

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061280.D
 Acq On : 4 May 2020 16:03
 Operator : JC/MD
 Sample : L2457-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 03:45:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	96157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	172944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	164005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73438	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	78308	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.94%		
35) Dibromofluoromethane	7.55	113	51392	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.50%		
50) Toluene-d8	10.06	98	212040	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.72%		
62) 4-Bromofluorobenzene	12.38	95	80675	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.84%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	277	0.224	ug/l #	42
11) Tert butyl alcohol	4.73	59	1430	7.016	ug/l #	72
15) Acrylonitrile	4.95	53	332	0.531	ug/l #	18
16) Acetone	3.78	43	24171	36.355	ug/l	97
17) Carbon Disulfide	4.01	76	1596	0.569	ug/l #	75
18) Methyl Acetate	4.28	43	217	0.791	ug/l #	55
20) Methylene Chloride	4.50	84	865	0.729	ug/l #	54
25) 2-Butanone	6.79	43	7299	8.107	ug/l	100
29) Tetrahydrofuran	7.17	42	653	1.077	ug/l #	44
31) Cyclohexane	7.63	56	2814	1.271	ug/l #	17
36) 1,1-Dichloropropene	7.63	75	8890	5.135	ug/l #	46
37) Ethyl Acetate	6.79	43	7299	3.596	ug/l #	81
38) Carbon Tetrachloride	7.63	117	10385	8.561	ug/l #	16
40) Benzene	8.00	78	1098	0.213	ug/l	93
41) Methacrylonitrile	7.17	41	633	0.751	ug/l #	100
51) 4-Methyl-2-Pentanone	9.95	43	2011	1.014	ug/l	98
52) Toluene	10.12	92	37078	11.935	ug/l	99
59) 2-Hexanone	10.73	43	1981	1.373	ug/l	78
67) Ethyl Benzene	11.48	91	11881	1.951	ug/l	100
68) m/p-Xylenes	11.60	106	845	0.379	ug/l	95
70) Styrene	11.94	104	7124	1.988	ug/l	92
74) N-amyl acetate	12.04	43	666	0.244	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	44739	28.896	ug/l #	100
78) n-propylbenzene	12.57	91	1349	0.211	ug/l #	71
79) 2-Chlorotoluene	12.75	91	1027	0.273	ug/l	75
81) trans-1,4-Dichloro-2-buten	12.38	75	44739	73.381	ug/l #	8
82) 4-Chlorotoluene	12.75	91	1027	0.259	ug/l	76
85) sec-Butylbenzene	13.15	105	1046	0.204	ug/l #	72
86) p-Isopropyltoluene	13.26	119	1059	0.229	ug/l	81
87) 1,3-Dichlorobenzene	13.26	146	850	0.370	ug/l	99
88) 1,4-Dichlorobenzene	13.26	146	850	0.363	ug/l	98
89) n-Butylbenzene	13.59	91	1893	0.446	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	863	0.392	ug/l	89
93) 1,2,4-Trichlorobenzene	14.89	180	1531	1.143	ug/l	93

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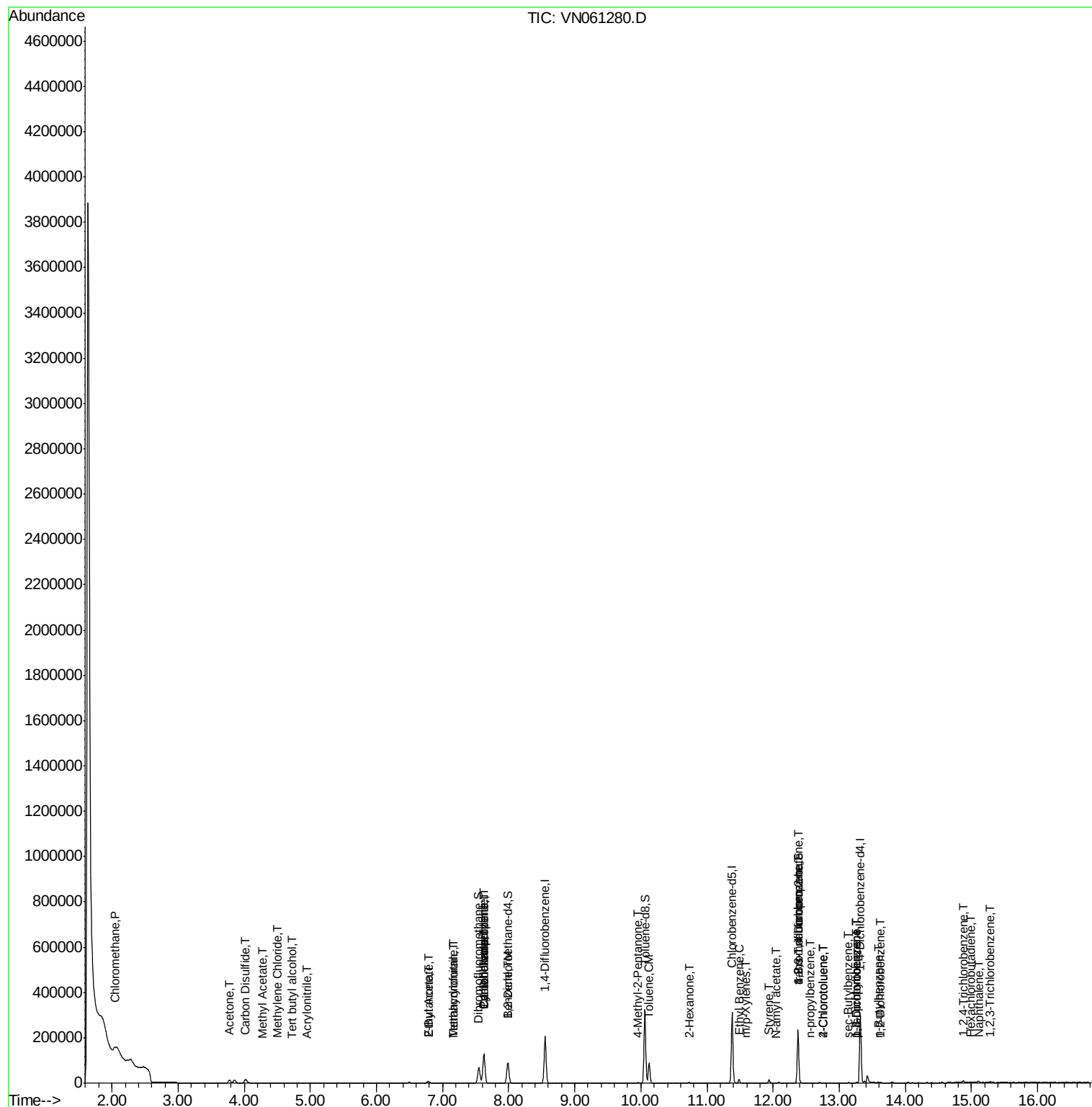
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	625	1.117	ug/l	91
95) Naphthalene	15.11	128	6347	1.455	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	1628	1.231	ug/l	95

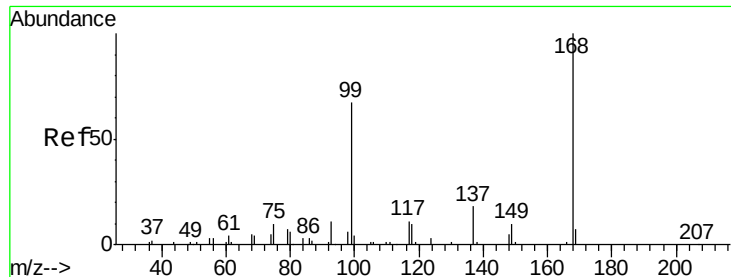
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

Instrument :

MSVOA_N

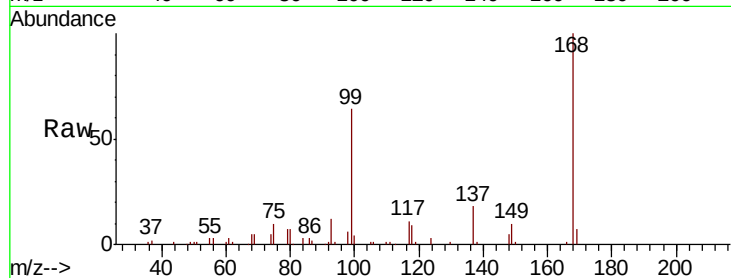
ClientSampleId :

Tot Ion:168 Resp: 96157

Ion Ratio Lower Upper

168 100

99 64.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061280.D (-167.90)

Ion 98.90 (98.60 to 99.60): VN061280.D (-98.90)

7.63

40000

30000

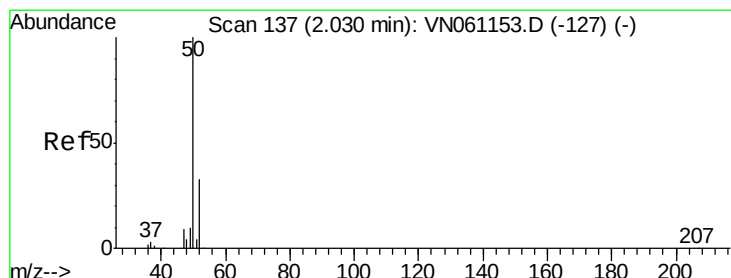
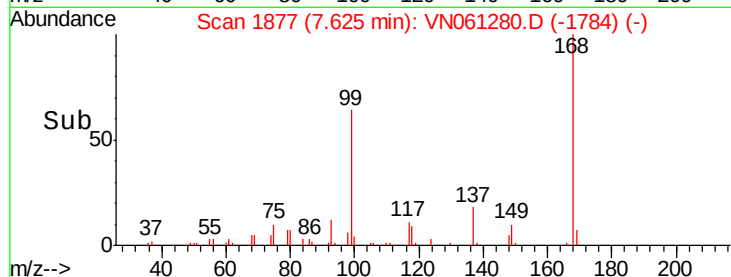
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#3

Chloromethane

Concen: 0.224 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061280.D

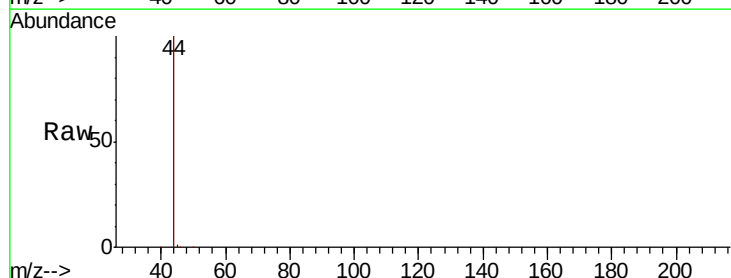
Acq: 4 May 2020 16:03

Tgt Ion: 50 Resp: 277

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN061280.D (-49.90)

Ion 51.90 (51.60 to 52.60): VN061280.D (-51.90)

2.03

300

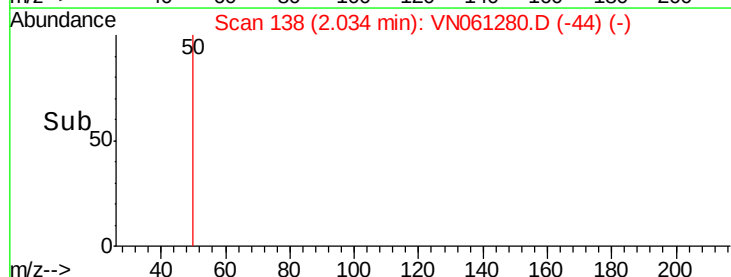
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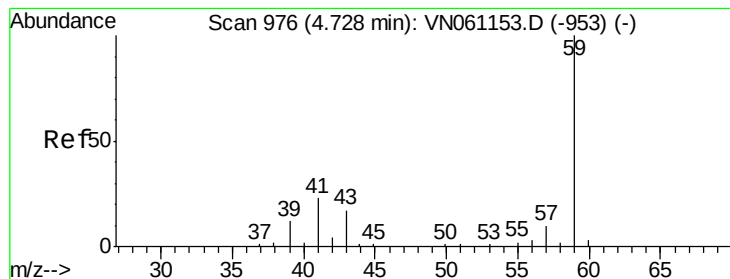
100

0

2.02 2.04

Time-->



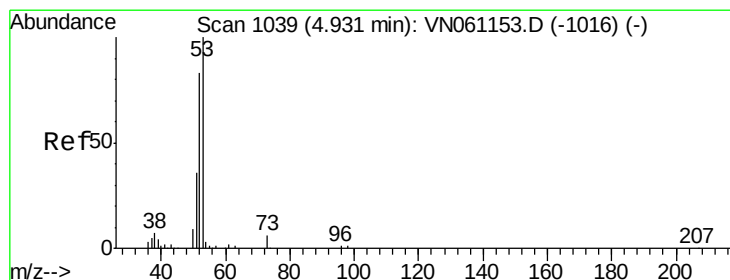
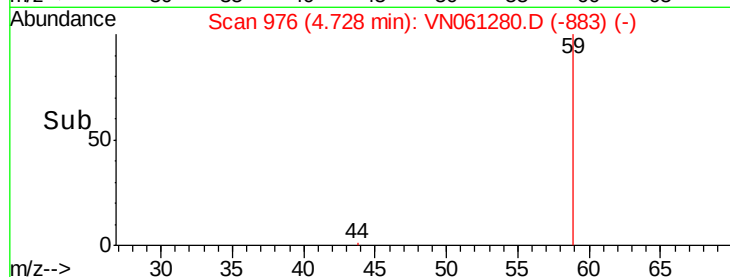
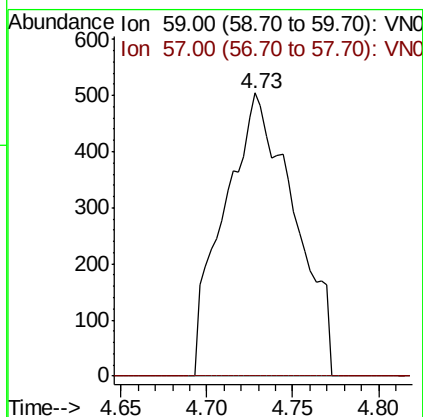
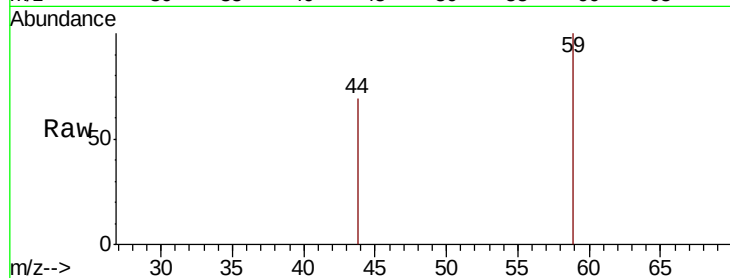


#11

Tert butyl alcohol
 Concen: 7.016 ug/l
 RT: 4.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :

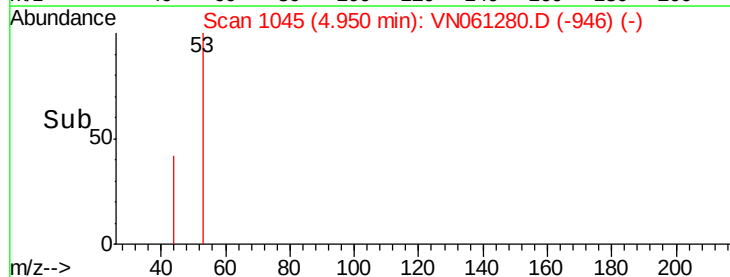
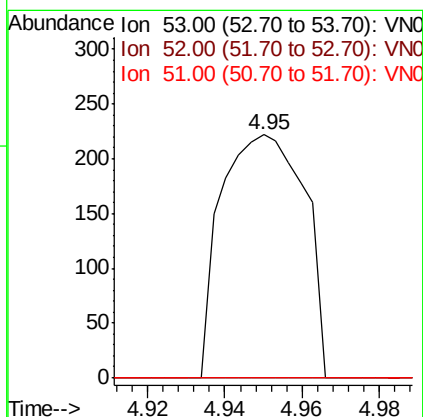
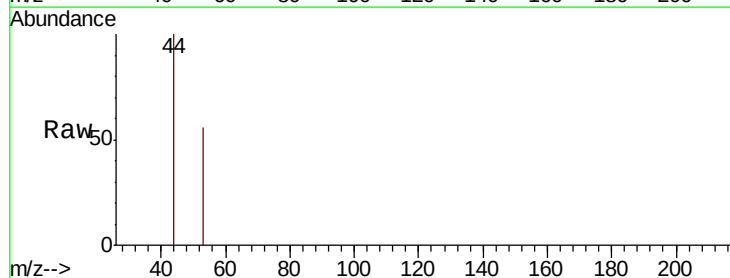
Tot Ion: 59 Resp: 1430
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

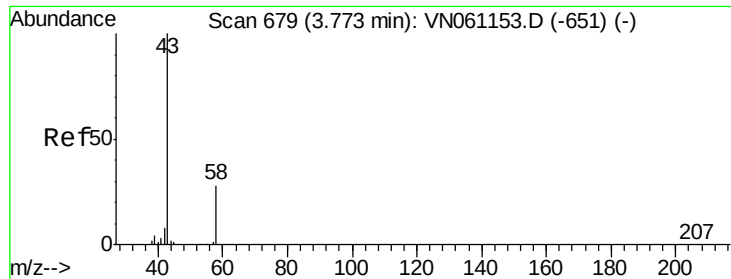


#15

Acrylonitrile
 Concen: 0.531 ug/l
 RT: 4.95 min Scan# 1045
 Delta R.T. 0.02 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion: 53 Resp: 332
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.4 98.0#
 51 0.0 29.5 44.3#





#16

Acetone

Concen: 36.355 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

Instrument :

MSVOA_N

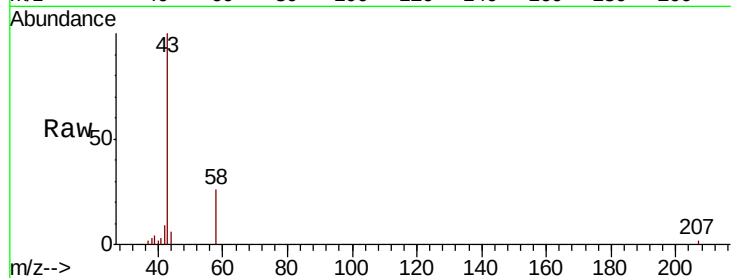
ClientSampleId :

Tot Ion: 43 Resp: 24171

Ion Ratio Lower Upper

43 100

58 26.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)

3.78

10000

8000

6000

4000

2000

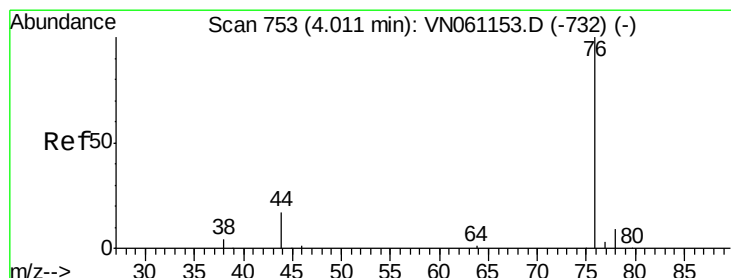
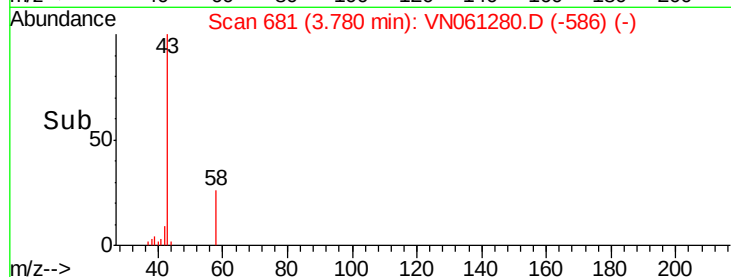
0

3.70

3.80

3.90

Time-->



#17

Carbon Disulfide

Concen: 0.569 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061280.D

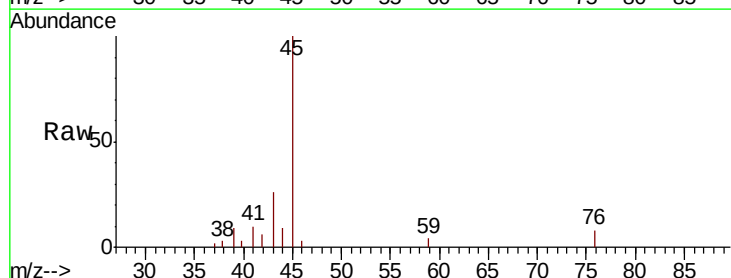
Acq: 4 May 2020 16:03

Tgt Ion: 76 Resp: 1596

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)

4.01

800

600

400

200

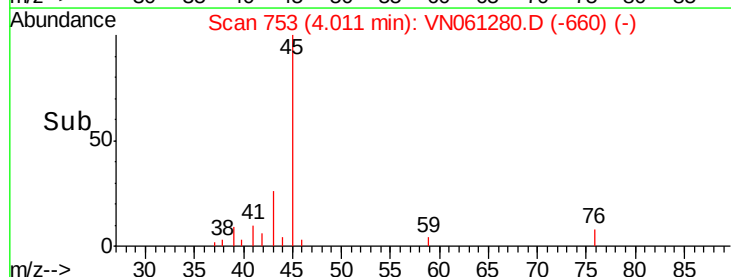
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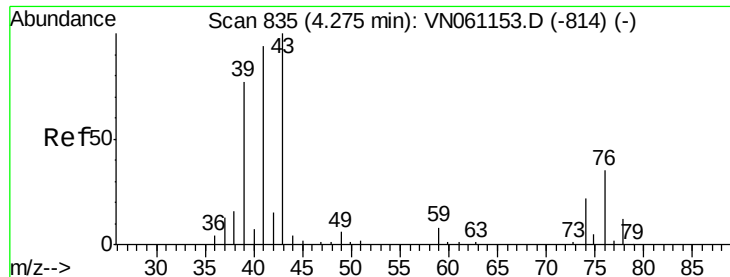
3.95

4.00

4.05

Time-->

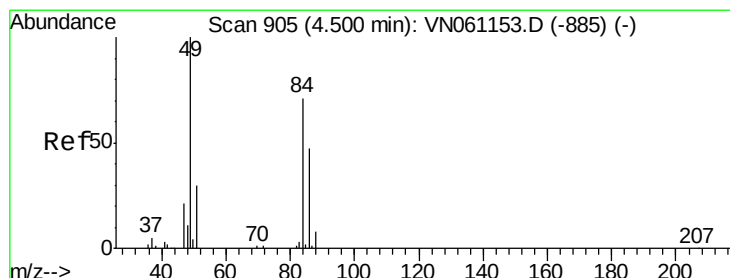
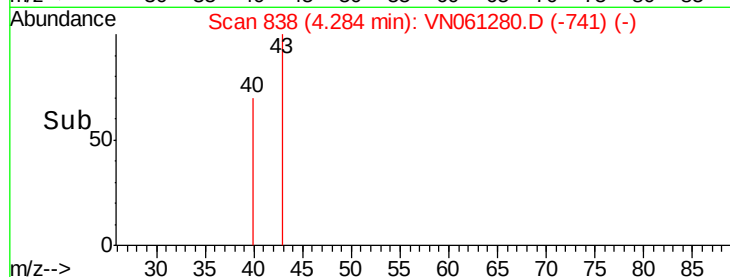
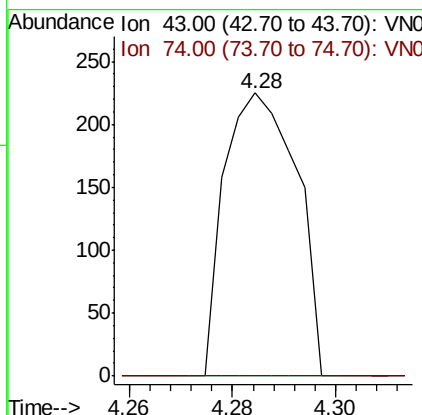
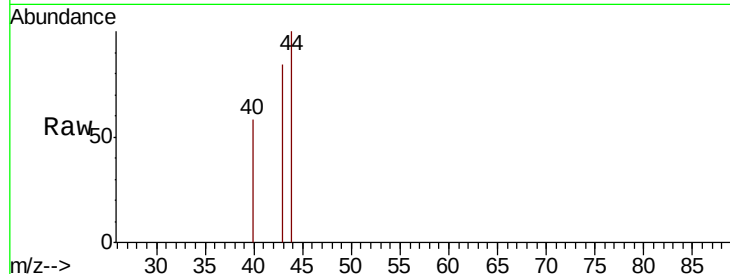




#18
Methvl Acetate
Concen: 0.791 ug/l
RT: 4.28 min Scan# 838
Delta R.T. 0.01 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

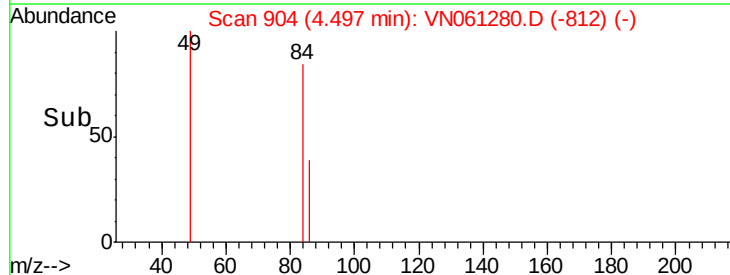
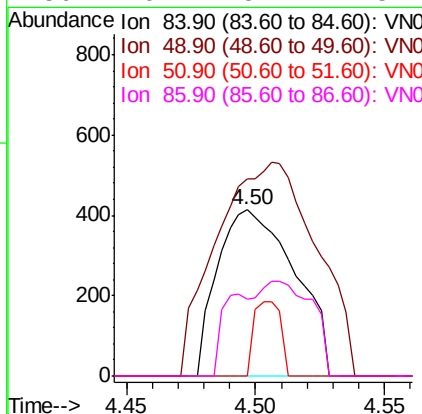
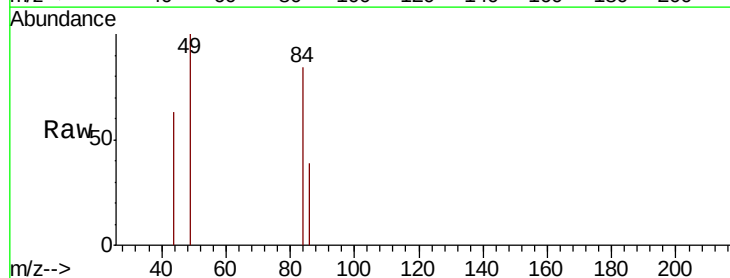
Instrument :
MSVOA_N
ClientSampled :

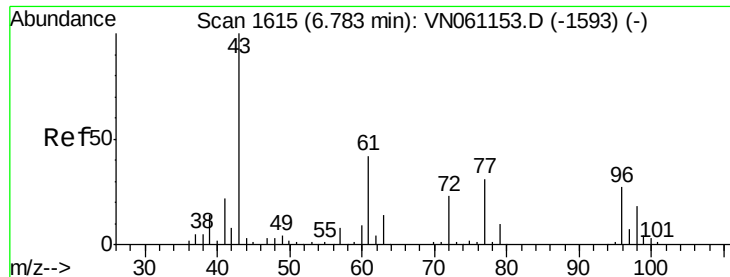
Tot Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#20
Methylene Chloride
Concen: 0.729 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

Tgt Ion: 84 Resp: 865
Ion Ratio Lower Upper
84 100
49 78.0 112.0 168.0#
51 0.0 33.6 50.4#
86 46.4 52.1 78.1#





#25

2-Butanone

Concen: 8.107 ug/l

RT: 6.79 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

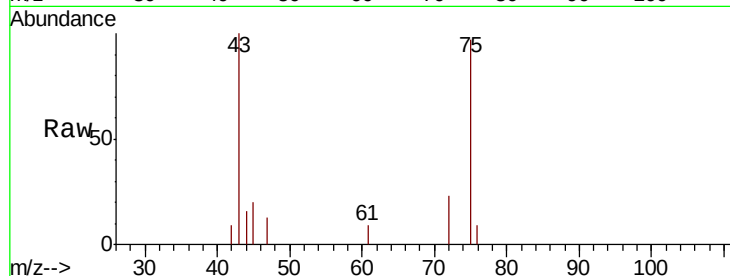
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 7299

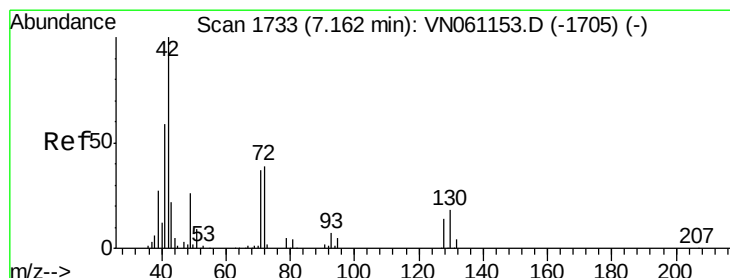
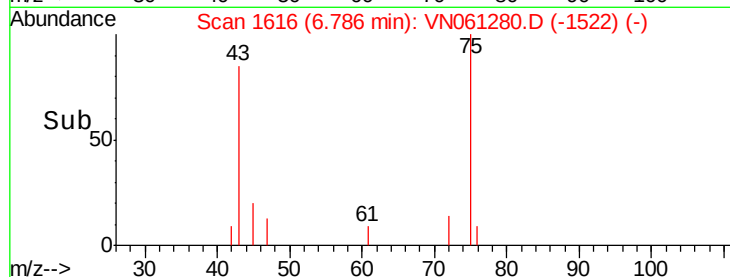
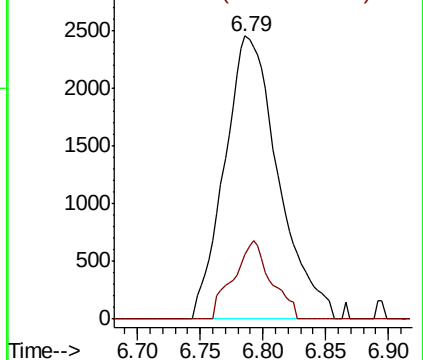
Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 1.077 ug/l

RT: 7.17 min Scan# 1736

Delta R.T. 0.01 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

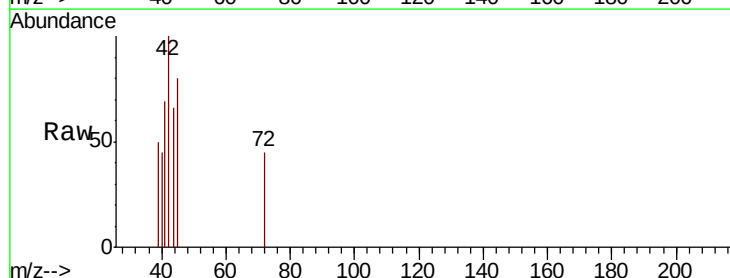
Tgt Ion: 42 Resp: 653

Ion Ratio Lower Upper

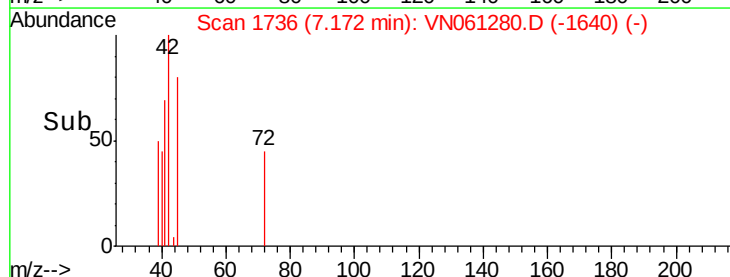
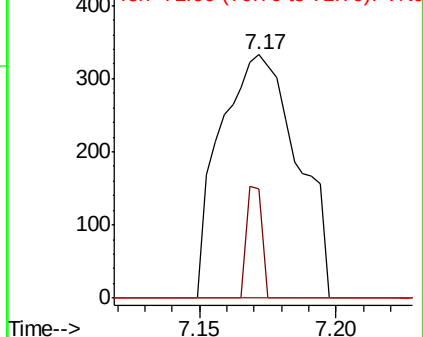
42 100

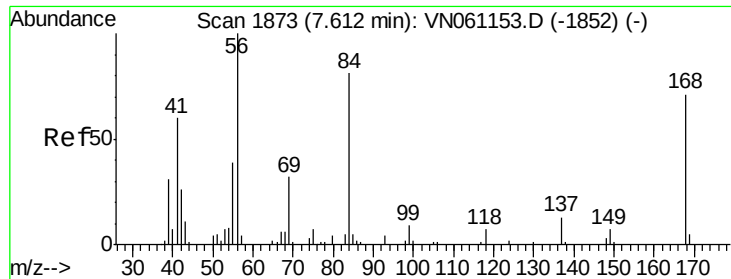
72 8.9 31.4 47.0#

71 0.0 29.5 44.3#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

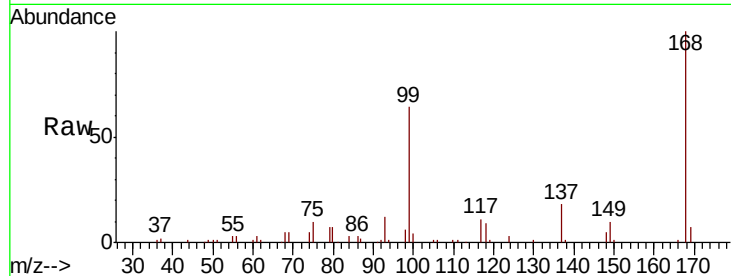




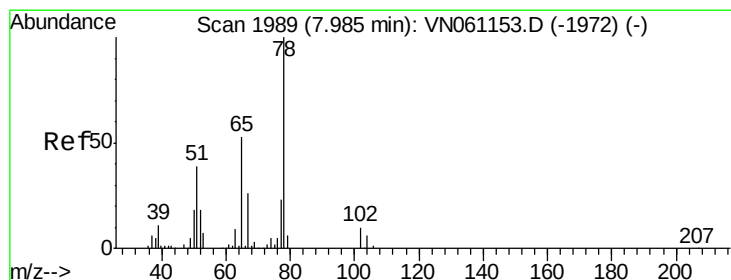
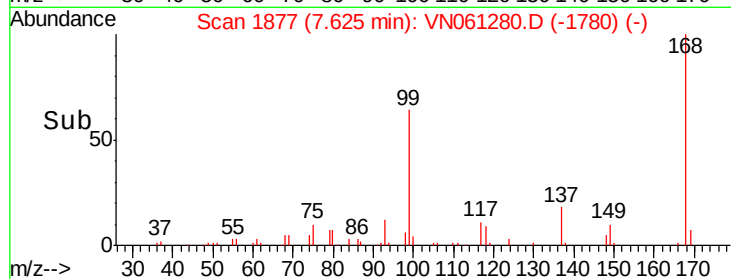
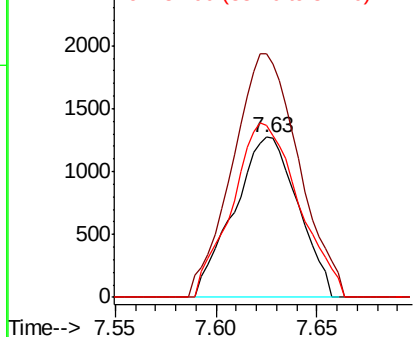
#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2814
Ion Ratio Lower Upper
56 100
69 152.3 25.7 38.5#
84 107.3 64.6 97.0#

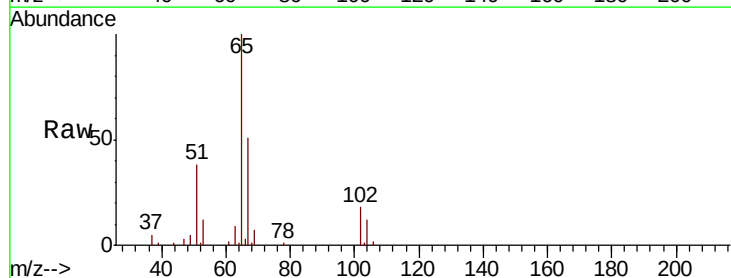


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

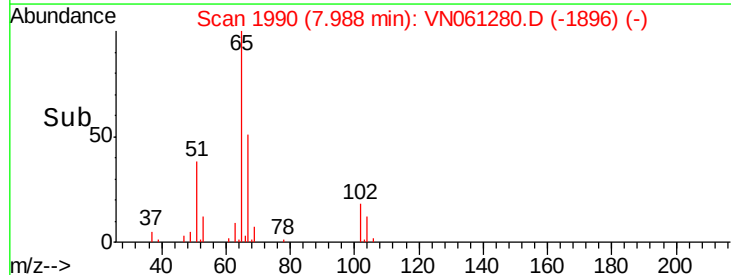
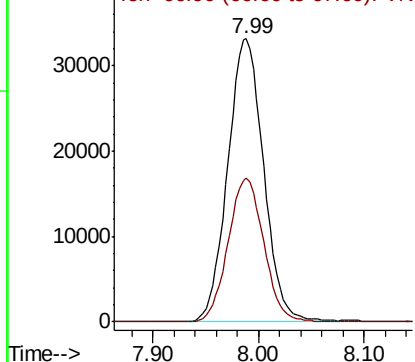


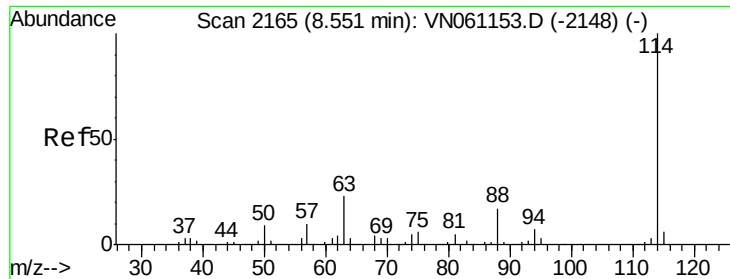
#33
1,2-Dichloroethane-d4
Concen: 51.468 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

Tgt Ion: 65 Resp: 78308
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6



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

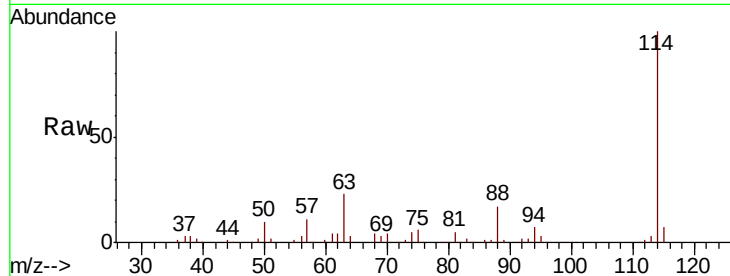




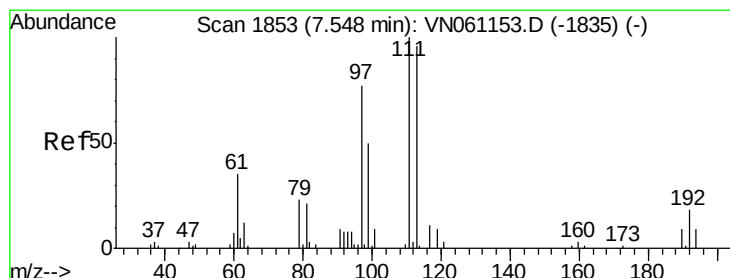
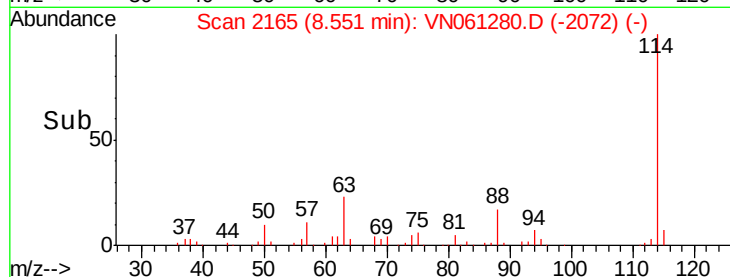
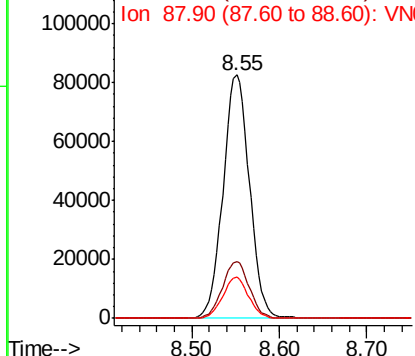
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 172944
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.6
 88 16.8 0.0 33.4

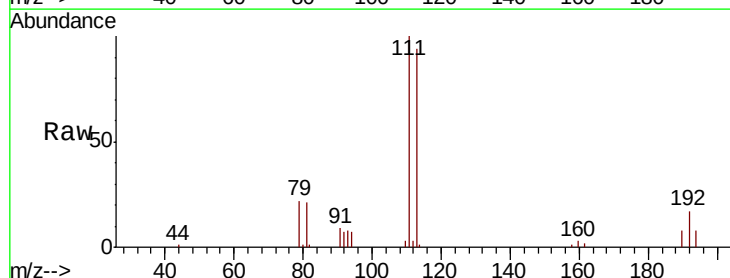


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

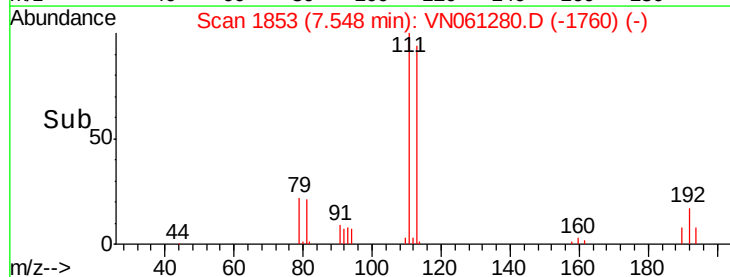
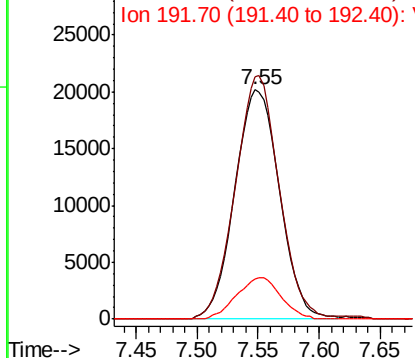


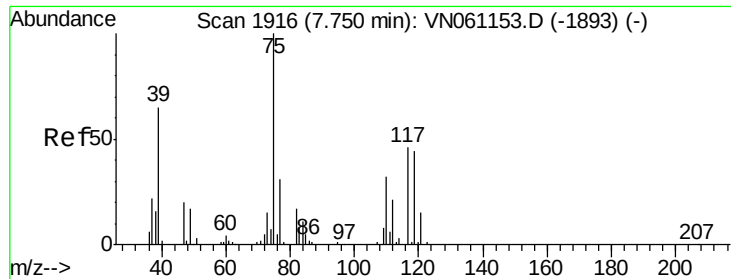
#35
 Dibromofluoromethane
 Concen: 50.253 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion:113 Resp: 51392
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 17.8 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

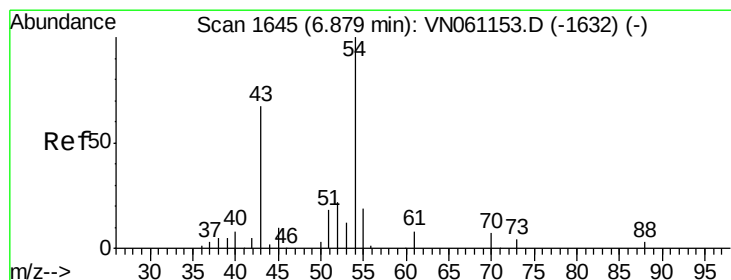
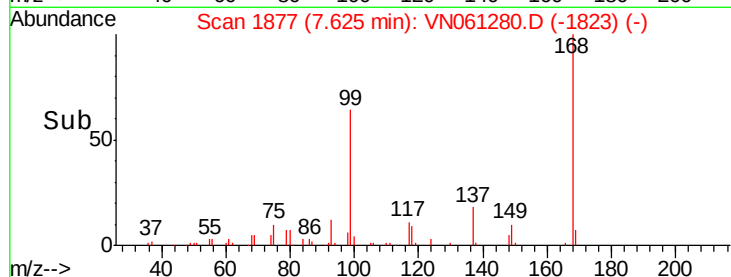
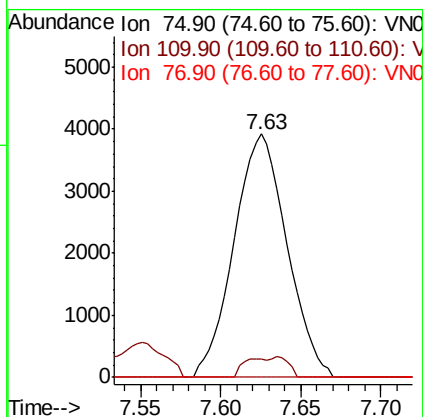
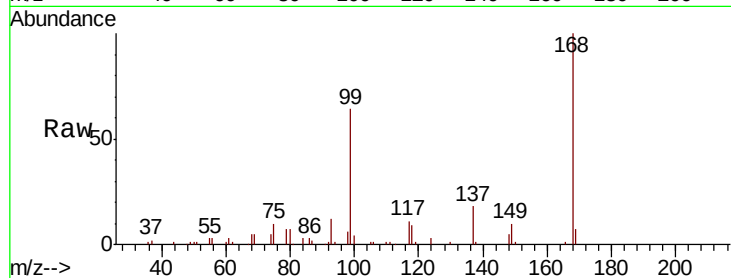




#36
 1,1-Dichloropropene
 Concen: 5.135 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

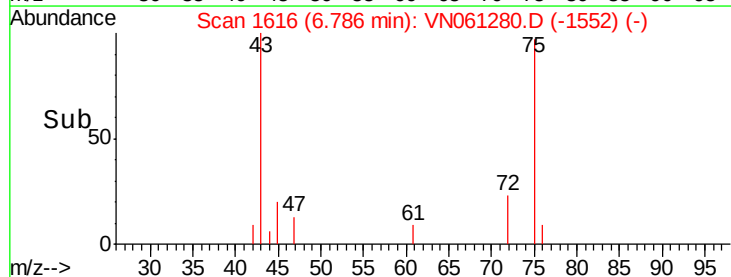
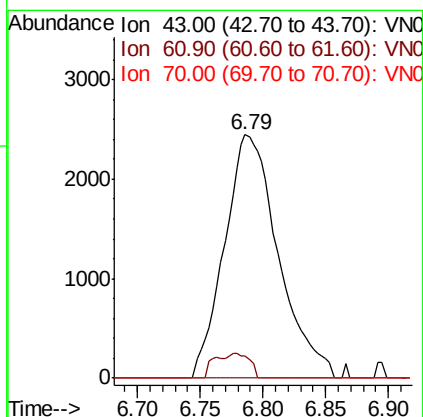
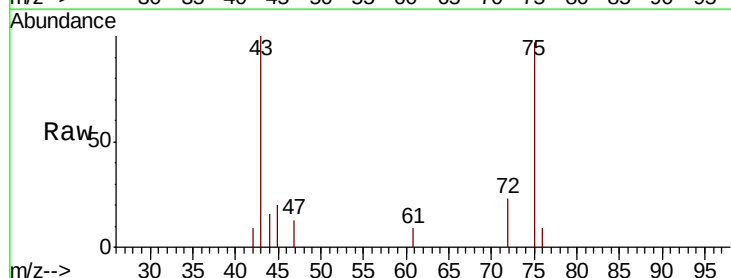
Instrument :
 MSVOA_N
 ClientSampled :

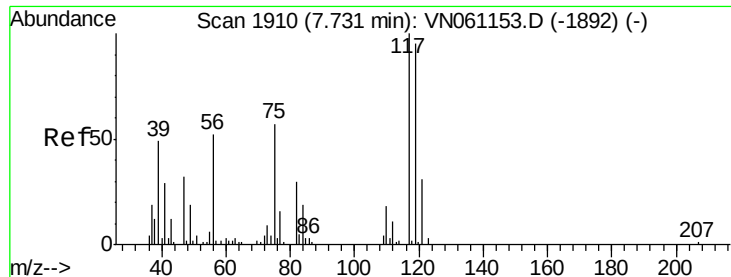
Tot Ion	Ratio	Lower	Upper
75	100		
110	3.4	16.0	48.0#
77	0.0	24.6	37.0#



#37
 Ethyl Acetate
 Concen: 3.596 ug/l
 RT: 6.79 min Scan# 1616
 Delta R.T. -0.09 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	6.6	10.2	15.2#
70	0.0	7.2	10.8#





#38

Carbon Tetrachloride

Concen: 8.561 ug/l

RT: 7.63 min Scan# 1877

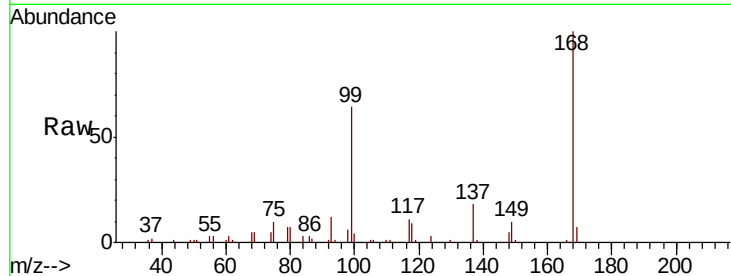
Delta R.T. -0.11 min

Lab File: VN061280.D

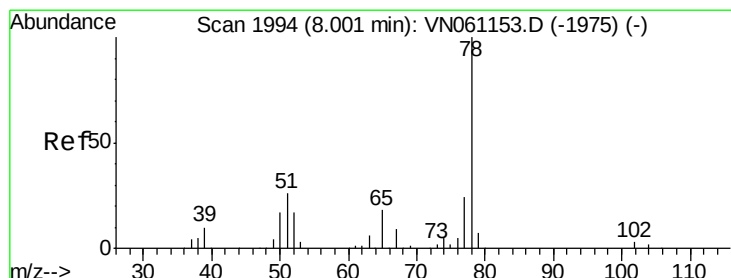
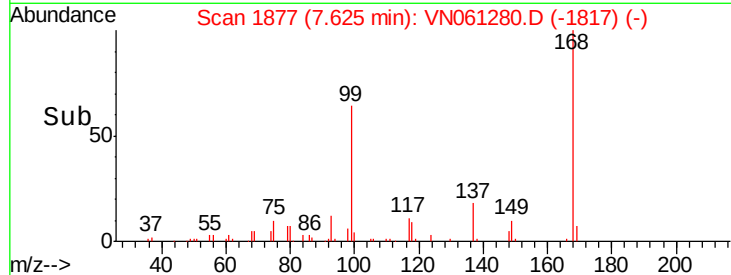
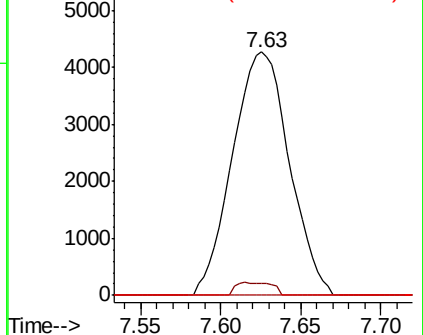
Acq: 4 May 2020 16:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 10385
Ion Ratio Lower Upper
117 100
119 4.8 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



#40

Benzene

Concen: 0.213 ug/l

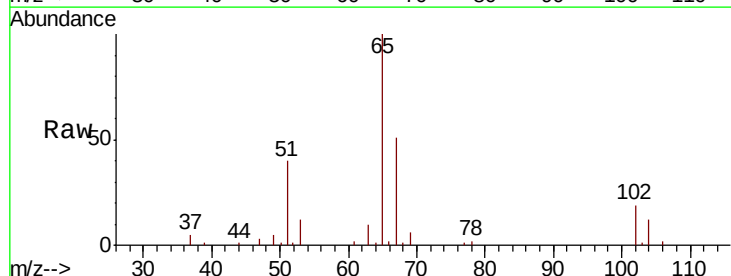
RT: 8.00 min Scan# 1993

Delta R.T. -0.00 min

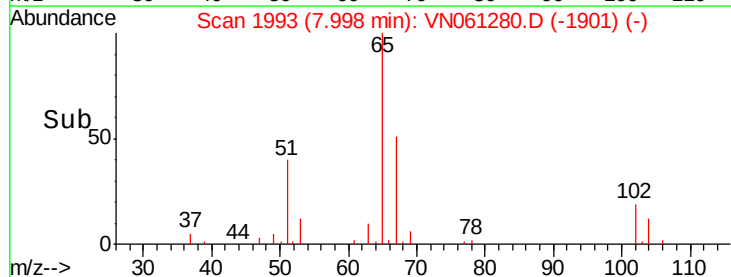
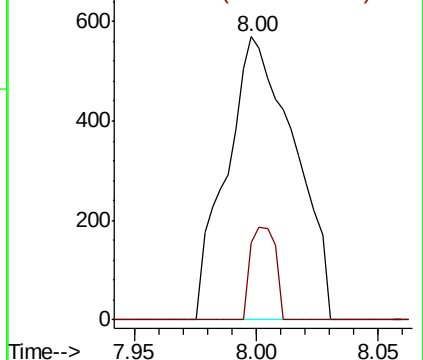
Lab File: VN061280.D

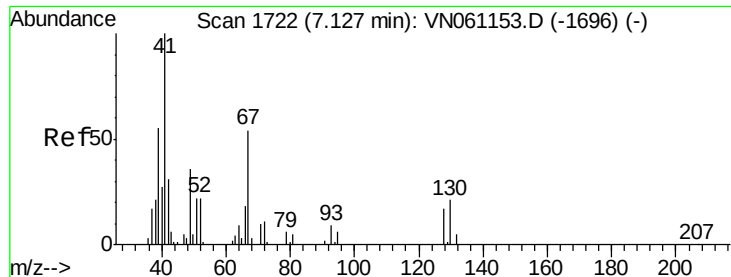
Acq: 4 May 2020 16:03

Tgt Ion: 78 Resp: 1098
Ion Ratio Lower Upper
78 100
77 27.2 19.0 28.6



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

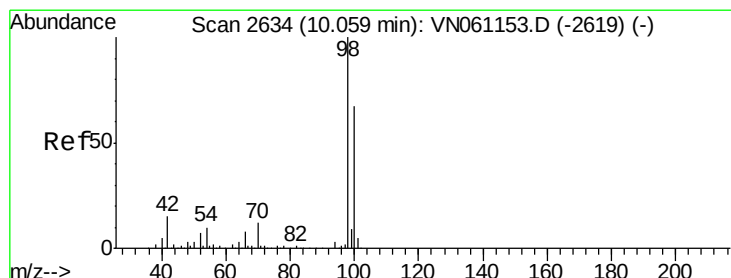
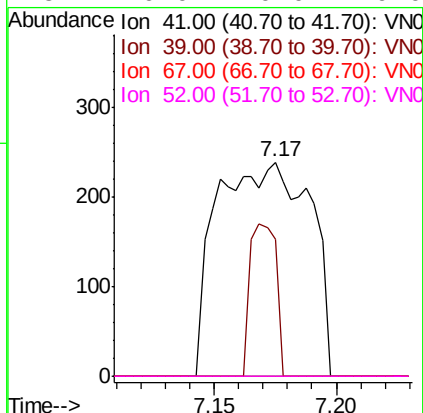
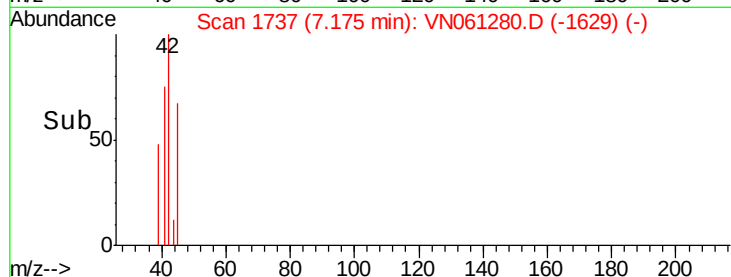
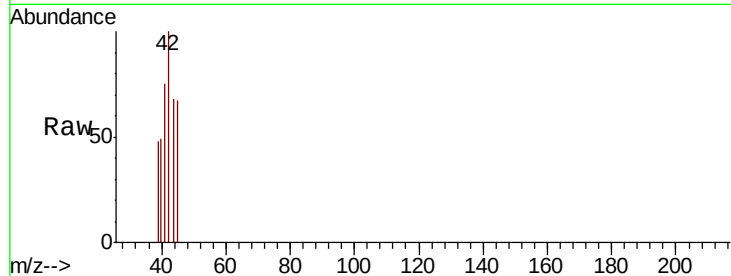




#41
Methacrylonitrile
Concen: 0.751 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. 0.05 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

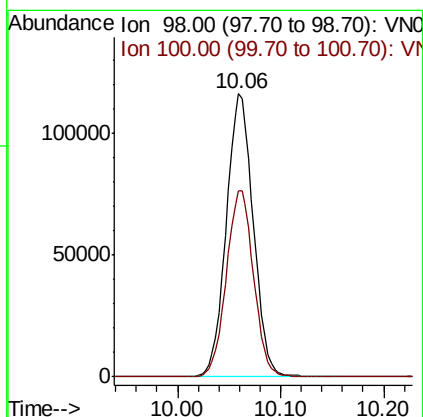
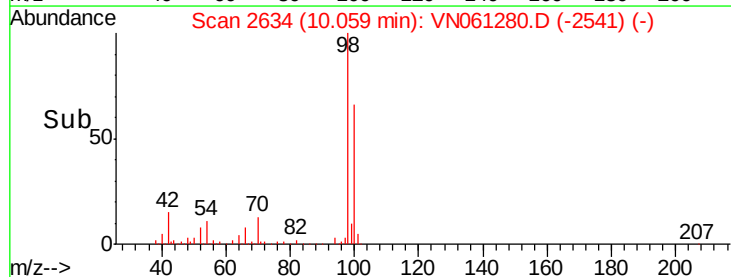
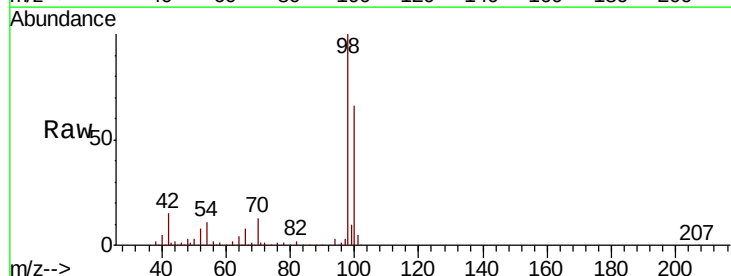
Instrument :
MSVOA_N
ClientSampleId :

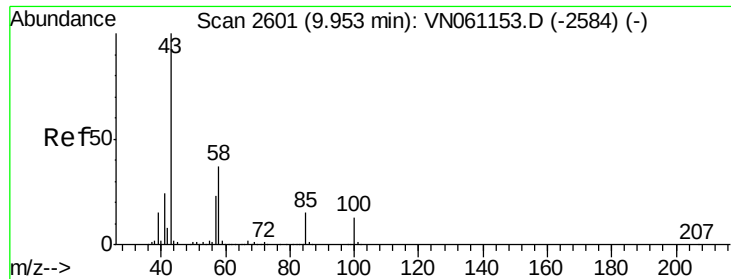
Tot Ion:	41	Resp:	633
Ion	Ratio	Lower	Upper
41	100		
39	19.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#50
Toluene-d8
Concen: 50.862 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

Tgt Ion:	98	Resp:	212040
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0

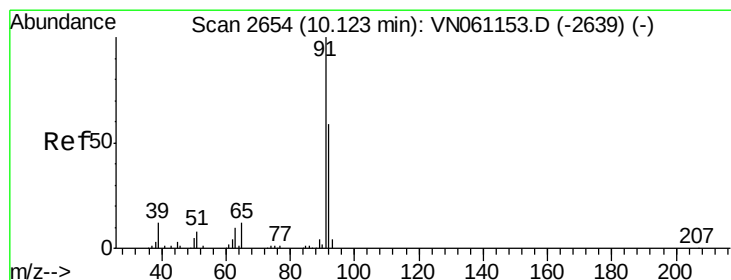
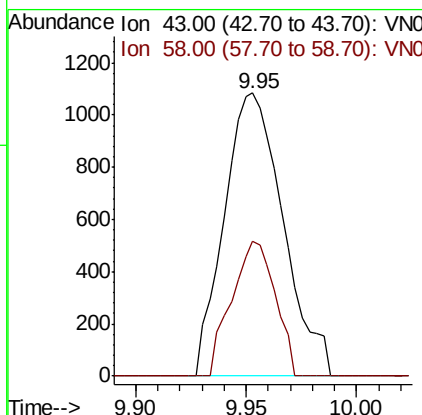
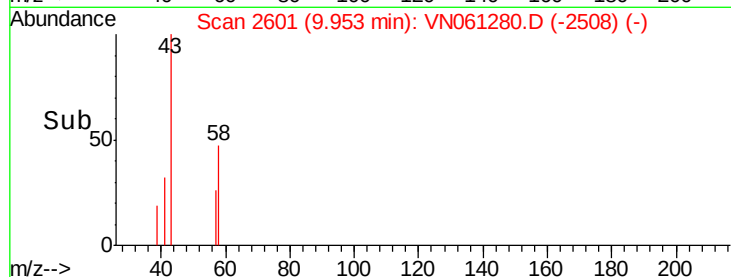
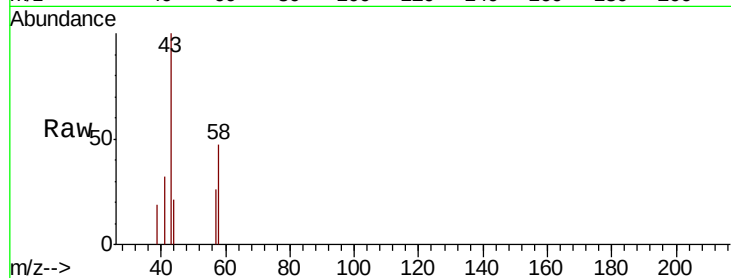




#51
 4-Methyl-2-Pentanone
 Concen: 1.014 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

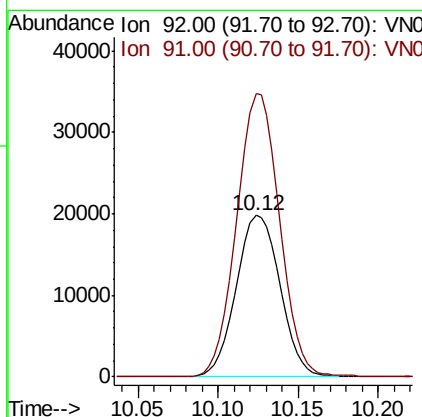
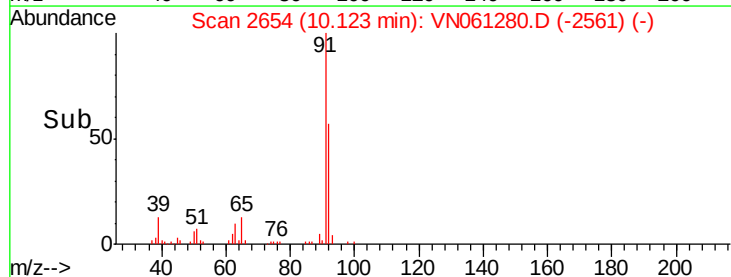
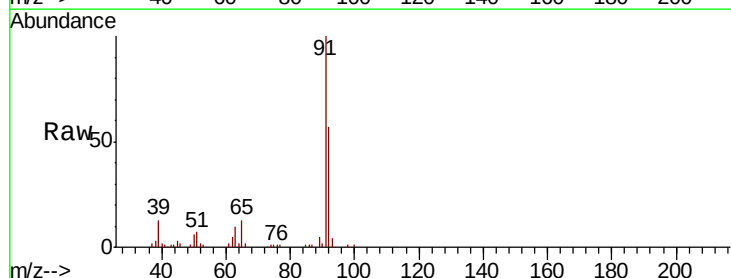
Instrument :
 MSVOA_N
 ClientSampled :

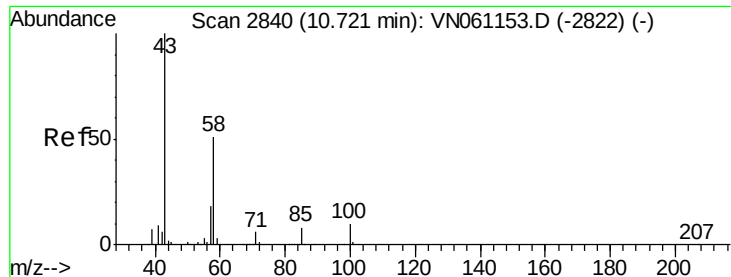
Tot Ion: 43 Resp: 2011
 Ion Ratio Lower Upper
 43 100
 58 35.3 29.1 43.7



#52
 Toluene
 Concen: 11.935 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion: 92 Resp: 37078
 Ion Ratio Lower Upper
 92 100
 91 172.0 136.2 204.2

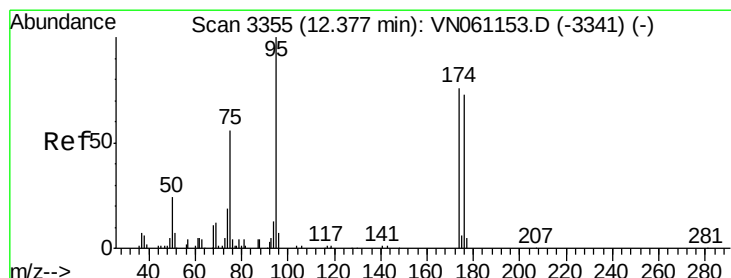
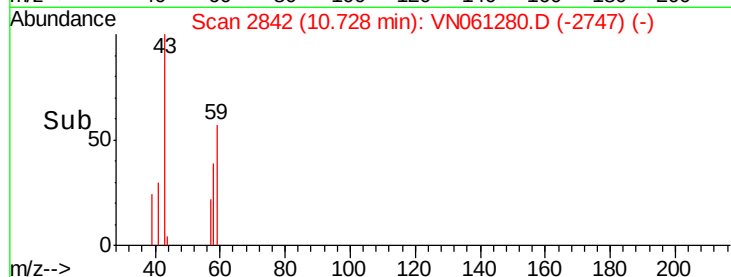
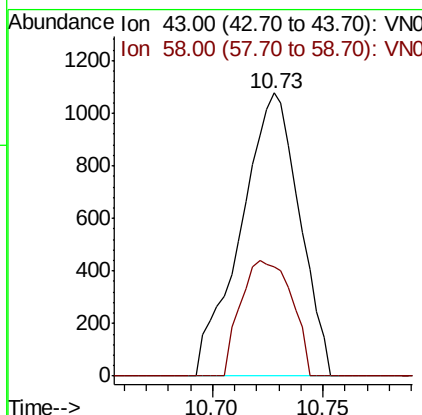
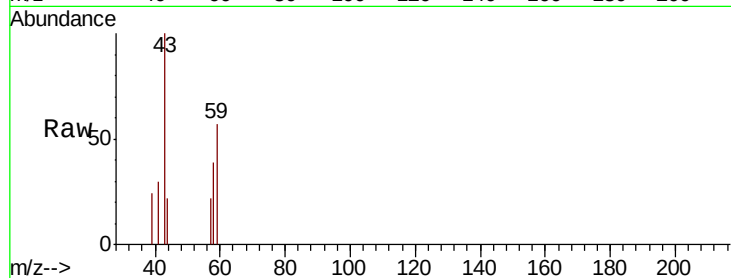




#59
2-Hexanone
Concen: 1.373 ug/l
RT: 10.73 min Scan# 2842
Delta R.T. 0.01 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

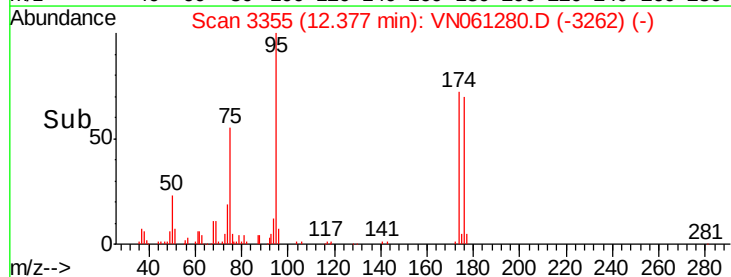
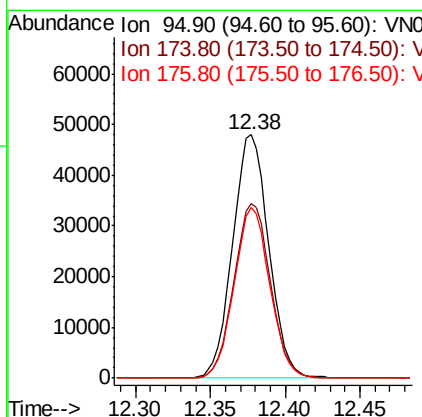
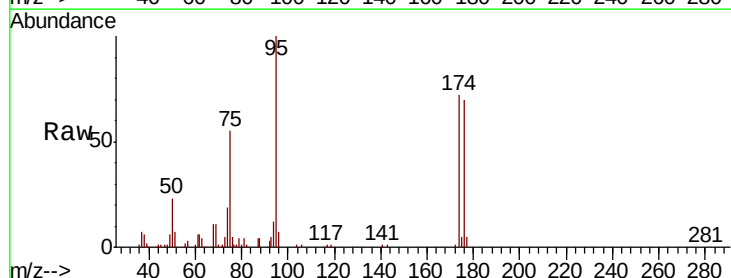
Instrument :
MSVOA_N
ClientSampleId :

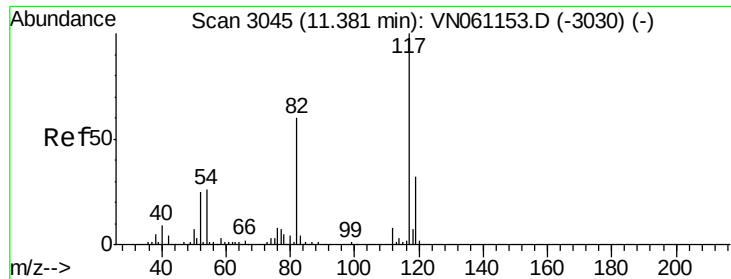
Tot Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
58 35.6 25.4 76.4



#62
4-Bromofluorobenzene
Concen: 51.424 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

Tgt Ion: 95 Resp: 80675
Ion Ratio Lower Upper
95 100
174 72.5 0.0 149.4
176 69.3 0.0 144.8

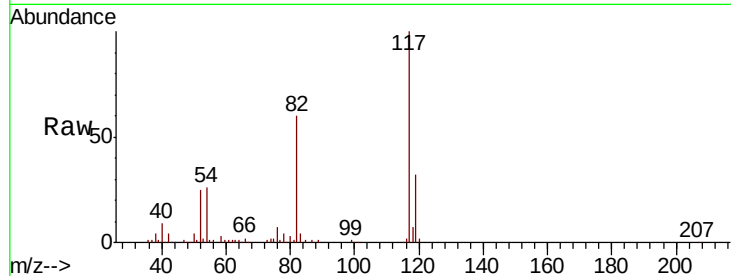




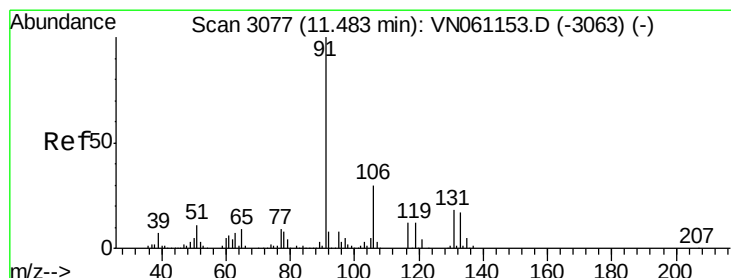
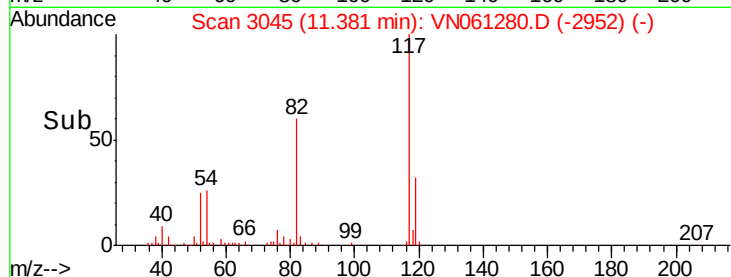
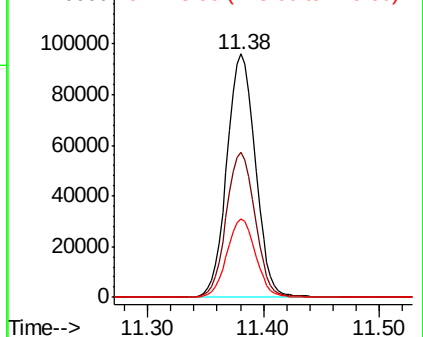
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 164005
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 32.3 25.8 38.6

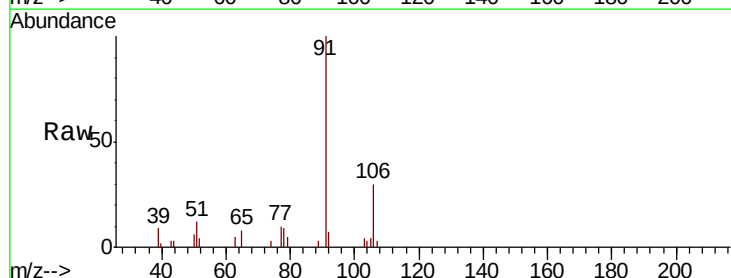


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

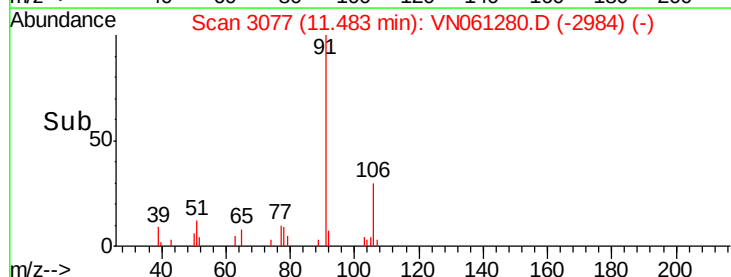
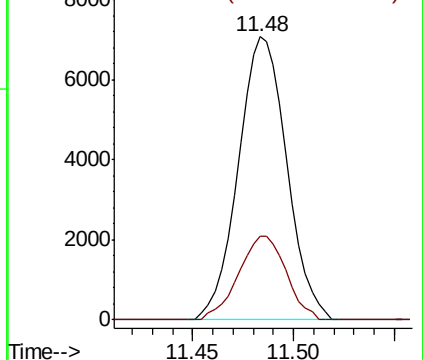


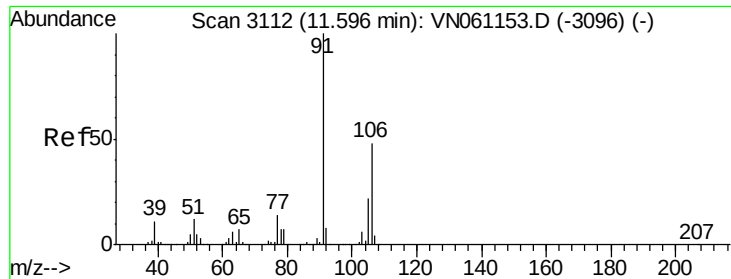
#67
Ethyl Benzene
Concen: 1.951 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

Tgt Ion: 91 Resp: 11881
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

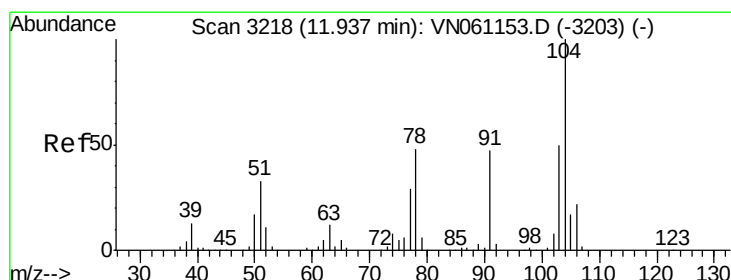
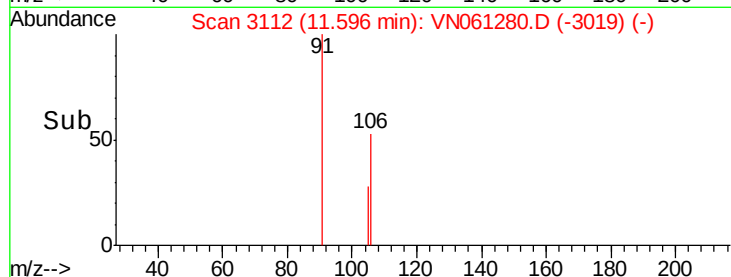
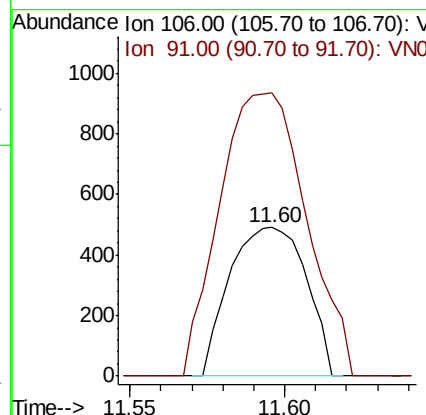
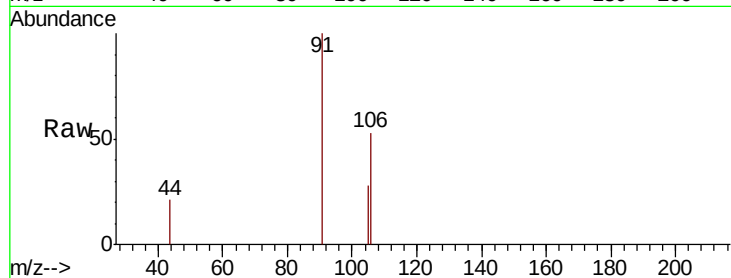




#68
m/p-Xylenes
Concen: 0.379 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

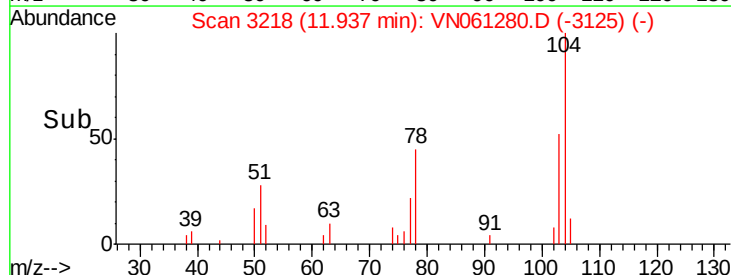
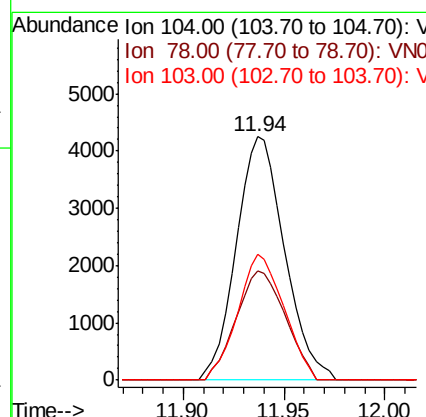
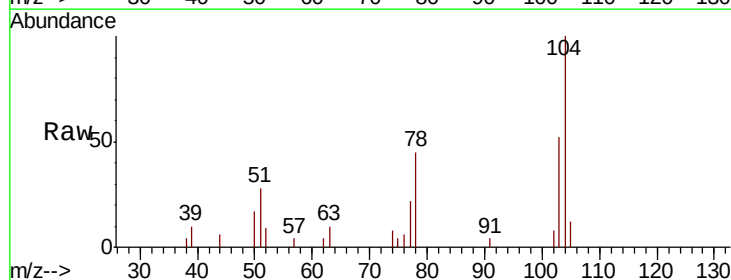
Instrument :
MSVOA_N
ClientSampled :

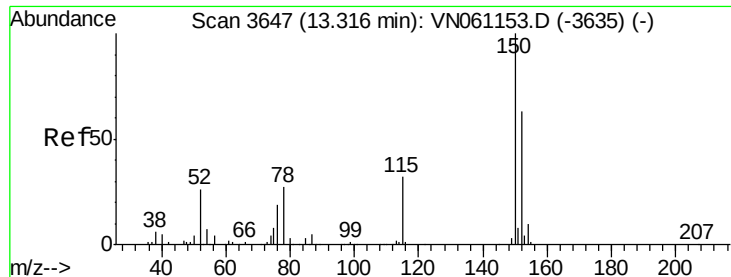
Tot Ion:106 Resp: 845
Ion Ratio Lower Upper
106 100
91 215.3 166.4 249.6



#70
Styrene
Concen: 1.988 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061280.D
Acq: 4 May 2020 16:03

Tgt Ion:104 Resp: 7124
Ion Ratio Lower Upper
104 100
78 45.6 42.1 63.1
103 49.2 43.3 64.9

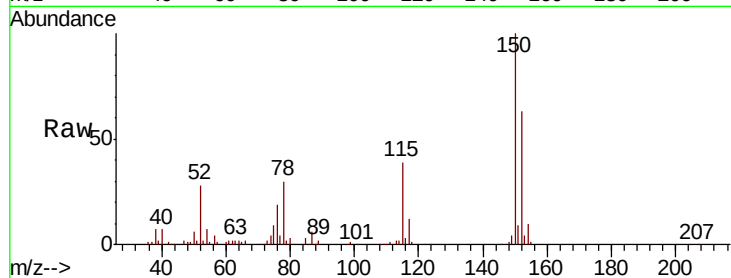




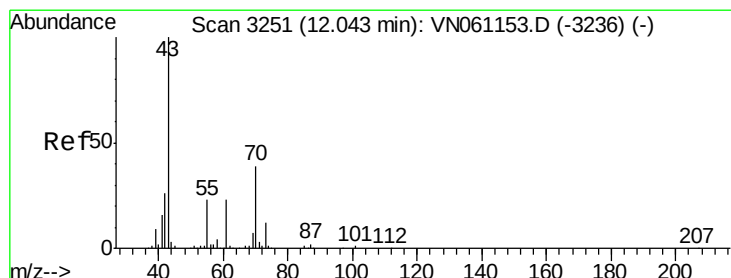
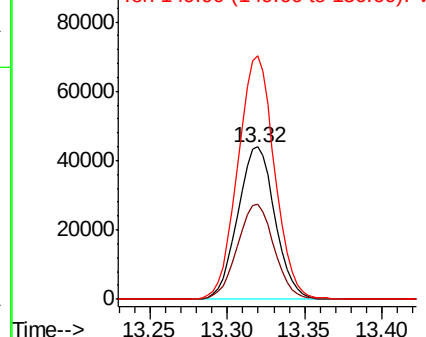
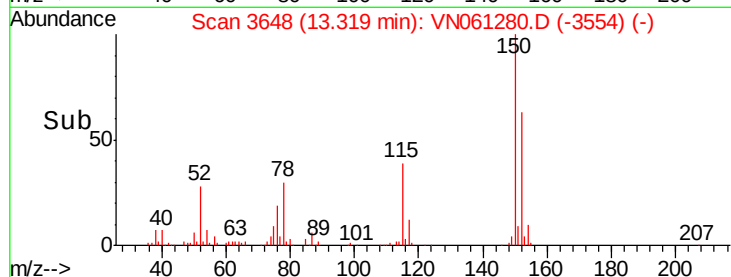
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3648
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 73438
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.0 93.0
 150 157.5 0.0 351.8

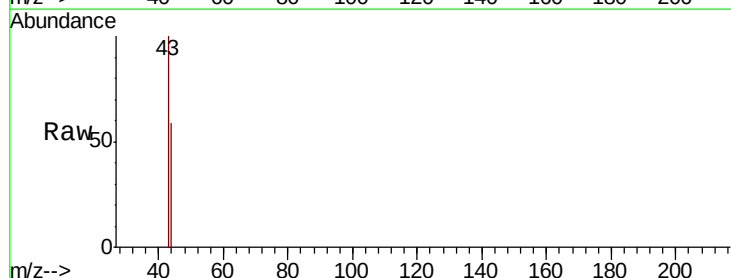


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

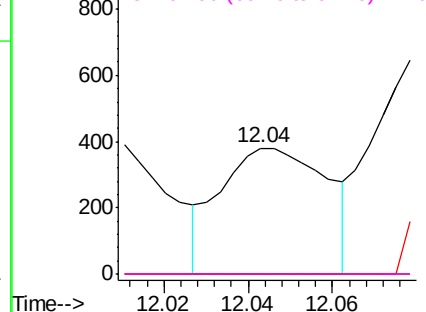
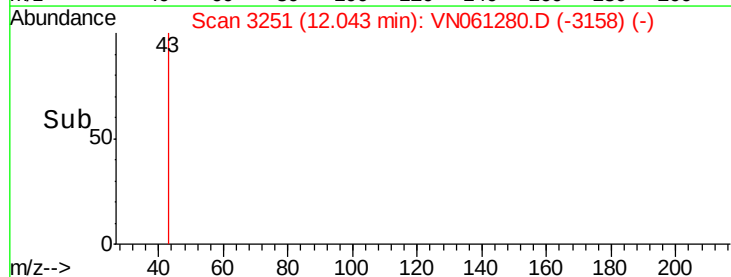


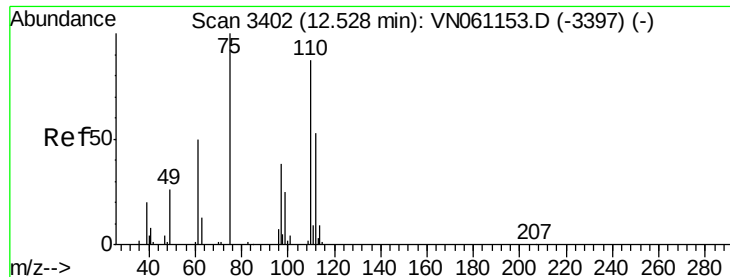
#74
 N-ethyl acetate
 Concen: 0.244 ug/l
 RT: 12.04 min Scan# 3251
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion: 43 Resp: 666
 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#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 70.00 (69.70 to 70.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 28.896 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

Instrument :

MSVOA_N

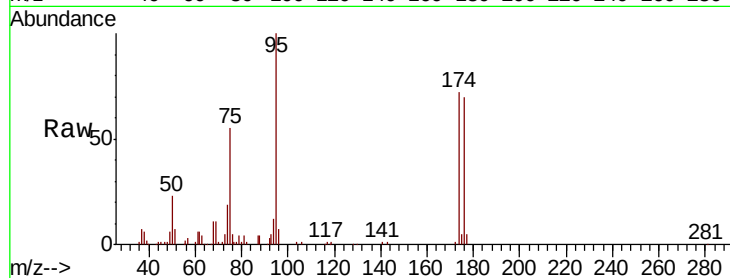
ClientSampled :

Tot Ion: 75 Resp: 44739

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

25000

20000

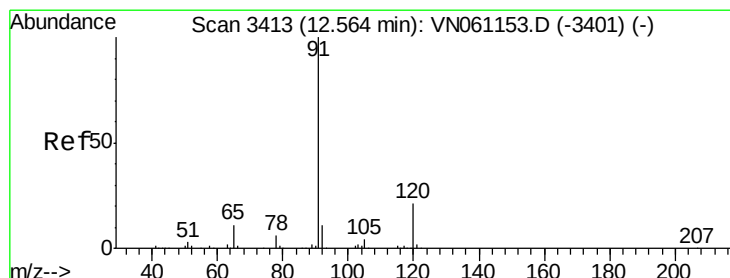
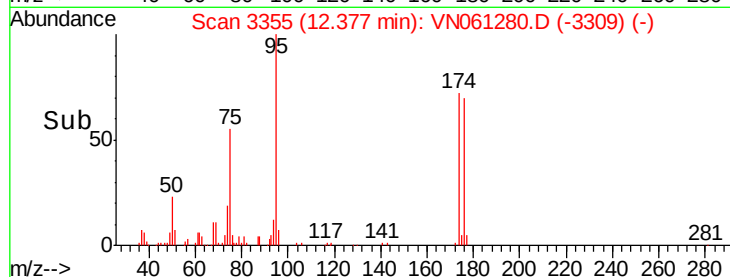
15000

10000

5000

0

Time--> 12.30 12.35 12.40 12.45



#78

n-propylbenzene

Concen: 0.211 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061280.D

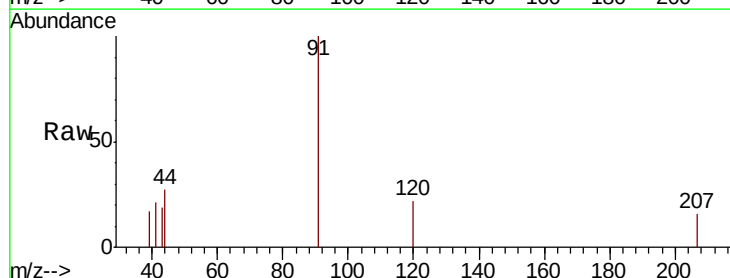
Acq: 4 May 2020 16:03

Tgt Ion: 91 Resp: 1349

Ion Ratio Lower Upper

91 100

120 7.9 10.8 32.3#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.57

1000

800

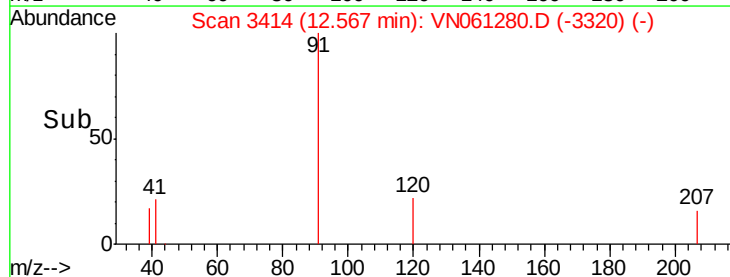
600

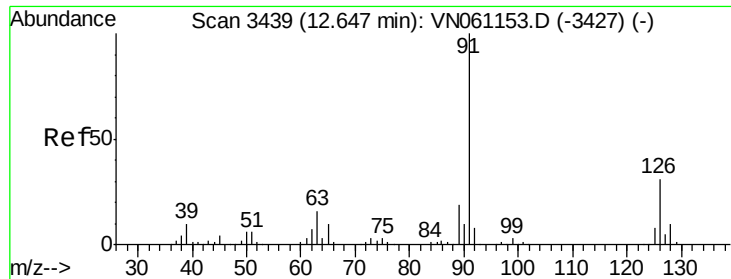
400

200

0

Time--> 12.55 12.60

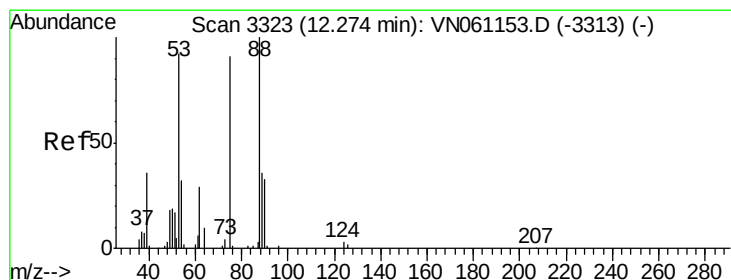
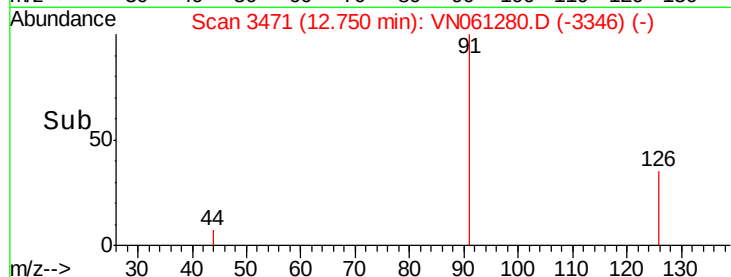
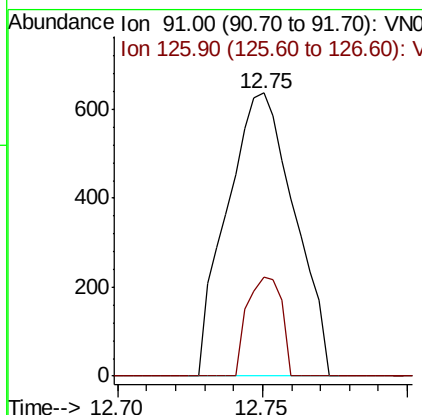
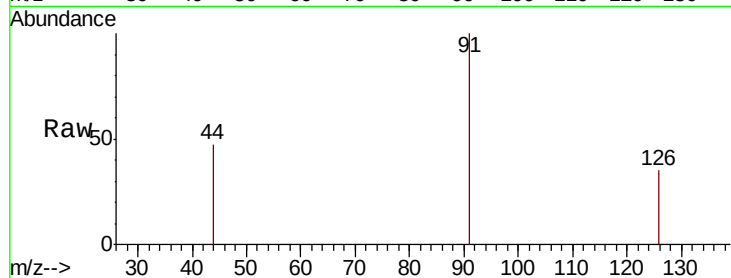




#79
 2-Chlorotoluene
 Concen: 0.273 ug/l
 RT: 12.75 min Scan# 3471
 Delta R.T. 0.10 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

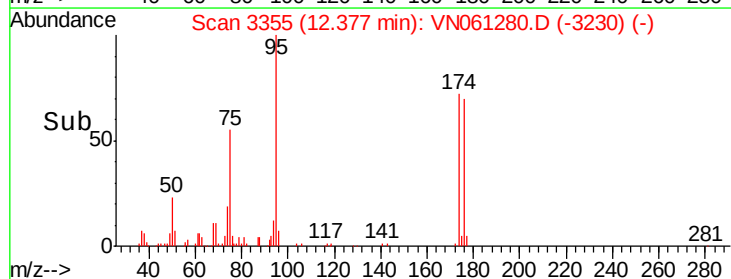
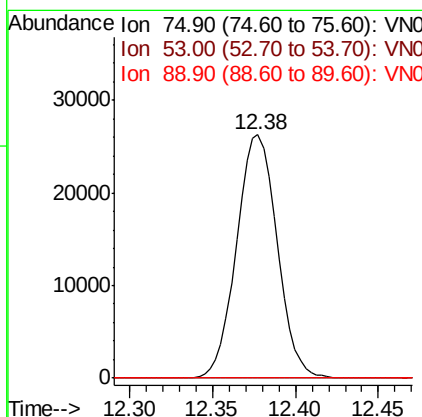
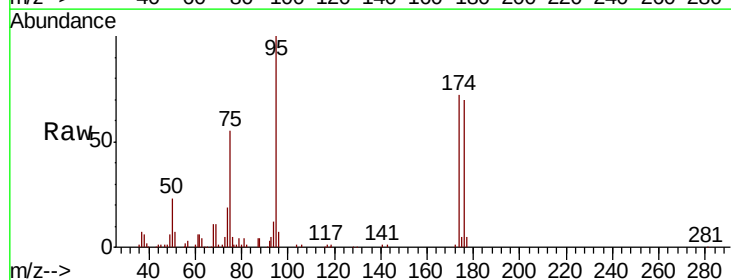
Instrument :
 MSVOA_N
 ClientSampleId :

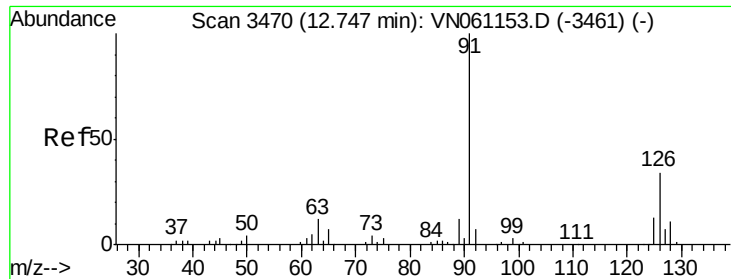
Tot Ion: 91 Resp: 1027
 Ion Ratio Lower Upper
 91 100
 126 17.9 15.9 47.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.381 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion: 75 Resp: 44739
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#





#82

4-Chlorotoluene

Concen: 0.259 ug/l

RT: 12.75 min Scan# 3471

Delta R.T. 0.00 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

Instrument :

MSVOA_N

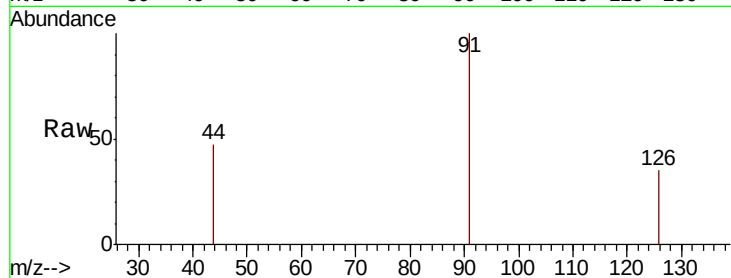
ClientSampled :

Tot Ion: 91 Resp: 1027

Ion Ratio Lower Upper

91 100

126 17.9 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

12.75

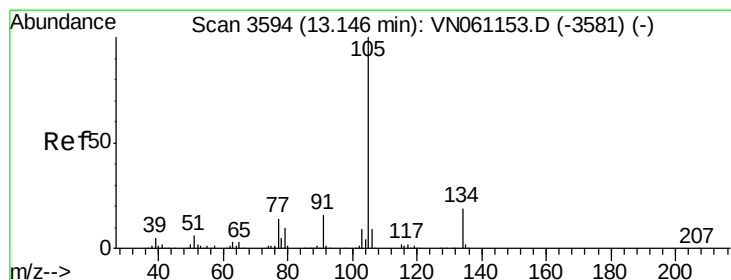
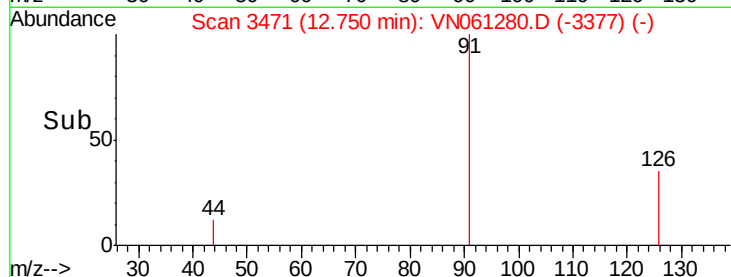
600

400

200

0

Time--> 12.70 12.75



#85

sec-Butylbenzene

Concen: 0.204 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061280.D

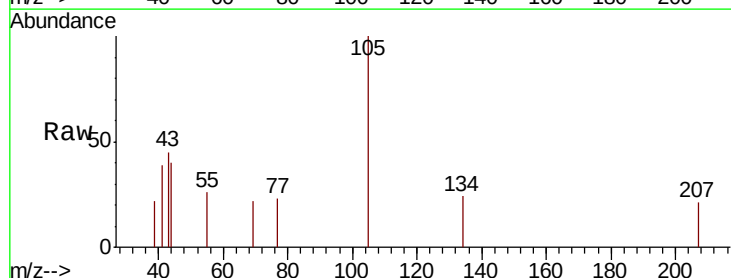
Acq: 4 May 2020 16:03

Tgt Ion: 105 Resp: 1046

Ion Ratio Lower Upper

105 100

134 6.4 9.6 28.8#



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3581) (-)

Ion 134.00 (133.70 to 134.70): VN061153.D (-3581) (-)

13.15

800

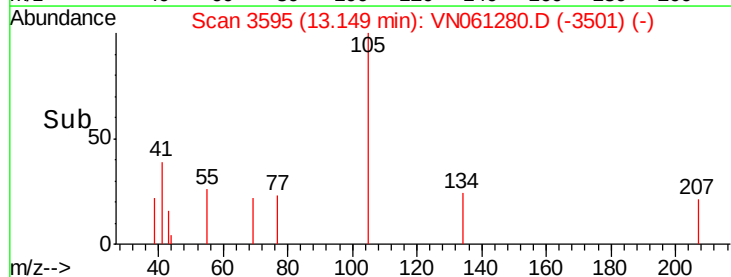
600

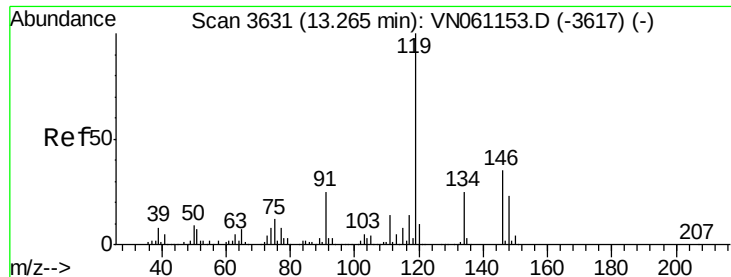
400

200

0

Time--> 13.10 13.15

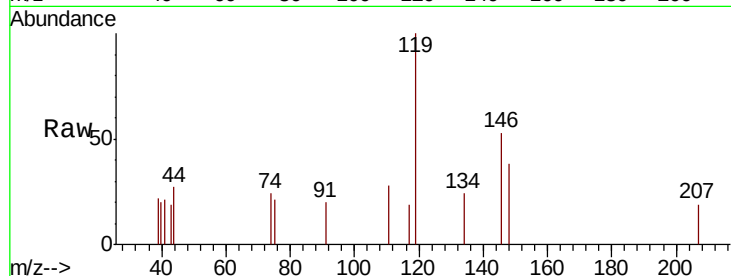




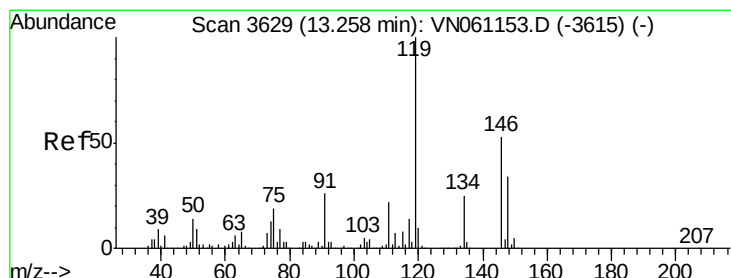
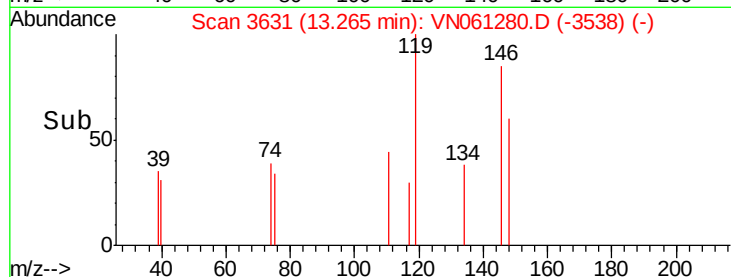
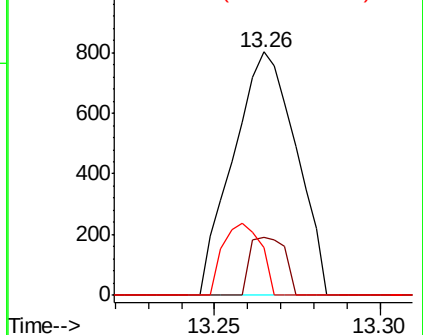
#86
 p-Isopropyltoluene
 Concen: 0.229 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 1059
 Ion Ratio Lower Upper
 119 100
 134 13.0 12.6 37.6
 91 17.8 12.7 38.0

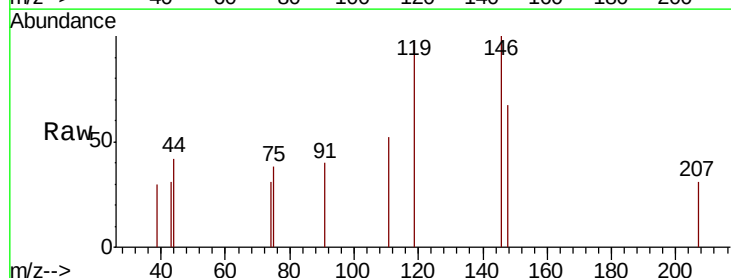


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

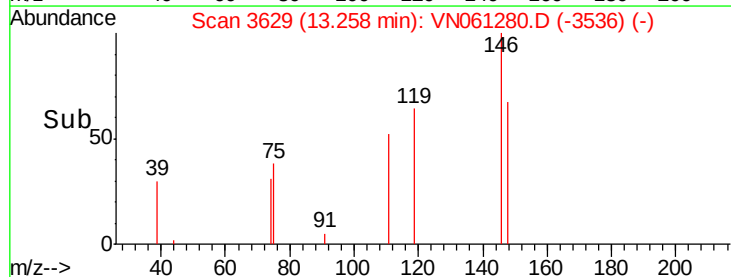
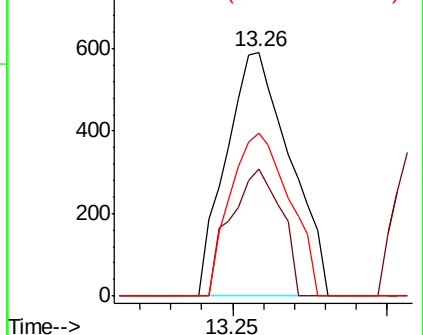


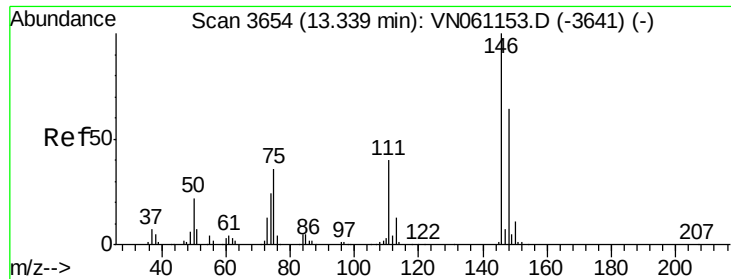
#87
 1,3-Dichlorobenzene
 Concen: 0.370 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion:146 Resp: 850
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.7 62.1
 148 61.8 31.8 95.3



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

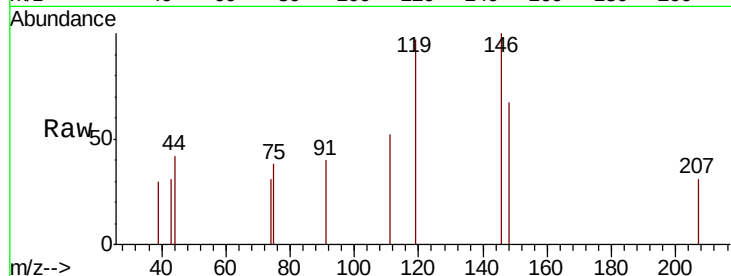




#88
 1,4-Dichlorobenzene
 Concen: 0.363 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. -0.08 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

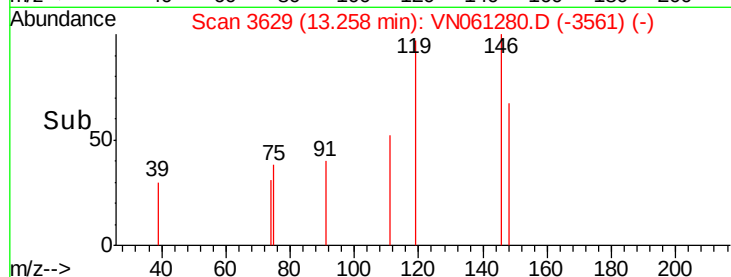
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	61.8	31.9	95.7

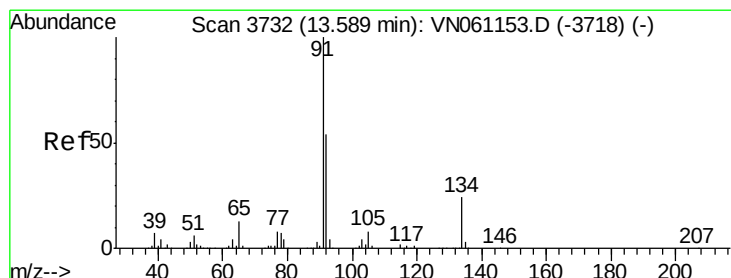


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

13.26

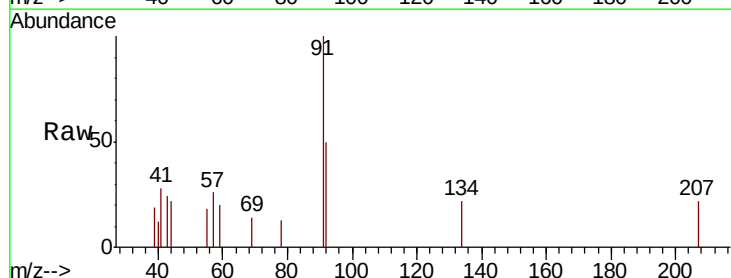


Time-->



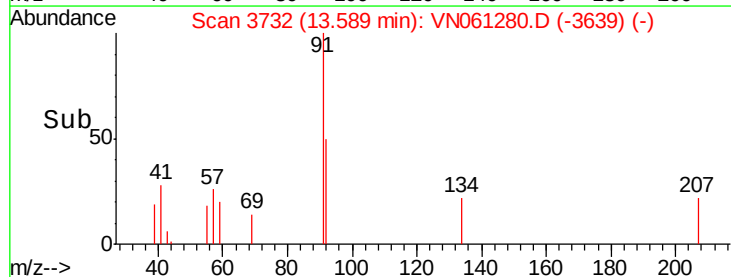
#89
 n-Butylbenzene
 Concen: 0.446 ug/l
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.3	26.8	80.3
134	20.0	11.9	35.5

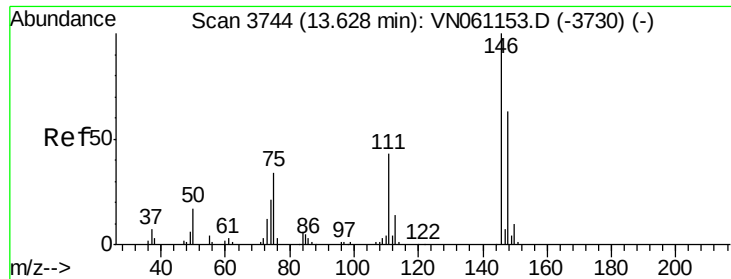


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 92.00 (91.70 to 92.70): VN0
 Ion 134.00 (133.70 to 134.70): V

13.59



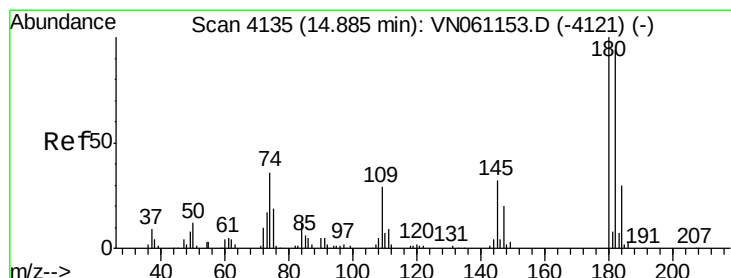
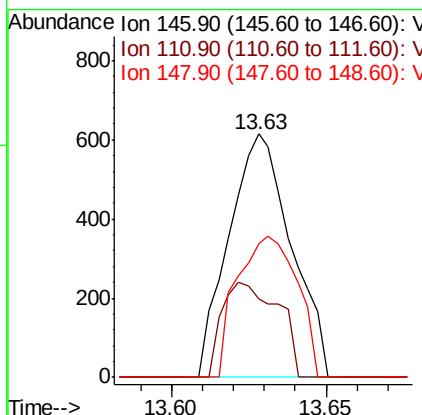
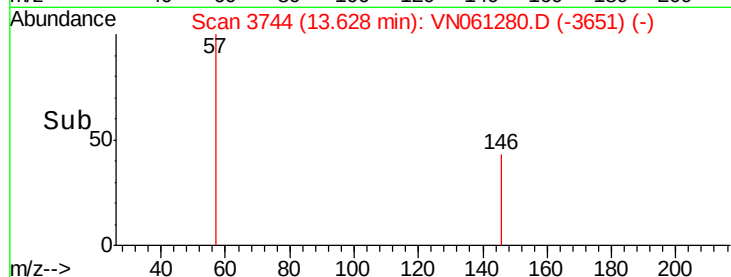
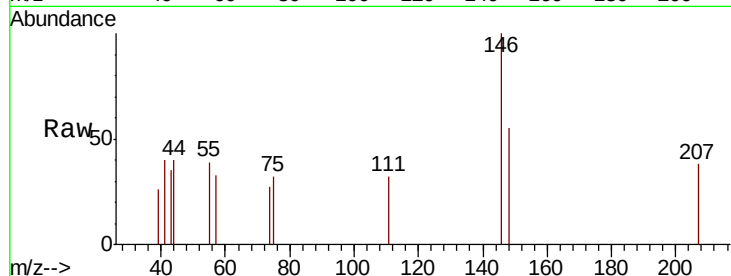
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 0.392 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

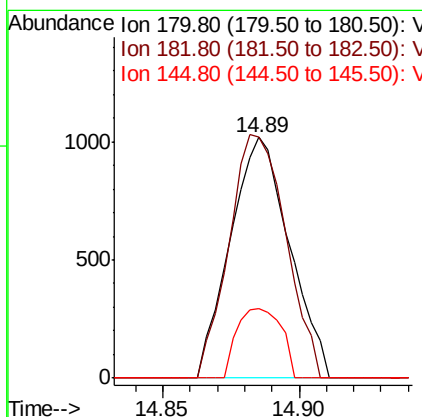
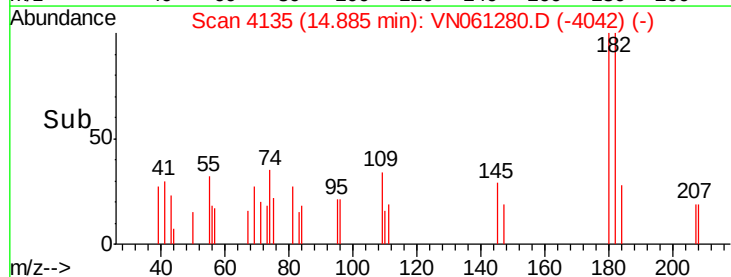
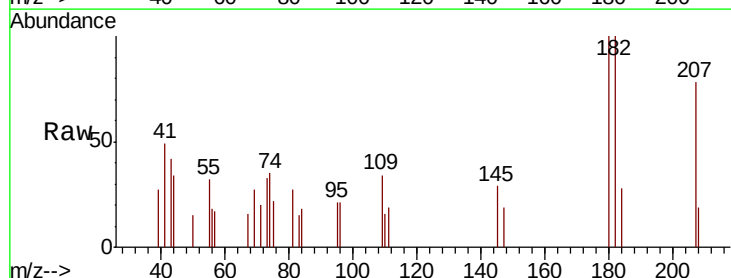
Instrument :
 MSVOA_N
 ClientSampled :

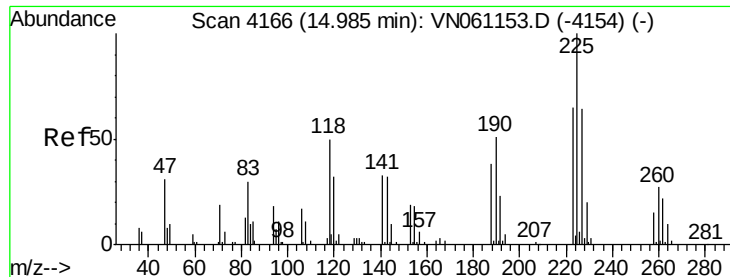
Tot Ion:146 Resp: 863
 Ion Ratio Lower Upper
 146 100
 111 35.3 21.8 65.3
 148 55.9 31.6 95.0



#93
 1,2,4-Trichlorobenzene
 Concen: 1.143 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061280.D
 Acq: 4 May 2020 16:03

Tgt Ion:180 Resp: 1531
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.3 141.9
 145 21.6 16.0 47.9





#94

Hexachlorobutadiene

Concen: 1.117 ug/l

RT: 14.98 min Scan# 4166

Delta R.T. 0.00 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

Instrument :

MSVOA_N

ClientSampled :

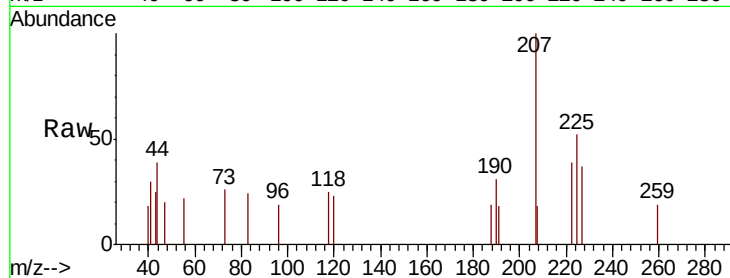
Tot Ion:225 Resp: 625

Ion Ratio Lower Upper

225 100

223 60.6 32.4 97.0

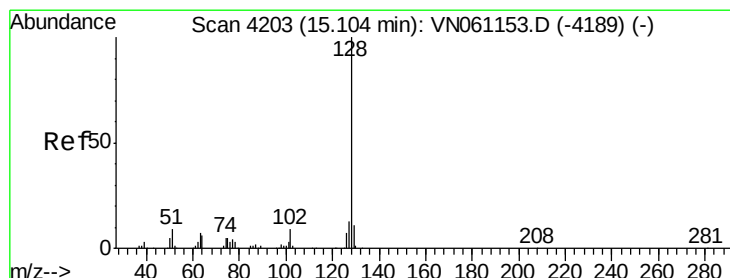
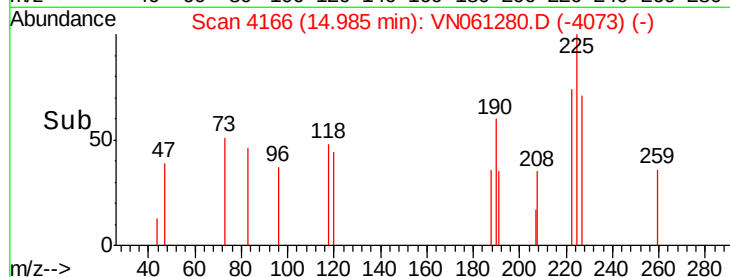
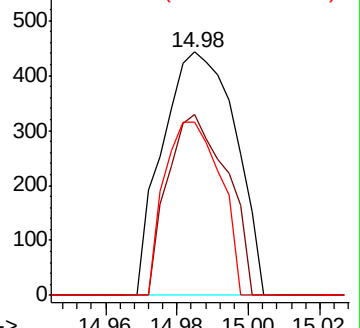
227 54.7 32.4 97.0



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



#95

Naphthalene

Concen: 1.455 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

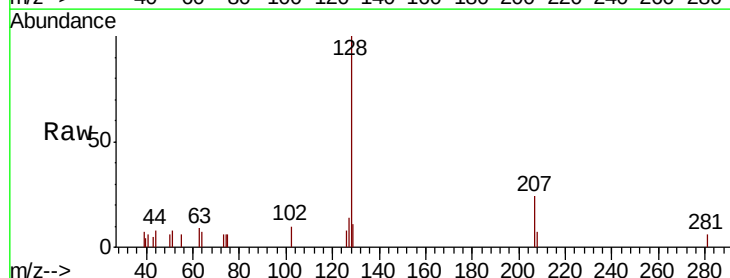
Tgt Ion:128 Resp: 6347

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

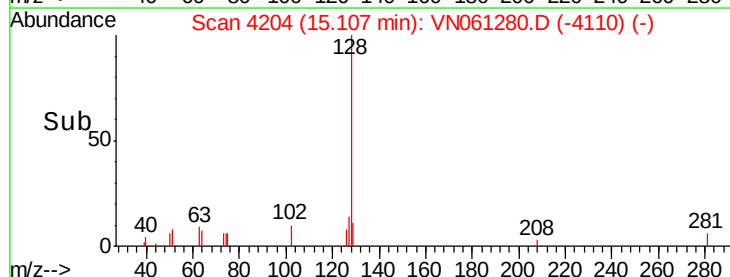
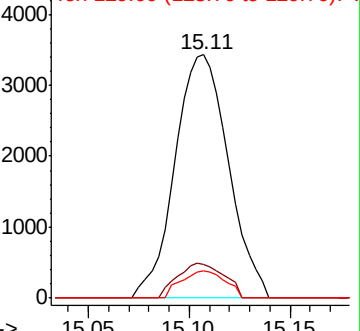
129 9.3 8.7 13.1

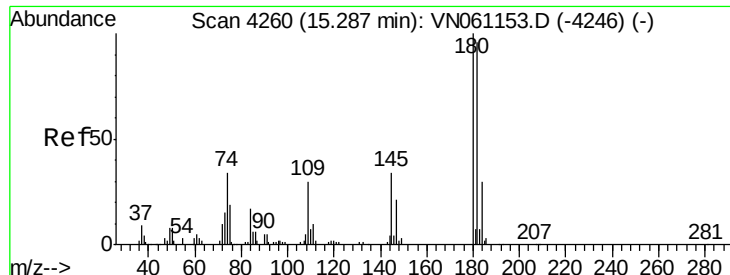


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 1.231 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061280.D

Acq: 4 May 2020 16:03

Instrument :

MSVOA_N

ClientSampleId :

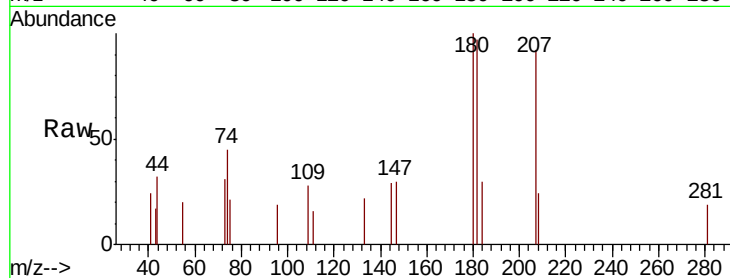
Tot Ion:180 Resp: 1628

Ion Ratio Lower Upper

180 100

182 98.5 47.5 142.5

145 29.3 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

