

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061307.D
 Acq On : 6 May 2020 14:17
 Operator : JC/MD
 Sample : L2456-01ME
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 03:09:23 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	87895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	155635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	149025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82597	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	68187	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
35) Dibromofluoromethane	7.54	113	40559	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	
50) Toluene-d8	10.06	98	190884	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.38	95	81591	57.79	ug/l	0.00
Spiked Amount			Recovery	=	115.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	596	0.528	ug/l #	80
5) Bromomethane	2.48	94	349	0.551	ug/l	93
10) Methyl Iodide	3.89	142	473	0.395	ug/l #	83
16) Acetone	3.78	43	8873	11.220	ug/l	97
17) Carbon Disulfide	3.98	76	4940	1.928	ug/l	100
18) Methyl Acetate	4.28	43	1334	1.429	ug/l #	55
29) Tetrahydrofuran	7.17	42	770	1.389	ug/l #	37
31) Cyclohexane	7.59	56	14316	7.076	ug/l #	50
36) 1,1-Dichloropropene	7.62	75	7959	5.109	ug/l #	50
38) Carbon Tetrachloride	7.62	117	9675	8.782	ug/l #	16
39) Methylcyclohexane	9.04	83	12136	6.946	ug/l	92
41) Methacrylonitrile	7.17	41	278	0.367	ug/l #	100
43) Isopropyl Acetate	8.10	43	8190	2.702	ug/l #	57
48) Methyl methacrylate	9.19	41	355	0.260	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1723	0.966	ug/l #	1
52) Toluene	10.12	92	1113083	398.130	ug/l	98
53) t-1,3-Dichloropropene	10.12	75	13394	7.213	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	4364	3.913	ug/l #	18
56) Ethyl methacrylate	10.40	69	989	3.208	ug/l #	1
59) 2-Hexanone	10.69	43	9915	7.638	ug/l #	28
67) Ethyl Benzene	11.48	91	58351	10.544	ug/l	100
68) m/p-Xylenes	11.59	106	84746	41.838	ug/l	96
69) o-Xylene	11.92	106	45036	23.147	ug/l	95
70) Styrene	11.92	104	2860	0.878	ug/l #	1
71) Bromoform	12.38	173	156	0.201	ug/l #	1
73) Isopropylbenzene	12.22	105	31815	5.240	ug/l	98
74) N-amyl acetate	12.02	43	35434	11.524	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.43	83	3134	1.655	ug/l #	51
76) 1,2,3-Trichloropropane	12.63	75	3617	2.077	ug/l #	100
78) n-propylbenzene	12.57	91	158039	21.943	ug/l	99
79) 2-Chlorotoluene	12.63	91	46042	10.876	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	145810	29.013	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	44222	64.490	ug/l #	8
82) 4-Chlorotoluene	12.71	91	15044	3.372	ug/l #	50

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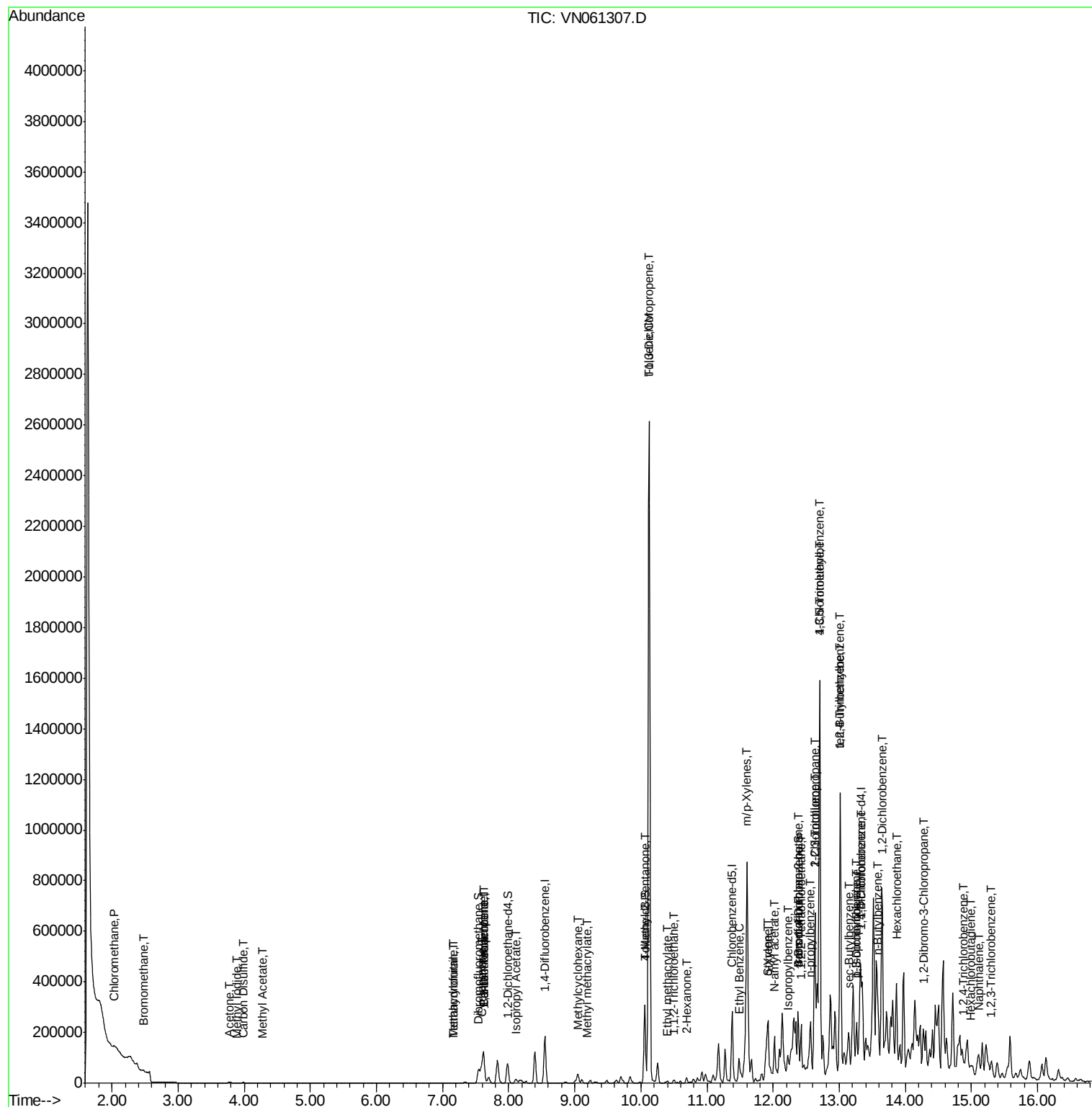
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.01	119	68045	16.057	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.01	105	585522	113.084	ug/l	99
85) sec-Butylbenzene	13.15	105	62648	10.843	ug/l	89
86) p-Isopropyltoluene	13.26	119	35936	6.904	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	746	0.289	ug/l #	63
88) 1,4-Dichlorobenzene	13.34	146	976	0.370	ug/l #	1
89) n-Butylbenzene	13.59	91	138663	29.057	ug/l #	75
90) Hexachloroethane	13.87	117	14513	30.279	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	676	0.273	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.27	75	358	0.895	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.89	180	1645	1.092	ug/l #	84
94) Hexachlorobutadiene	14.99	225	726	1.153	ug/l	92
95) Naphthalene	15.11	128	46282	9.432	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	2388	1.605	ug/l #	59

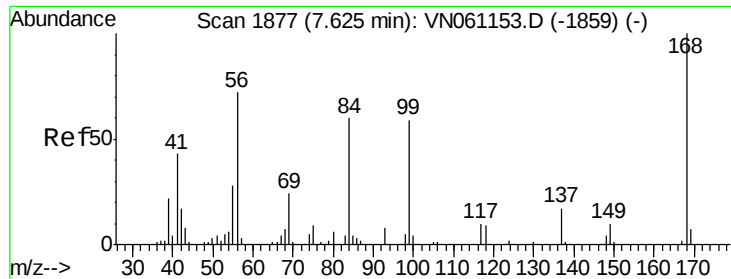
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

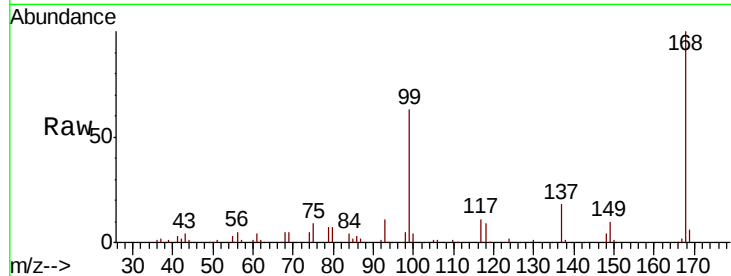
ClientSampled :

Tot Ion:168 Resp: 87895

Ion Ratio Lower Upper

168 100

99 62.7 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

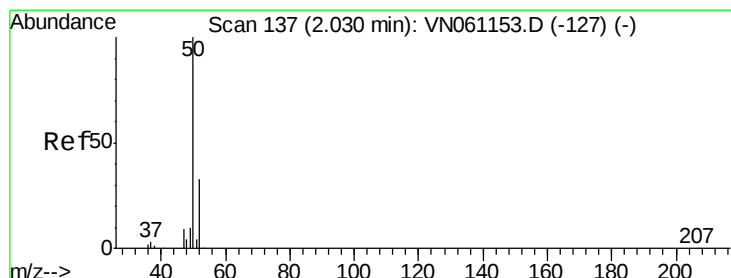
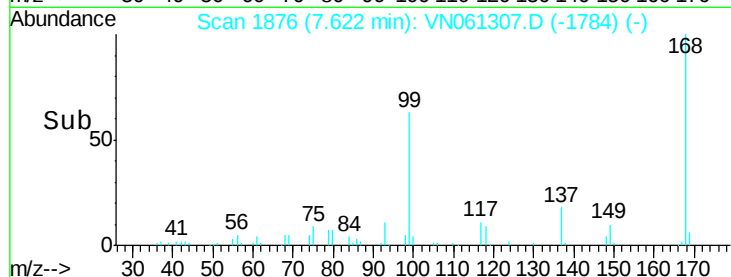
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#3

Chloromethane

Concen: 0.528 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061307.D

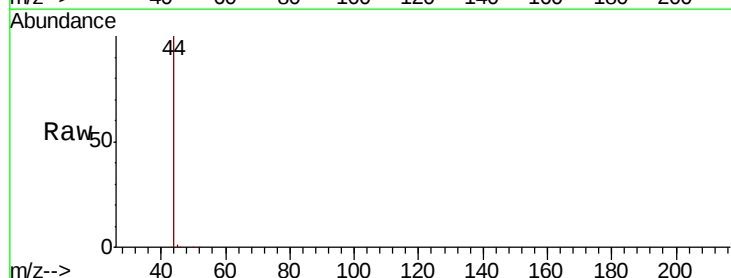
Acq: 6 May 2020 14:17

Tgt Ion: 50 Resp: 596

Ion Ratio Lower Upper

50 100

52 43.7 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

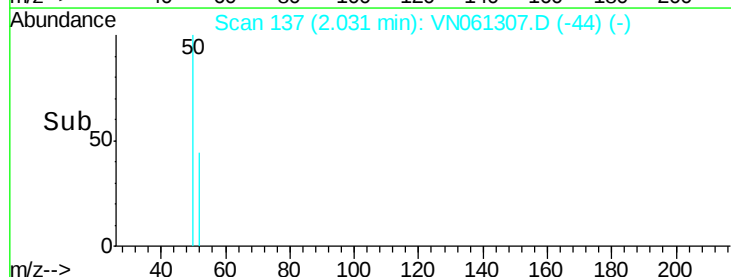
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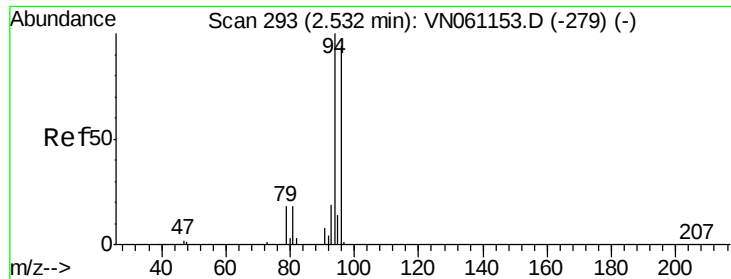
100

0

2.00 2.02 2.04 2.06

Time-->





#5

Bromomethane

Concen: 0.551 ug/l

RT: 2.48 min Scan# 277

Delta R.T. -0.05 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

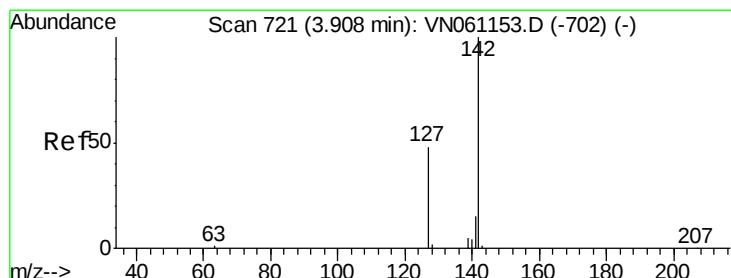
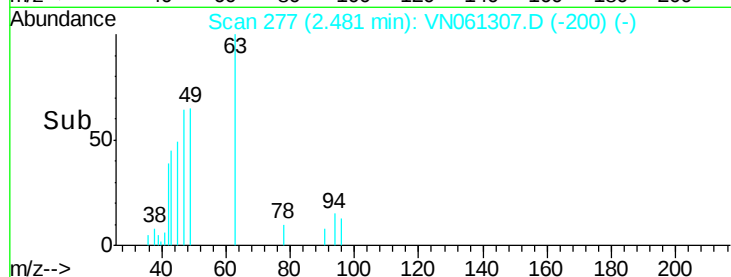
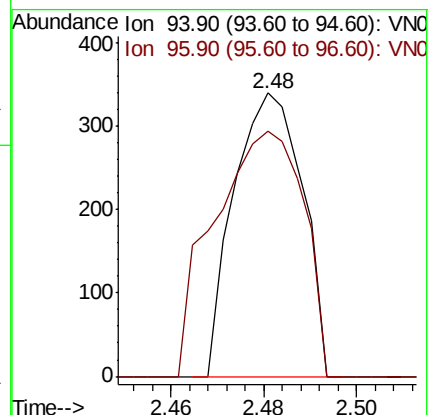
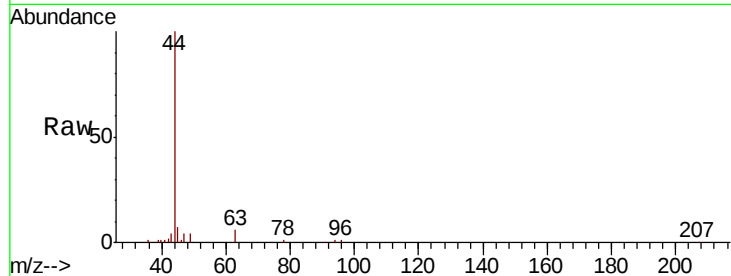
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 349

Ion Ratio Lower Upper

94 100

96 86.8 75.1 112.7



#10

Methyl Iodide

Concen: 0.395 ug/l

RT: 3.89 min Scan# 714

Delta R.T. -0.02 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

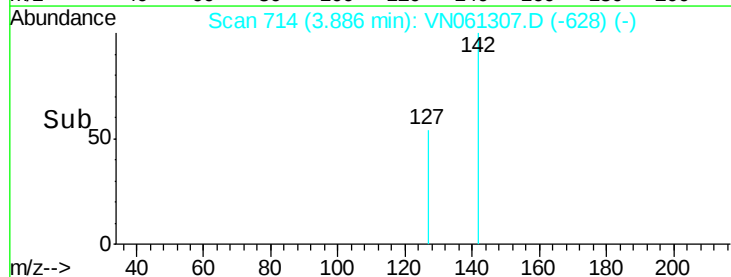
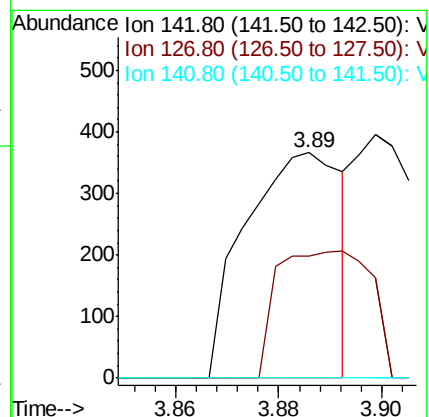
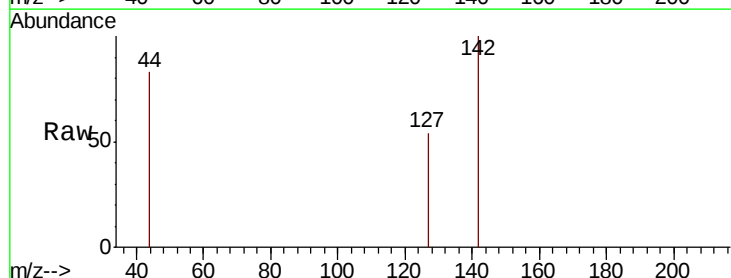
Tgt Ion: 142 Resp: 473

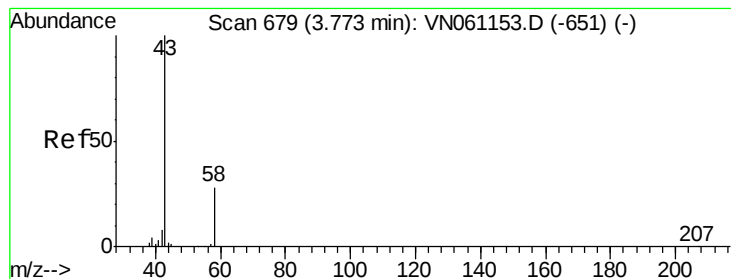
Ion Ratio Lower Upper

142 100

127 54.8 38.0 57.0

141 0.0 11.7 17.5#





#16

Acetone

Concen: 11.220 ug/l

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

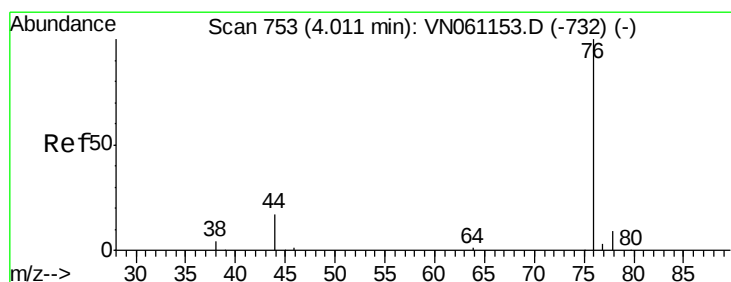
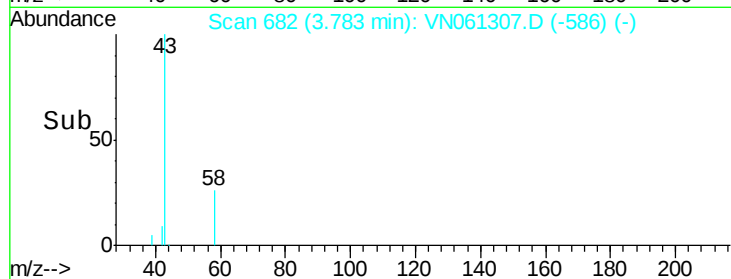
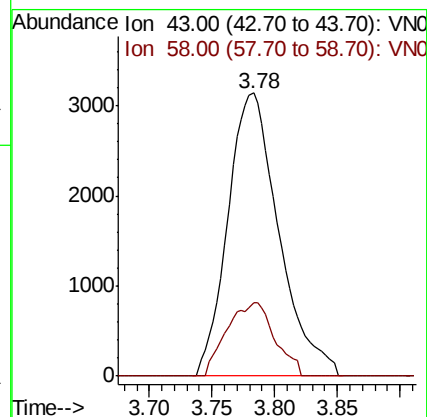
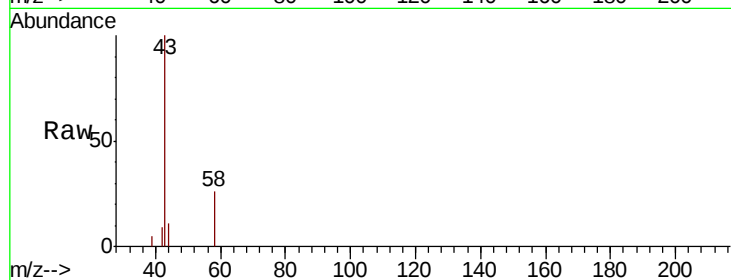
ClientSampled :

Tot Ion: 43 Resp: 8873

Ion Ratio Lower Upper

43 100

58 26.0 22.2 33.2



#17

Carbon Disulfide

Concen: 1.928 ug/l

RT: 3.98 min Scan# 744

Delta R.T. -0.03 min

Lab File: VN061307.D

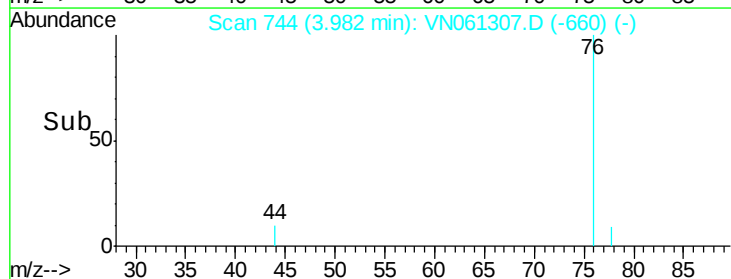
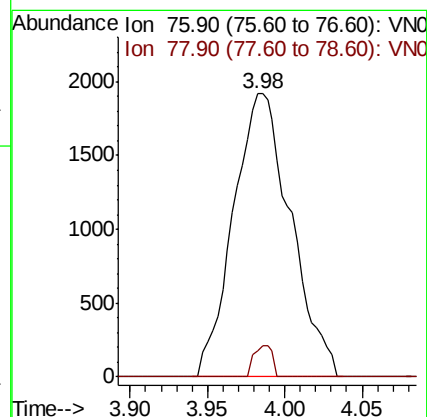
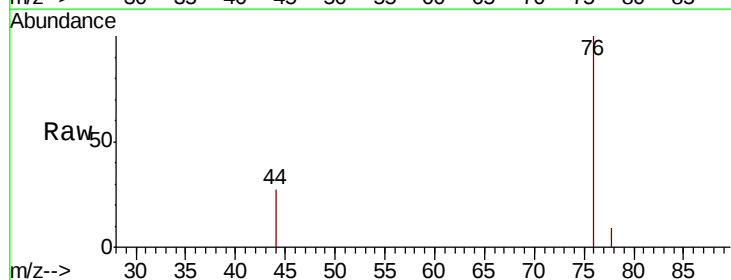
Acq: 6 May 2020 14:17

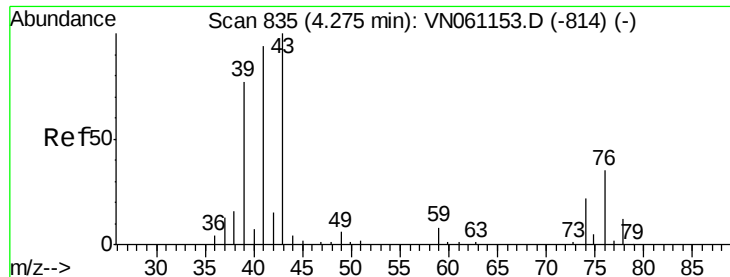
Tgt Ion: 76 Resp: 4940

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

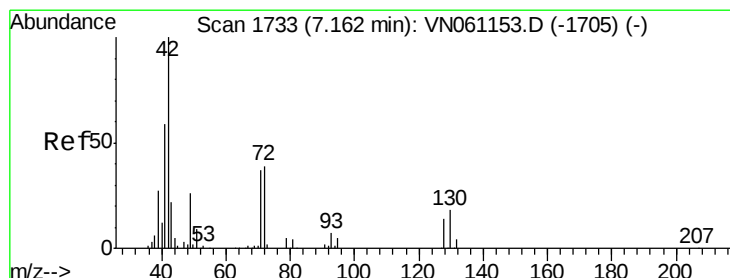
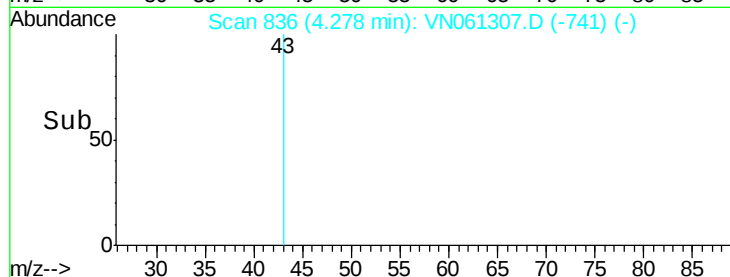
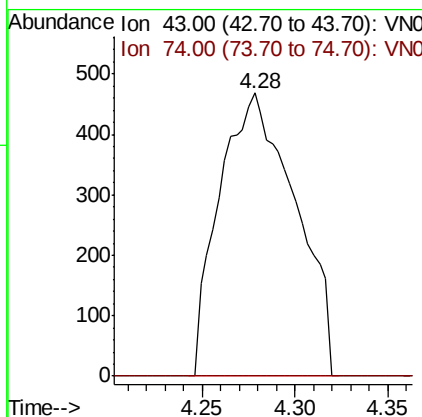
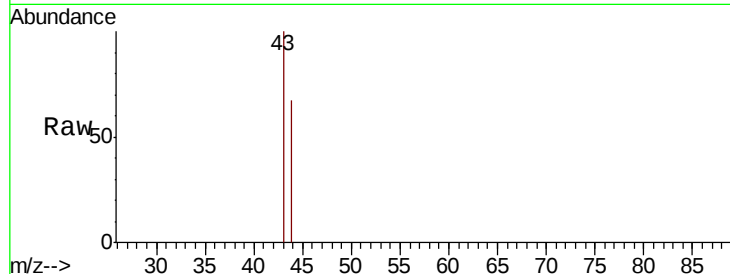




#18
Methvl Acetate
Concen: 1.429 ug/l
RT: 4.28 min Scan# 836
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

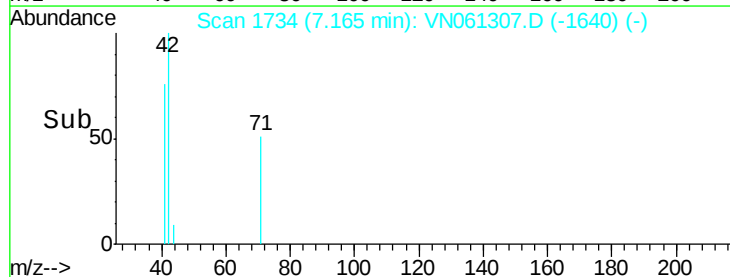
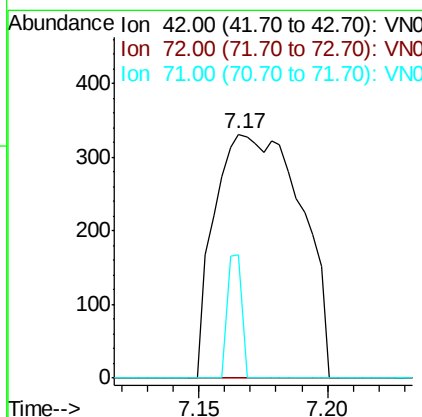
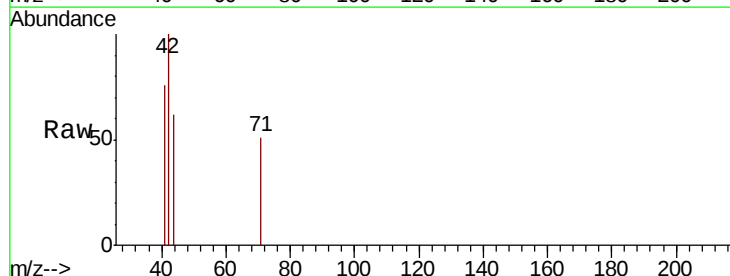
Instrument :
MSVOA_N
ClientSampled :

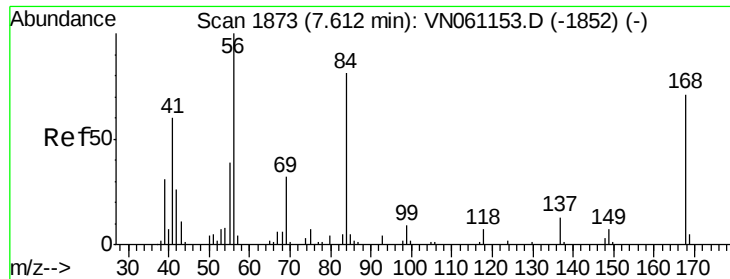
Tot Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#29
Tetrahydrofuran
Concen: 1.389 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion: 42 Resp: 770
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 29.5 44.3#

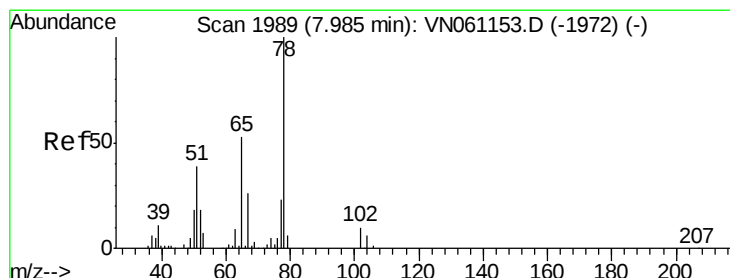
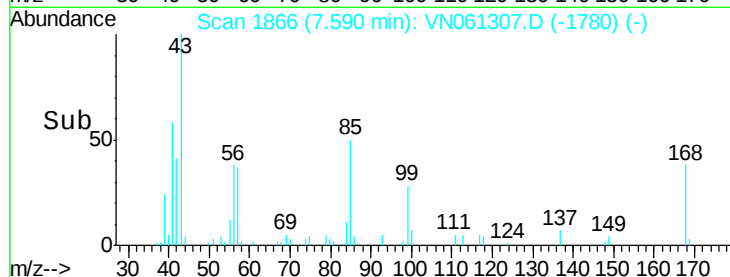
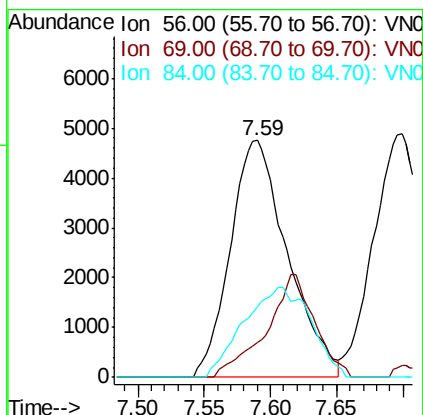
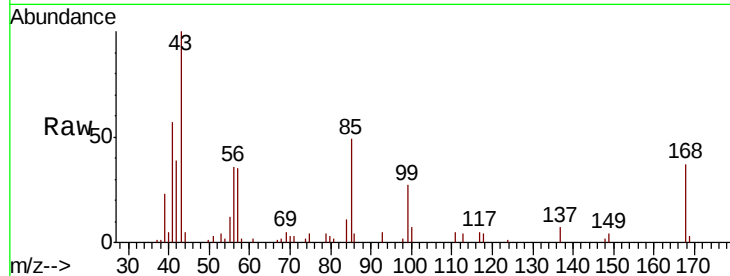




#31
Cyclohexane
Concen: 7.076 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.02 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

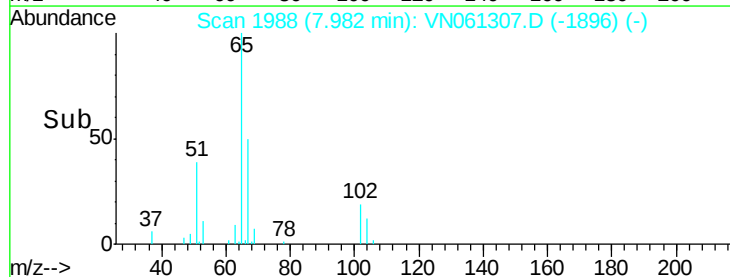
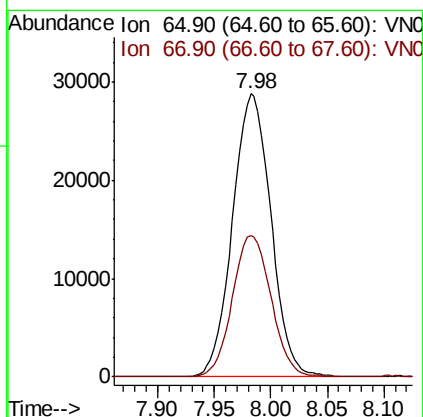
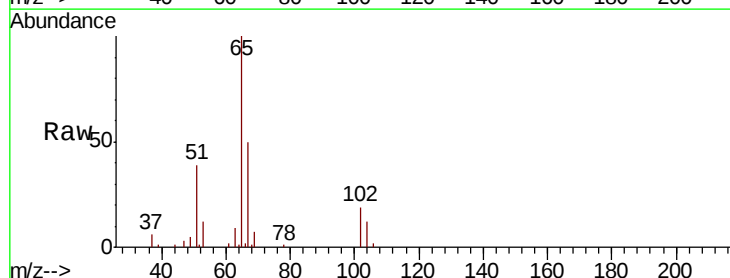
Instrument :
MSVOA_N
ClientSampled :

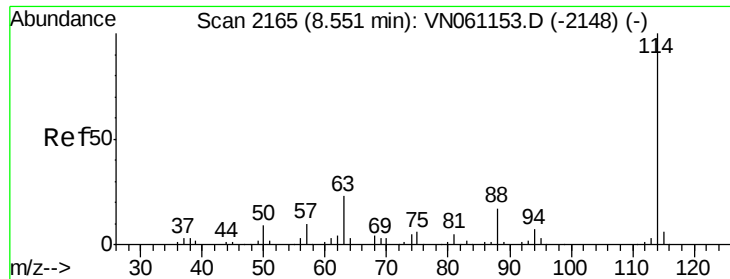
Tot Ion: 56 Resp: 14316
Ion Ratio Lower Upper
56 100
69 14.6 25.7 38.5#
84 30.0 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 49.028 ug/l
RT: 7.98 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion: 65 Resp: 68187
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6

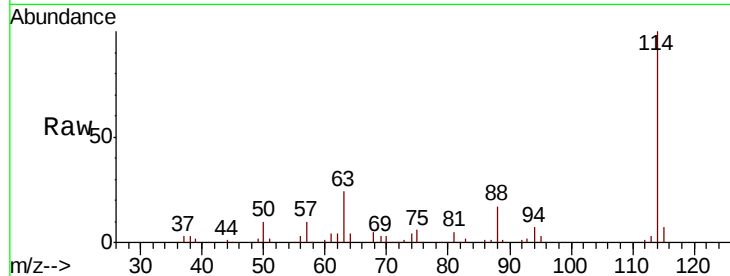




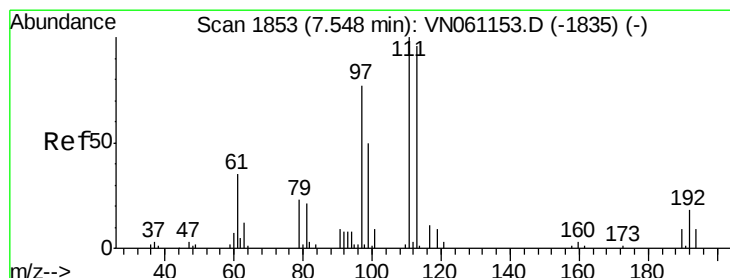
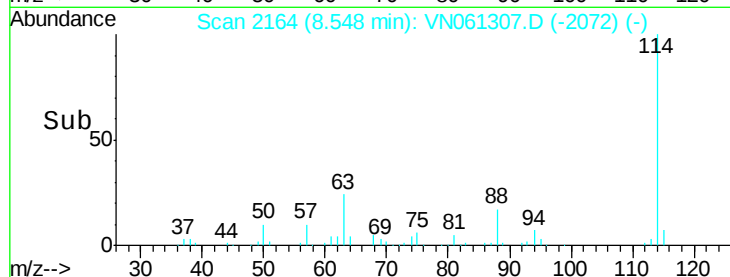
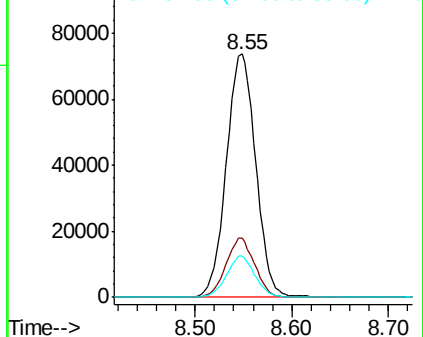
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 155635
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 17.0 0.0 33.4

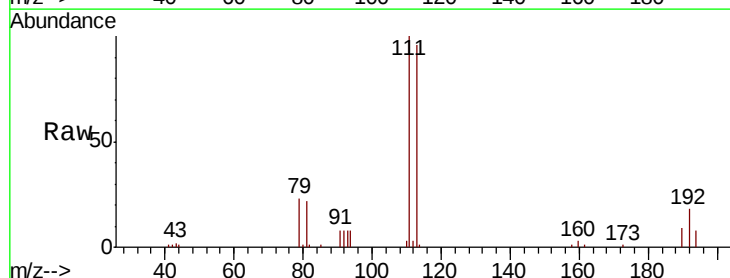


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

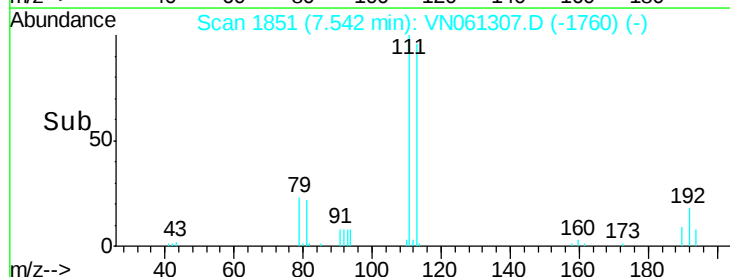
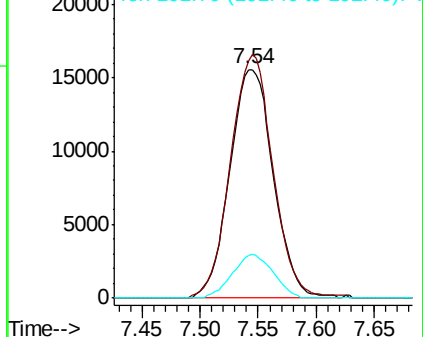


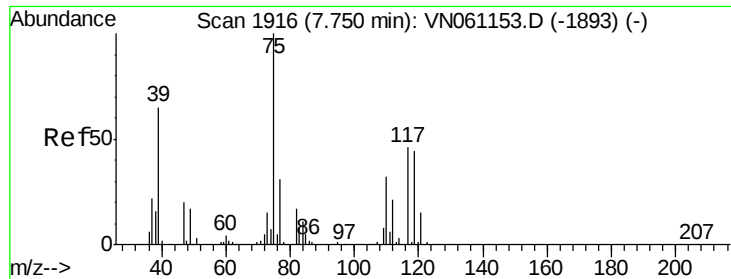
#35
 Dibromofluoromethane
 Concen: 44.071 ug/l
 RT: 7.54 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion:113 Resp: 40559
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 18.0 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

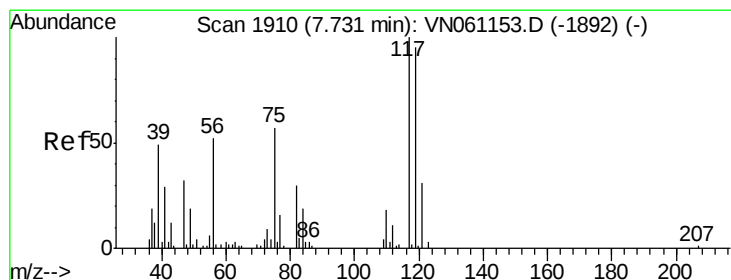
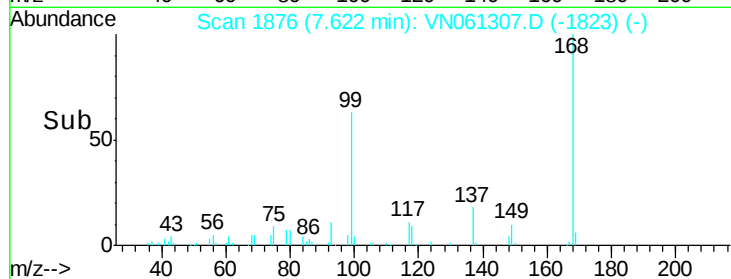
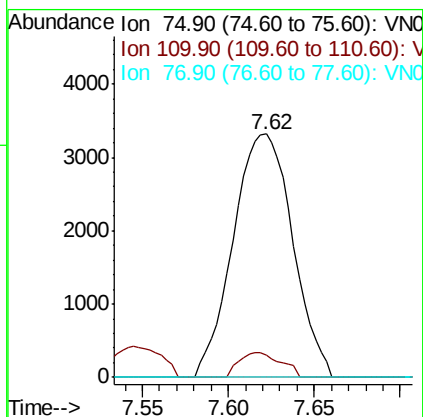
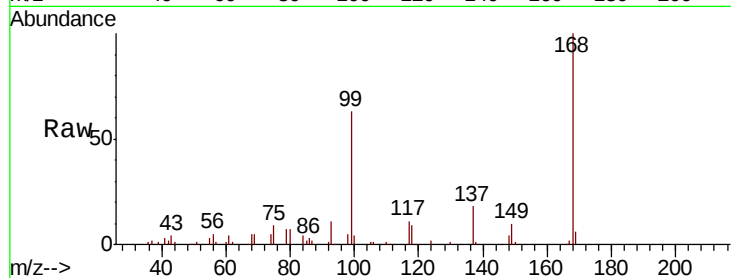




#36
 1,1-Dichloropropene
 Concen: 5.109 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.13 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

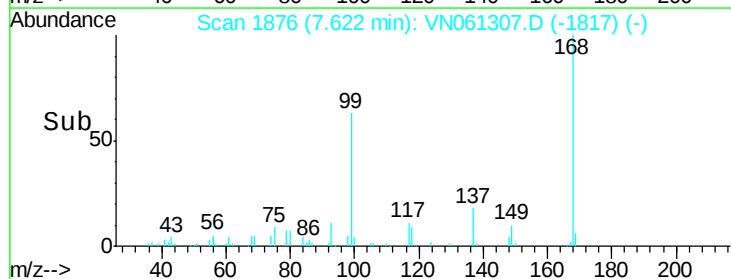
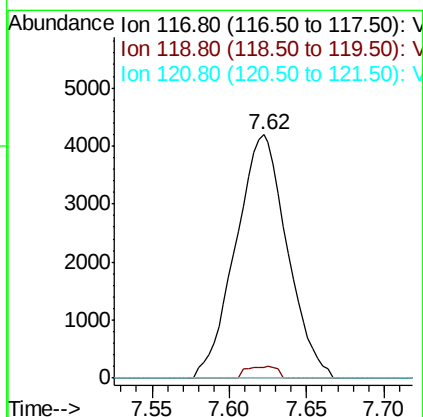
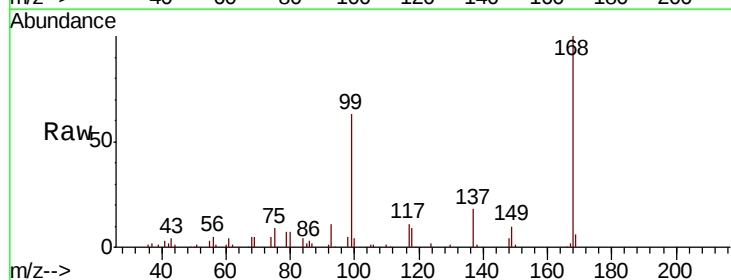
Instrument :
 MSVOA_N
 ClientSampled :

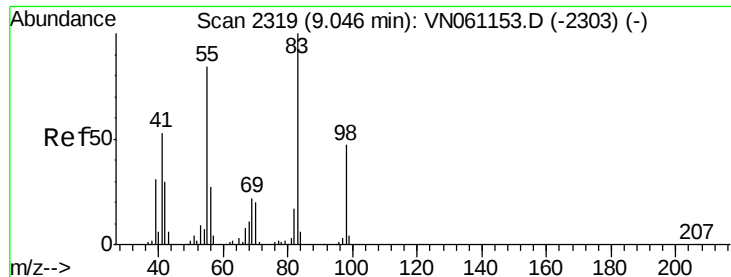
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 8.782 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.11 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.8	113.6#
121	0.0	24.7	37.1#

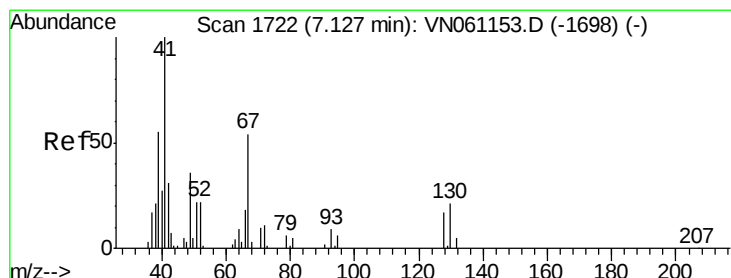
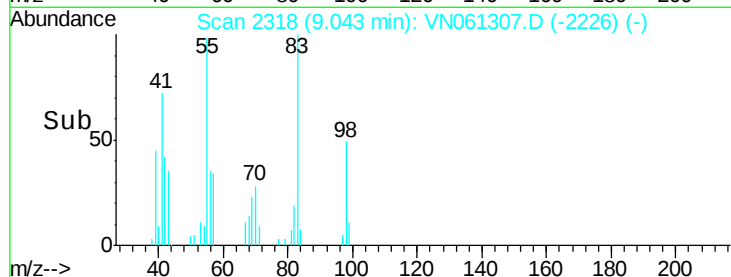
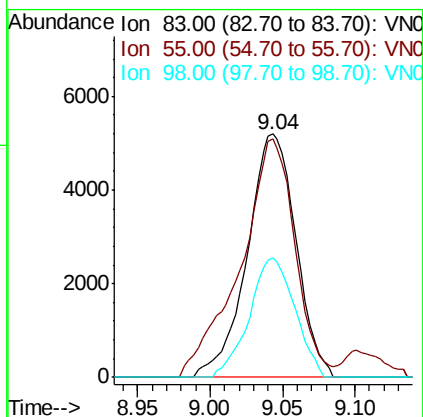
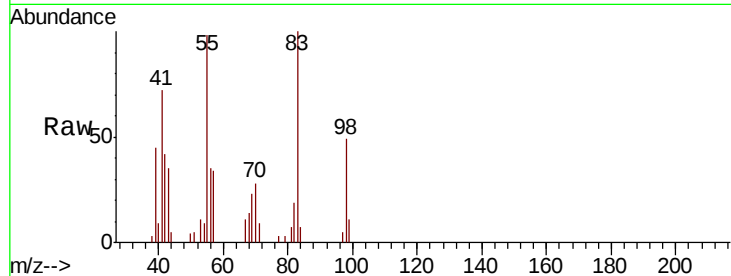




#39
Methylcyclohexane
Concen: 6.946 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

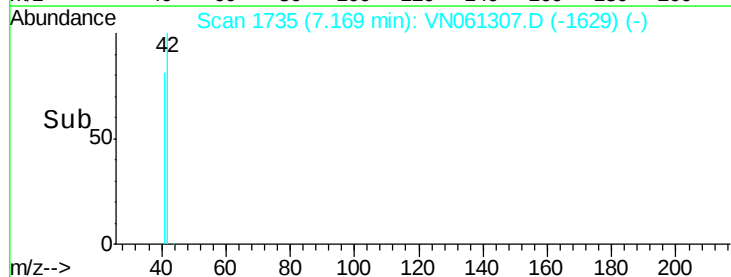
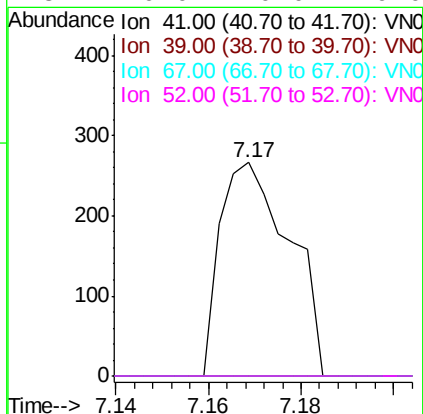
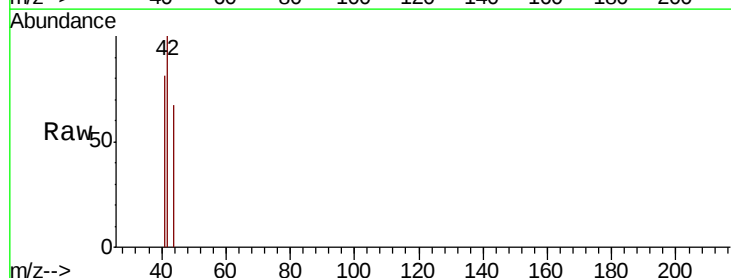
Instrument :
MSVOA_N
ClientSampleId :

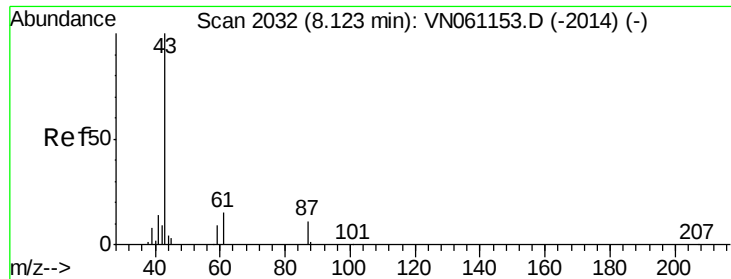
Tot Ion: 83 Resp: 12136
Ion Ratio Lower Upper
83 100
55 93.3 67.3 100.9
98 49.0 37.7 56.5



#41
Methacrylonitrile
Concen: 0.367 ug/l
RT: 7.17 min Scan# 1735
Delta R.T. 0.04 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion: 41 Resp: 278
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 2.702 ug/l

RT: 8.10 min Scan# 2026

Delta R.T. -0.02 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

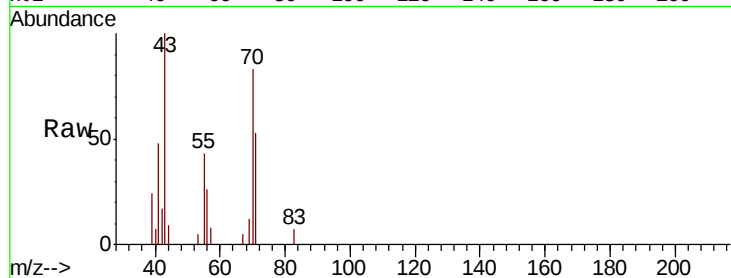
Tot Ion: 43 Resp: 8190

Ion Ratio Lower Upper

43 100

61 0.0 19.5 29.3#

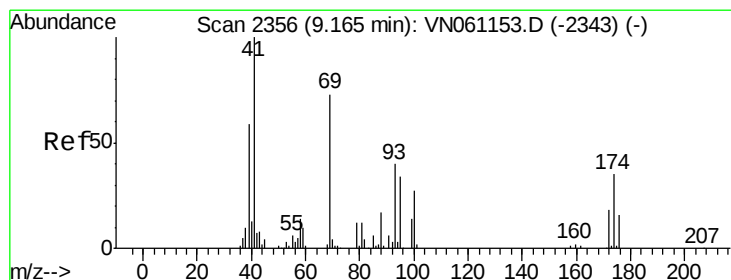
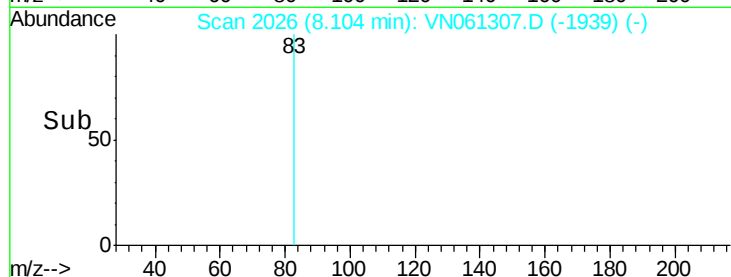
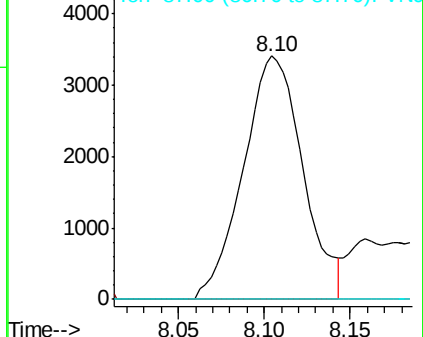
87 0.0 8.9 13.3#



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



#48

Methyl methacrylate

Concen: 0.260 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. 0.02 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

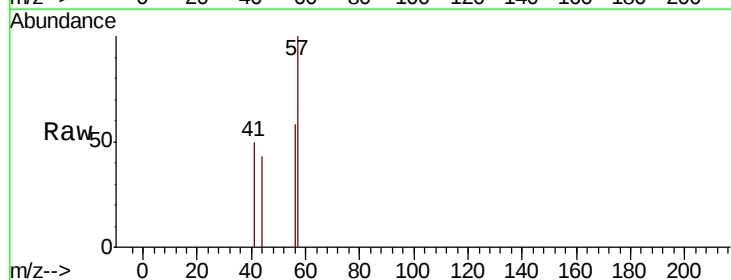
Tgt Ion: 41 Resp: 355

Ion Ratio Lower Upper

41 100

69 0.0 60.3 90.5#

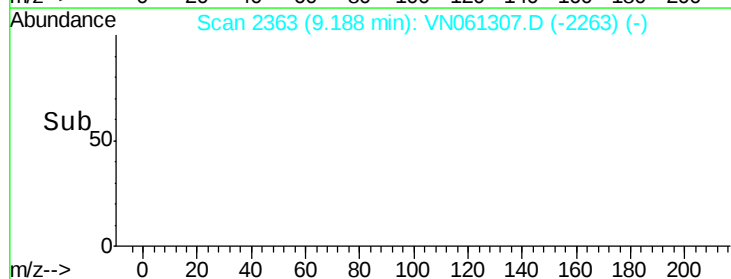
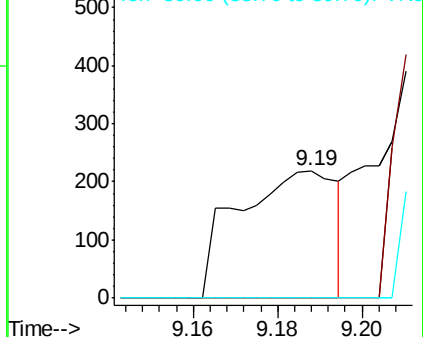
39 0.0 47.4 71.0#

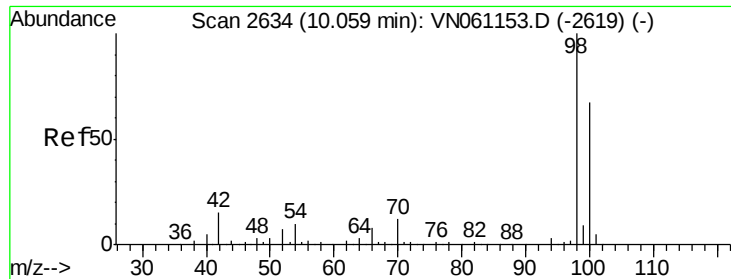


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 50.880 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

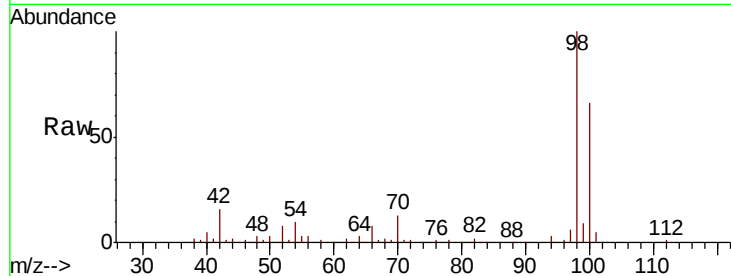
ClientSampled :

Tot Ion: 98 Resp: 190884

Ion Ratio Lower Upper

98 100

100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

10.06

120000

100000

80000

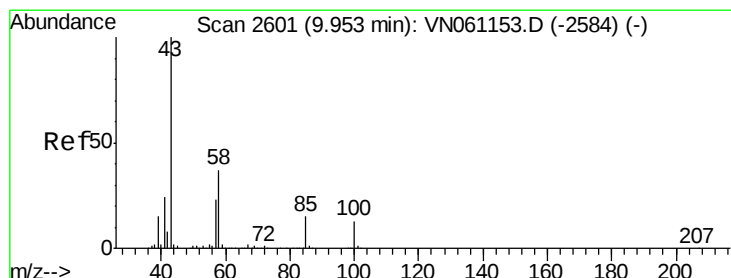
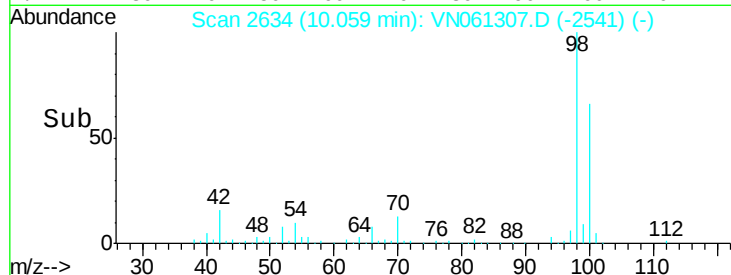
60000

40000

20000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.966 ug/l

RT: 10.06 min Scan# 2633

Delta R.T. 0.10 min

Lab File: VN061307.D

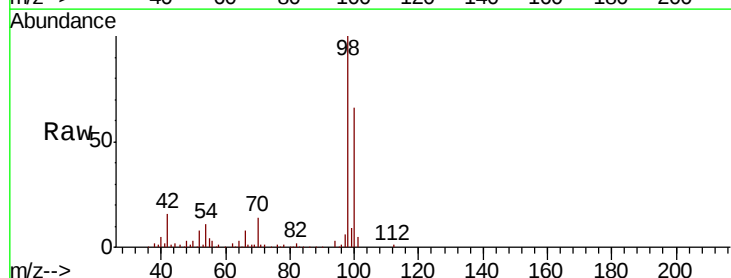
Acq: 6 May 2020 14:17

Tgt Ion: 43 Resp: 1723

Ion Ratio Lower Upper

43 100

58 103.5 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

8000

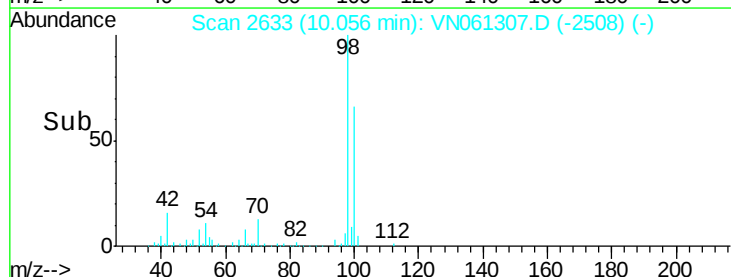
6000

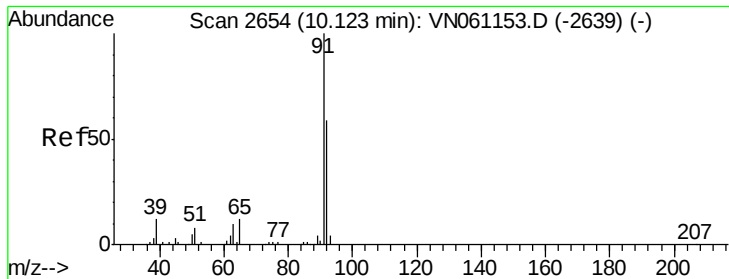
4000

2000

0

Time-->





#52

Toluene

Concen: 398.130 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

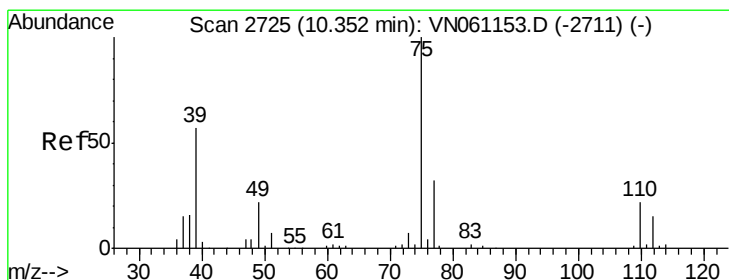
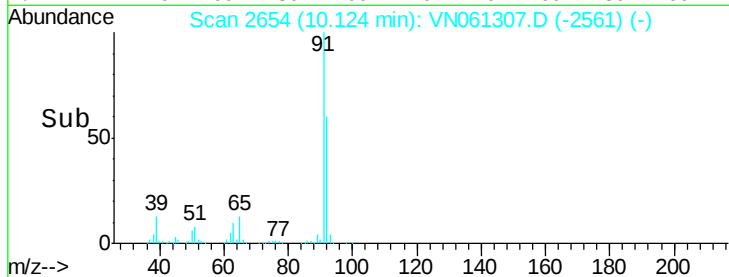
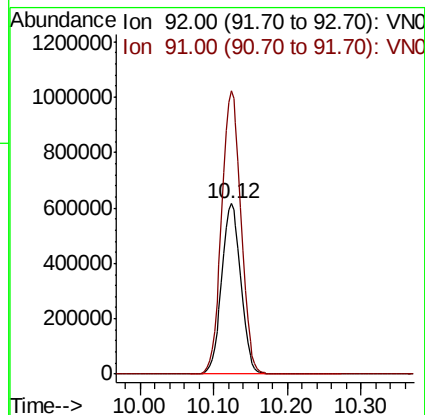
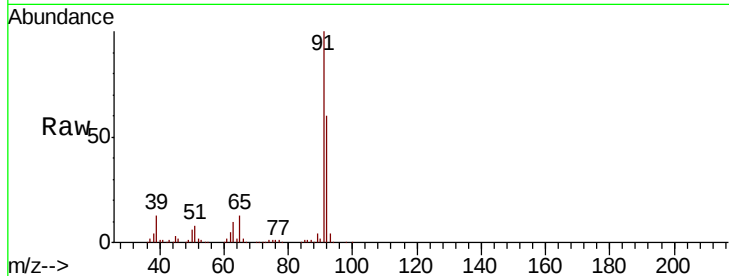
ClientSampled :

Tot Ion: 92 Resp: 1113083

Ion Ratio Lower Upper

92 100

91 167.8 136.2 204.2



#53

t-1,3-Dichloropropene

Concen: 7.213 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. -0.23 min

Lab File: VN061307.D

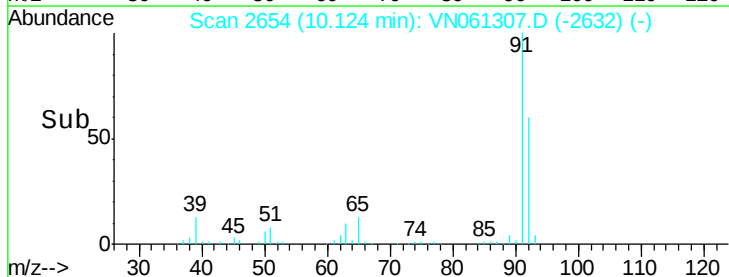
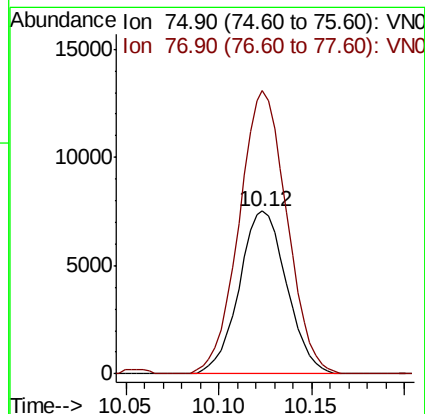
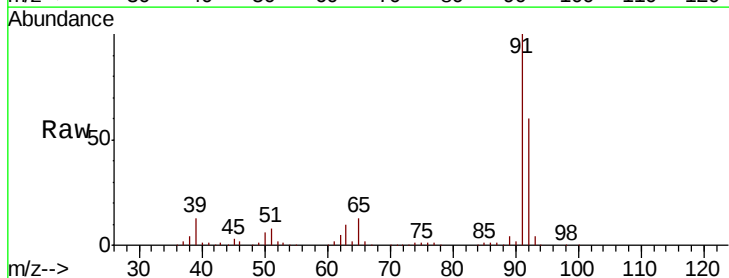
Acq: 6 May 2020 14:17

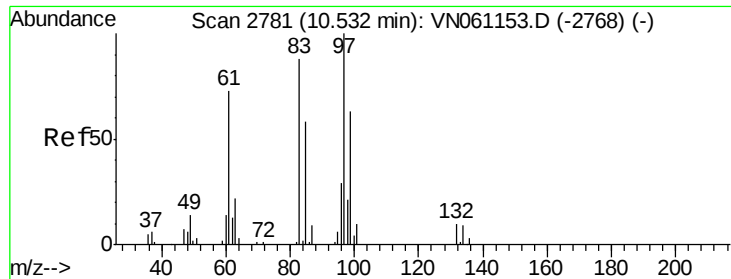
Tgt Ion: 75 Resp: 13394

Ion Ratio Lower Upper

75 100

77 173.9 25.5 38.3#

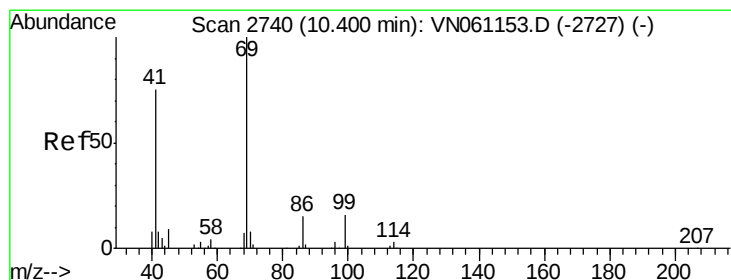
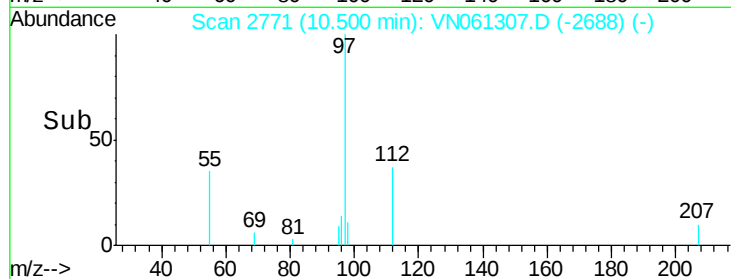
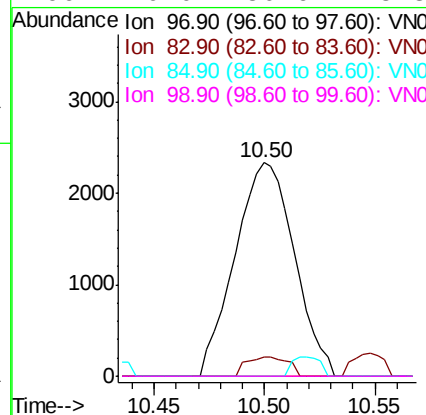
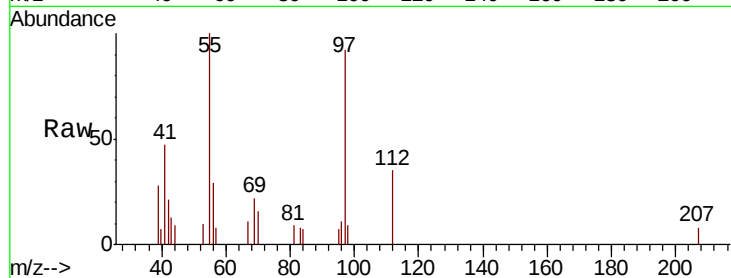




#55
 1,1,2-Trichloroethane
 Concen: 3.913 ug/l
 RT: 10.50 min Scan# 2771
 Delta R.T. -0.03 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

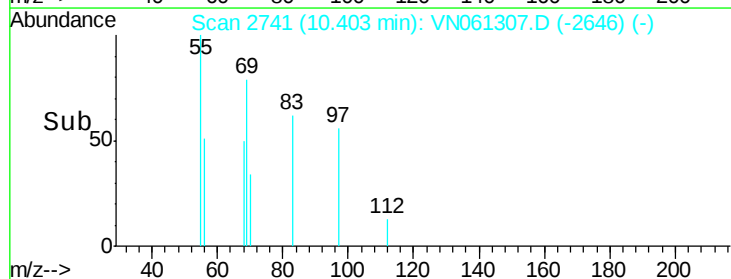
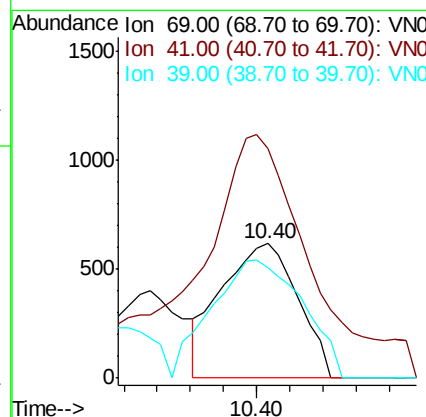
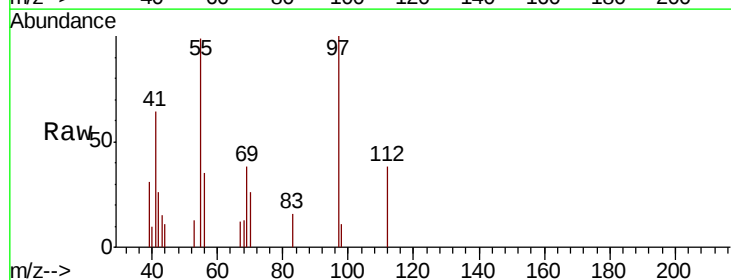
Instrument :
 MSVOA_N
 ClientSampleId :

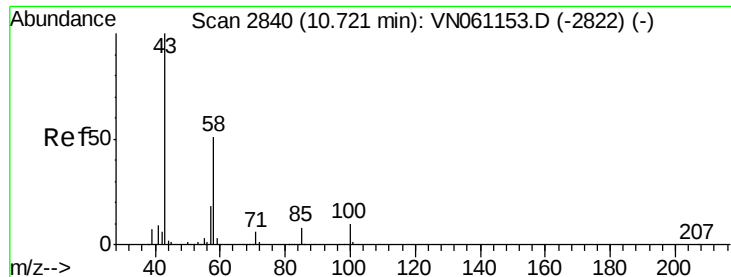
Tot Ion: 97 Resp: 4364
 Ion Ratio Lower Upper
 97 100
 83 8.9 70.6 106.0#
 85 0.0 46.4 69.6#
 99 0.0 50.6 75.8#



#56
 Ethyl methacrylate
 Concen: 3.208 ug/l
 RT: 10.40 min Scan# 2741
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion: 69 Resp: 989
 Ion Ratio Lower Upper
 69 100
 41 288.1 60.3 90.5#
 39 0.0 35.9 53.9#

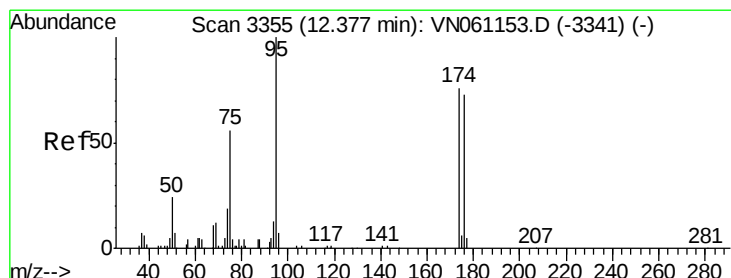
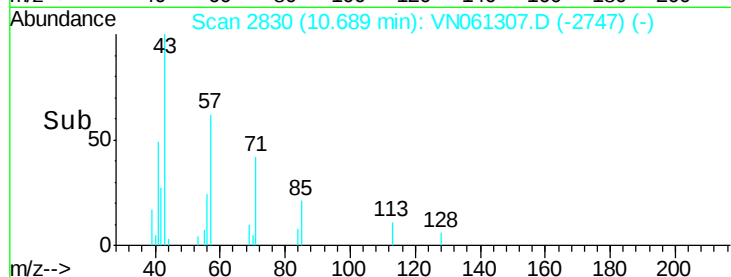
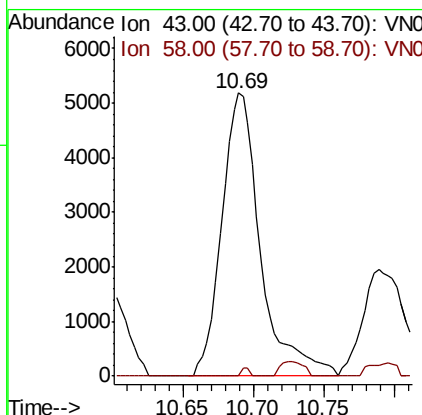
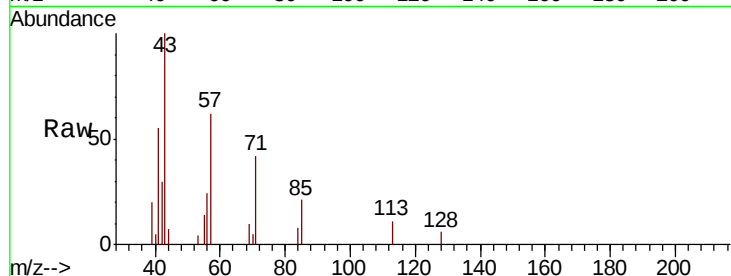




#59
2-Hexanone
Concen: 7.638 ug/l
RT: 10.69 min Scan# 2830
Delta R.T. -0.03 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

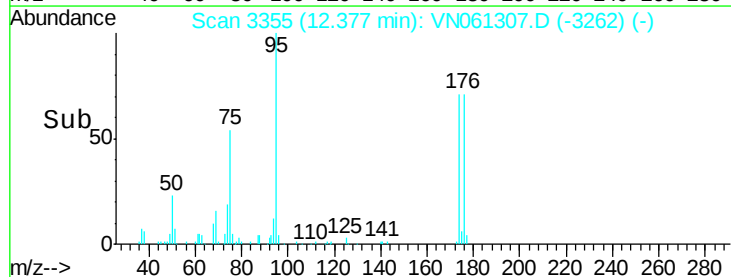
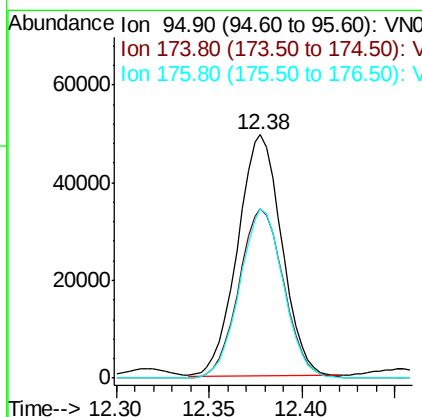
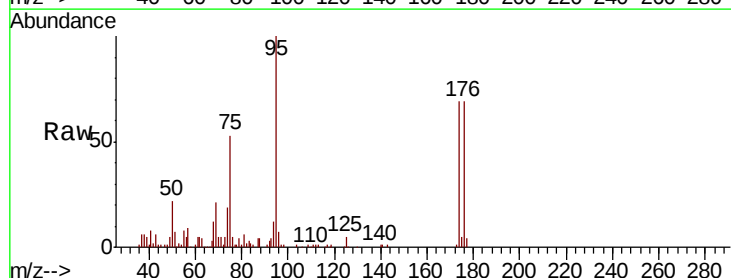
Instrument :
MSVOA_N
ClientSampleId :

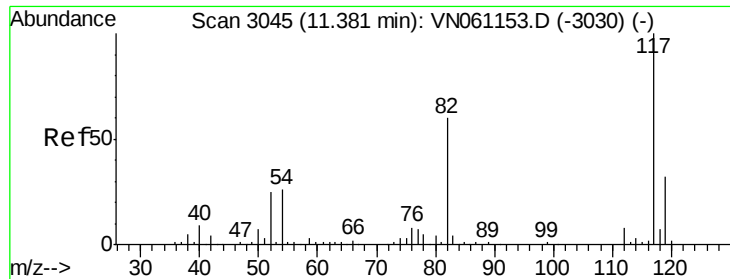
Tot Ion: 43 Resp: 9915
Ion Ratio Lower Upper
43 100
58 0.6 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 57.792 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion: 95 Resp: 81591
Ion Ratio Lower Upper
95 100
174 71.6 0.0 149.4
176 69.7 0.0 144.8

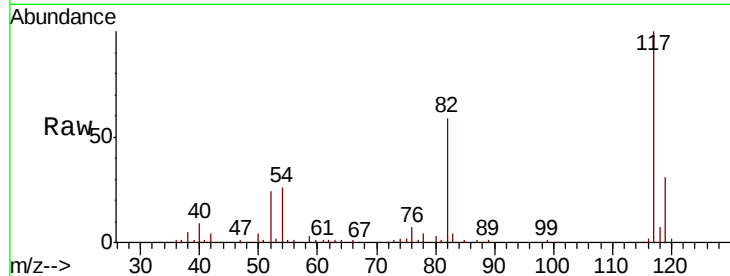




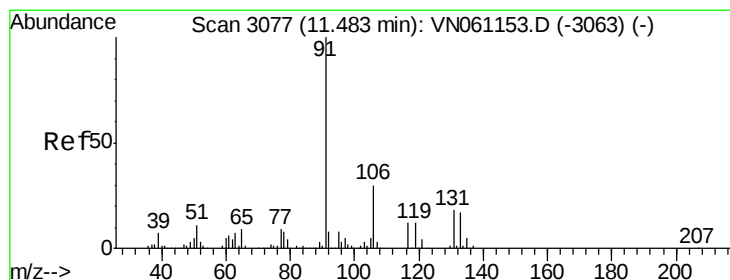
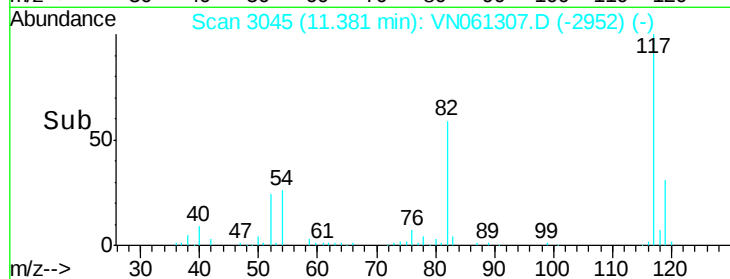
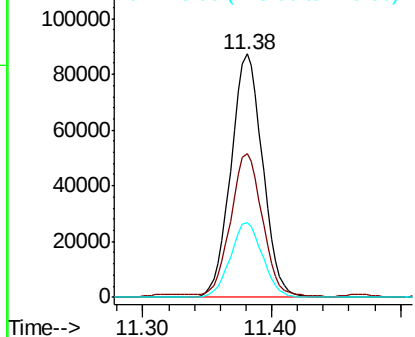
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 149025
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 30.8 25.8 38.6

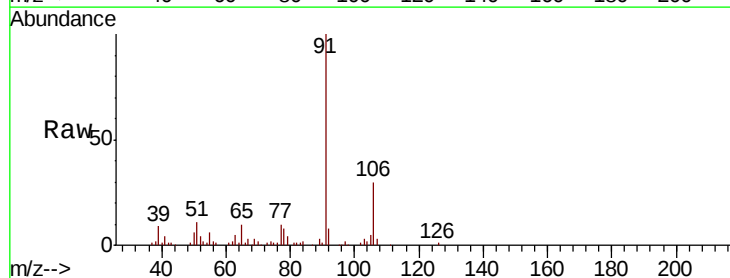


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

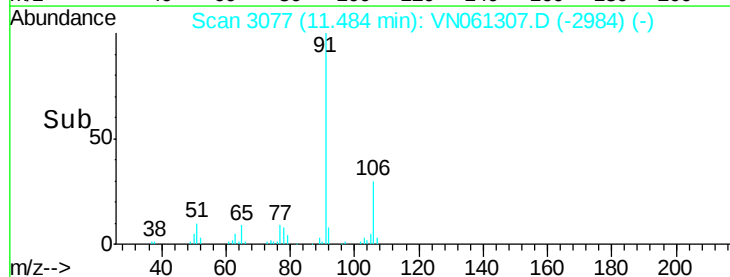
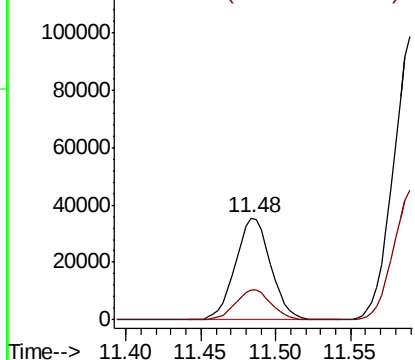


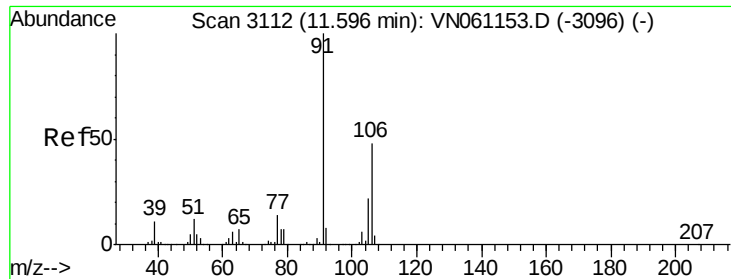
#67
Ethyl Benzene
Concen: 10.544 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion: 91 Resp: 58351
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

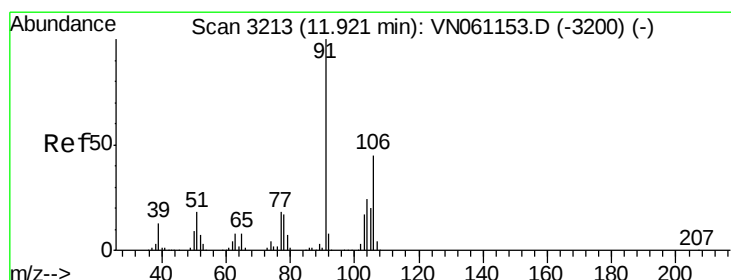
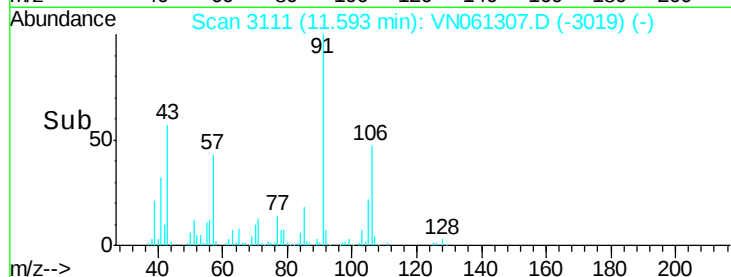
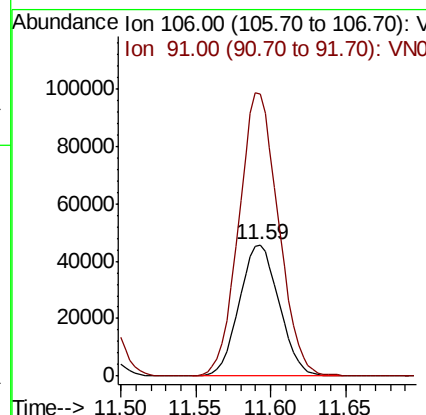
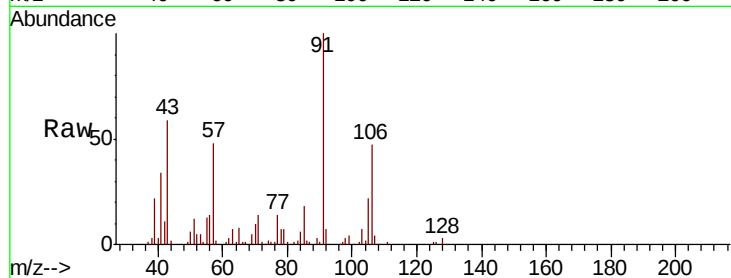




#68
m/p-Xylenes
Concen: 41.838 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

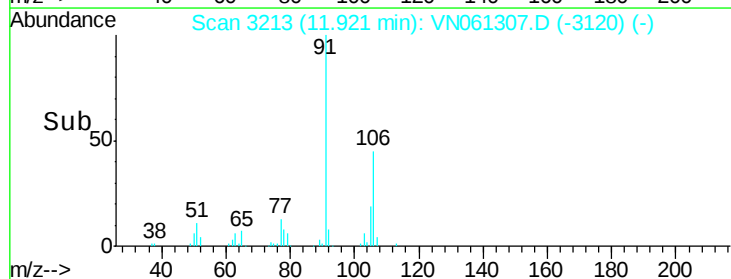
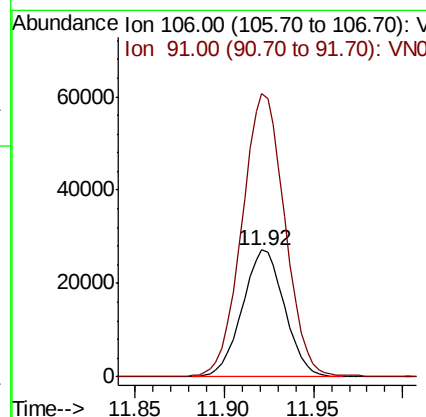
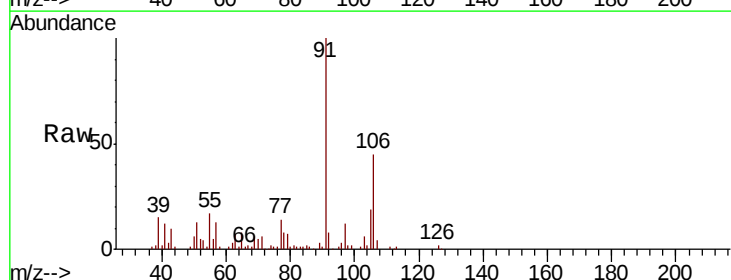
Instrument :
MSVOA_N
ClientSampleId :

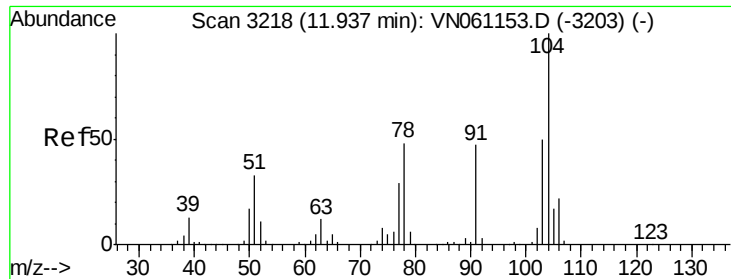
Tot Ion:106 Resp: 84746
Ion Ratio Lower Upper
106 100
91 214.6 166.4 249.6



#69
o-Xylene
Concen: 23.147 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion:106 Resp: 45036
Ion Ratio Lower Upper
106 100
91 227.0 109.7 329.0

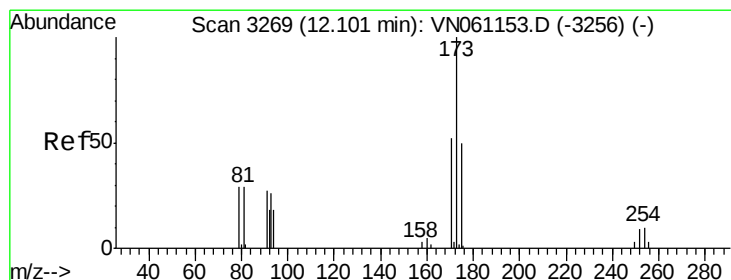
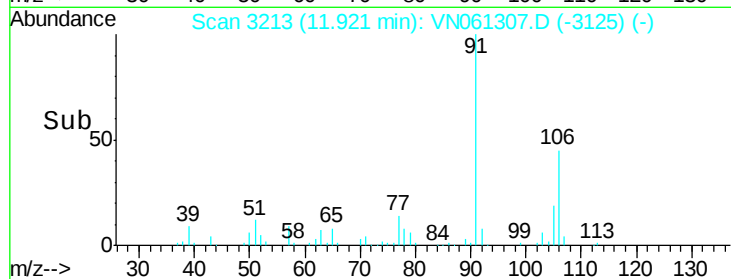
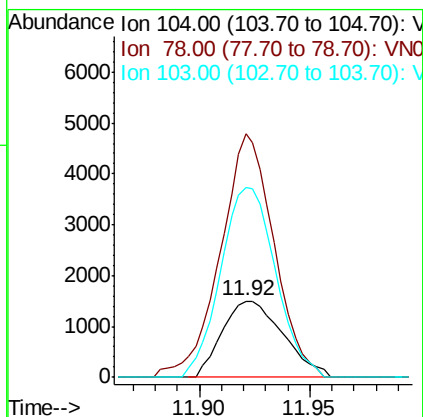
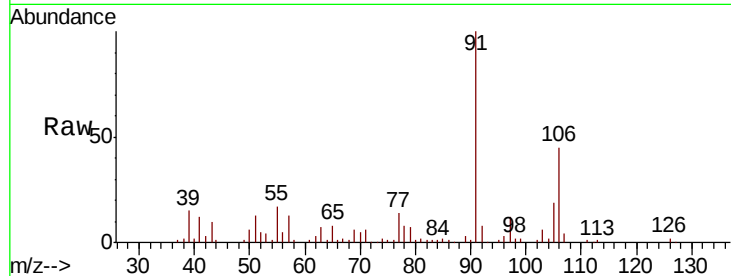




#70
Stvrene
Concen: 0.878 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. -0.02 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

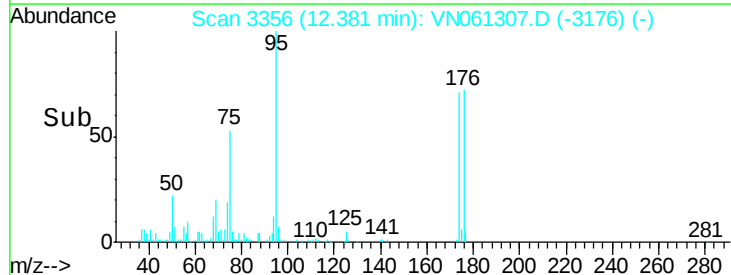
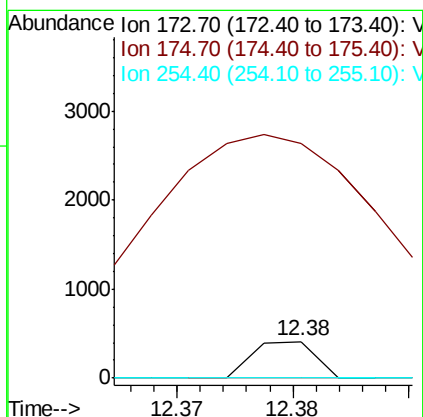
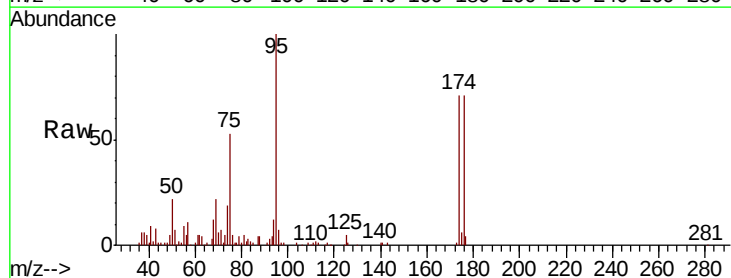
Instrument :
MSVOA_N
ClientSampled :

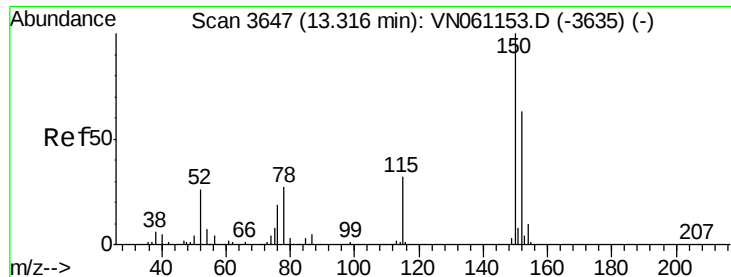
Tot Ion:104 Resp: 2860
Ion Ratio Lower Upper
104 100
78 281.0 42.1 63.1#
103 226.1 43.3 64.9#



#71
Bromoform
Concen: 0.201 ug/l
RT: 12.38 min Scan# 3356
Delta R.T. 0.28 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion:173 Resp: 156
Ion Ratio Lower Upper
173 100
175 2421.8 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

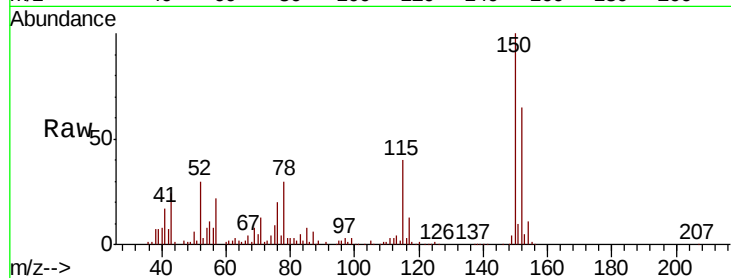
Tot Ion:152 Resp: 82597

Ion Ratio Lower Upper

152 100

115 70.8 31.0 93.0

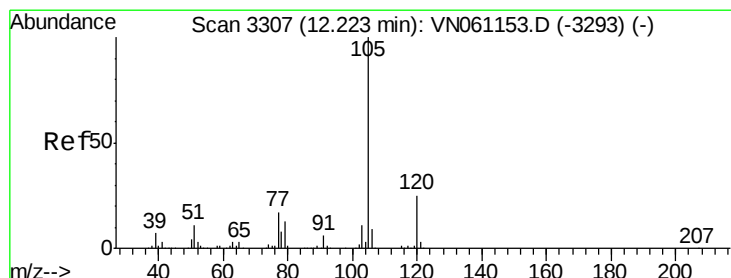
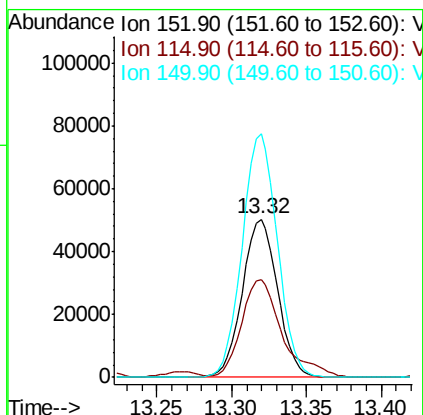
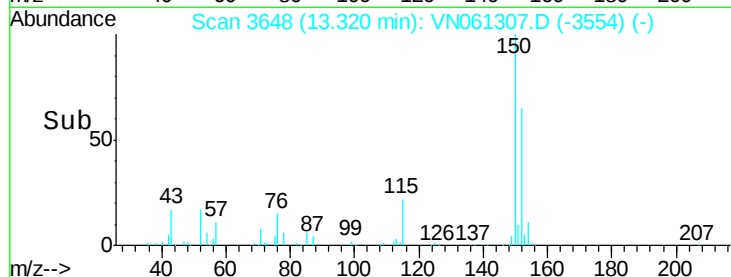
150 153.6 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 5.240 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061307.D

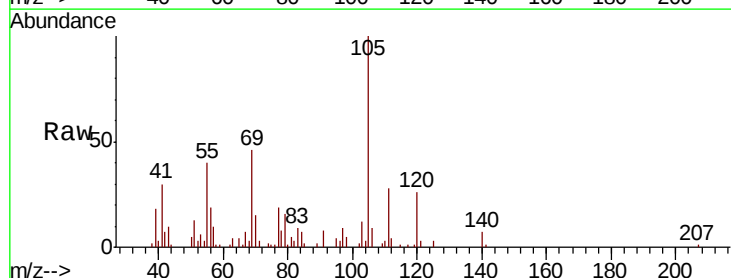
Acq: 6 May 2020 14:17

Tgt Ion:105 Resp: 31815

Ion Ratio Lower Upper

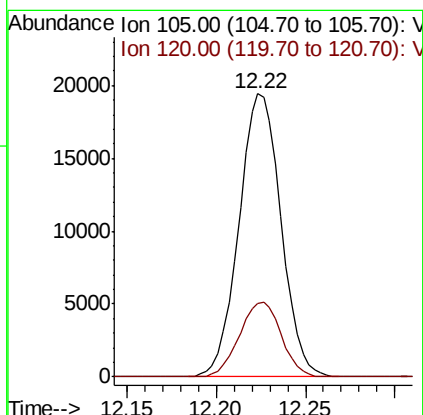
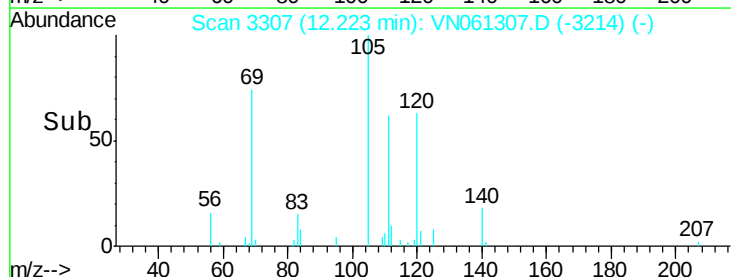
105 100

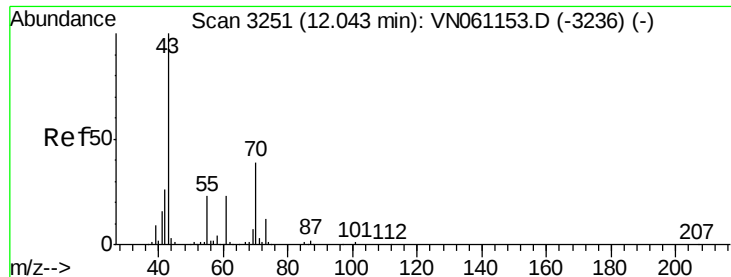
120 26.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 11.524 ug/l

RT: 12.02 min Scan# 3244

Delta R.T. -0.02 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 35434

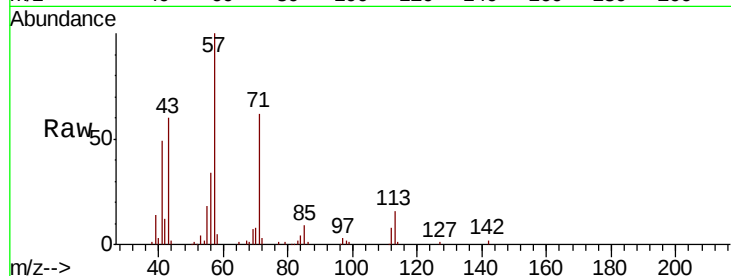
Ion Ratio Lower Upper

43 100

70 11.4 30.6 46.0#

55 16.2 18.5 27.7#

61 0.0 17.9 26.9#

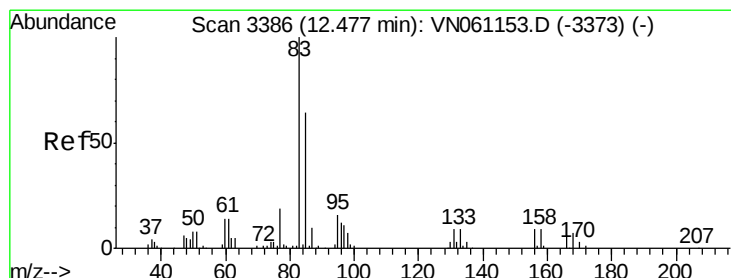
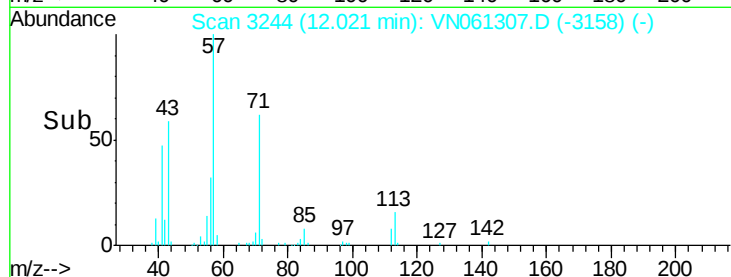
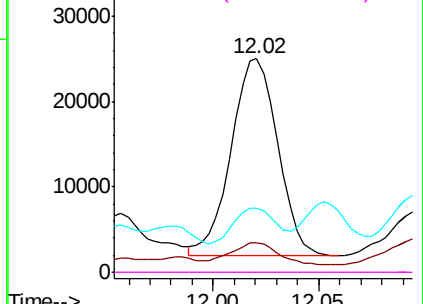


Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-3236) (-)

Ion 70.00 (69.70 to 70.70): VN061153.D (-3236) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-3236) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-3236) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: 1.655 ug/l

RT: 12.43 min Scan# 3370

Delta R.T. -0.05 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

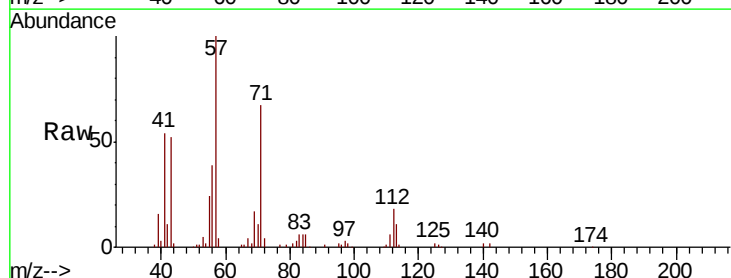
Tgt Ion: 83 Resp: 3134

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

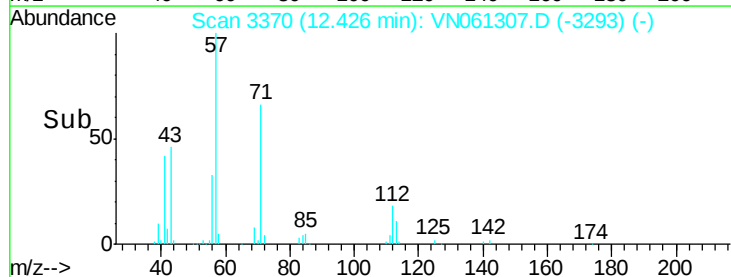
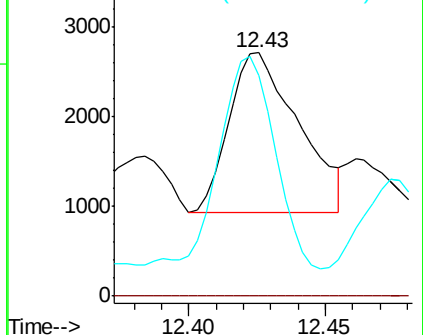
85 104.7 32.0 96.0#

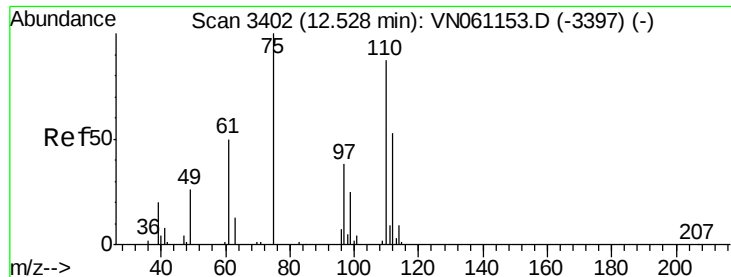


Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)





#76

1,2,3-Trichloropropane

Concen: 2.077 ug/l

RT: 12.63 min Scan# 3434

Delta R.T. 0.10 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

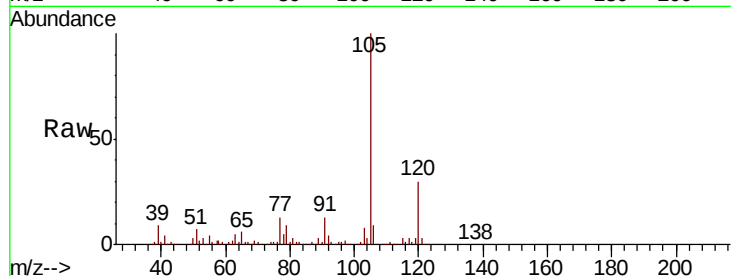
ClientSampleId :

Tot Ion: 75 Resp: 3617

Ion Ratio Lower Upper

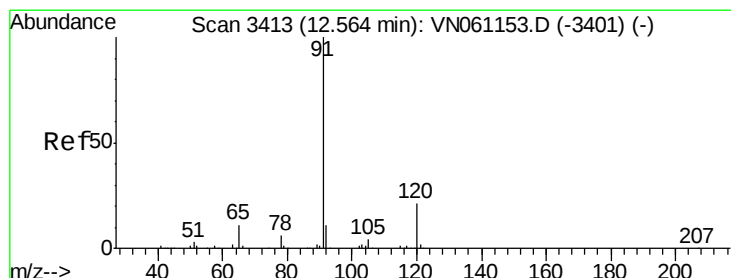
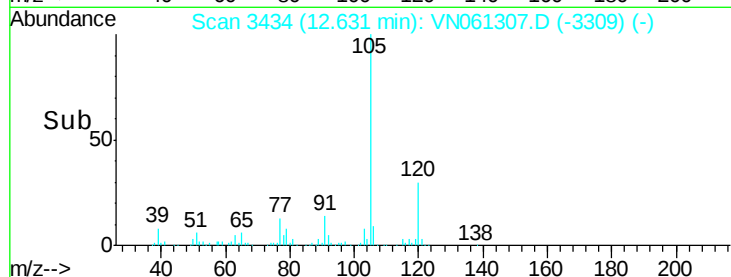
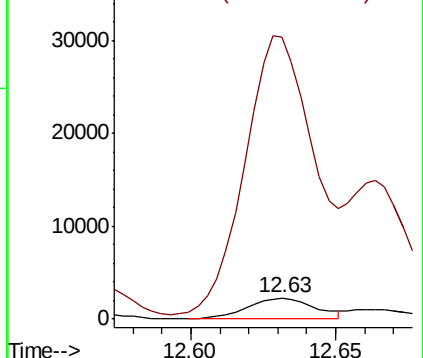
75 100

77 1375.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061307.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061307.D (-3309) (-)



#78

n-propylbenzene

Concen: 21.943 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061307.D

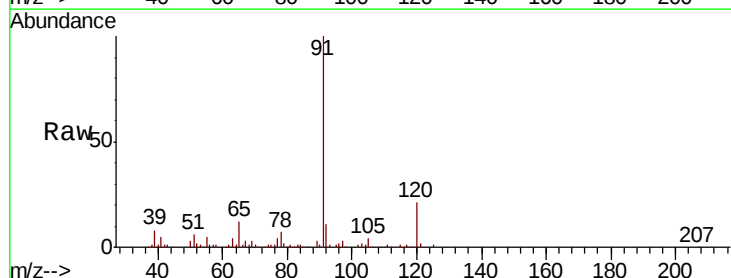
Acq: 6 May 2020 14:17

Tgt Ion: 91 Resp: 158039

Ion Ratio Lower Upper

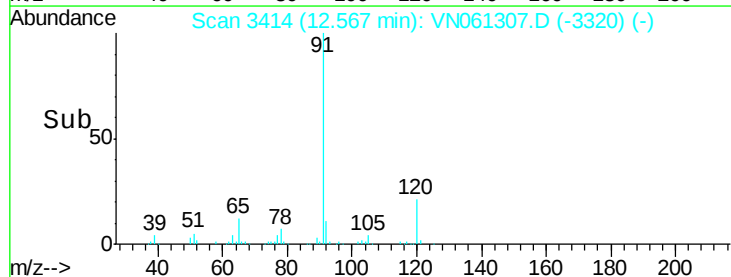
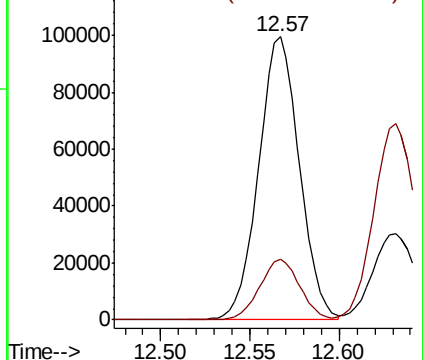
91 100

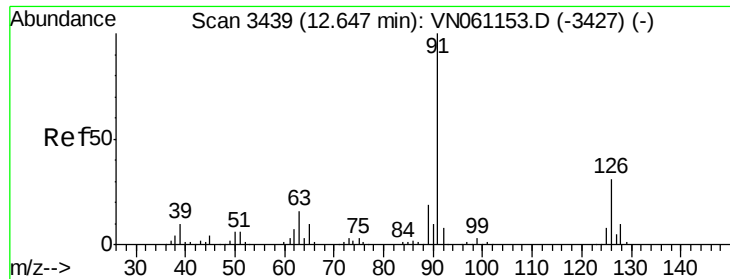
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN061307.D (-3320) (-)

Ion 120.00 (119.70 to 120.70): VN061307.D (-3320) (-)

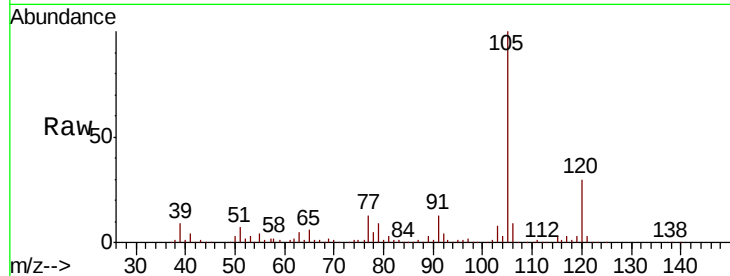




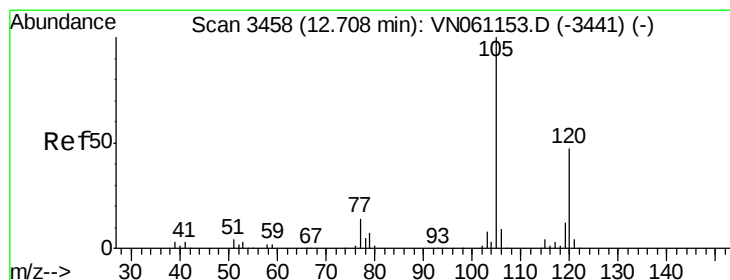
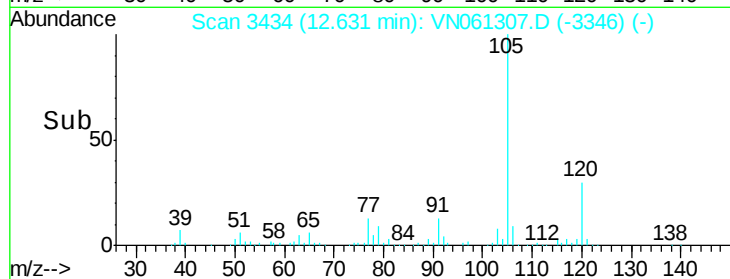
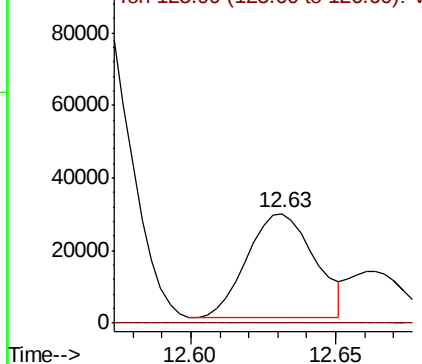
#79
 2-Chlorotoluene
 Concen: 10.876 ug/l
 RT: 12.63 min Scan# 3434
 Delta R.T. -0.02 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 46042
 Ion Ratio Lower Upper
 91 100
 126 0.2 15.9 47.7#

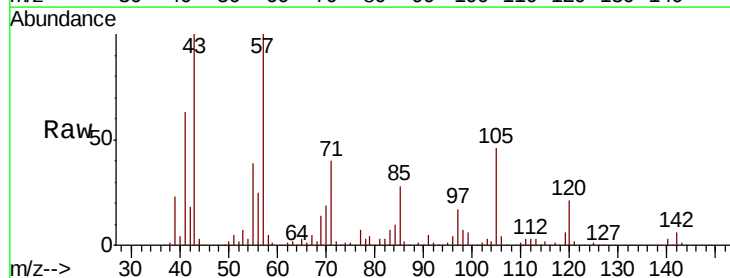


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

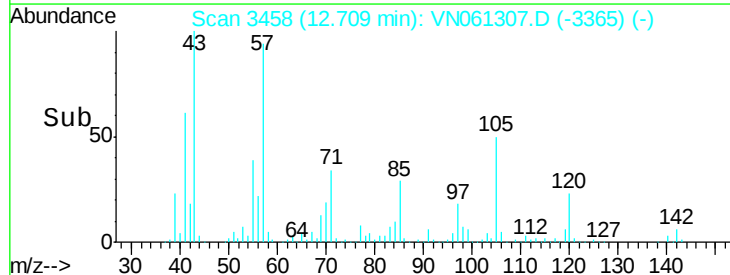
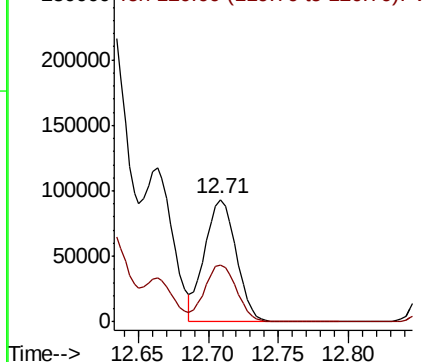


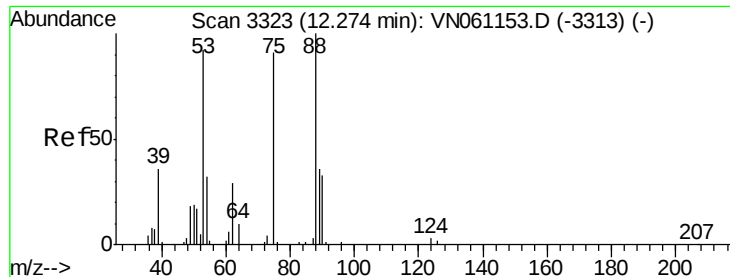
#80
 1,3,5-Trimethylbenzene
 Concen: 29.013 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion: 105 Resp: 145810
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)
 Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)

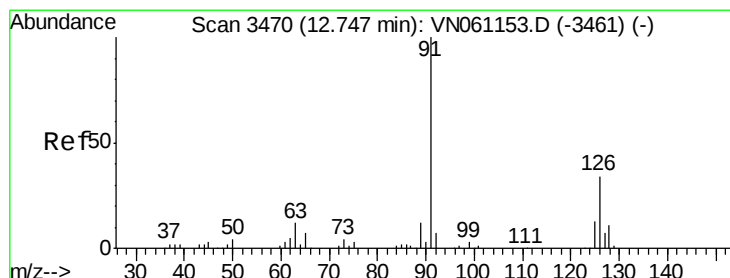
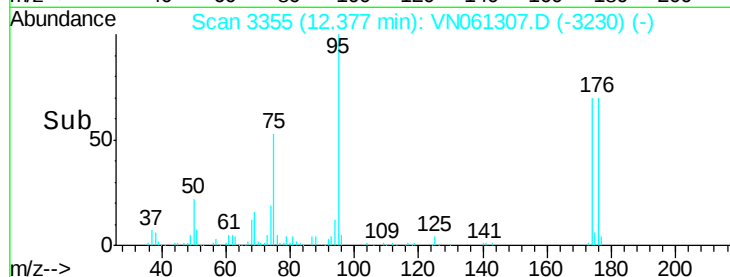
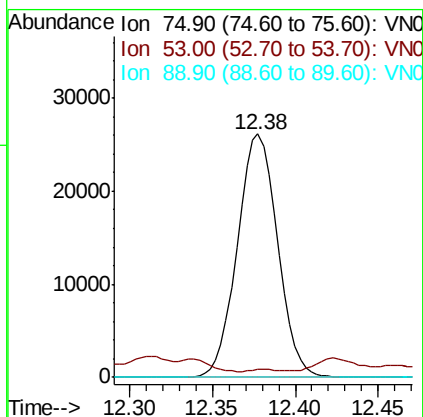
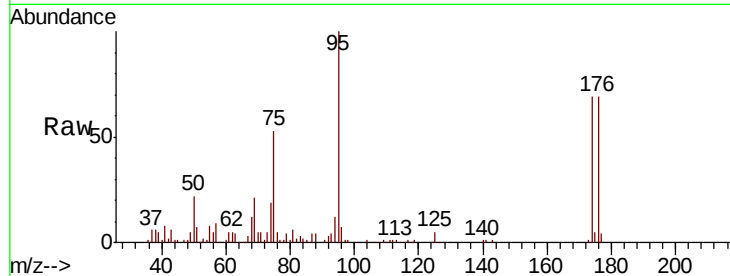




#81
trans-1,4-Dichloro-2-butene
Concen: 64.490 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.10 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

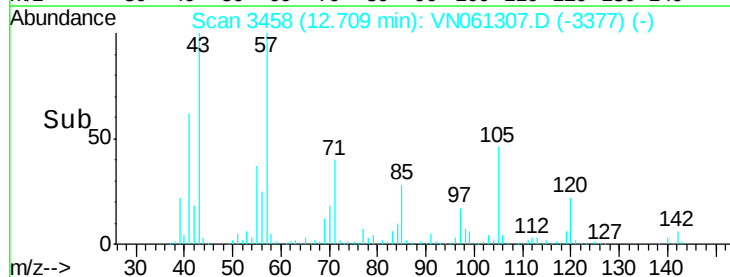
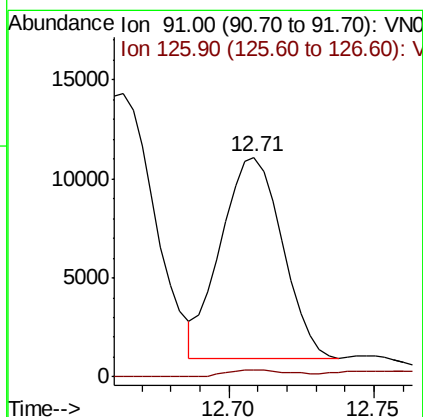
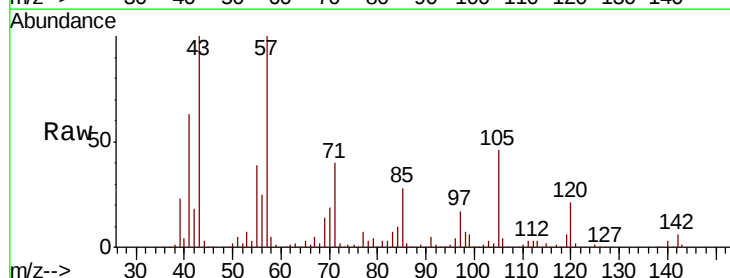
Instrument :
MSVOA_N
ClientSampled :

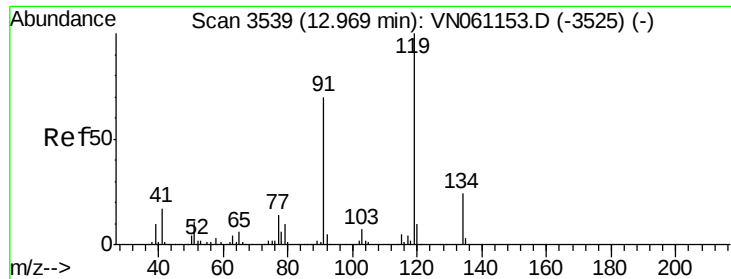
Tot Ion: 75 Resp: 44222
Ion Ratio Lower Upper
75 100
53 0.0 84.1 126.1#
89 0.0 35.2 52.8#



#82
4-Chlorotoluene
Concen: 3.372 ug/l
RT: 12.71 min Scan# 3458
Delta R.T. -0.04 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion: 91 Resp: 15044
Ion Ratio Lower Upper
91 100
126 3.7 15.7 47.1#

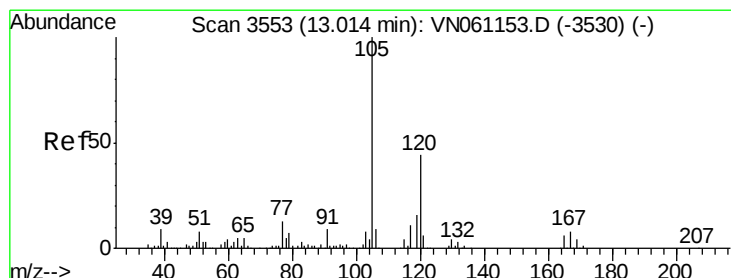
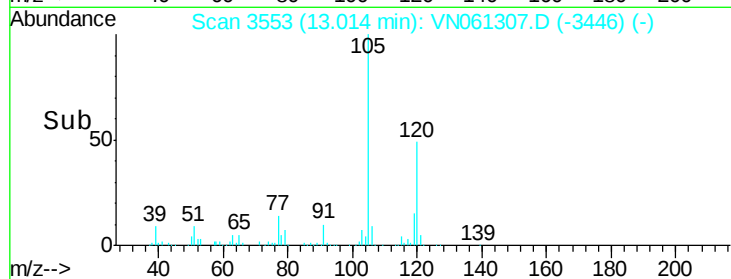
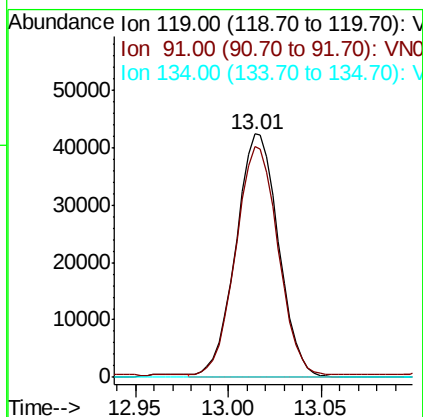
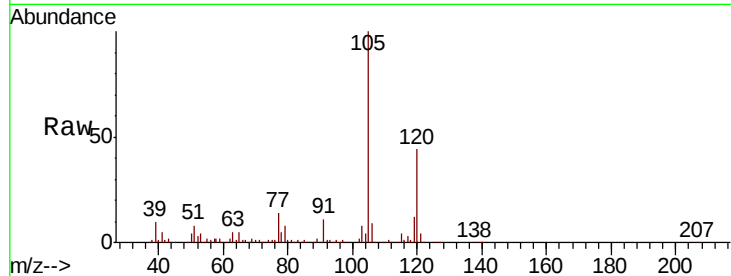




#83
 tert-Butylbenzene
 Concen: 16.057 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.05 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

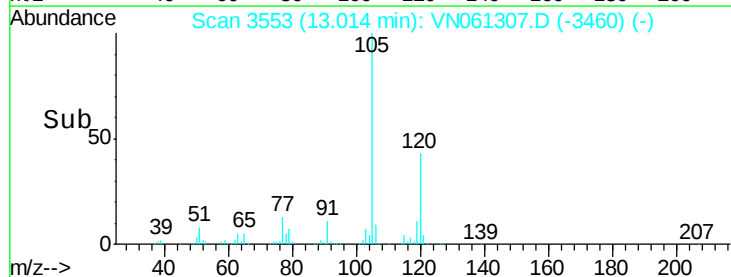
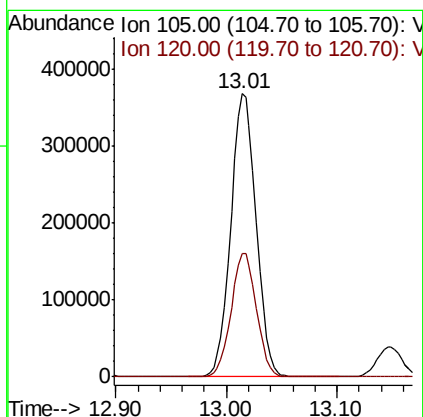
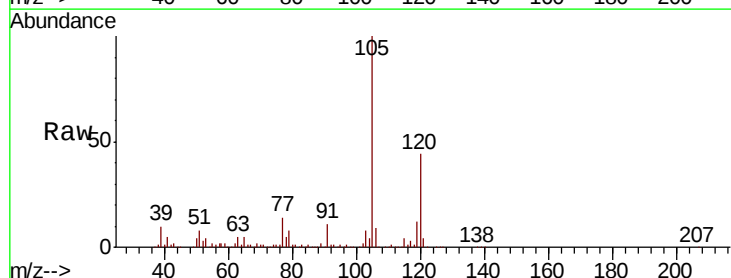
Instrument :
 MSVOA_N
 ClientSampled :

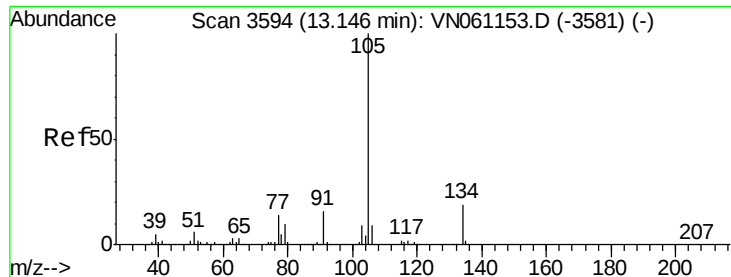
Tot Ion:119 Resp: 68045
 Ion Ratio Lower Upper
 119 100
 91 92.3 34.8 104.4
 134 0.0 12.9 38.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 113.084 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion:105 Resp: 585522
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 10.843 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

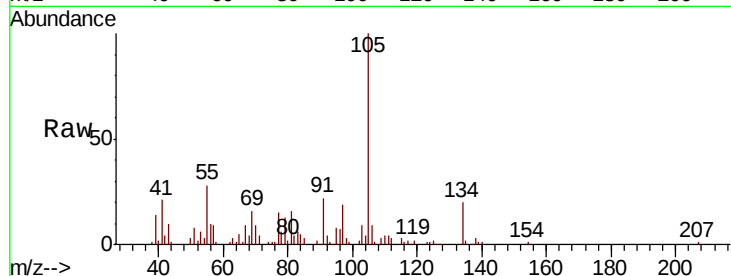
ClientSampleId :

Tot Ion:105 Resp: 62648

Ion Ratio Lower Upper

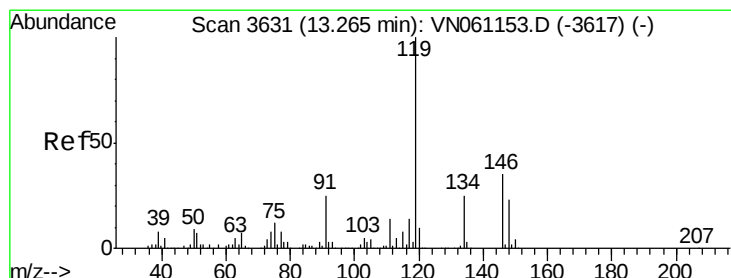
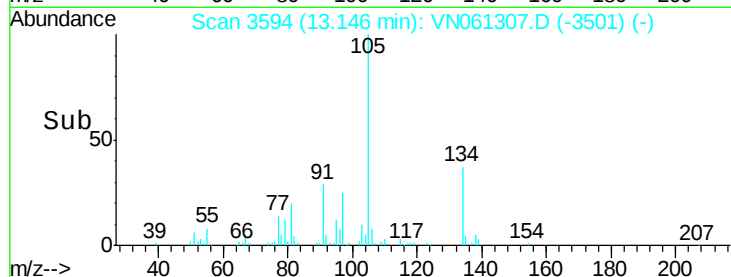
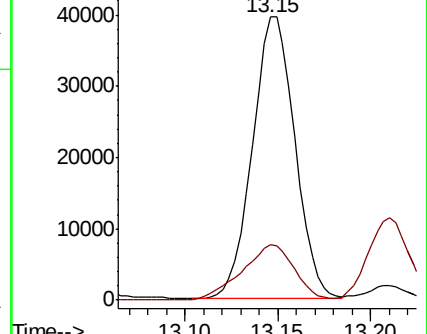
105 100

134 24.4 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: 6.904 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

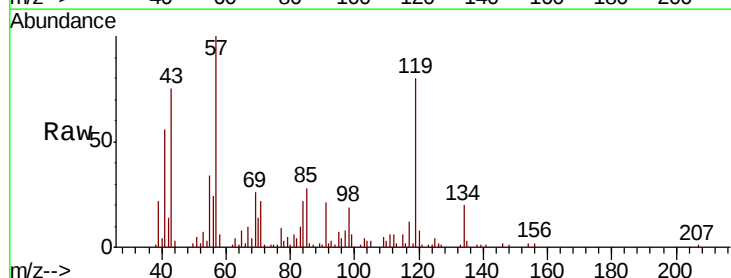
Tgt Ion:119 Resp: 35936

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

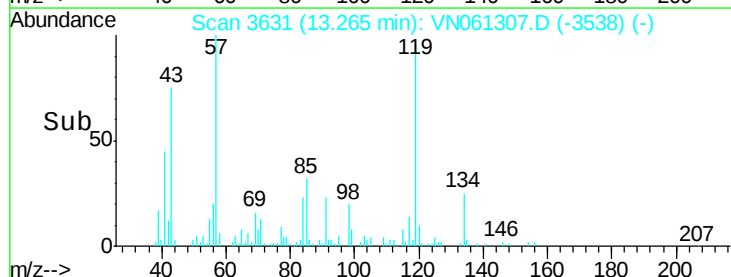
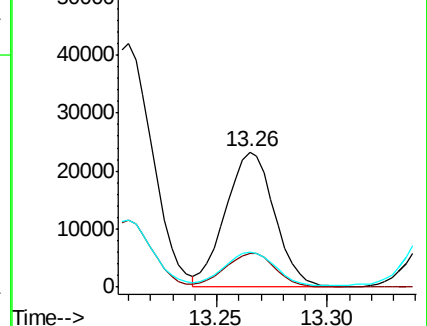
91 24.6 12.7 38.0

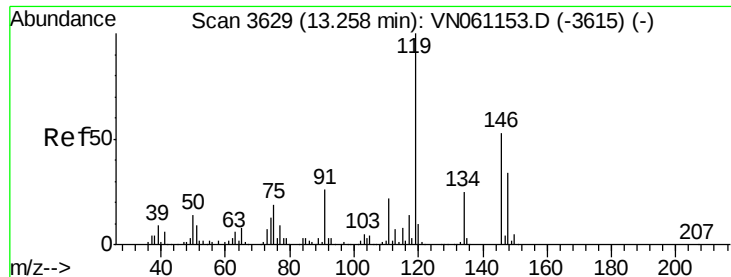


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

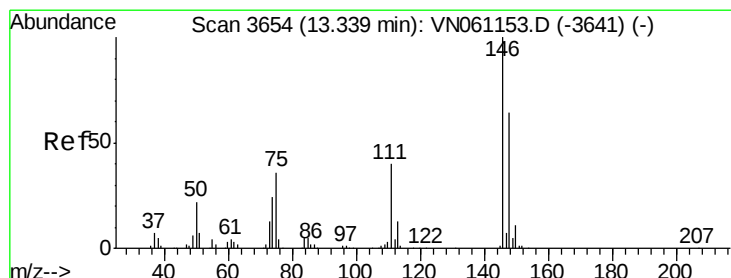
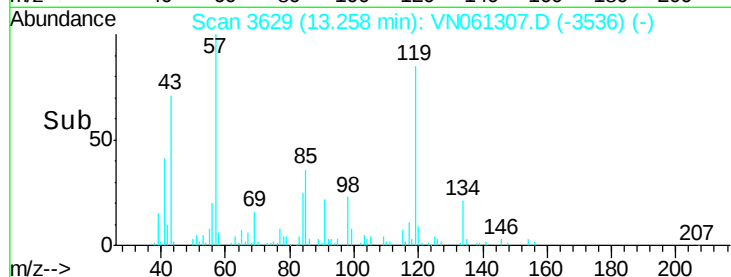
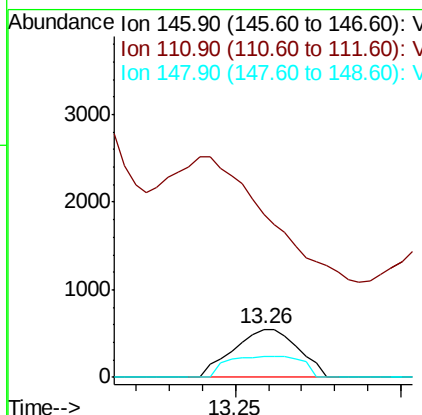
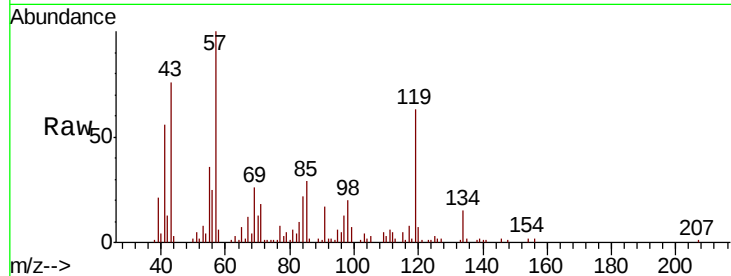




#87
 1,3-Dichlorobenzene
 Concen: 0.289 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

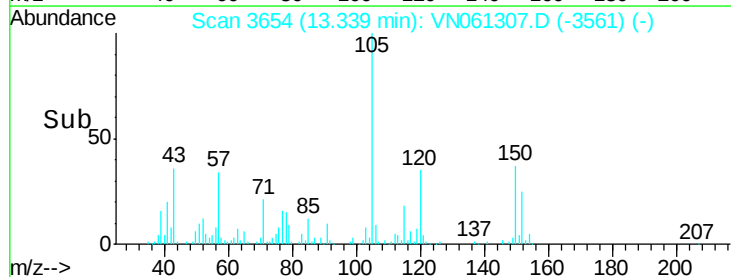
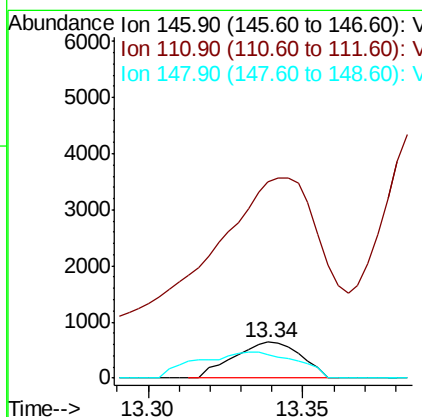
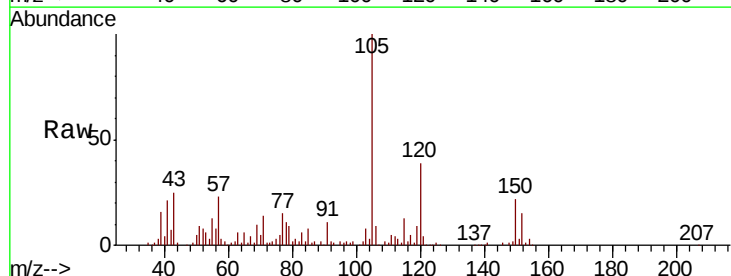
Instrument :
 MSVOA_N
 ClientSampleId :

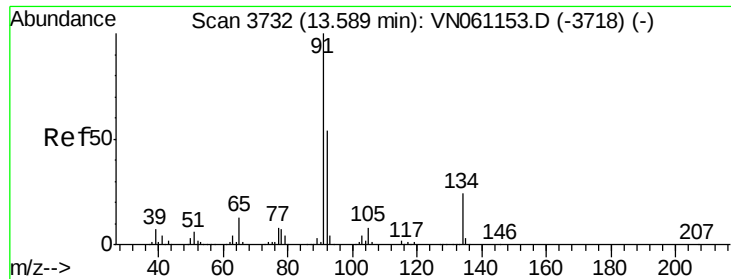
Tot Ion:146 Resp: 746
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.7 62.1#
 148 50.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.370 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion:146 Resp: 976
 Ion Ratio Lower Upper
 146 100
 111 567.6 20.4 61.3#
 148 104.4 31.9 95.7#

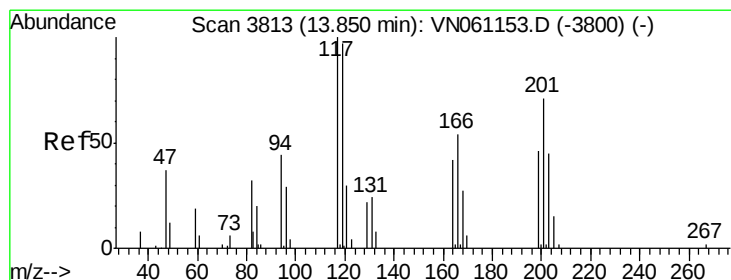
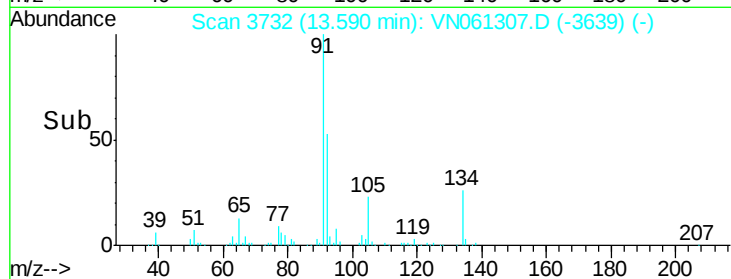
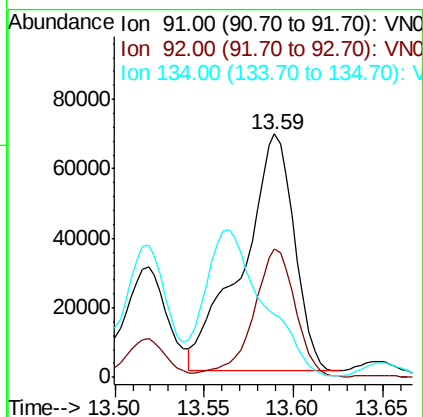
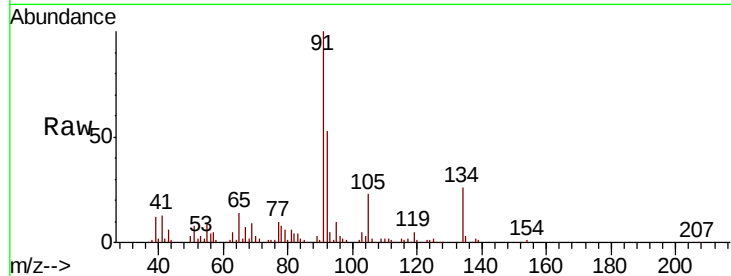




#89
n-Butylbenzene
Concen: 29.057 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

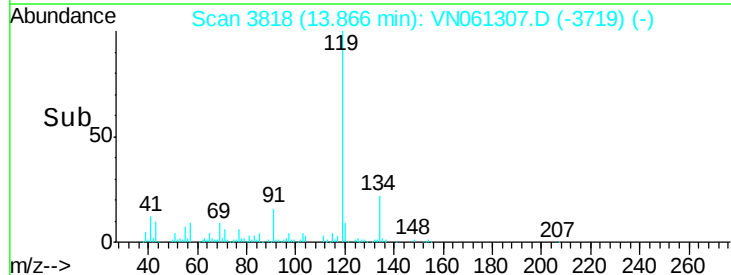
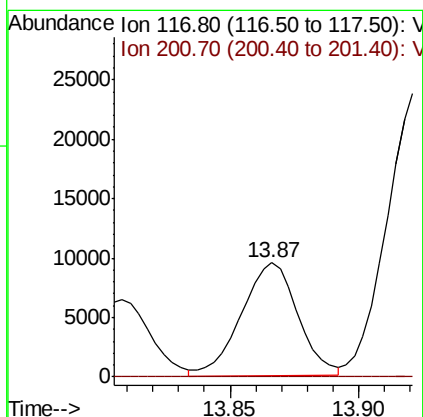
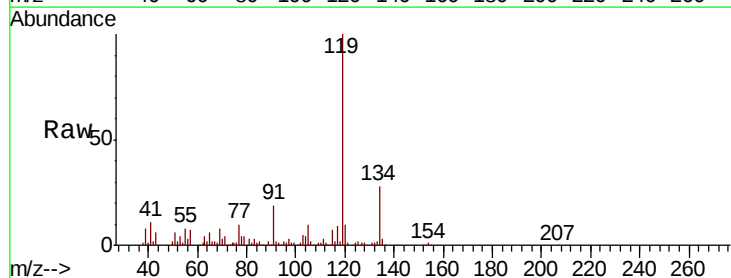
Instrument :
MSVOA_N
ClientSampled :

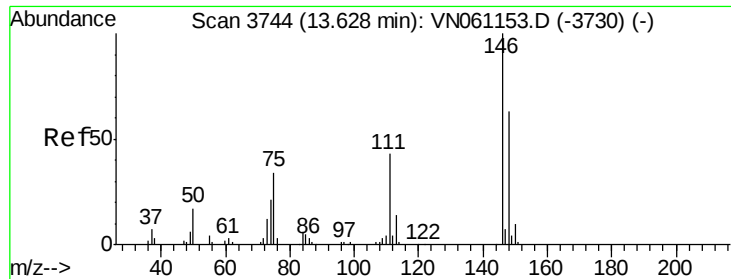
Tot Ion: 91 Resp: 138663
Ion Ratio Lower Upper
91 100
92 43.5 26.8 80.3
134 0.0 11.9 35.5#



#90
Hexachloroethane
Concen: 30.279 ug/l
RT: 13.87 min Scan# 3818
Delta R.T. 0.02 min
Lab File: VN061307.D
Acq: 6 May 2020 14:17

Tgt Ion: 117 Resp: 14513
Ion Ratio Lower Upper
117 100
201 0.0 35.5 106.7#





#91

1,2-Dichlorobenzene

Concen: 0.273 ug/l

RT: 13.63 min Scan# 3746

Delta R.T. 0.01 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampled :

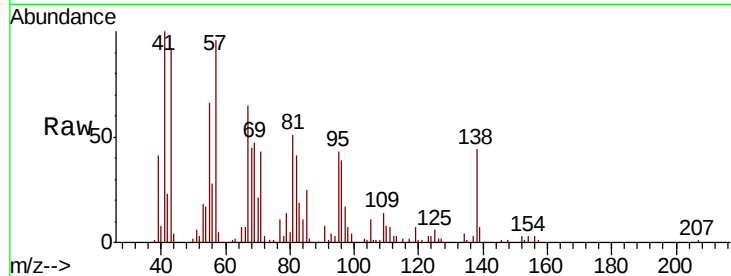
Tot Ion:146 Resp: 676

Ion Ratio Lower Upper

146 100

111 405.0 21.8 65.3#

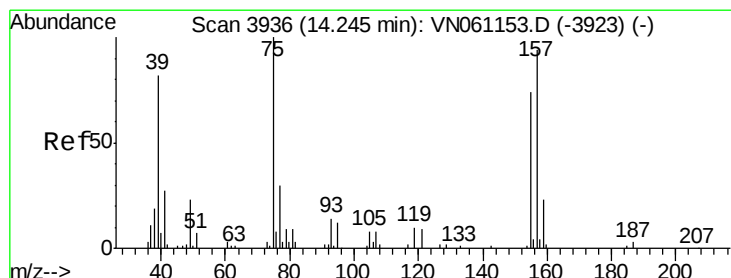
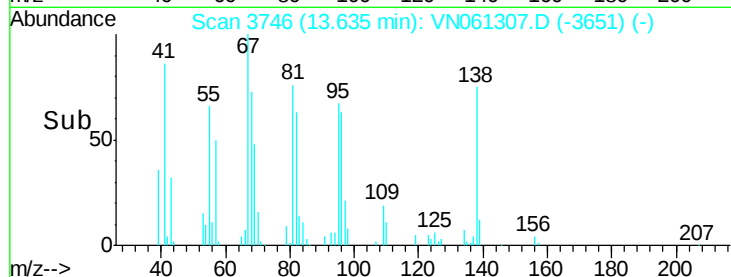
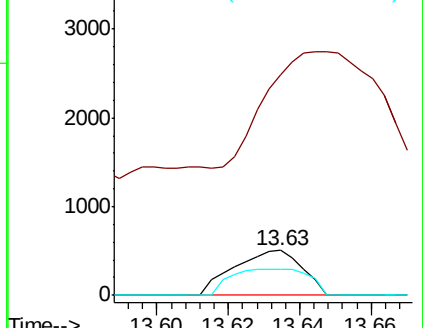
148 66.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.895 ug/l

RT: 14.27 min Scan# 3943

Delta R.T. 0.02 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

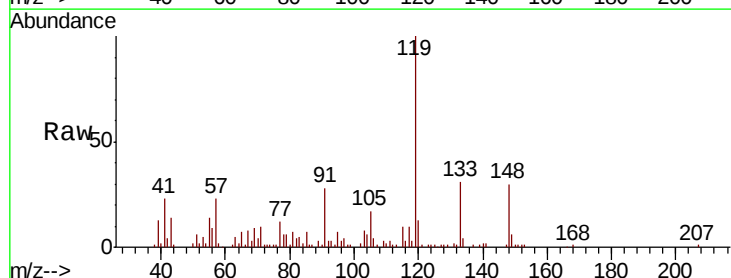
Tgt Ion: 75 Resp: 358

Ion Ratio Lower Upper

75 100

155 0.0 36.5 109.7#

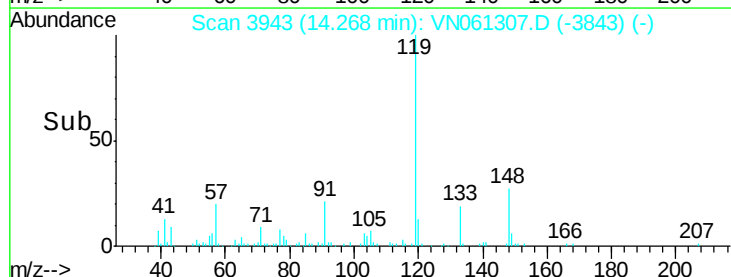
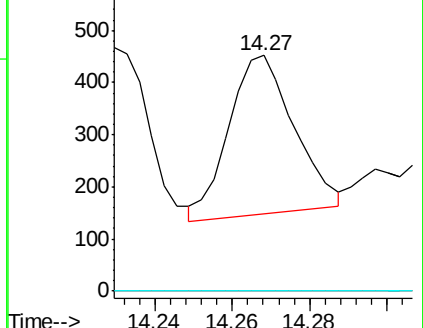
157 0.0 46.6 139.7#

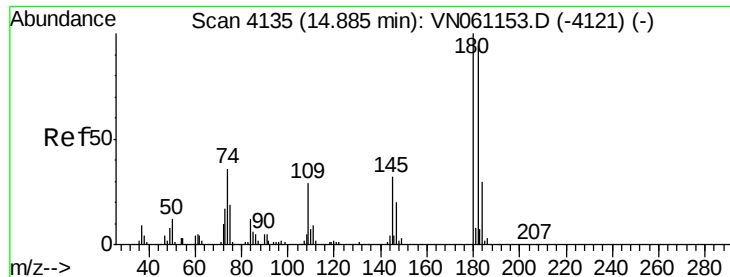


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

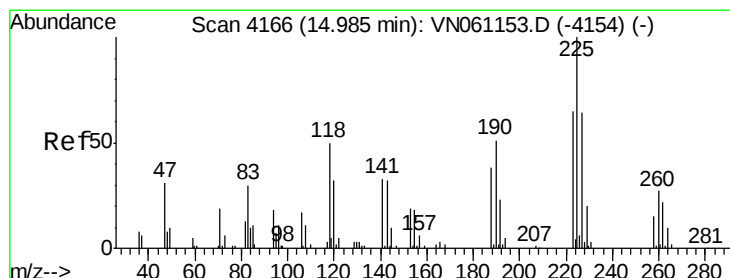
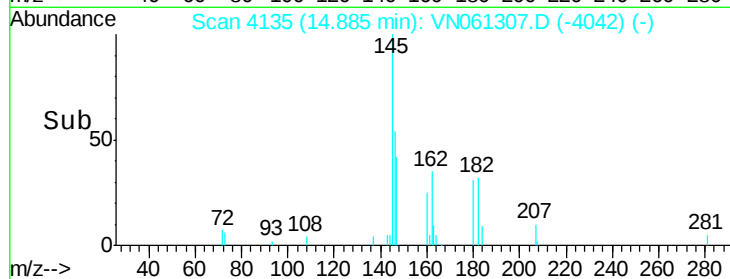
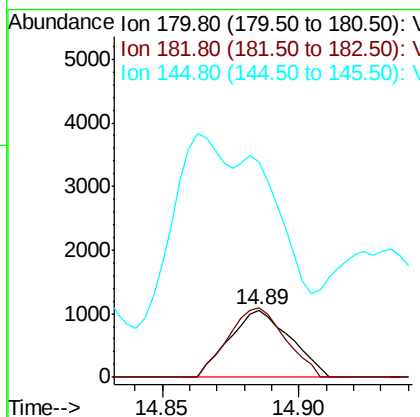
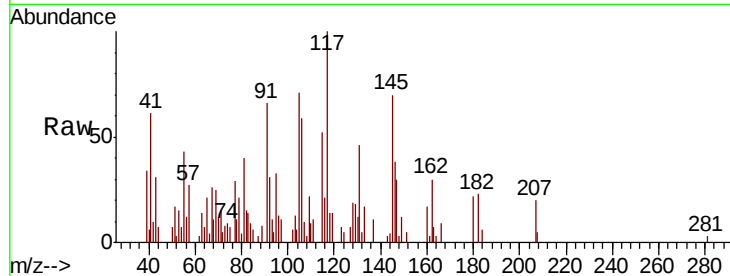




#93
 1,2,4-Trichlorobenzene
 Concen: 1.092 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

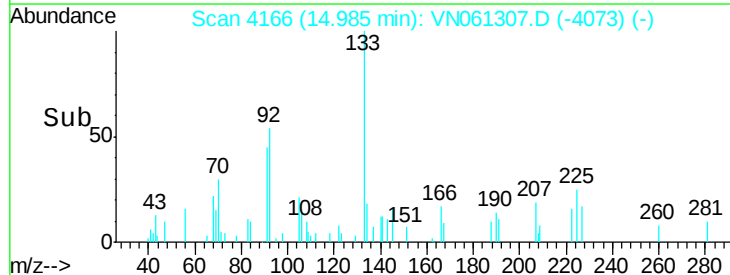
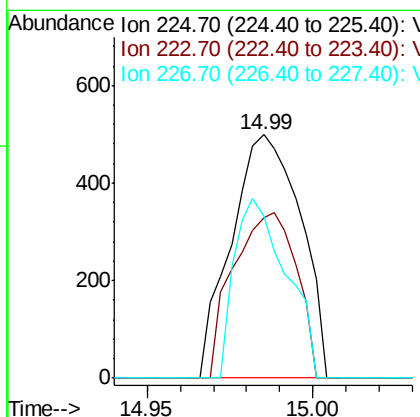
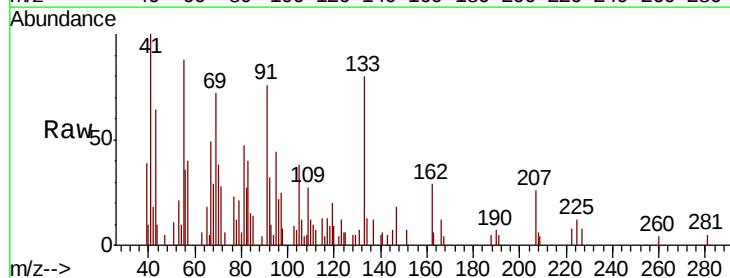
Instrument :
 MSVOA_N
 ClientSampled :

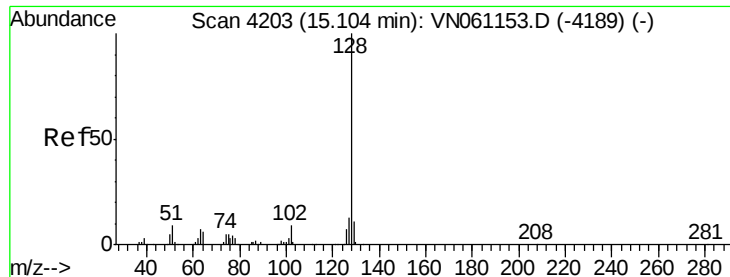
Tot Ion:180 Resp: 1645
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 141.9
 145 0.0 16.0 47.9#



#94
 Hexachlorobutadiene
 Concen: 1.153 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061307.D
 Acq: 6 May 2020 14:17

Tgt Ion:225 Resp: 726
 Ion Ratio Lower Upper
 225 100
 223 61.7 32.4 97.0
 227 55.1 32.4 97.0





#95

Naphthalene

Concen: 9.432 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

Instrument :

MSVOA_N

ClientSampleId :

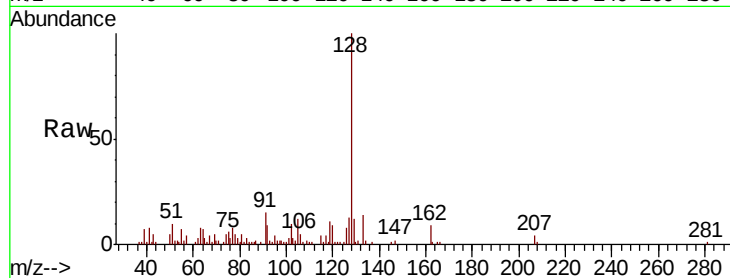
Tot Ion:128 Resp: 46282

Ion Ratio Lower Upper

128 100

127 14.3 10.4 15.6

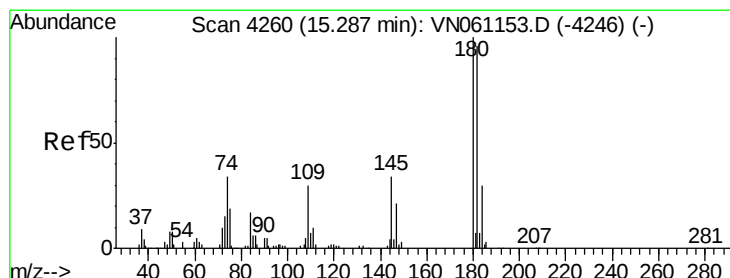
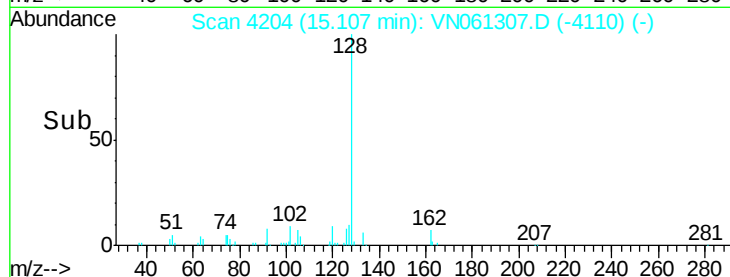
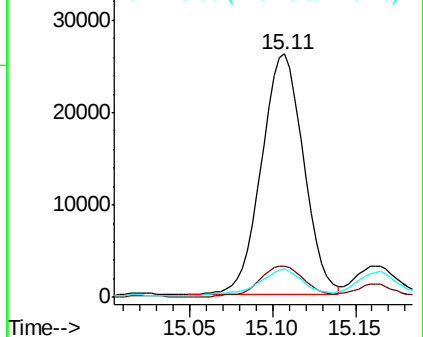
129 12.4 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 1.605 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061307.D

Acq: 6 May 2020 14:17

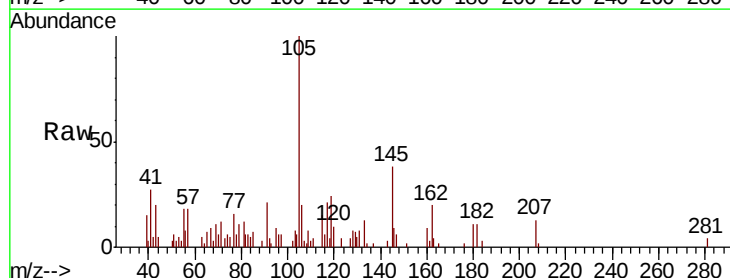
Tgt Ion:180 Resp: 2388

Ion Ratio Lower Upper

180 100

182 61.3 47.5 142.5

145 0.0 16.9 50.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

