

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061384.D
 Acq On : 11 May 2020 12:59
 Operator : JC/MD
 Sample : L2525-01
 Misc : 2.58g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 12 02:13:56 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	7.62	168	95974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	166654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	162097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	80408	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	75434	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
35) Dibromofluoromethane	7.54	113	41102	41.71	ug/l	0.00
Spiked Amount			Recovery	=	83.42%	
50) Toluene-d8	10.06	98	210479	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.38	95	80432	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	702	0.570	ug/l #	87
5) Bromomethane	2.48	94	324	0.468	ug/l	86
10) Methyl Iodide	3.89	142	698	0.534	ug/l #	38
16) Acetone	3.79	43	2125	Below Cal	#	80
17) Carbon Disulfide	3.98	76	666	0.238	ug/l #	75
18) Methyl Acetate	4.27	43	12474	7.098	ug/l	95
25) 2-Butanone	6.79	43	1060	1.180	ug/l #	53
31) Cyclohexane	7.61	56	14368	6.504	ug/l #	90
36) 1,1-Dichloropropene	7.62	75	8587	5.147	ug/l #	49
37) Ethyl Acetate	6.79	43	1060	0.542	ug/l #	71
38) Carbon Tetrachloride	7.62	117	10113	8.627	ug/l #	16
39) Methylcyclohexane	9.04	83	4038	2.158	ug/l	94
48) Methyl methacrylate	9.04	41	2847	1.944	ug/l #	69
51) 4-Methyl-2-Pentanone	9.96	43	508	0.266	ug/l #	38
53) t-1,3-Dichloropropene	10.21	75	2042	1.027	ug/l #	43
54) cis-1,3-Dichloropropene	9.56	75	778	0.370	ug/l #	28
55) 1,1,2-Trichloroethane	10.50	97	2610	2.186	ug/l #	14
56) Ethyl methacrylate	10.40	69	611	3.005	ug/l #	1
59) 2-Hexanone	10.69	43	2046	1.472	ug/l #	27
67) Ethyl Benzene	11.49	91	3371	0.560	ug/l	95
68) m/p-Xylenes	11.60	106	880	0.399	ug/l #	58
69) o-Xylene	11.92	106	4512	2.132	ug/l	90
73) Isopropylbenzene	12.23	105	1321	0.223	ug/l #	72
74) N-ethyl acetate	12.02	43	5018	1.676	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.44	83	803	0.436	ug/l #	25
76) 1,2,3-Trichloropropane	12.38	75	43573	25.703	ug/l #	100
78) n-propylbenzene	12.57	91	3696	0.527	ug/l	88
79) 2-Chlorotoluene	12.66	91	4552	1.105	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	32160	6.573	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	43573	65.274	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.02	105	5438	1.079	ug/l	97
85) sec-Butylbenzene	13.15	105	2482	0.441	ug/l	95
86) p-Isopropyltoluene	13.26	119	7329	1.446	ug/l	92
88) 1,4-Dichlorobenzene	13.34	146	657	0.256	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061384.D
 Acq On : 11 May 2020 12:59
 Operator : JC/MD
 Sample : L2525-01
 Misc : 2.58g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 12 02:13:56 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

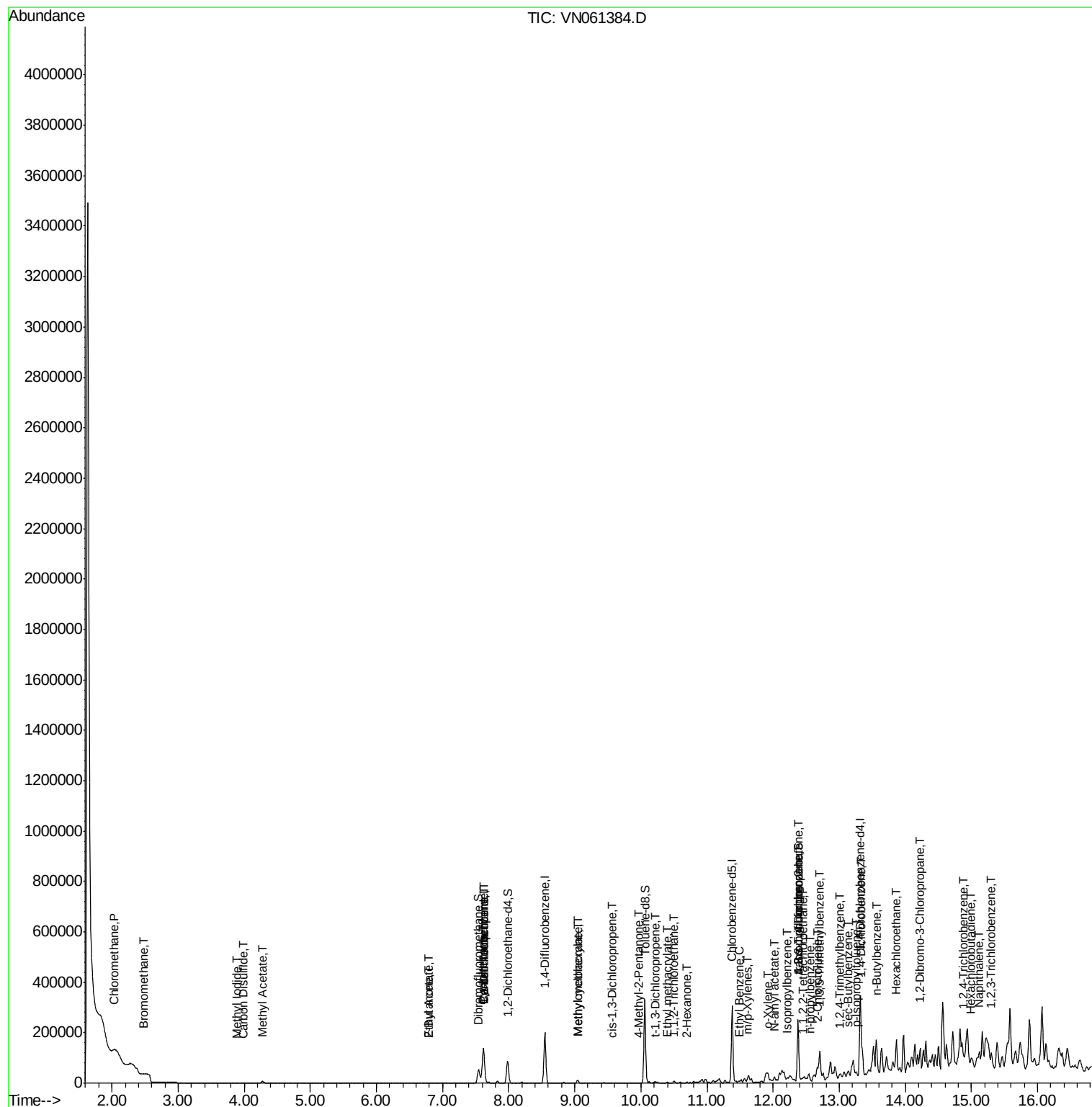
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.56	91	17315	3.727	ug/l #	1
90) Hexachloroethane	13.87	117	6539	18.110	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.23	75	569	1.462	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.89	180	1364	0.930	ug/l #	1
94) Hexachlorobutadiene	14.98	225	633	1.033	ug/l	93
95) Naphthalene	15.11	128	9761	2.043	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.30	180	1592	1.099	ug/l #	1

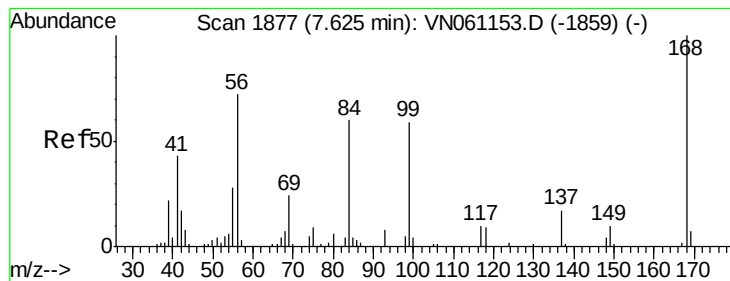
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
Data File : VN061384.D
Acq On : 11 May 2020 12:59
Operator : JC/MD
Sample : L2525-01
Misc : 2.58g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 12 02:13:56 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

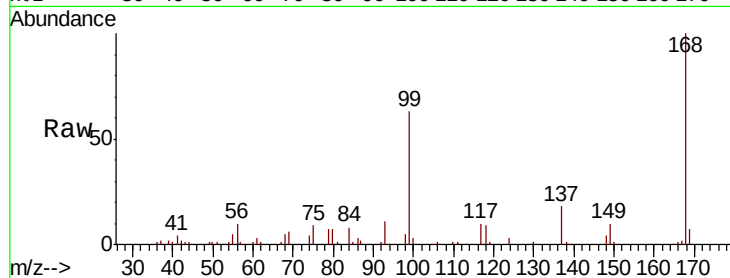
ClientSampleId :

Tot Ion:168 Resp: 95974

Ion Ratio Lower Upper

168 100

99 62.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061153.D (-1859) (-)

Ion 98.90 (98.60 to 99.60): VN061153.D (-1859) (-)

7.62

40000

30000

20000

10000

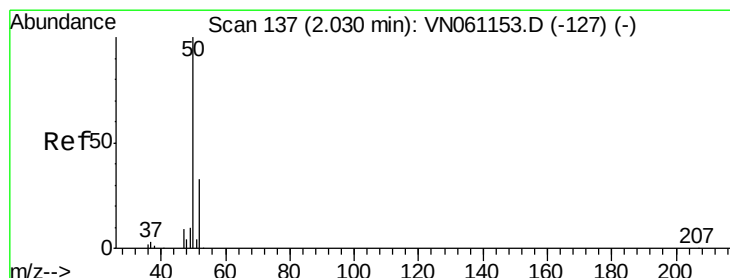
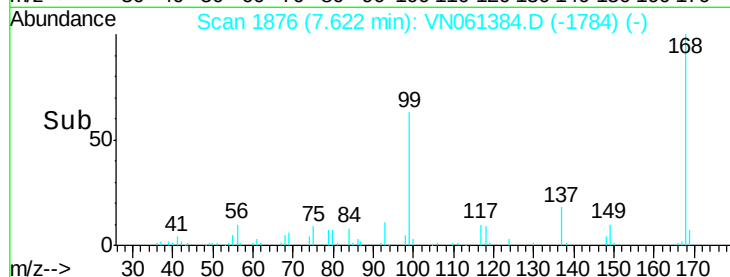
0

Time-->

7.50

7.60

7.70



#3

Chloromethane

Concen: 0.570 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061384.D

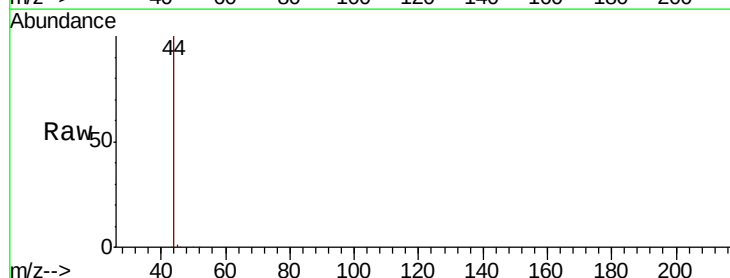
Acq: 11 May 2020 12:59

Tgt Ion: 50 Resp: 702

Ion Ratio Lower Upper

50 100

52 39.9 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN061153.D (-127) (-)

Ion 51.90 (51.60 to 52.60): VN061153.D (-127) (-)

2.03

500

400

300

200

100

0

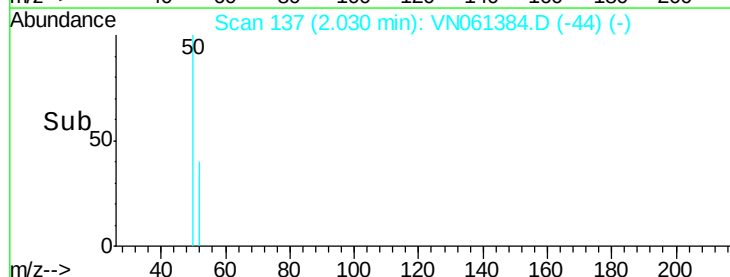
Time-->

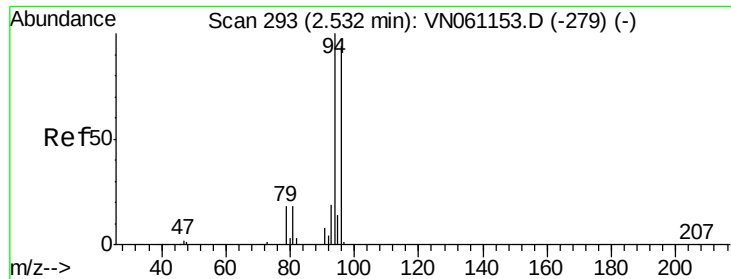
2.00

2.02

2.04

2.06





#5

Bromomethane

Concen: 0.468 ug/l

RT: 2.48 min Scan# 276

Delta R.T. -0.05 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

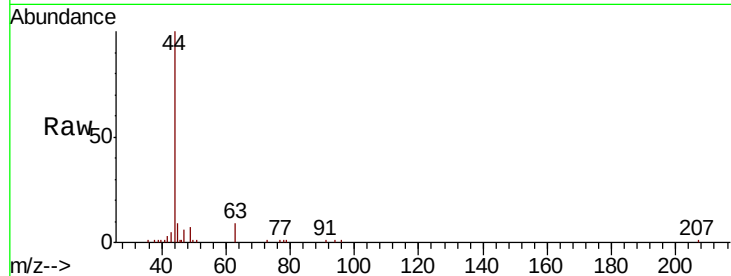
ClientSampled :

Tot Ion: 94 Resp: 324

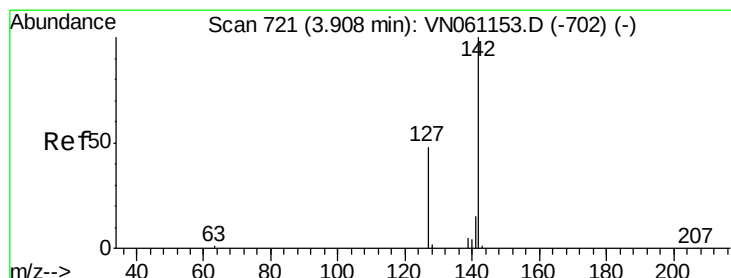
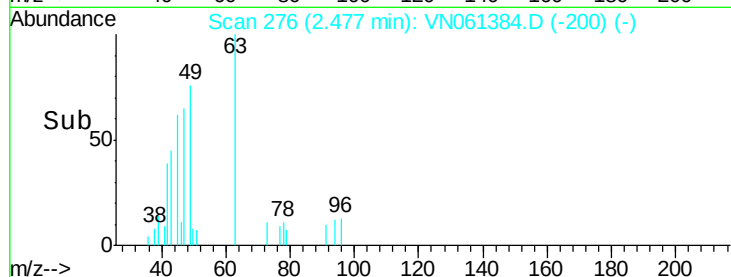
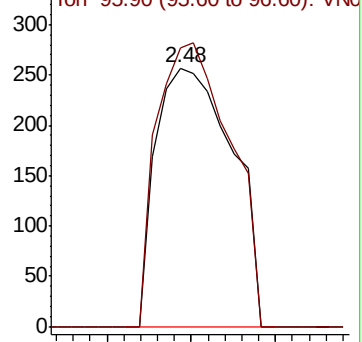
Ion Ratio Lower Upper

94 100

96 107.8 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061153.D (-279) (-)



#10

Methyl Iodide

Concen: 0.534 ug/l

RT: 3.89 min Scan# 715

Delta R.T. -0.02 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

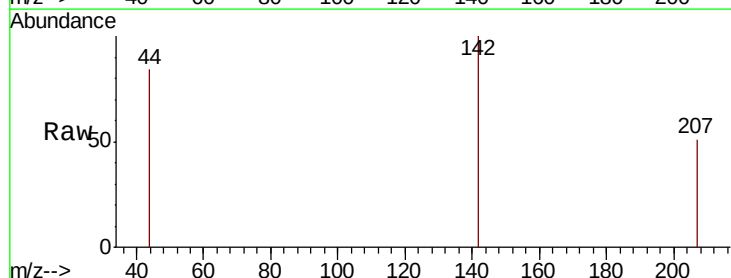
Tgt Ion: 142 Resp: 698

Ion Ratio Lower Upper

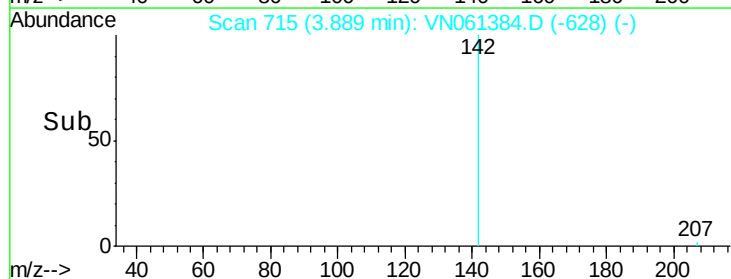
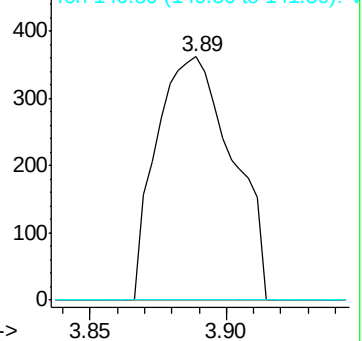
142 100

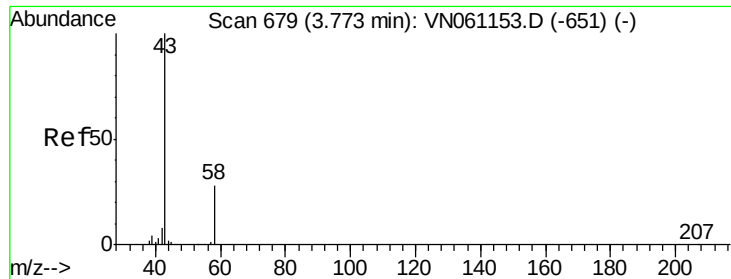
127 0.0 38.0 57.0#

141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): VN061153.D (-702) (-)





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 684

Delta R.T. 0.02 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

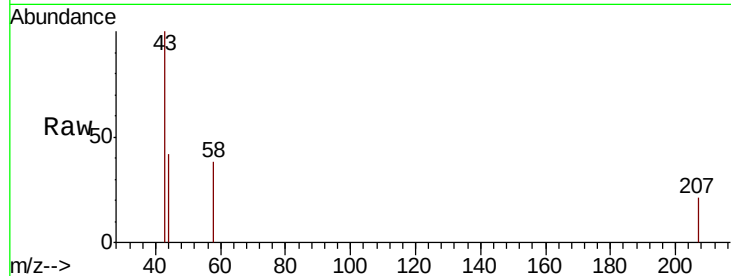
ClientSampled :

Tot Ion: 43.00 Resp: 2125

Ion Ratio Lower Upper

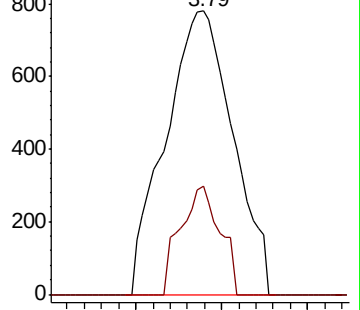
43 100

58 38.2 22.2 33.2#

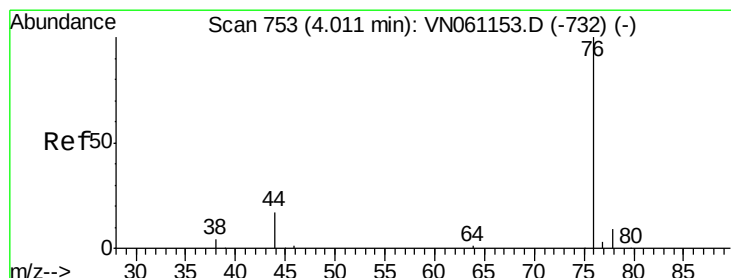
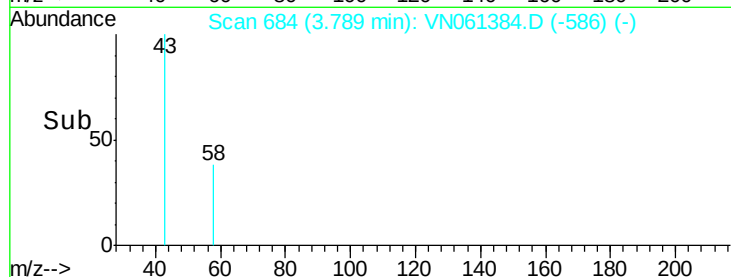


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 3.98 min Scan# 742

Delta R.T. -0.04 min

Lab File: VN061384.D

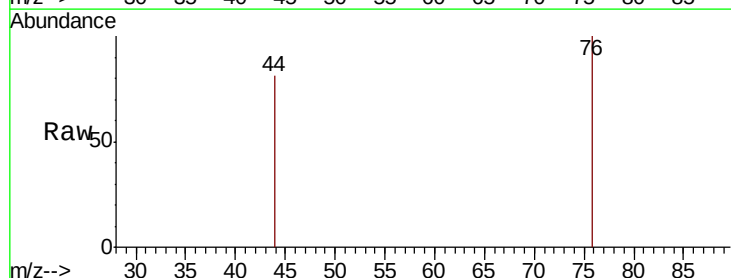
Acq: 11 May 2020 12:59

Tgt Ion: 76 Resp: 666

Ion Ratio Lower Upper

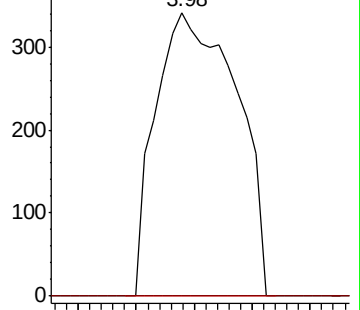
76 100

78 0.0 7.2 10.8#

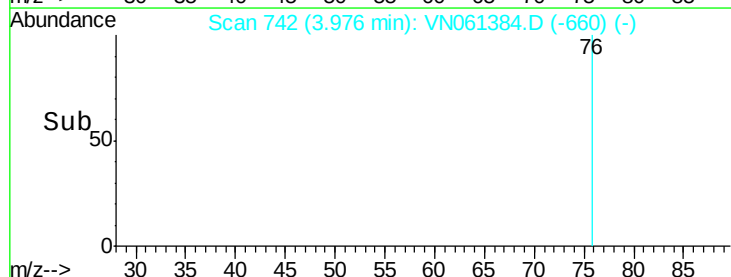


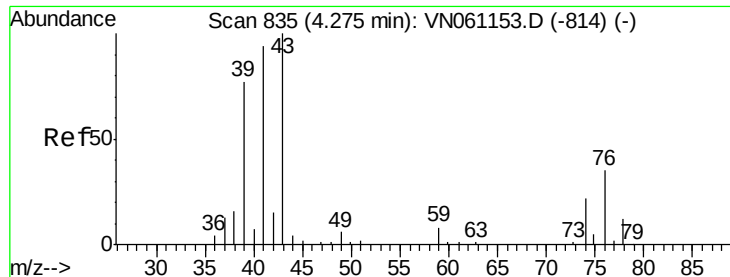
Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->

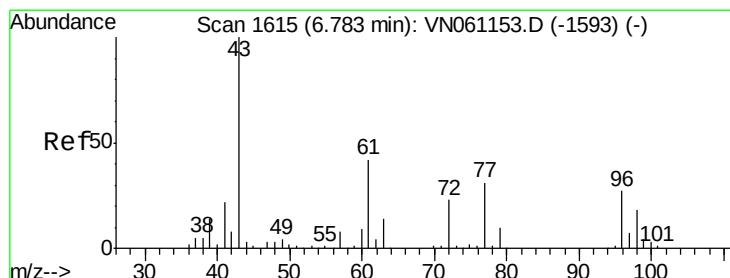
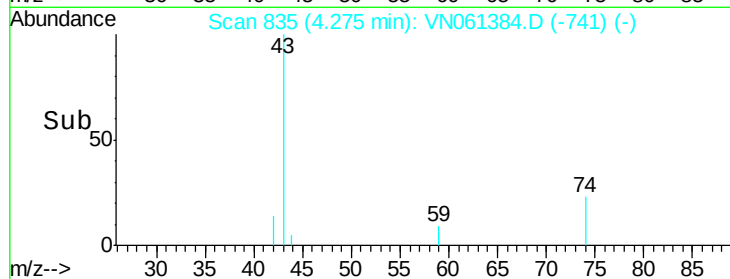
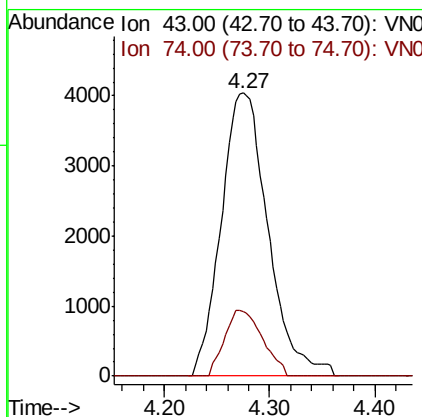
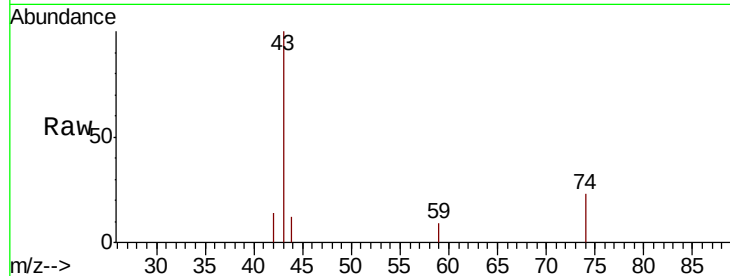




#18
Methvl Acetate
Concen: 7.098 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

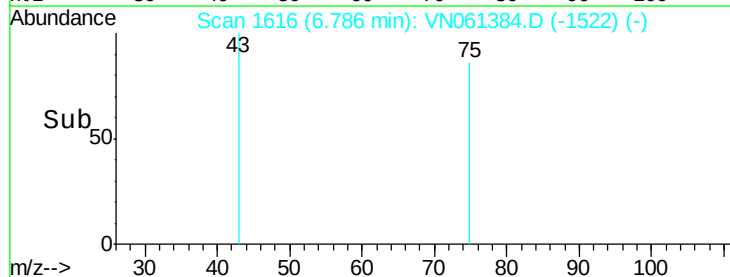
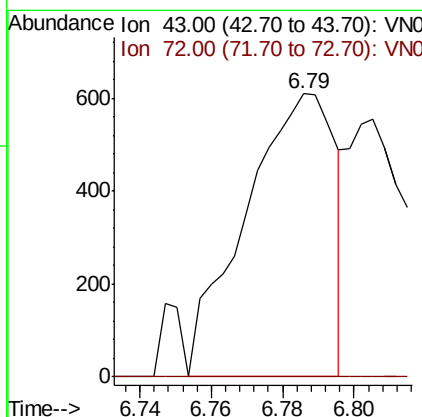
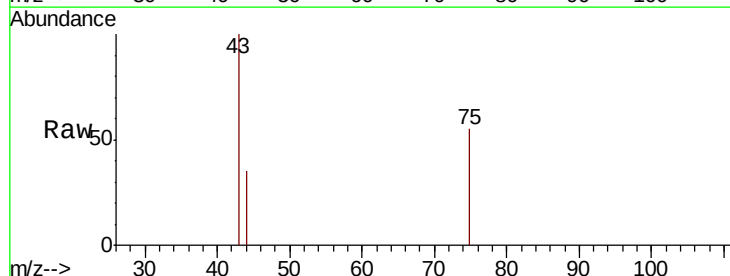
Instrument :
MSVOA_N
ClientSampleId :

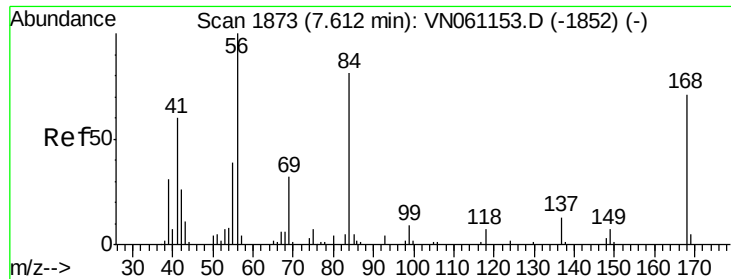
Tot Ion: 43 Resp: 12474
Ion Ratio Lower Upper
43 100
74 18.9 17.0 25.4



#25
2-Butanone
Concen: 1.180 ug/l
RT: 6.79 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#

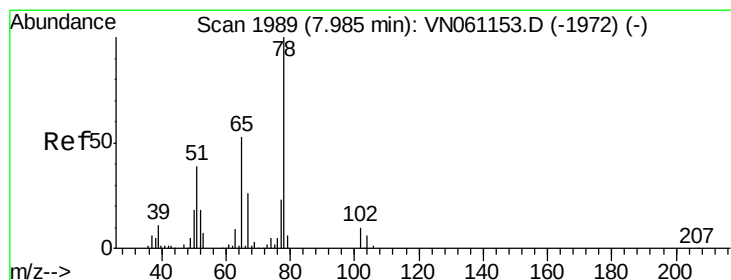
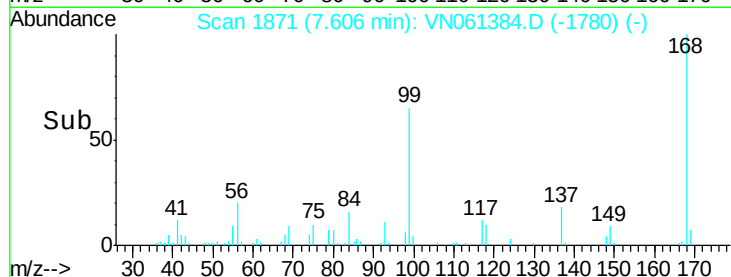
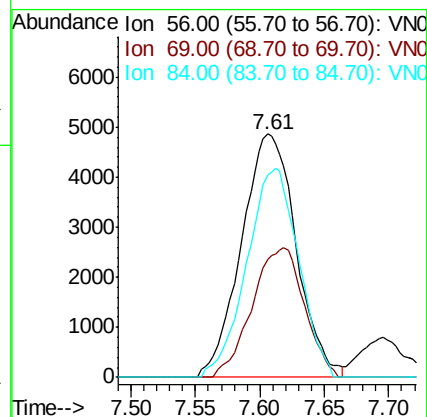
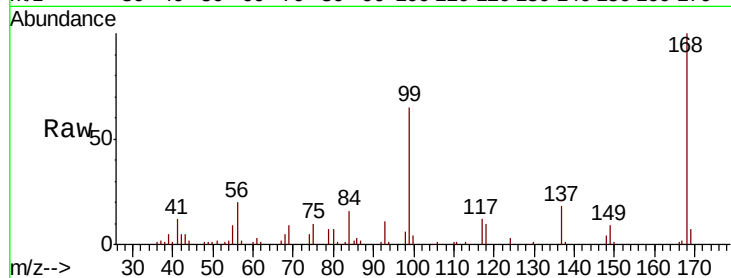




#31
Cyclohexane
Concen: 6.504 ug/l
RT: 7.61 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

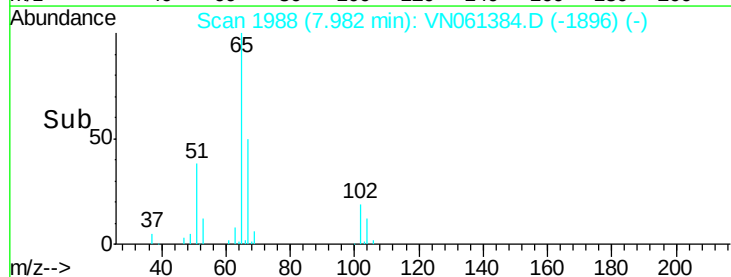
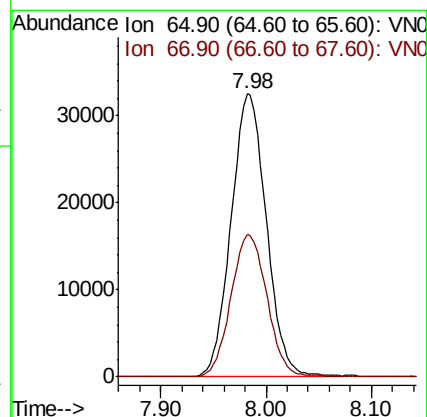
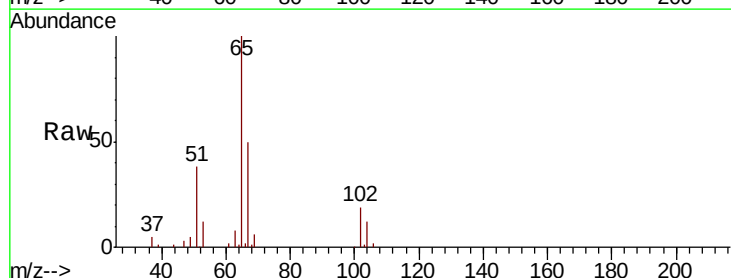
Instrument :
MSVOA_N
ClientSampled :

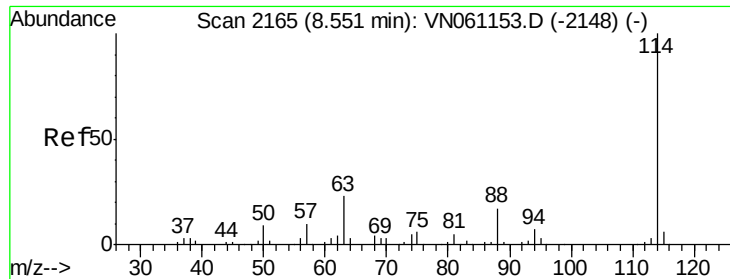
Tot Ion: 56 Resp: 14368
Ion Ratio Lower Upper
56 100
69 48.3 25.7 38.5#
84 83.1 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 49.673 ug/l
RT: 7.98 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion: 65 Resp: 75434
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.6

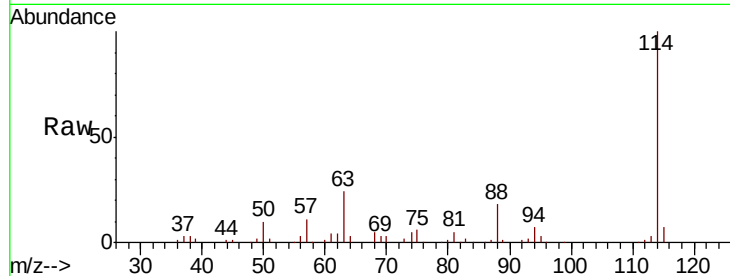




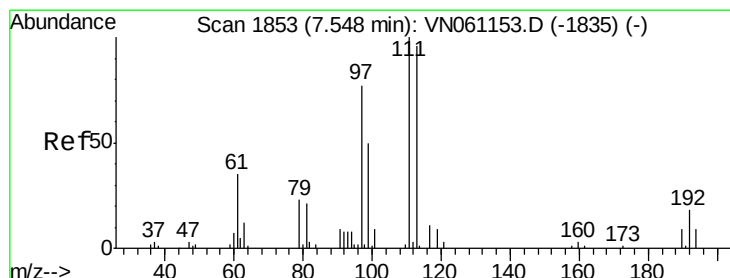
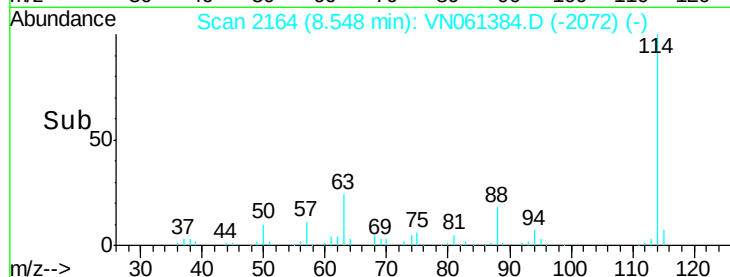
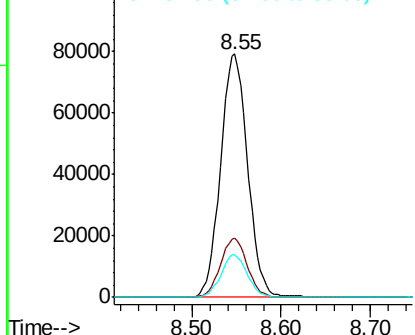
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2164
Delta R.T. -0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 166654
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.6
88 17.6 0.0 33.4

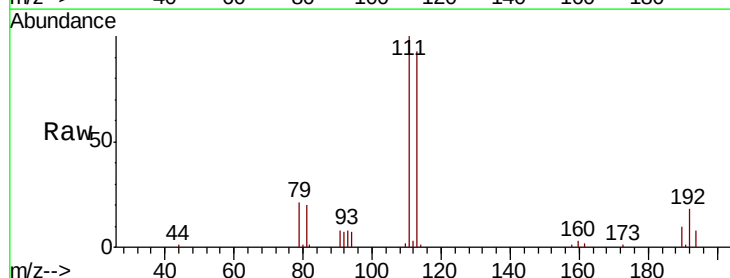


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

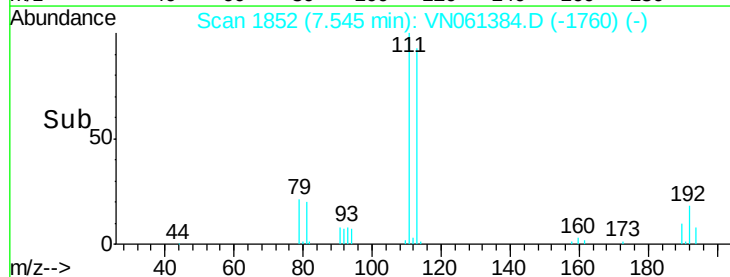
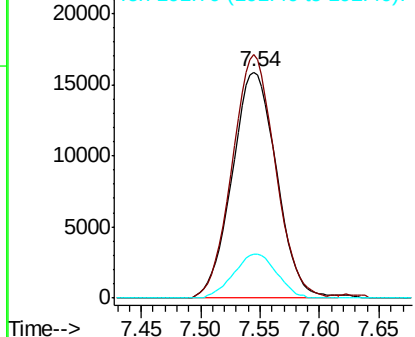


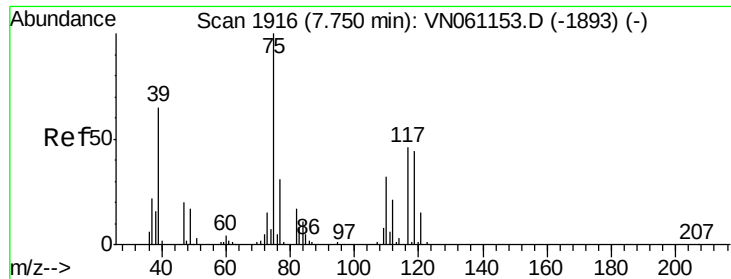
#35
Dibromofluoromethane
Concen: 41.708 ug/l
RT: 7.54 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion:113 Resp: 41102
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.8 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

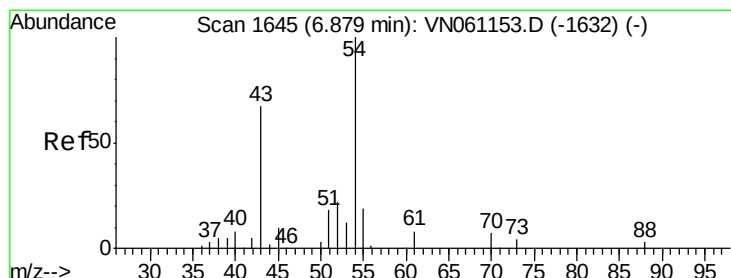
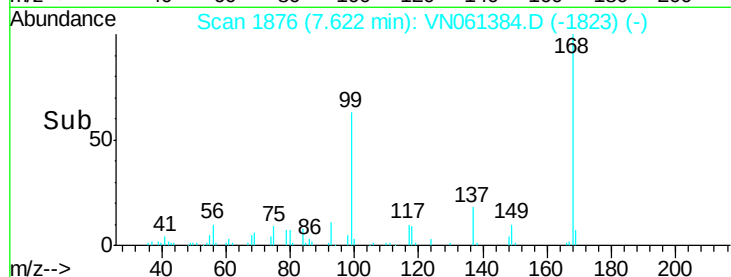
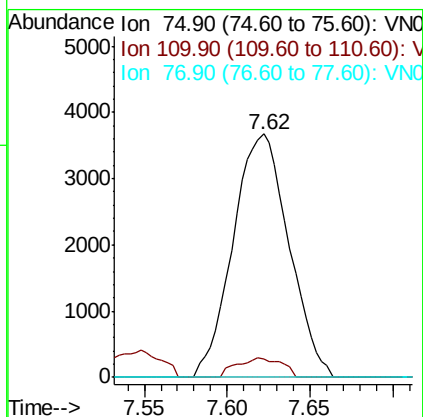
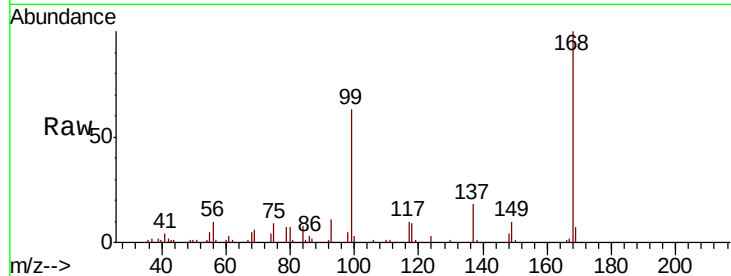




#36
 1,1-Dichloropropene
 Concen: 5.147 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.13 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

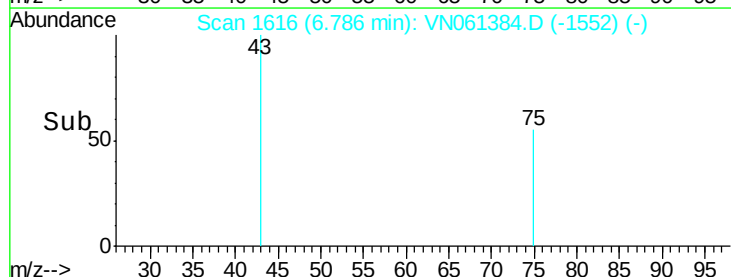
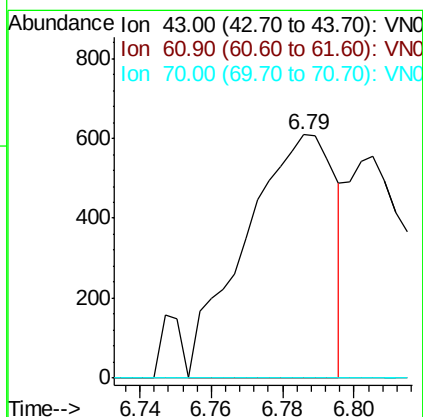
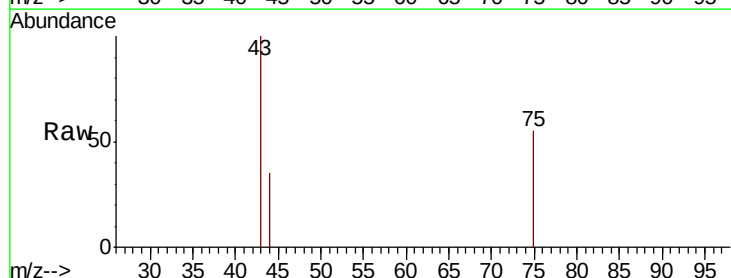
Instrument :
 MSVOA_N
 ClientSampleId :

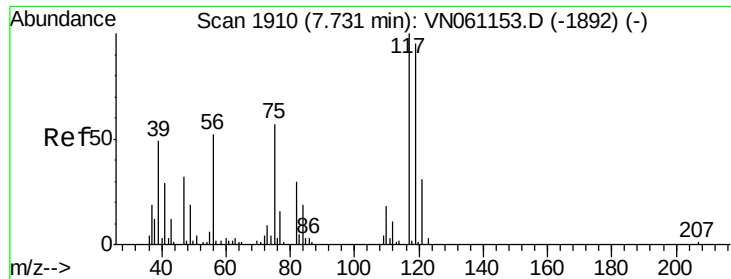
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.4	16.0	48.0#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 0.542 ug/l
 RT: 6.79 min Scan# 1616
 Delta R.T. -0.09 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	7.2	10.8#





#38

Carbon Tetrachloride

Concen: 8.627 ug/l

RT: 7.62 min Scan# 1875

Delta R.T. -0.11 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

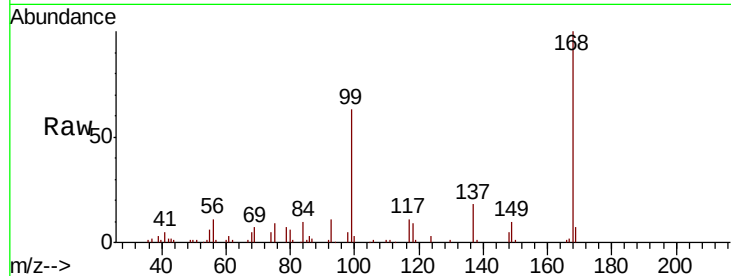
Tot Ion:117 Resp: 10113

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

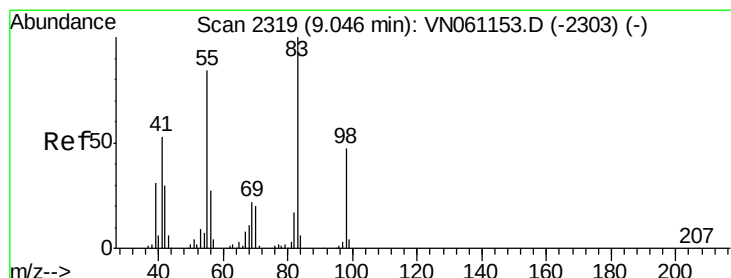
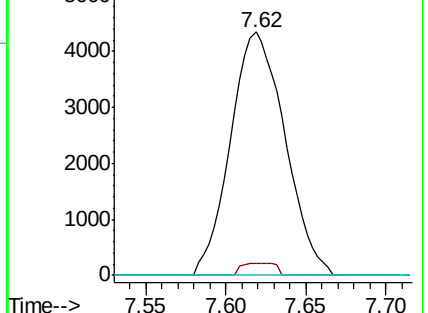
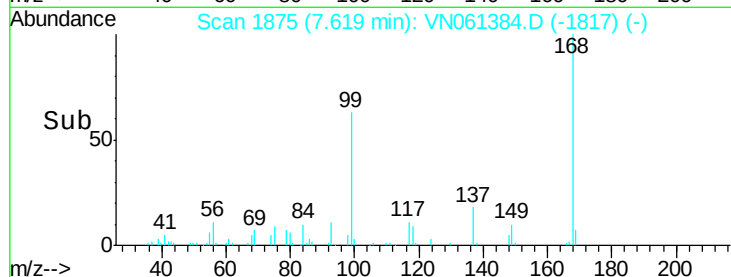
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.158 ug/l

RT: 9.04 min Scan# 2318

Delta R.T. -0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

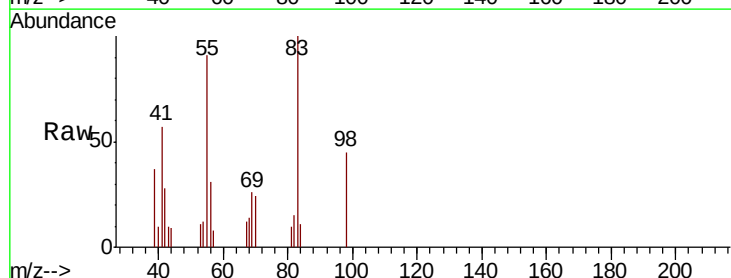
Tgt Ion: 83 Resp: 4038

Ion Ratio Lower Upper

83 100

55 91.0 67.3 100.9

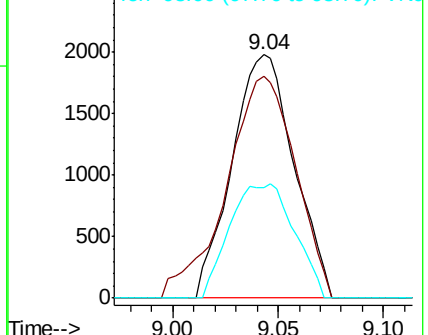
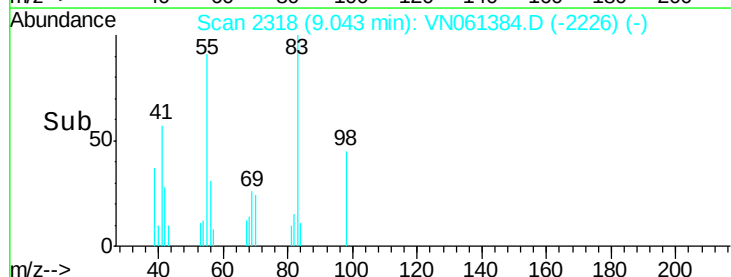
98 45.4 37.7 56.5

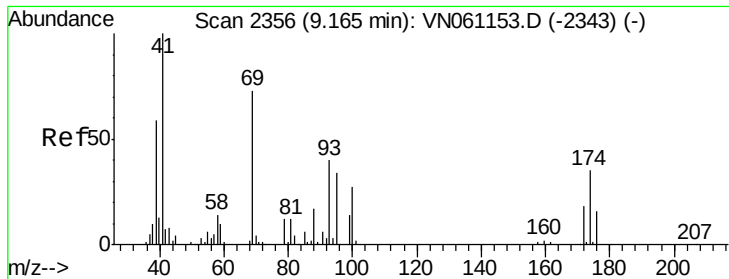


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

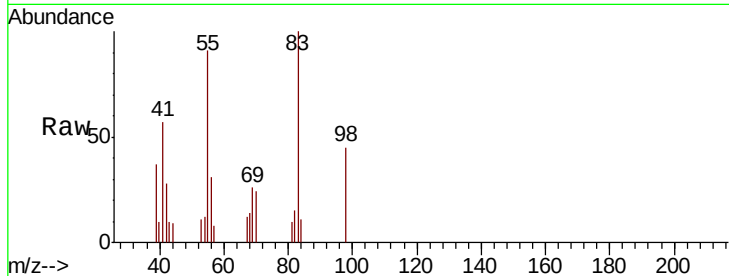




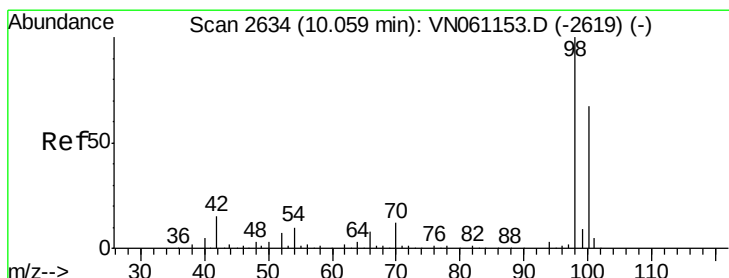
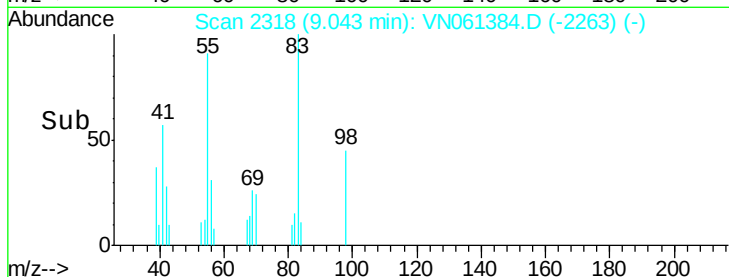
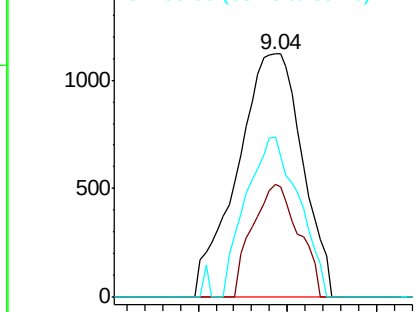
#48
Methvl methacrylate
Concen: 1.944 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.12 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 2847
Ion Ratio Lower Upper
41 100
69 33.1 60.3 90.5#
39 53.6 47.4 71.0

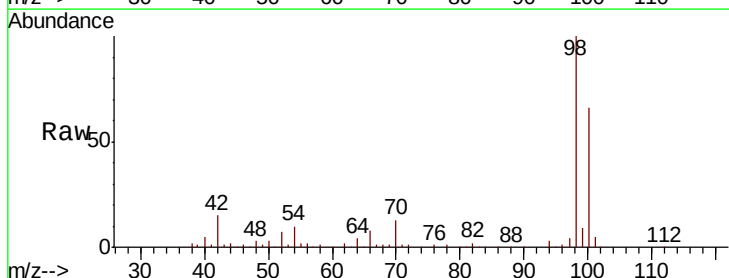


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

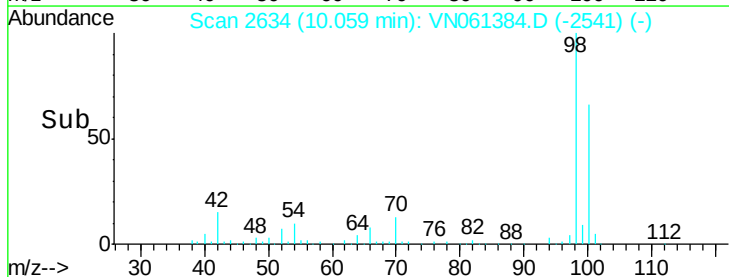
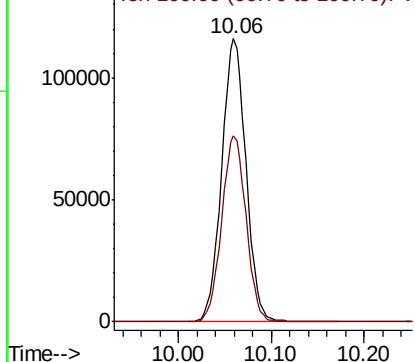


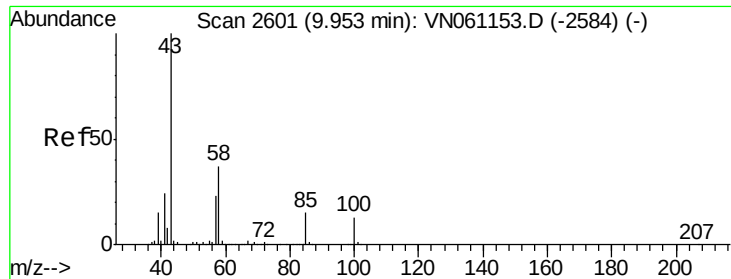
#50
Toluene-d8
Concen: 52.394 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion: 98 Resp: 210479
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



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

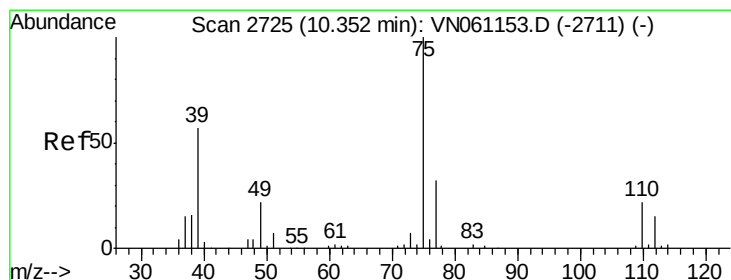
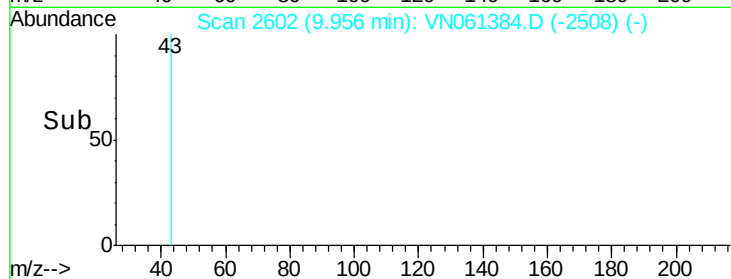
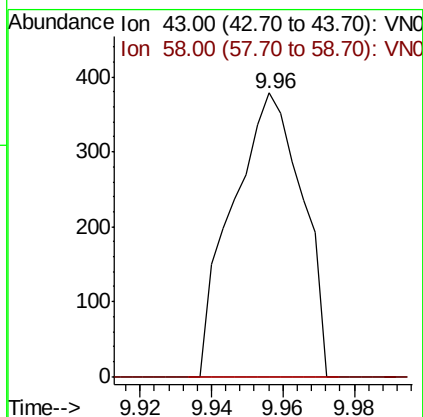
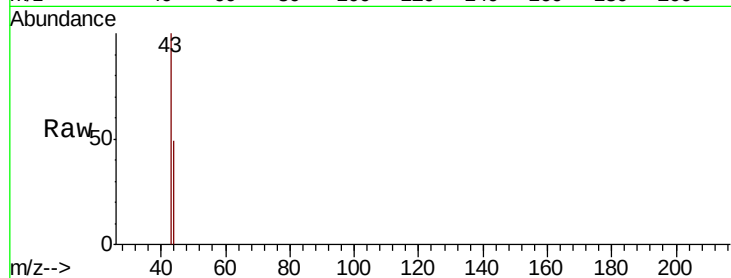




#51
4-Methyl-2-Pentanone
Concen: 0.266 ug/l
RT: 9.96 min Scan# 2602
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

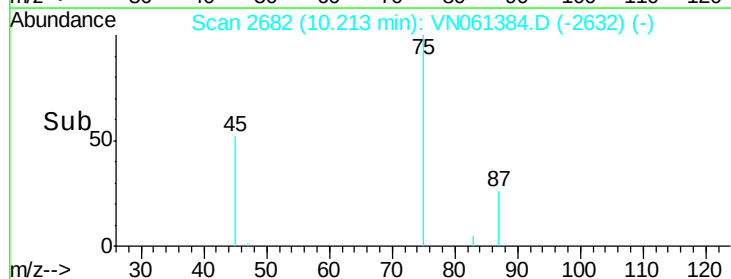
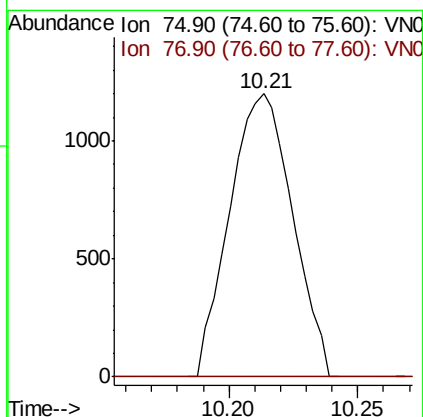
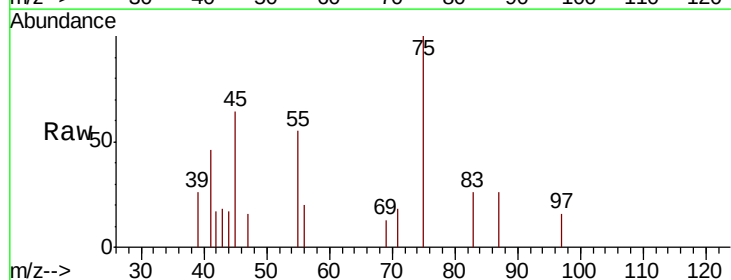
Instrument :
MSVOA_N
ClientSampleId :

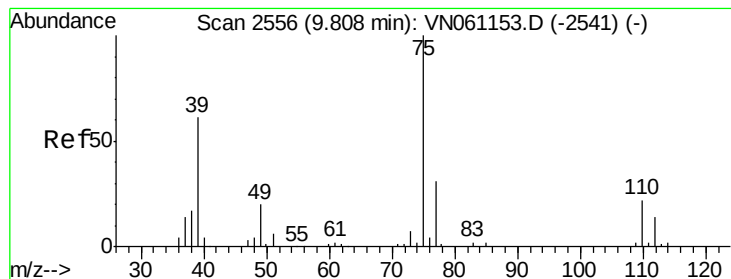
Tot Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
58 0.0 29.1 43.7#



#53
t-1,3-Dichloropropene
Concen: 1.027 ug/l
RT: 10.21 min Scan# 2682
Delta R.T. -0.14 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion: 75 Resp: 2042
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#





#54

cis-1,3-Dichloropropene

Concen: 0.370 ug/l

RT: 9.56 min Scan# 2479

Delta R.T. -0.25 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

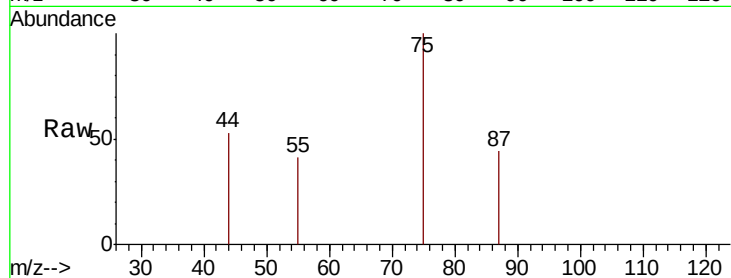
Tot Ion: 75 Resp: 778

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

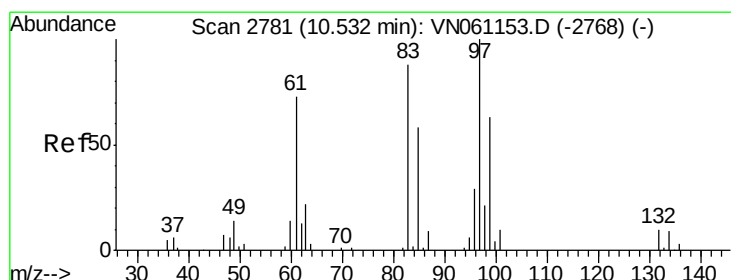
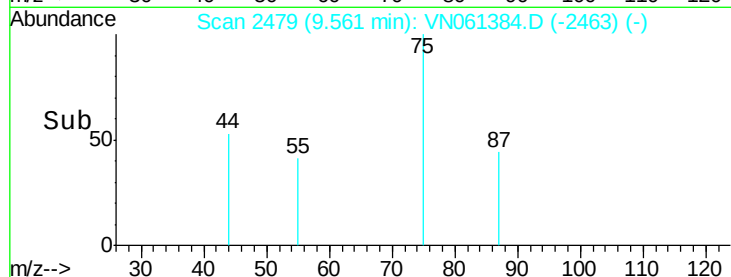
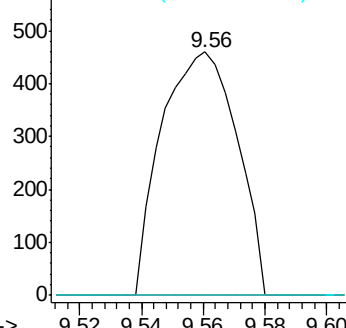
39 0.0 48.7 73.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#55

1,1,2-Trichloroethane

Concen: 2.186 ug/l

RT: 10.50 min Scan# 2771

Delta R.T. -0.03 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Tgt Ion: 97 Resp: 2610

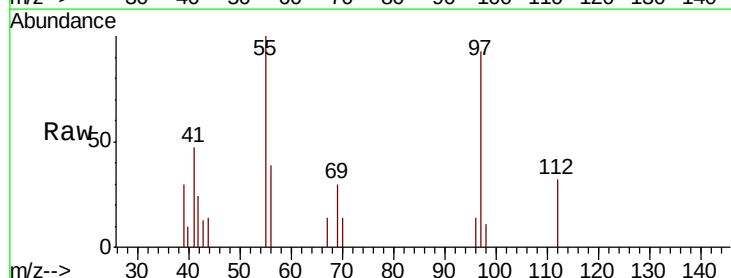
Ion Ratio Lower Upper

97 100

83 0.0 70.6 106.0#

85 0.0 46.4 69.6#

99 0.0 50.6 75.8#

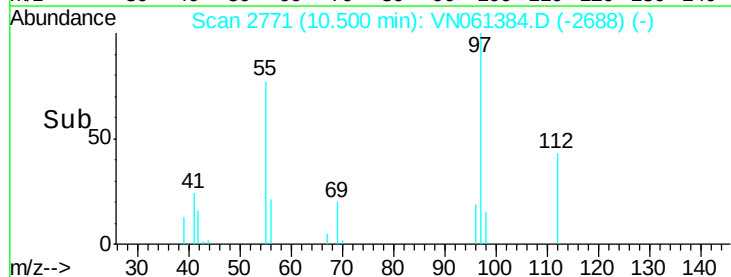
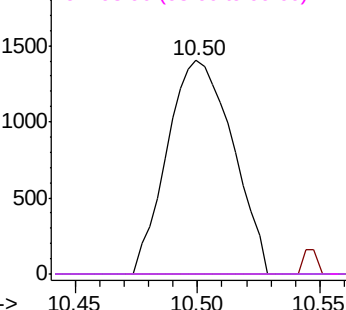


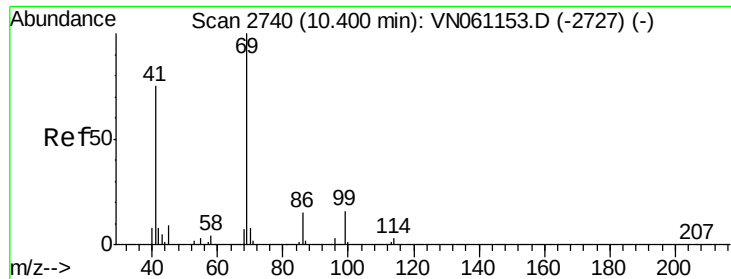
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0





#56

Ethyl methacrylate

Concen: 3.005 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

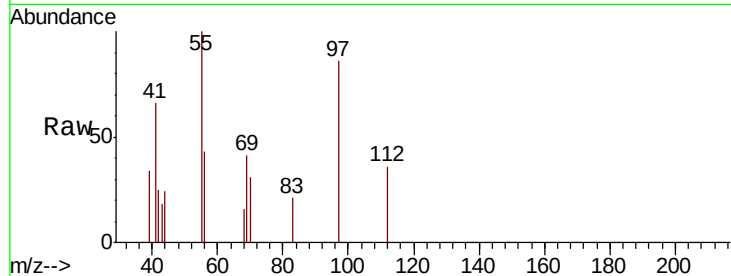
Tot Ion: 69 Resp: 611

Ion Ratio Lower Upper

69 100

41 194.8 60.3 90.5#

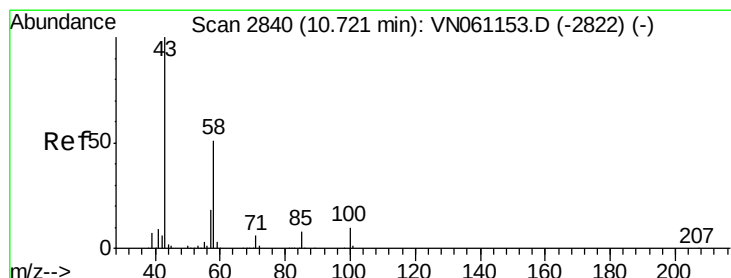
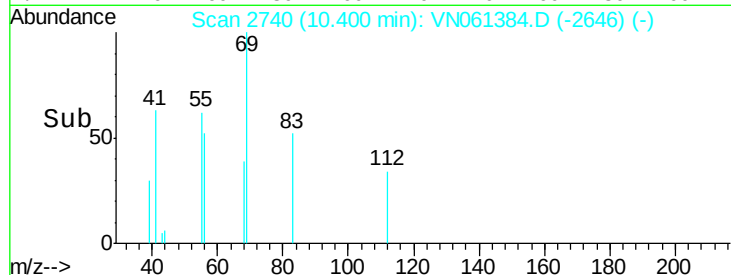
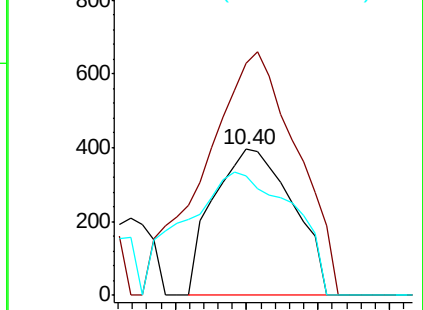
39 114.9 35.9 53.9#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 1.472 ug/l

RT: 10.69 min Scan# 2829

Delta R.T. -0.04 min

Lab File: VN061384.D

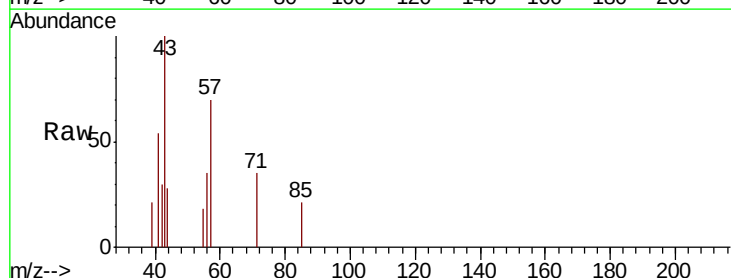
Acq: 11 May 2020 12:59

Tgt Ion: 43 Resp: 2046

Ion Ratio Lower Upper

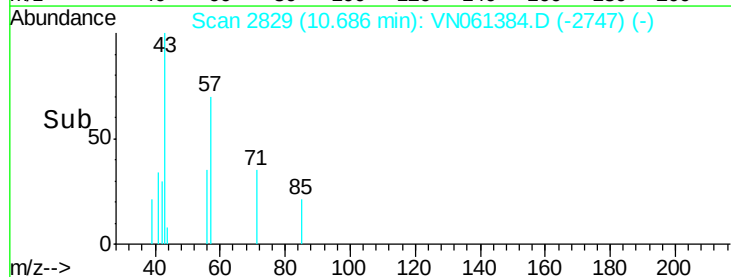
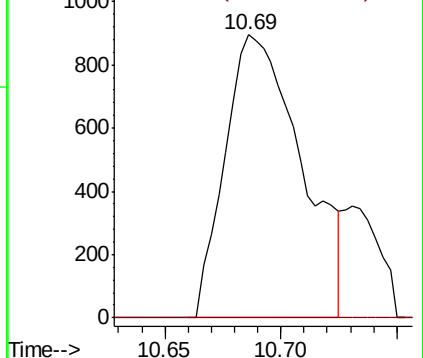
43 100

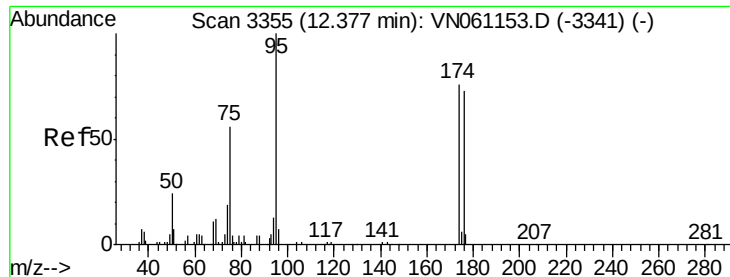
58 0.0 25.4 76.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.204 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampleId :

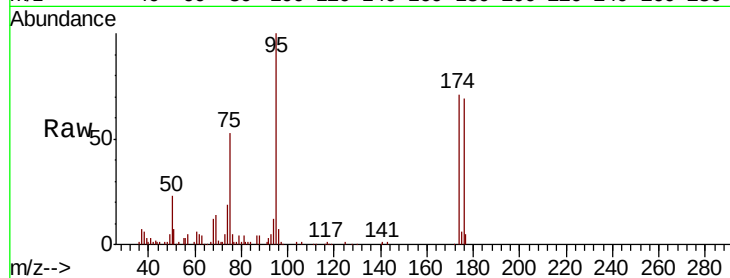
Tot Ion: 95 Resp: 80432

Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.4

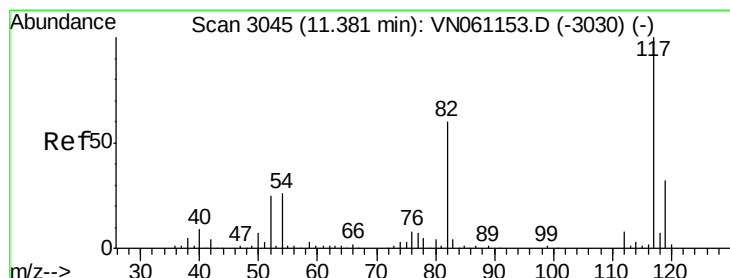
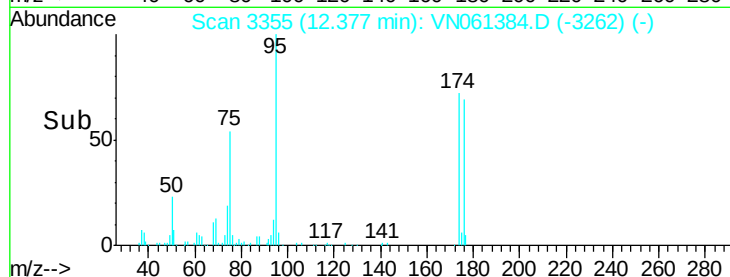
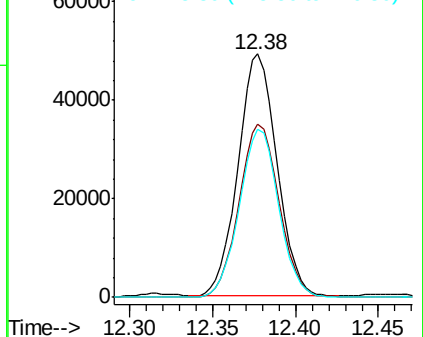
176 70.1 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

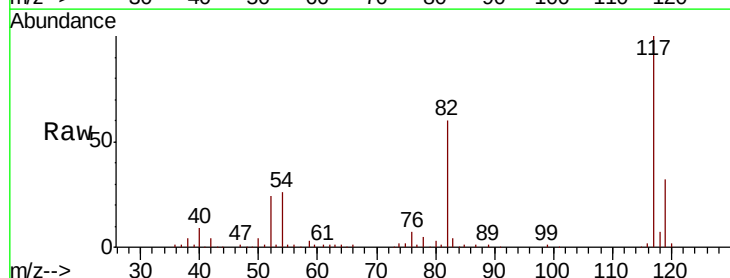
Tgt Ion: 117 Resp: 162097

Ion Ratio Lower Upper

117 100

82 59.6 47.8 71.8

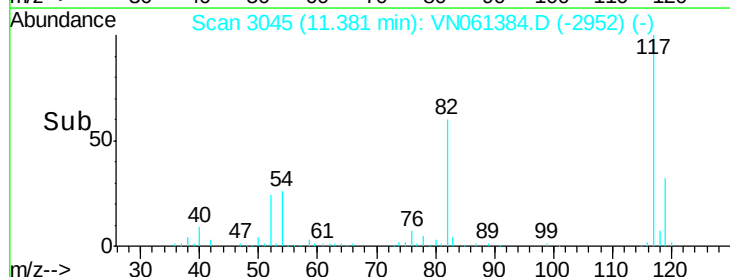
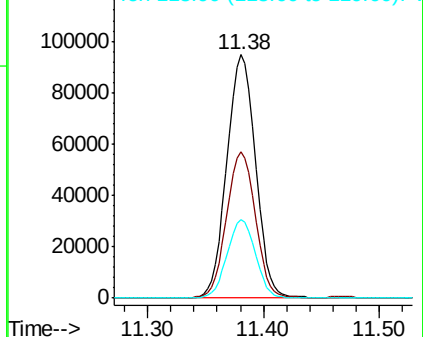
119 32.1 25.8 38.6

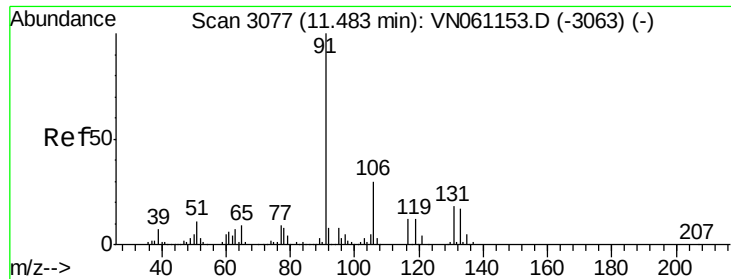


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)





#67

Ethyl Benzene

Concen: 0.560 ug/l

RT: 11.49 min Scan# 3078

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

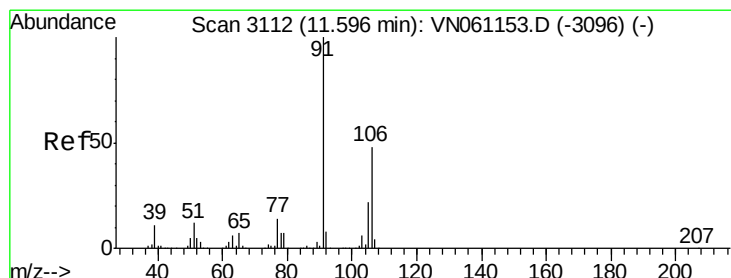
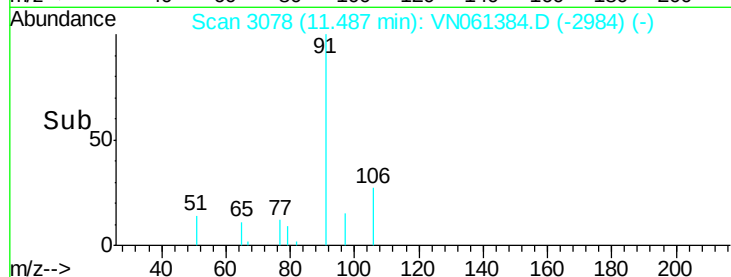
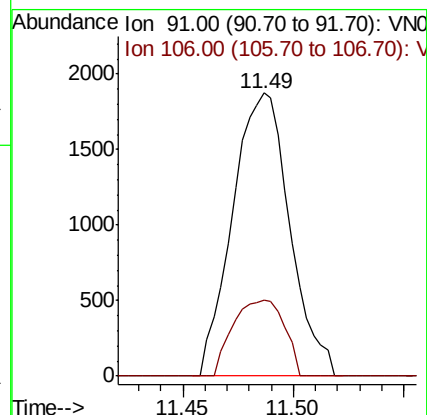
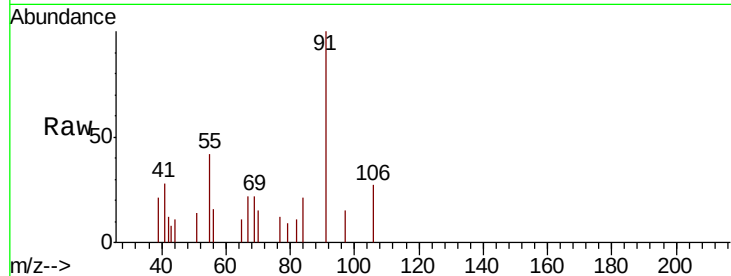
ClientSampled :

Tot Ion: 91 Resp: 3371

Ion Ratio Lower Upper

91 100

106 27.0 23.8 35.6



#68

m/p-Xylenes

Concen: 0.399 ug/l

RT: 11.60 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VN061384.D

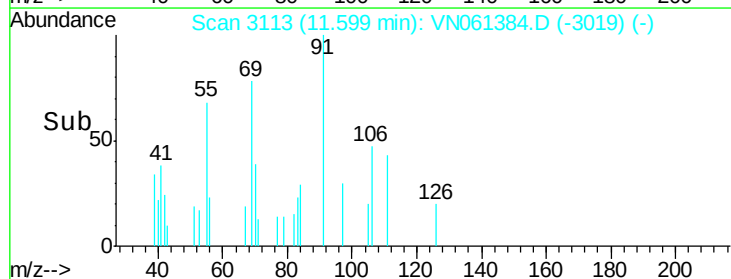
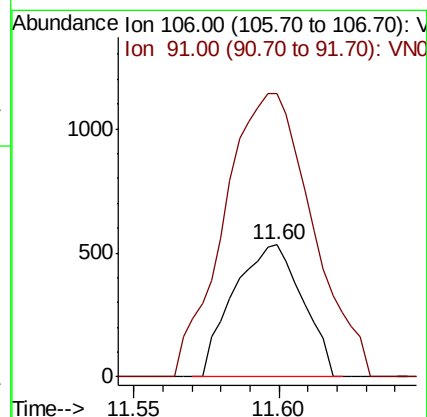
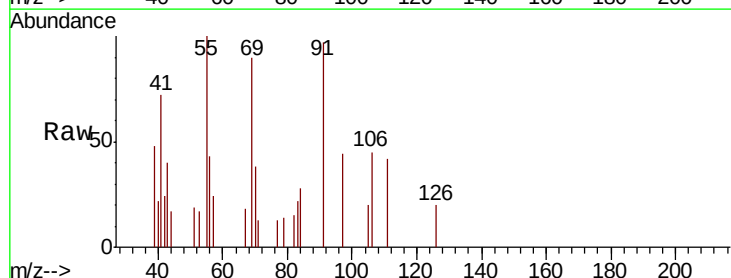
Acq: 11 May 2020 12:59

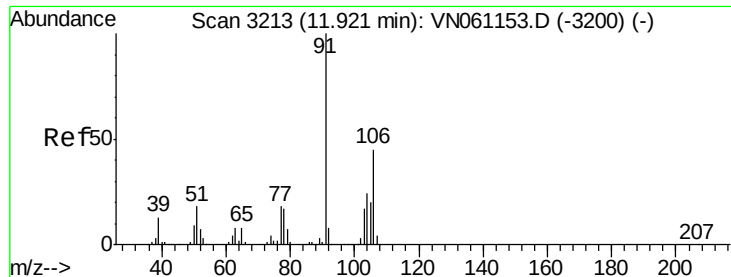
Tgt Ion: 106 Resp: 880

Ion Ratio Lower Upper

106 100

91 273.9 166.4 249.6#

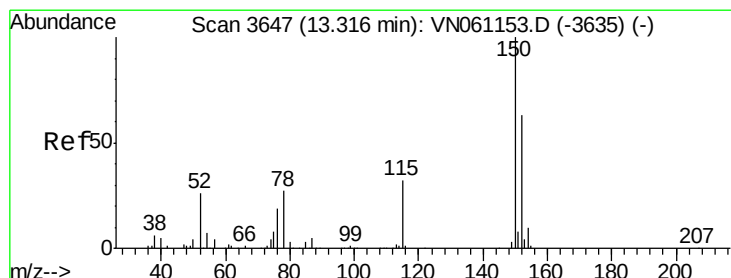
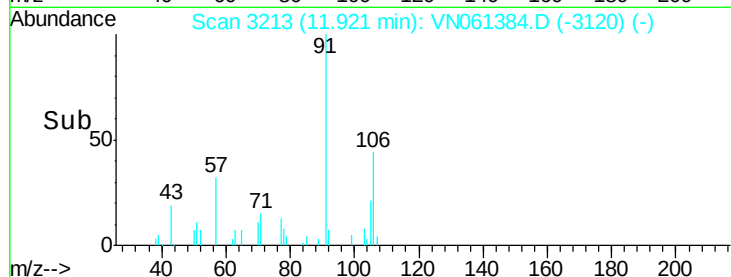
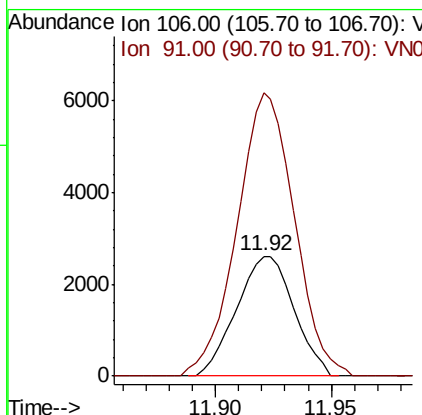
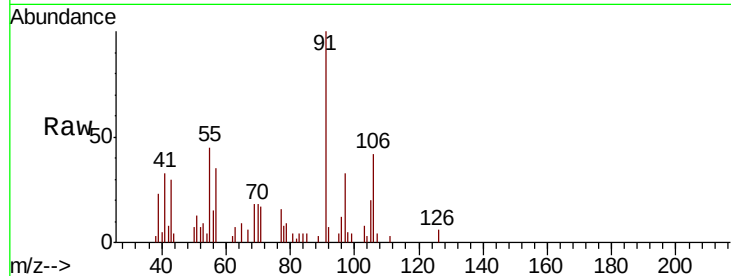




#69
o-Xylene
Concen: 2.132 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

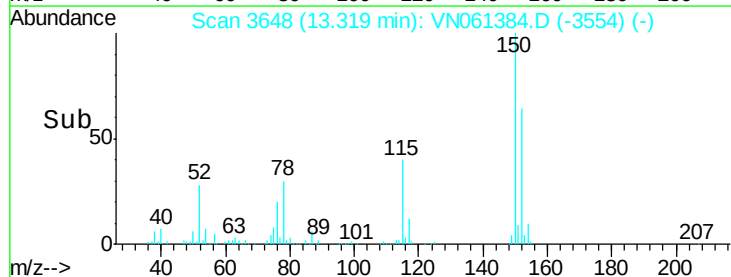
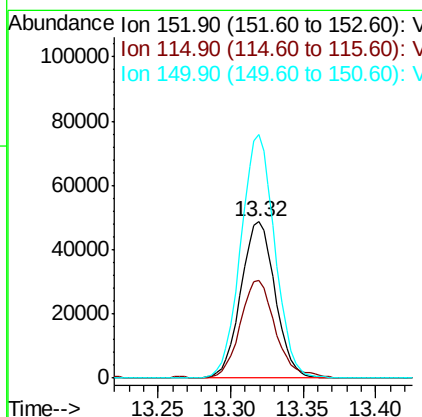
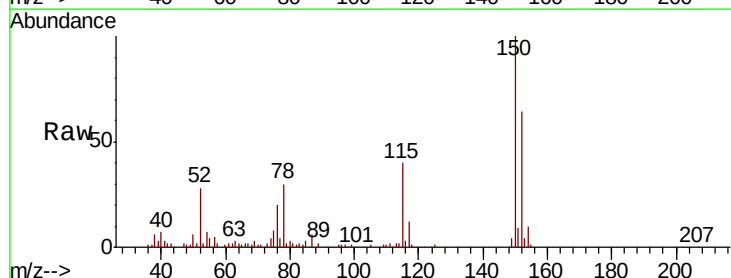
Instrument :
MSVOA_N
ClientSampled :

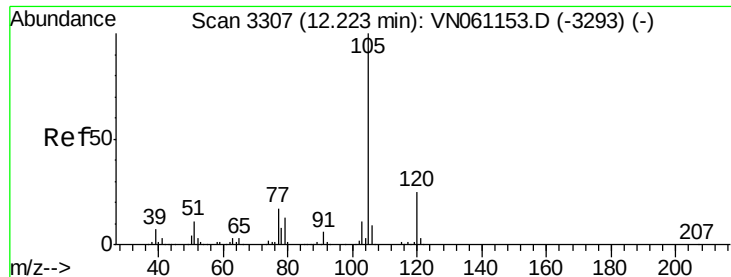
Tot Ion:106 Resp: 4512
Ion Ratio Lower Upper
106 100
91 235.4 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion:152 Resp: 80408
Ion Ratio Lower Upper
152 100
115 64.3 31.0 93.0
150 154.0 0.0 351.8





#73

Isopropylbenzene

Concen: 0.223 ug/l

RT: 12.23 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

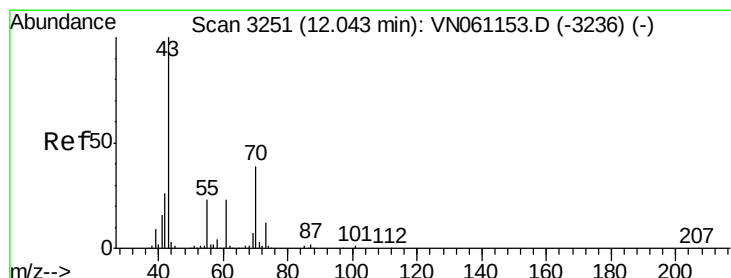
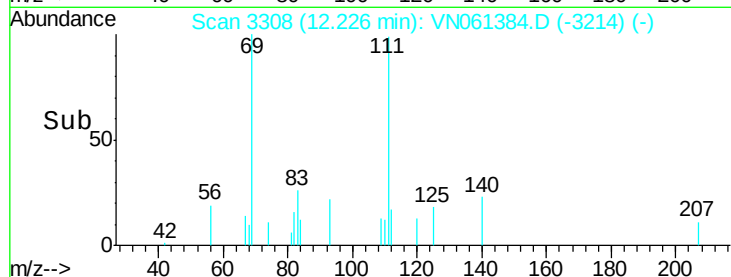
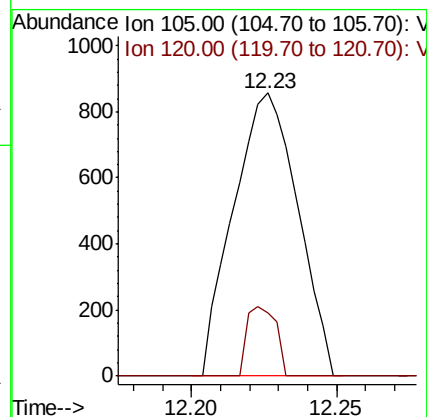
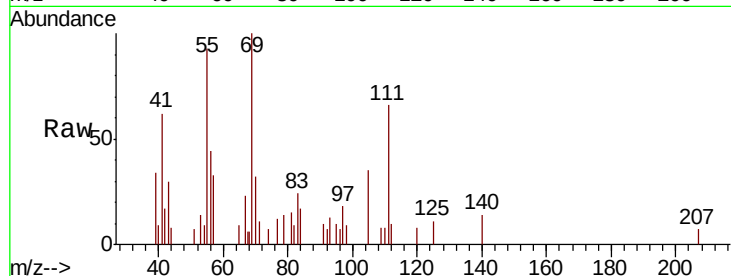
ClientSampleId :

Tot Ion:105 Resp: 1321

Ion Ratio Lower Upper

105 100

120 11.1 12.6 37.8#



#74

N-ethyl acetate

Concen: 1.676 ug/l

RT: 12.02 min Scan# 3243

Delta R.T. -0.03 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Tgt Ion: 43 Resp: 5018

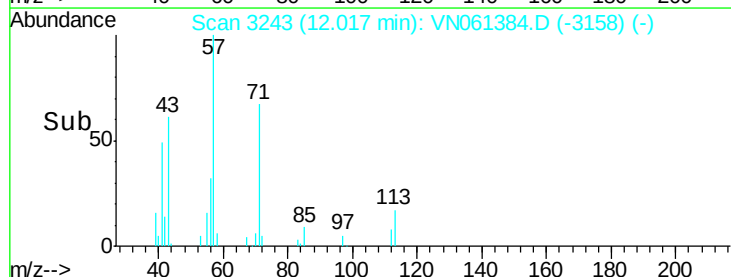
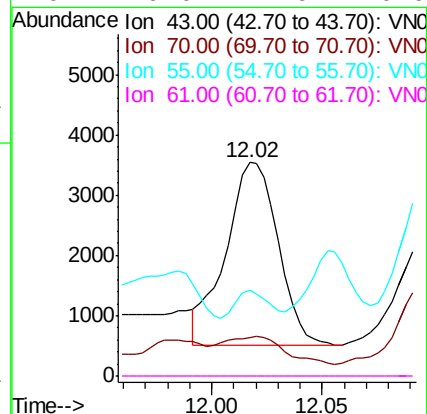
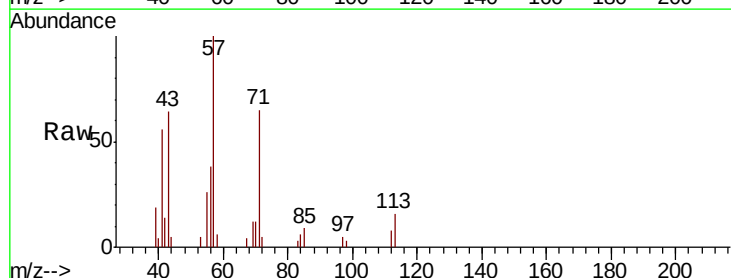
Ion Ratio Lower Upper

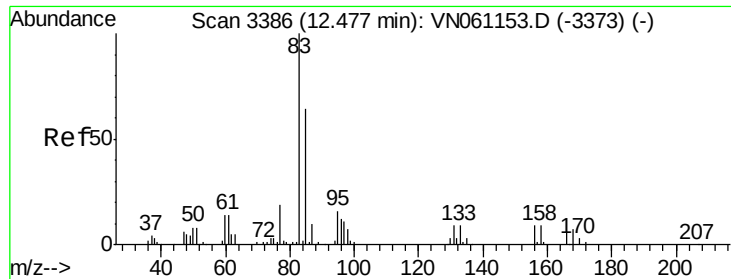
43 100

70 0.0 30.6 46.0#

55 0.0 18.5 27.7#

61 0.0 17.9 26.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.436 ug/l

RT: 12.44 min Scan# 3373

Delta R.T. -0.04 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

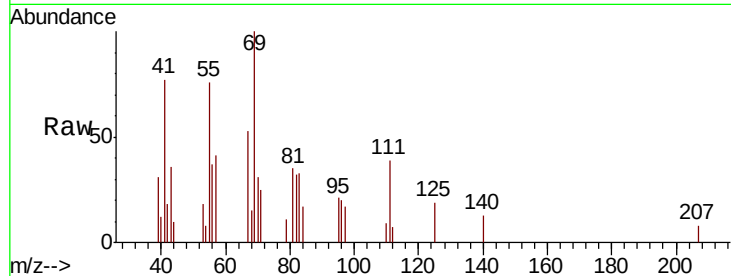
Tot Ion: 83 Resp: 803

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

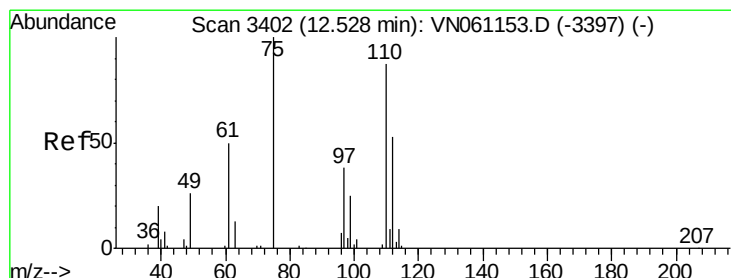
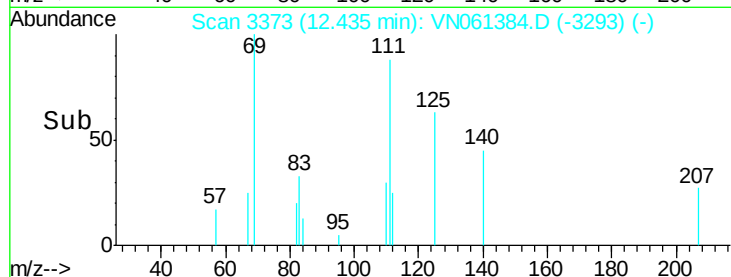
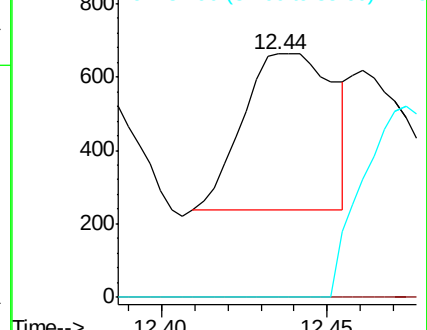
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.703 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061384.D

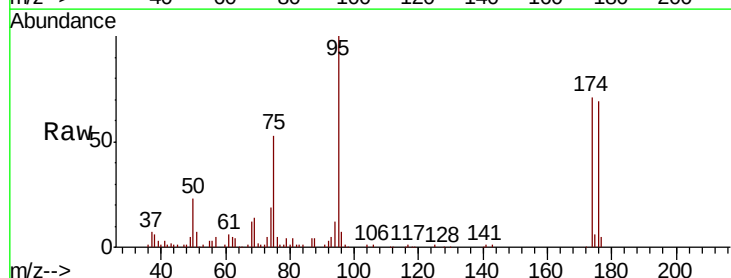
Acq: 11 May 2020 12:59

Tgt Ion: 75 Resp: 43573

Ion Ratio Lower Upper

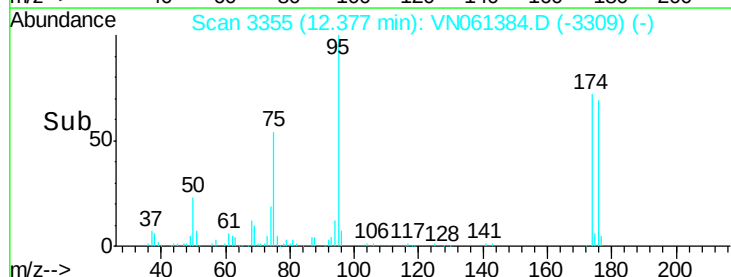
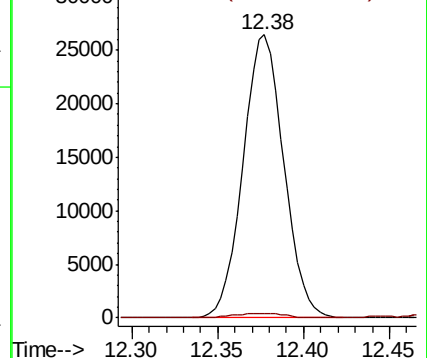
75 100

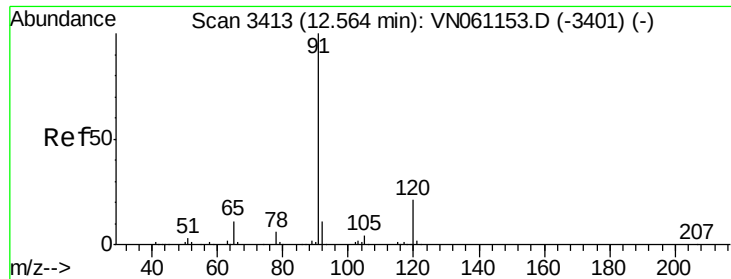
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.527 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

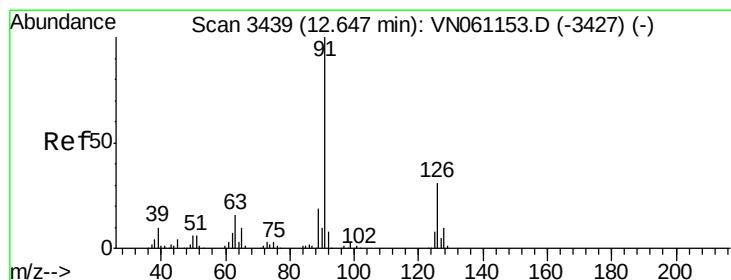
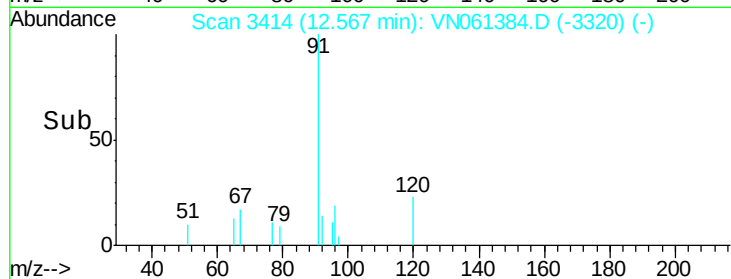
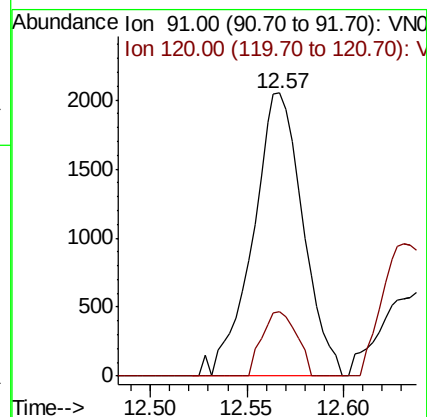
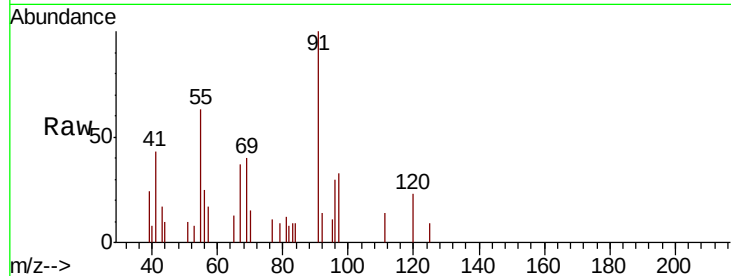
ClientSampleId :

Tot Ion: 91 Resp: 3696

Ion Ratio Lower Upper

91 100

120 15.9 10.8 32.3



#79

2-Chlorotoluene

Concen: 1.105 ug/l

RT: 12.66 min Scan# 3444

Delta R.T. 0.02 min

Lab File: VN061384.D

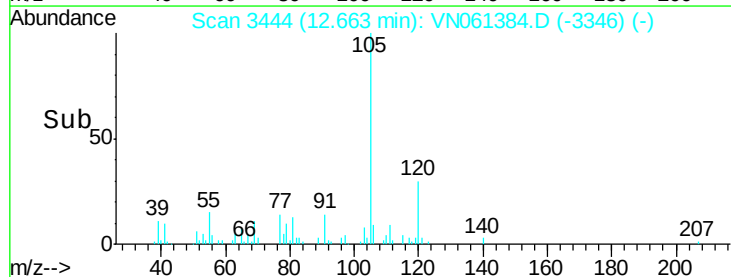
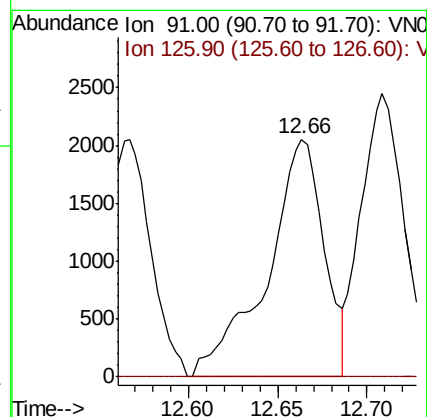
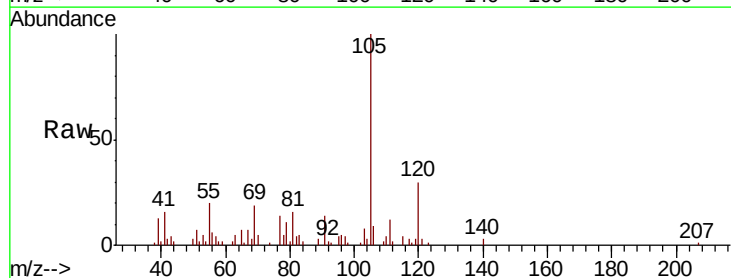
Acq: 11 May 2020 12:59

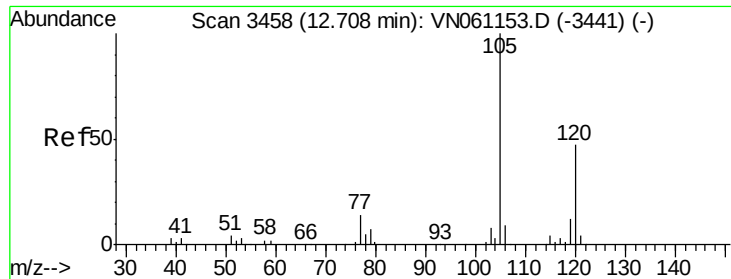
Tgt Ion: 91 Resp: 4552

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#

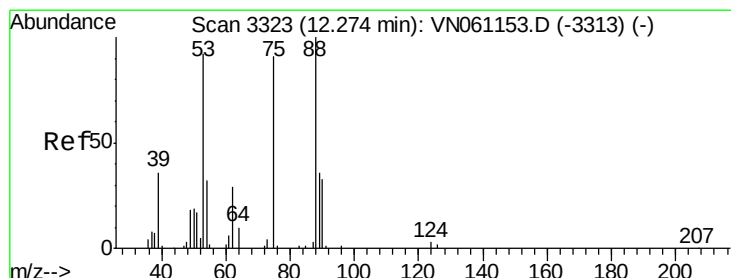
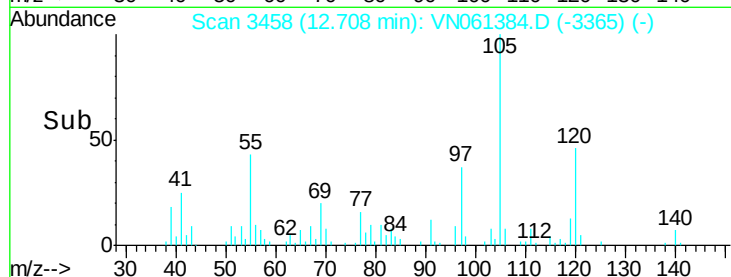
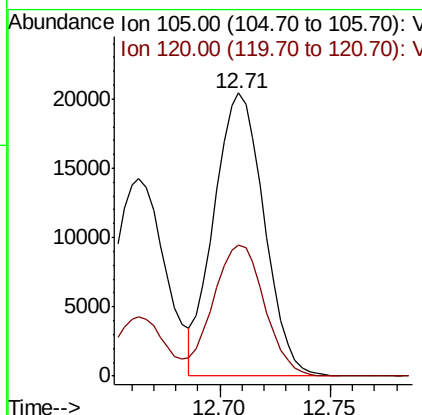
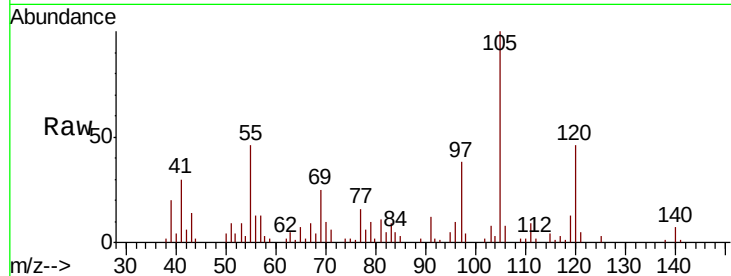




#80
 1,3,5-Trimethylbenzene
 Concen: 6.573 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

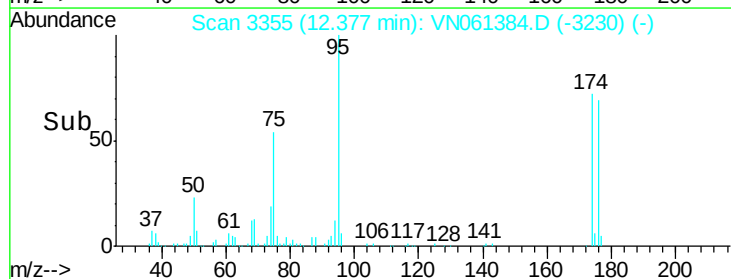
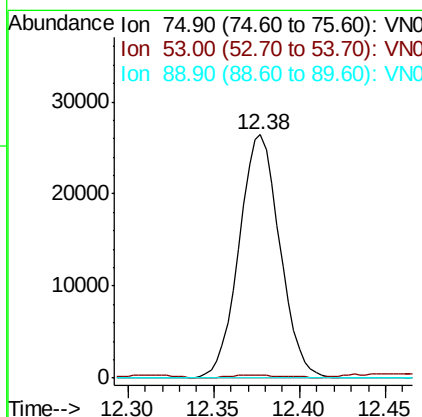
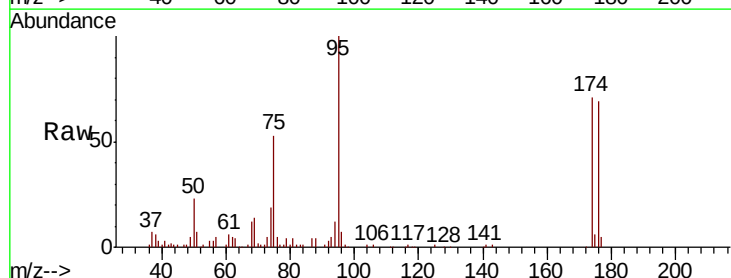
Instrument :
 MSVOA_N
 ClientSampled :

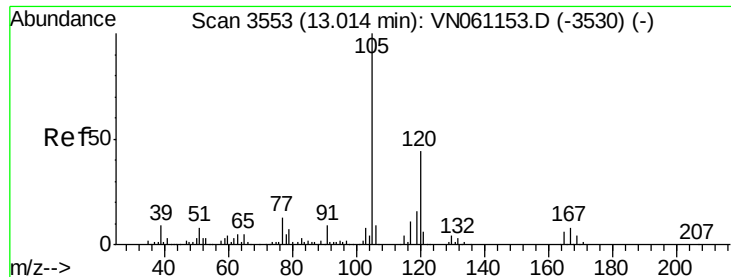
Tot Ion:105 Resp: 32160
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.274 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Tgt Ion: 75 Resp: 43573
 Ion Ratio Lower Upper
 75 100
 53 0.7 84.1 126.1#
 89 0.0 35.2 52.8#

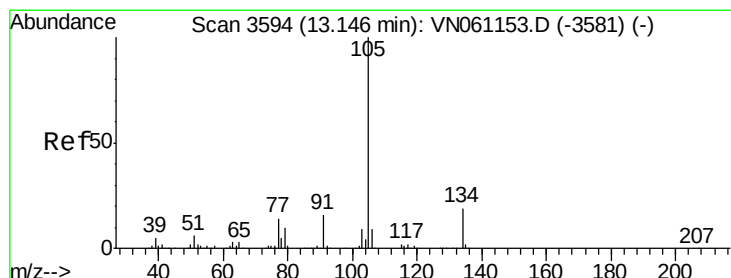
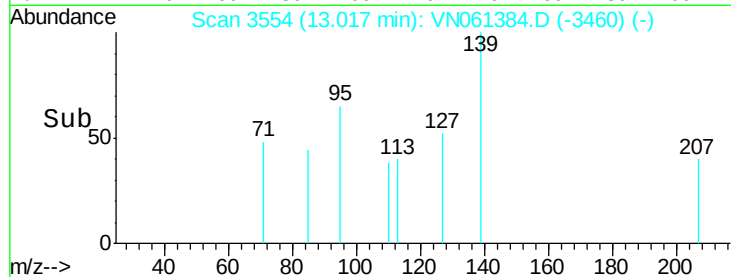
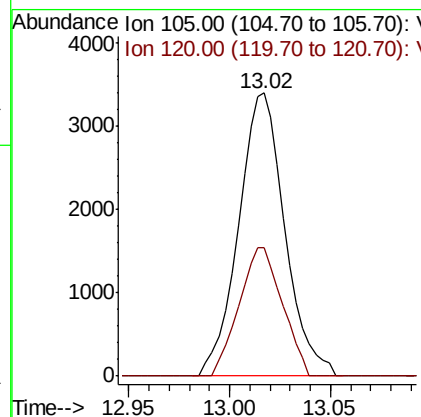
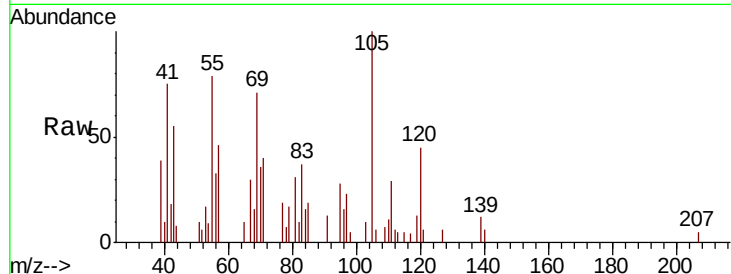




#84
 1,2,4-Trimethylbenzene
 Concen: 1.079 ug/l
 RT: 13.02 min Scan# 3554
 Delta R.T. 0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

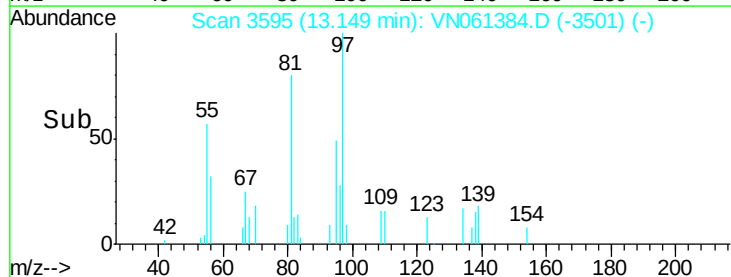
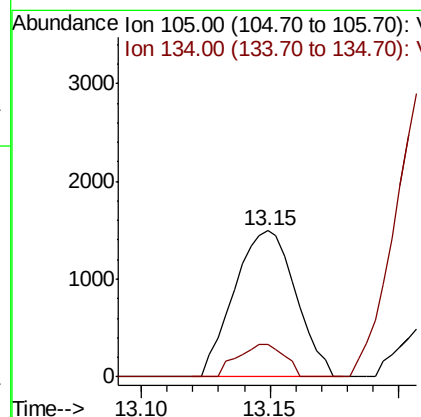
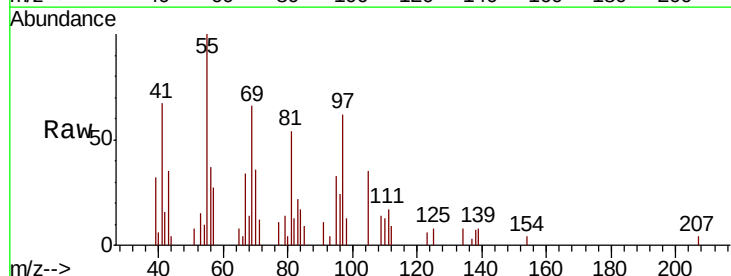
Instrument :
 MSVOA_N
 ClientSampled :

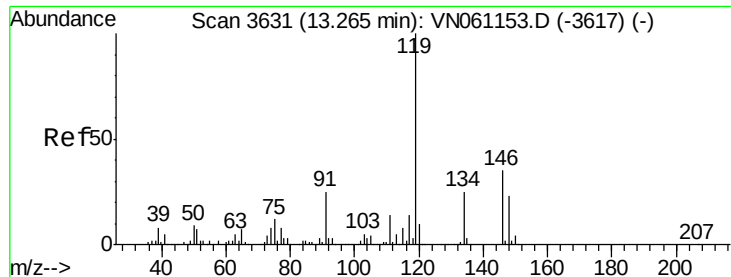
Tot Ion:105 Resp: 5438
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 0.441 ug/l
 RT: 13.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Tgt Ion:105 Resp: 2482
 Ion Ratio Lower Upper
 105 100
 134 17.1 9.6 28.8

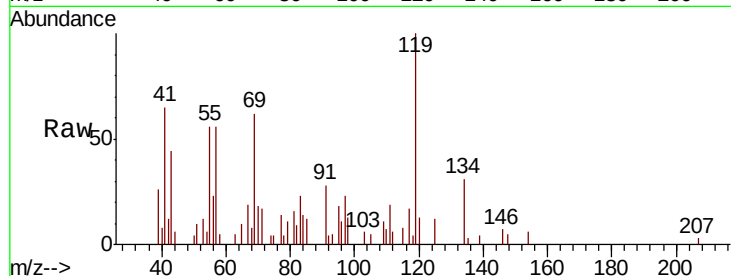




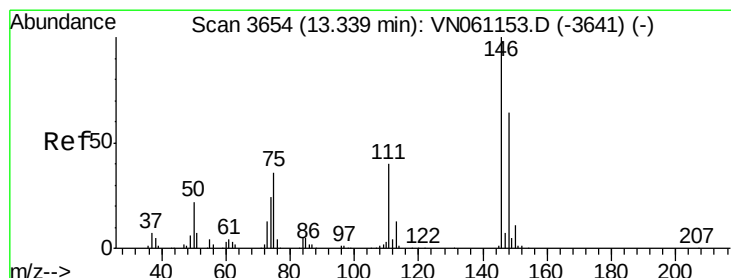
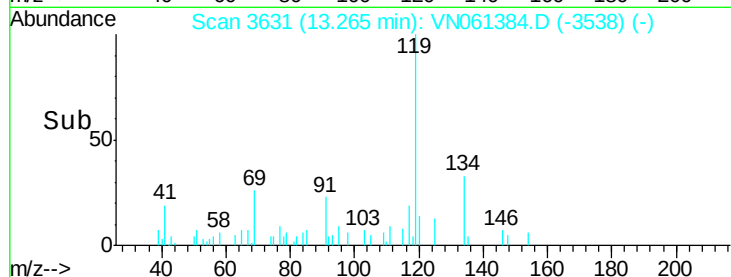
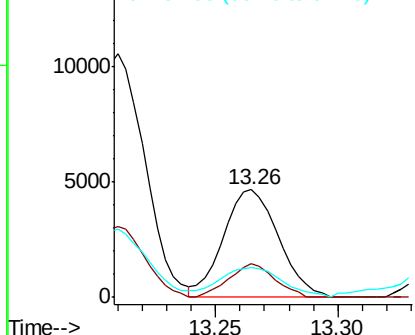
#86
 p-Isopropyltoluene
 Concen: 1.446 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 7329
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.6
 91 32.1 12.7 38.0

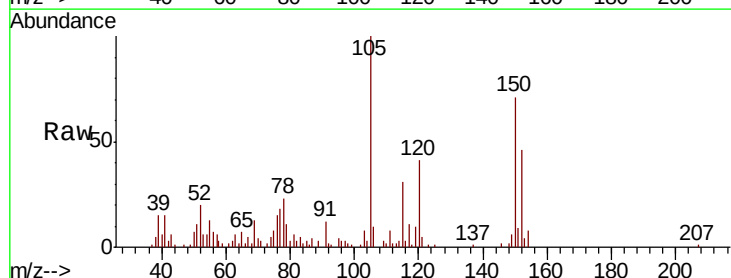


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

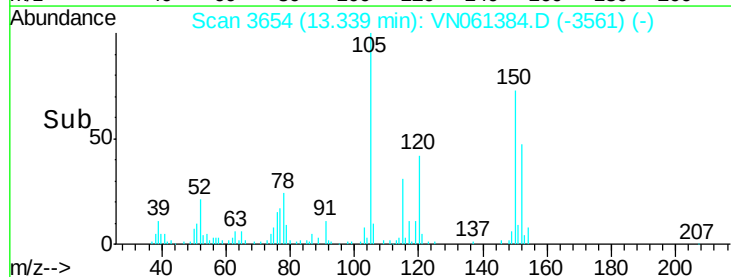
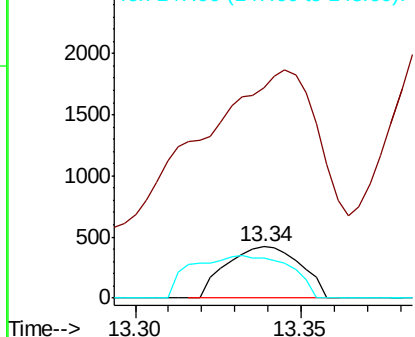


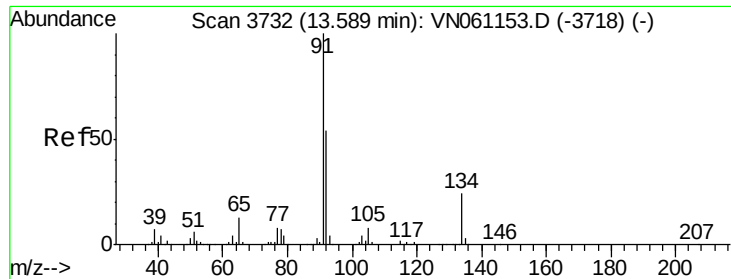
#88
 1,4-Dichlorobenzene
 Concen: 0.256 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Tgt Ion:146 Resp: 657
 Ion Ratio Lower Upper
 146 100
 111 478.7 20.4 61.3#
 148 107.8 31.9 95.7#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

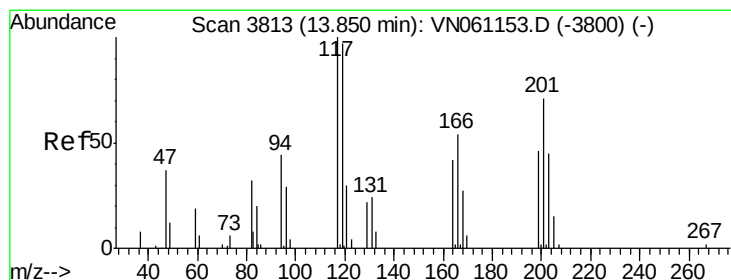
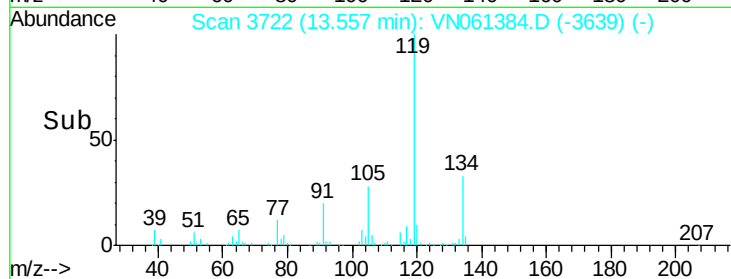
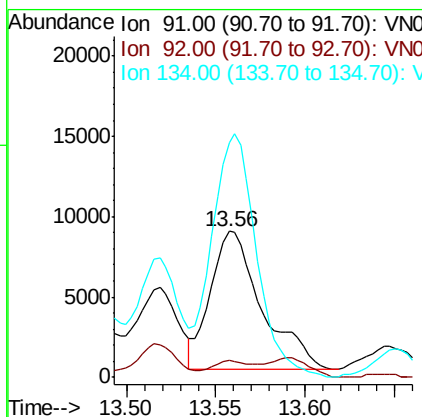
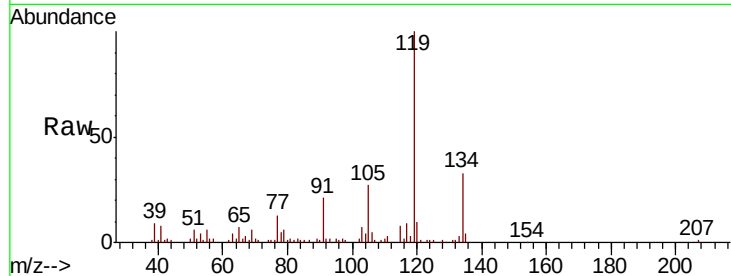




#89
n-Butylbenzene
Concen: 3.727 ug/l
RT: 13.56 min Scan# 3722
Delta R.T. -0.03 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

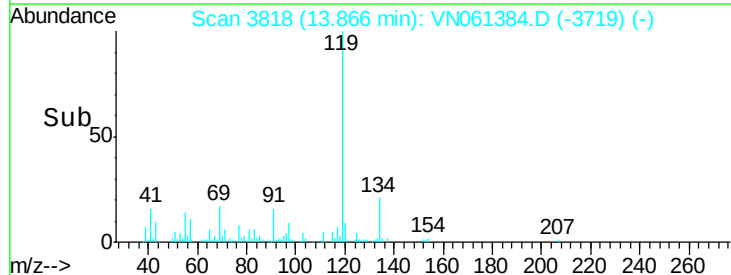
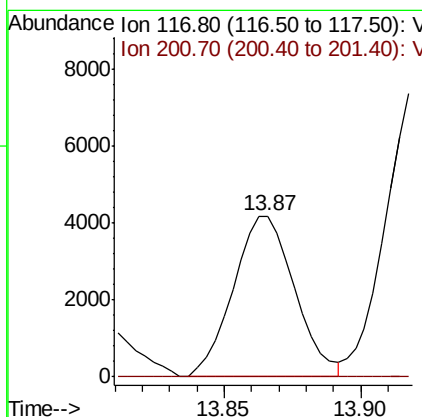
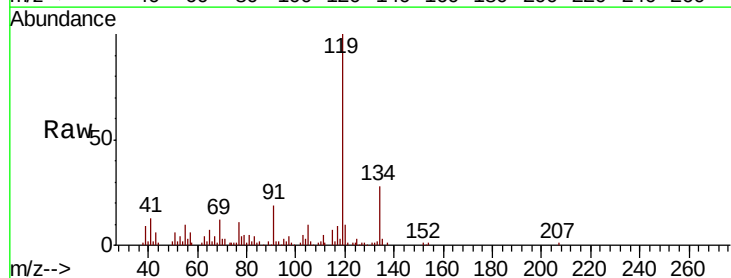
Instrument :
MSVOA_N
ClientSampleId :

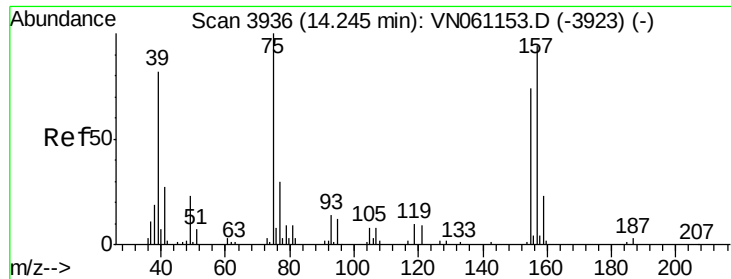
Tot Ion: 91 Resp: 17315
Ion Ratio Lower Upper
91 100
92 8.3 26.8 80.3#
134 152.9 11.9 35.5#



#90
Hexachloroethane
Concen: 18.110 ug/l
RT: 13.87 min Scan# 3818
Delta R.T. 0.02 min
Lab File: VN061384.D
Acq: 11 May 2020 12:59

Tgt Ion: 117 Resp: 6539
Ion Ratio Lower Upper
117 100
201 0.0 35.5 106.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.462 ug/l

RT: 14.23 min Scan# 3930

Delta R.T. -0.02 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

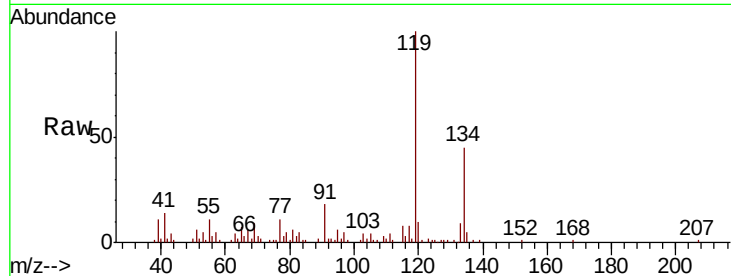
Tot Ion: 75 Resp: 569

Ion Ratio Lower Upper

75 100

155 0.0 36.5 109.7#

157 0.0 46.6 139.7#

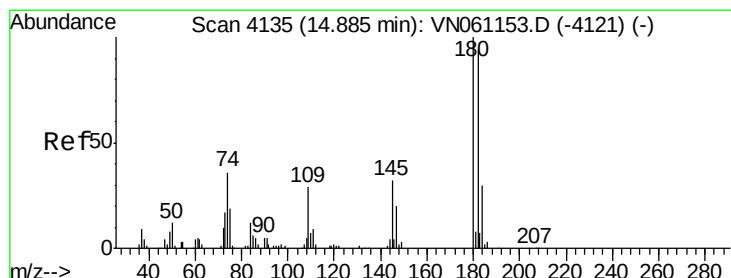
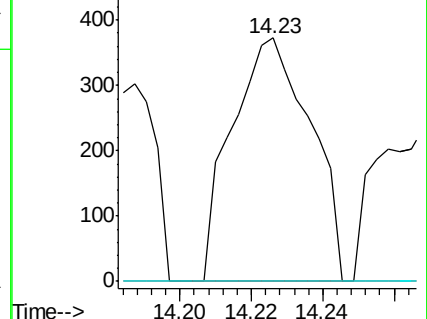
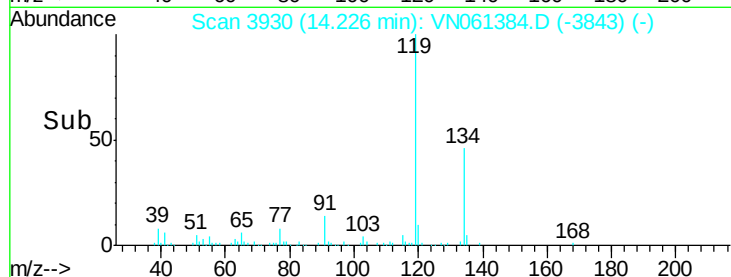


Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3923) (-)

Ion 154.80 (154.50 to 155.50): VN061153.D (-3923) (-)

Ion 156.80 (156.50 to 157.50): VN061153.D (-3923) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.930 ug/l

RT: 14.89 min Scan# 4135

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

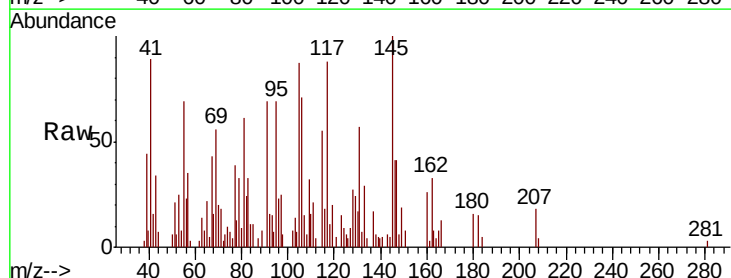
Tgt Ion: 180 Resp: 1364

Ion Ratio Lower Upper

180 100

182 105.1 47.3 141.9

145 353.6 16.0 47.9#

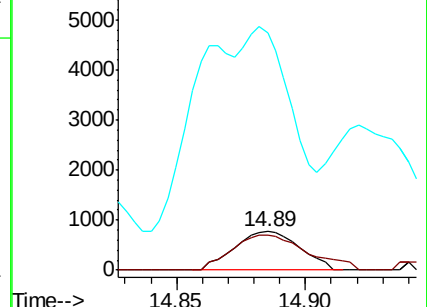
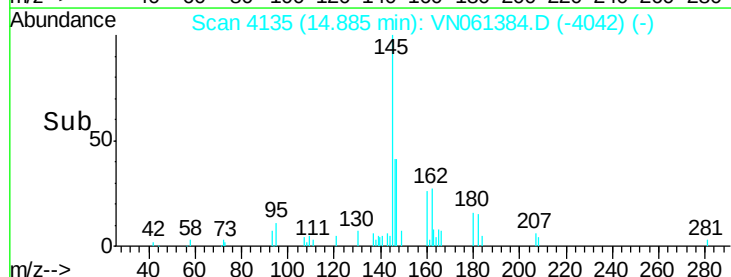


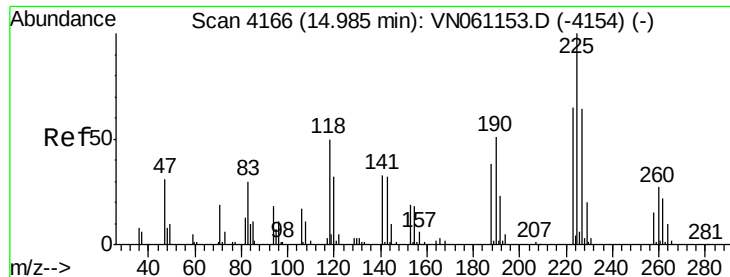
Abundance Ion 179.80 (179.50 to 180.50): VN061153.D (-4121) (-)

Ion 181.80 (181.50 to 182.50): VN061153.D (-4121) (-)

Ion 144.80 (144.50 to 145.50): VN061153.D (-4121) (-)

Time-->





#94

Hexachlorobutadiene

Concen: 1.033 ug/l

RT: 14.98 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

Instrument :

MSVOA_N

ClientSampled :

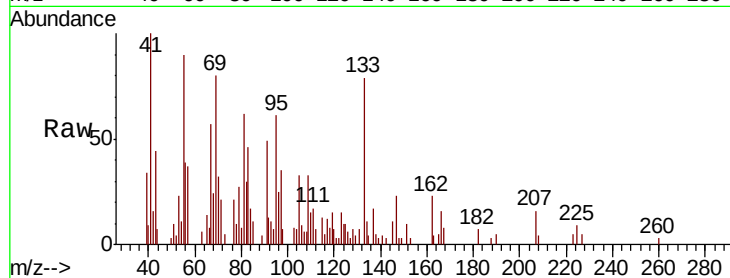
Tot Ion:225 Resp: 633

Ion Ratio Lower Upper

225 100

223 53.2 32.4 97.0

227 64.9 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

14.98

600

500

400

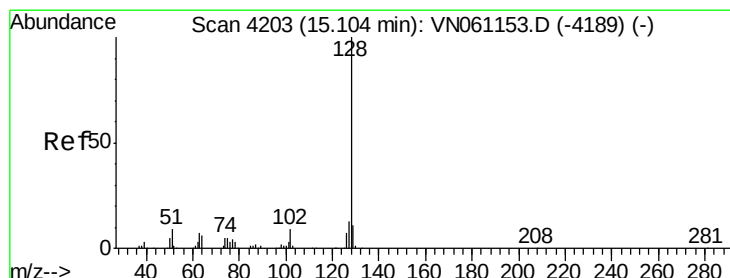
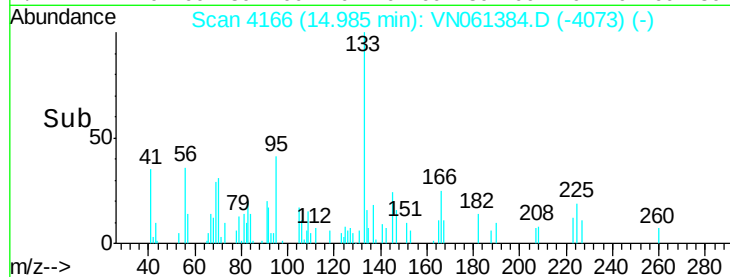
300

200

100

0

Time-->



#95

Naphthalene

Concen: 2.043 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061384.D

Acq: 11 May 2020 12:59

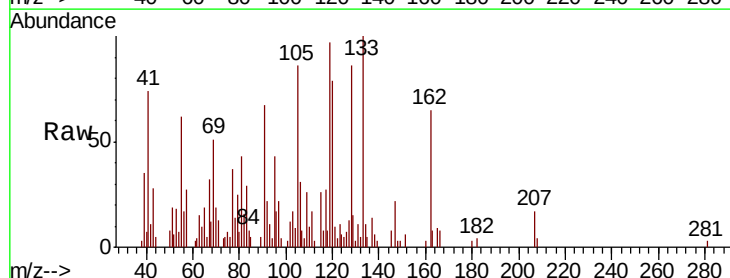
Tgt Ion:128 Resp: 9761

Ion Ratio Lower Upper

128 100

127 9.6 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.11

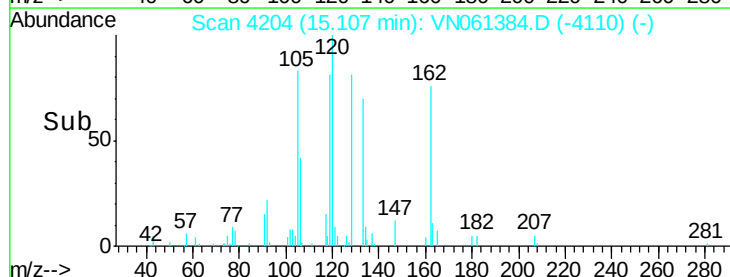
6000

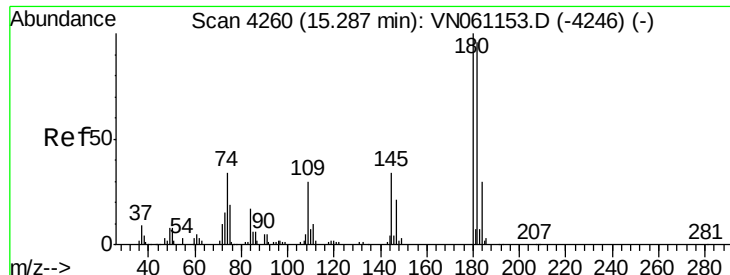
4000

2000

0

Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 1.099 ug/l
 RT: 15.30 min Scan# 4264
 Delta R.T. 0.01 min
 Lab File: VN061384.D
 Acq: 11 May 2020 12:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.5
145	811.1	16.9	50.7#

