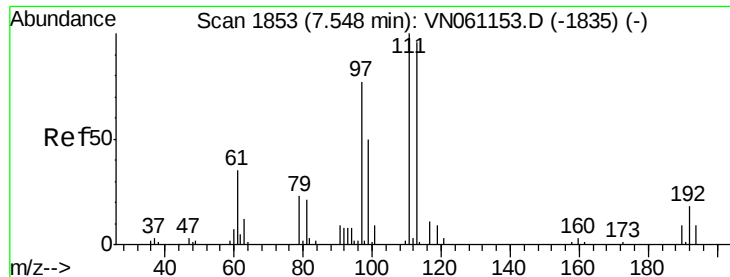
Tot Ion: 65 Resp: 77960
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion: 114 Resp: 171037
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.7 0.0 33.4

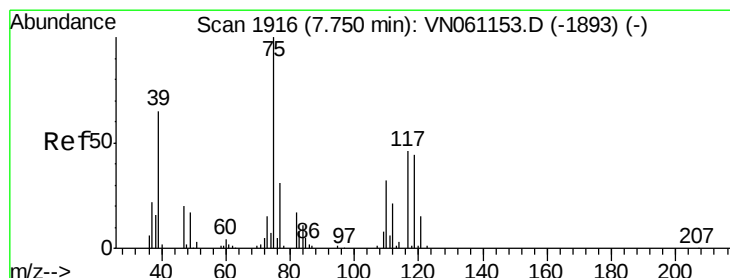
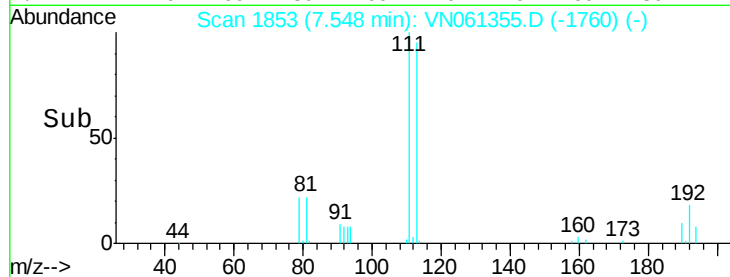
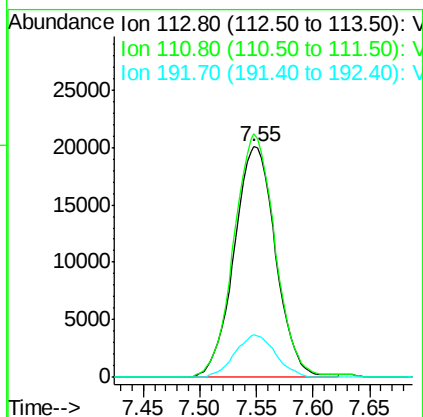
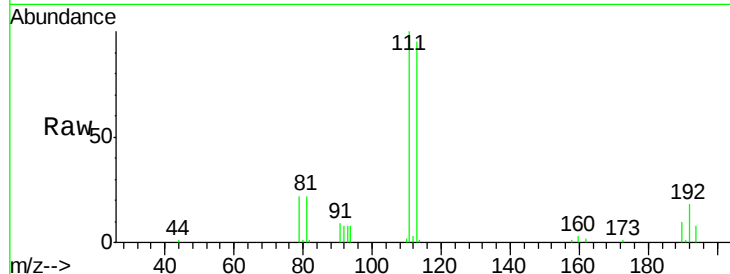




#35
 Dibromofluoromethane
 Concen: 50.601 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

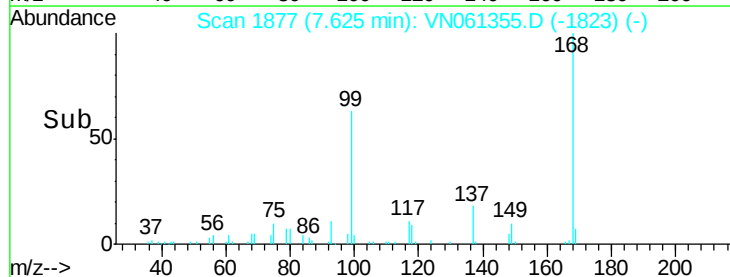
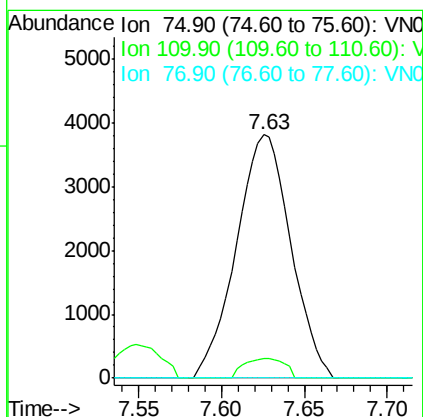
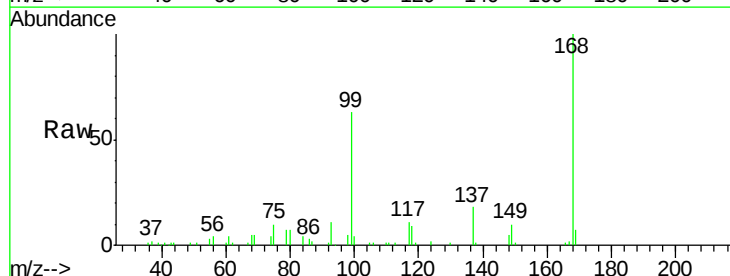
Instrument :
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 ClientSampled :

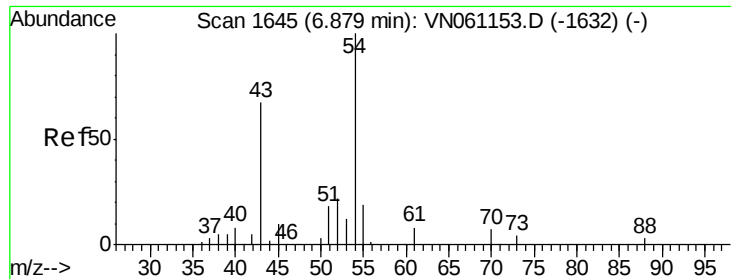
Tot Ion:113 Resp: 51177
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.9 124.3
 192 18.0 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 5.101 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion: 75 Resp: 8734
 Ion Ratio Lower Upper
 75 100
 110 6.0 16.0 48.0#
 77 0.0 24.6 37.0#

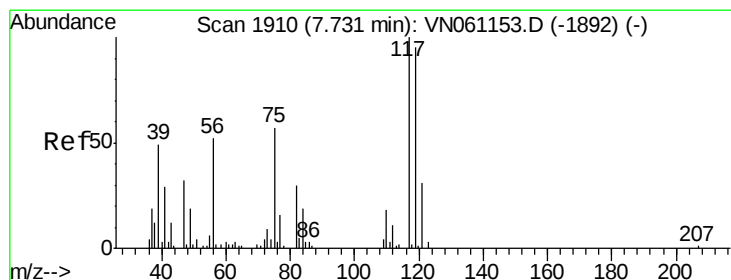
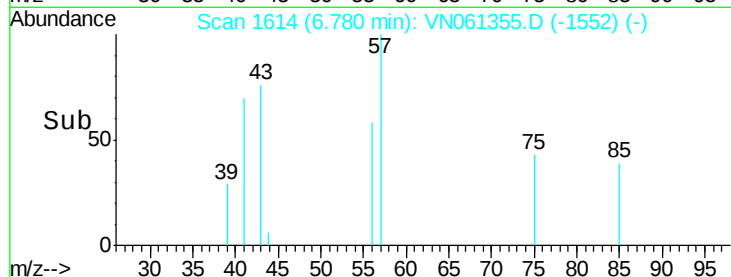
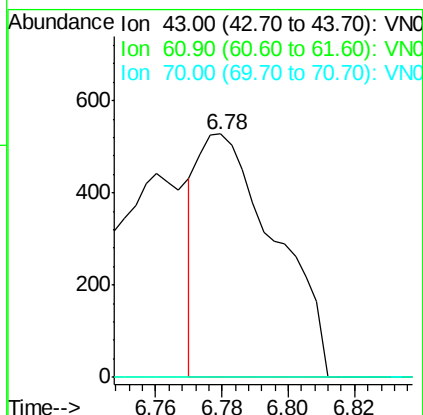
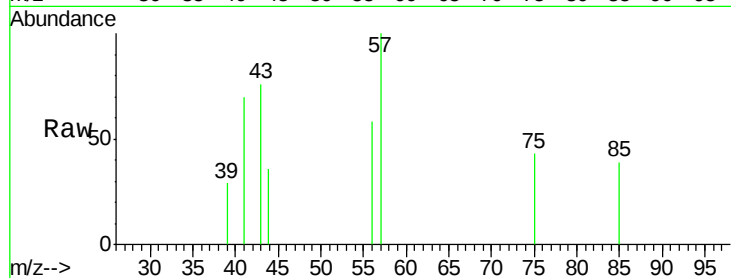




#37
Ethyl Acetate
Concen: 0.424 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.10 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

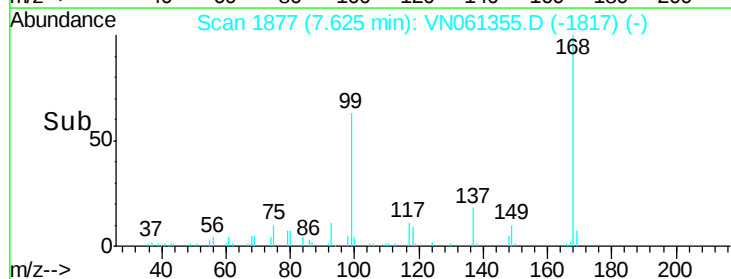
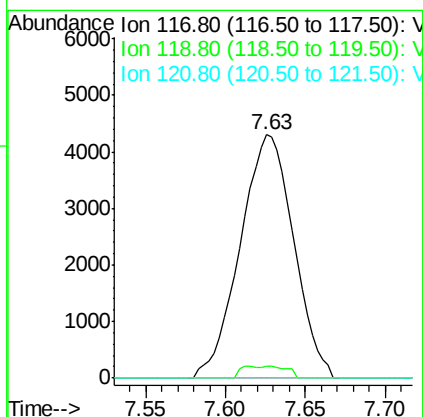
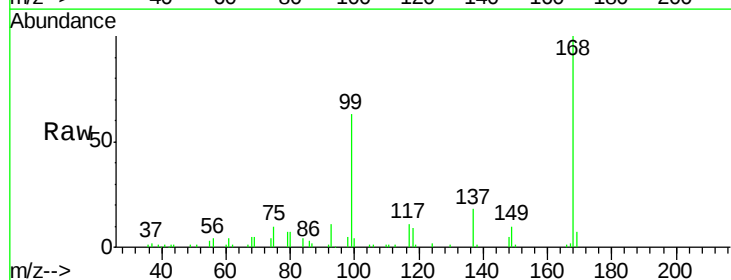
Instrument :
MSVOA_N
ClientSampled :

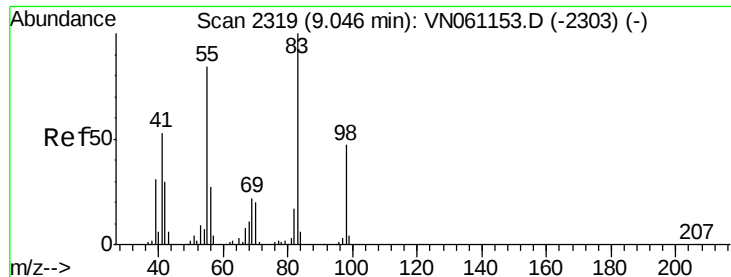
Tot Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 8.309 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion: 117 Resp: 9859
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.7 37.1#

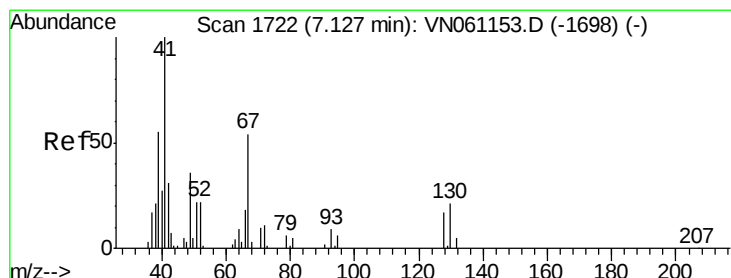
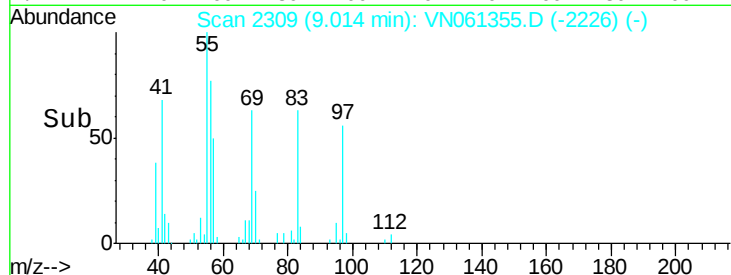
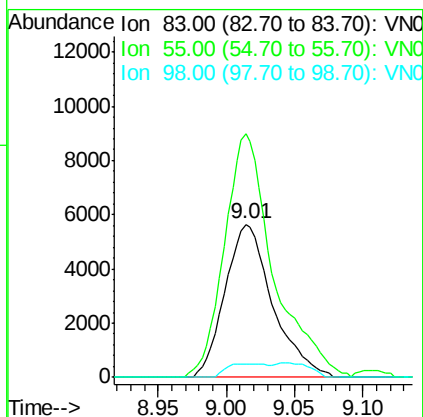
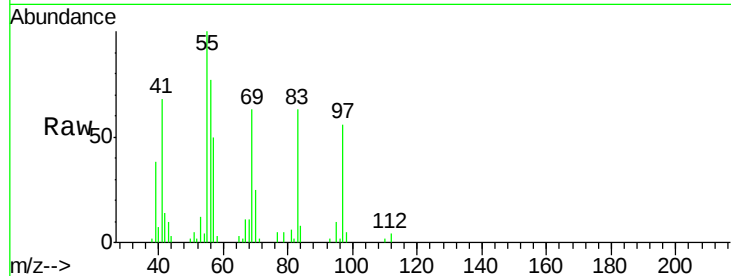




#39
Methylcyclohexane
Concen: 7.128 ug/l
RT: 9.01 min Scan# 2309
Delta R.T. -0.03 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

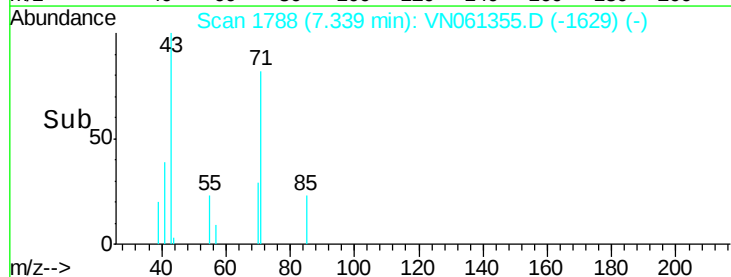
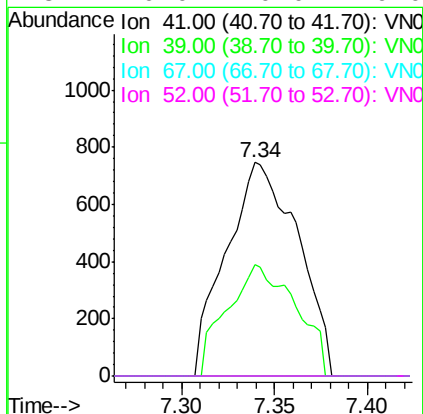
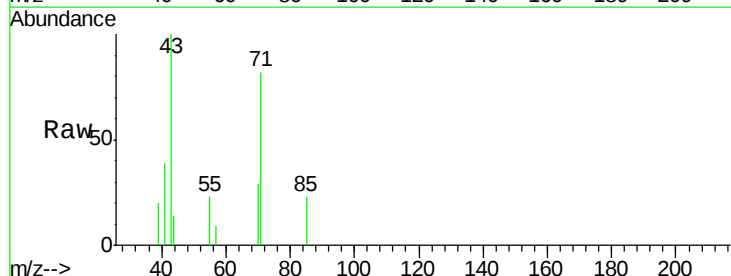
Instrument :
MSVOA_N
ClientSampled :

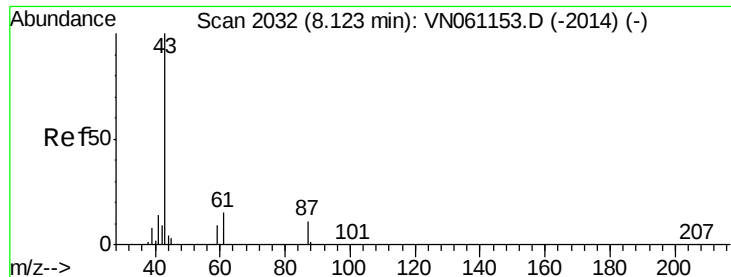
Tot Ion: 83 Resp: 13686
Ion Ratio Lower Upper
83 100
55 156.5 67.3 100.9#
98 8.4 37.7 56.5#



#41
Methacrylonitrile
Concen: 2.414 ug/l
RT: 7.34 min Scan# 1788
Delta R.T. 0.21 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion: 41 Resp: 2012
Ion Ratio Lower Upper
41 100
39 49.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



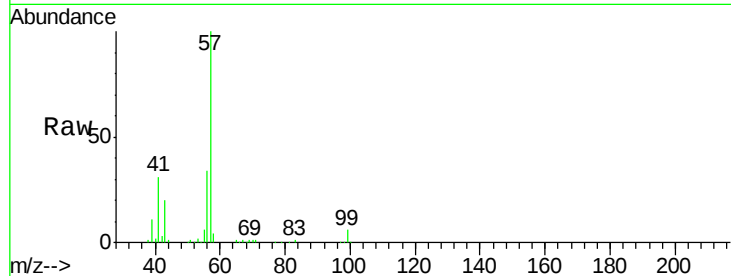


#43

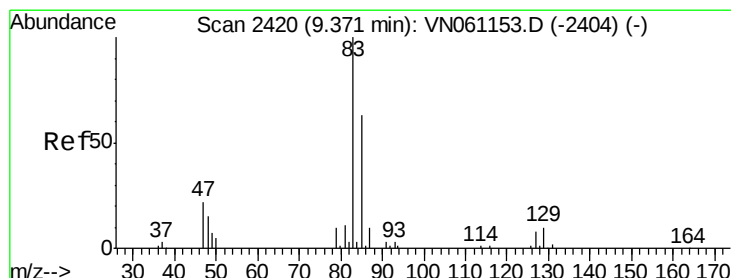
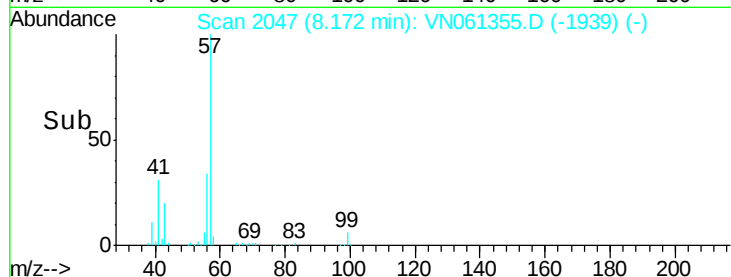
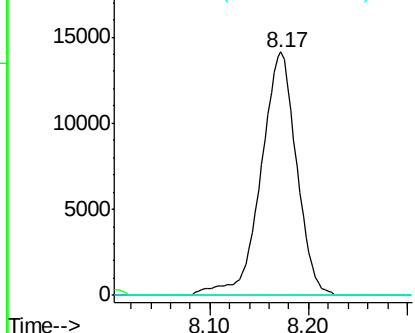
Isopropyl Acetate
 Concen: 10.540 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.05 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :

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



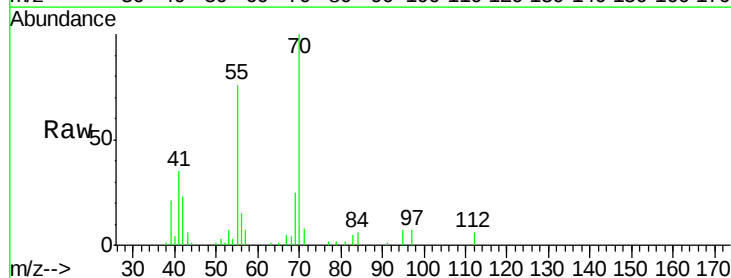
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



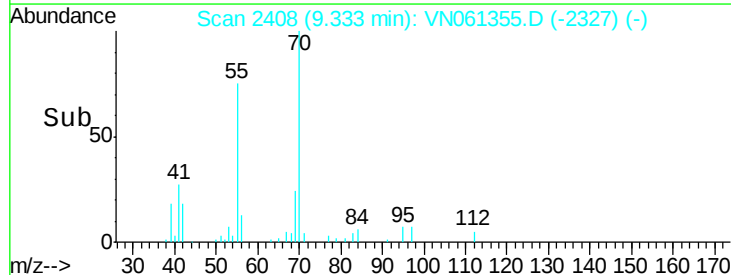
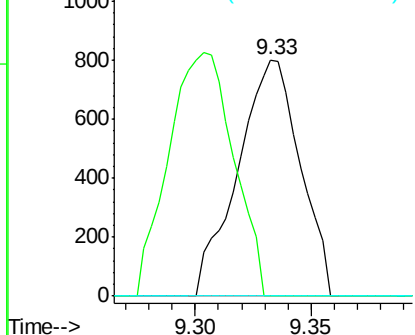
#47

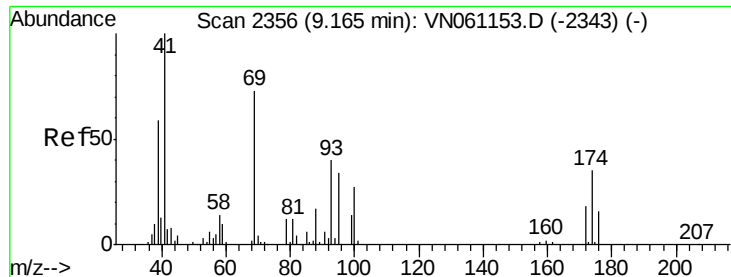
Bromodichloromethane
 Concen: 0.827 ug/l
 RT: 9.33 min Scan# 2408
 Delta R.T. -0.04 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.4	75.6#
127	0.0	6.2	9.2#



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): V

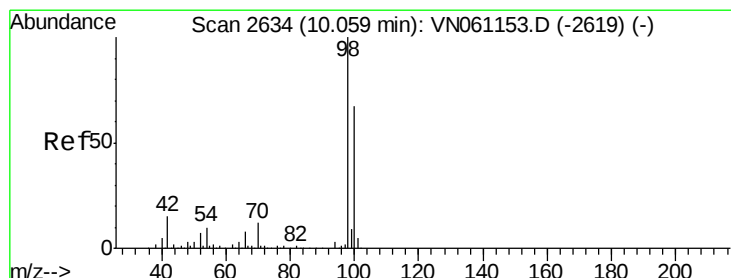
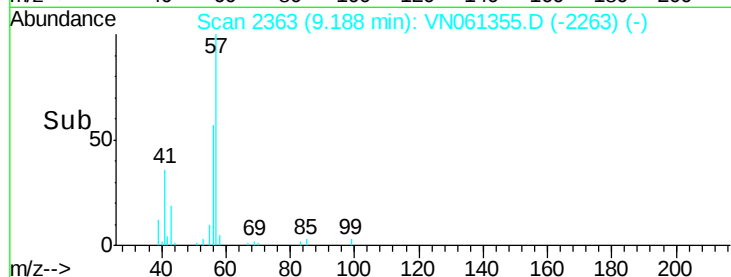
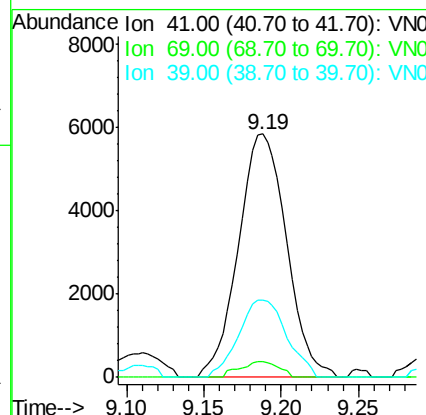
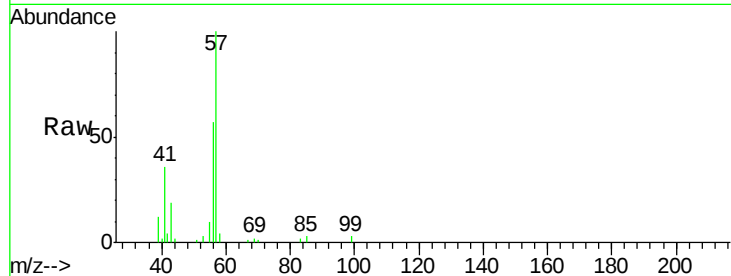




#48
Methvl methacrylate
Concen: 8.419 ug/l
RT: 9.19 min Scan# 2363
Delta R.T. 0.02 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

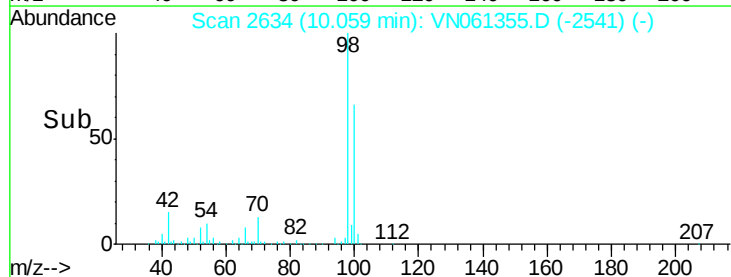
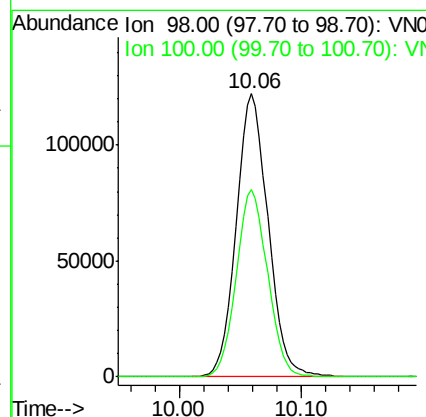
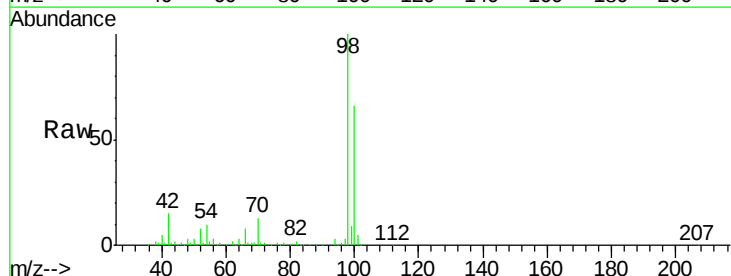
Instrument :
MSVOA_N
ClientSampleId :

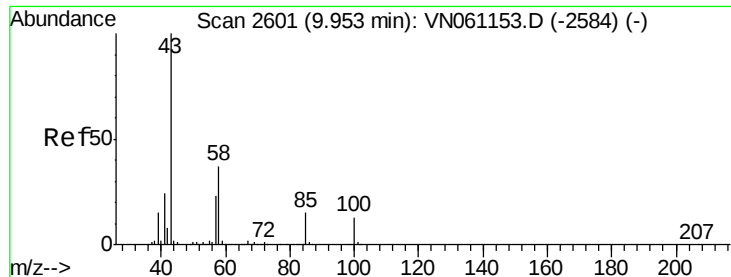
Tot Ion: 41 Resp: 12656
Ion Ratio Lower Upper
41 100
69 5.2 60.3 90.5#
39 31.6 47.4 71.0#



#50
Toluene-d8
Concen: 53.741 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion: 98 Resp: 221572
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0

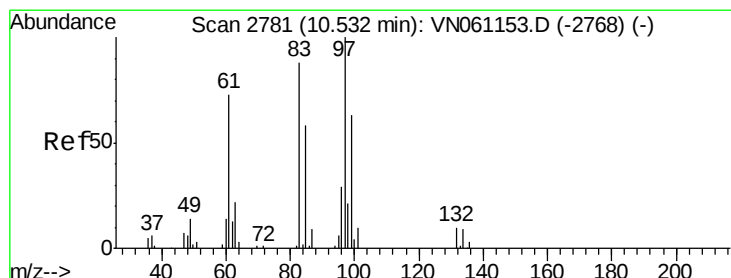
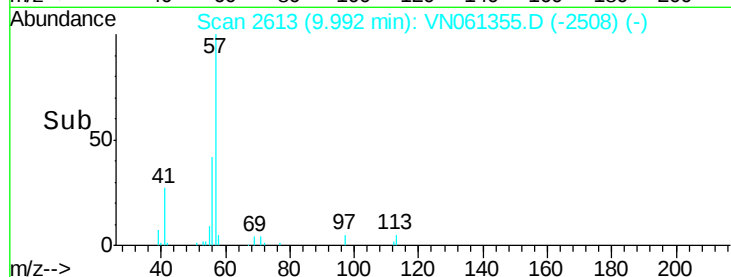
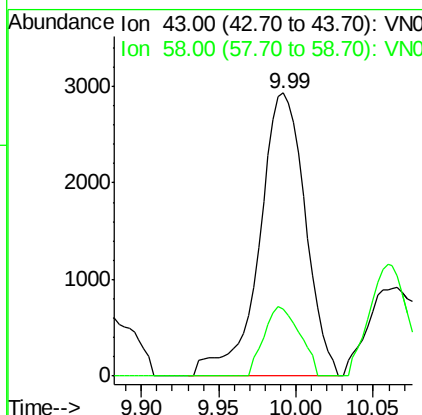
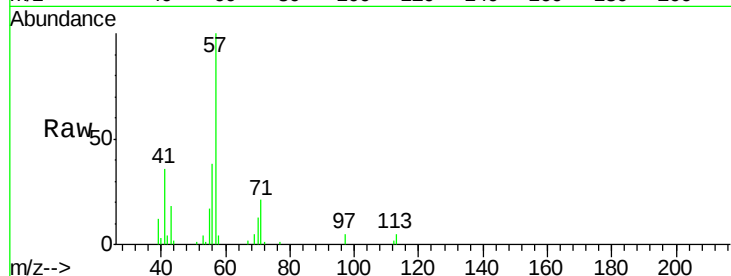




#51
 4-Methyl-2-Pentanone
 Concen: 3.102 ug/l
 RT: 9.99 min Scan# 2613
 Delta R.T. 0.04 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

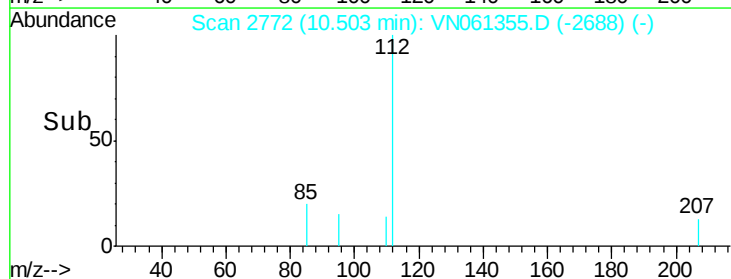
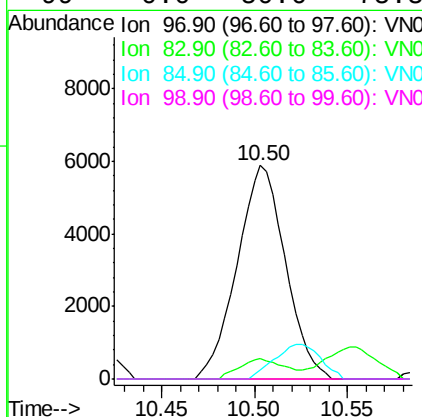
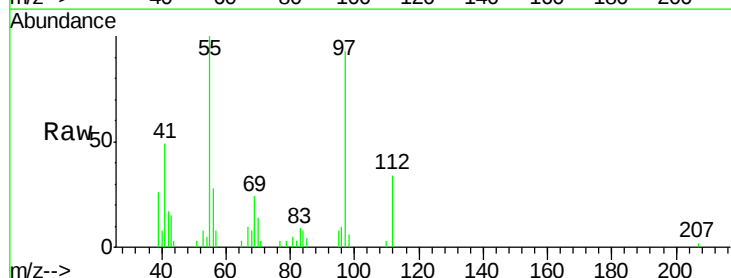
Instrument :
 MSVOA_N
 ClientSampleId :

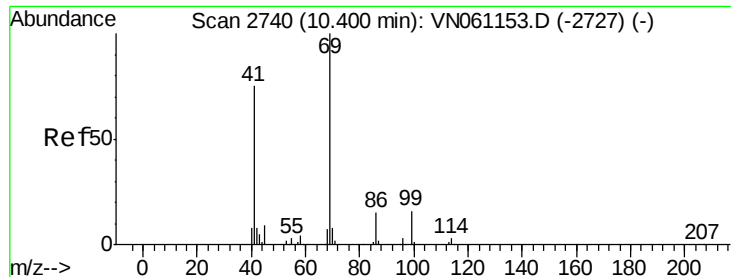
Tot Ion: 43 Resp: 6083
 Ion Ratio Lower Upper
 43 100
 58 19.0 29.1 43.7#



#55
 1,1,2-Trichloroethane
 Concen: 8.707 ug/l
 RT: 10.50 min Scan# 2772
 Delta R.T. -0.03 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion: 97 Resp: 10671
 Ion Ratio Lower Upper
 97 100
 83 9.5 70.6 106.0#
 85 4.0 46.4 69.6#
 99 0.0 50.6 75.8#





#56

Ethyl methacrylate

Concen: 3.371 ug/l

RT: 10.41 min Scan# 2742

Delta R.T. 0.01 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

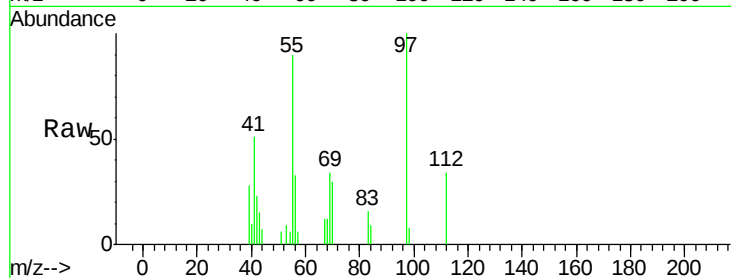
Tot Ion: 69 Resp: 1454

Ion Ratio Lower Upper

69 100

41 225.6 60.3 90.5#

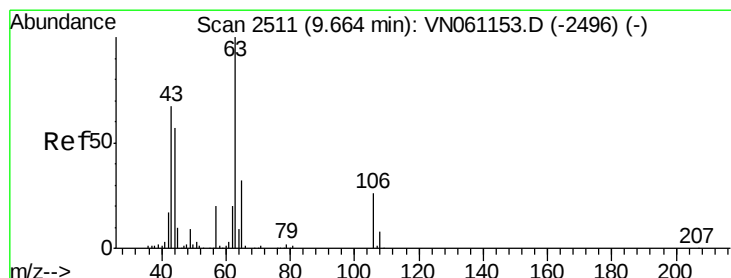
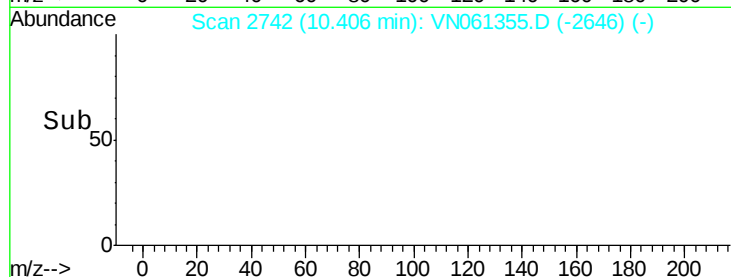
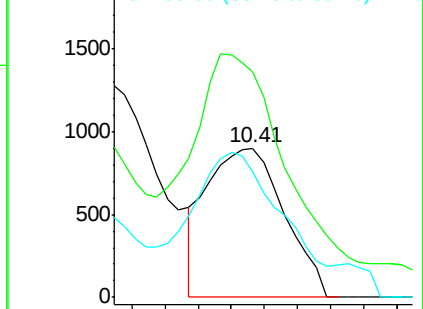
39 125.3 35.9 53.9#



Abundance Ion 69.00 (68.70 to 69.70): VN061355.D (-2646) (-)

Ion 41.00 (40.70 to 41.70): VN061355.D (-2646) (-)

Ion 39.00 (38.70 to 39.70): VN061355.D (-2646) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 0.527 ug/l

RT: 9.62 min Scan# 2498

Delta R.T. -0.04 min

Lab File: VN061355.D

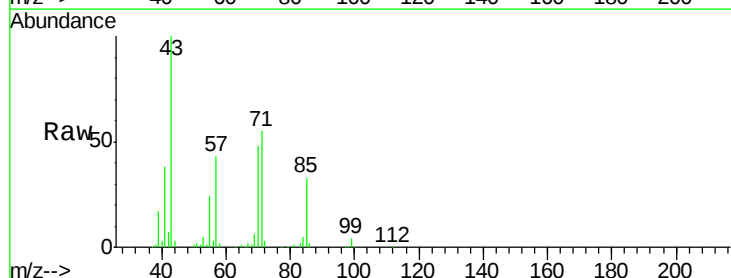
Acq: 8 May 2020 12:40

Tgt Ion: 63 Resp: 523

Ion Ratio Lower Upper

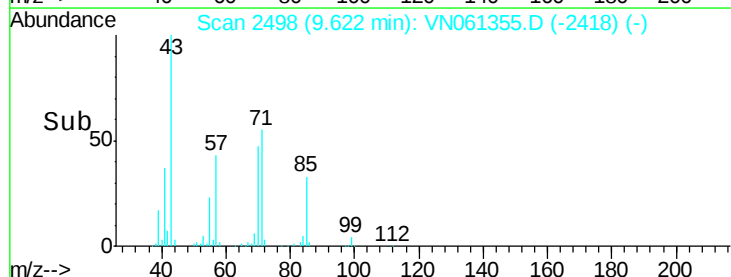
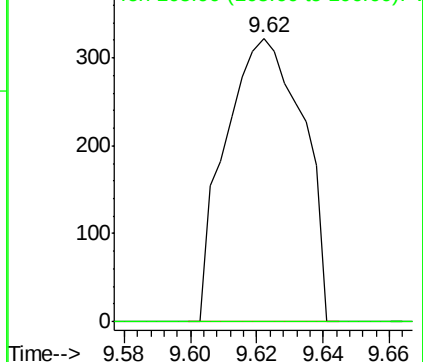
63 100

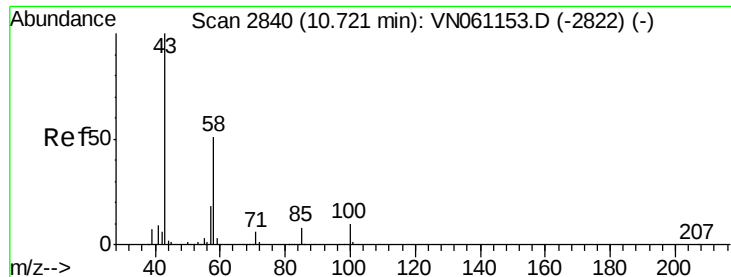
106 0.0 20.6 30.8#



Abundance Ion 62.90 (62.60 to 63.60): VN061355.D (-2418) (-)

Ion 105.90 (105.60 to 106.60): VN061355.D (-2418) (-)

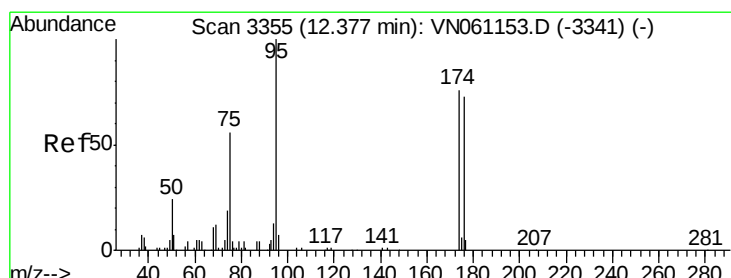
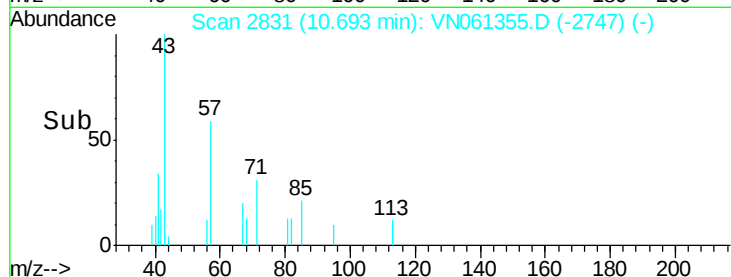
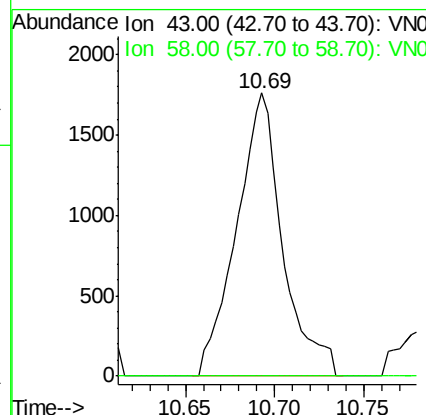
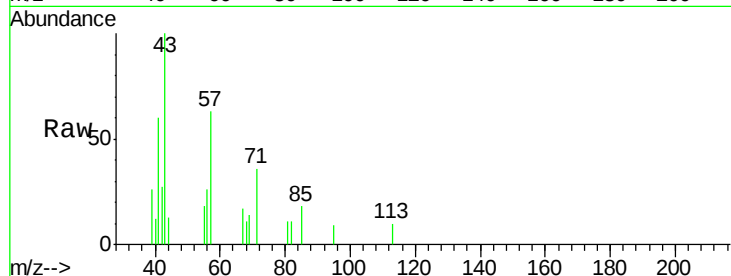




#59
2-Hexanone
Concen: 2.219 ug/l
RT: 10.69 min Scan# 2831
Delta R.T. -0.03 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

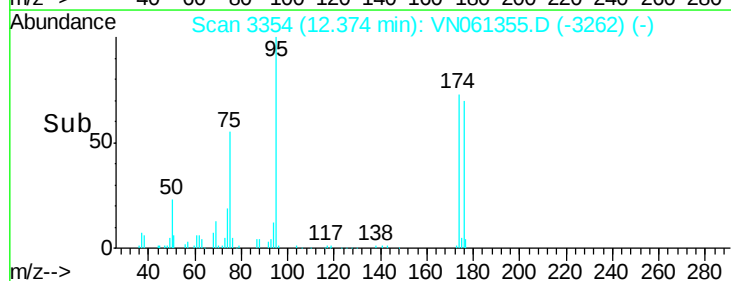
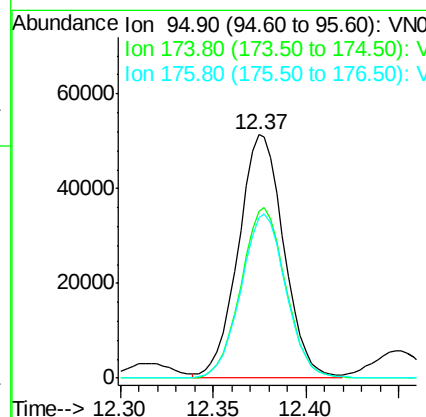
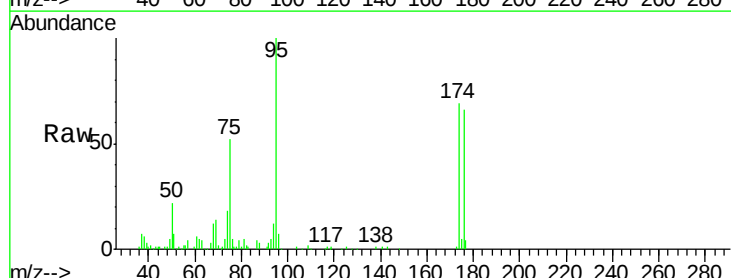
Instrument :
MSVOA_N
ClientSampleId :

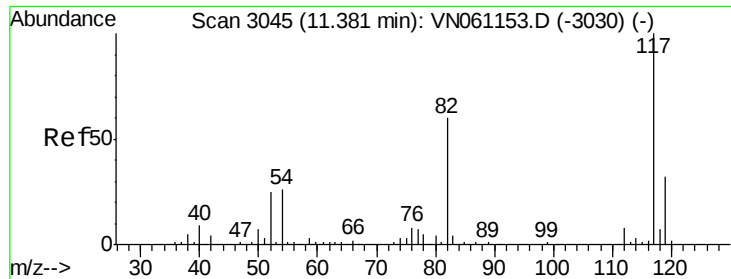
Tot Ion: 43 Resp: 3165
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 55.993 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion: 95 Resp: 86875
Ion Ratio Lower Upper
95 100
174 69.4 0.0 149.4
176 67.1 0.0 144.8

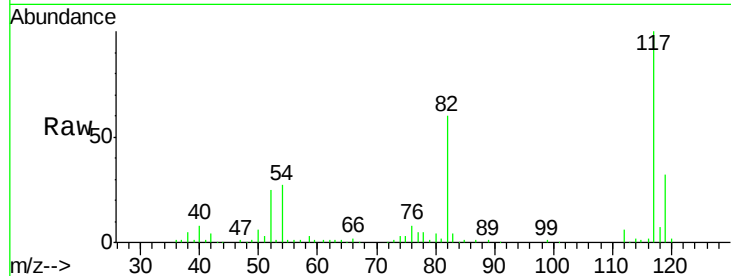




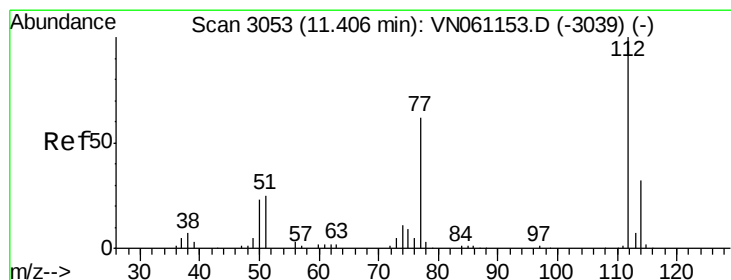
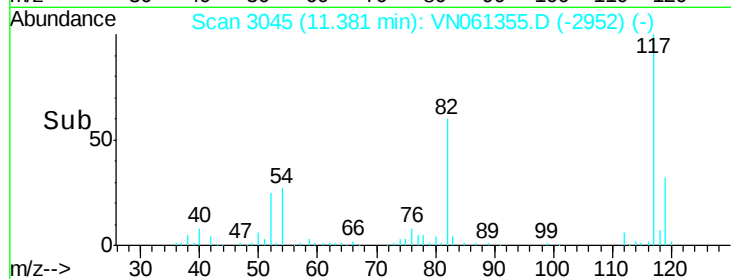
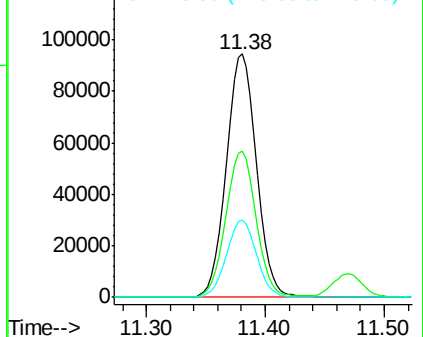
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 166119
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 31.7 25.8 38.6

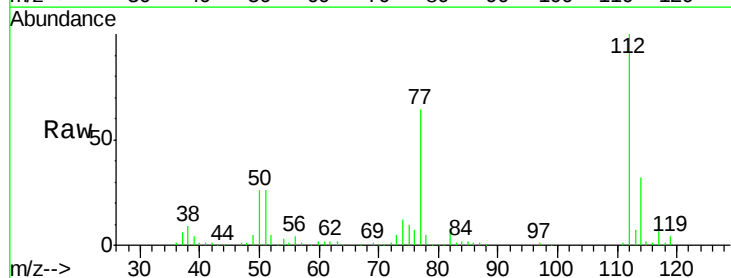


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

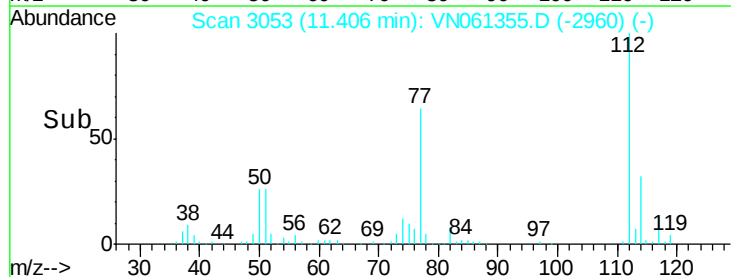
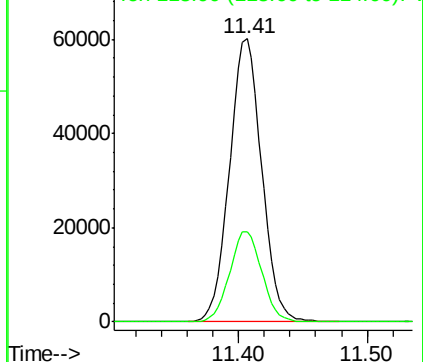


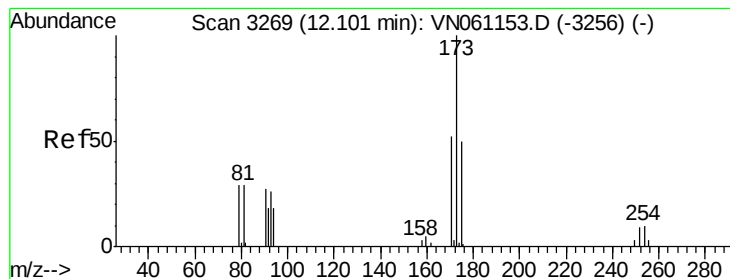
#65
Chlorobenzene
Concen: 31.657 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion:112 Resp: 104317
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.325 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.28 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

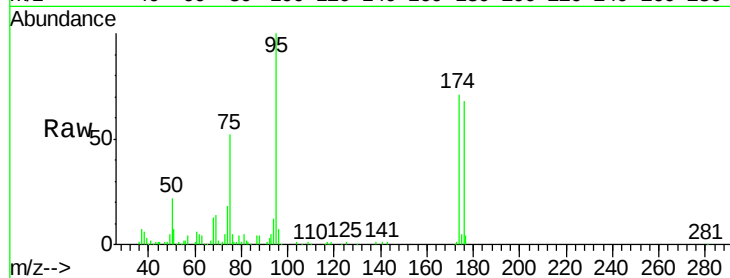
Tot Ion:173 Resp: 282

Ion Ratio Lower Upper

173 100

175 1320.6 24.1 72.4#

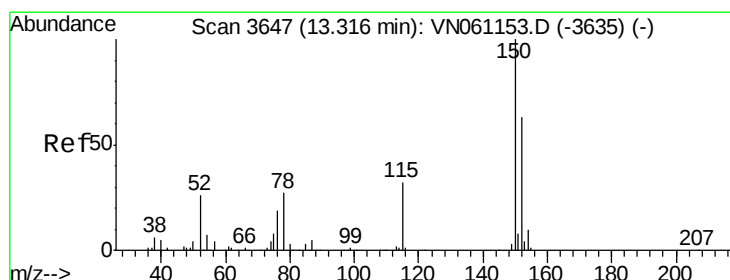
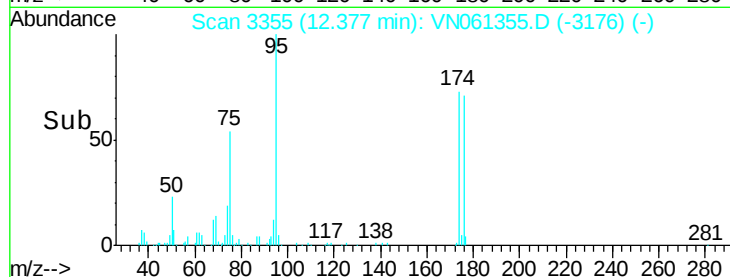
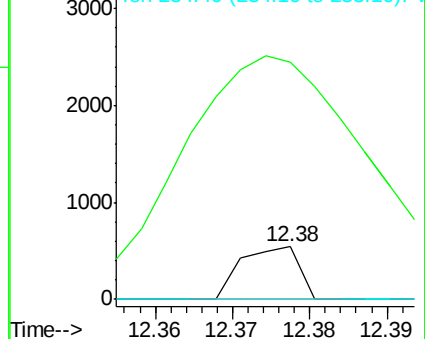
254 0.0 0.0 0.0



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: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

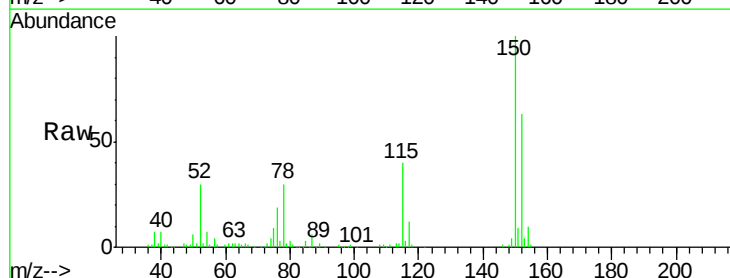
Tgt Ion:152 Resp: 76633

Ion Ratio Lower Upper

152 100

115 62.6 31.0 93.0

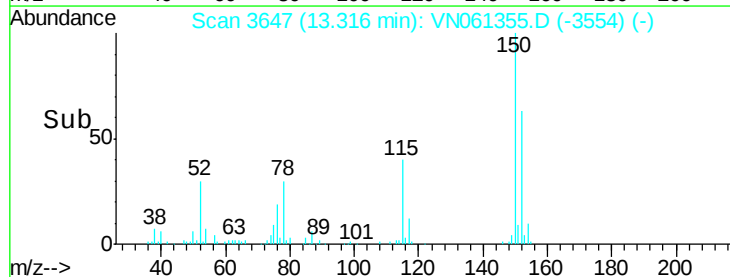
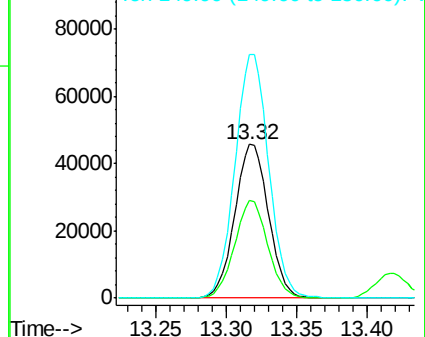
150 159.0 0.0 351.8

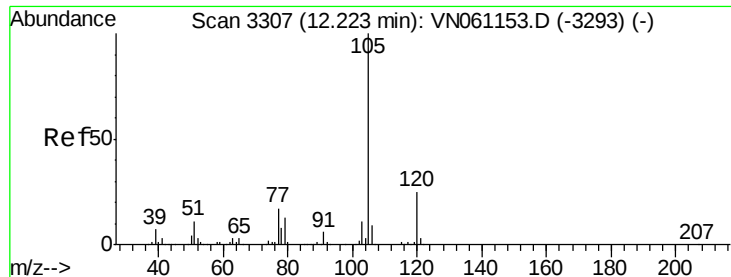


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.340 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

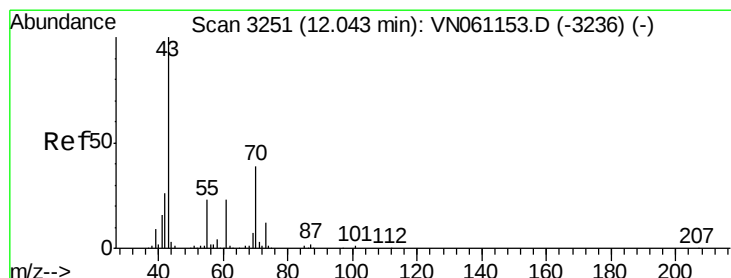
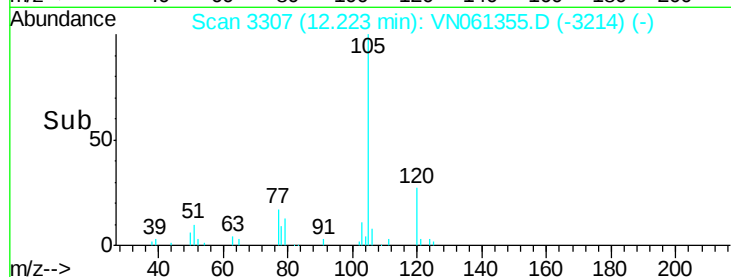
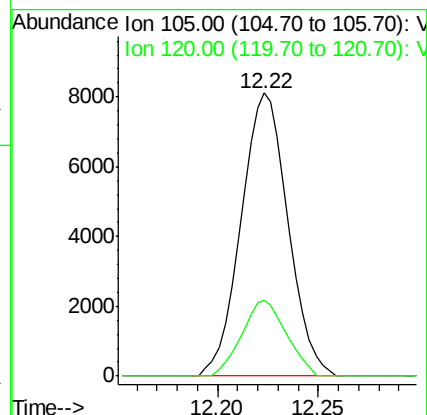
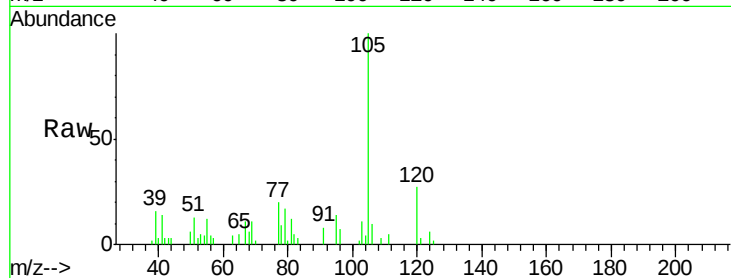
ClientSampleId :

Tot Ion:105 Resp: 13181

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8



#74

N-ethyl acetate

Concen: 0.445 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.02 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Tgt Ion: 43 Resp: 1270

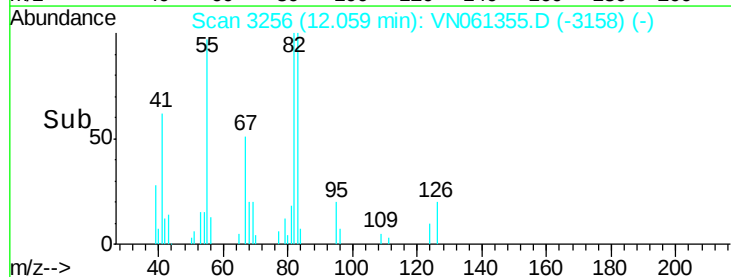
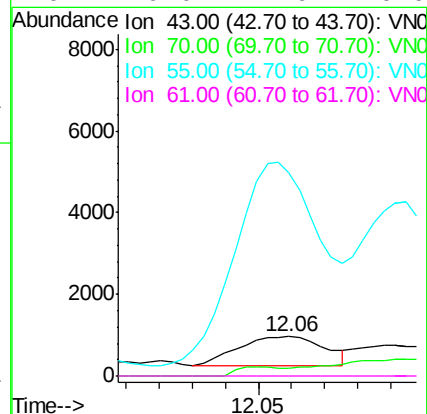
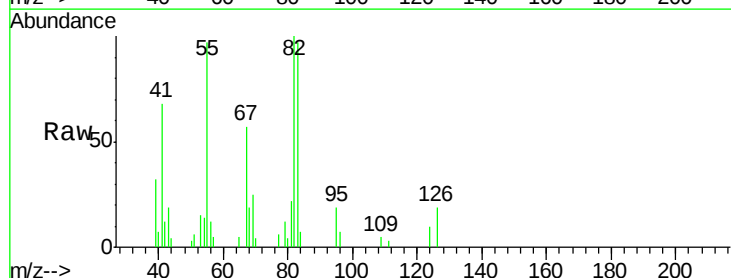
Ion Ratio Lower Upper

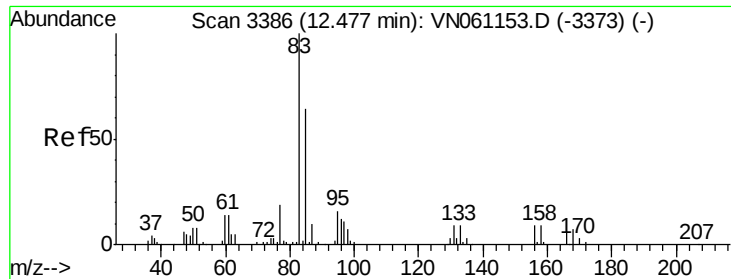
43 100

70 18.0 30.6 46.0#

55 704.0 18.5 27.7#

61 0.0 17.9 26.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.977 ug/l

RT: 12.45 min Scan# 3378

Delta R.T. -0.03 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

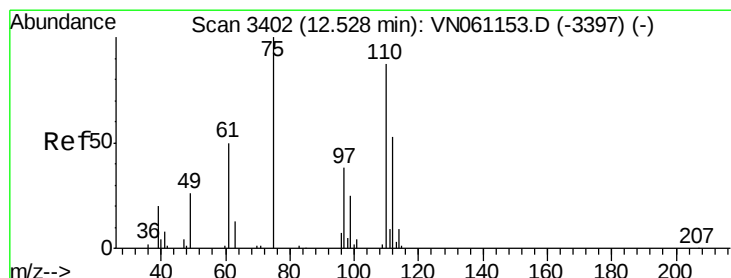
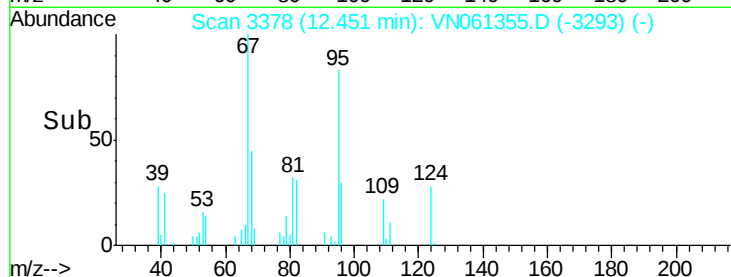
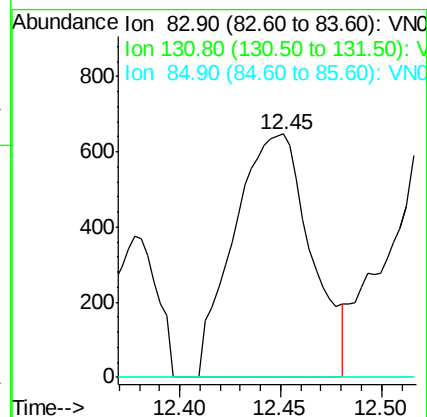
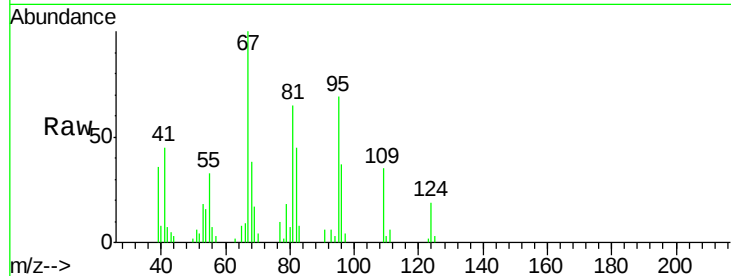
Tot Ion: 83 Resp: 1716

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 28.611 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.15 min

Lab File: VN061355.D

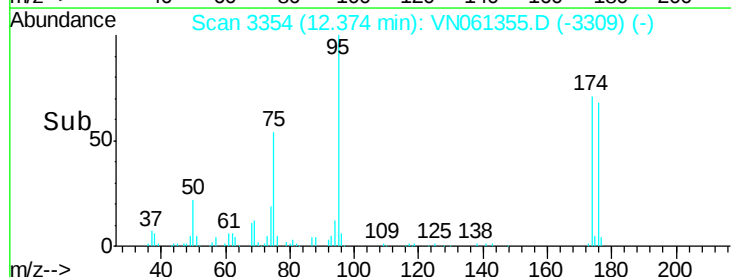
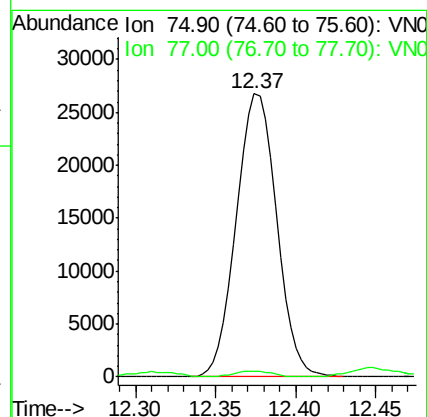
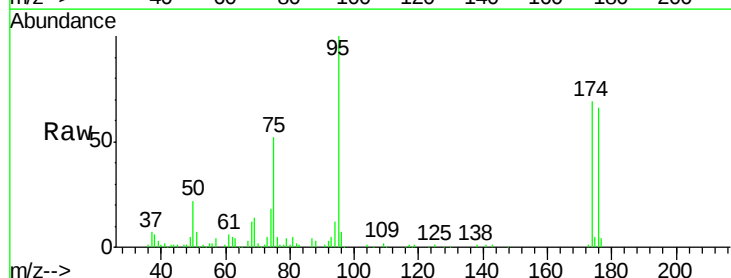
Acq: 8 May 2020 12:40

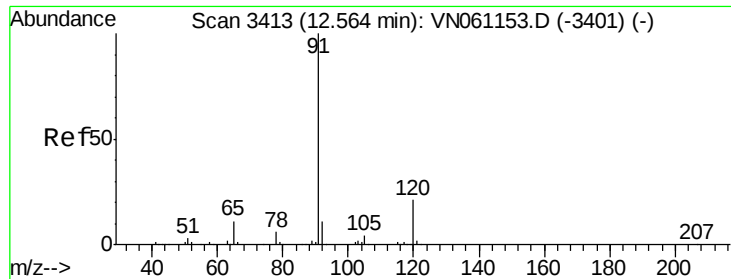
Tgt Ion: 75 Resp: 46224

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#

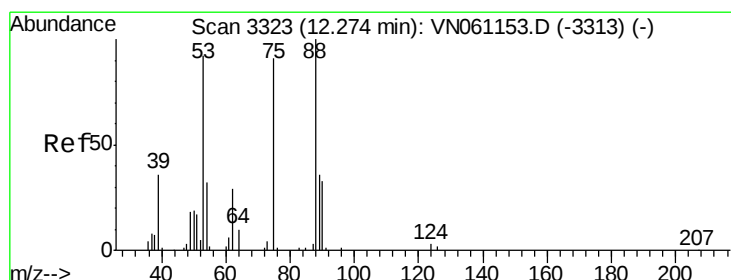
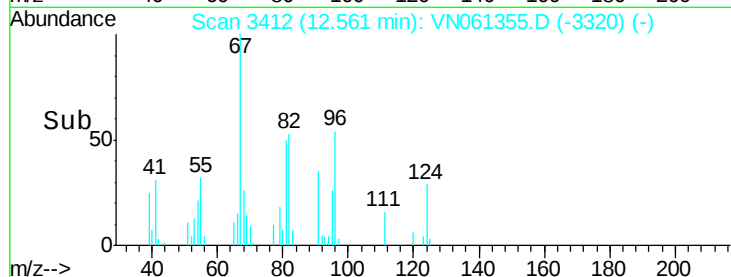
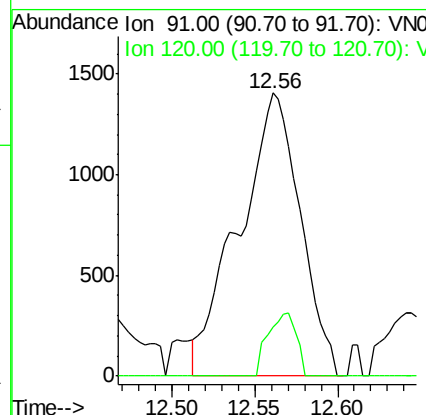
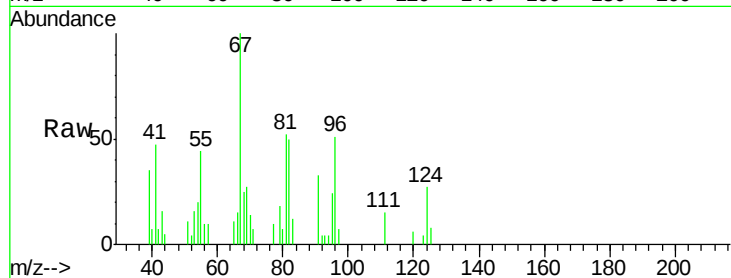




#78
n-propylbenzene
Concen: 0.541 ug/l
RT: 12.56 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

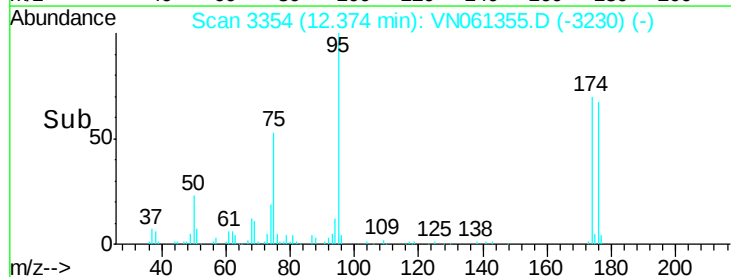
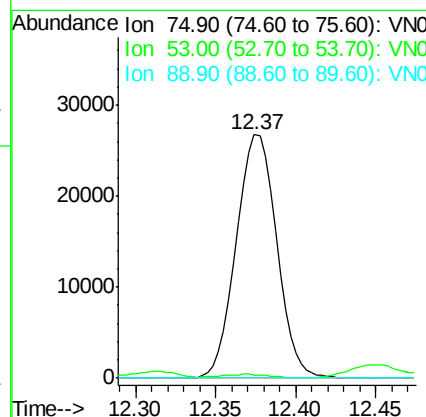
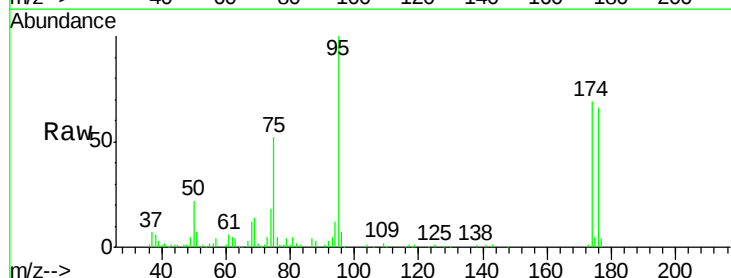
Instrument :
MSVOA_N
ClientSampled :

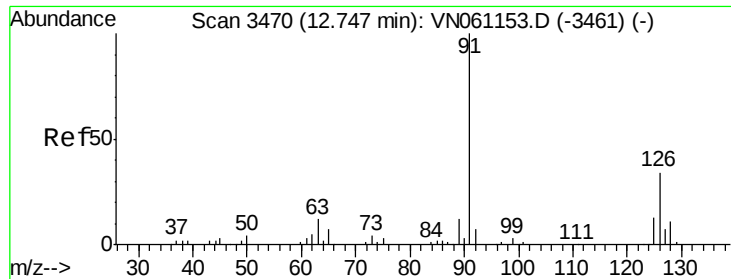
Tot Ion: 91 Resp: 3618
Ion Ratio Lower Upper
91 100
120 10.1 10.8 32.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.656 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. 0.10 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Tgt Ion: 75 Resp: 46224
Ion Ratio Lower Upper
75 100
53 1.9 84.1 126.1#
89 0.0 35.2 52.8#





#82

4-Chlorotoluene

Concen: 0.874 ug/l

RT: 12.56 min Scan# 3412

Delta R.T. -0.19 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

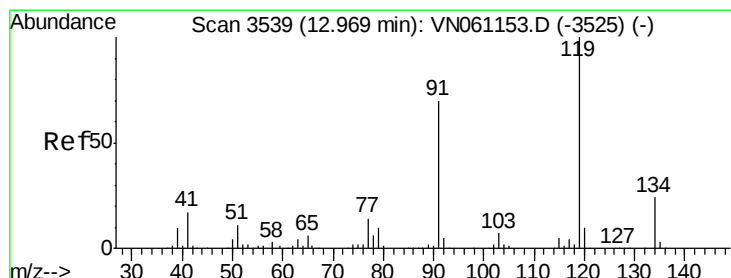
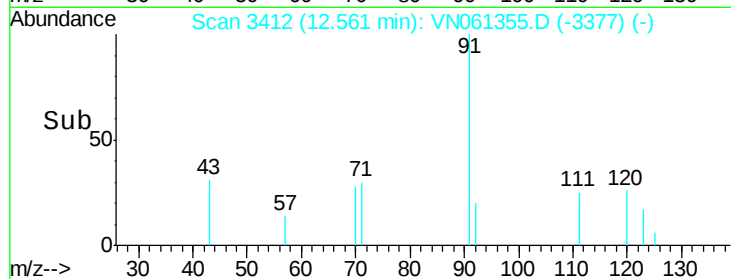
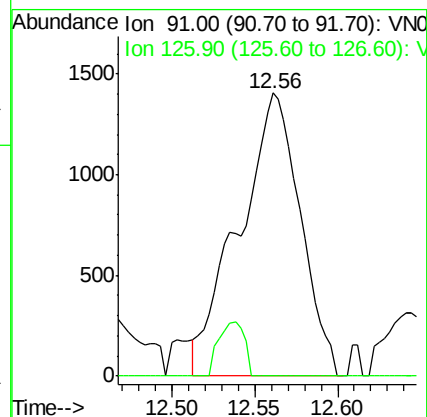
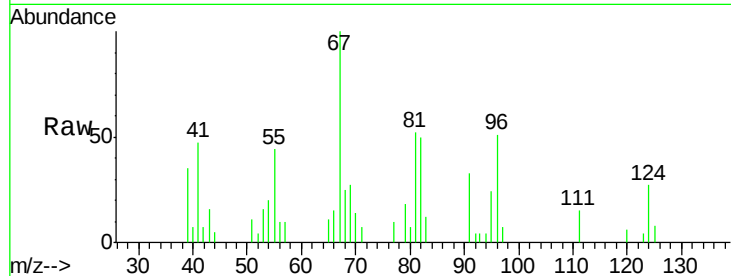
ClientSampled :

Tot Ion: 91 Resp: 3618

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#



#83

tert-Butylbenzene

Concen: 9.392 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

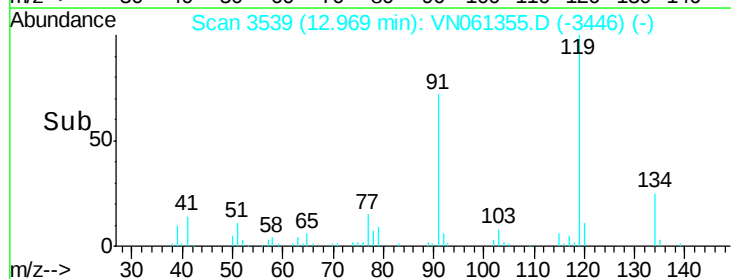
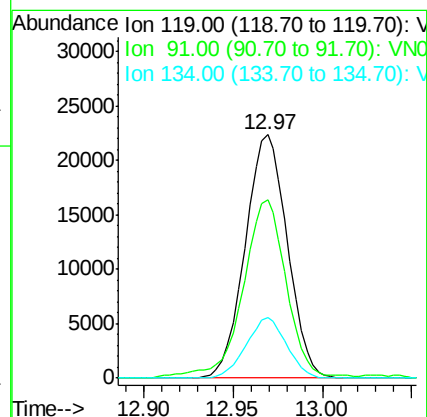
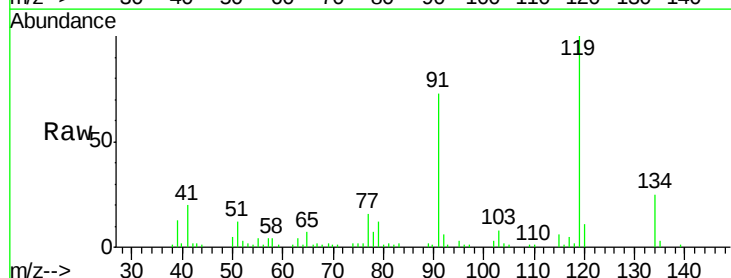
Tgt Ion: 119 Resp: 36925

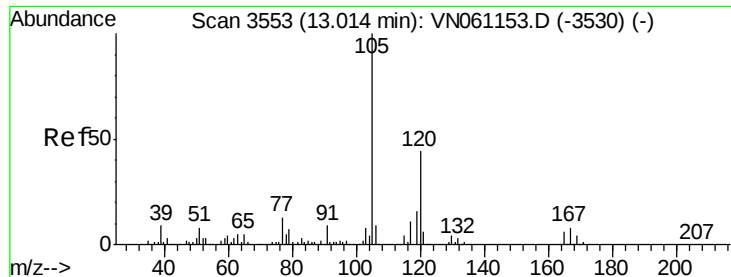
Ion Ratio Lower Upper

119 100

91 75.8 34.8 104.4

134 23.7 12.9 38.7





#84

1,2,4-Trimethylbenzene

Concen: 24.702 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.13 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

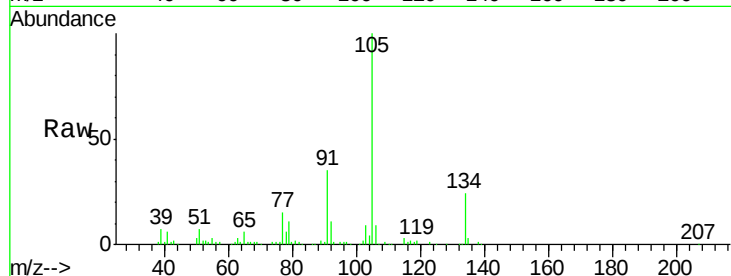
ClientSampled :

Tot Ion:105 Resp: 118666

Ion Ratio Lower Upper

105 100

120 0.0 22.2 66.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

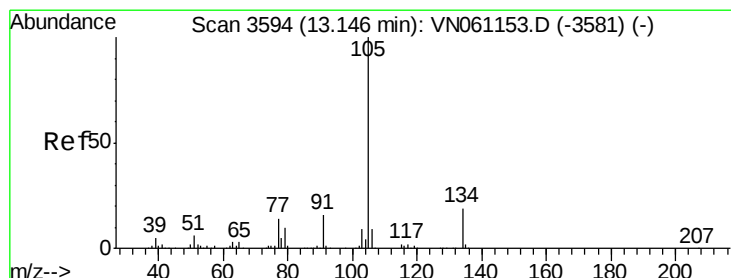
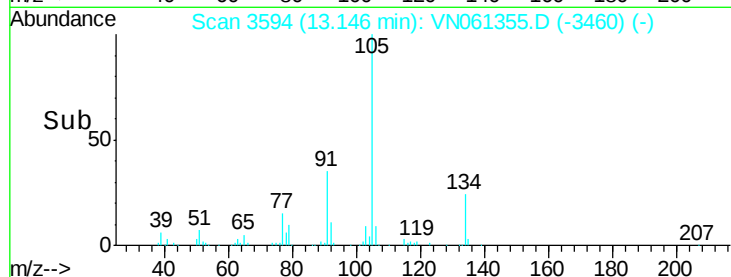
60000

40000

20000

0

Time-->



#85

sec-Butylbenzene

Concen: 22.138 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061355.D

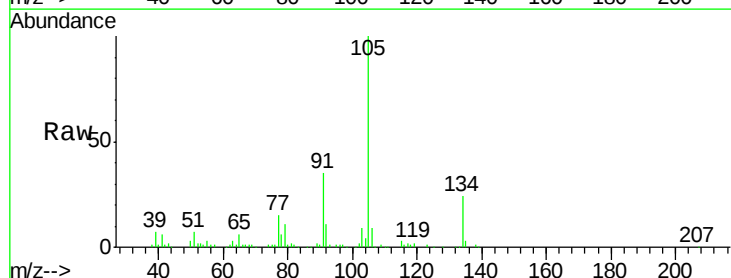
Acq: 8 May 2020 12:40

Tgt Ion:105 Resp: 118666

Ion Ratio Lower Upper

105 100

134 41.6 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

80000

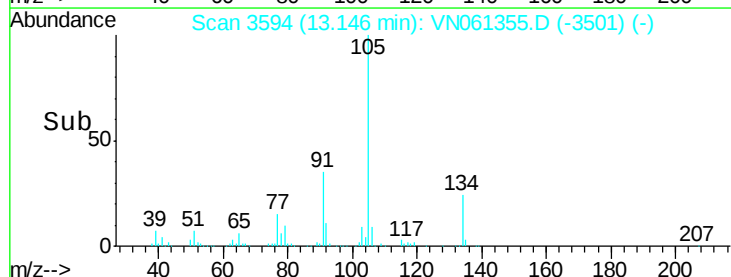
60000

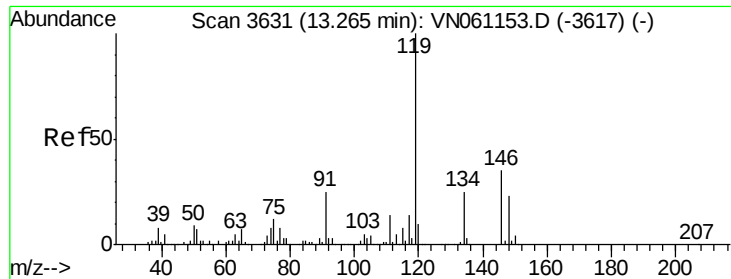
40000

20000

0

Time-->

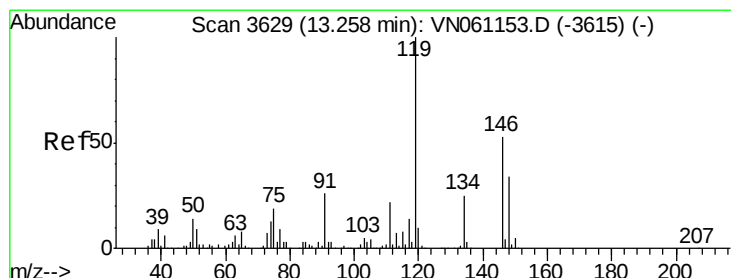
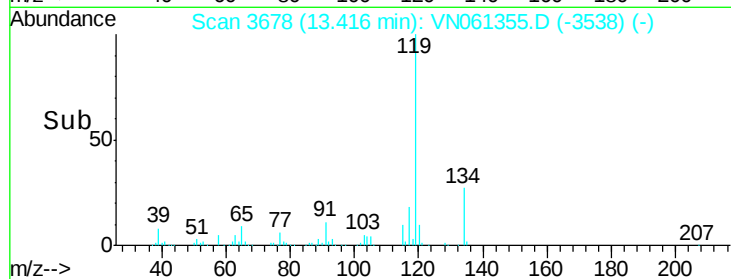
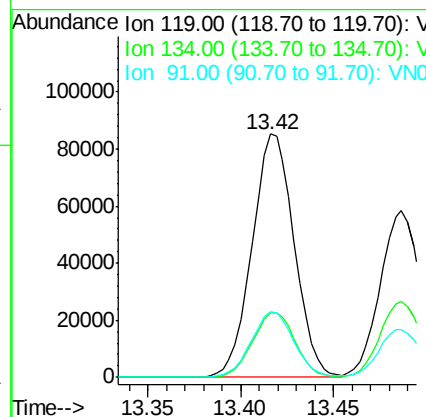
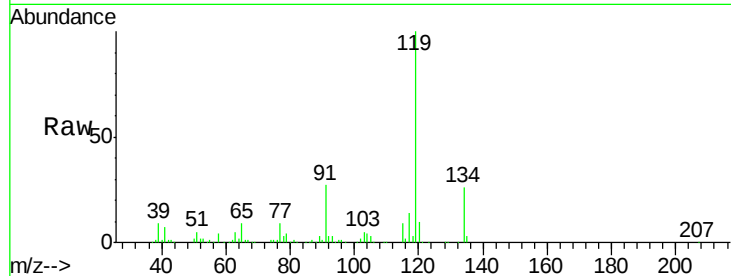




#86
 p-Isopropyltoluene
 Concen: 27.971 ug/l
 RT: 13.42 min Scan# 3678
 Delta R.T. 0.15 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

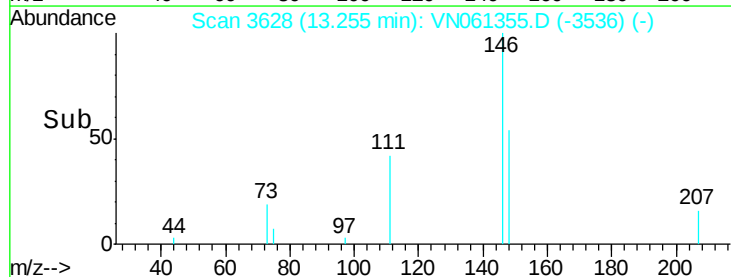
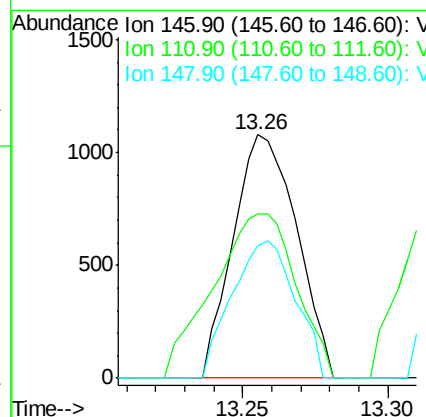
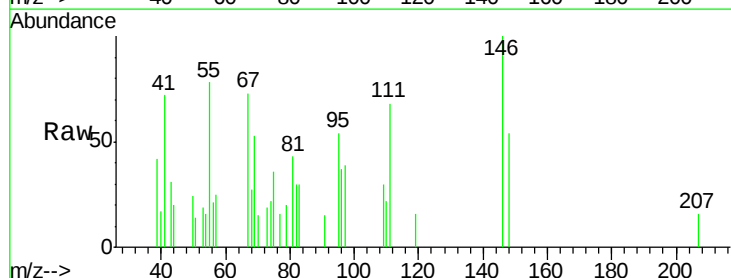
Instrument :
 MSVOA_N
 ClientSampled :

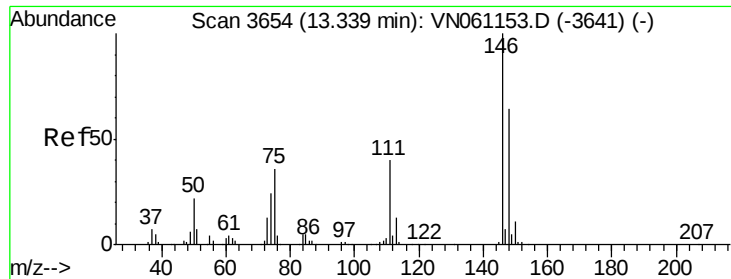
Tot Ion:119 Resp: 135086
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.6 37.6
 91 27.6 12.7 38.0



#87
 1,3-Dichlorobenzene
 Concen: 0.685 ug/l
 RT: 13.26 min Scan# 3628
 Delta R.T. -0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion:146 Resp: 1641
 Ion Ratio Lower Upper
 146 100
 111 88.1 20.7 62.1#
 148 56.1 31.8 95.3

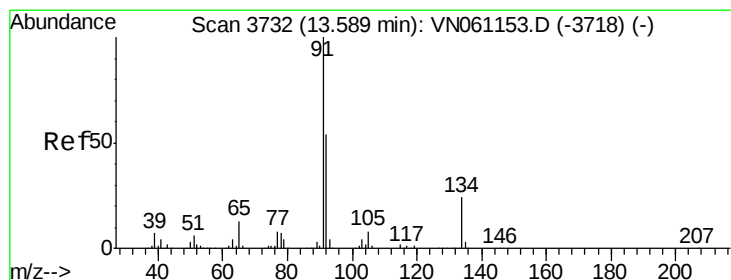
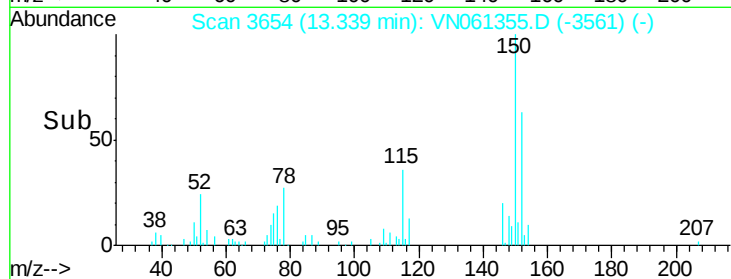
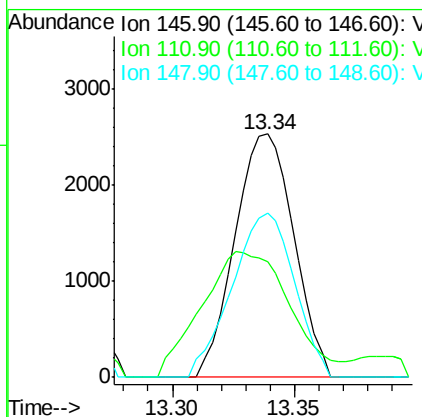
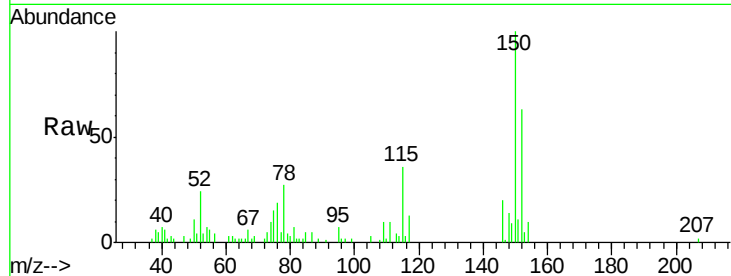




#88
 1,4-Dichlorobenzene
 Concen: 1.737 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

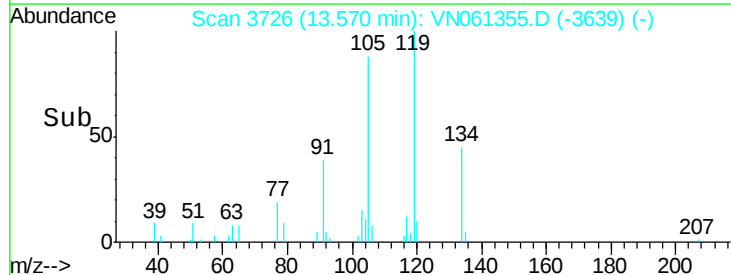
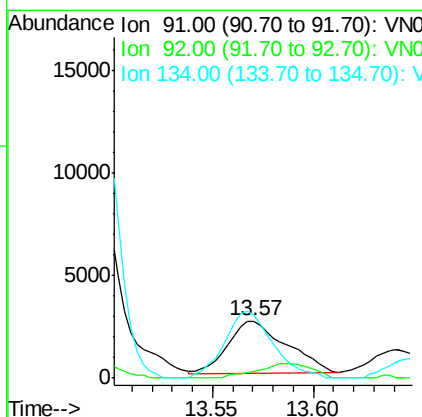
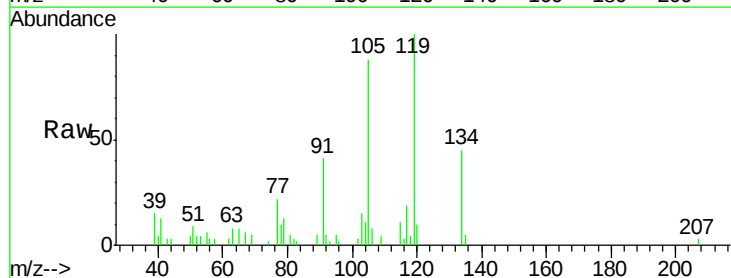
Instrument :
 MSVOA_N
 ClientSampleId :

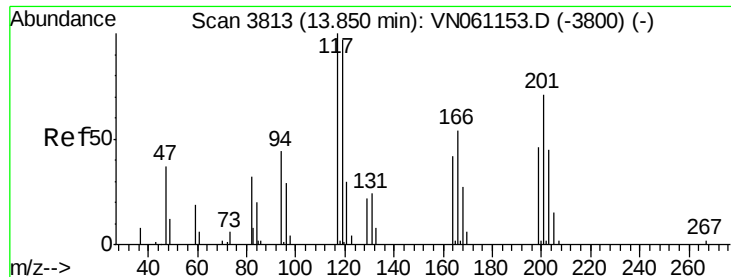
Tot Ion:146 Resp: 4248
 Ion Ratio Lower Upper
 146 100
 111 77.3 20.4 61.3#
 148 71.5 31.9 95.7



#89
 n-Butylbenzene
 Concen: 1.151 ug/l
 RT: 13.57 min Scan# 3726
 Delta R.T. -0.02 min
 Lab File: VN061355.D
 Acq: 8 May 2020 12:40

Tgt Ion: 91 Resp: 5095
 Ion Ratio Lower Upper
 91 100
 92 26.3 26.8 80.3#
 134 107.4 11.9 35.5#





#90

Hexachloroethane

Concen: 96.886 ug/l

RT: 13.87 min Scan# 3818

Delta R.T. 0.02 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

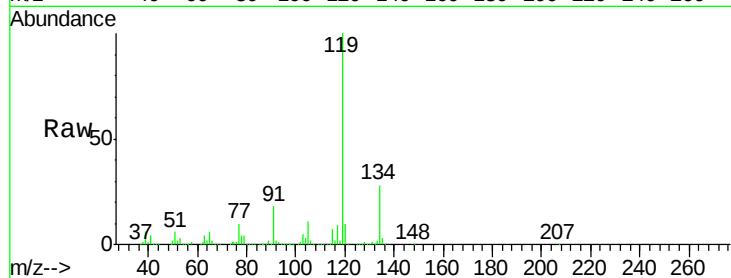
ClientSampled :

Tot Ion:117 Resp: 53057

Ion Ratio Lower Upper

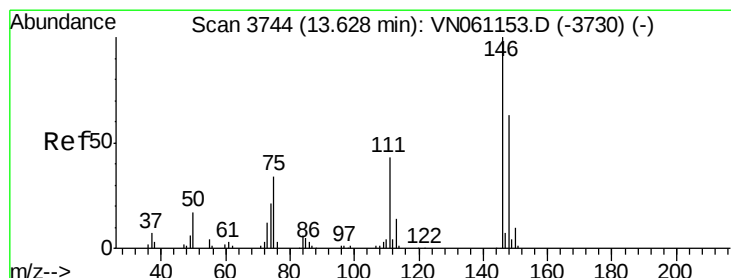
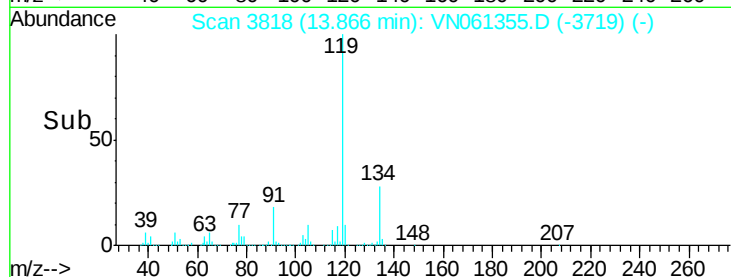
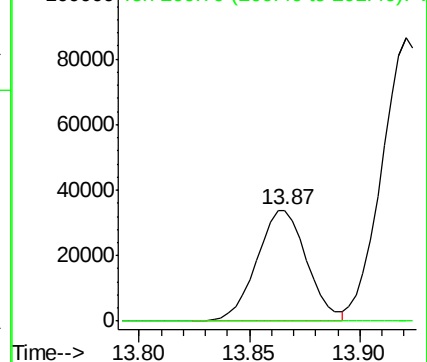
117 100

201 0.0 35.5 106.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.608 ug/l

RT: 13.63 min Scan# 3745

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

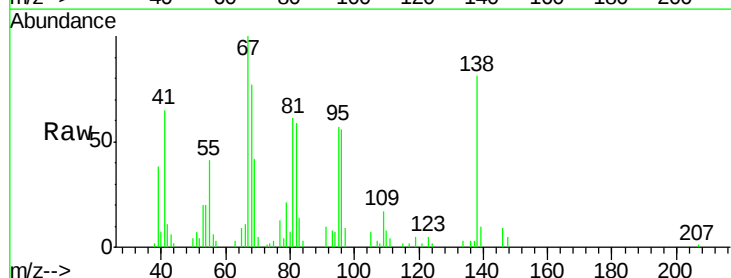
Tgt Ion:146 Resp: 1396

Ion Ratio Lower Upper

146 100

111 66.1 21.8 65.3#

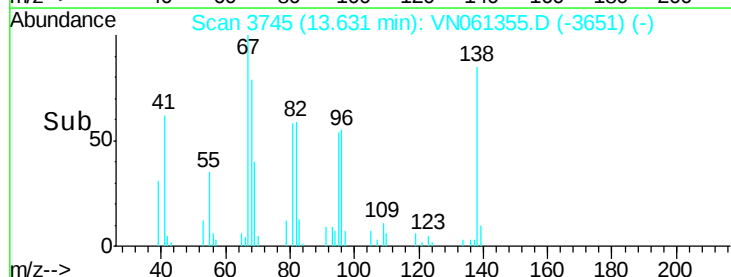
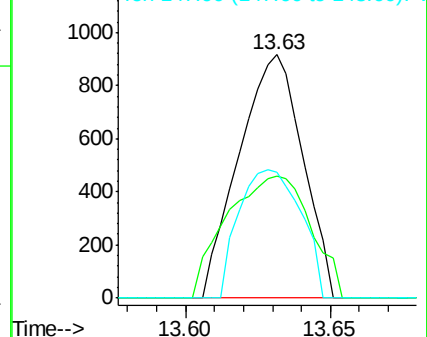
148 51.3 31.6 95.0

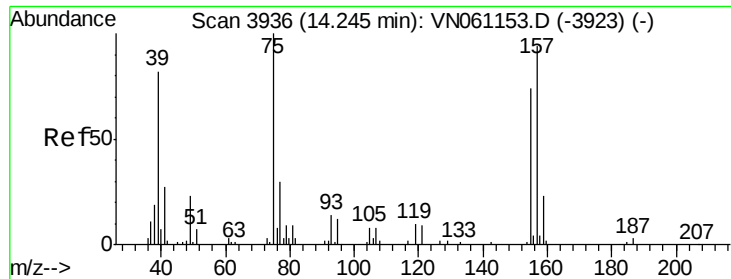


Abundance Ion 145.90 (145.60 to 146.60): V

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: 0.960 ug/l

RT: 14.30 min Scan# 3953

Delta R.T. 0.05 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

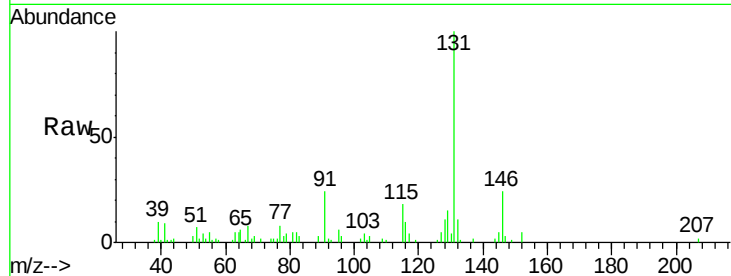
Tot Ion: 75 Resp: 356

Ion Ratio Lower Upper

75 100

155 0.0 36.5 109.7#

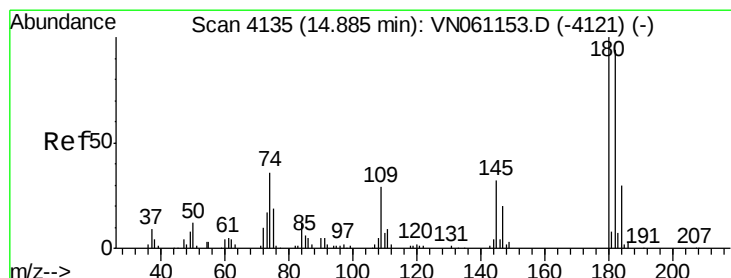
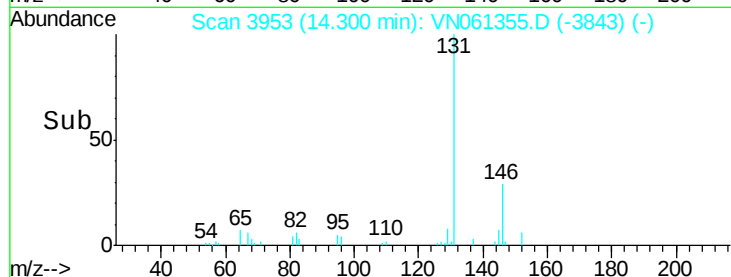
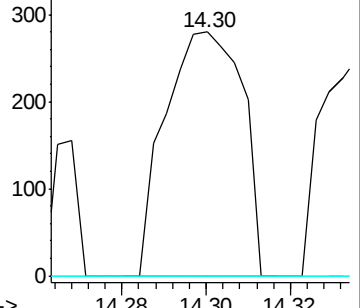
157 0.0 46.6 139.7#



Abundance Ion 74.90 (74.60 to 75.60): VN061355.D (-3843) (-)

Ion 154.80 (154.50 to 155.50): VN061355.D (-3843) (-)

Ion 156.80 (156.50 to 157.50): VN061355.D (-3843) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.219 ug/l

RT: 14.89 min Scan# 4135

Delta R.T. 0.00 min

Lab File: VN061355.D

Acq: 8 May 2020 12:40

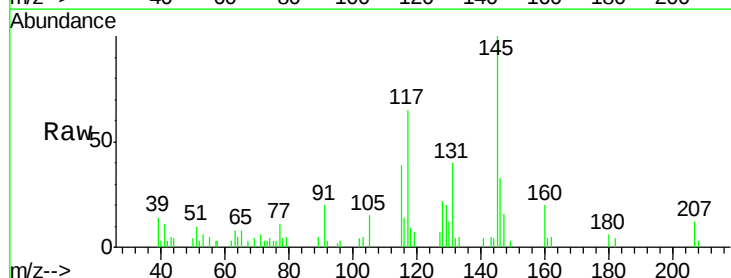
Tgt Ion: 180 Resp: 306

Ion Ratio Lower Upper

180 100

182 68.3 47.3 141.9

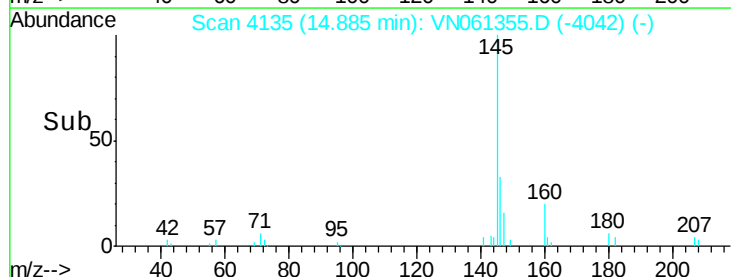
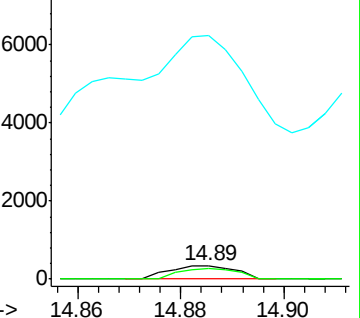
145 5006.5 16.0 47.9#

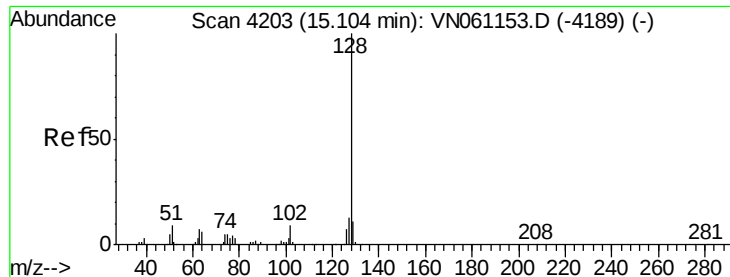


Abundance Ion 179.80 (179.50 to 180.50): VN061355.D (-4042) (-)

Ion 181.80 (181.50 to 182.50): VN061355.D (-4042) (-)

Ion 144.80 (144.50 to 145.50): VN061355.D (-4042) (-)





#95
Naphthalene
Concen: 0.310 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061355.D
Acq: 8 May 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 1409
Ion Ratio Lower Upper
128 100
127 9.5 10.4 15.6#
129 0.0 8.7 13.1#

