

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061233.D
 Acq On : 1 May 2020 16:17
 Operator : JC/MD
 Sample : L2445-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 04 00:55:09 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	110639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	196917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	186303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82817	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	86073	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	7.55	113	59519	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.06	98	244744	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.38	95	89928	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	

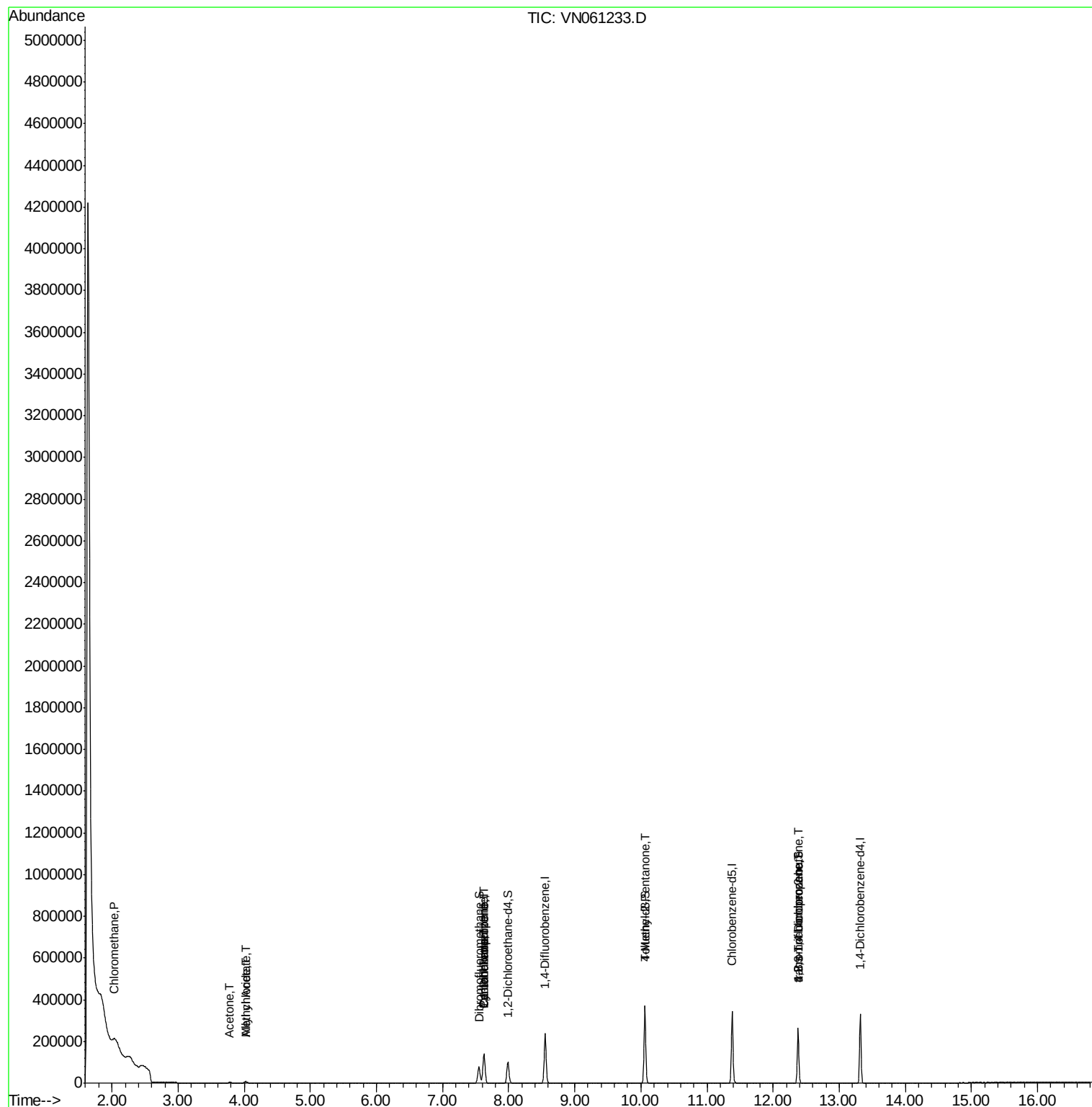
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	978	0.688	ug/l	99
14) Allyl chloride	4.02	41	1243	0.574	ug/l #	79
16) Acetone	3.78	43	8691	7.477	ug/l	95
18) Methyl Acetate	4.01	43	3506	2.244	ug/l #	55
31) Cyclohexane	7.63	56	2898	1.138	ug/l #	15
36) 1,1-Dichloropropene	7.63	75	9789	4.966	ug/l #	50
38) Carbon Tetrachloride	7.63	117	11239	8.250	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1253	0.555	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	48125	27.563	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	48125	69.996	ug/l #	8

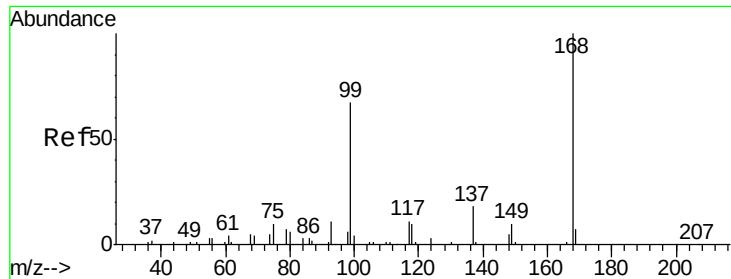
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050120\
Data File : VN061233.D
Acq On : 1 May 2020 16:17
Operator : JC/MD
Sample : L2445-05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 04 00:55:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 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: VN061233.D

Acq: 1 May 2020 16:17

Instrument :

MSVOA_N

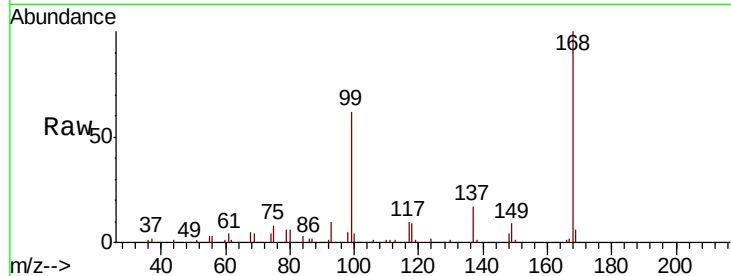
ClientSampleId :

Tot Ion:168 Resp: 110639

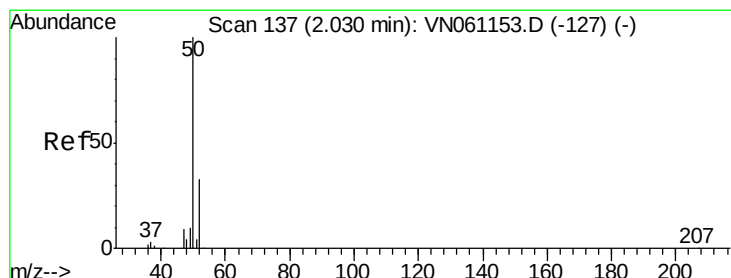
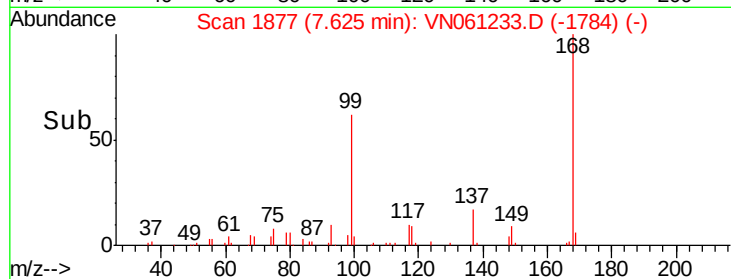
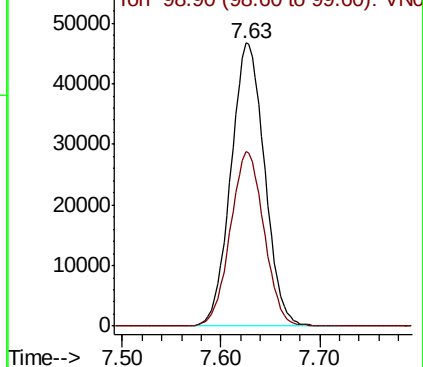
Ion Ratio Lower Upper

168 100

99 61.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061233.D (-1784) (-)



#3

Chloromethane

Concen: 0.688 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061233.D

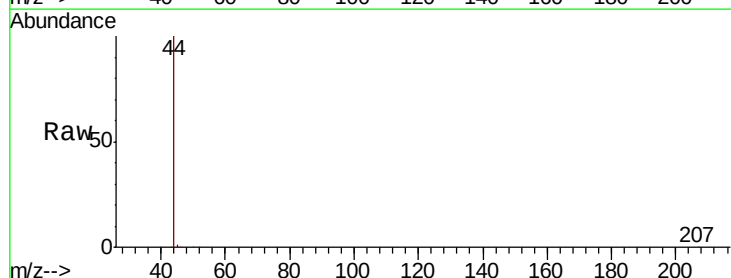
Acq: 1 May 2020 16:17

Tgt Ion: 50 Resp: 978

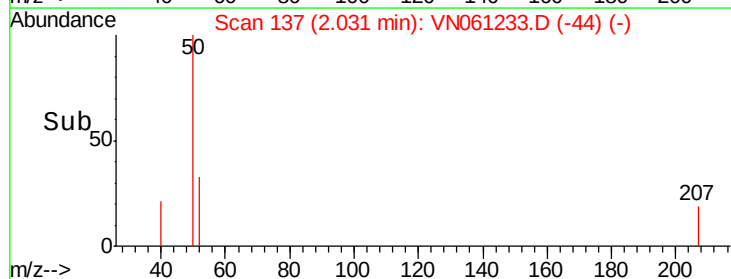
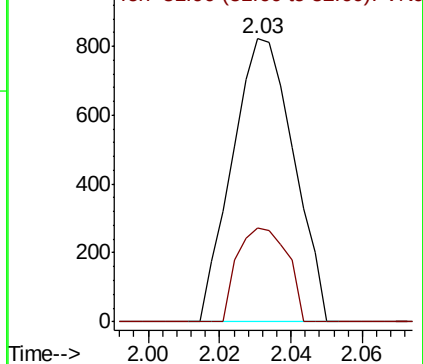
Ion Ratio Lower Upper

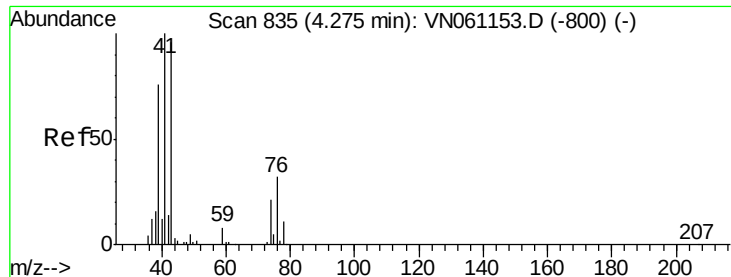
50 100

52 33.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN061233.D (-44) (-)

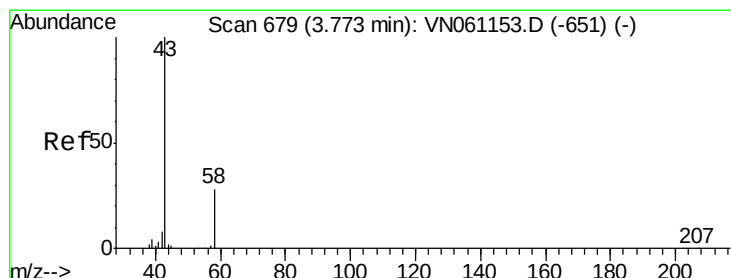
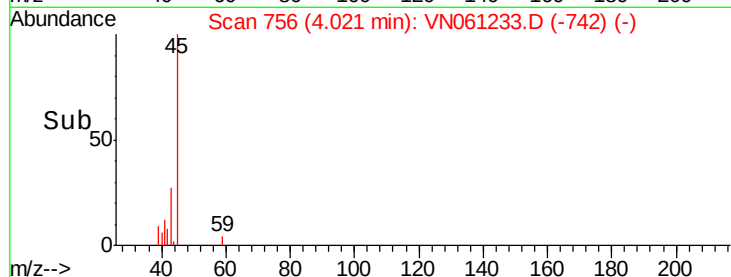
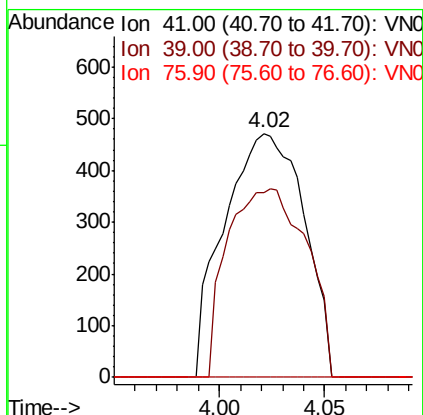
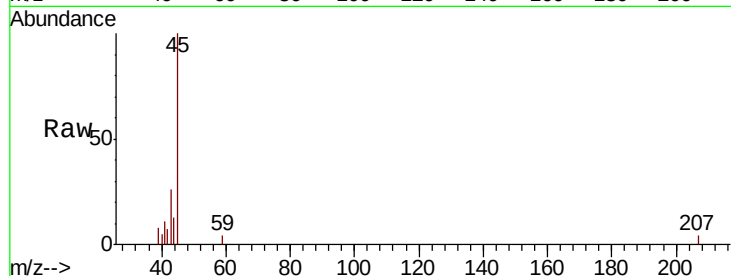




#14
Allvl chloride
Concen: 0.574 ug/l
RT: 4.02 min Scan# 756
Delta R.T. -0.25 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

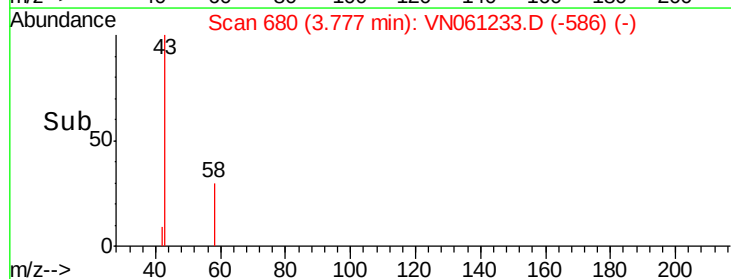
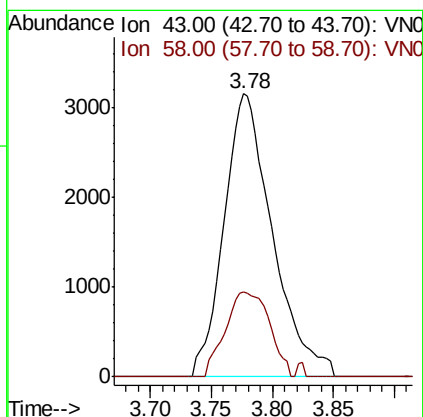
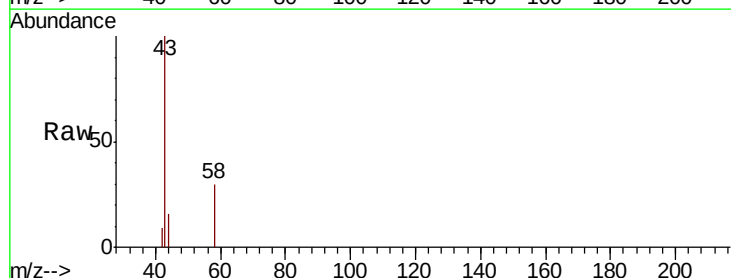
Instrument :
MSVOA_N
ClientSampled :

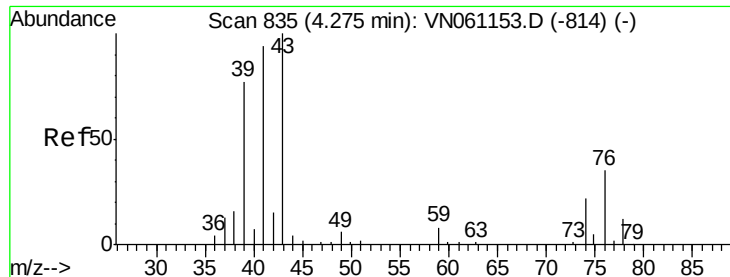
Tot Ion: 41 Resp: 1243
Ion Ratio Lower Upper
41 100
39 76.1 57.1 85.7
76 0.0 24.3 36.5#



#16
Acetone
Concen: 7.477 ug/l
RT: 3.78 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

Tgt Ion: 43 Resp: 8691
Ion Ratio Lower Upper
43 100
58 30.1 22.2 33.2

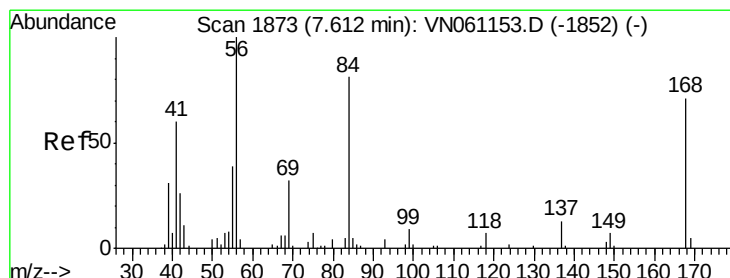
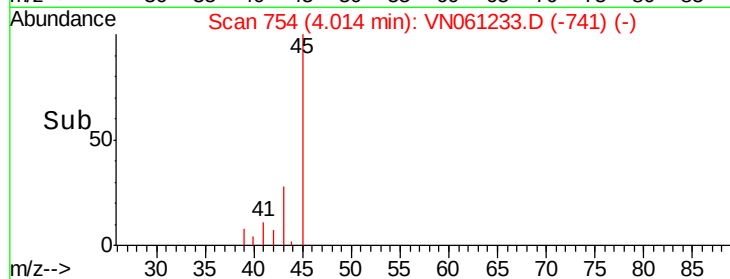
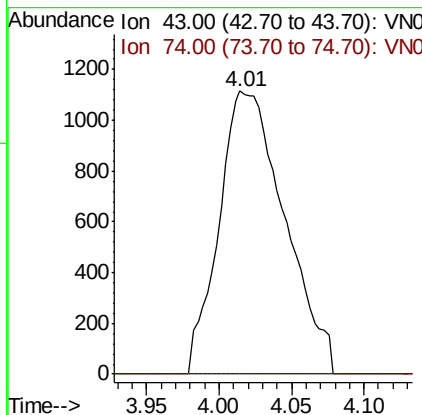
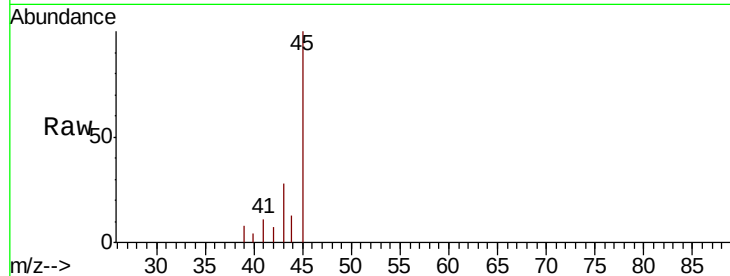




#18
Methvl Acetate
Concen: 2.244 ug/l
RT: 4.01 min Scan# 754
Delta R.T. -0.26 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

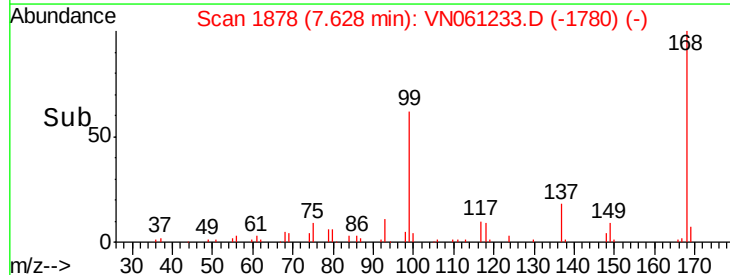
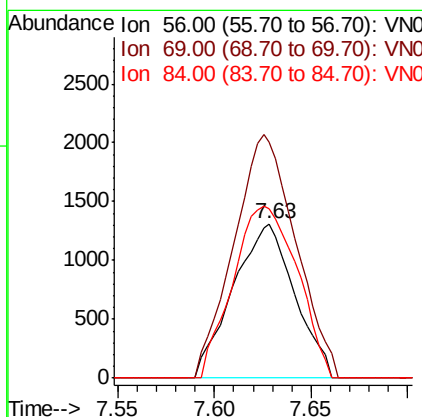
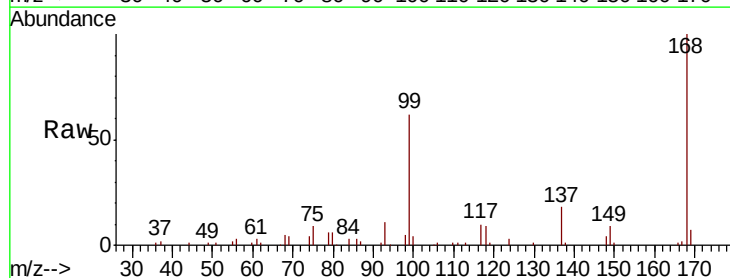
Instrument :
MSVOA_N
ClientSampleId :

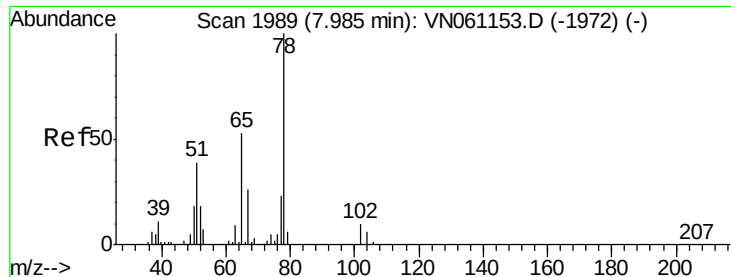
Tot Ion: 43 Resp: 3506
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VN061233.D
Acq: 1 May 2020 16:17

Tgt Ion: 56 Resp: 2898
Ion Ratio Lower Upper
56 100
69 153.1 25.7 38.5#
84 110.0 64.6 97.0#

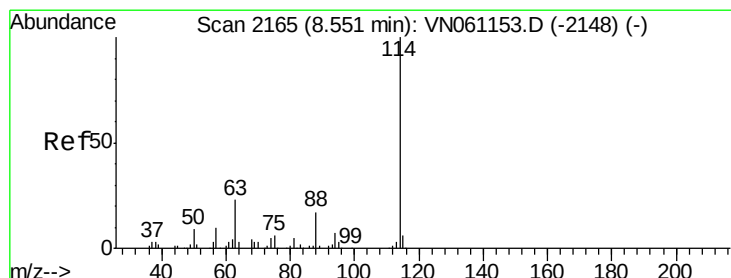
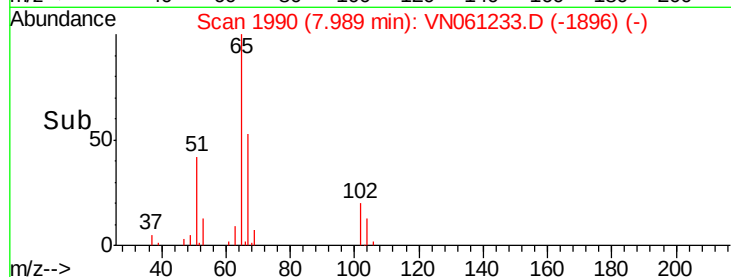
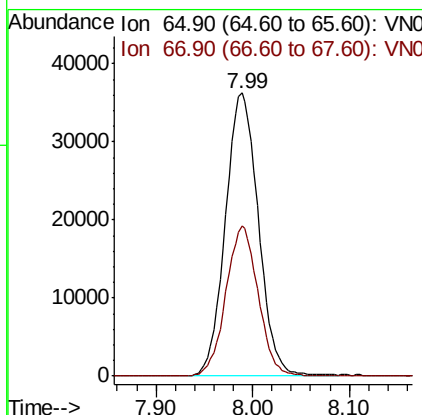
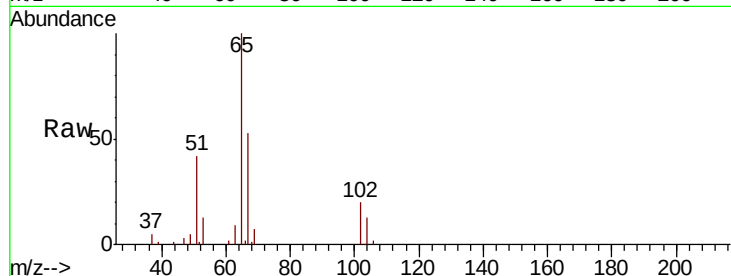




#33
 1,2-Dichloroethane-d4
 Concen: 49.166 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

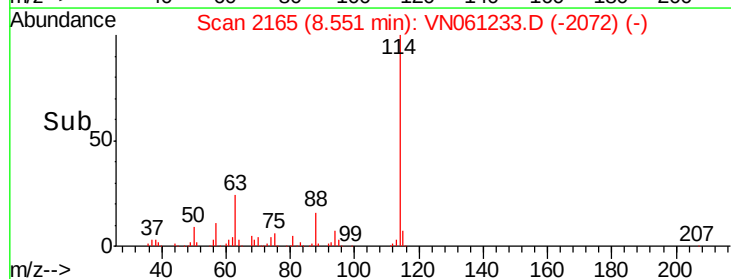
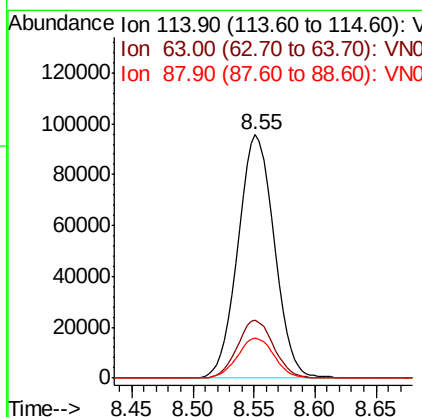
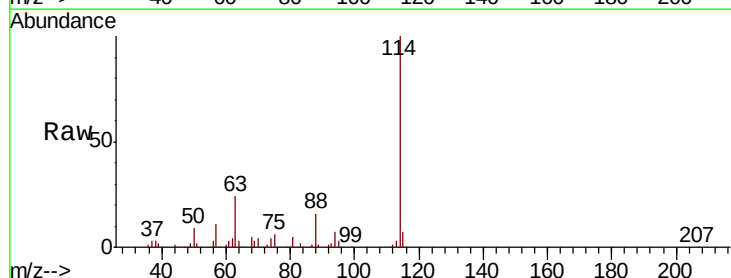
Instrument :
 MSVOA_N
 ClientSampleId :

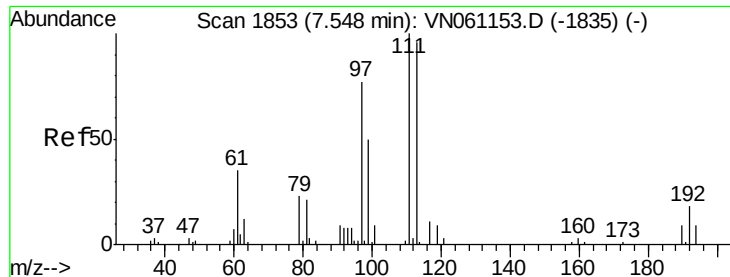
Tot Ion: 65 Resp: 86073
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

Tgt Ion: 114 Resp: 196917
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.6
 88 16.4 0.0 33.4

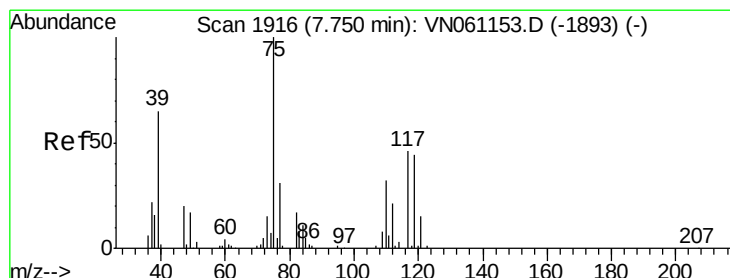
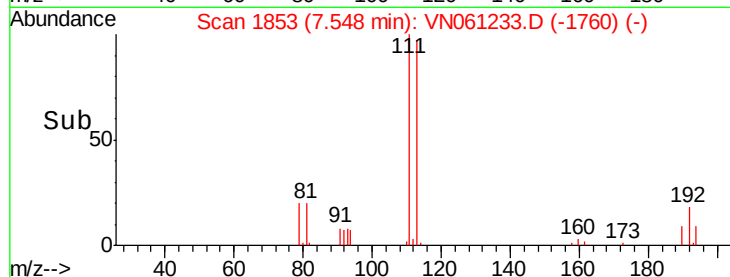
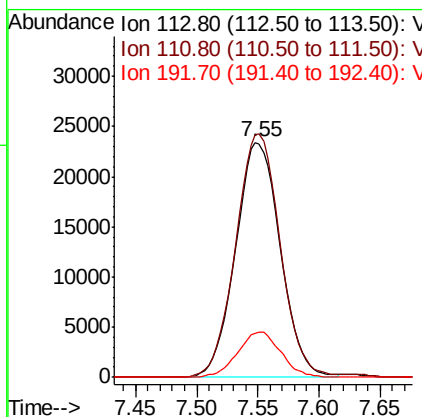
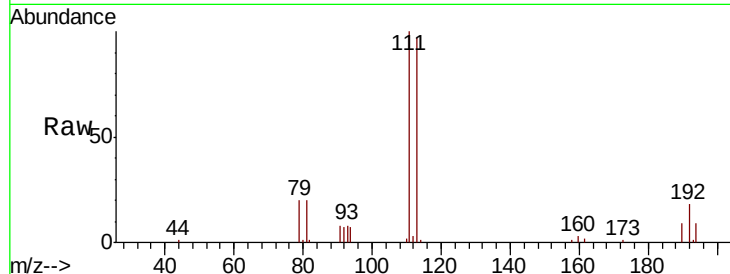




#35
 Dibromofluoromethane
 Concen: 51.115 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

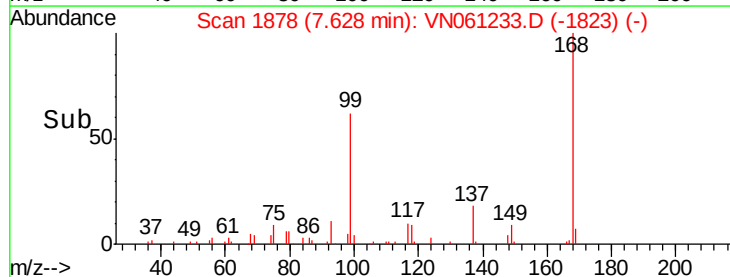
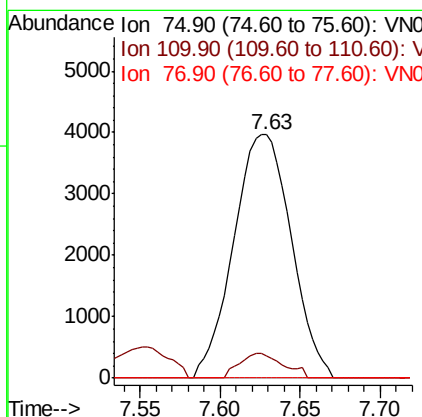
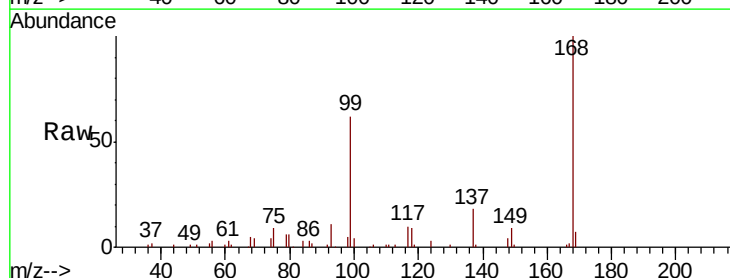
Instrument :
 MSVOA_N
 ClientSampleId :

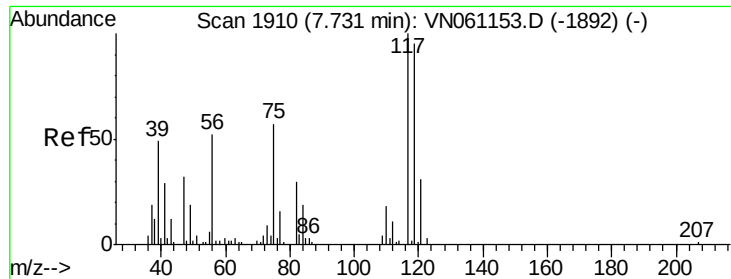
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.6	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 4.966 ug/l
 RT: 7.63 min Scan# 1878
 Delta R.T. -0.12 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.0	48.0#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 8.250 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. -0.11 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

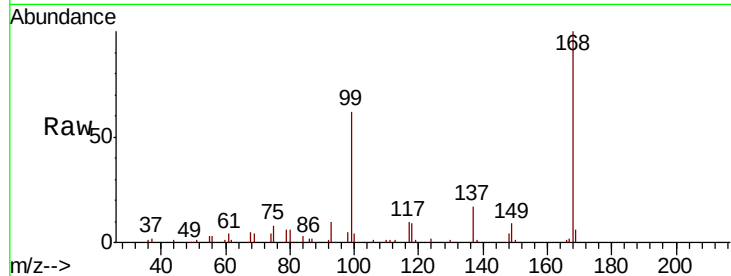
Tot Ion:117 Resp: 11239

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

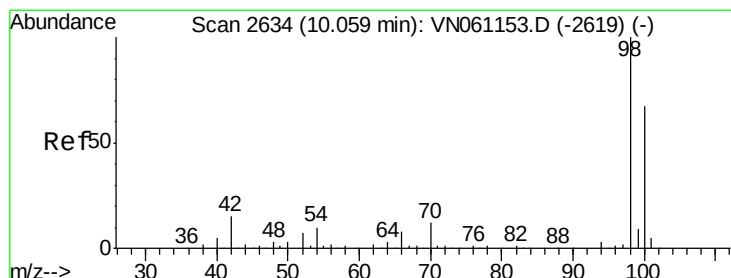
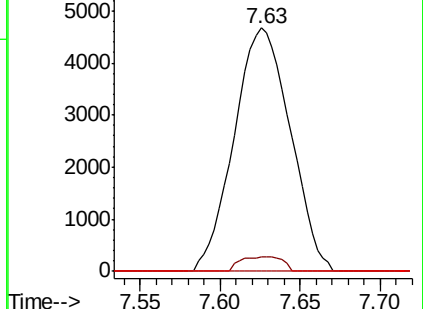
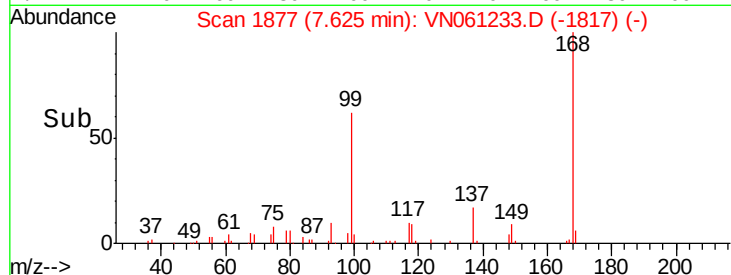
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.560 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061233.D

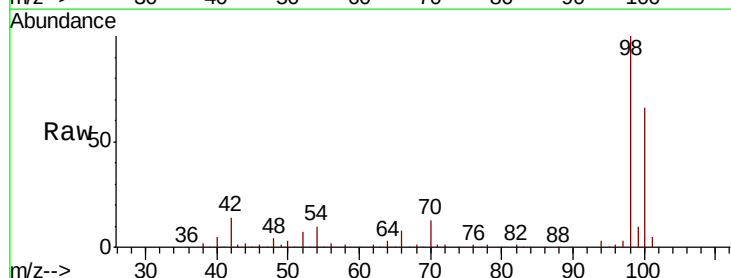
Acq: 1 May 2020 16:17

Tgt Ion: 98 Resp: 244744

Ion Ratio Lower Upper

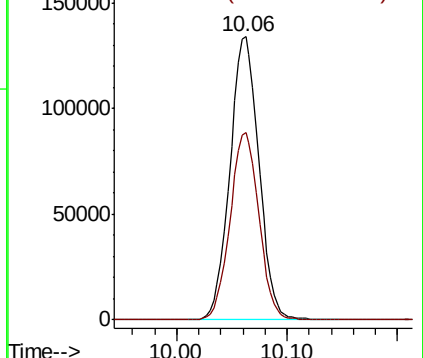
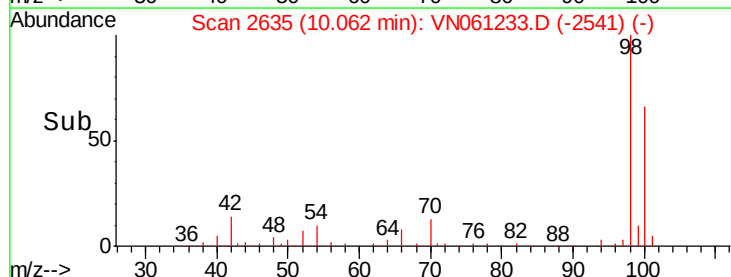
98 100

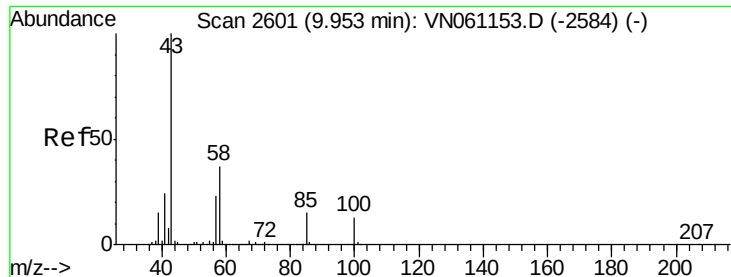
100 65.8 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.555 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

Instrument :

MSVOA_N

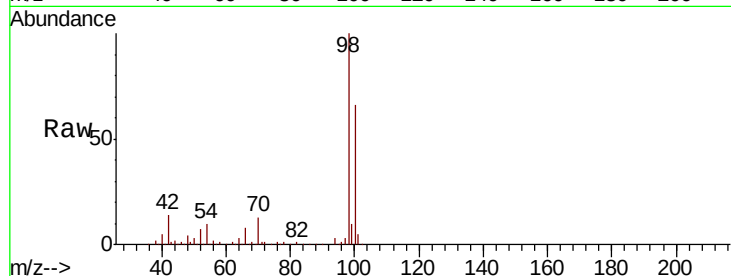
ClientSampled :

Tot Ion: 43 Resp: 1253

Ion Ratio Lower Upper

43 100

58 184.3 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1500

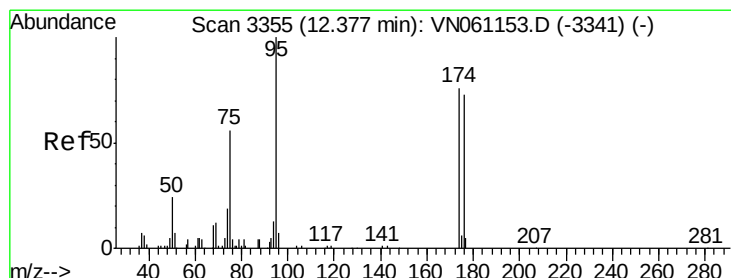
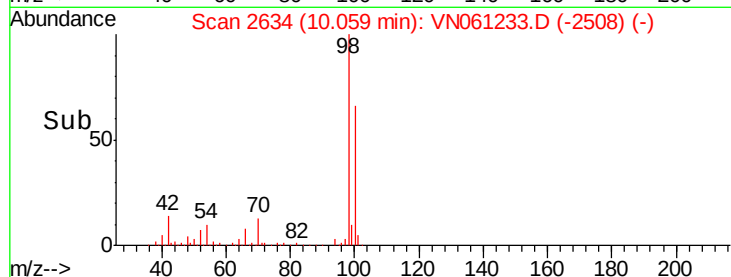
1000

500

0

10.05 10.06 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 50.344 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

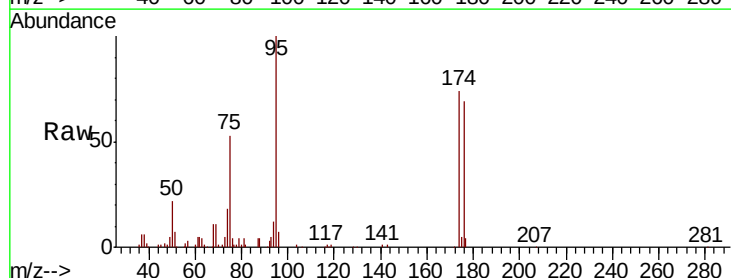
Tgt Ion: 95 Resp: 89928

Ion Ratio Lower Upper

95 100

174 74.3 0.0 149.4

176 70.9 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

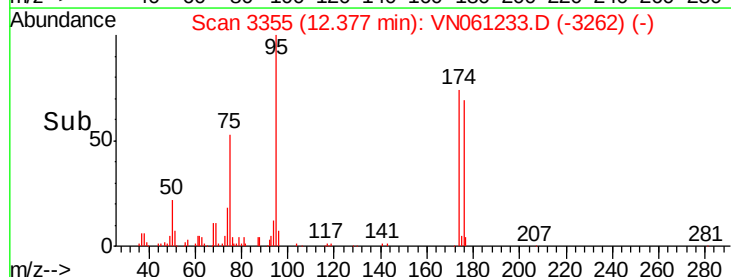
40000

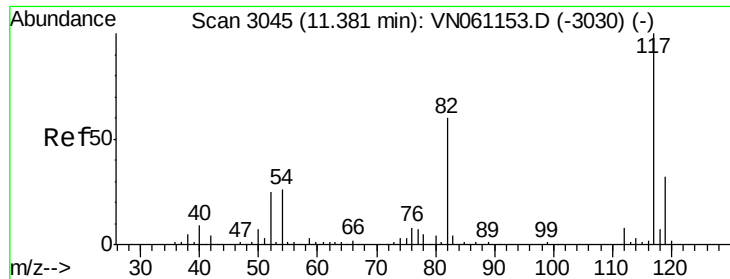
20000

0

12.30 12.35 12.40 12.45

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

Instrument :

MSVOA_N

ClientSampled :

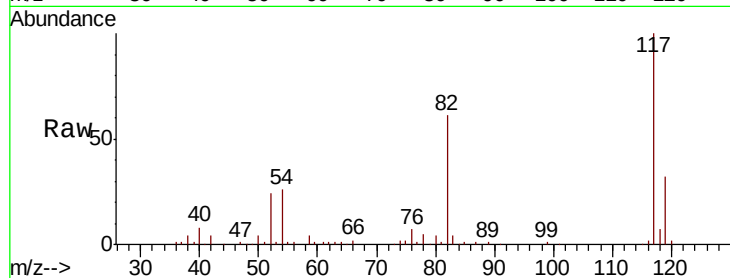
Tot Ion:117 Resp: 186303

Ion Ratio Lower Upper

117 100

82 60.7 47.8 71.8

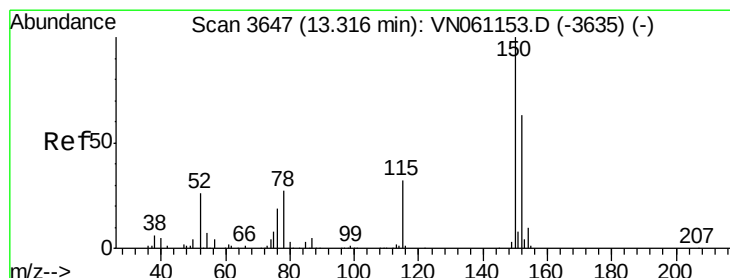
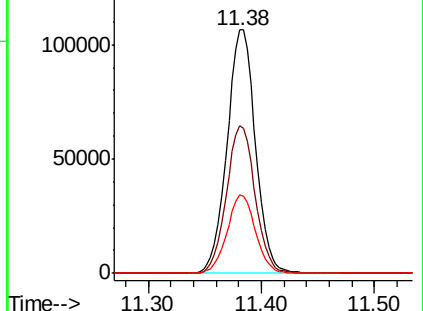
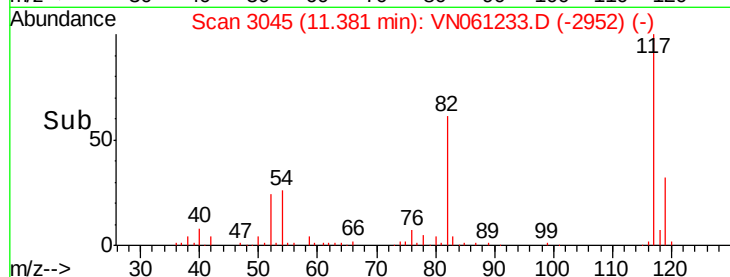
119 32.1 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061233.D

Acq: 1 May 2020 16:17

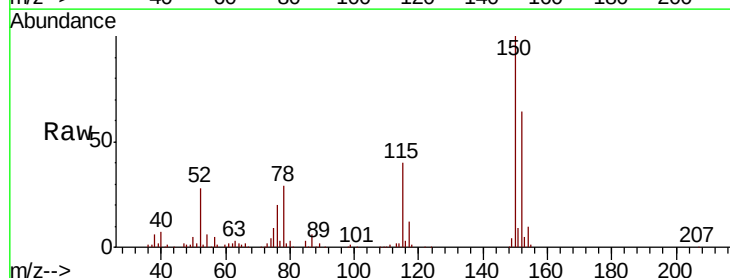
Tgt Ion:152 Resp: 82817

Ion Ratio Lower Upper

152 100

115 61.9 31.0 93.0

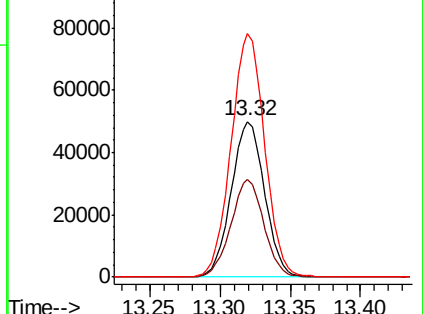
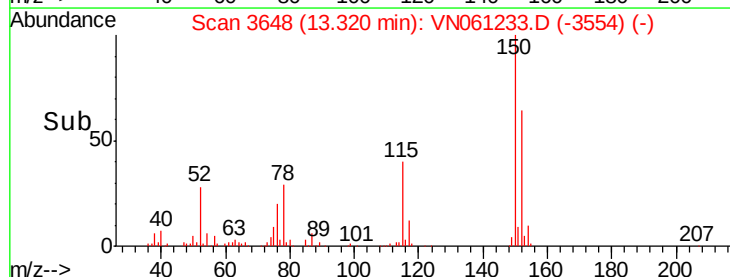
150 157.3 0.0 351.8

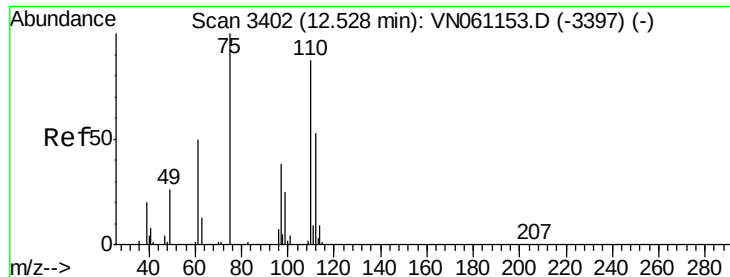


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

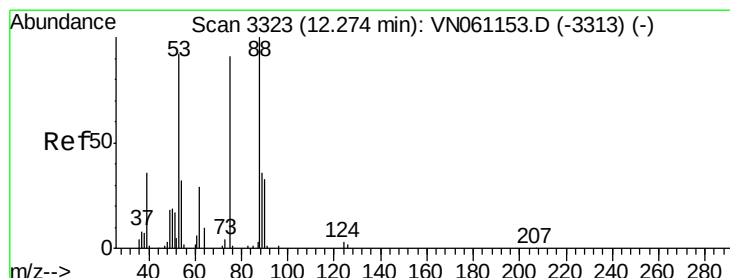
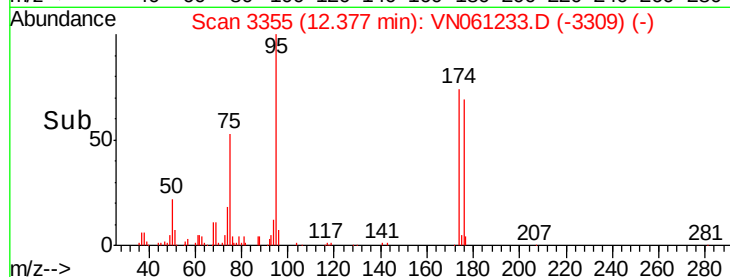
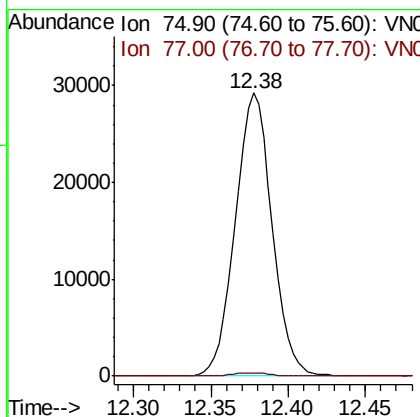
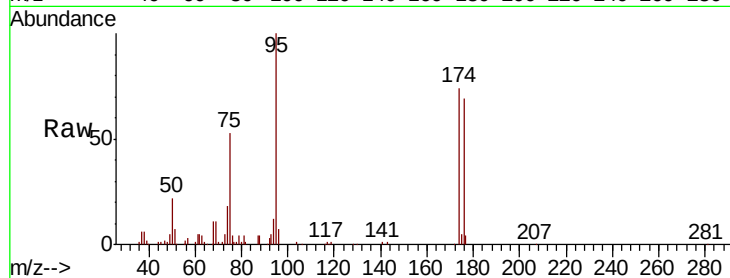




#76
 1,2,3-Trichloropropane
 Concen: 27.563 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 48125
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.996 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061233.D
 Acq: 1 May 2020 16:17

Tgt Ion: 75 Resp: 48125
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

