

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061313.D
 Acq On : 6 May 2020 16:36
 Operator : JC/MD
 Sample : L2464-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 03:11:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	110533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	199590	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	199063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90137	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	90343	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
35) Dibromofluoromethane	7.55	113	53392	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
50) Toluene-d8	10.06	98	253387	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.38	95	99507	54.96	ug/l	0.00
Spiked Amount			Recovery	=	109.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.37	74	661	0.871	ug/l	75
11) Tert butyl alcohol	4.73	59	193	0.824	ug/l #	72
16) Acetone	3.78	43	28255	37.066	ug/l	98
17) Carbon Disulfide	4.01	76	661	0.205	ug/l #	75
18) Methyl Acetate	4.28	43	1320	1.269	ug/l #	55
20) Methylene Chloride	4.50	84	2945	2.159	ug/l #	85
25) 2-Butanone	6.78	43	4439	4.289	ug/l	97
29) Tetrahydrofuran	7.16	42	183	0.262	ug/l #	37
31) Cyclohexane	7.62	56	5103	2.006	ug/l #	50
36) 1,1-Dichloropropene	7.63	75	10512	5.261	ug/l #	49
37) Ethyl Acetate	6.78	43	4439	1.895	ug/l #	71
38) Carbon Tetrachloride	7.63	117	11584	8.351	ug/l #	16
39) Methylcyclohexane	9.04	83	1571	0.701	ug/l	97
40) Benzene	8.00	78	5492	0.923	ug/l	100
41) Methacrylonitrile	7.15	41	1131	1.163	ug/l #	100
43) Isopropyl Acetate	8.12	43	22667	5.831	ug/l #	89
48) Methyl methacrylate	9.14	41	1929	1.100	ug/l #	16
51) 4-Methyl-2-Pentanone	9.95	43	16338	7.140	ug/l	94
52) Toluene	10.13	92	5320828	1484.039	ug/l #	68
53) t-1,3-Dichloropropene	10.13	75	92770	38.956	ug/l #	1
54) cis-1,3-Dichloropropene	9.88	75	8300	3.297	ug/l #	61
56) Ethyl methacrylate	10.33	69	7581	5.603	ug/l #	43
57) 1,3-Dichloropropane	10.73	76	775	0.308	ug/l #	43
59) 2-Hexanone	10.73	43	14511	8.717	ug/l #	54
67) Ethyl Benzene	11.48	91	114020	15.425	ug/l	99
68) m/p-Xylenes	11.59	106	180702	66.786	ug/l	97
69) o-Xylene	11.92	106	65719	25.286	ug/l	96
70) Styrene	11.92	104	3972	0.913	ug/l #	1
73) Isopropylbenzene	12.23	105	1564	0.236	ug/l	78
76) 1,2,3-Trichloropropane	12.37	75	56016	29.477	ug/l #	100
78) n-propylbenzene	12.57	91	3226	0.410	ug/l	93
79) 2-Chlorotoluene	12.63	91	1793	0.388	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	3540	0.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	56016	74.856	ug/l #	8

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
Data File : VN061313.D
Acq On : 6 May 2020 16:36
Operator : JC/MD
Sample : L2464-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 07 03:11:30 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

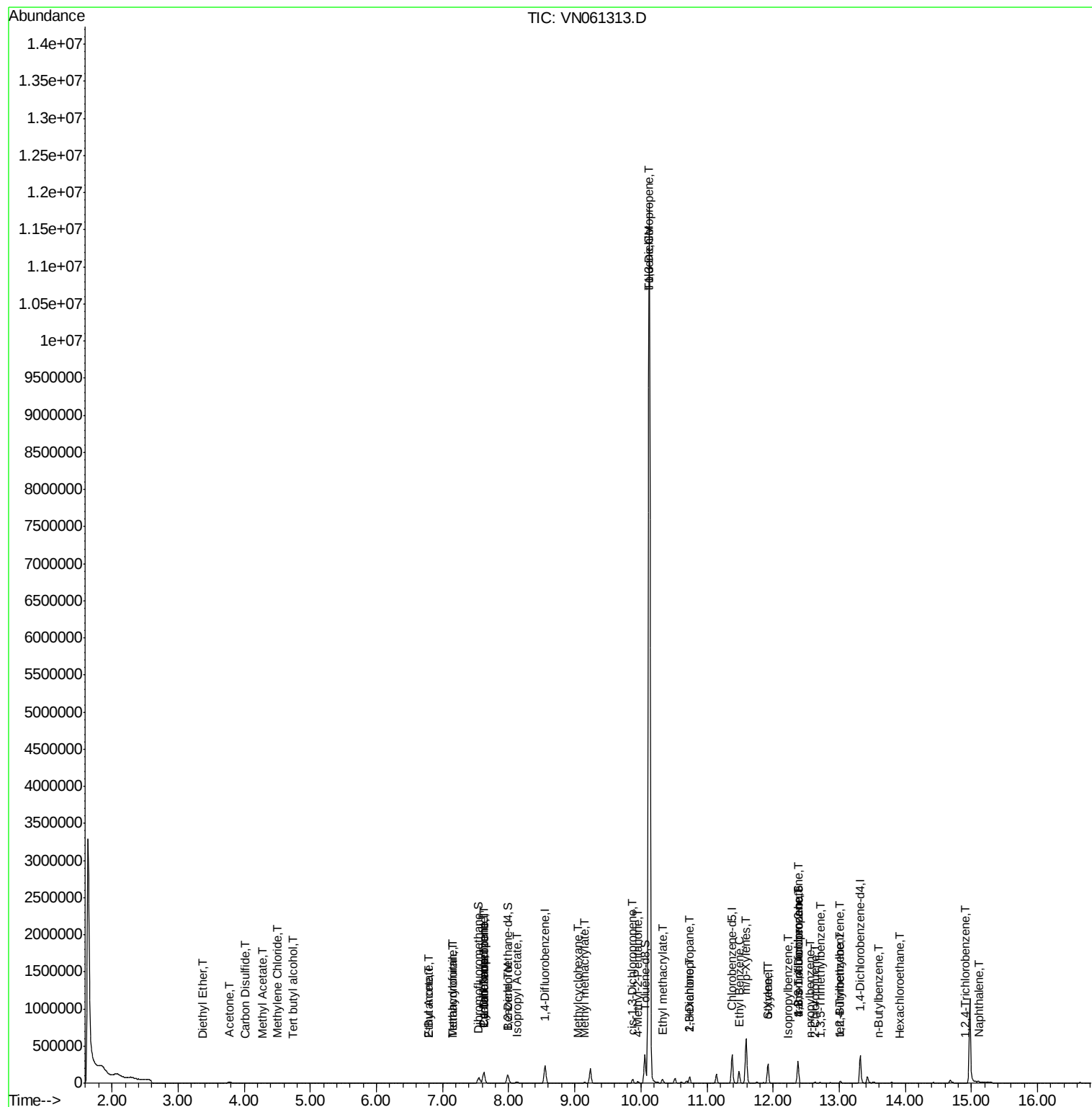
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.01	119	1719	0.372	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.01	105	14254	2.523	ug/l	99
89) n-Butylbenzene	13.59	91	1109	0.213	ug/l #	76
90) Hexachloroethane	13.92	117	413	8.217	ug/l #	14
93) 1,2,4-Trichlorobenzene	14.89	180	395	0.240	ug/l #	84
95) Naphthalene	15.11	128	7888	1.473	ug/l #	97

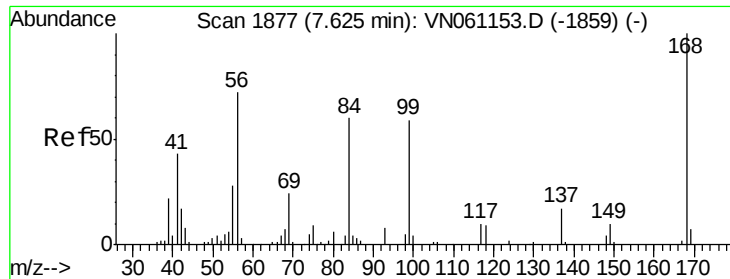
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050620\
Data File : VN061313.D
Acq On : 6 May 2020 16:36
Operator : JC/MD
Sample : L2464-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 07 03:11:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

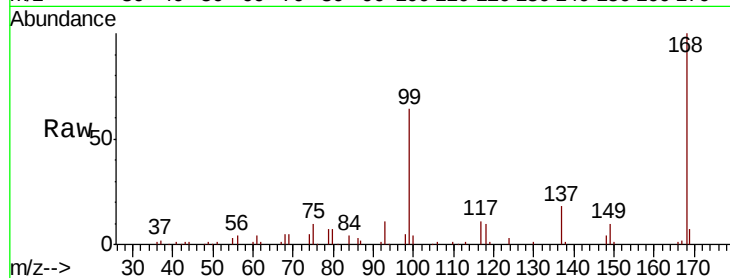
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 110533

Ion Ratio Lower Upper

168 100

99 64.1 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

50000

40000

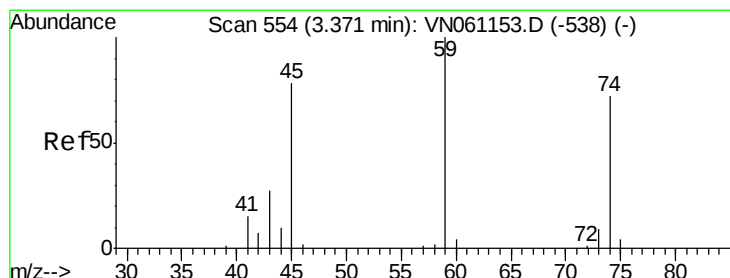
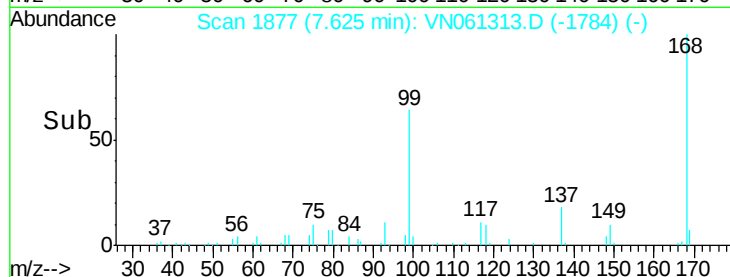
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#8

Diethyl Ether

Concen: 0.871 ug/l

RT: 3.37 min Scan# 555

Delta R.T. 0.00 min

Lab File: VN061313.D

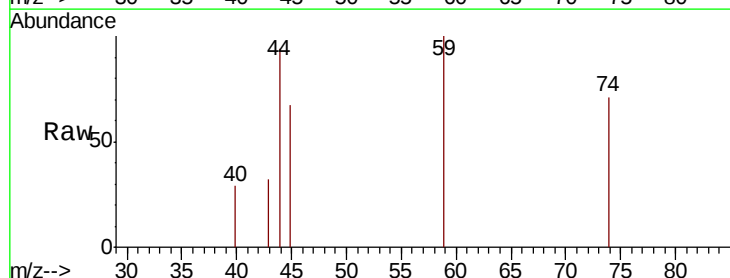
Acq: 6 May 2020 16:36

Tgt Ion: 74 Resp: 661

Ion Ratio Lower Upper

74 100

45 132.7 53.3 160.0



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.37

400

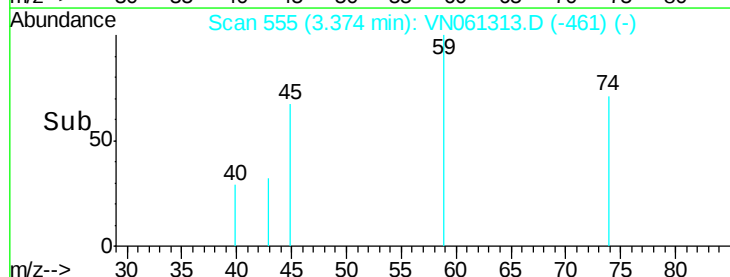
300

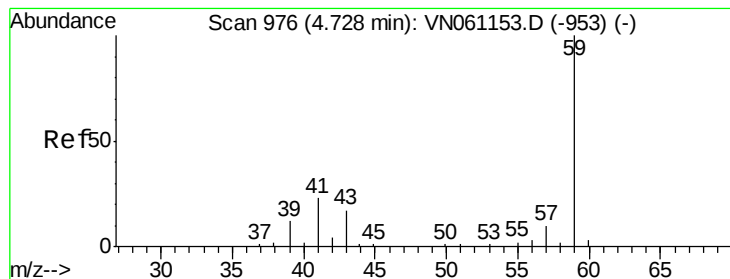
200

100

0

Time--> 3.34 3.36 3.38 3.40



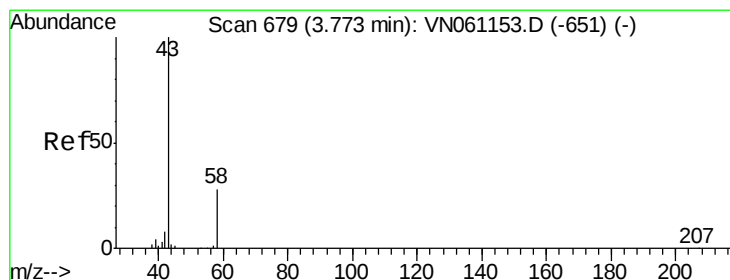
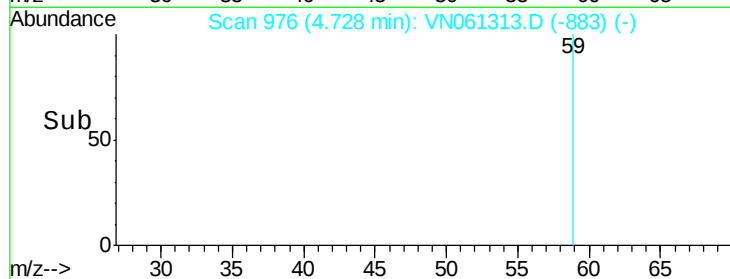
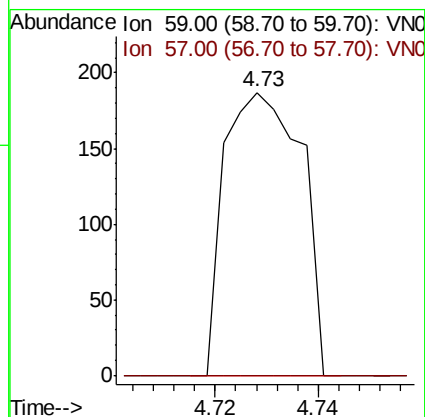
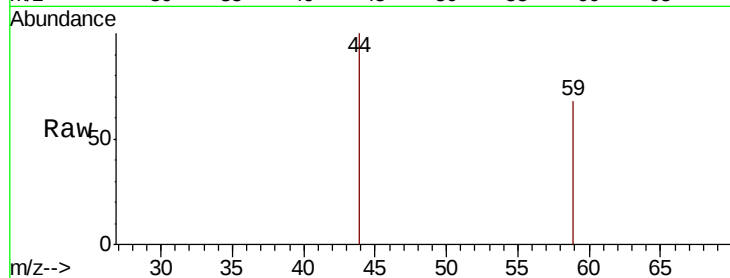


#11

Tert butyl alcohol
 Concen: 0.824 ug/l
 RT: 4.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :

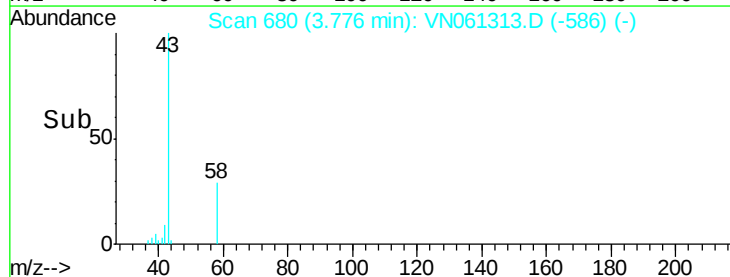
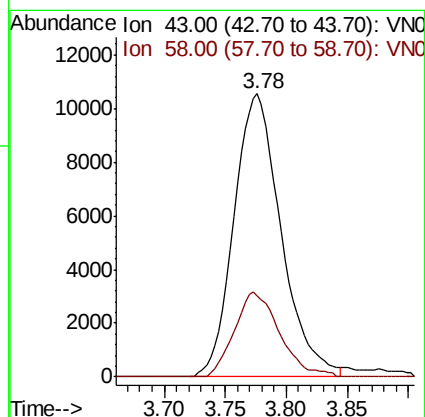
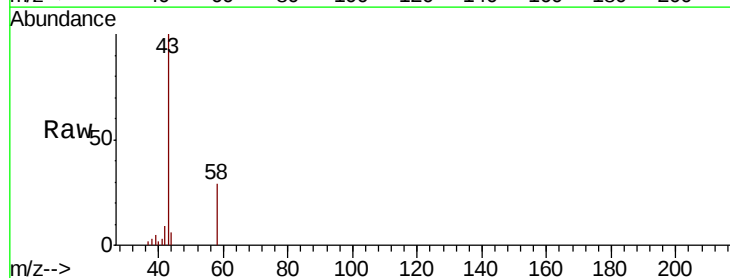
Tot Ion: 59 Resp: 193
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

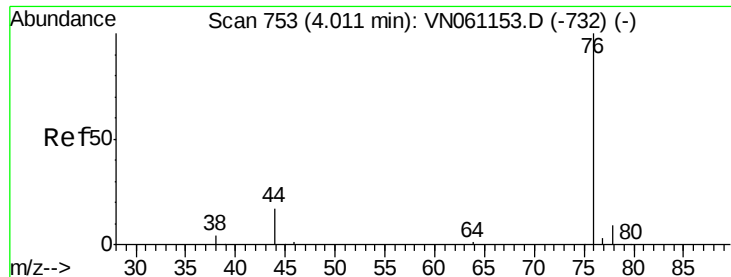


#16

Acetone
 Concen: 37.066 ug/l
 RT: 3.78 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion: 43 Resp: 28255
 Ion Ratio Lower Upper
 43 100
 58 28.8 22.2 33.2

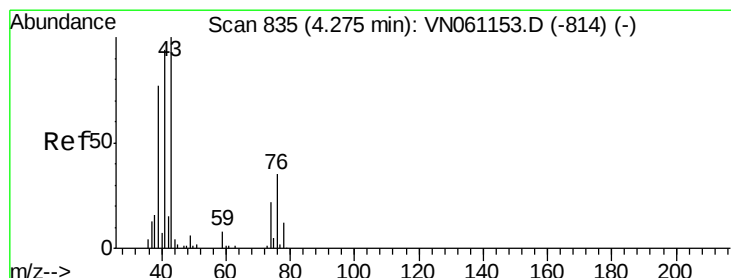
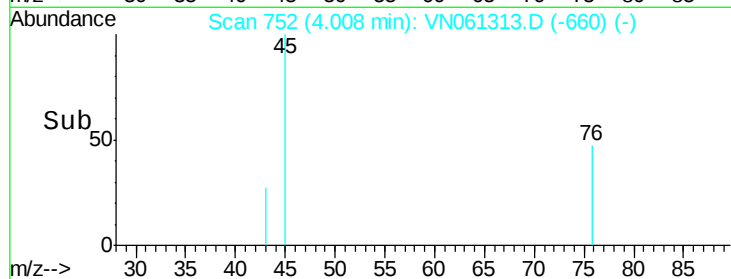
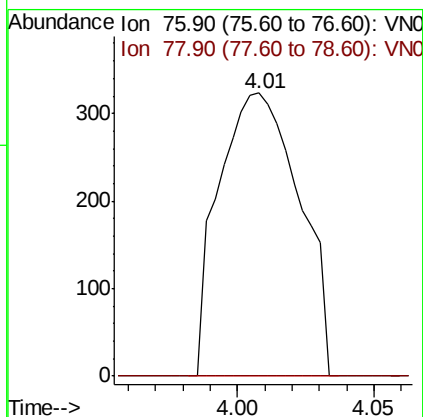
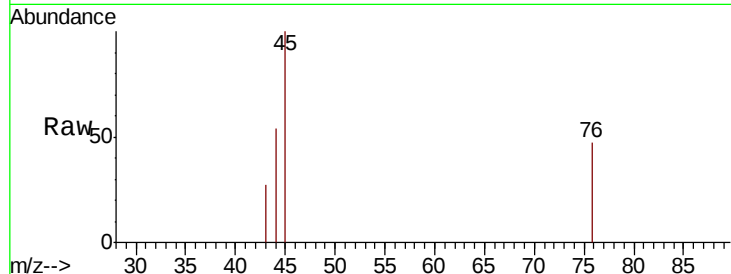




#17
Carbon Disulfide
Concen: 0.205 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

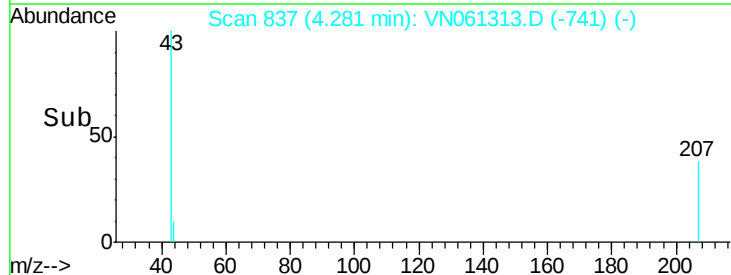
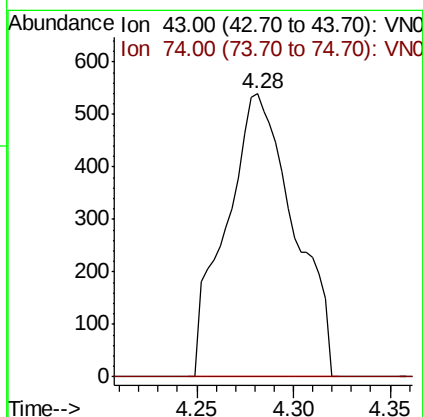
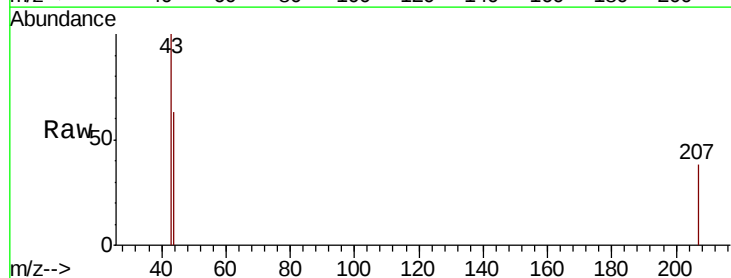
Instrument :
MSVOA_N
ClientSampled :

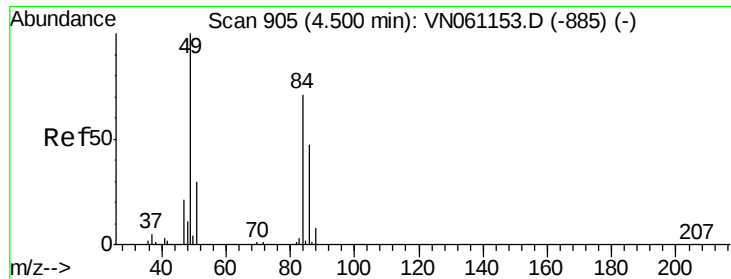
Tot Ion: 76 Resp: 661
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.269 ug/l
RT: 4.28 min Scan# 837
Delta R.T. 0.01 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#

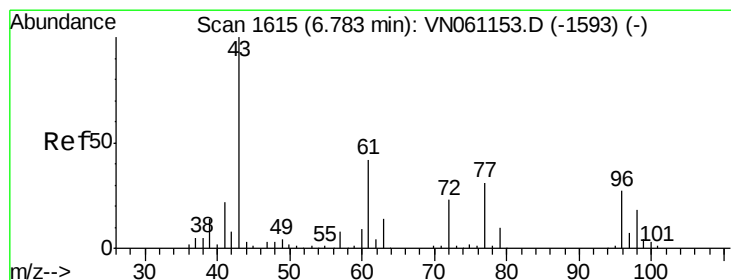
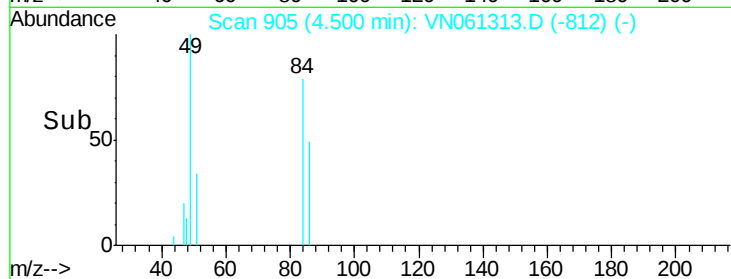
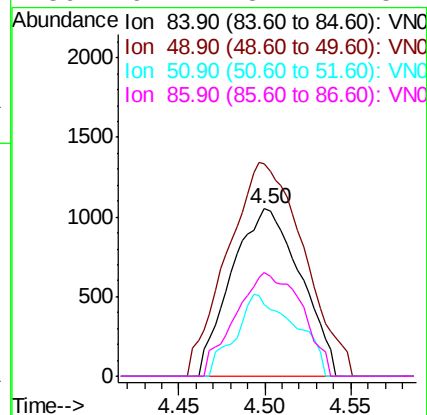
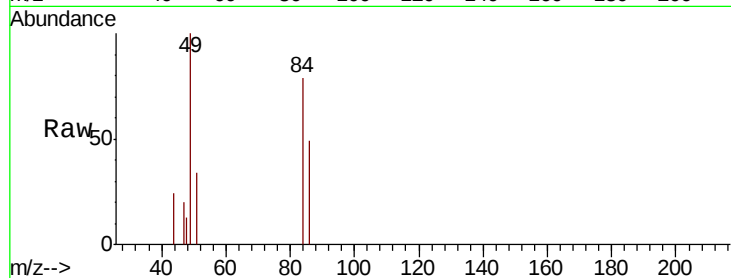




#20
Methvlene Chloride
Concen: 2.159 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

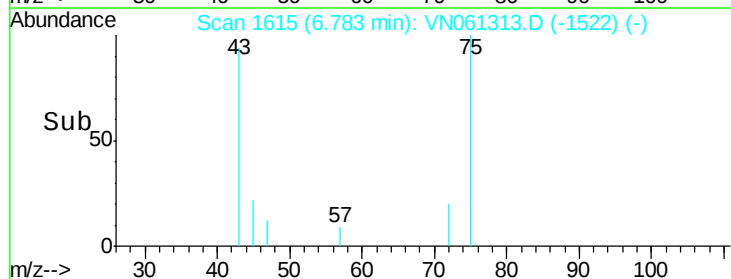
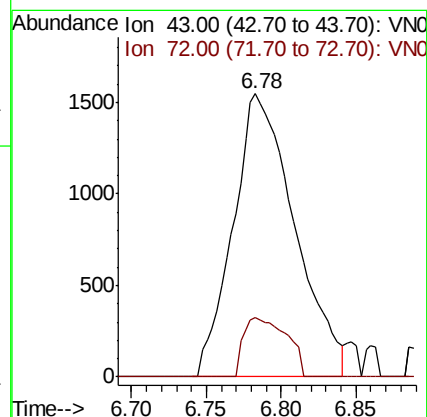
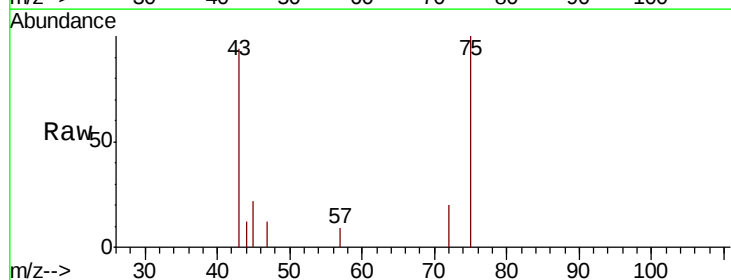
Instrument :
MSVOA_N
ClientSampleId :

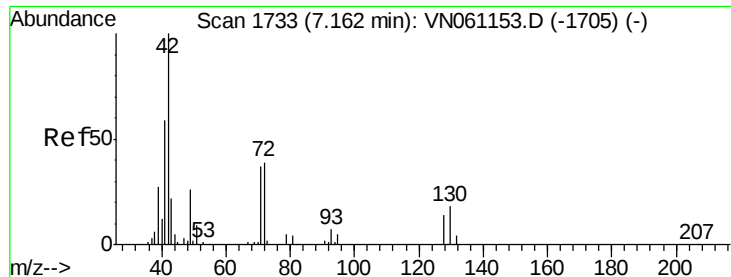
Tot Ion: 84 Resp: 2945
Ion Ratio Lower Upper
84 100
49 109.5 112.0 168.0#
51 43.1 33.6 50.4
86 62.1 52.1 78.1



#25
2-Butanone
Concen: 4.289 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 43 Resp: 4439
Ion Ratio Lower Upper
43 100
72 21.2 18.2 27.4

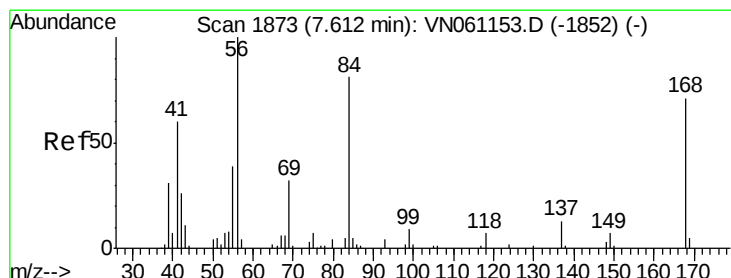
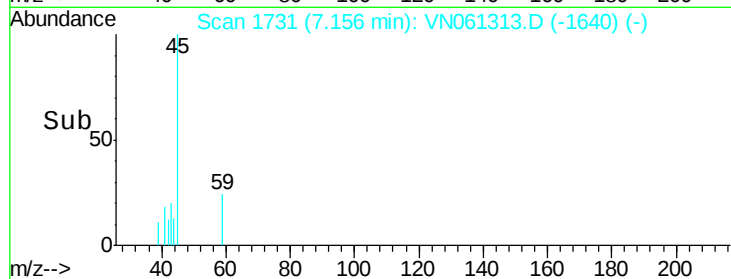
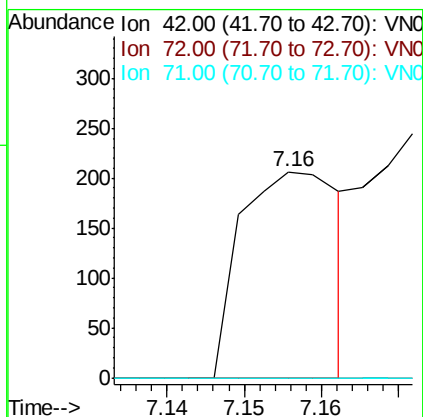
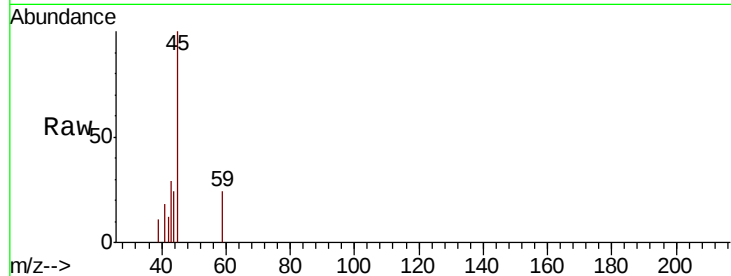




#29
Tetrahydrofuran
Concen: 0.262 ug/l
RT: 7.16 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

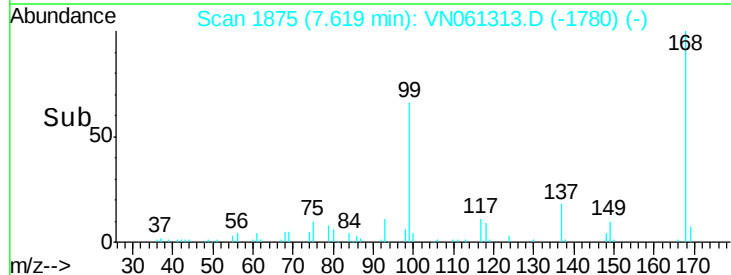
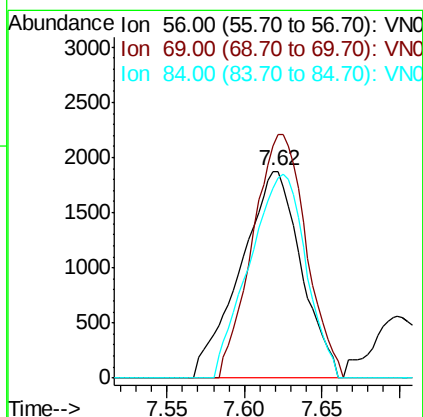
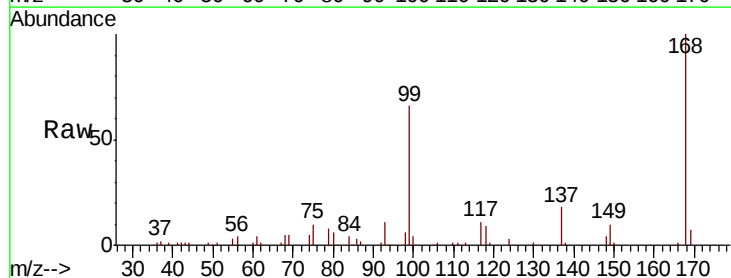
Instrument :
MSVOA_N
ClientSampleId :

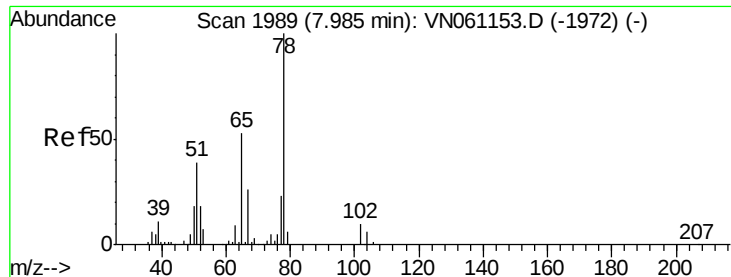
Tot Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
72 0.0 31.4 47.0#
71 0.0 29.5 44.3#



#31
Cyclohexane
Concen: 2.006 ug/l
RT: 7.62 min Scan# 1875
Delta R.T. 0.01 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 56 Resp: 5103
Ion Ratio Lower Upper
56 100
69 112.2 25.7 38.5#
84 91.8 64.6 97.0

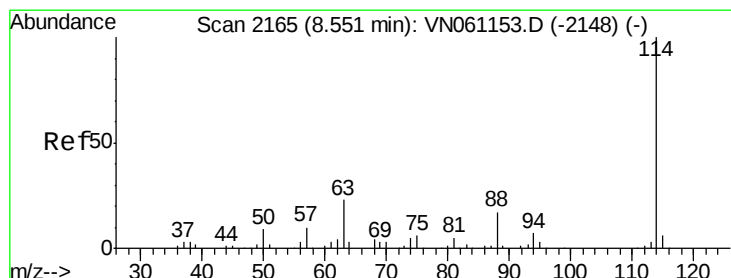
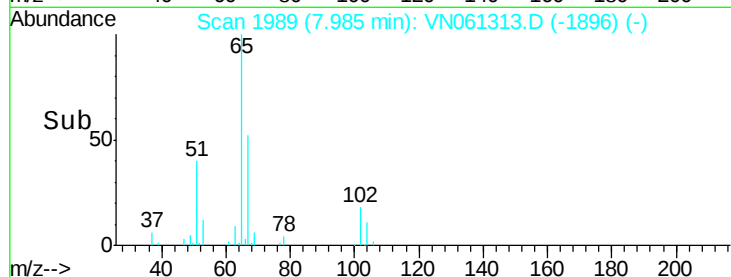
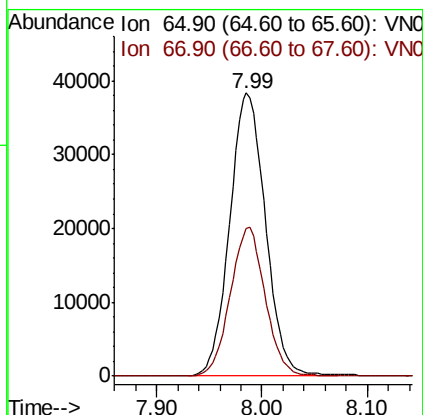
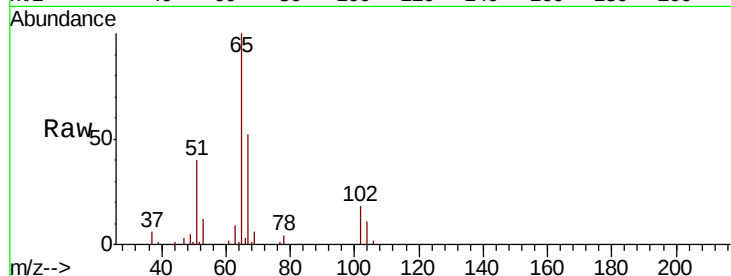




#33
 1,2-Dichloroethane-d4
 Concen: 51.655 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

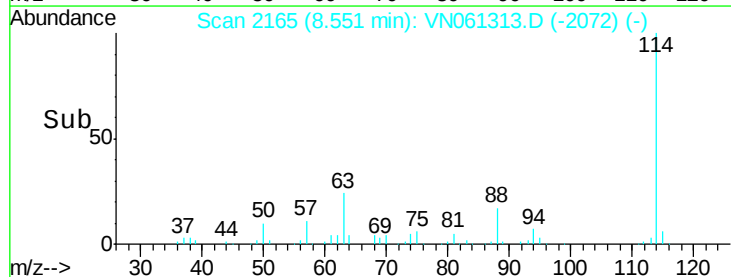
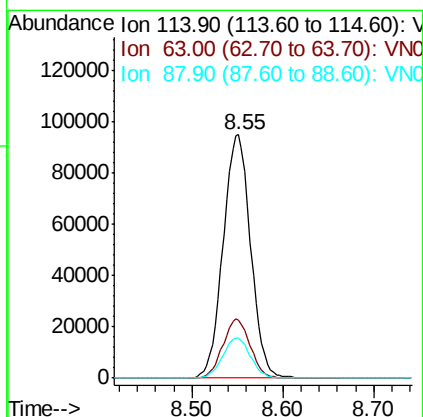
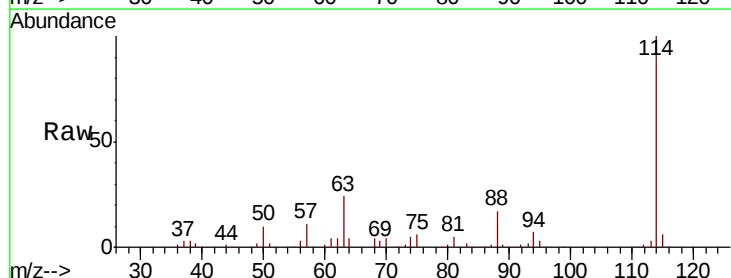
Instrument :
 MSVOA_N
 ClientSampleId :

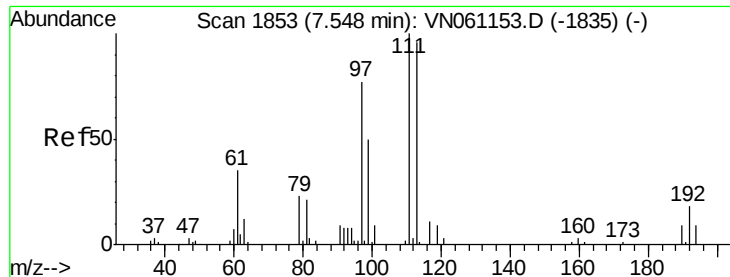
Tot Ion: 65 Resp: 90343
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion: 114 Resp: 199590
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.7 0.0 33.4

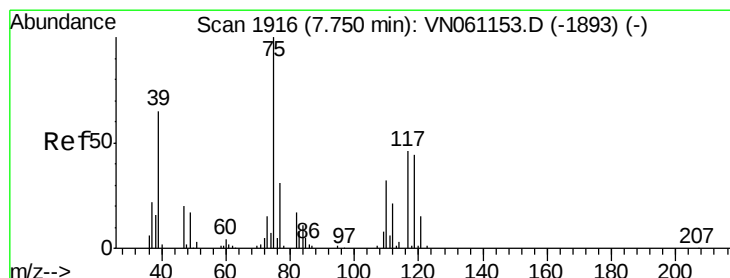
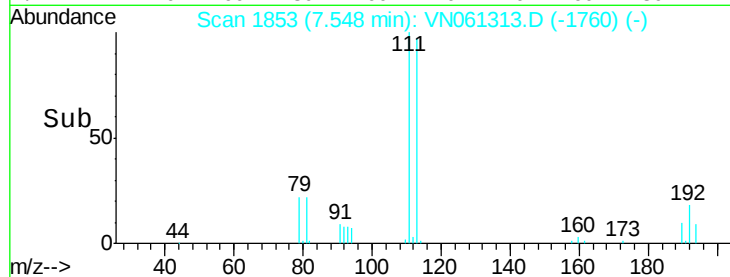
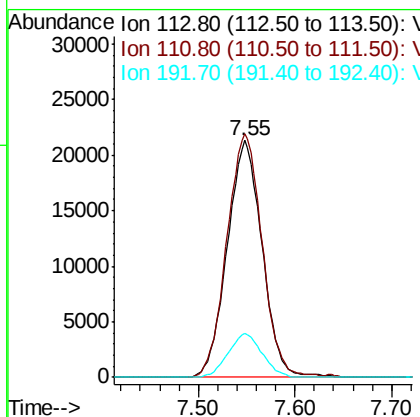
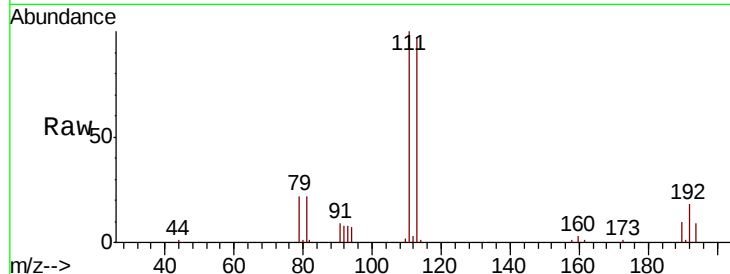




#35
 Dibromofluoromethane
 Concen: 45.239 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

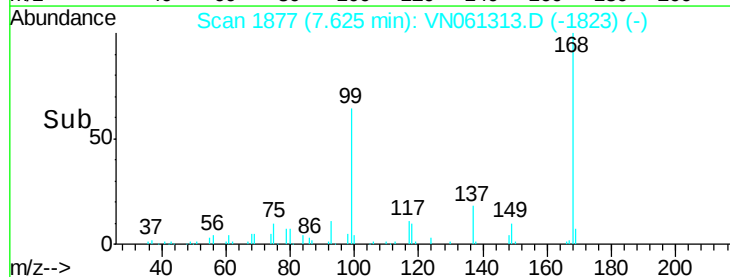
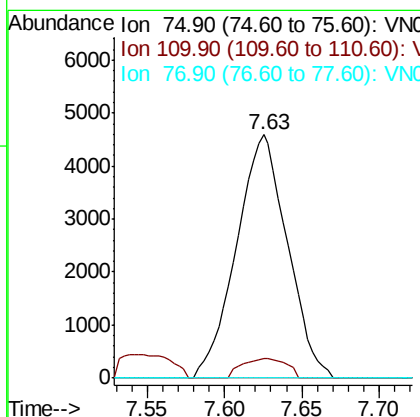
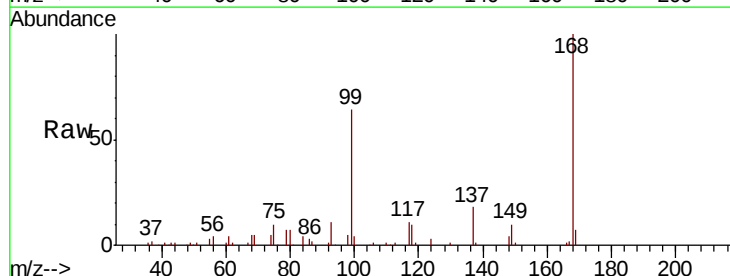
Instrument :
 MSVOA_N
 ClientSampleId :

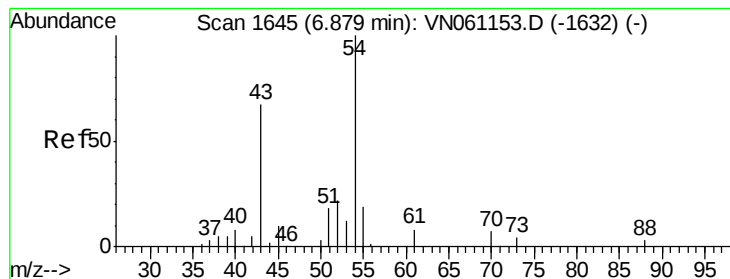
Tot Ion:113 Resp: 53392
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 17.9 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 5.261 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion: 75 Resp: 10512
 Ion Ratio Lower Upper
 75 100
 110 6.9 16.0 48.0#
 77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.895 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. -0.10 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

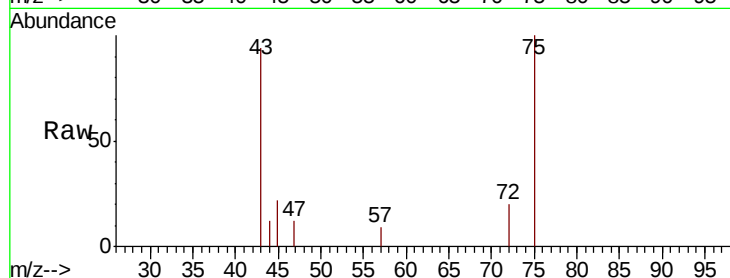
Tot Ion: 43 Resp: 4439

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.2#

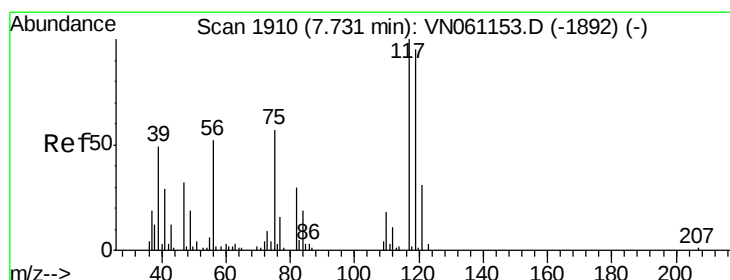
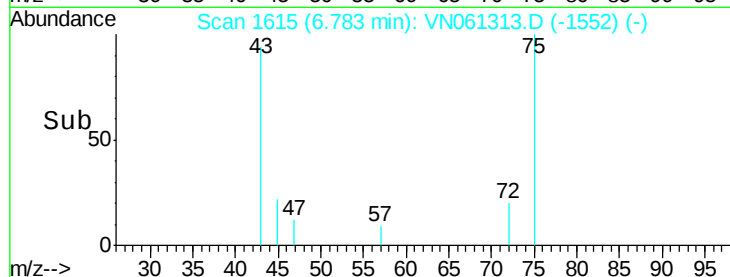
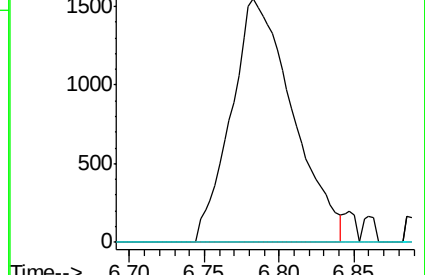
70 0.0 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1632) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1632) (-)

Ion 70.00 (69.70 to 70.70): VN061153.D (-1632) (-)



#38

Carbon Tetrachloride

Concen: 8.351 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. -0.11 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

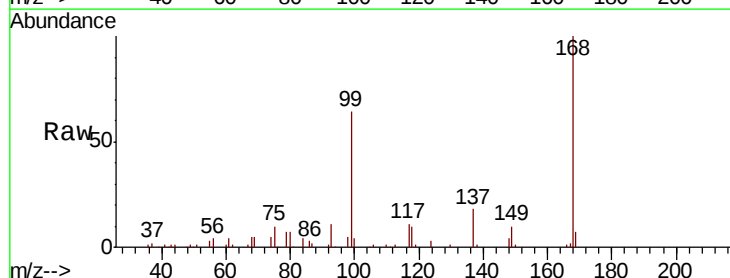
Tgt Ion: 117 Resp: 11584

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

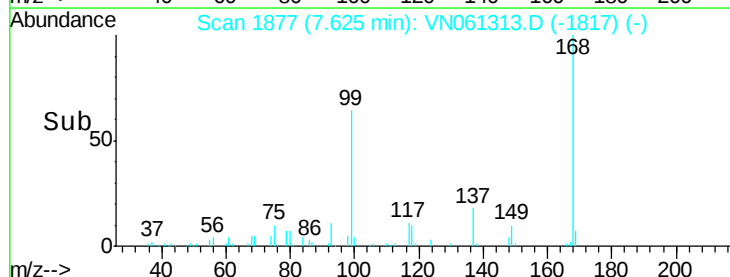
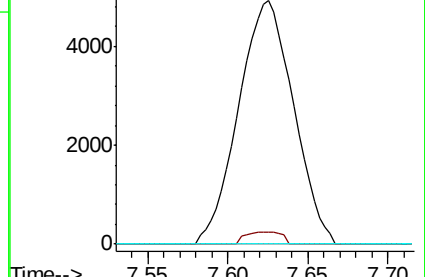
121 0.0 24.7 37.1#

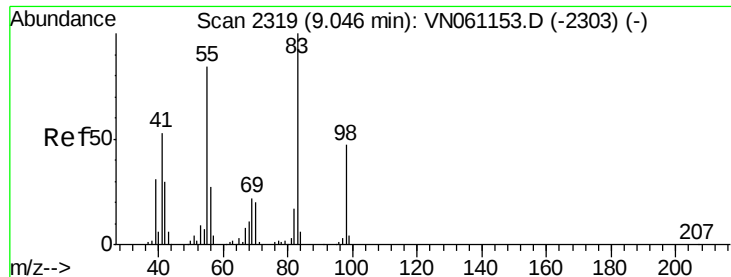


Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-1892) (-)

Ion 118.80 (118.50 to 119.50): VN061153.D (-1892) (-)

Ion 120.80 (120.50 to 121.50): VN061153.D (-1892) (-)

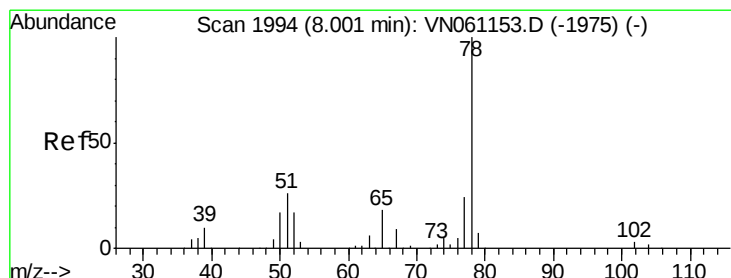
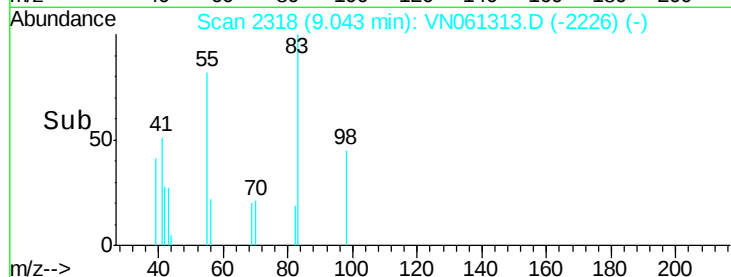
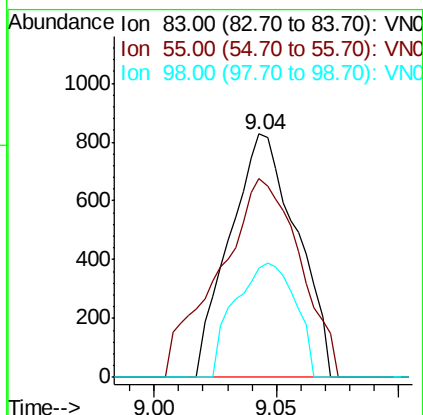
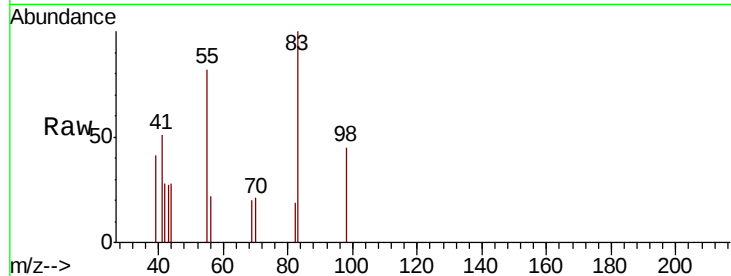




#39
Methvlcvclohexane
Concen: 0.701 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

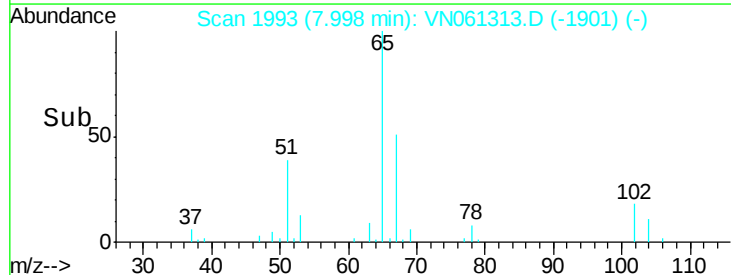
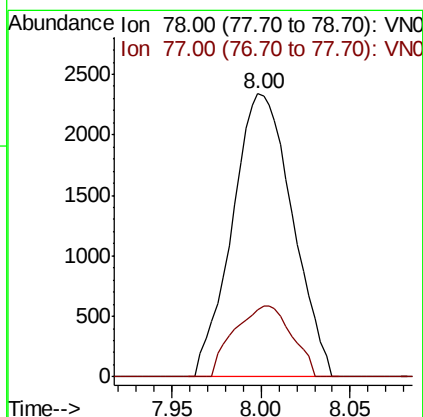
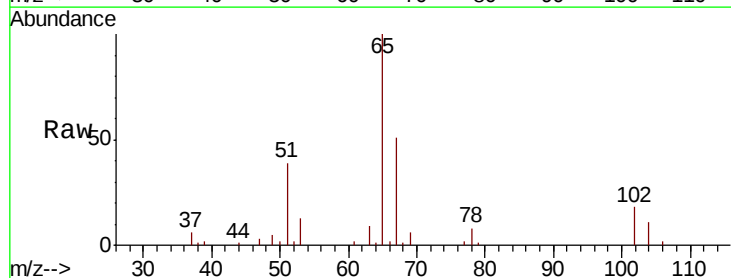
Instrument :
MSVOA_N
ClientSampled :

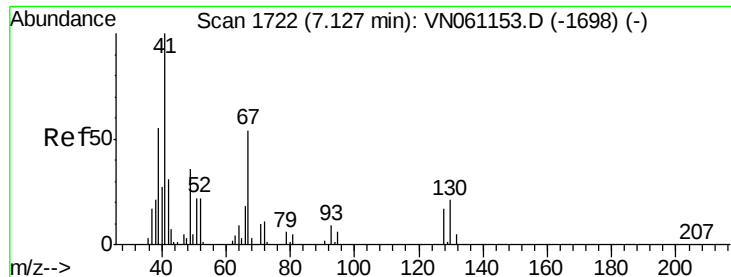
Tot Ion: 83 Resp: 1571
Ion Ratio Lower Upper
83 100
55 81.5 67.3 100.9
98 44.7 37.7 56.5



#40
Benzene
Concen: 0.923 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 78 Resp: 5492
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

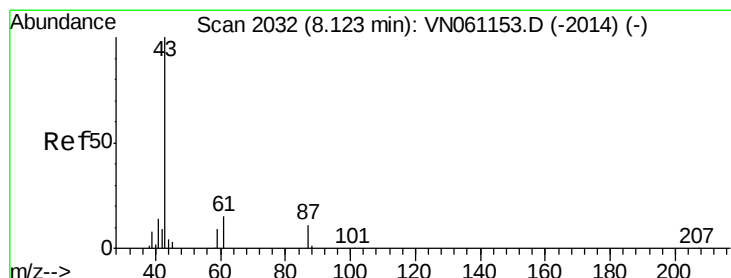
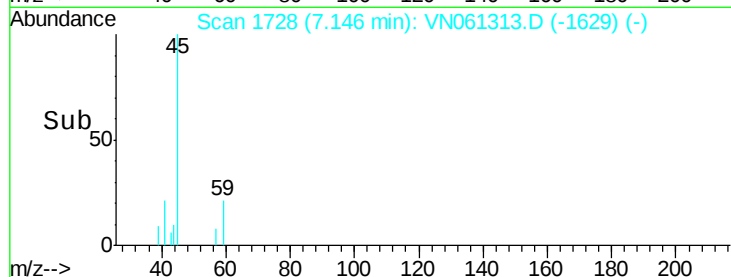
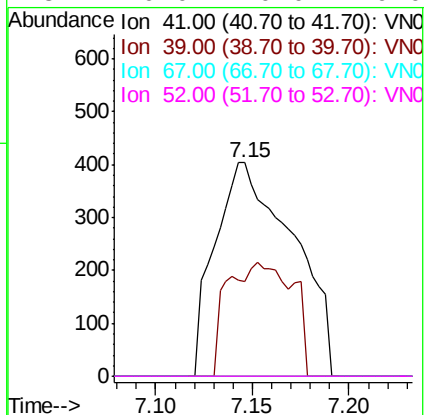
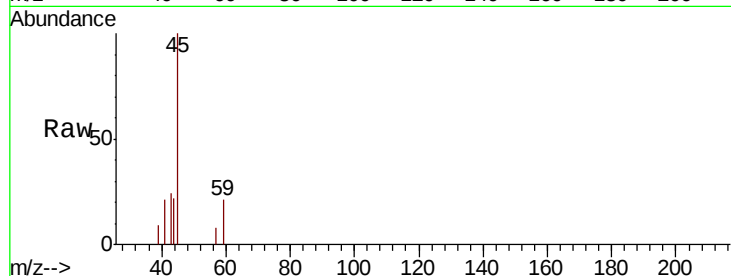




#41
Methacrylonitrile
Concen: 1.163 ug/l
RT: 7.15 min Scan# 1728
Delta R.T. 0.02 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

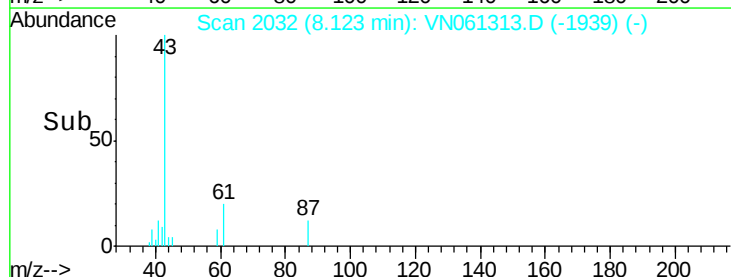
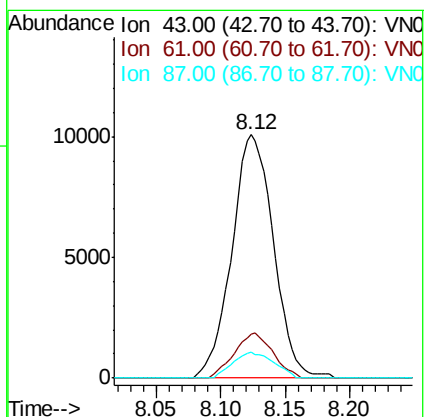
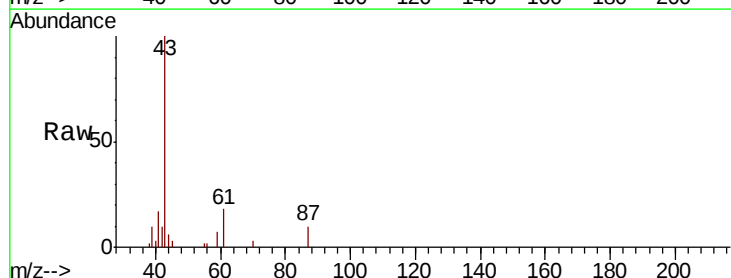
Instrument :
MSVOA_N
ClientSampled :

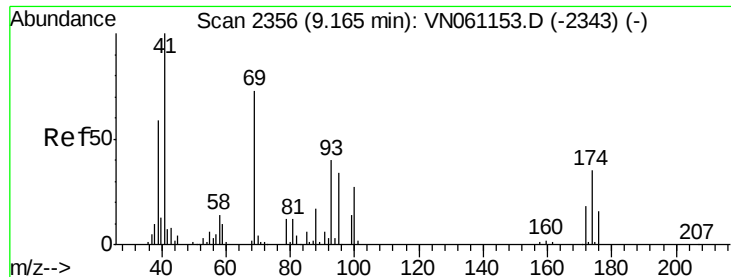
Tot Ion:	41	Resp:	1131
Ion	Ratio	Lower	Upper
41	100		
39	44.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 5.831 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion:	43	Resp:	22667
Ion	Ratio	Lower	Upper
43	100		
61	17.1	19.5	29.3#
87	10.4	8.9	13.3

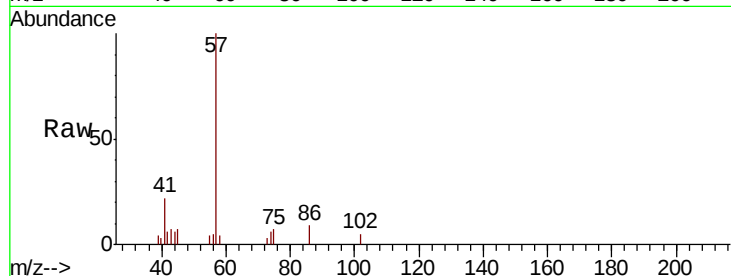




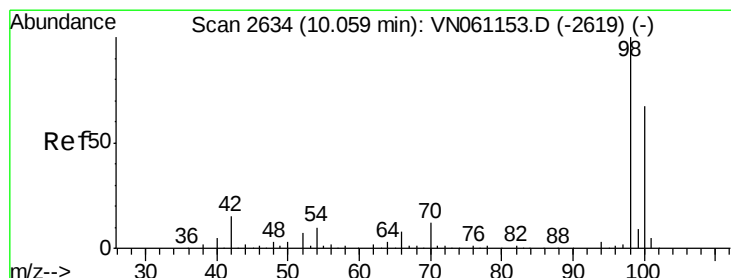
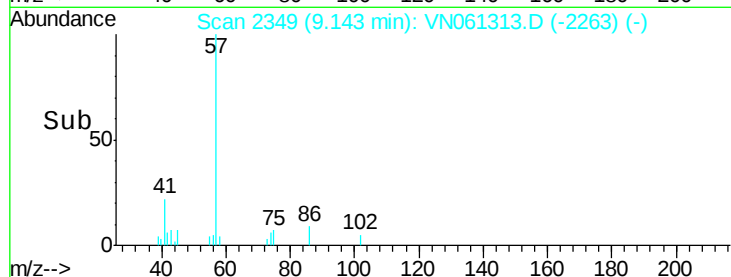
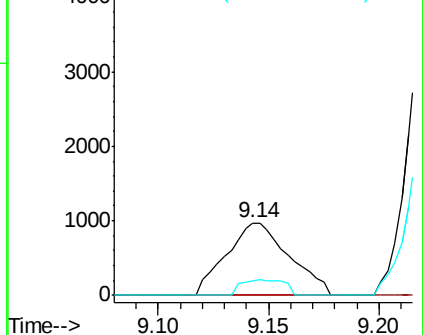
#48
Methvl methacrylate
Concen: 1.100 ug/l
RT: 9.14 min Scan# 2349
Delta R.T. -0.02 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 1929
Ion Ratio Lower Upper
41 100
69 0.0 60.3 90.5#
39 0.0 47.4 71.0#

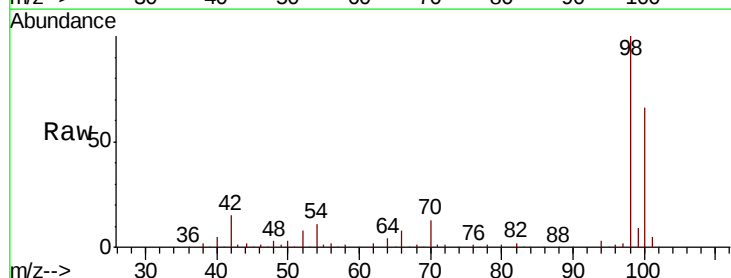


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

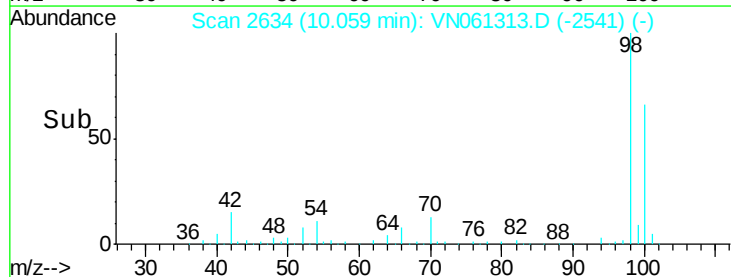
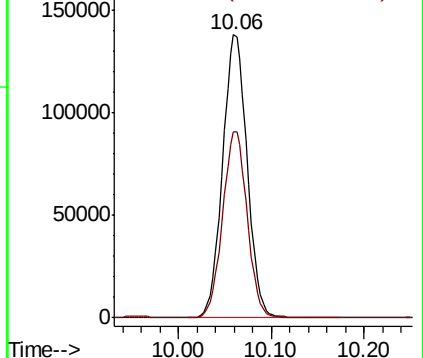


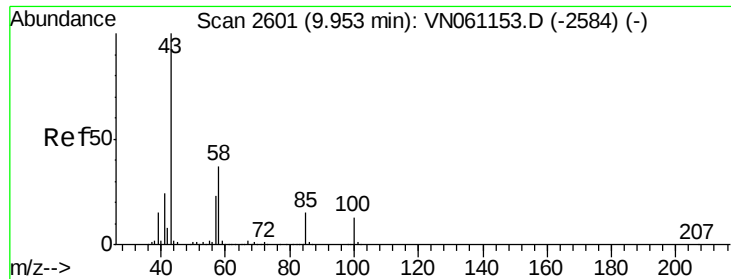
#50
Toluene-d8
Concen: 52.666 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 98 Resp: 253387
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



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

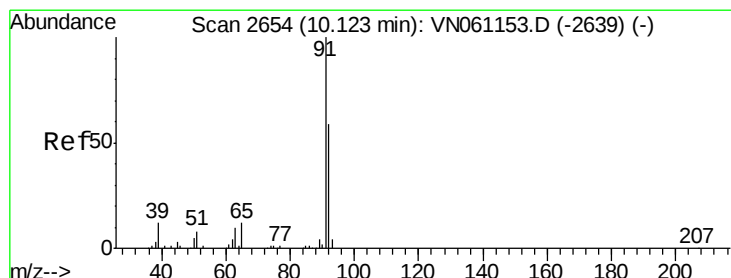
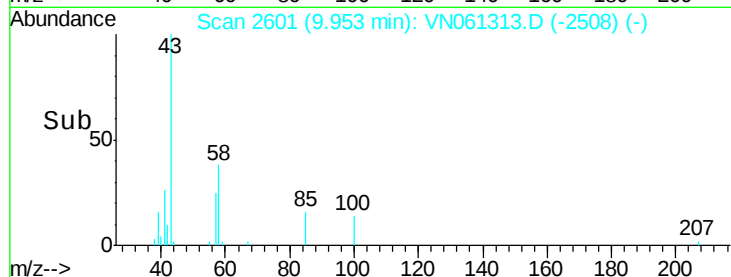
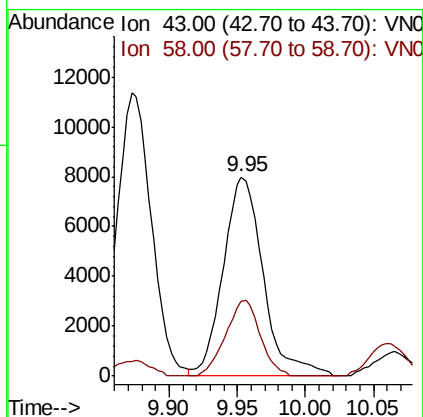
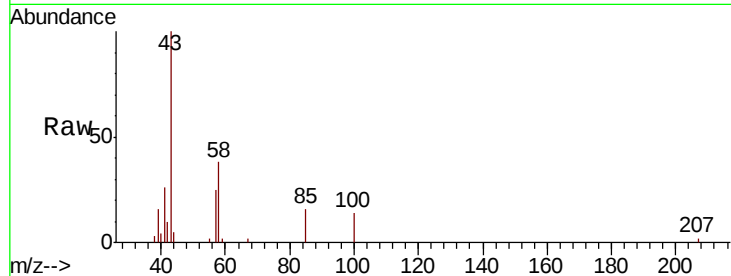




#51
 4-Methyl-2-Pentanone
 Concen: 7.140 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

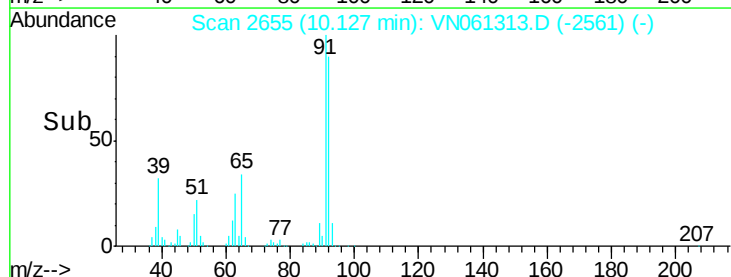
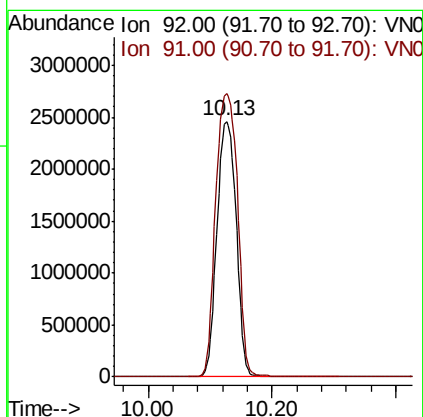
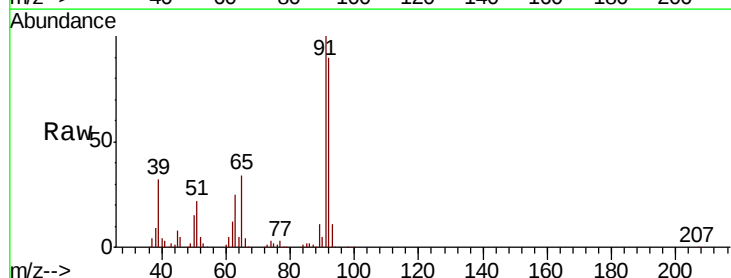
Instrument :
 MSVOA_N
 ClientSampled :

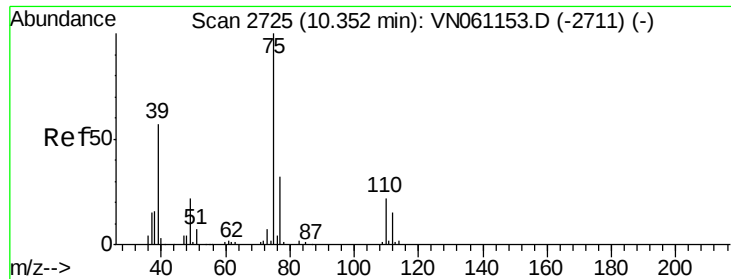
Tot Ion: 43 Resp: 16338
 Ion Ratio Lower Upper
 43 100
 58 32.9 29.1 43.7



#52
 Toluene
 Concen: 1484.039 ug/l
 RT: 10.13 min Scan# 2655
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion: 92 Resp: 5320828
 Ion Ratio Lower Upper
 92 100
 91 125.9 136.2 204.2#





#53

t-1,3-Dichloropropene

Concen: 38.956 ug/l

RT: 10.13 min Scan# 2655

Delta R.T. -0.23 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

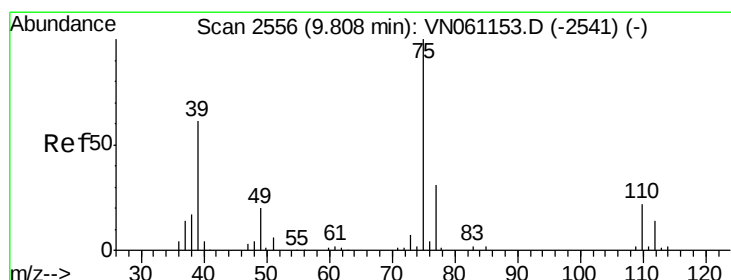
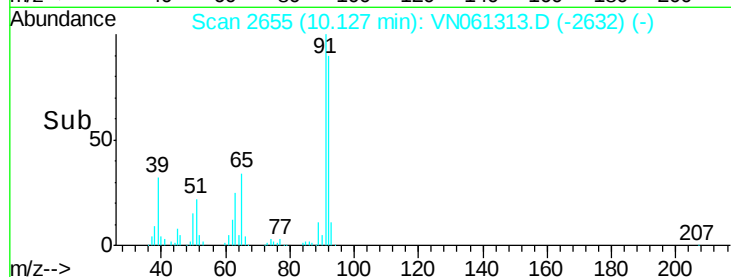
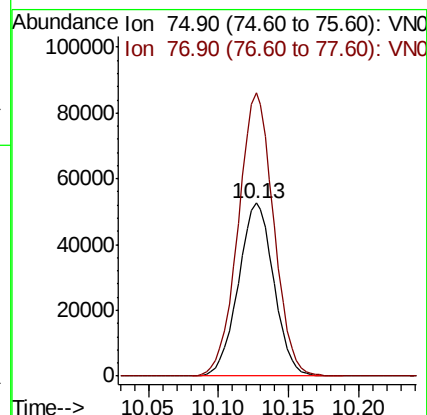
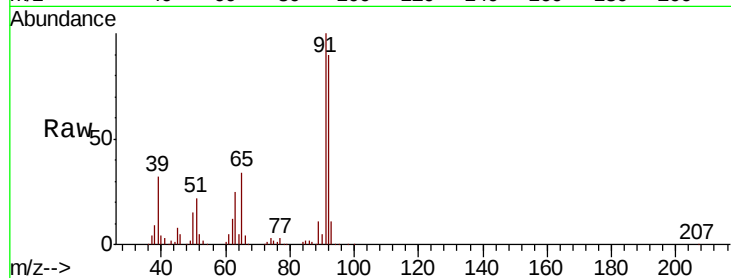
ClientSampleId :

Tot Ion: 75 Resp: 92770

Ion Ratio Lower Upper

75 100

77 163.4 25.5 38.3#



#54

cis-1,3-Dichloropropene

Concen: 3.297 ug/l

RT: 9.88 min Scan# 2577

Delta R.T. 0.07 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

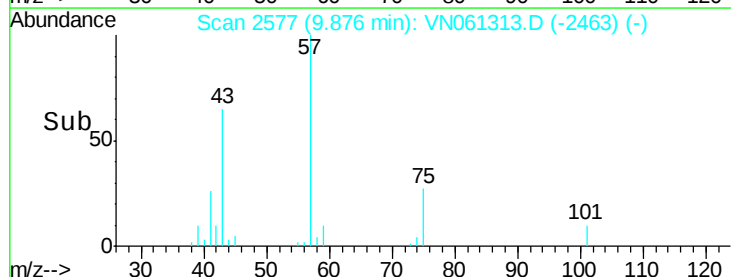
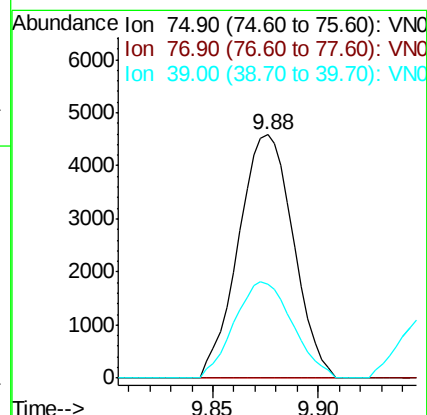
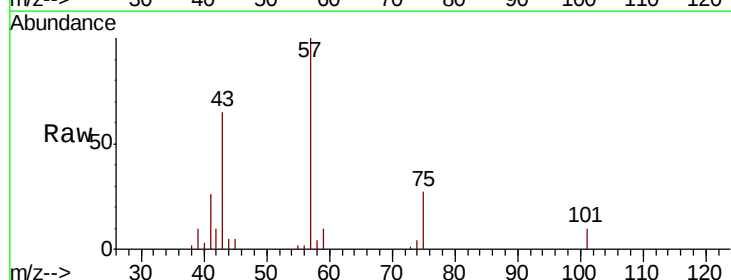
Tgt Ion: 75 Resp: 8300

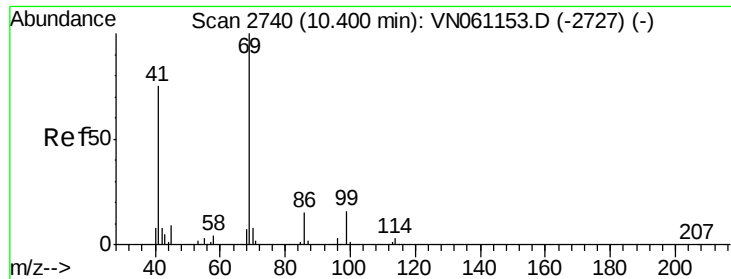
Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 38.6 48.7 73.1#





#56

Ethyl methacrylate

Concen: 5.603 ug/l

RT: 10.33 min Scan# 2718

Delta R.T. -0.07 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

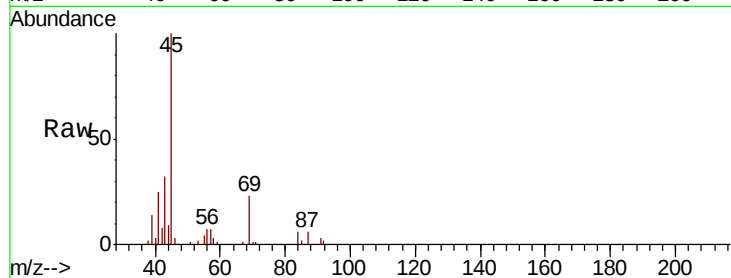
Tot Ion: 69 Resp: 7581

Ion Ratio Lower Upper

69 100

41 117.4 60.3 90.5#

39 0.0 35.9 53.9#

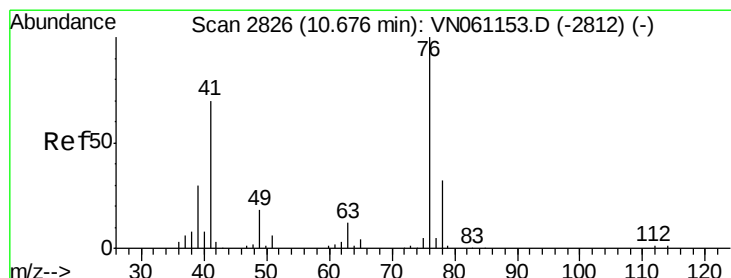
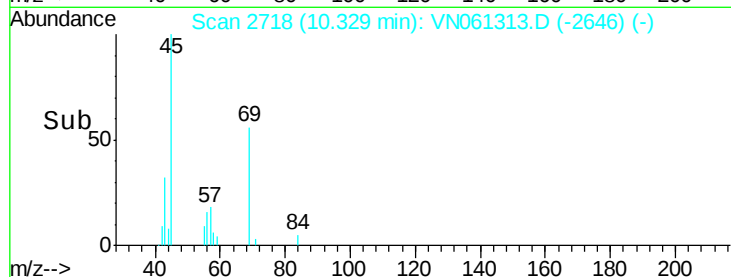


Abundance Ion 69.00 (68.70 to 69.70): VN061313.D (-2646) (-)

Ion 41.00 (40.70 to 41.70): VN061313.D (-2646) (-)

Ion 39.00 (38.70 to 39.70): VN061313.D (-2646) (-)

Time-->



#57

1,3-Dichloropropane

Concen: 0.308 ug/l

RT: 10.73 min Scan# 2844

Delta R.T. 0.06 min

Lab File: VN061313.D

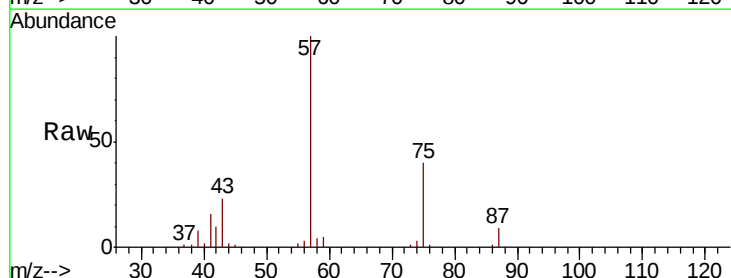
Acq: 6 May 2020 16:36

Tgt Ion: 76 Resp: 775

Ion Ratio Lower Upper

76 100

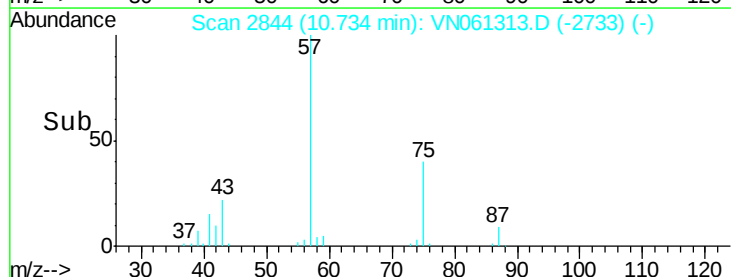
78 0.0 25.5 38.3#

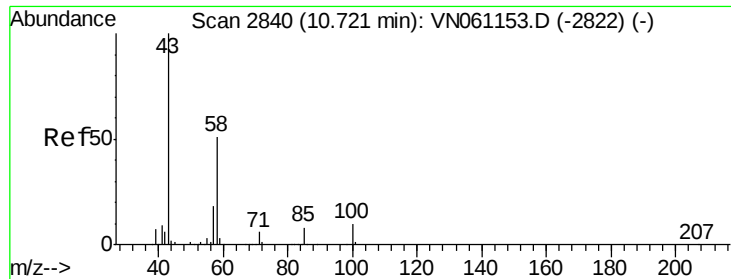


Abundance Ion 75.90 (75.60 to 76.60): VN061313.D (-2733) (-)

Ion 77.90 (77.60 to 78.60): VN061313.D (-2733) (-)

Time-->





#59

2-Hexanone

Concen: 8.717 ug/l

RT: 10.73 min Scan# 2844

Delta R.T. 0.01 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

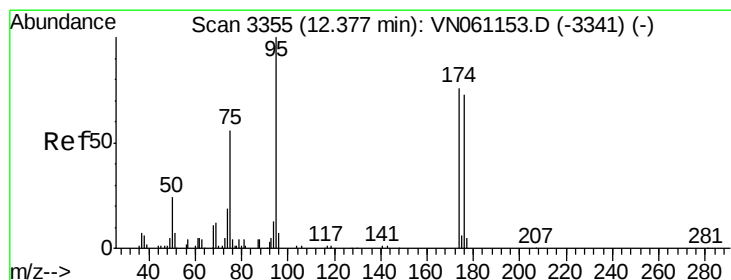
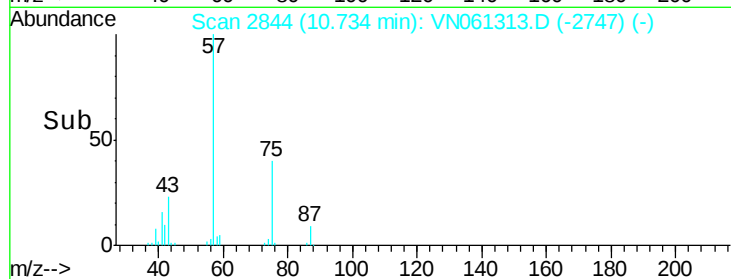
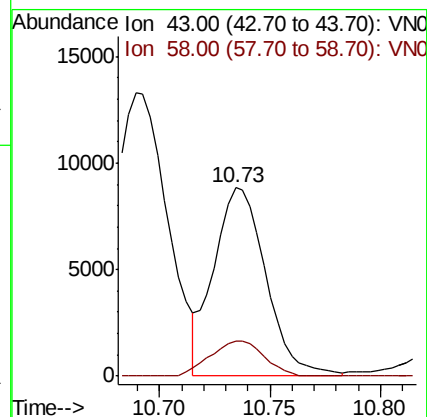
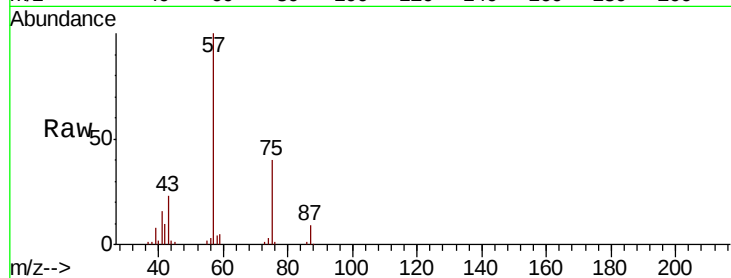
ClientSampled :

Tot Ion: 43 Resp: 14511

Ion Ratio Lower Upper

43 100

58 19.2 25.4 76.4#



#62

4-Bromofluorobenzene

Concen: 54.960 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

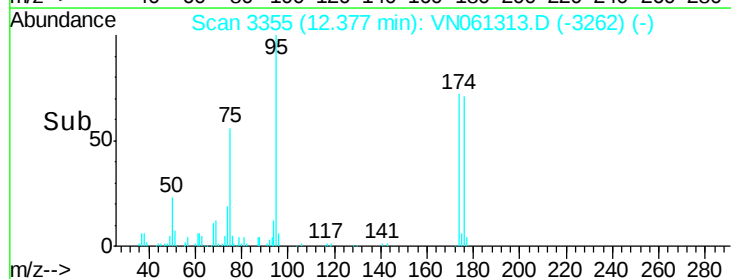
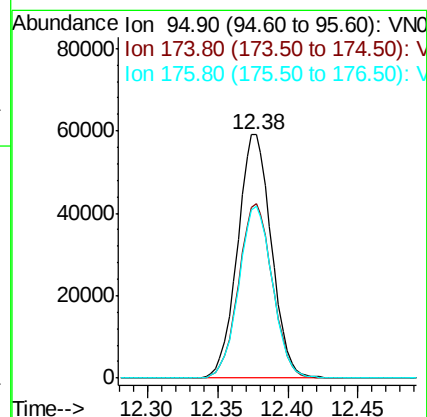
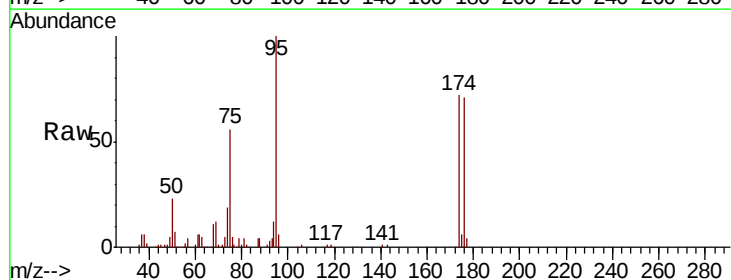
Tgt Ion: 95 Resp: 99507

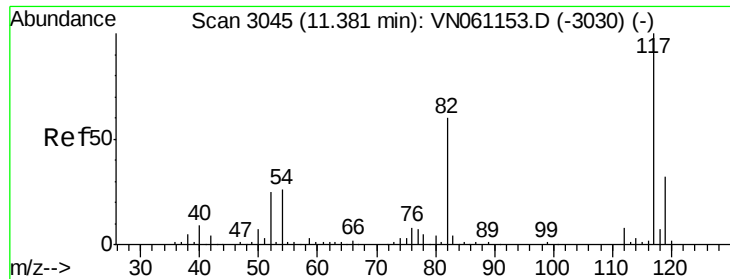
Ion Ratio Lower Upper

95 100

174 71.4 0.0 149.4

176 70.1 0.0 144.8

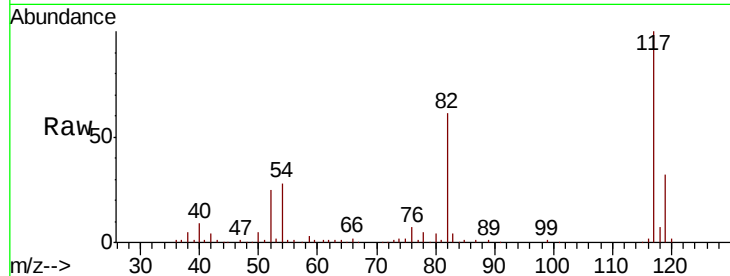




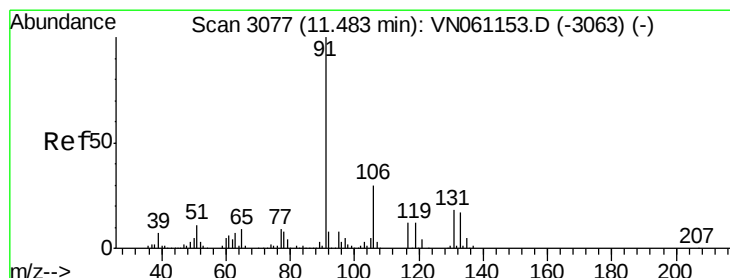
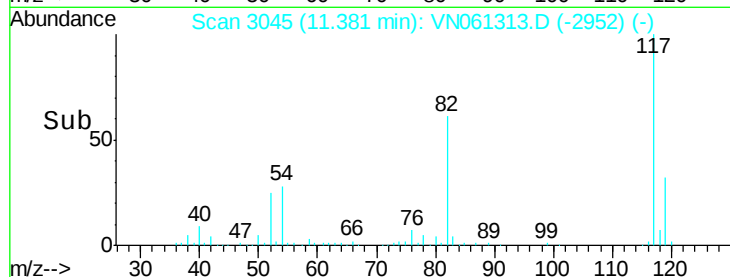
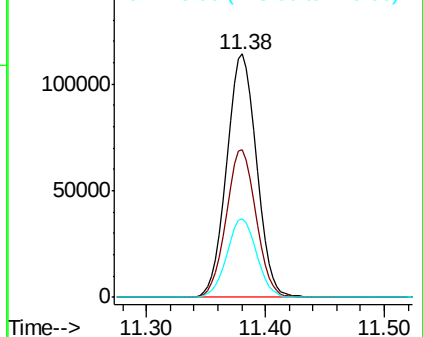
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 199063
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.4 25.8 38.6

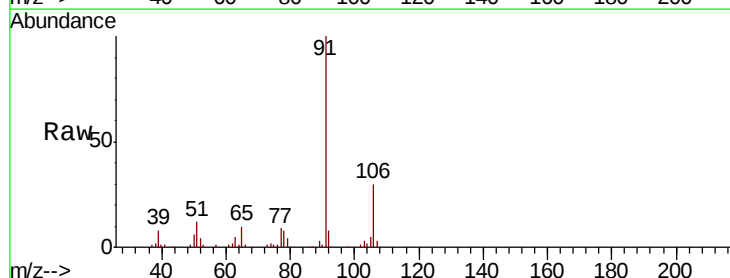


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

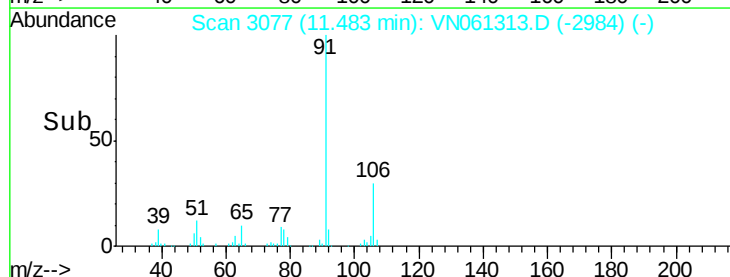
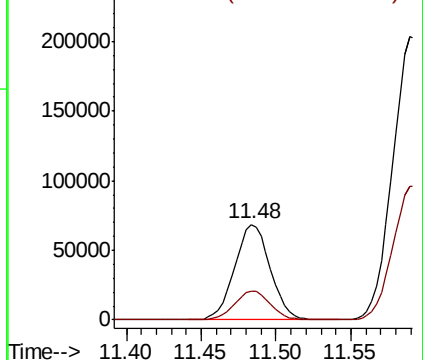


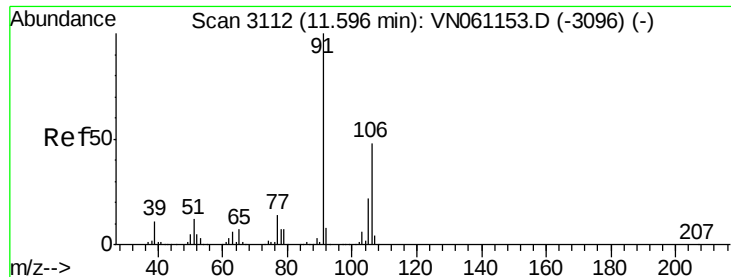
#67
Ethyl Benzene
Concen: 15.425 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion: 91 Resp: 114020
Ion Ratio Lower Upper
91 100
106 30.2 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: 66.786 ug/l

RT: 11.59 min Scan# 3110

Delta R.T. -0.01 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

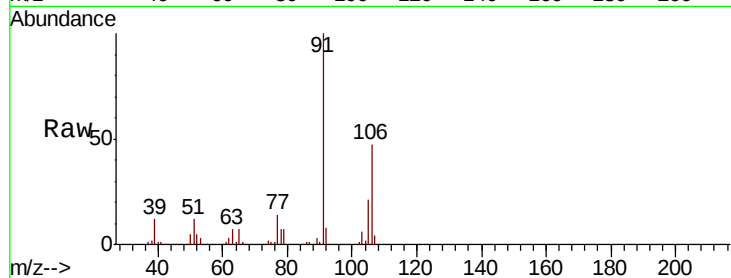
ClientSampled :

Tot Ion:106 Resp: 180702

Ion Ratio Lower Upper

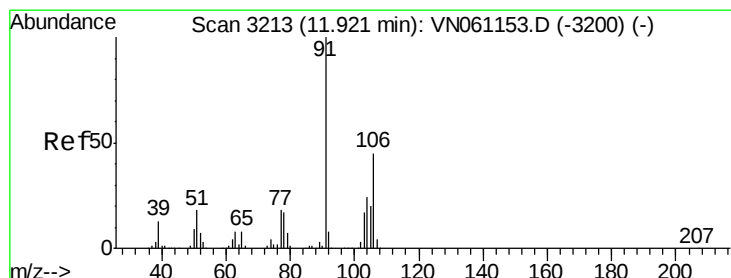
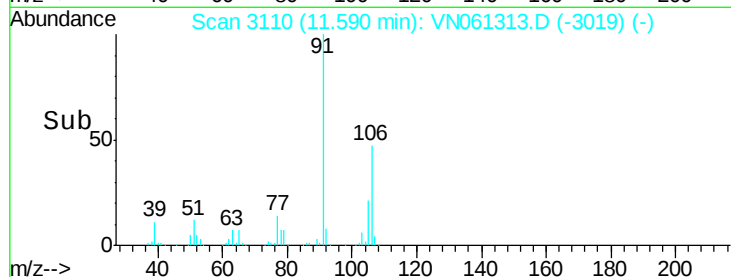
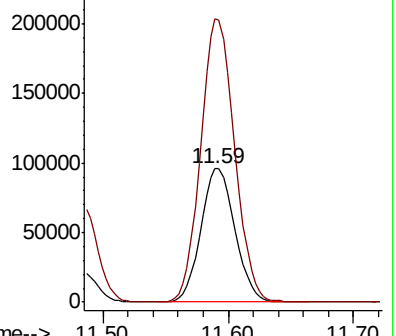
106 100

91 211.9 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 25.286 ug/l

RT: 11.92 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN061313.D

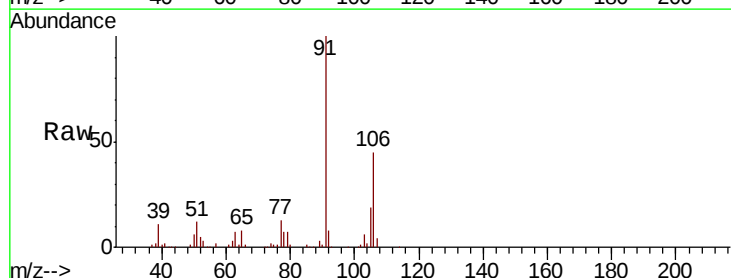
Acq: 6 May 2020 16:36

Tgt Ion:106 Resp: 65719

Ion Ratio Lower Upper

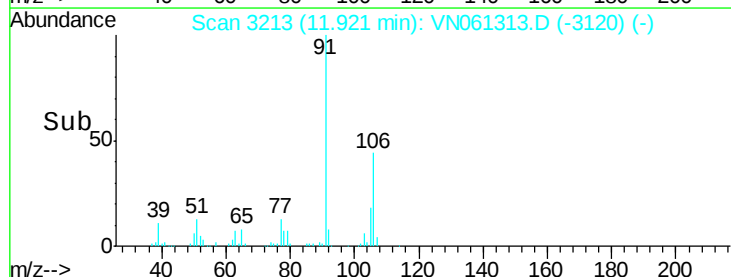
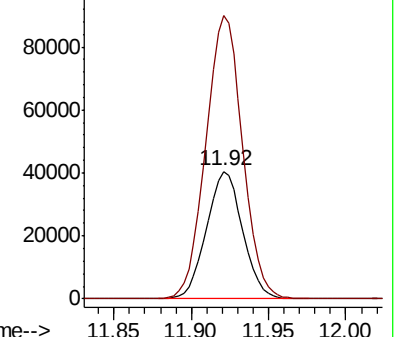
106 100

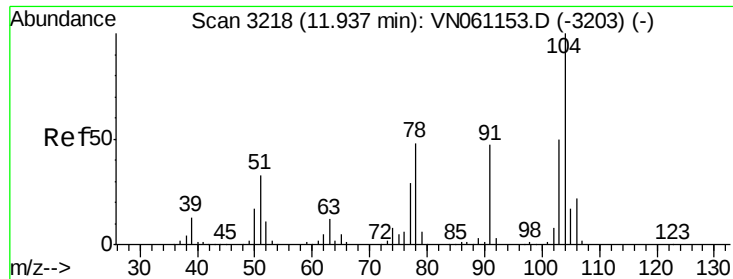
91 225.4 109.7 329.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

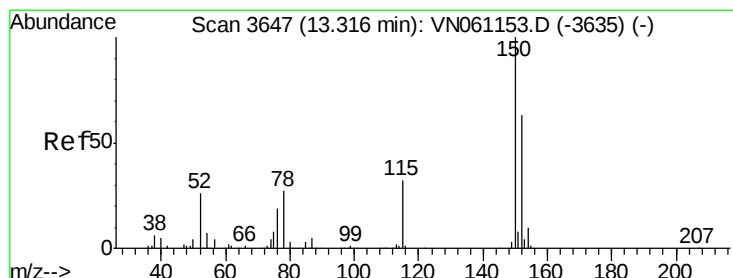
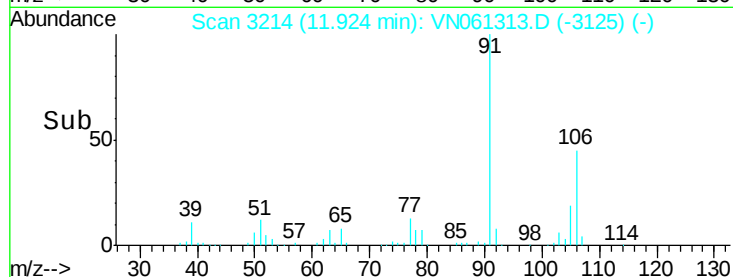
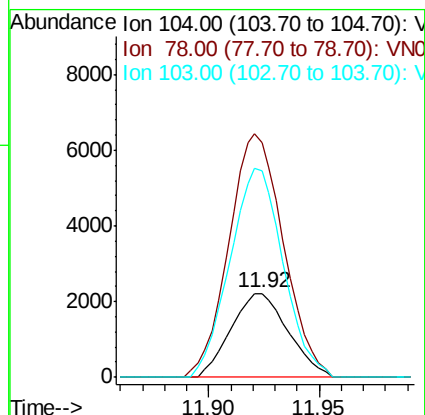
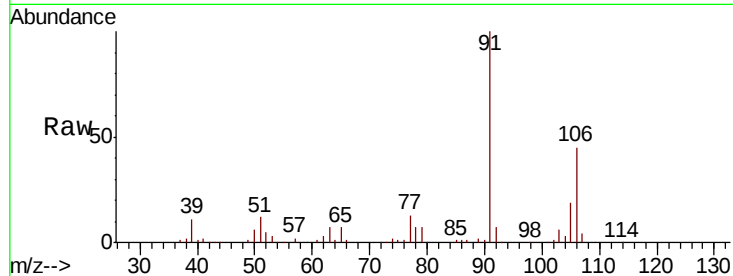




#70
Stvrene
Concen: 0.913 ug/l
RT: 11.92 min Scan# 3214
Delta R.T. -0.01 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

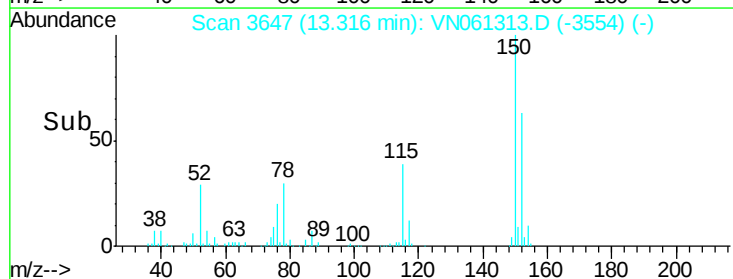
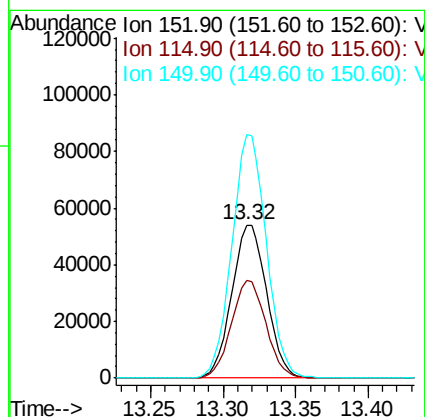
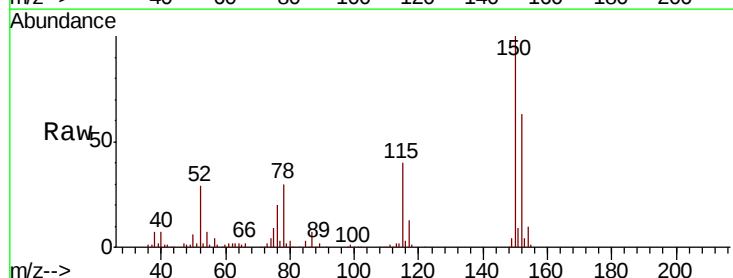
Instrument :
MSVOA_N
ClientSampleId :

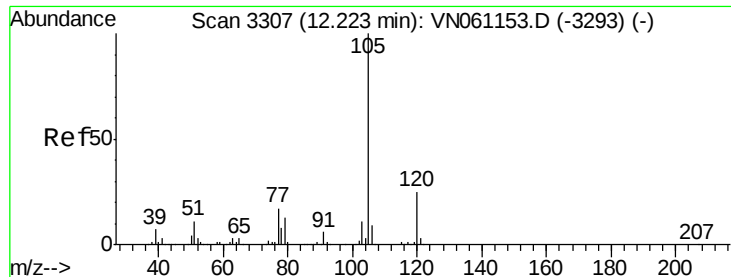
Tot Ion:104 Resp: 3972
Ion Ratio Lower Upper
104 100
78 276.8 42.1 63.1#
103 232.4 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VN061313.D
Acq: 6 May 2020 16:36

Tgt Ion:152 Resp: 90137
Ion Ratio Lower Upper
152 100
115 63.1 31.0 93.0
150 157.4 0.0 351.8





#73

Isopropylbenzene

Concen: 0.236 ug/l

RT: 12.23 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

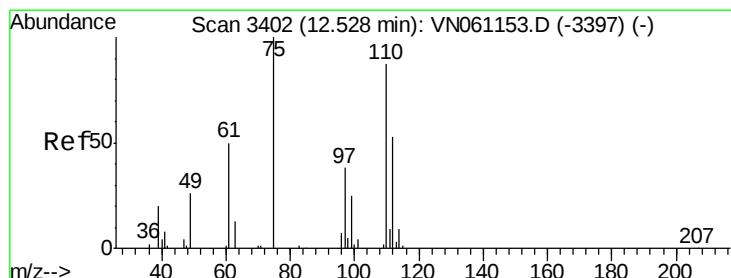
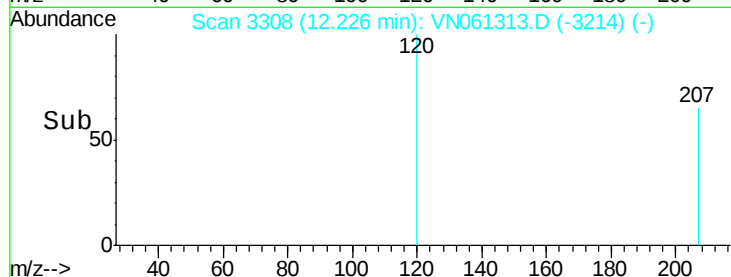
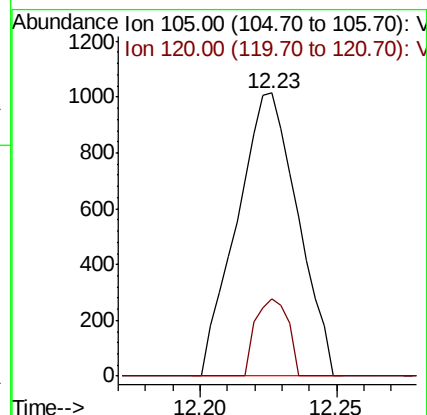
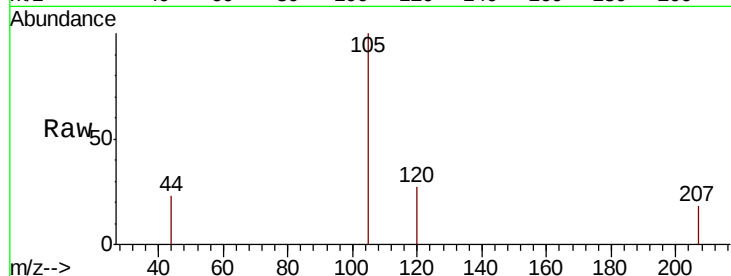
ClientSampled :

Tot Ion:105 Resp: 1564

Ion Ratio Lower Upper

105 100

120 14.3 12.6 37.8



#76

1,2,3-Trichloropropane

Concen: 29.477 ug/l

RT: 12.37 min Scan# 3354

Delta R.T. -0.15 min

Lab File: VN061313.D

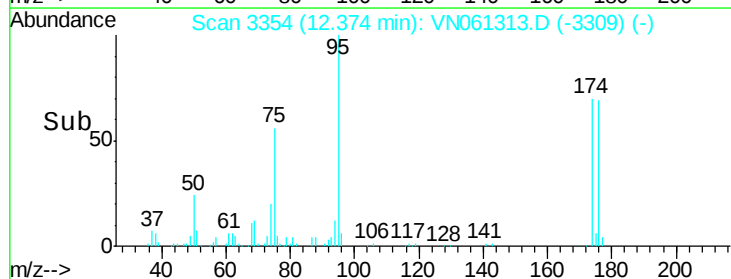
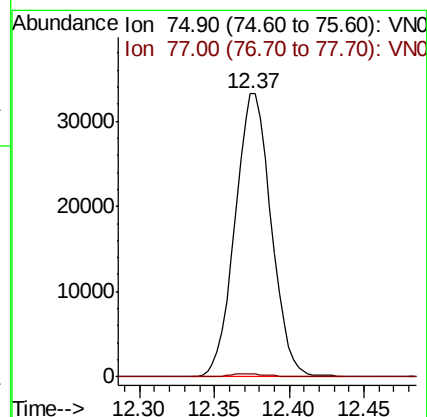
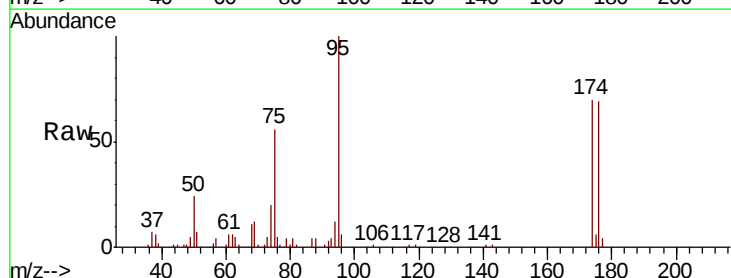
Acq: 6 May 2020 16:36

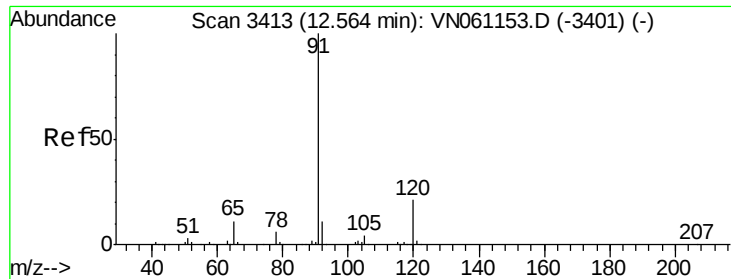
Tgt Ion: 75 Resp: 56016

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#78

n-propylbenzene

Concen: 0.410 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

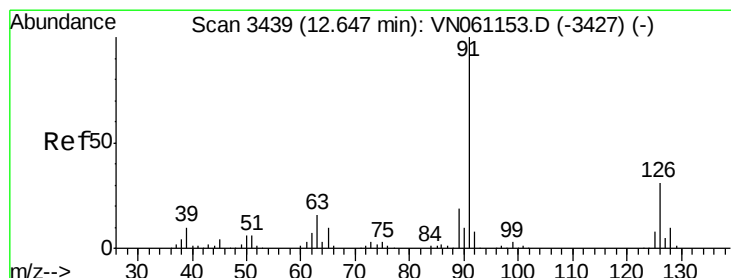
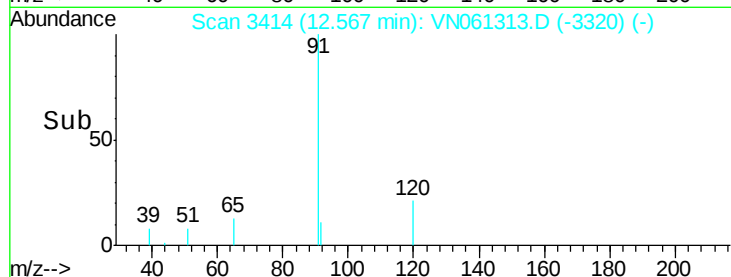
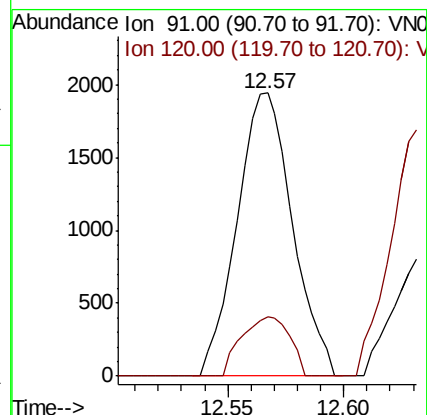
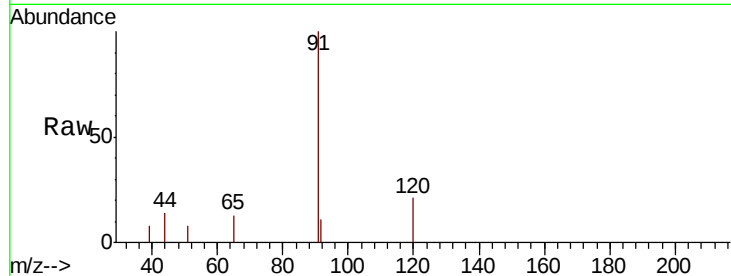
ClientSampled :

Tot Ion: 91 Resp: 3226

Ion Ratio Lower Upper

91 100

120 18.0 10.8 32.3



#79

2-Chlorotoluene

Concen: 0.388 ug/l

RT: 12.63 min Scan# 3435

Delta R.T. -0.01 min

Lab File: VN061313.D

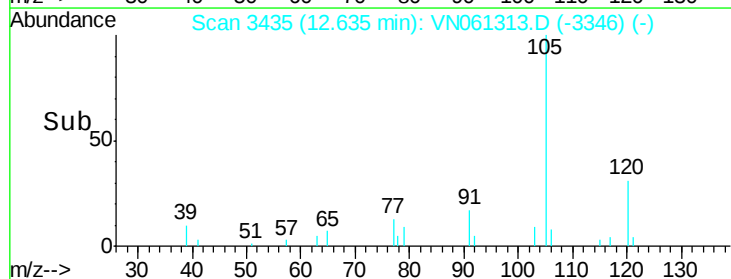
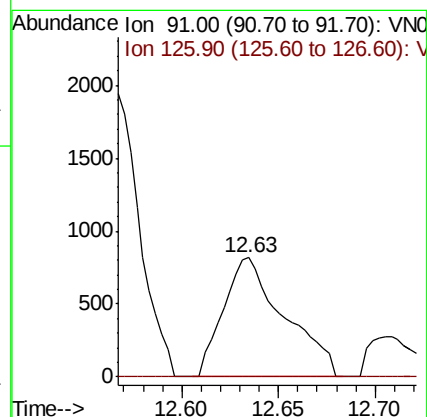
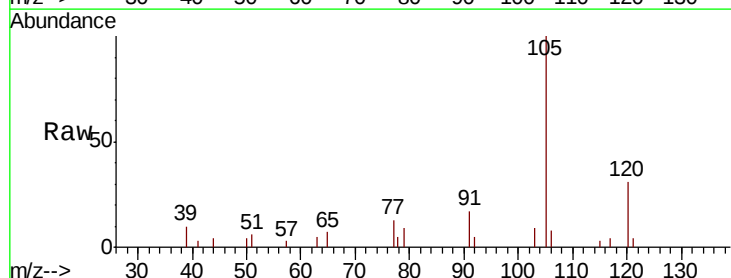
Acq: 6 May 2020 16:36

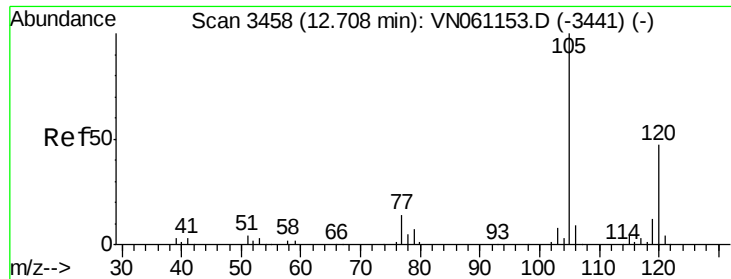
Tgt Ion: 91 Resp: 1793

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#

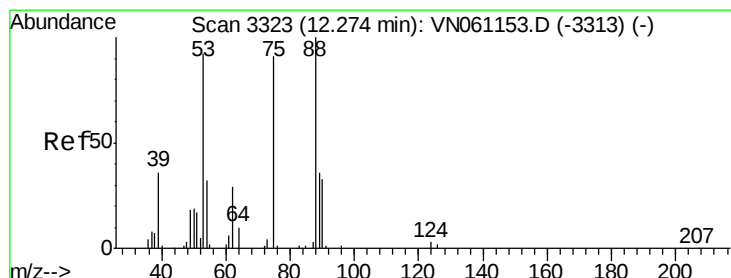
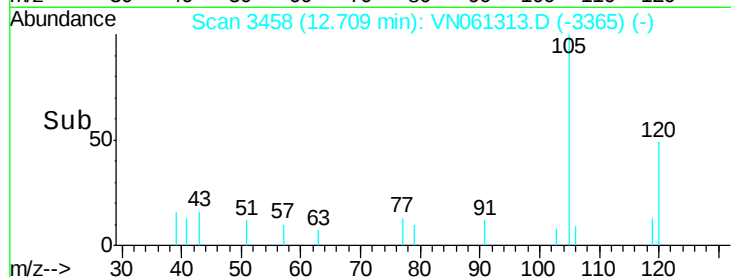
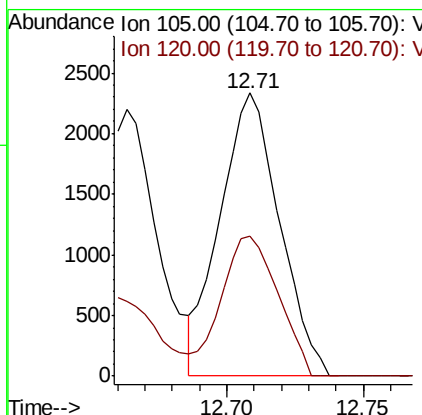
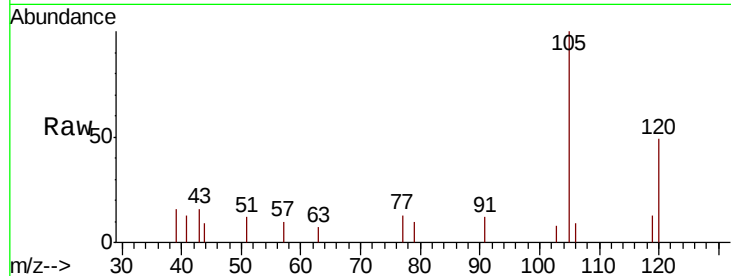




#80
 1,3,5-Trimethylbenzene
 Concen: 0.645 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

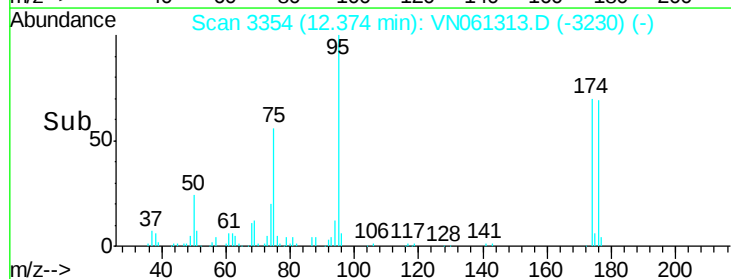
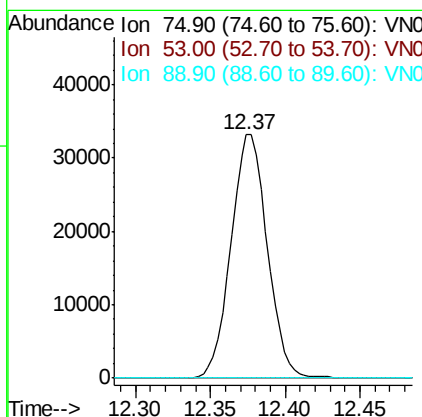
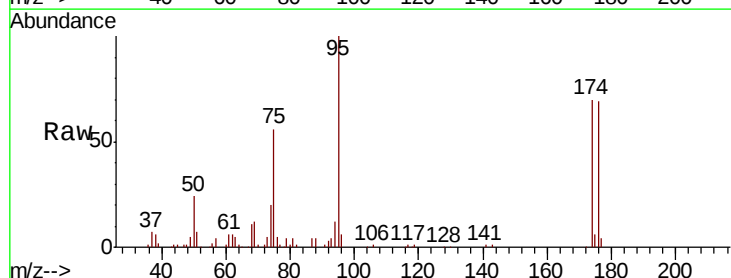
Instrument :
 MSVOA_N
 ClientSampled :

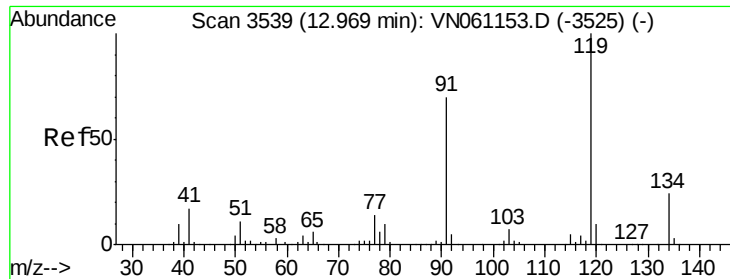
Tot Ion:105 Resp: 3540
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.856 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. 0.10 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion: 75 Resp: 56016
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#





#83

tert-Butylbenzene

Concen: 0.372 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. 0.05 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

ClientSampled :

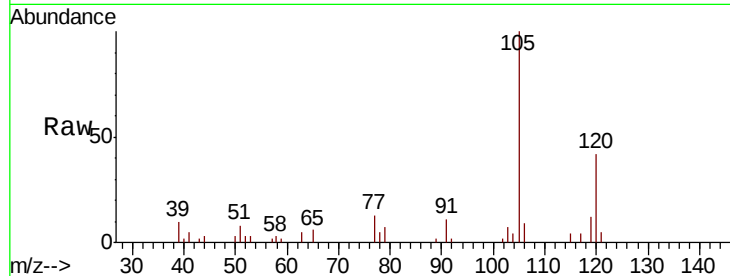
Tot Ion:119 Resp: 1719

Ion Ratio Lower Upper

119 100

91 94.4 34.8 104.4

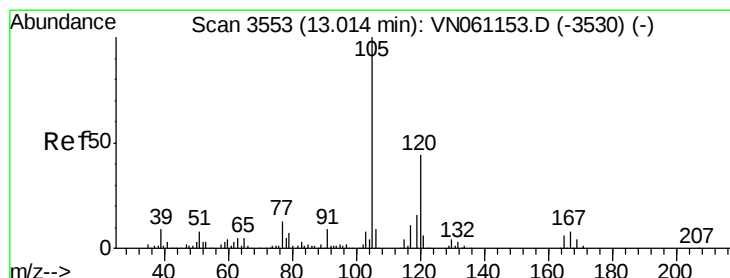
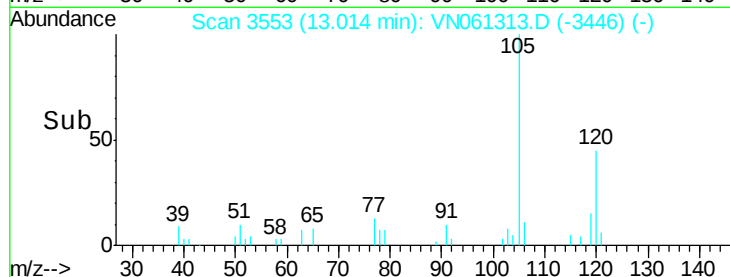
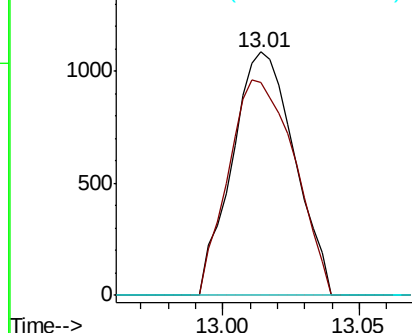
134 0.0 12.9 38.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.523 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. 0.00 min

Lab File: VN061313.D

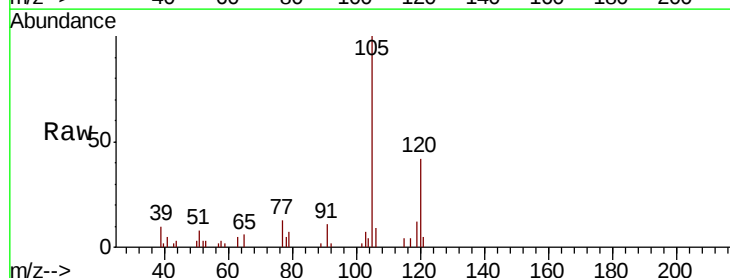
Acq: 6 May 2020 16:36

Tgt Ion:105 Resp: 14254

Ion Ratio Lower Upper

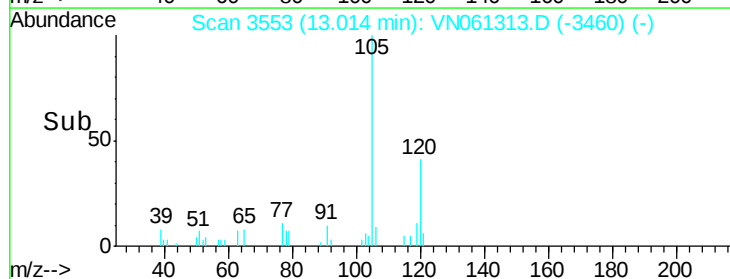
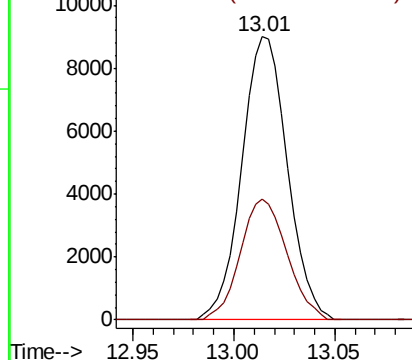
105 100

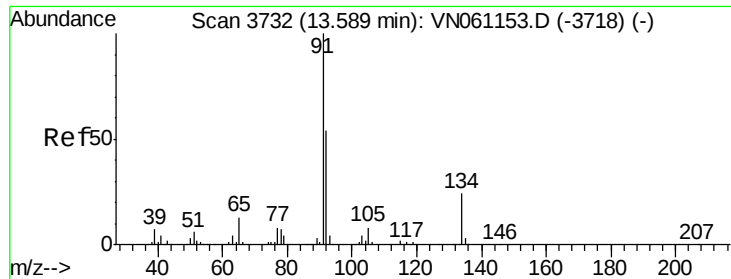
120 43.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.213 ug/l

RT: 13.59 min Scan# 3731

Delta R.T. -0.00 min

Lab File: VN061313.D

Acq: 6 May 2020 16:36

Instrument :

MSVOA_N

ClientSampleId :

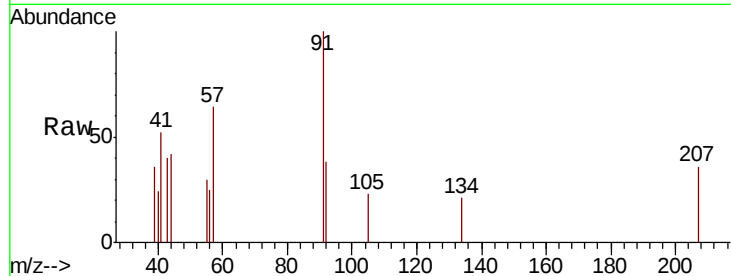
Tot Ion: 91 Resp: 1109

Ion Ratio Lower Upper

91 100

92 44.4 26.8 80.3

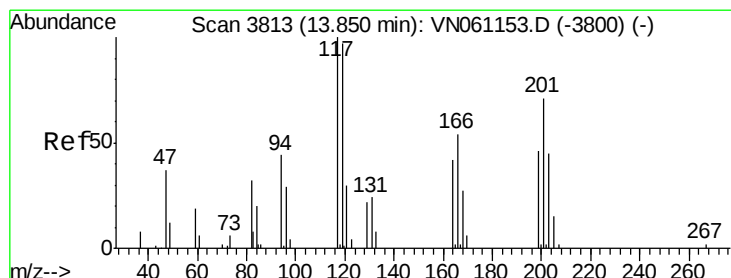
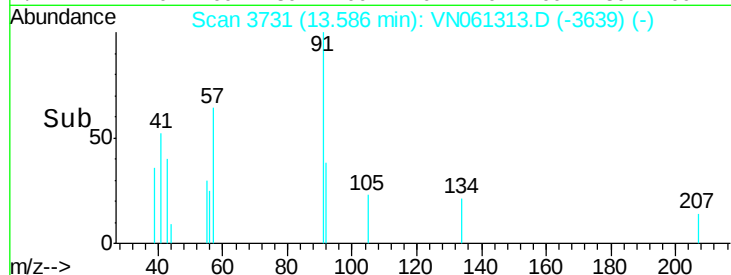
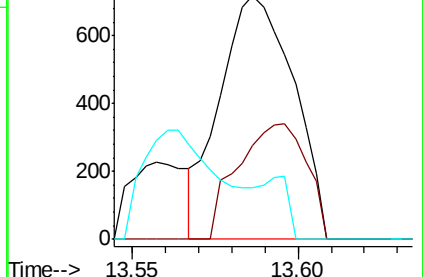
134 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VN061313.D (-3639) (-)

Ion 92.00 (91.70 to 92.70): VN061313.D (-3639) (-)

Ion 134.00 (133.70 to 134.70): VN061313.D (-3639) (-)



#90

Hexachloroethane

Concen: 8.217 ug/l

RT: 13.92 min Scan# 3835

Delta R.T. 0.07 min

Lab File: VN061313.D

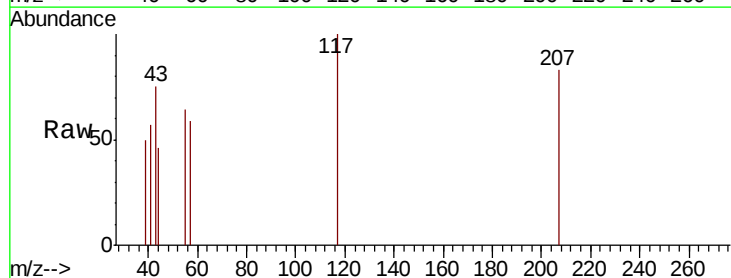
Acq: 6 May 2020 16:36

Tgt Ion: 117 Resp: 413

Ion Ratio Lower Upper

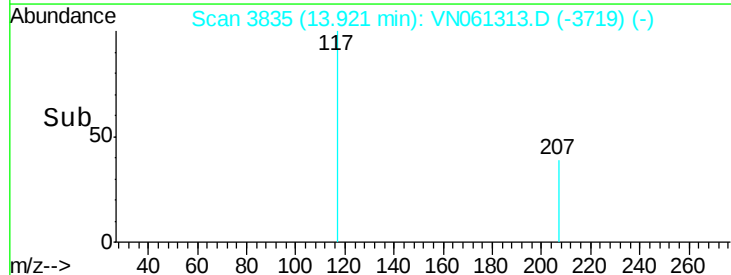
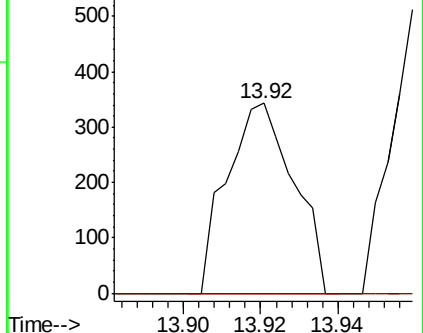
117 100

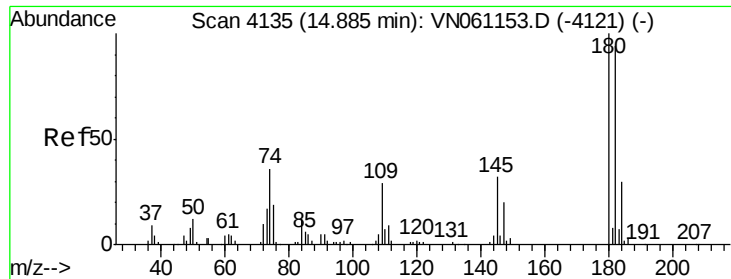
201 0.0 35.5 106.7#



Abundance Ion 116.80 (116.50 to 117.50): VN061313.D (-3719) (-)

Ion 200.70 (200.40 to 201.40): VN061313.D (-3719) (-)

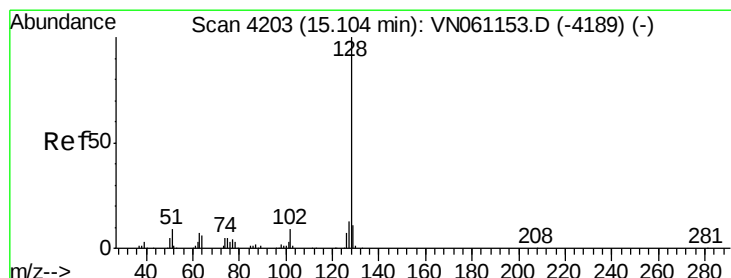
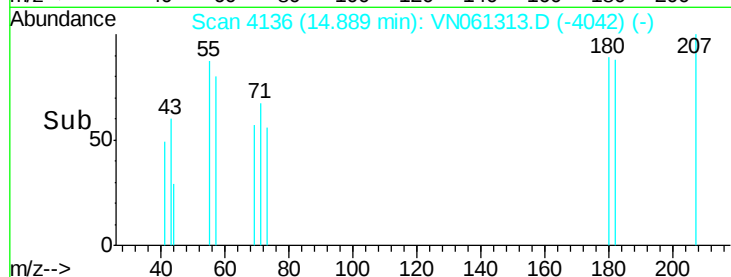
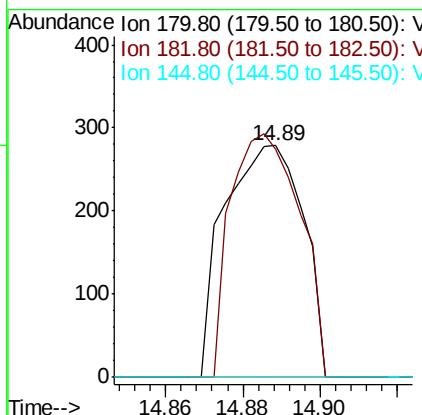
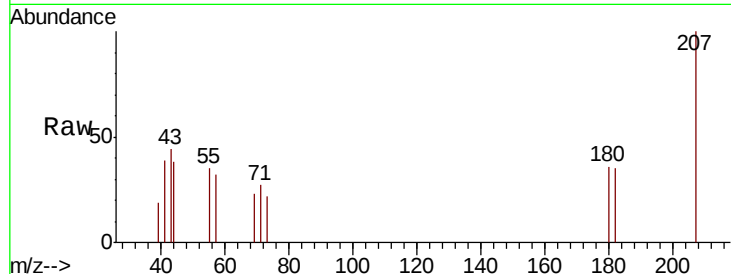




#93
 1,2,4-Trichlorobenzene
 Concen: 0.240 ug/l
 RT: 14.89 min Scan# 4136
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.3	141.9
145	0.0	16.0	47.9#



#95
 Naphthalene
 Concen: 1.473 ug/l
 RT: 15.11 min Scan# 4204
 Delta R.T. 0.00 min
 Lab File: VN061313.D
 Acq: 6 May 2020 16:36

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	8.5	8.7	13.1#

