

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061356.D
 Acq On : 8 May 2020 13:03
 Operator : JC/MD
 Sample : L2544-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:13:01 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	99376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	181839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	170241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78523	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	81560	51.87	ug/l	0.00
Spiked Amount						
			Recovery	=	103.74%	
35) Dibromofluoromethane	7.55	113	54038	50.26	ug/l	0.00
Spiked Amount						
			Recovery	=	100.52%	
50) Toluene-d8	10.06	98	224702	51.26	ug/l	0.00
Spiked Amount						
			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.38	95	84421	51.18	ug/l	0.00
Spiked Amount						
			Recovery	=	102.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	293	0.230	ug/l #	42
4) Vinyl Chloride	2.16	62	8731	6.023	ug/l	97
11) Tert butyl alcohol	4.72	59	462	2.193	ug/l #	72
14) Allyl chloride	4.48	41	7978	4.104	ug/l #	66
16) Acetone	3.78	43	1771	Below Cal		98
18) Methyl Acetate	4.48	43	17023	9.139	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	4021	3.001	ug/l	93
31) Cyclohexane	7.62	56	5548	2.425	ug/l #	62
36) 1,1-Dichloropropene	7.63	75	9448	5.190	ug/l #	50
38) Carbon Tetrachloride	7.63	117	10507	8.324	ug/l #	17
39) Methylcyclohexane	9.04	83	2310	1.132	ug/l	93
40) Benzene	8.00	78	63775	11.760	ug/l	99
42) 1,2-Dichloroethane	8.09	62	2028	0.987	ug/l #	76
43) Isopropyl Acetate	8.17	43	8088	2.284	ug/l #	57
47) Bromodichloromethane	9.63	83	737	0.383	ug/l #	1
48) Methyl methacrylate	9.18	41	1356	0.848	ug/l #	36
51) 4-Methyl-2-Pentanone	9.99	43	506	0.243	ug/l #	38
56) Ethyl methacrylate	10.23	69	29	2.739	ug/l #	19
59) 2-Hexanone	10.73	43	388	0.256	ug/l #	27
60) Dibromochloromethane	10.60	129	284	0.208	ug/l #	10
65) Chlorobenzene	11.41	112	698934	206.968	ug/l	98
69) o-Xylene	11.92	106	1431	0.644	ug/l	91
73) Isopropylbenzene	12.22	105	6331	1.097	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.43	83	767	0.426	ug/l #	25
76) 1,2,3-Trichloropropane	12.38	75	47696	28.811	ug/l #	100
78) n-propylbenzene	12.57	91	2213	0.323	ug/l	91
79) 2-Chlorotoluene	12.65	91	1361	0.338	ug/l	91
80) 1,3,5-Trimethylbenzene	12.87	105	6737	1.410	ug/l	71
81) trans-1,4-Dichloro-2-buten	12.38	75	47696	73.165	ug/l #	8
82) 4-Chlorotoluene	12.65	91	1361	0.321	ug/l	92
83) tert-Butylbenzene	12.97	119	24099	5.982	ug/l	96
84) 1,2,4-Trimethylbenzene	12.87	105	6737	1.369	ug/l	75
85) sec-Butylbenzene	13.15	105	34413	6.265	ug/l #	48
86) p-Isopropyltoluene	13.42	119	112133	22.659	ug/l	97

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QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

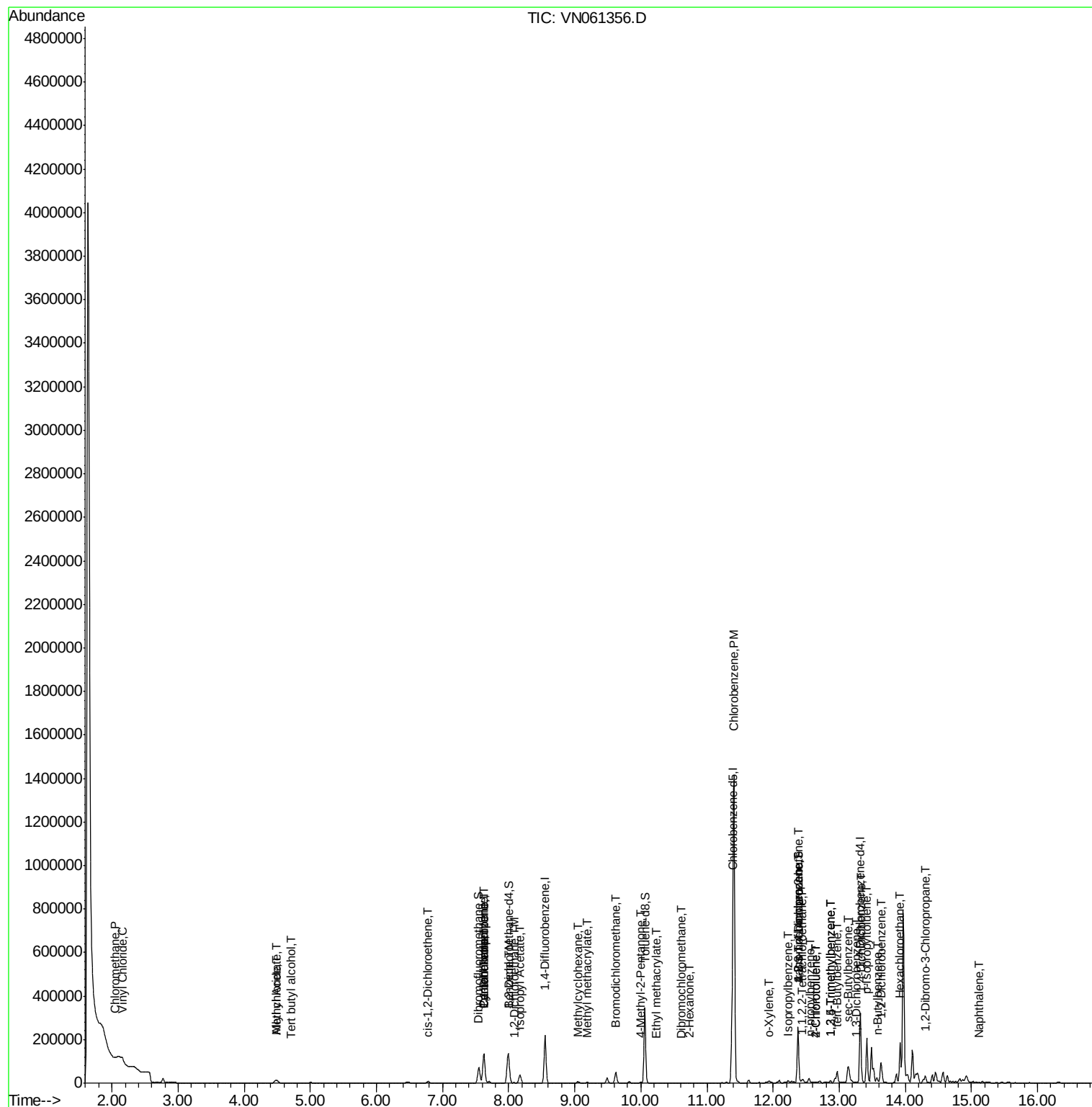
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.26	146	1330	0.542	ug/l	90
88) 1,4-Dichlorobenzene	13.34	146	5777	2.305	ug/l	85
89) n-Butylbenzene	13.59	91	6021	1.327	ug/l #	55
90) Hexachloroethane	13.92	117	75696	131.907	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	28072	11.934	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.30	75	203	0.534	ug/l #	7
95) Naphthalene	15.11	128	1241	0.266	ug/l #	69

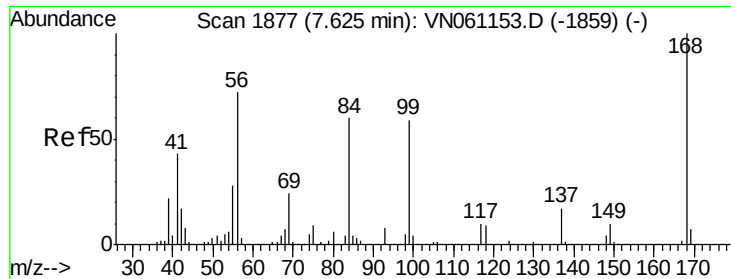
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

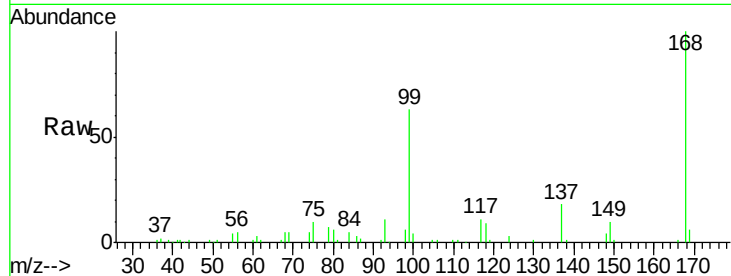
ClientSampled :

Tot Ion:168 Resp: 99376

Ion Ratio Lower Upper

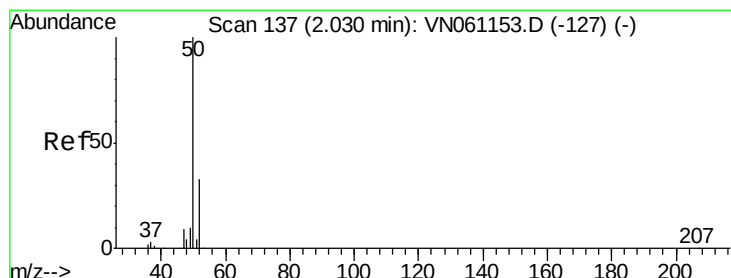
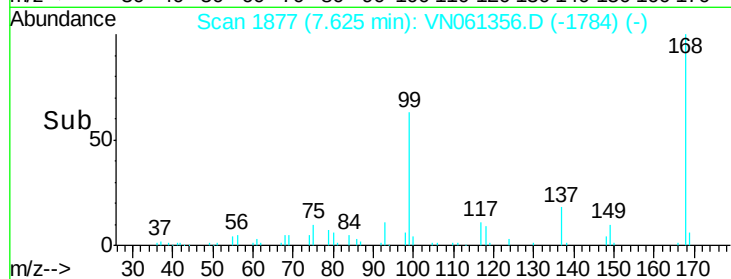
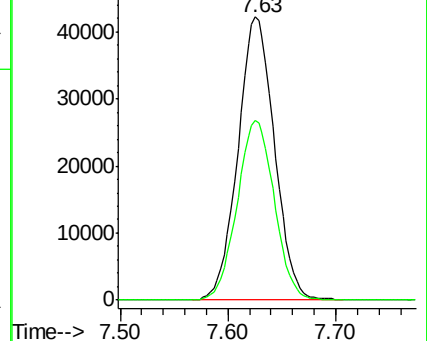
168 100

99 63.4 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: 0.230 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061356.D

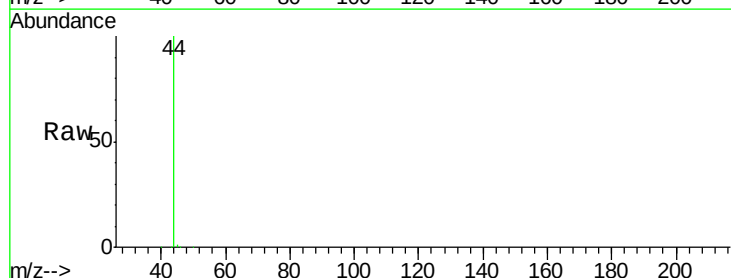
Acq: 8 May 2020 13:03

Tgt Ion: 50 Resp: 293

Ion Ratio Lower Upper

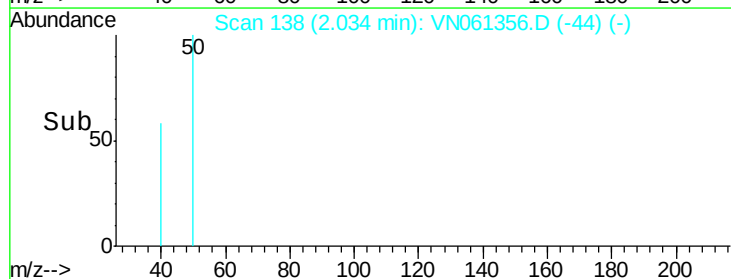
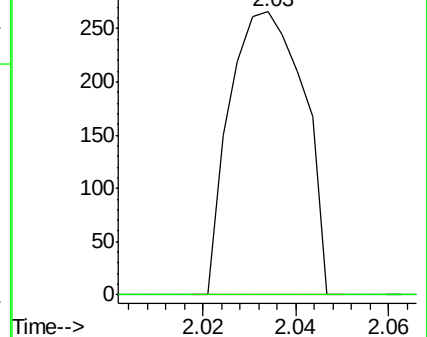
50 100

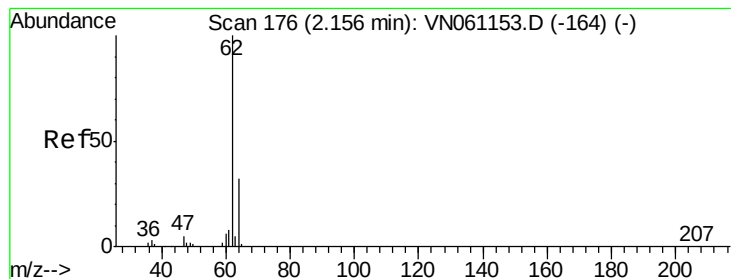
52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#4

Vinyl Chloride

Concen: 6.023 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

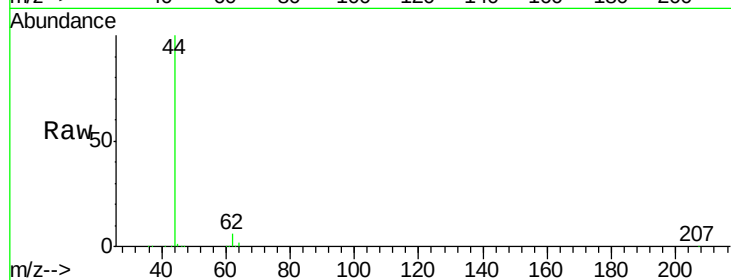
ClientSampleId :

Tot Ion: 62 Resp: 8731

Ion Ratio Lower Upper

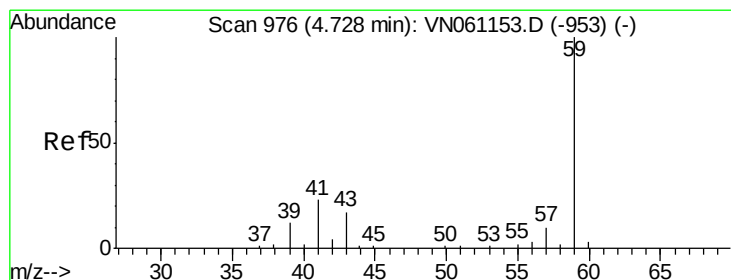
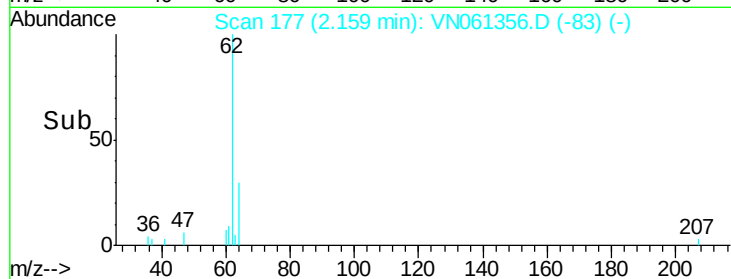
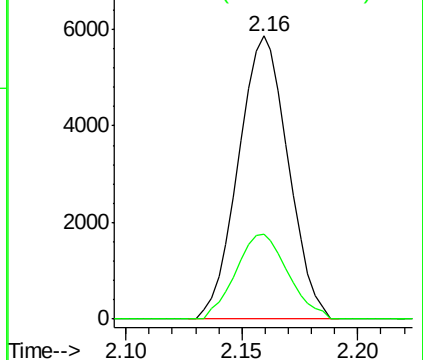
62 100

64 29.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#11

Tert butyl alcohol

Concen: 2.193 ug/l

RT: 4.72 min Scan# 973

Delta R.T. -0.01 min

Lab File: VN061356.D

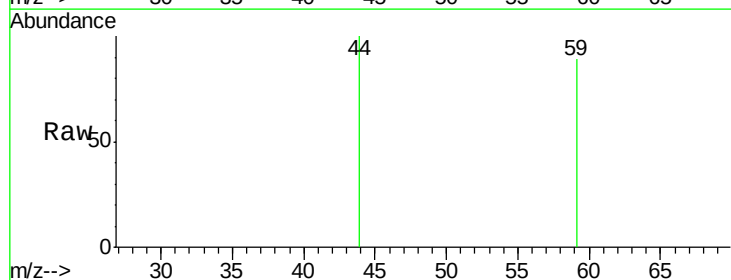
Acq: 8 May 2020 13:03

Tgt Ion: 59 Resp: 462

Ion Ratio Lower Upper

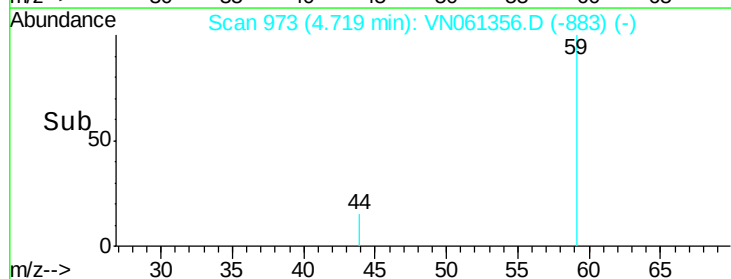
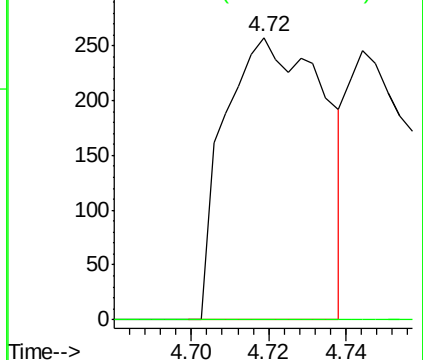
59 100

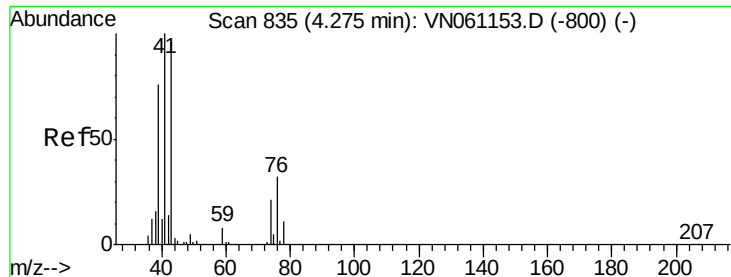
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#14

Allvl chloride

Concen: 4.104 ug/l

RT: 4.48 min Scan# 900

Delta R.T. 0.21 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

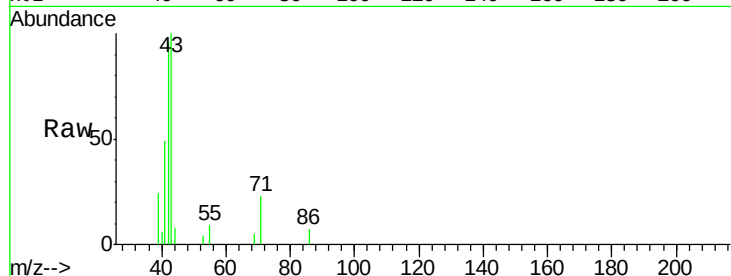
Tot Ion: 41 Resp: 7978

Ion Ratio Lower Upper

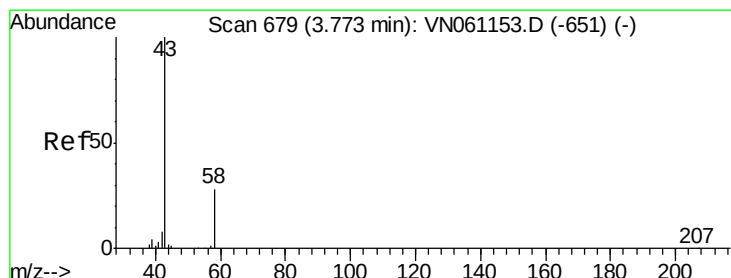
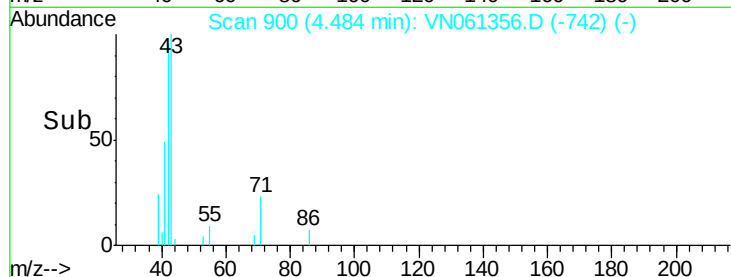
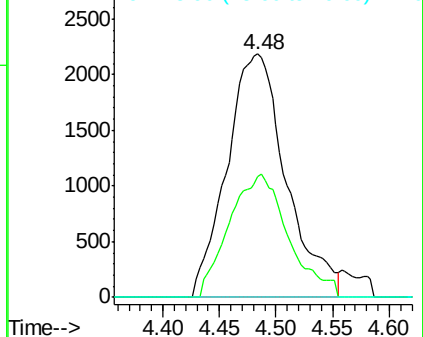
41 100

39 50.4 57.1 85.7#

76 0.0 24.3 36.5#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061356.D

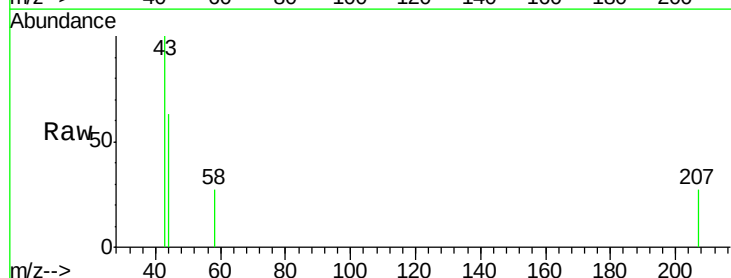
Acq: 8 May 2020 13:03

Tgt Ion: 43 Resp: 1771

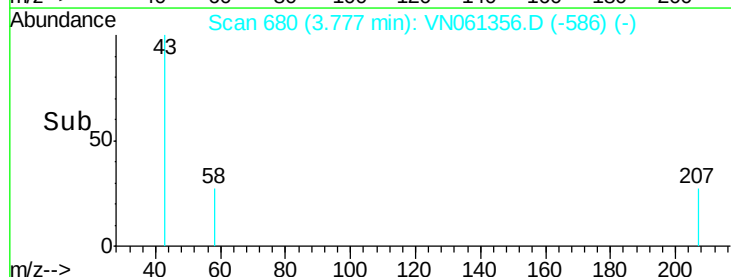
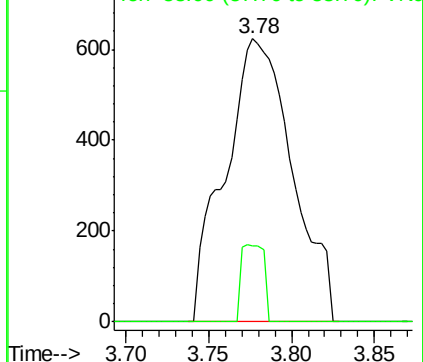
Ion Ratio Lower Upper

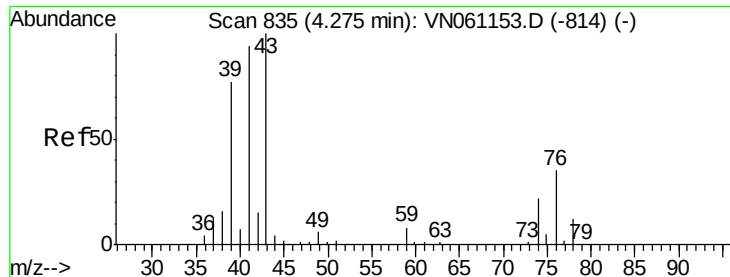
43 100

58 26.6 22.2 33.2



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





#18

Methvl Acetate

Concen: 9.139 ug/l

RT: 4.48 min Scan# 900

Delta R.T. 0.21 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

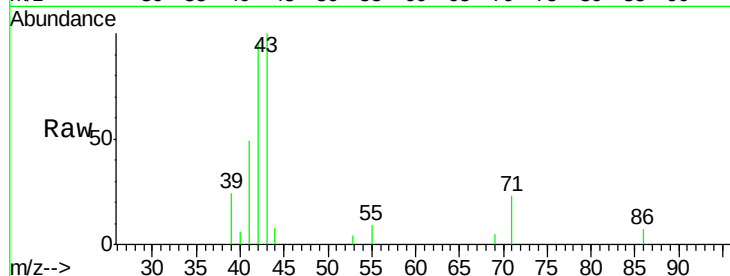
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 17023

Ion Ratio Lower Upper

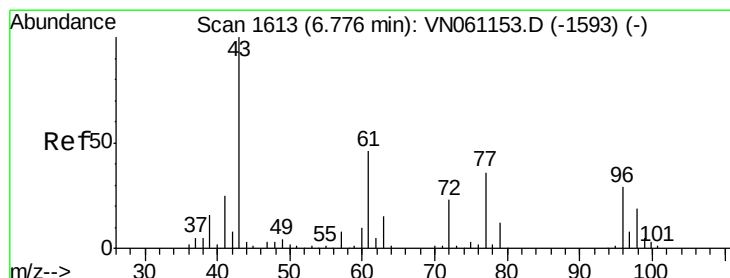
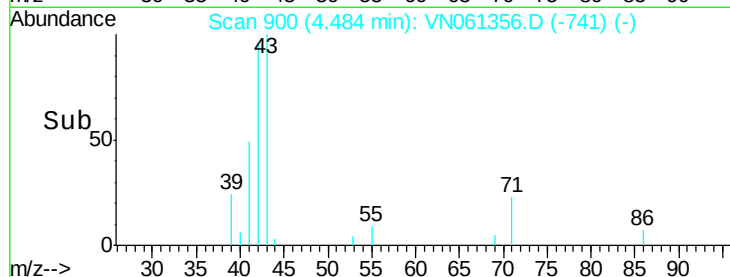
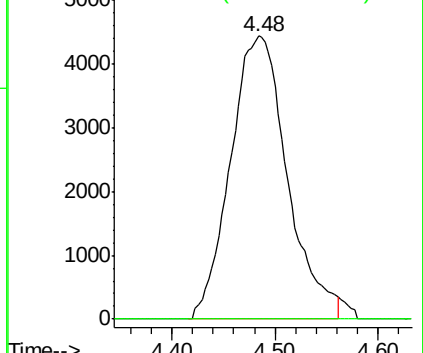
43 100

74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)



#27

cis-1,2-Dichloroethene

Concen: 3.001 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

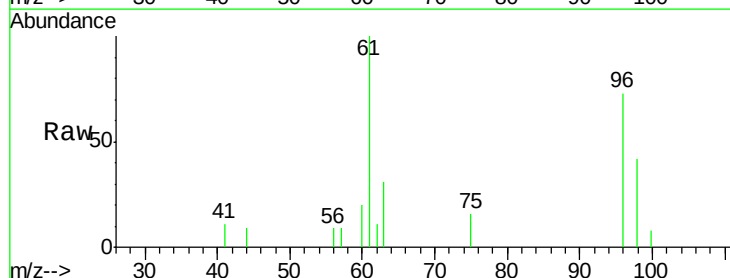
Tgt Ion: 96 Resp: 4021

Ion Ratio Lower Upper

96 100

61 148.0 0.0 322.0

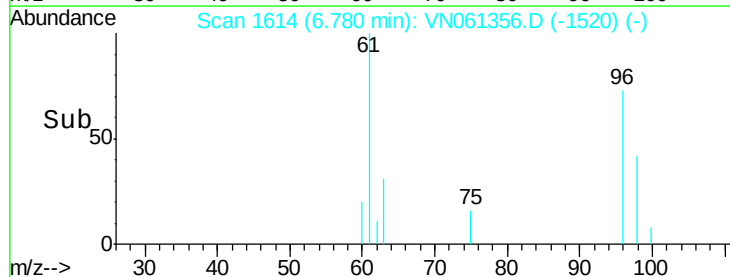
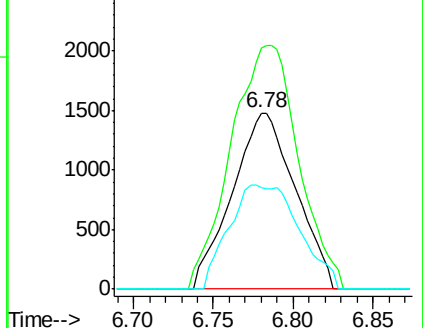
98 65.8 0.0 129.6

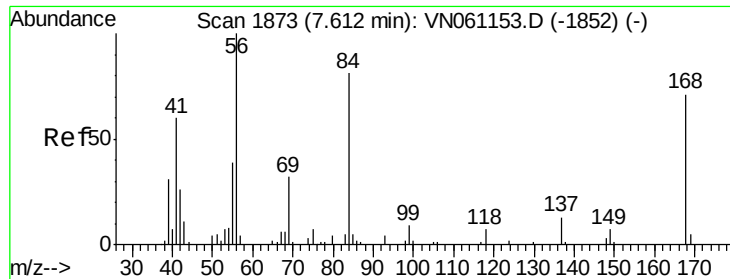


Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1593) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1593) (-)

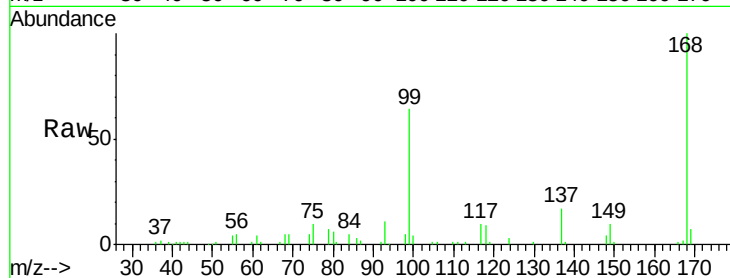




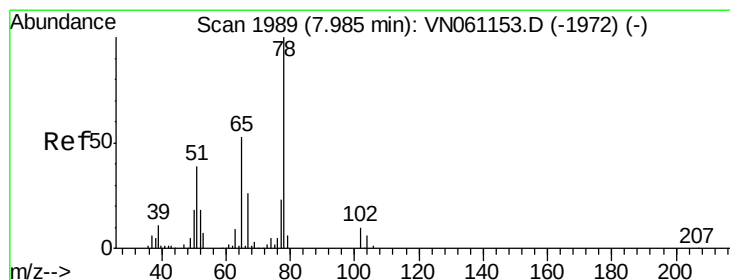
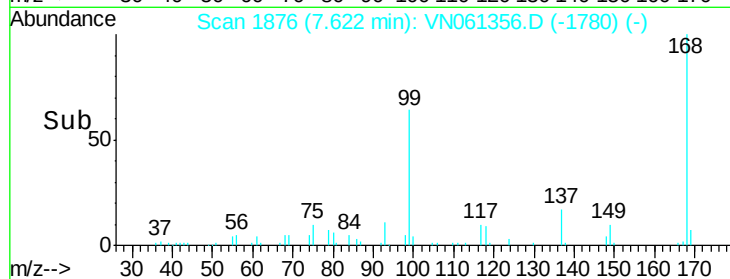
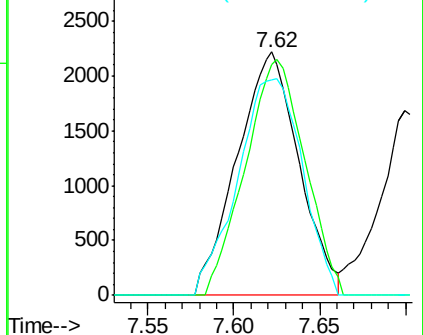
#31
Cyclohexane
Concen: 2.425 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 5548
Ion Ratio Lower Upper
56 100
69 94.9 25.7 38.5#
84 88.2 64.6 97.0

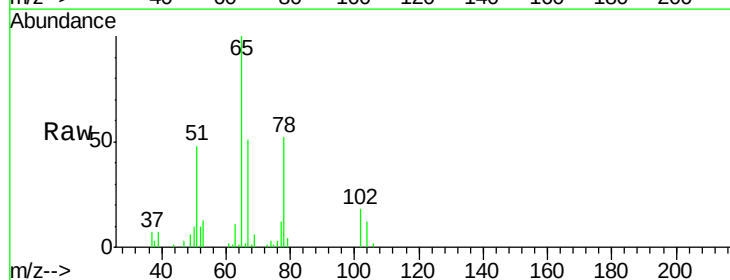


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

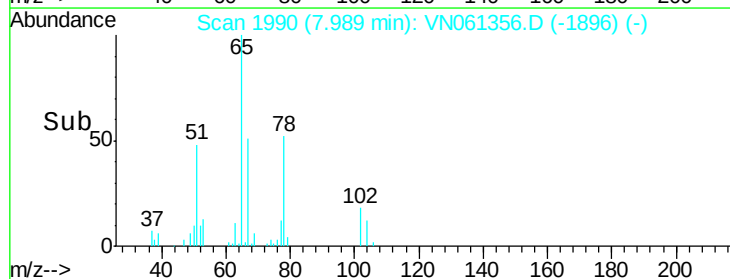
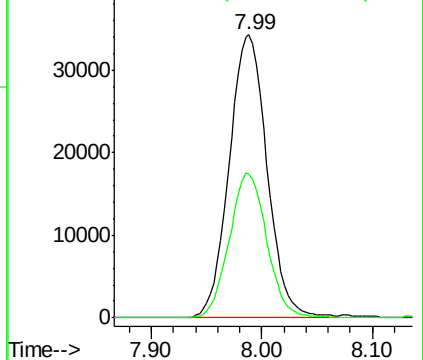


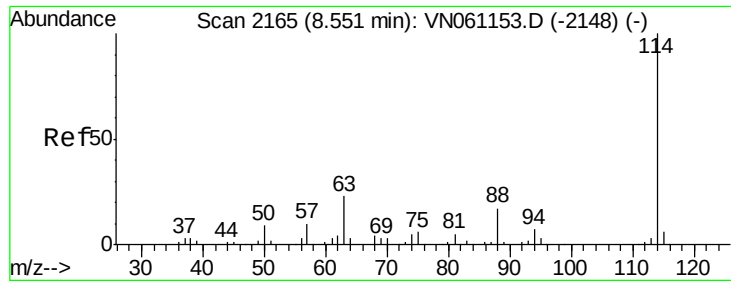
#33
1,2-Dichloroethane-d4
Concen: 51.869 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

Tgt Ion: 65 Resp: 81560
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

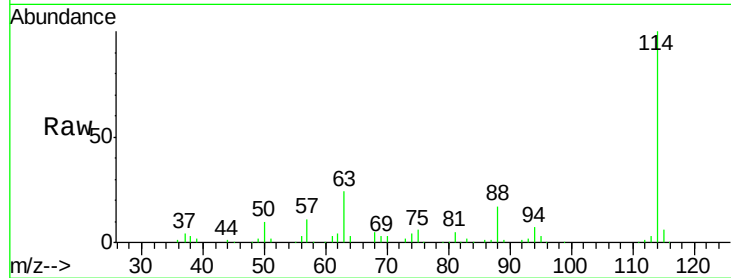
Tot Ion:114 Resp: 181839

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.6

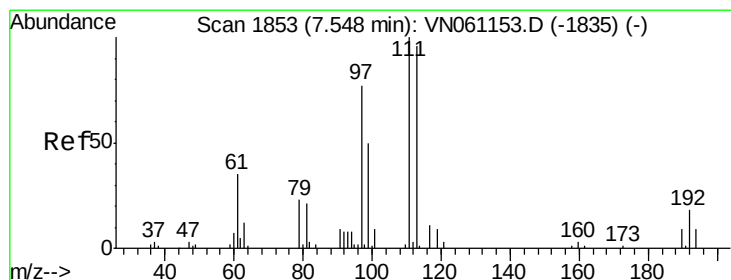
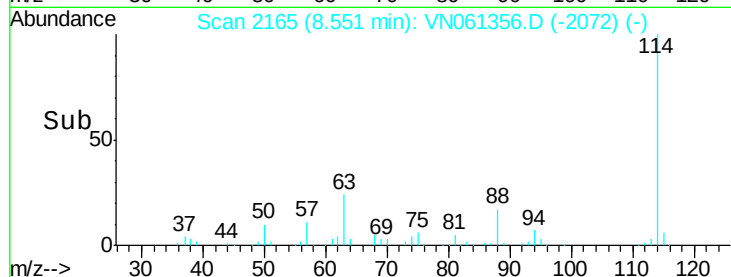
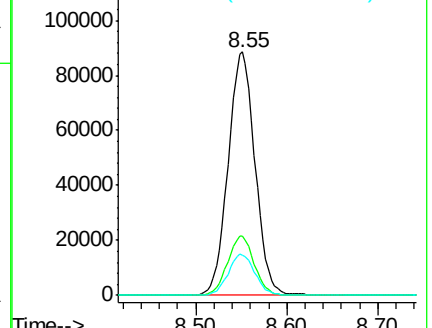
88 16.7 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.256 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

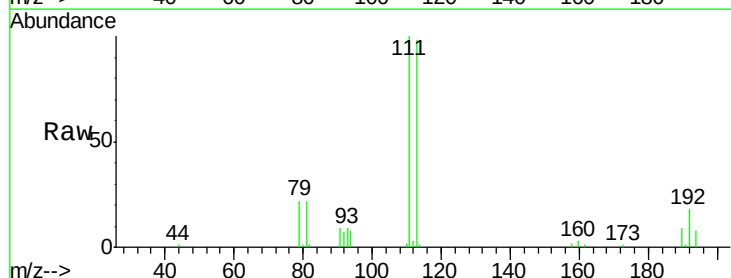
Tgt Ion:113 Resp: 54038

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

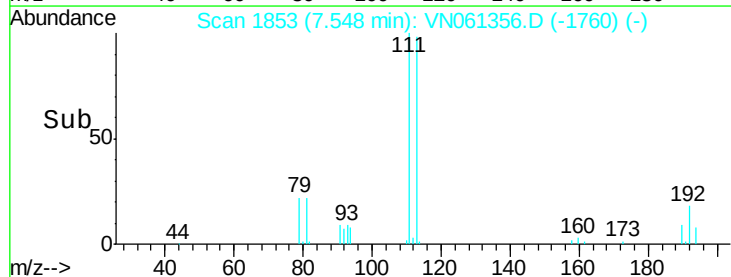
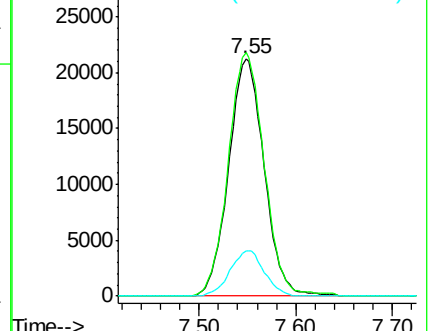
192 18.4 14.7 22.1

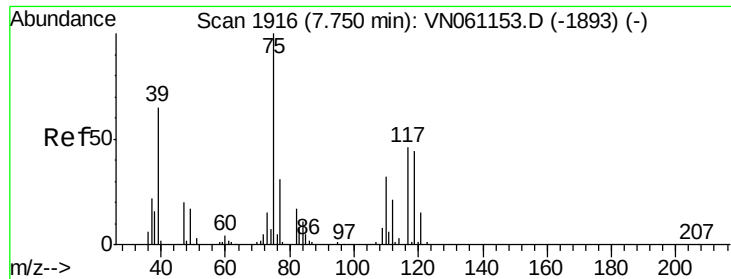


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

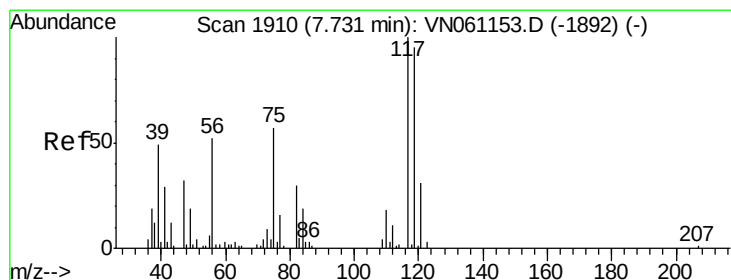
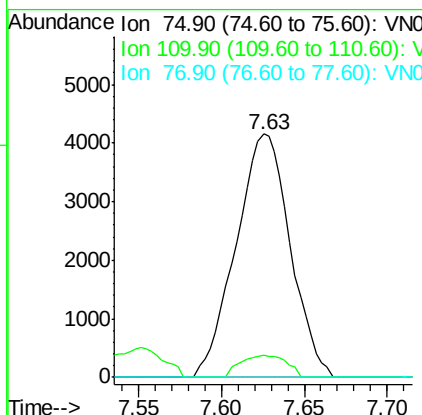
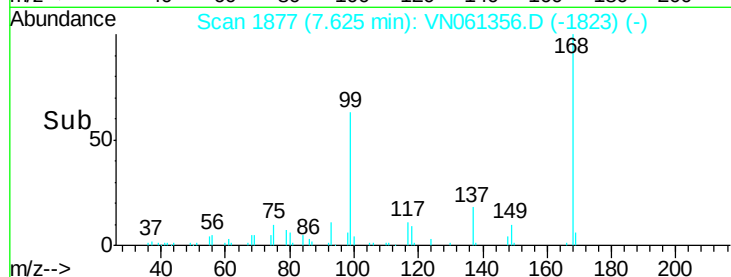
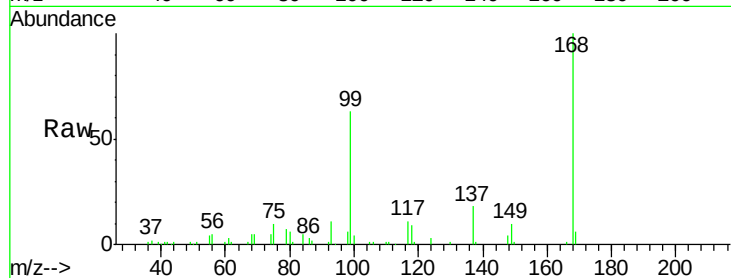




#36
 1,1-Dichloropropene
 Concen: 5.190 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

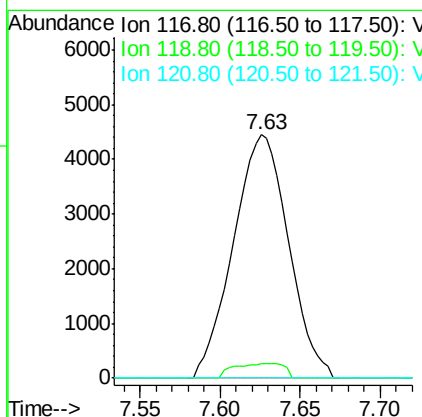
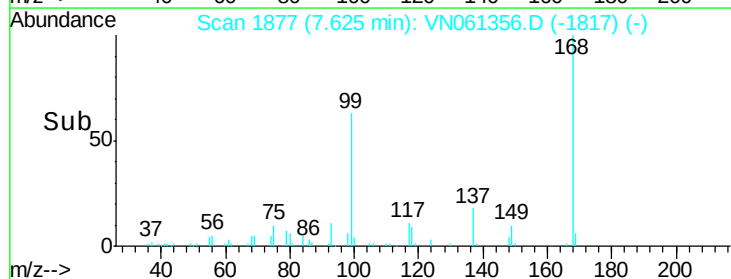
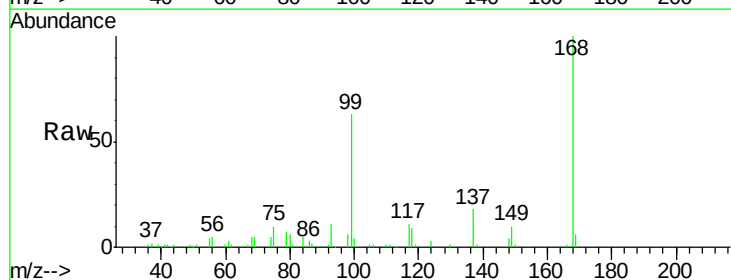
Instrument :
 MSVOA_N
 ClientSampled :

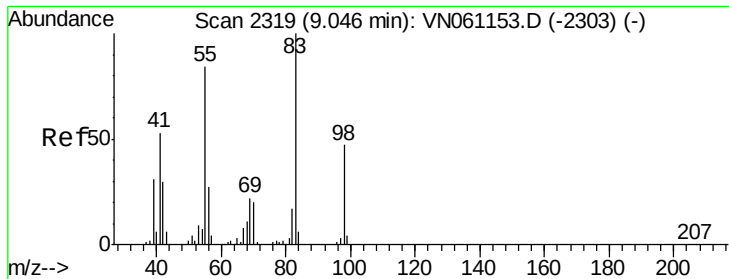
Tot Ion: 75 Resp: 9448
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.324 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

Tgt Ion: 117 Resp: 10507
 Ion Ratio Lower Upper
 117 100
 119 5.7 75.8 113.6#
 121 0.0 24.7 37.1#

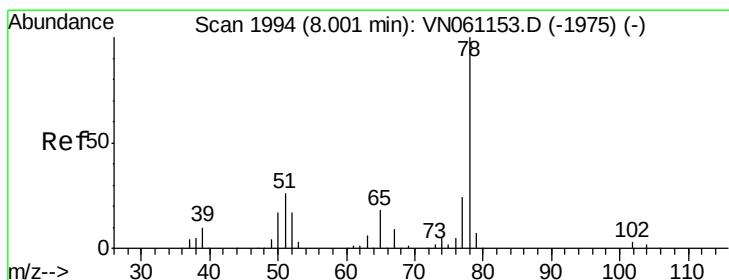
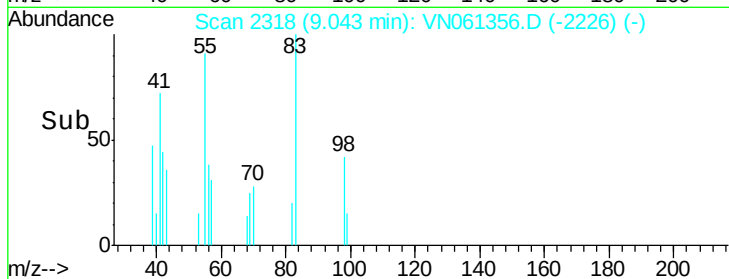
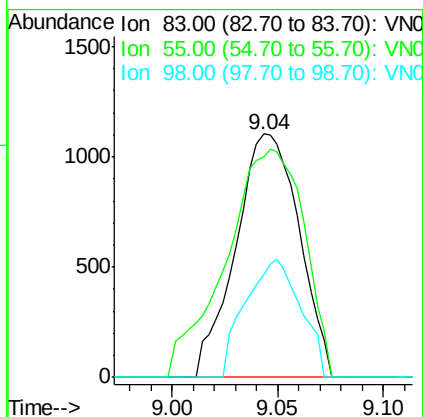
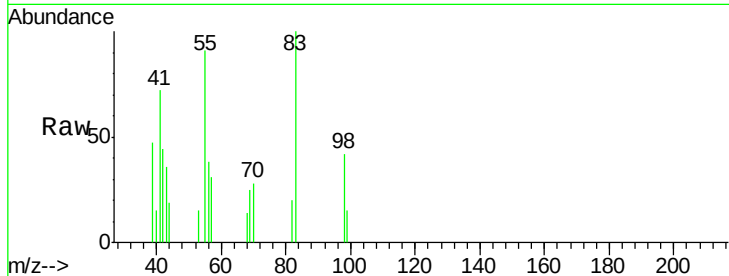




#39
Methylvlcyclohexane
Concen: 1.132 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

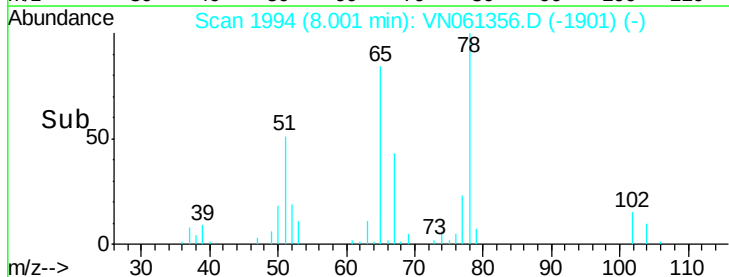
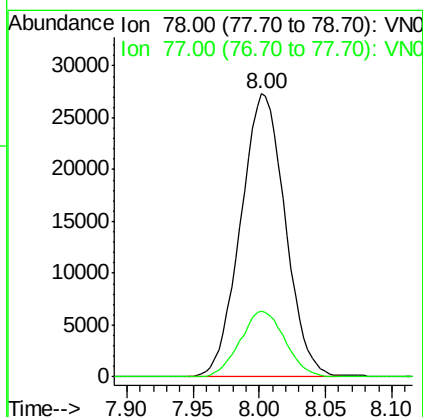
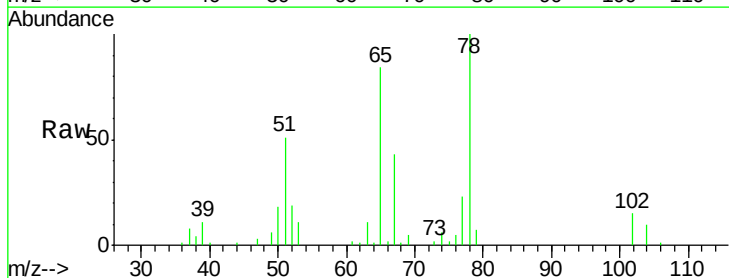
Instrument :
MSVOA_N
ClientSampleId :

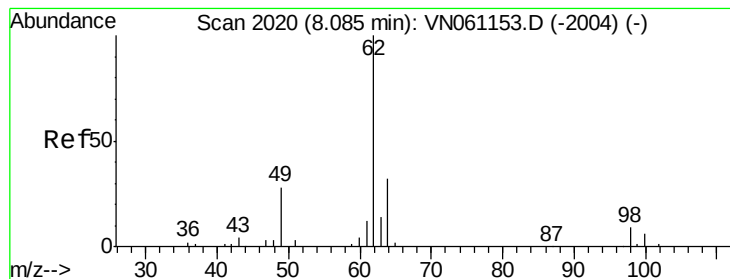
Tot Ion: 83 Resp: 2310
Ion Ratio Lower Upper
83 100
55 90.6 67.3 100.9
98 42.2 37.7 56.5



#40
Benzene
Concen: 11.760 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

Tgt Ion: 78 Resp: 63775
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.987 ug/l

RT: 8.09 min Scan# 2020

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

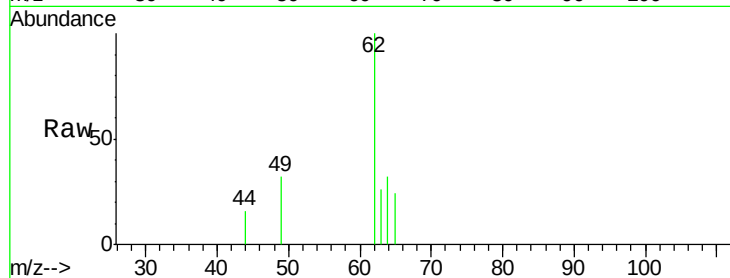
ClientSampled :

Tot Ion: 62 Resp: 2028

Ion Ratio Lower Upper

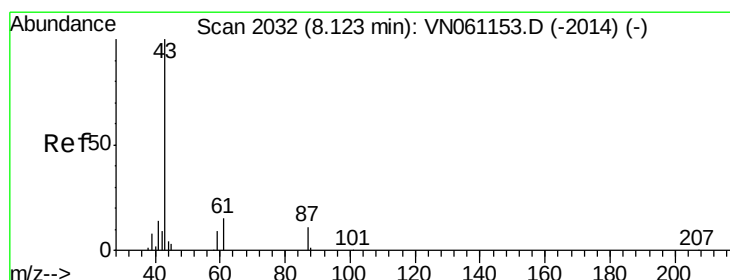
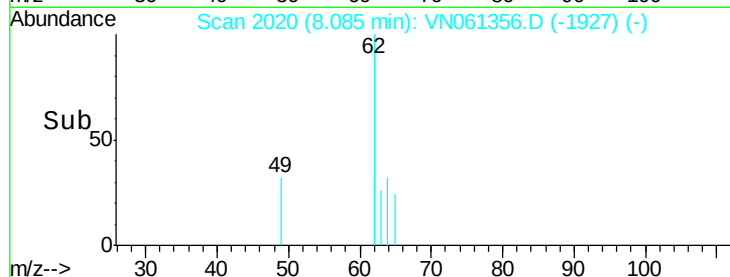
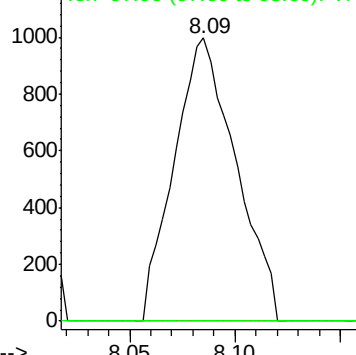
62 100

98 0.0 0.0 16.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 2.284 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.05 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

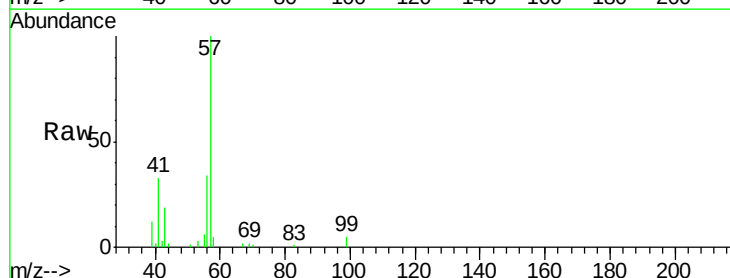
Tgt Ion: 43 Resp: 8088

Ion Ratio Lower Upper

43 100

61 0.0 19.5 29.3#

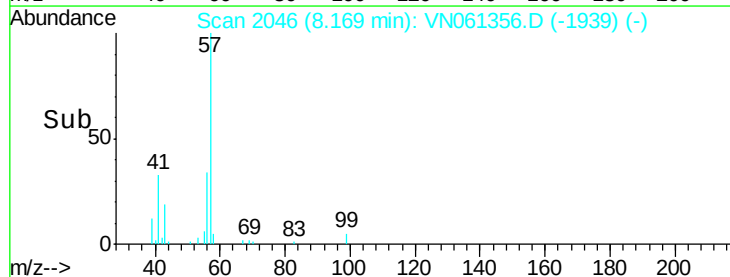
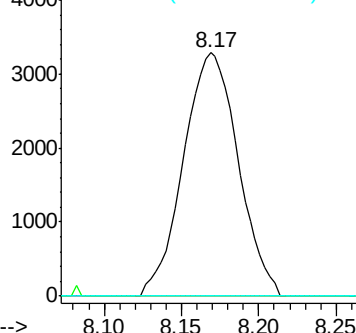
87 0.0 8.9 13.3#

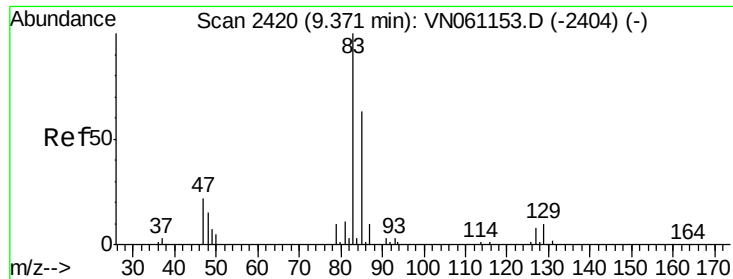


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#47

Bromodichloromethane

Concen: 0.383 ug/l

RT: 9.63 min Scan# 2499

Delta R.T. 0.25 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

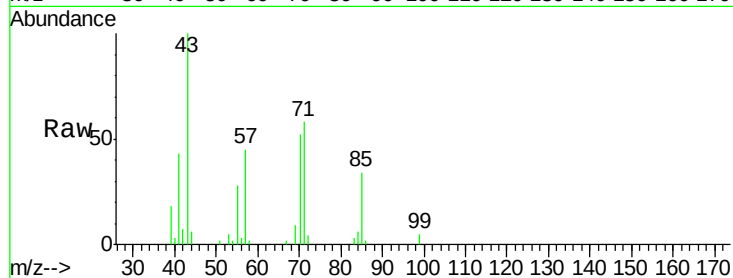
Tot Ion: 83 Resp: 737

Ion Ratio Lower Upper

83 100

85 853.0 50.4 75.6#

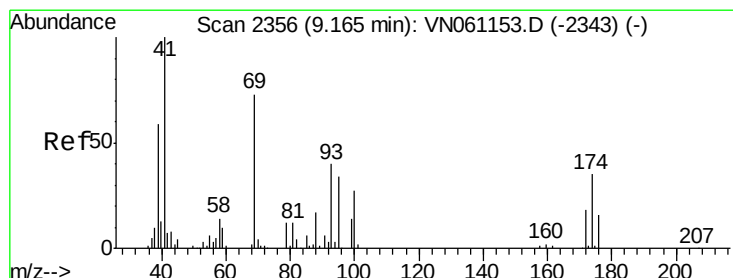
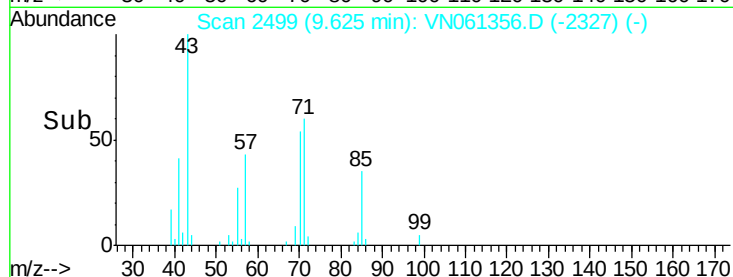
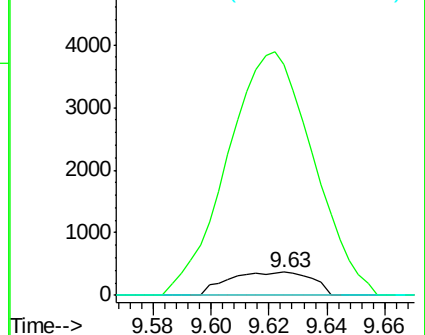
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 0.848 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. 0.02 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

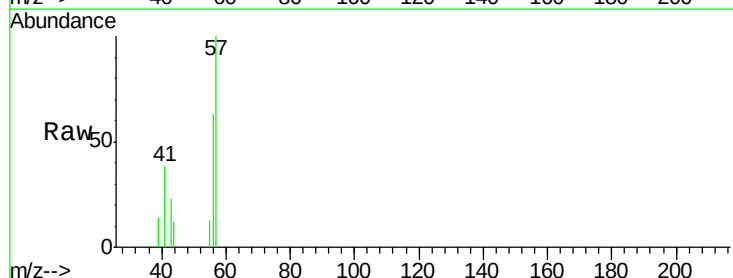
Tgt Ion: 41 Resp: 1356

Ion Ratio Lower Upper

41 100

69 0.0 60.3 90.5#

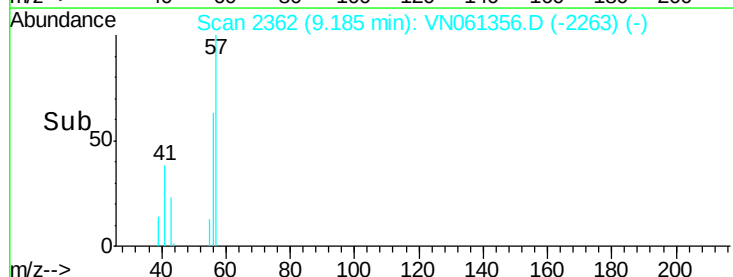
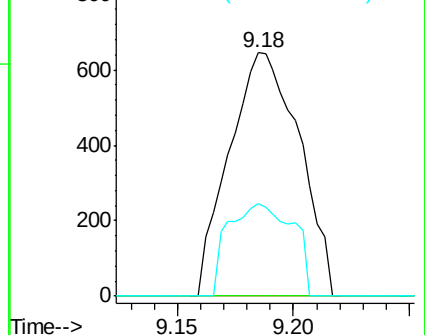
39 35.1 47.4 71.0#

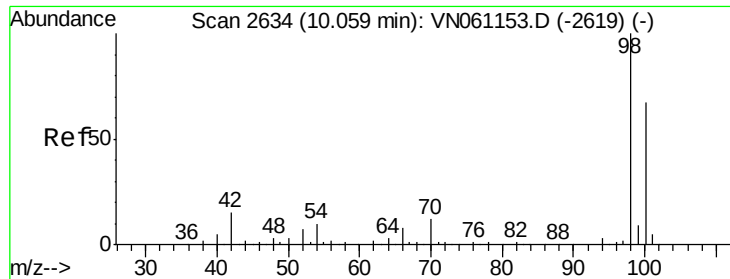


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

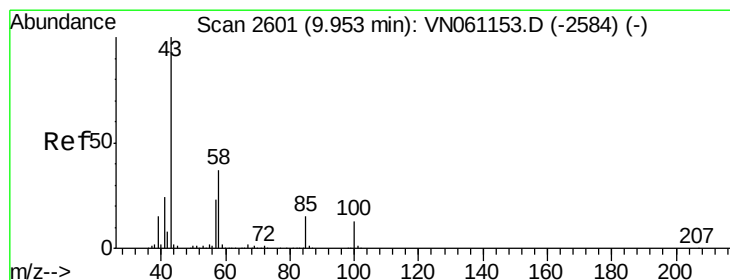
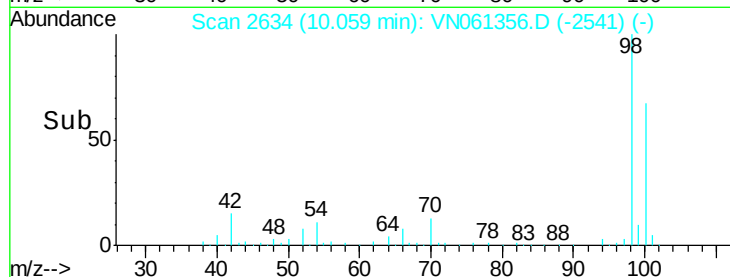
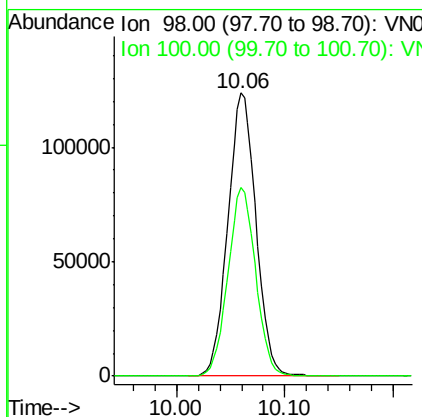
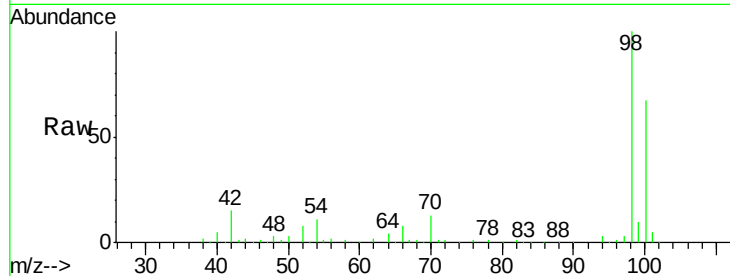




#50
Toluene-d8
Concen: 51.263 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

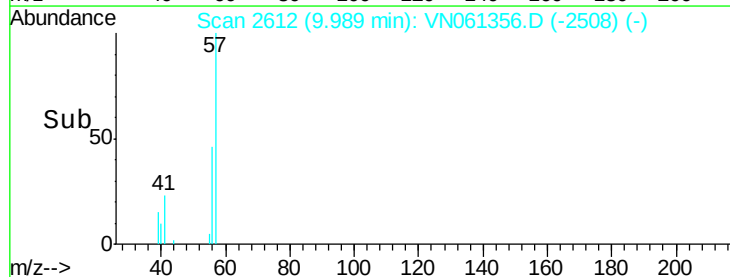
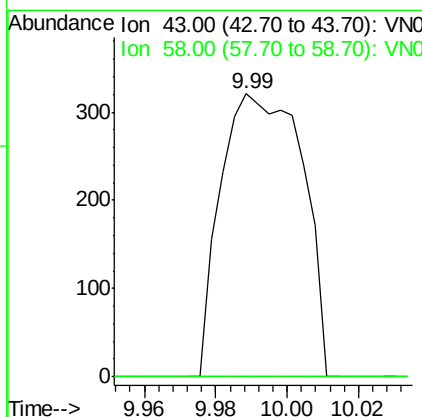
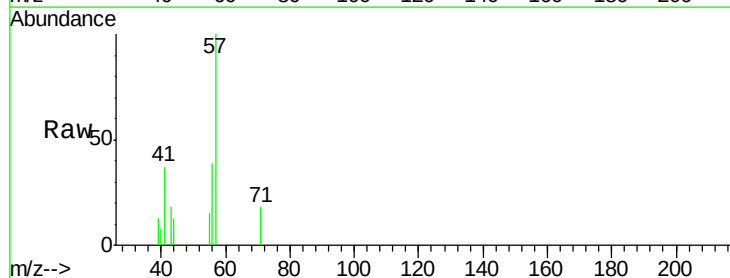
Instrument :
MSVOA_N
ClientSampled :

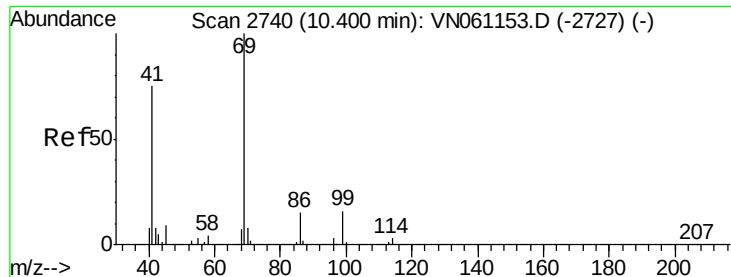
Tot Ion: 98 Resp: 224702
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.243 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.04 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
58 0.0 29.1 43.7#





#56

Ethyl methacrylate

Concen: 2.739 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.17 min

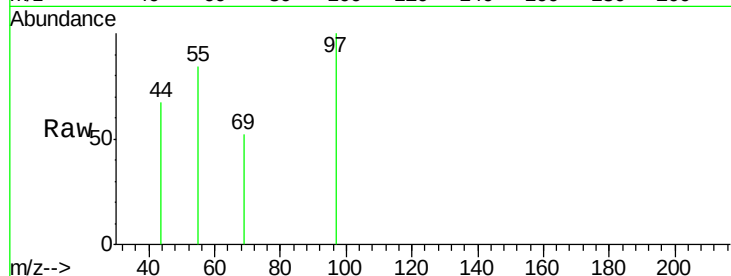
Lab File: VN061356.D

Acq: 8 May 2020 13:03

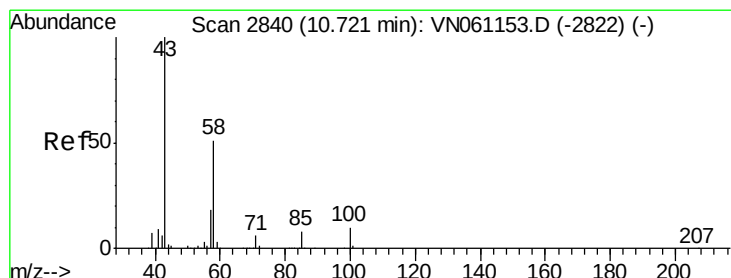
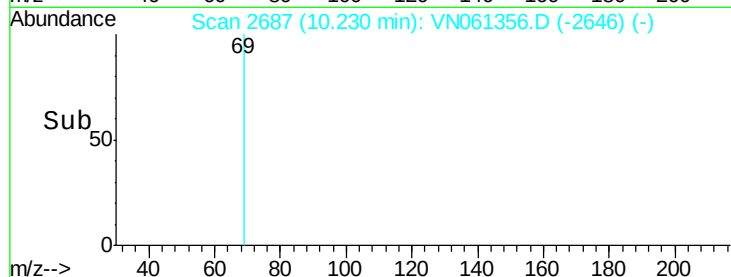
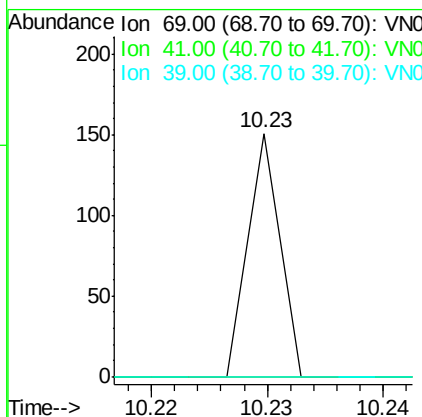
Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:	69	Resp:	29
Ion	Ratio	Lower	Upper
69	100		
41	0.0	60.3	90.5#
39	0.0	35.9	53.9#



#59

2-Hexanone

Concen: 0.256 ug/l

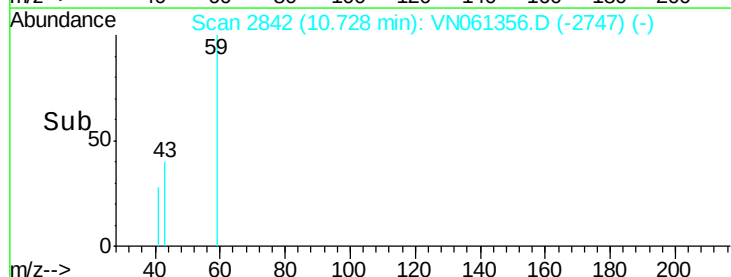
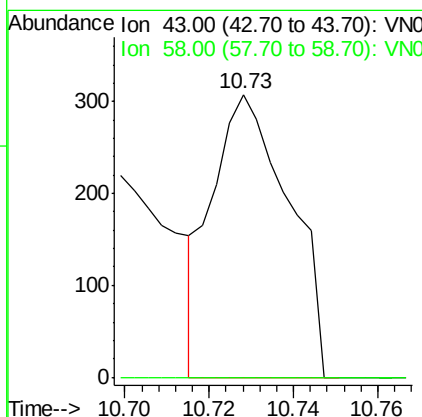
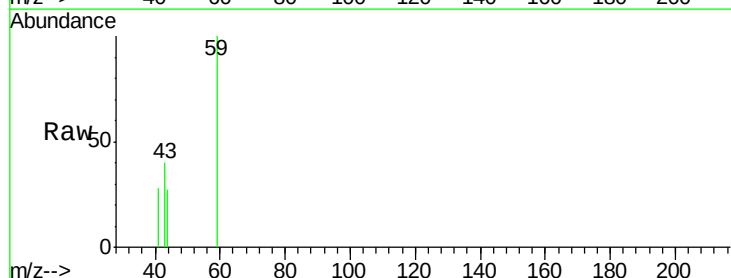
RT: 10.73 min Scan# 2842

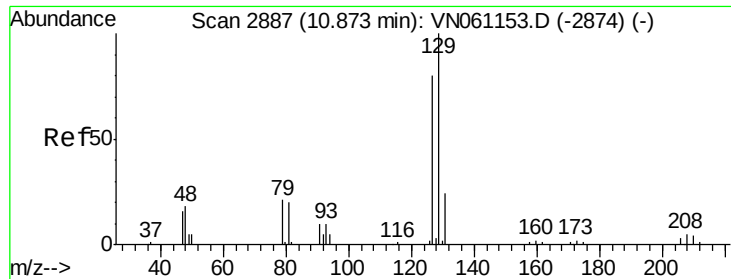
Delta R.T. 0.01 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Tgt Ion:	43	Resp:	388
Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#

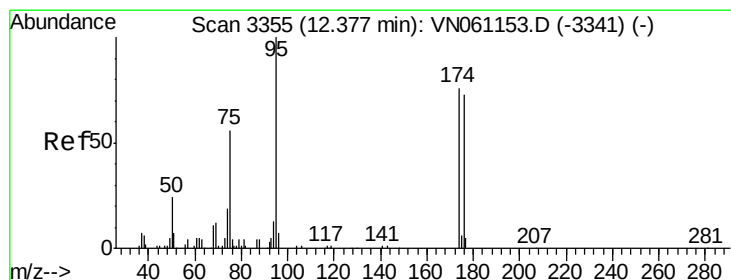
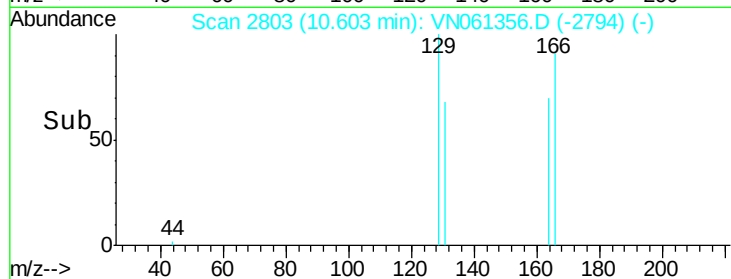
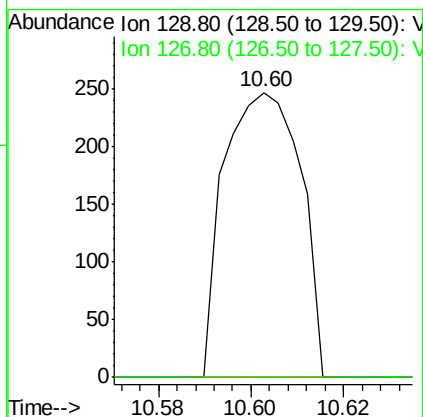
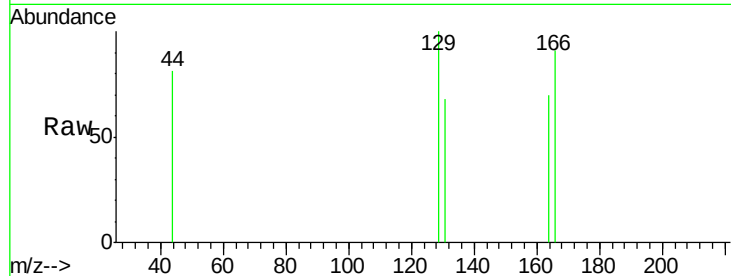




#60
 Dibromochloromethane
 Concen: 0.208 ug/l
 RT: 10.60 min Scan# 2803
 Delta R.T. -0.27 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

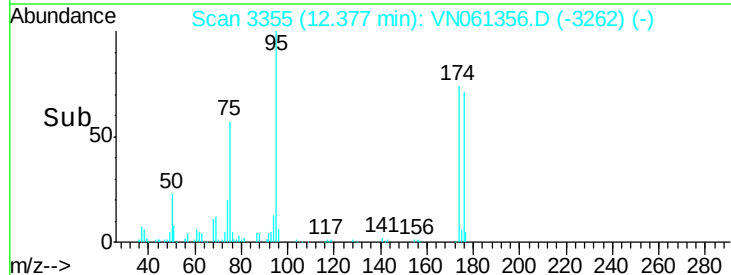
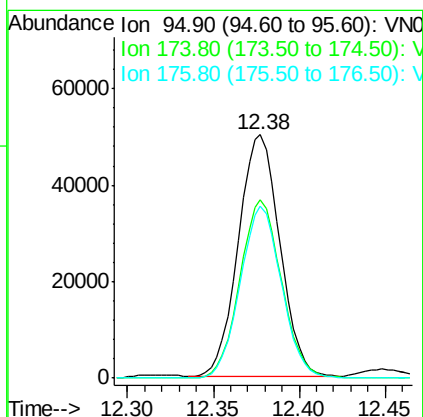
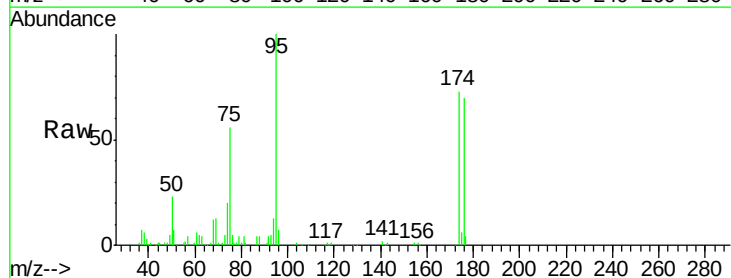
Instrument :
 MSVOA_N
 ClientSampled :

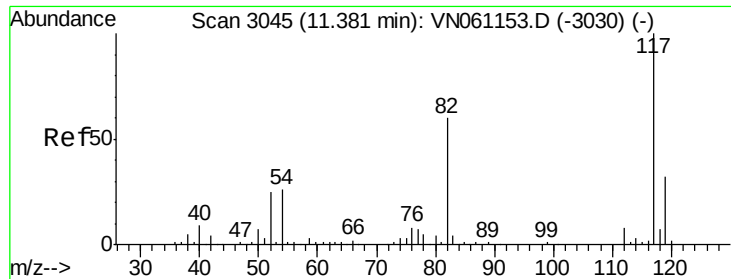
Tot Ion:129 Resp: 284
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.8#



#62
 4-Bromofluorobenzene
 Concen: 51.179 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

Tgt Ion: 95 Resp: 84421
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 149.4
 176 70.4 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: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

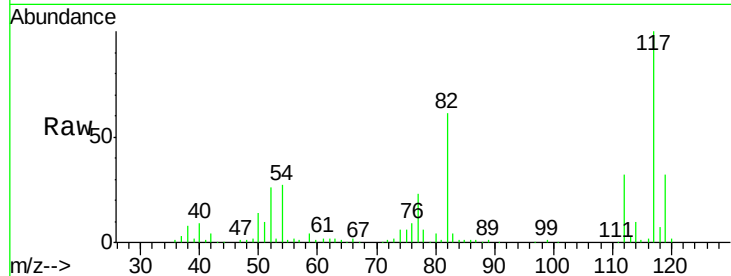
Tot Ion:117 Resp: 170241

Ion Ratio Lower Upper

117 100

82 60.7 47.8 71.8

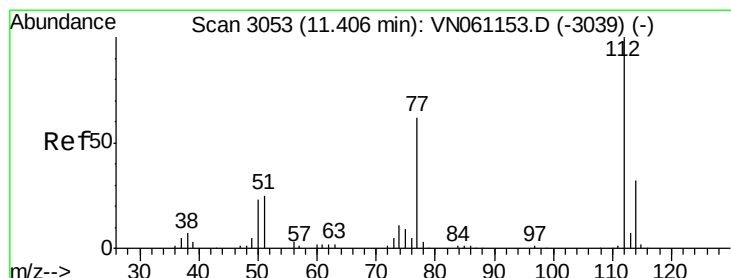
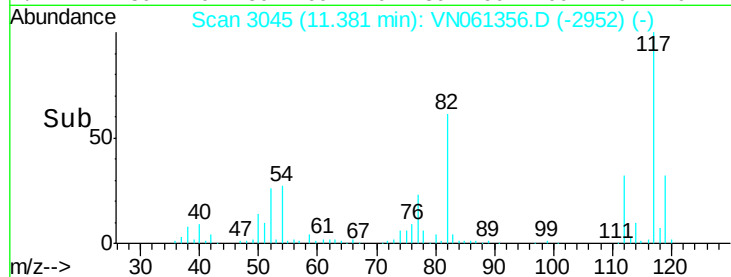
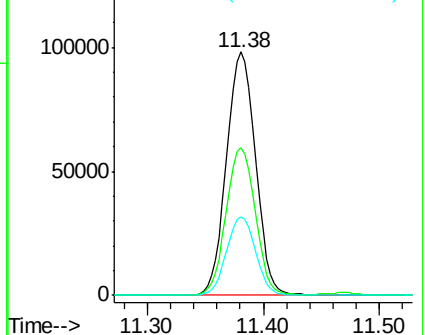
119 32.4 25.8 38.6



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: 206.968 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061356.D

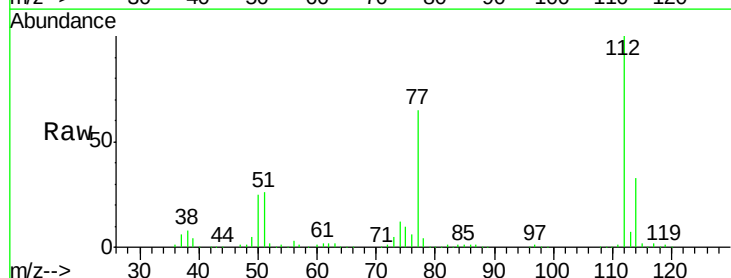
Acq: 8 May 2020 13:03

Tgt Ion:112 Resp: 698934

Ion Ratio Lower Upper

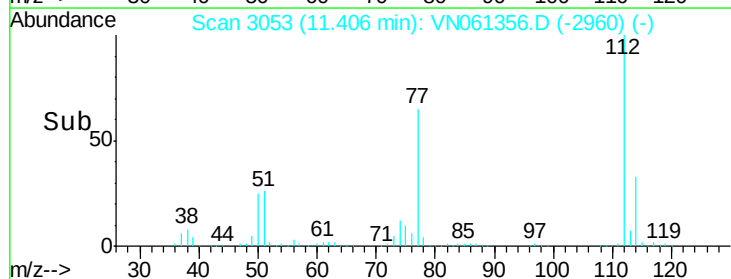
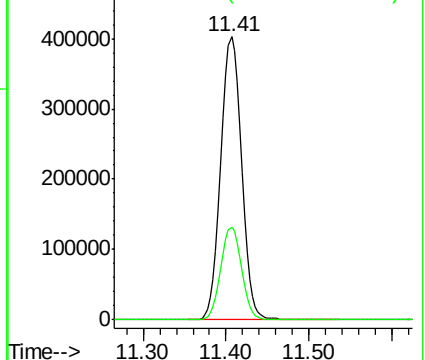
112 100

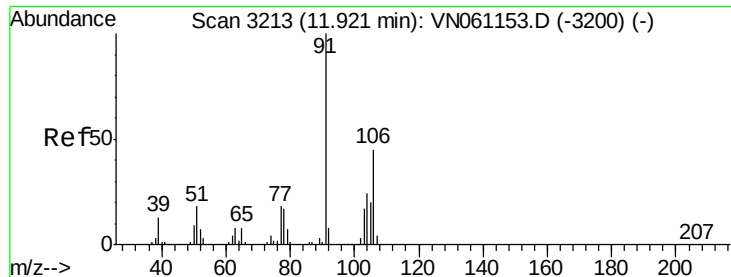
114 32.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

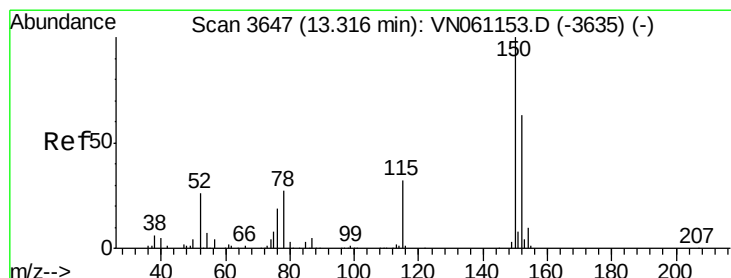
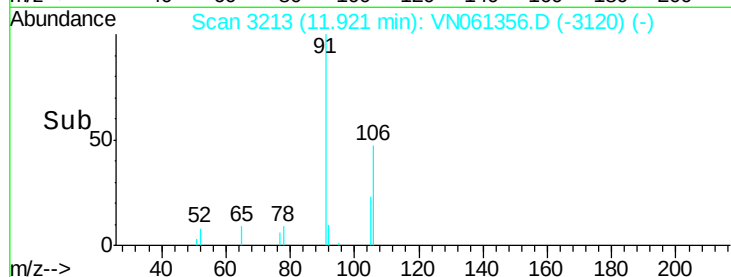
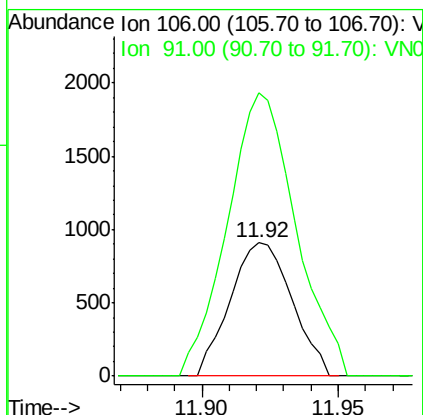
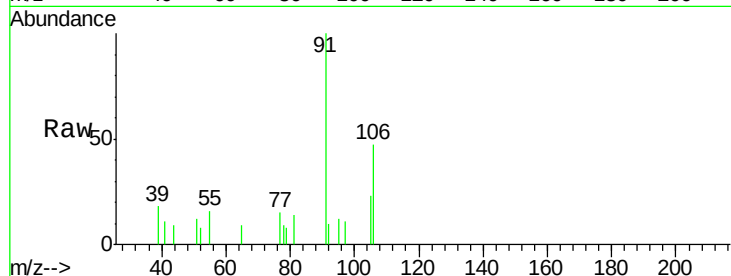




#69
o-Xylene
Concen: 0.644 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

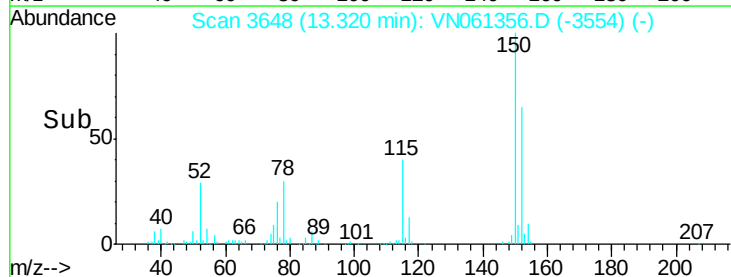
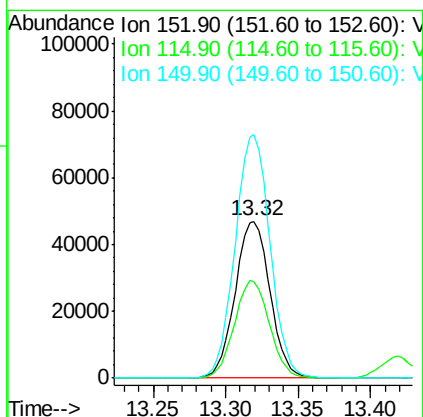
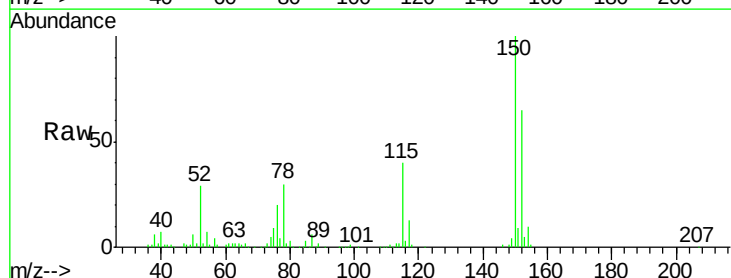
Instrument :
MSVOA_N
ClientSampled :

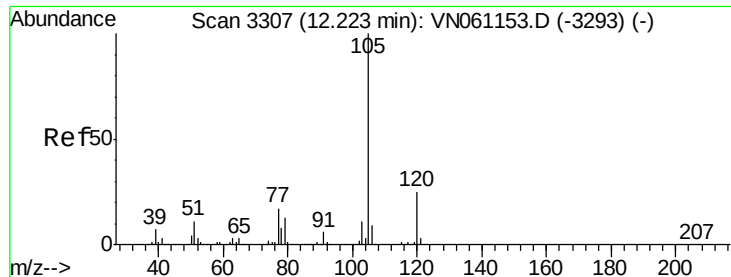
Tot Ion:106 Resp: 1431
Ion Ratio Lower Upper
106 100
91 234.1 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

Tgt Ion:152 Resp: 78523
Ion Ratio Lower Upper
152 100
115 62.6 31.0 93.0
150 155.9 0.0 351.8





#73

Isopropylbenzene

Concen: 1.097 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

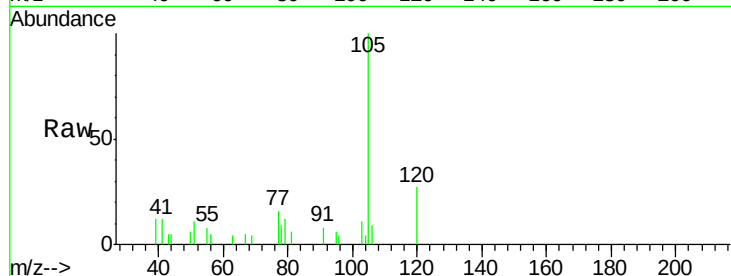
ClientSampleId :

Tot Ion:105 Resp: 6331

Ion Ratio Lower Upper

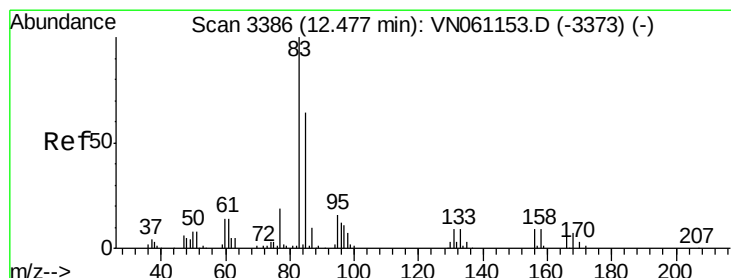
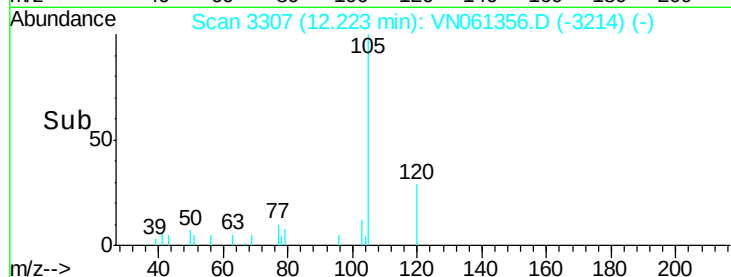
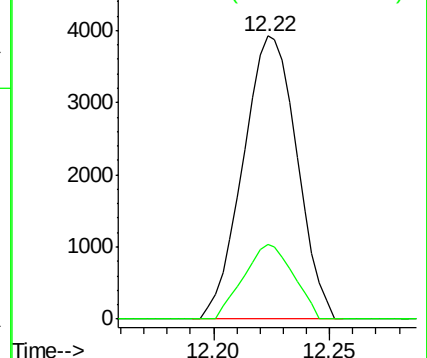
105 100

120 24.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.426 ug/l

RT: 12.43 min Scan# 3371

Delta R.T. -0.05 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

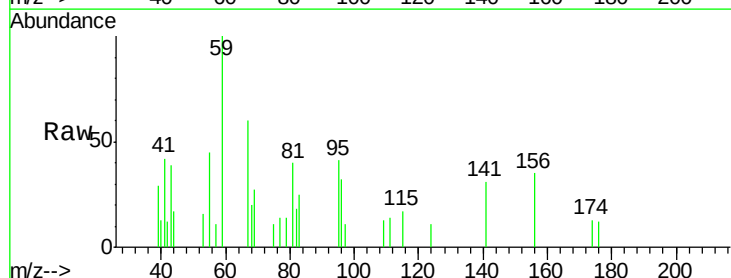
Tgt Ion: 83 Resp: 767

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

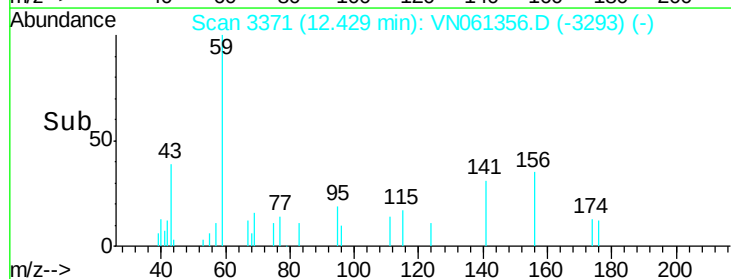
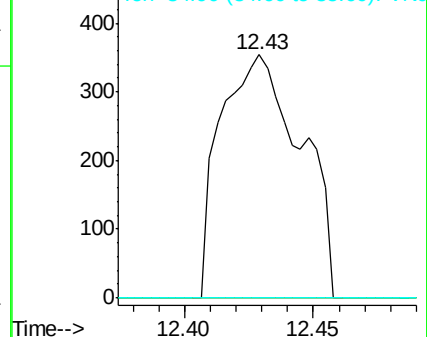
85 0.0 32.0 96.0#

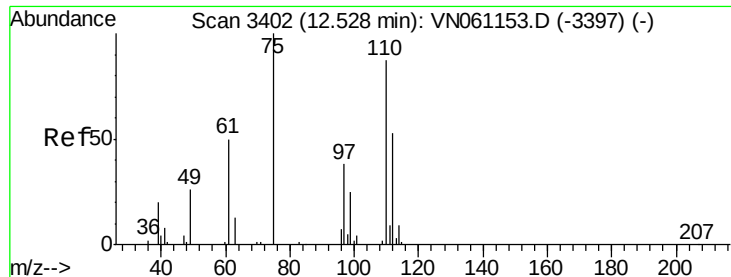


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 28.811 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

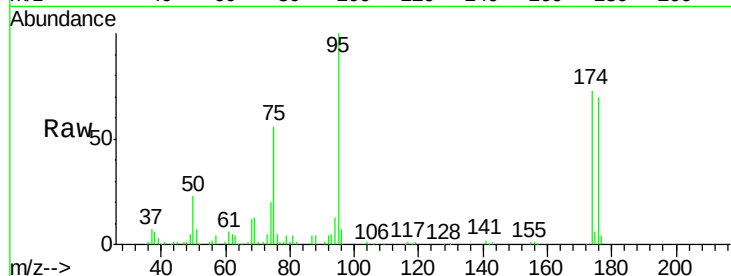
ClientSampled :

Tot Ion: 75 Resp: 47696

Ion Ratio Lower Upper

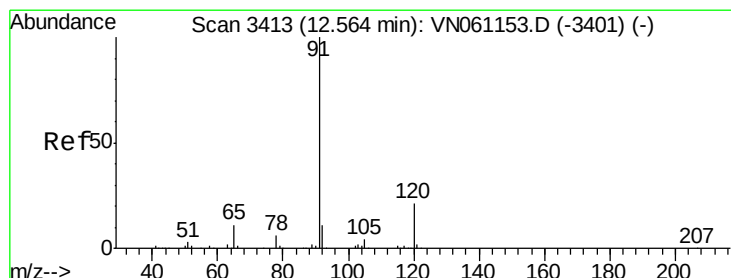
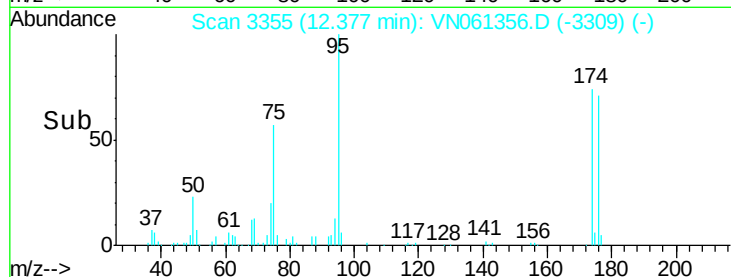
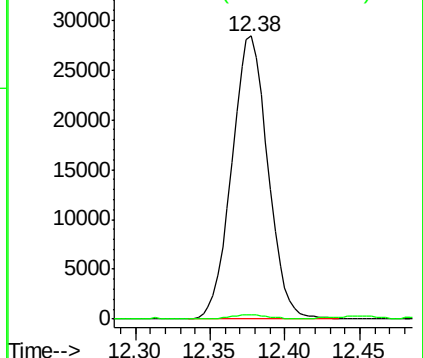
75 100

77 1.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.323 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061356.D

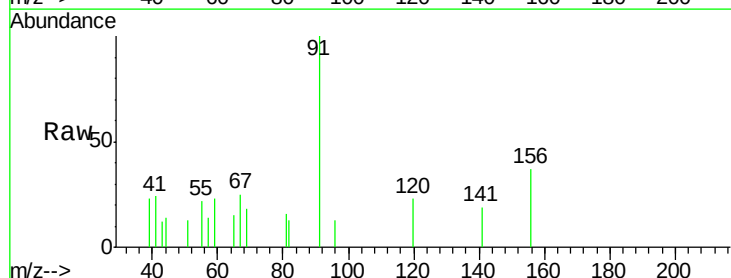
Acq: 8 May 2020 13:03

Tgt Ion: 91 Resp: 2213

Ion Ratio Lower Upper

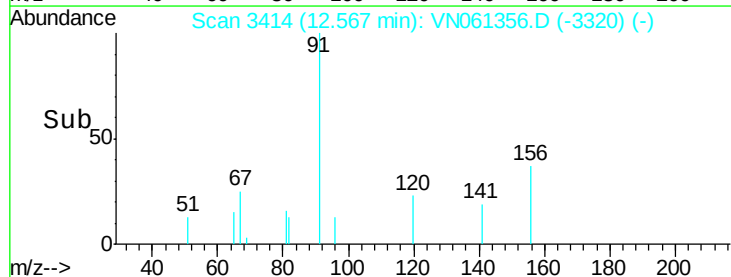
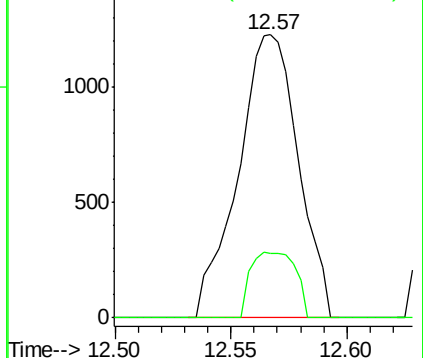
91 100

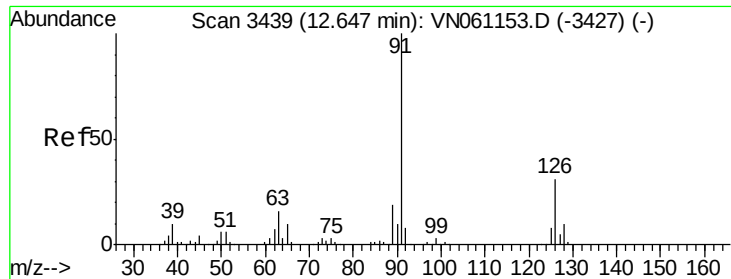
120 17.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.338 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

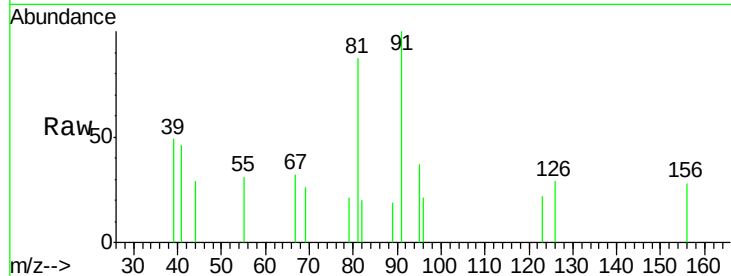
ClientSampleId :

Tot Ion: 91 Resp: 1361

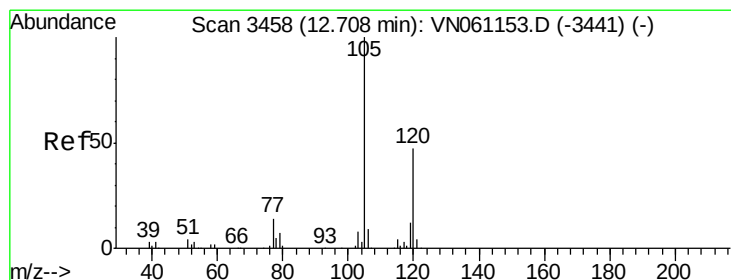
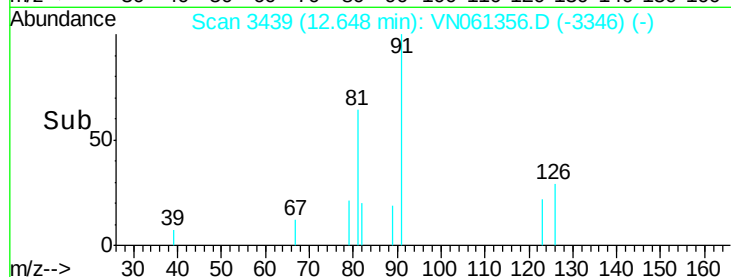
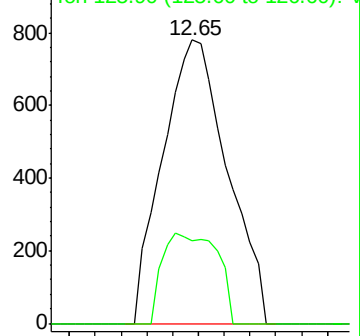
Ion Ratio Lower Upper

91 100

126 26.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.410 ug/l

RT: 12.87 min Scan# 3507

Delta R.T. 0.16 min

Lab File: VN061356.D

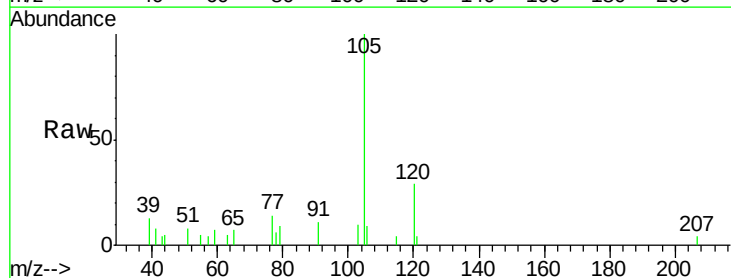
Acq: 8 May 2020 13:03

Tgt Ion: 105 Resp: 6737

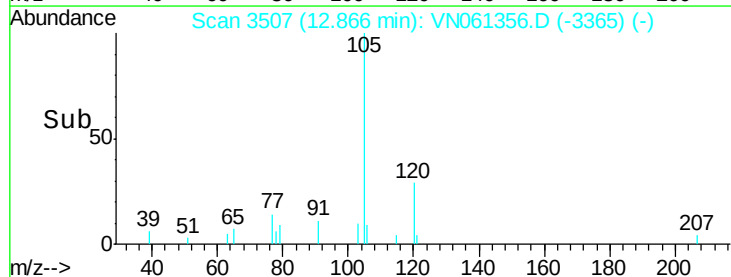
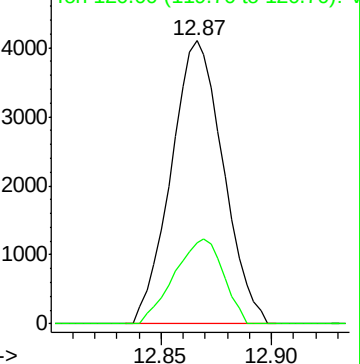
Ion Ratio Lower Upper

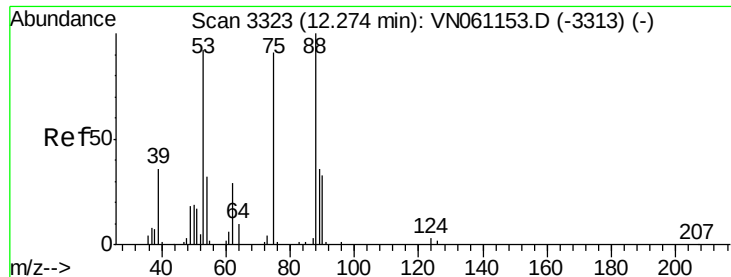
105 100

120 28.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 73.165 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

ClientSampled :

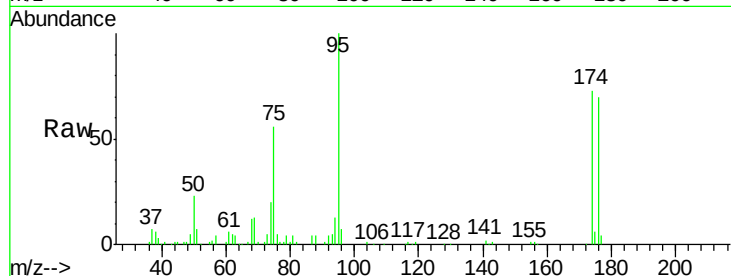
Tot Ion: 75 Resp: 47696

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

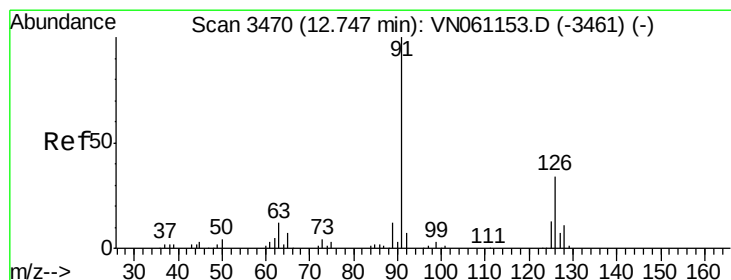
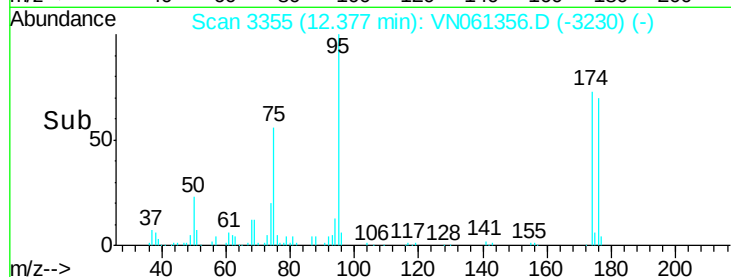
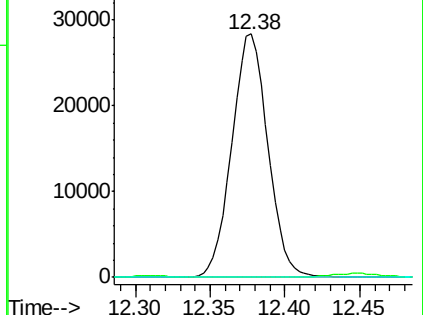
89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.321 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. -0.10 min

Lab File: VN061356.D

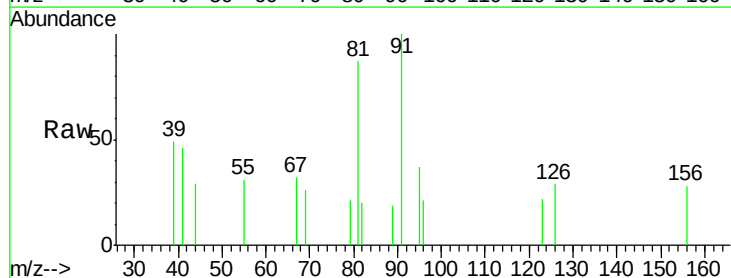
Acq: 8 May 2020 13:03

Tgt Ion: 91 Resp: 1361

Ion Ratio Lower Upper

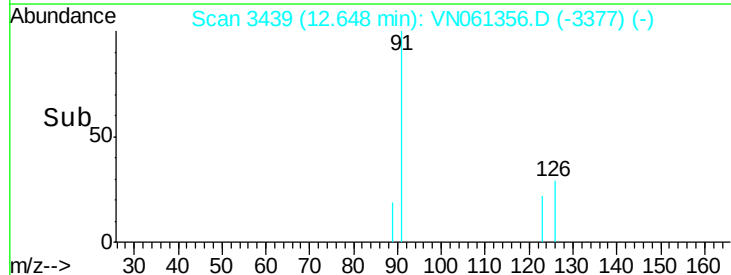
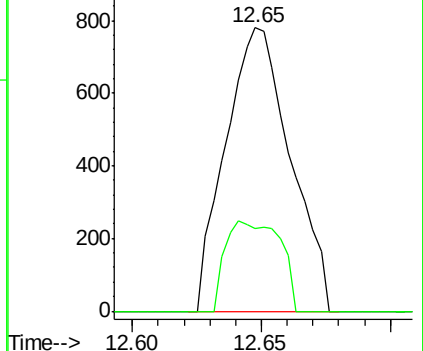
91 100

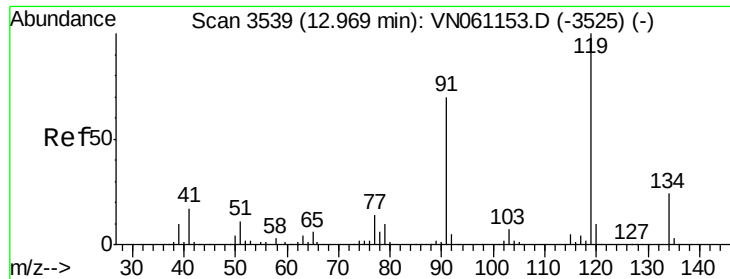
126 26.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

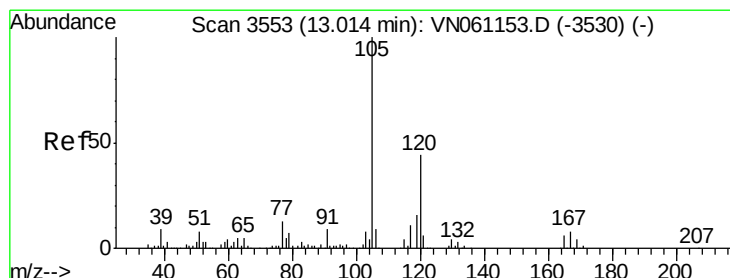
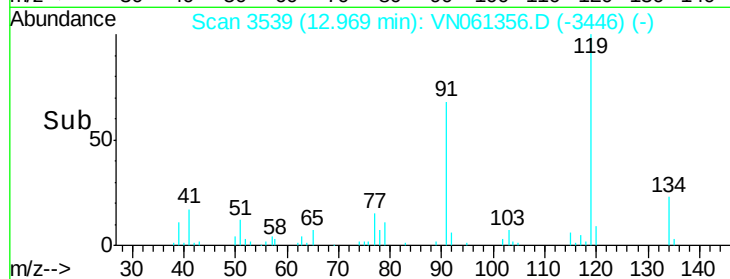
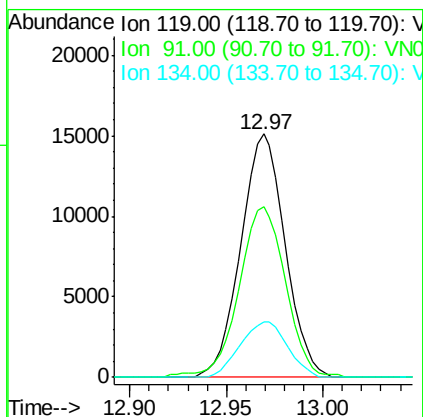
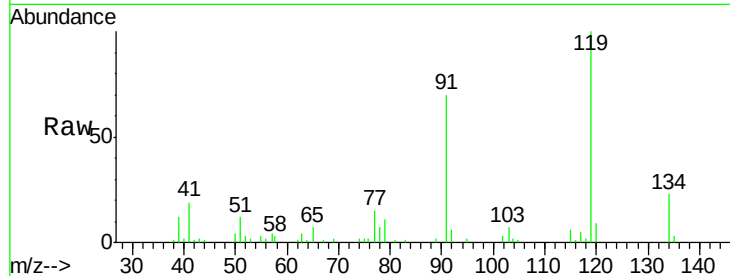




#83
 tert-Butylbenzene
 Concen: 5.982 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

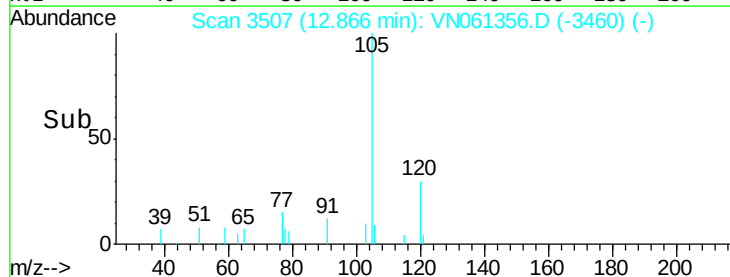
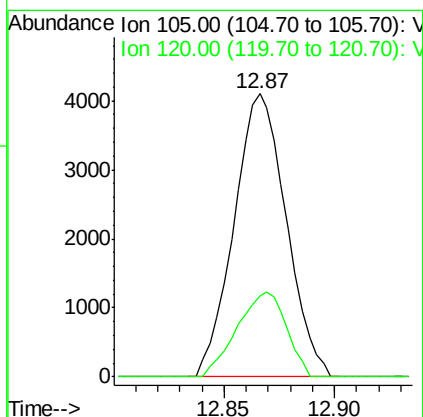
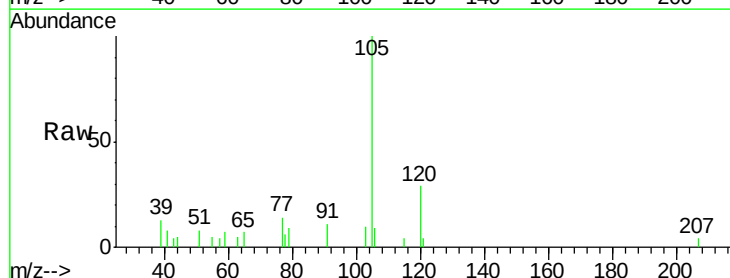
Instrument :
 MSVOA_N
 ClientSampleId :

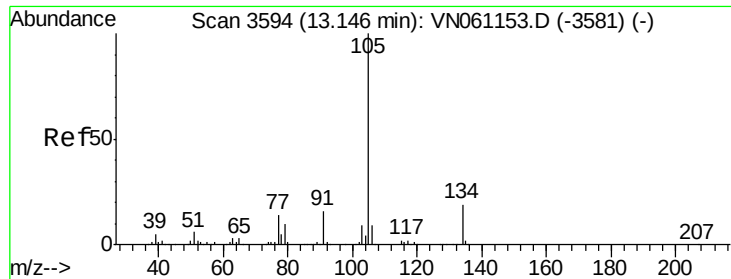
Tot Ion:119 Resp: 24099
 Ion Ratio Lower Upper
 119 100
 91 73.6 34.8 104.4
 134 24.2 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 1.369 ug/l
 RT: 12.87 min Scan# 3507
 Delta R.T. -0.15 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

Tgt Ion:105 Resp: 6737
 Ion Ratio Lower Upper
 105 100
 120 28.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 6.265 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

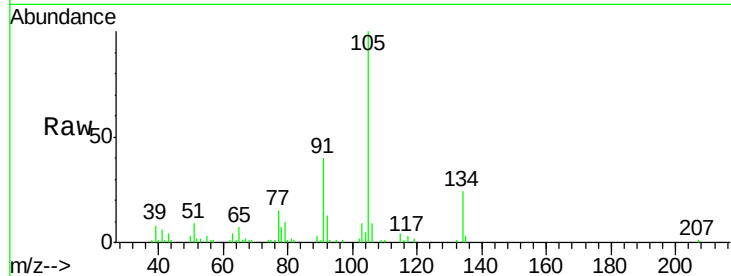
ClientSampleId :

Tot Ion:105 Resp: 34413

Ion Ratio Lower Upper

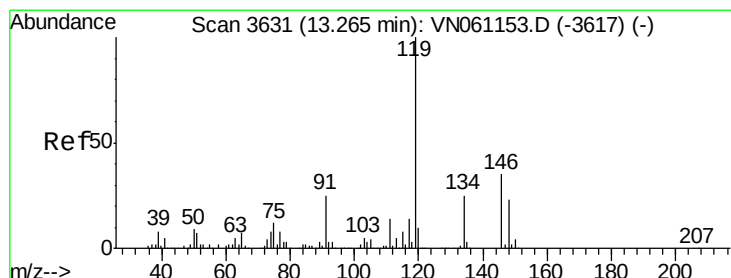
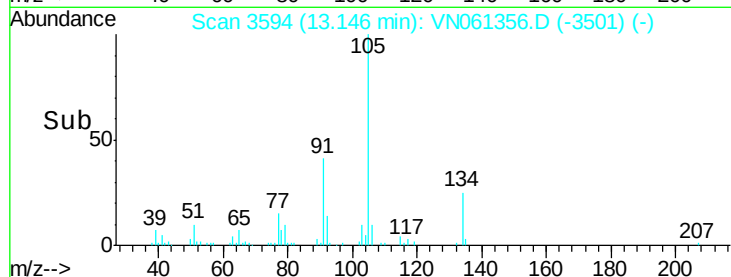
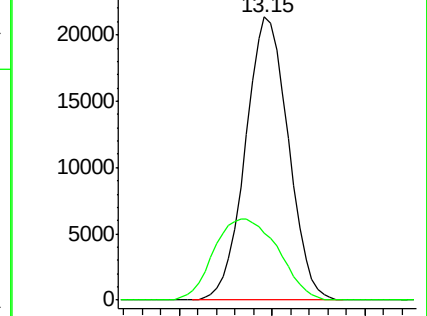
105 100

134 42.9 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.659 ug/l

RT: 13.42 min Scan# 3679

Delta R.T. 0.15 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

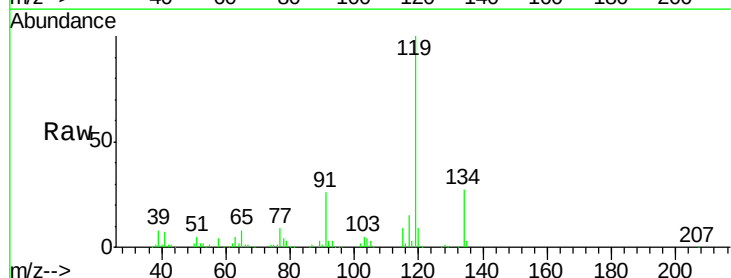
Tgt Ion:119 Resp: 112133

Ion Ratio Lower Upper

119 100

134 26.8 12.6 37.6

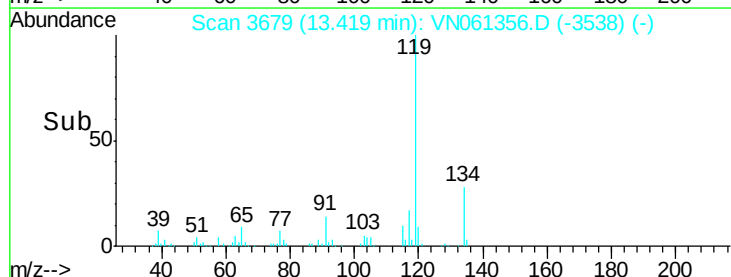
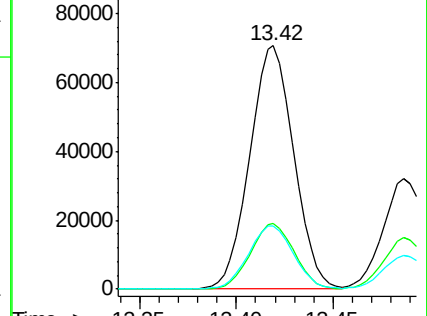
91 26.7 12.7 38.0

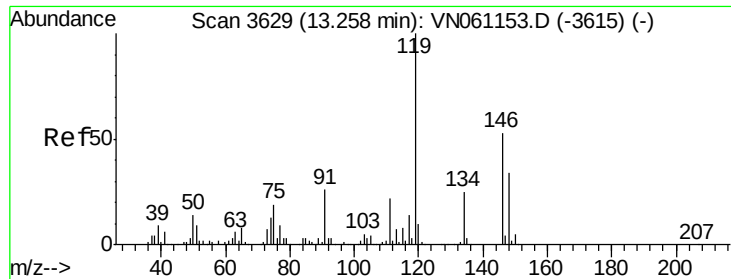


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

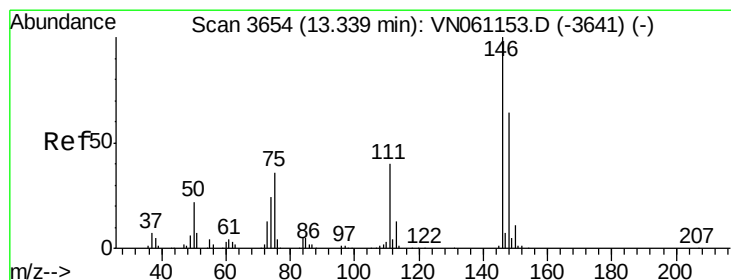
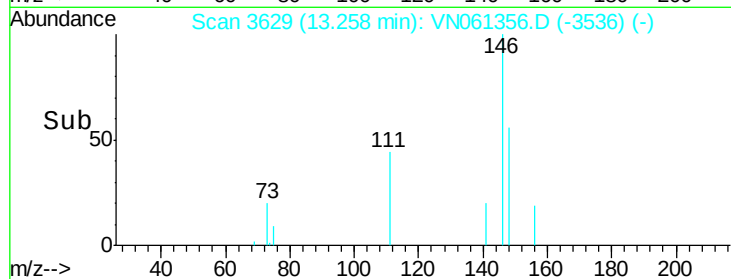
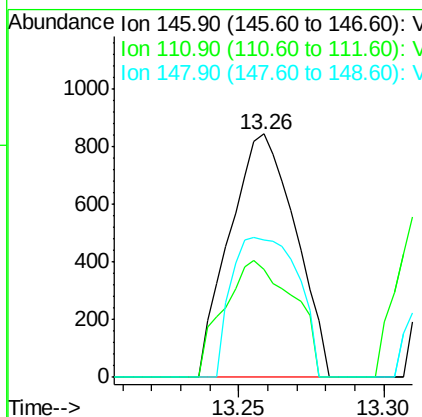
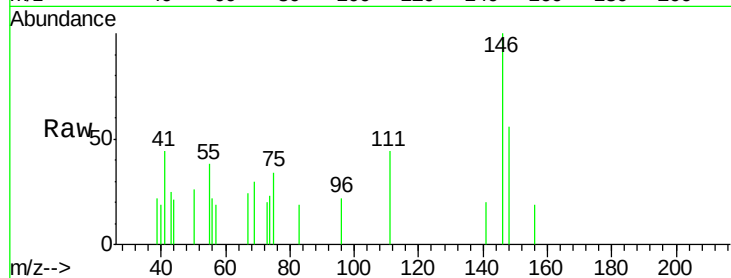




#87
 1,3-Dichlorobenzene
 Concen: 0.542 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

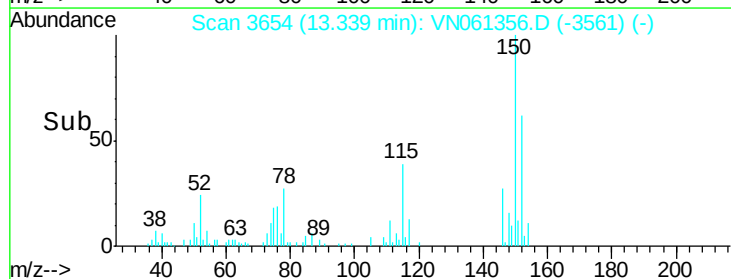
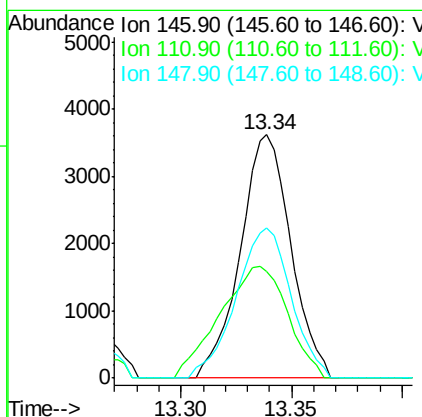
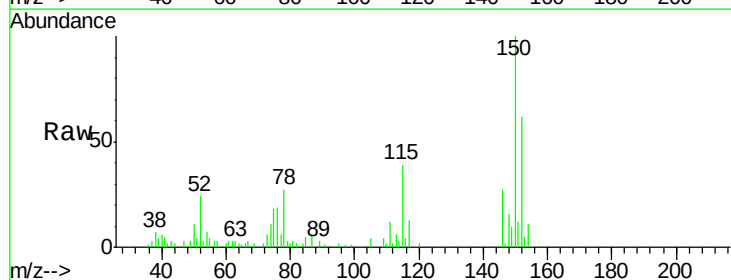
Instrument :
 MSVOA_N
 ClientSampled :

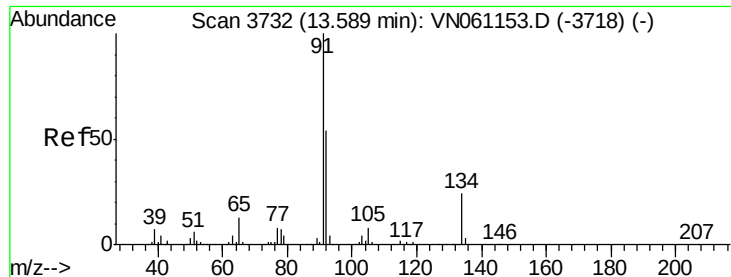
Tot Ion:146 Resp: 1330
 Ion Ratio Lower Upper
 146 100
 111 50.9 20.7 62.1
 148 58.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 2.305 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

Tgt Ion:146 Resp: 5777
 Ion Ratio Lower Upper
 146 100
 111 60.9 20.4 61.3
 148 66.9 31.9 95.7





#89

n-Butylbenzene

Concen: 1.327 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061356.D

Acq: 8 May 2020 13:03

Instrument :

MSVOA_N

ClientSampleId :

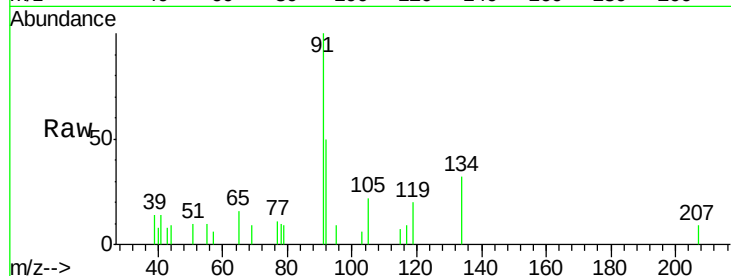
Tot Ion: 91 Resp: 6021

Ion Ratio Lower Upper

91 100

92 34.4 26.8 80.3

134 65.5 11.9 35.5#

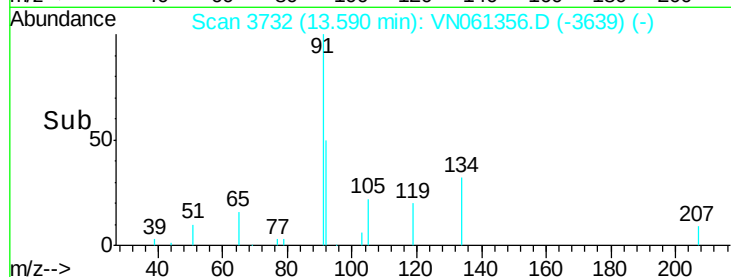


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3718) (-)

Ion 92.00 (91.70 to 92.70): VN061153.D (-3718) (-)

Ion 134.00 (133.70 to 134.70): VN061153.D (-3718) (-)

Time-->

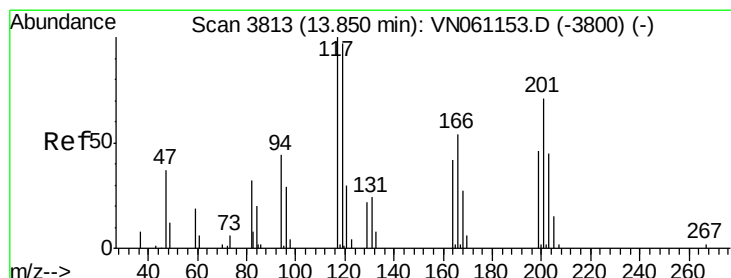


Abundance Ion 91.00 (90.70 to 91.70): VN061356.D (-3639) (-)

Ion 92.00 (91.70 to 92.70): VN061356.D (-3639) (-)

Ion 134.00 (133.70 to 134.70): VN061356.D (-3639) (-)

Time-->



#90

Hexachloroethane

Concen: 131.907 ug/l

RT: 13.92 min Scan# 3835

Delta R.T. 0.07 min

Lab File: VN061356.D

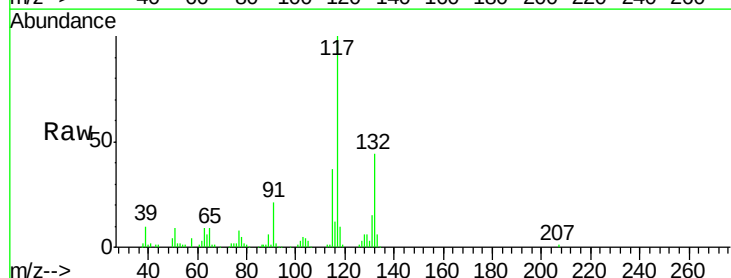
Acq: 8 May 2020 13:03

Tgt Ion: 117 Resp: 75696

Ion Ratio Lower Upper

117 100

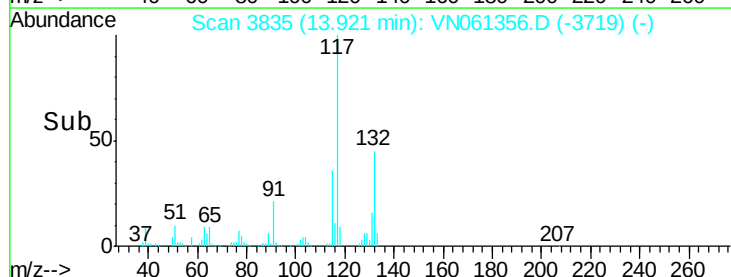
201 0.0 35.5 106.7#



Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-3800) (-)

Ion 200.70 (200.40 to 201.40): VN061153.D (-3800) (-)

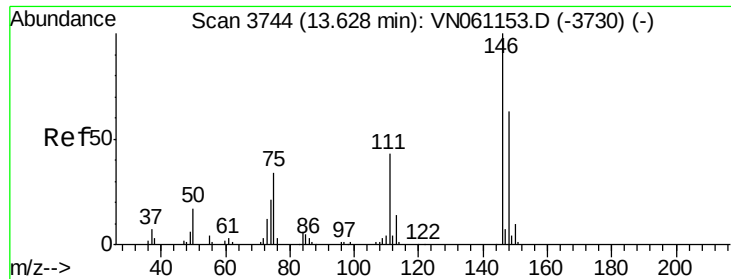
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN061356.D (-3719) (-)

Ion 200.70 (200.40 to 201.40): VN061356.D (-3719) (-)

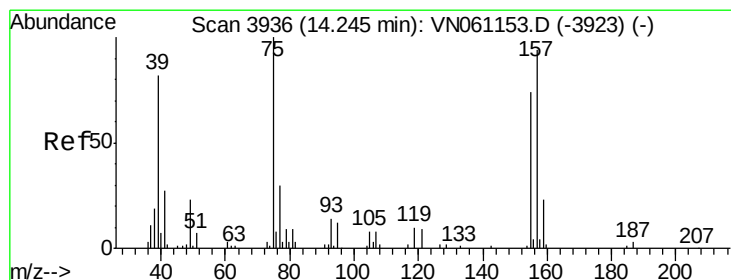
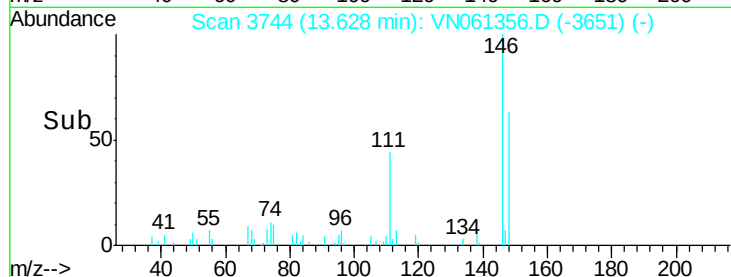
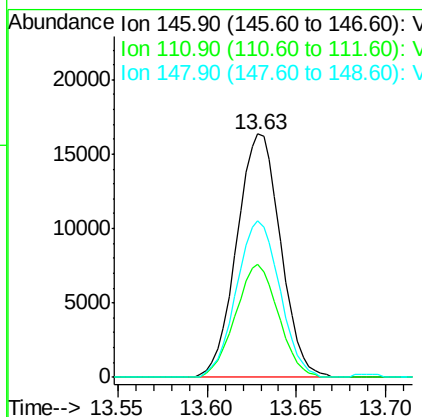
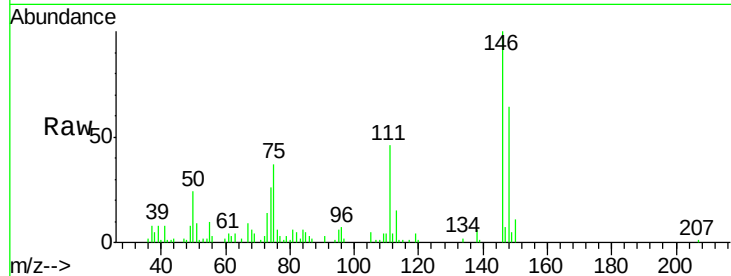
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 11.934 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

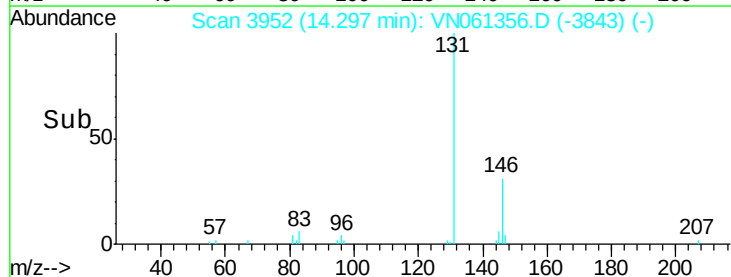
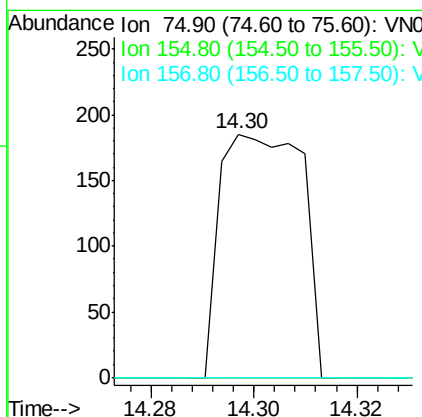
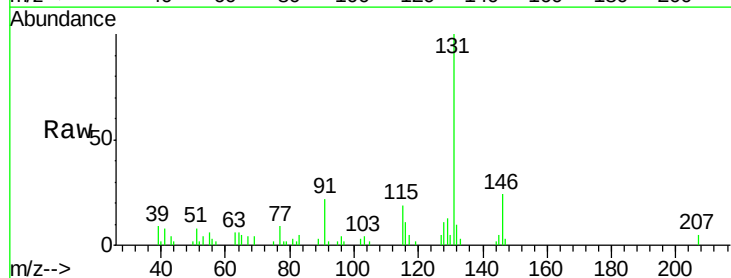
Instrument :
 MSVOA_N
 ClientSampled :

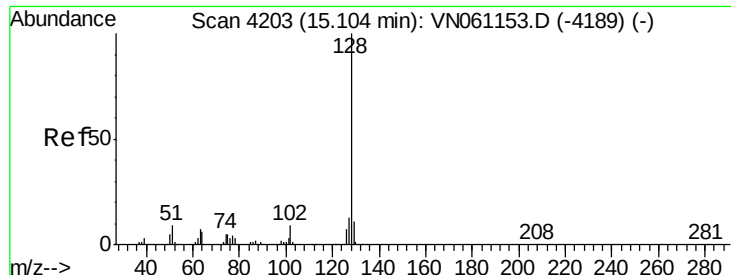
Tot Ion:146 Resp: 28072
 Ion Ratio Lower Upper
 146 100
 111 45.5 21.8 65.3
 148 63.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.534 ug/l
 RT: 14.30 min Scan# 3952
 Delta R.T. 0.05 min
 Lab File: VN061356.D
 Acq: 8 May 2020 13:03

Tgt Ion: 75 Resp: 203
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.5 109.7#
 157 0.0 46.6 139.7#





#95
Naphthalene
Concen: 0.266 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061356.D
Acq: 8 May 2020 13:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.7	13.1#

