

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061234.D
 Acq On : 1 May 2020 16:41
 Operator : JC/MD
 Sample : L2445-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

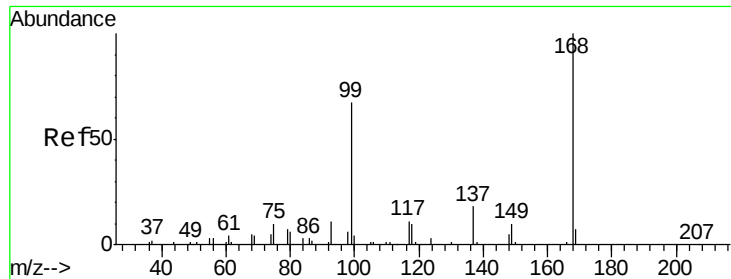
Quant Time: May 04 00:55:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	110958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	196980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	185383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81864	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	86238	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	7.55	113	59836	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
50) Toluene-d8	10.06	98	244545	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.38	95	88384	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	772	0.542	ug/l	90
14) Allyl chloride	4.02	41	1218	0.561	ug/l #	82
16) Acetone	3.78	43	8892	7.742	ug/l	94
18) Methyl Acetate	4.02	43	3039	2.032	ug/l #	55
31) Cyclohexane	7.63	56	2815	1.102	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	10164	5.155	ug/l #	50
38) Carbon Tetrachloride	7.63	117	11762	8.525	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1248	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	47935	27.774	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	47935	70.531	ug/l #	8

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

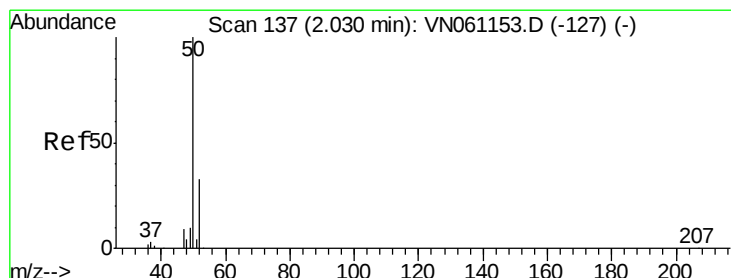
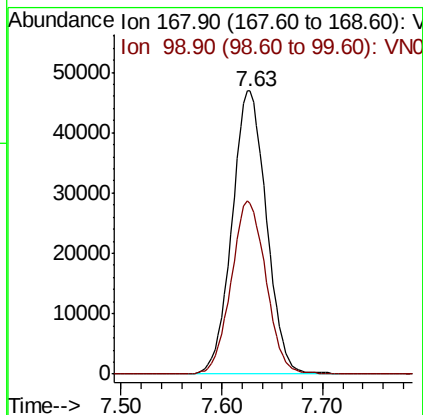
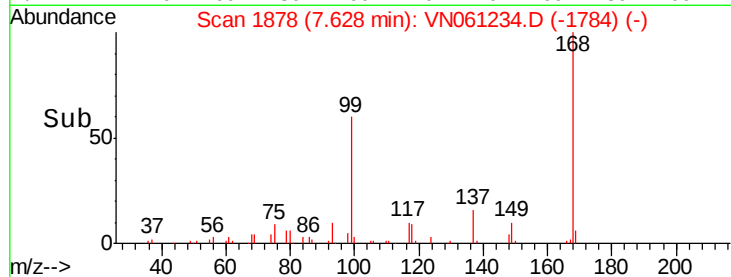
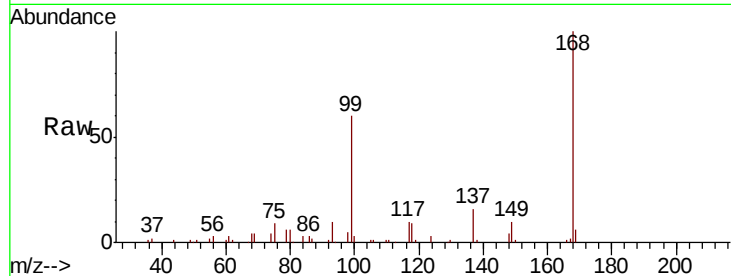


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

Instrument :
 MSVOA_N
 ClientSampled :

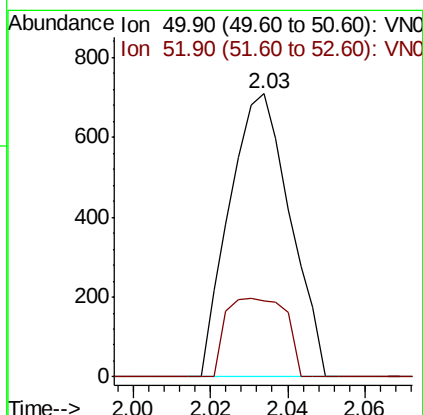
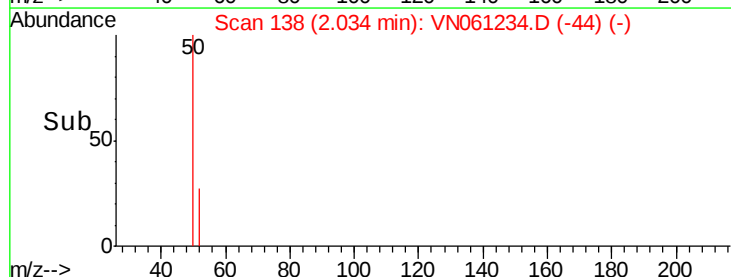
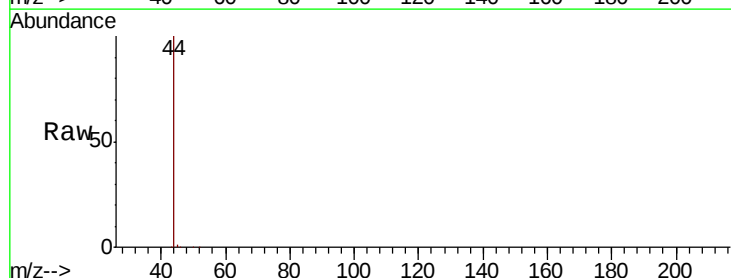
Tot Ion:168 Resp: 110958
 Ion Ratio Lower Upper
 168 100
 99 60.5 51.2 76.8

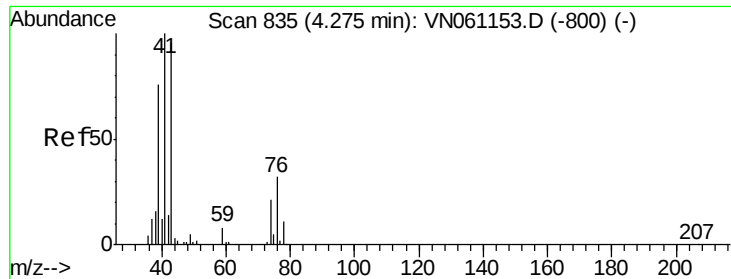


#3

Chloromethane
 Concen: 0.542 ug/l
 RT: 2.03 min Scan# 138
 Delta R.T. 0.00 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

Tgt Ion: 50 Resp: 772
 Ion Ratio Lower Upper
 50 100
 52 27.0 26.0 39.0

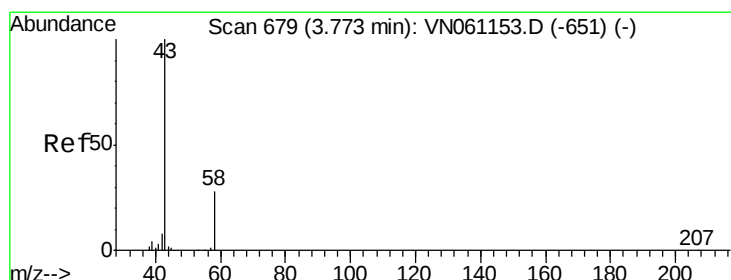
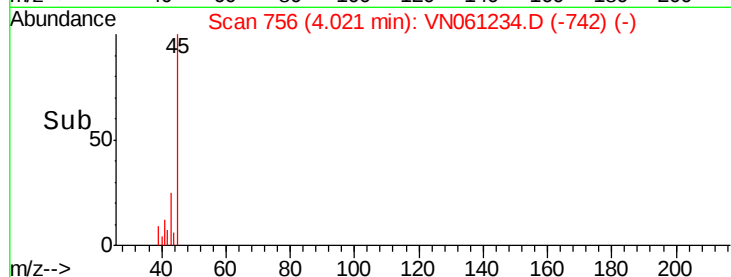
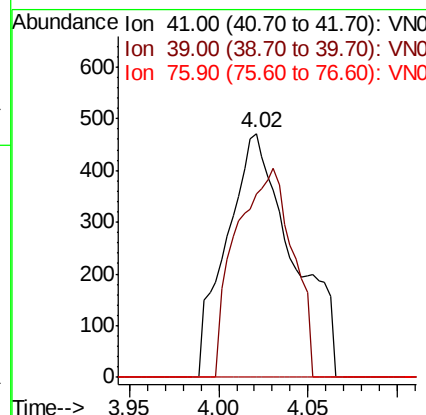
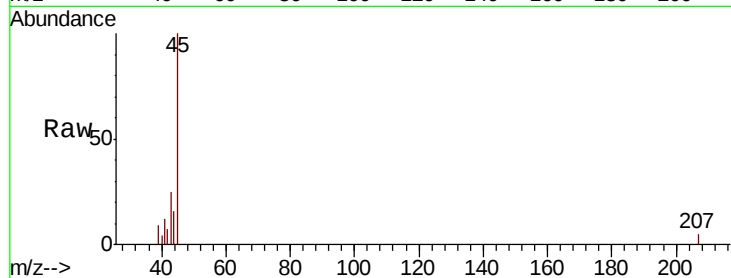




#14
Allvl chloride
Concen: 0.561 ug/l
RT: 4.02 min Scan# 756
Delta R.T. -0.25 min
Lab File: VN061234.D
Acq: 1 May 2020 16:41

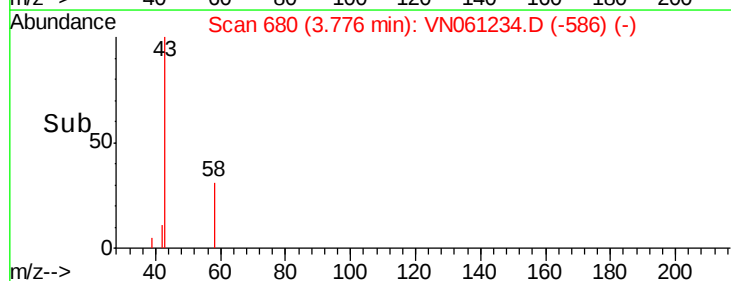
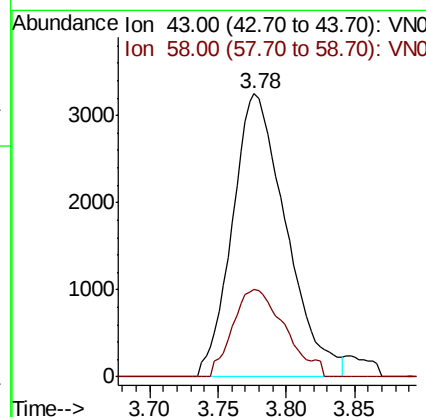
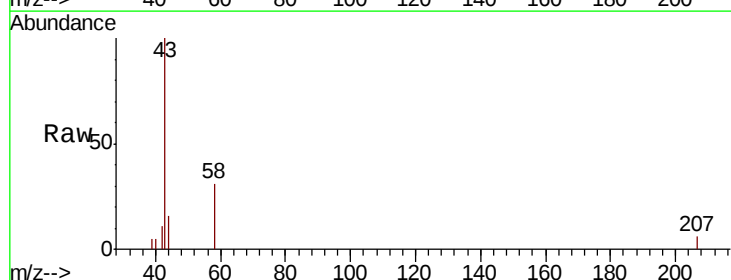
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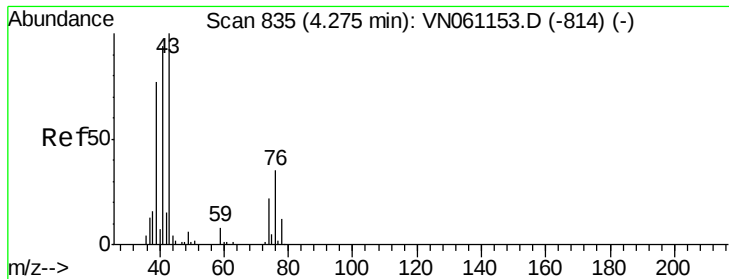
Tot Ion: 41 Resp: 1218
Ion Ratio Lower Upper
41 100
39 73.3 57.1 85.7
76 0.0 24.3 36.5#



#16
Acetone
Concen: 7.742 ug/l
RT: 3.78 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN061234.D
Acq: 1 May 2020 16:41

Tgt Ion: 43 Resp: 8892
Ion Ratio Lower Upper
43 100
58 30.8 22.2 33.2

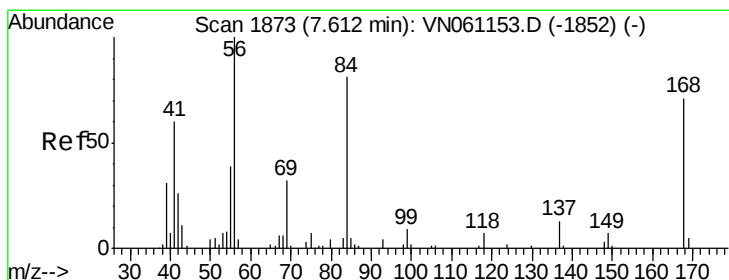
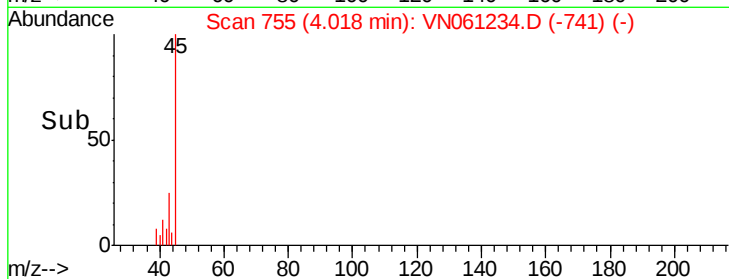
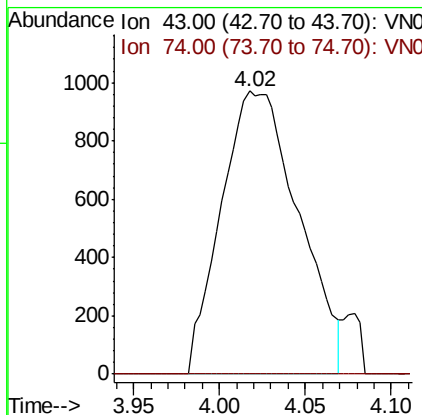
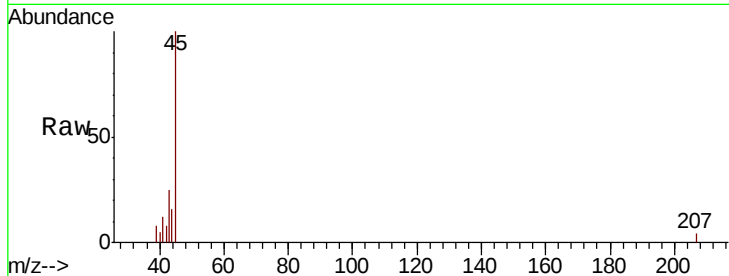




#18
Methvl Acetate
Concen: 2.032 ug/l
RT: 4.02 min Scan# 755
Delta R.T. -0.26 min
Lab File: VN061234.D
Acq: 1 May 2020 16:41

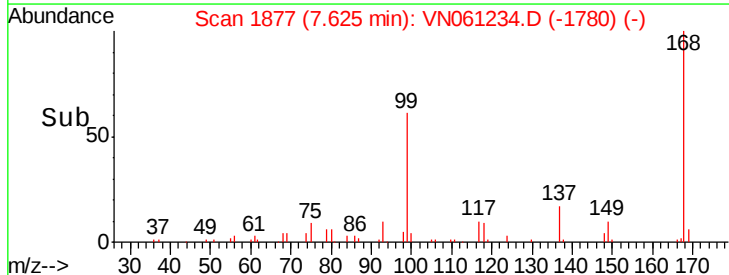
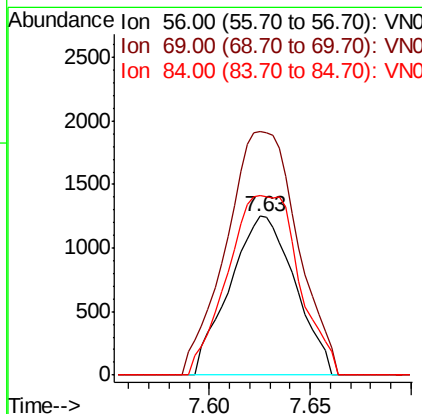
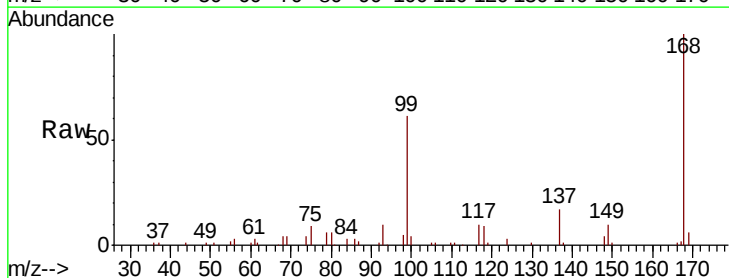
Instrument :
MSVOA_N
ClientSampled :

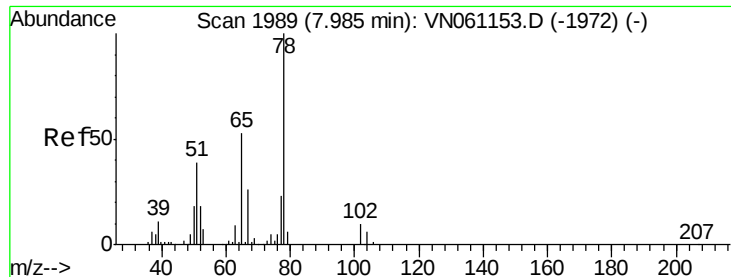
Tot Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061234.D
Acq: 1 May 2020 16:41

Tgt Ion: 56 Resp: 2815
Ion Ratio Lower Upper
56 100
69 153.1 25.7 38.5#
84 113.3 64.6 97.0#

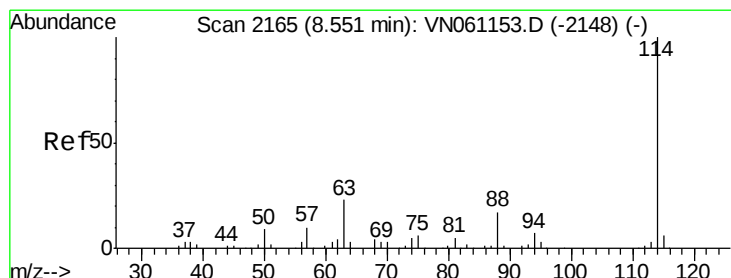
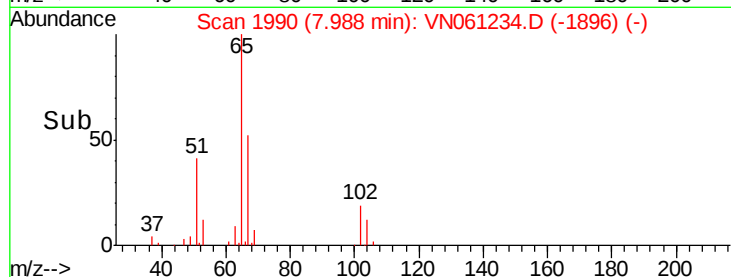
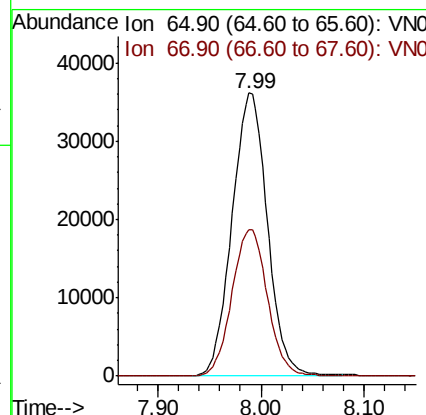
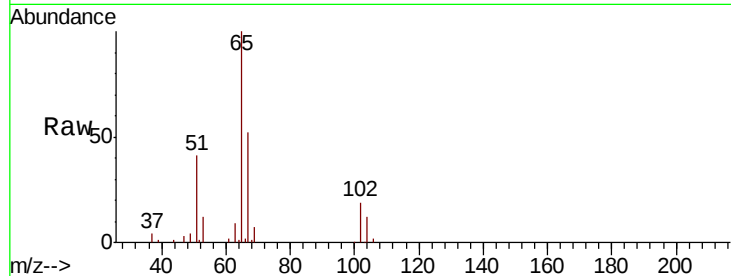




#33
 1,2-Dichloroethane-d4
 Concen: 49.119 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

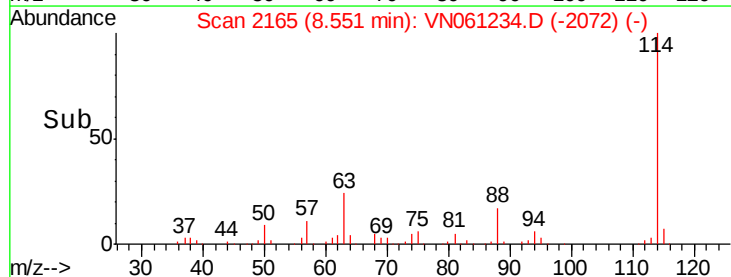
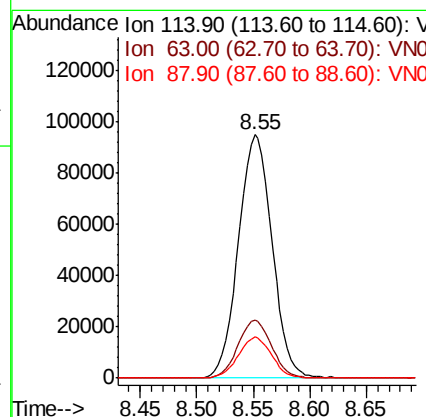
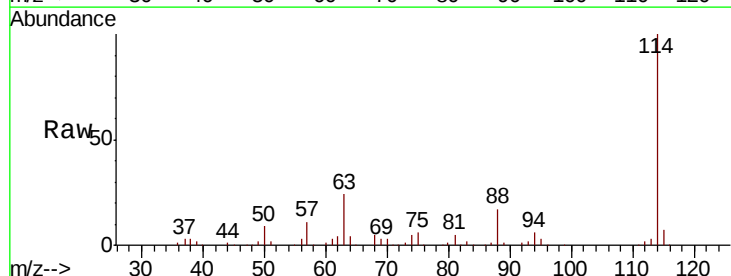
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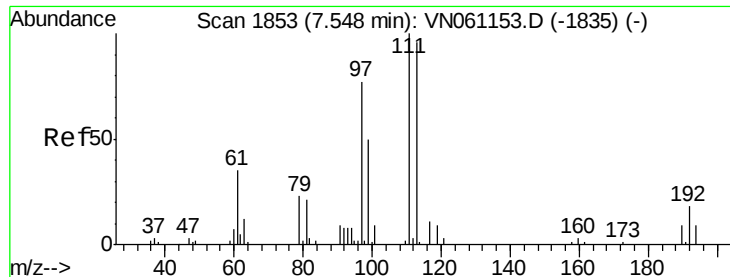
Tot Ion: 65 Resp: 86238
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

Tgt Ion: 114 Resp: 196980
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.6
 88 16.8 0.0 33.4

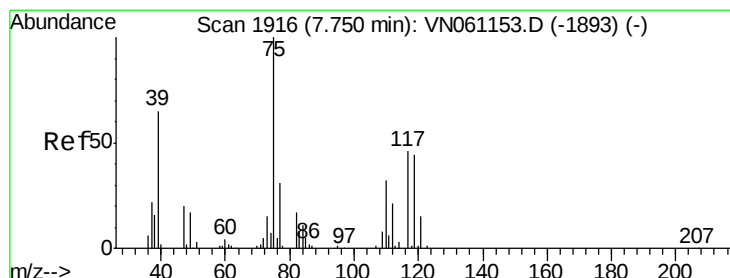
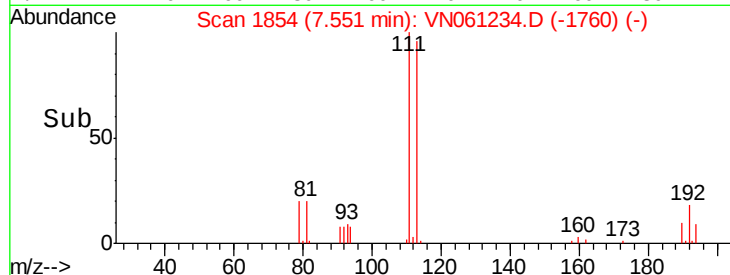
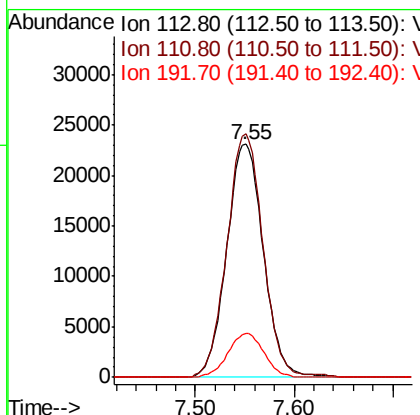
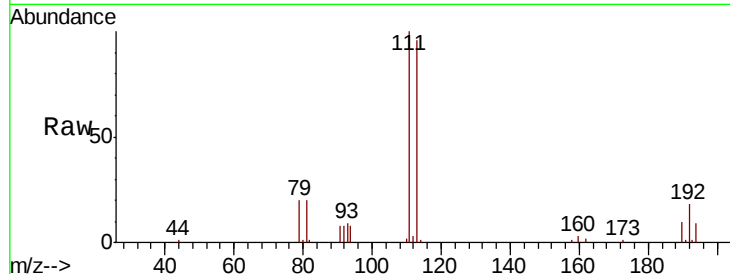




#35
 Dibromofluoromethane
 Concen: 51.371 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

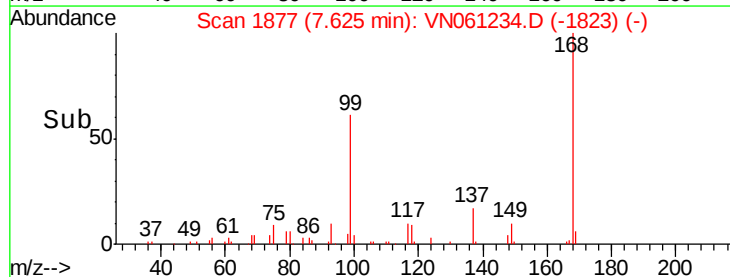
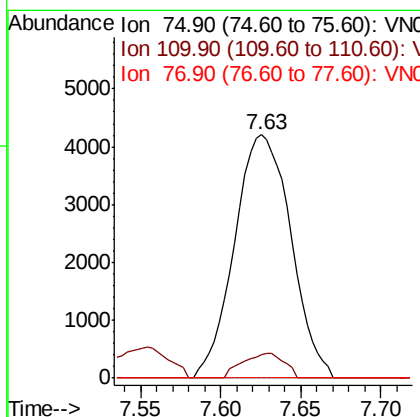
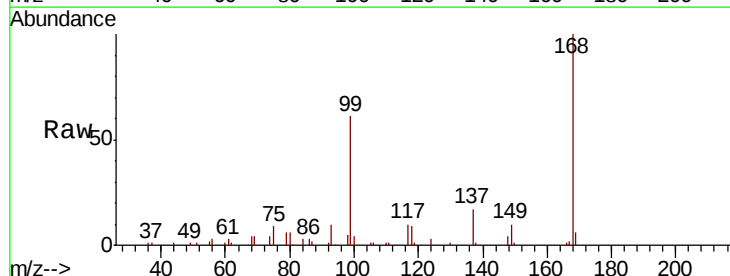
Instrument :
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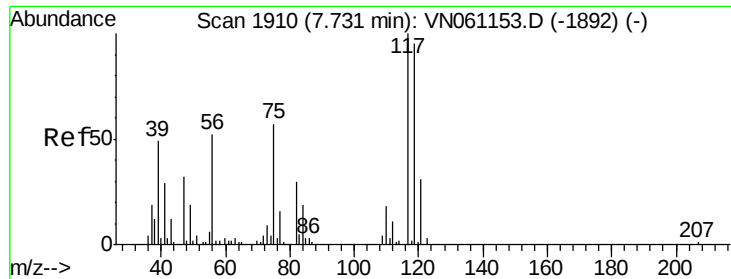
Tot Ion:113 Resp: 59836
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 18.5 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 5.155 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

Tgt Ion: 75 Resp: 10164
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.0 48.0#
 77 0.0 24.6 37.0#

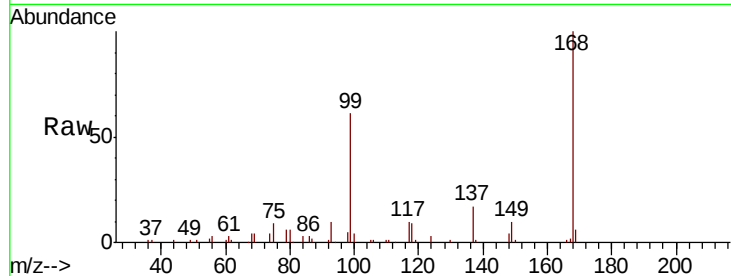




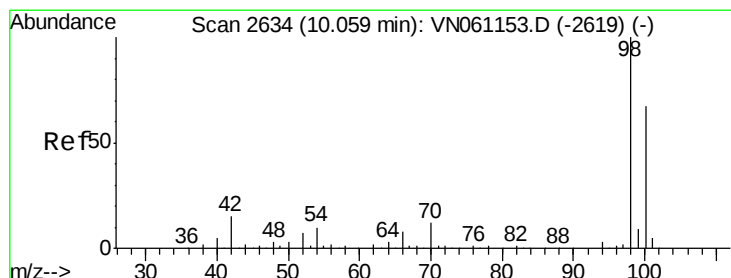
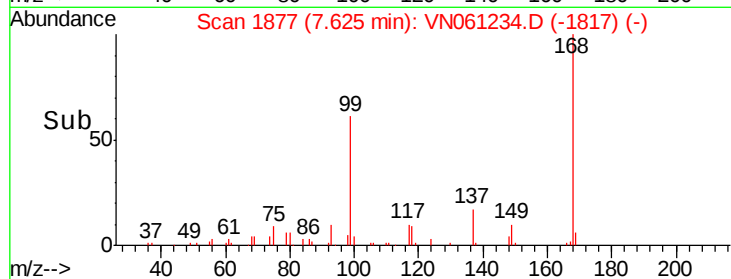
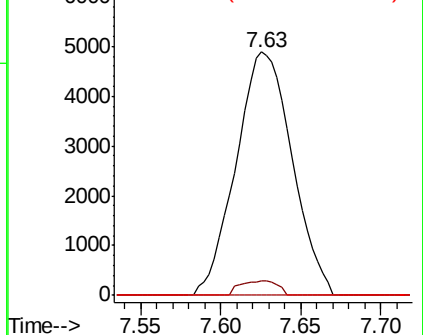
#38
Carbon Tetrachloride
Concen: 8.525 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061234.D
Acq: 1 May 2020 16:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 11762
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.7 37.1#

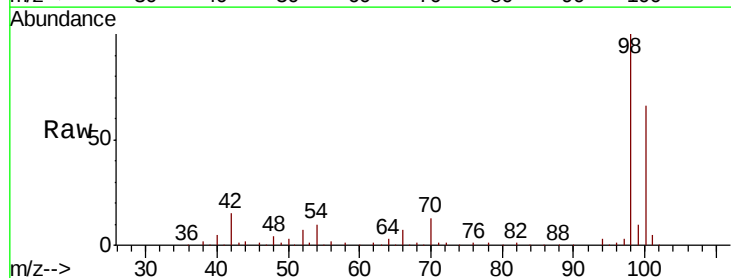


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

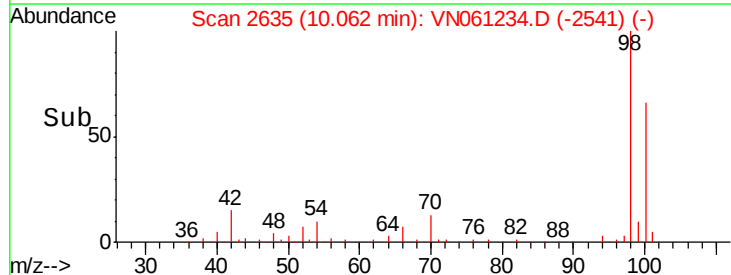
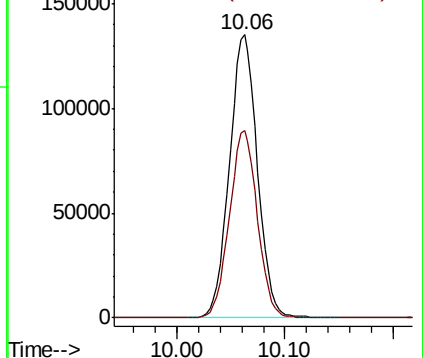


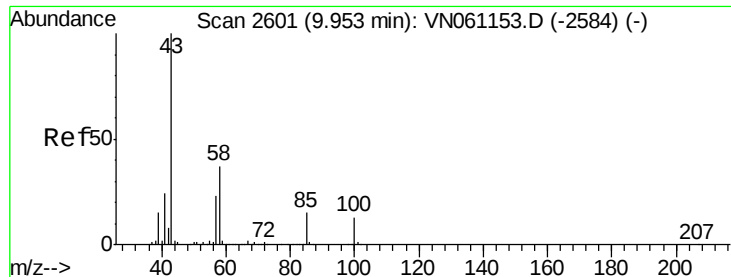
#50
Toluene-d8
Concen: 51.502 ug/l
RT: 10.06 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VN061234.D
Acq: 1 May 2020 16:41

Tgt Ion: 98 Resp: 244545
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0



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

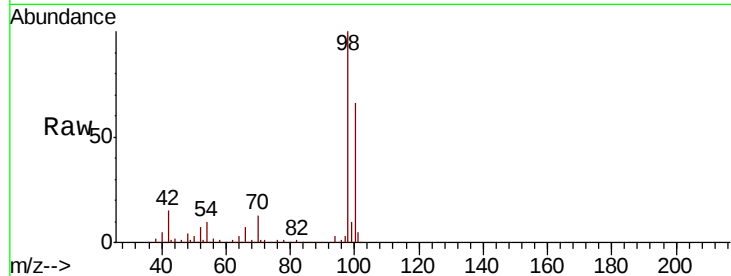




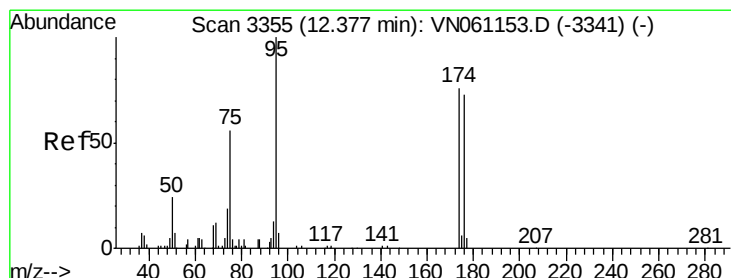
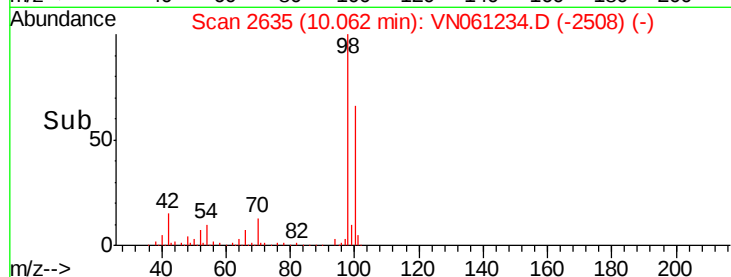
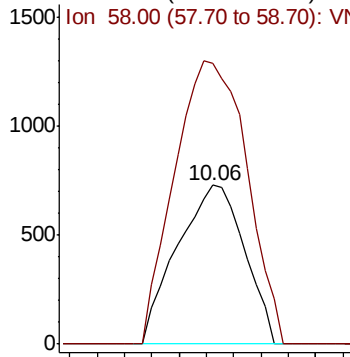
#51
 4-Methyl-2-Pentanone
 Concen: 0.553 ug/l
 RT: 10.06 min Scan# 2635
 Delta R.T. 0.11 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 1248
 Ion Ratio Lower Upper
 43 100
 58 192.0 29.1 43.7#

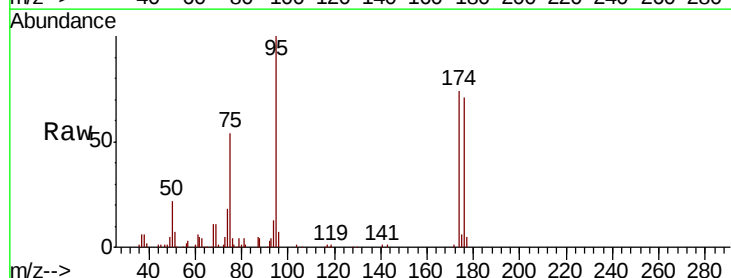


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

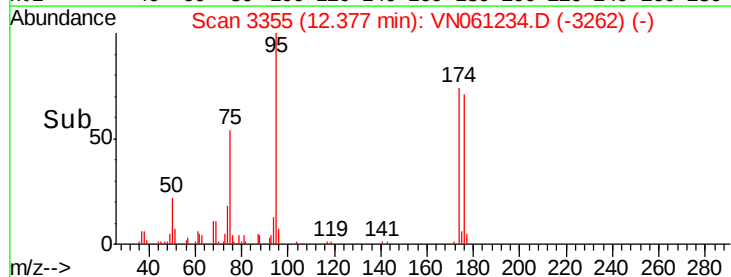
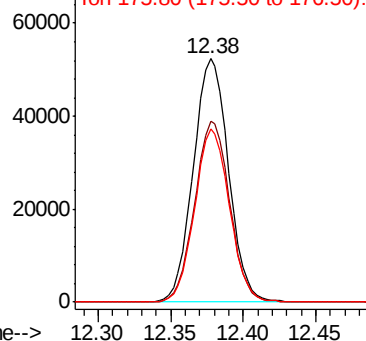


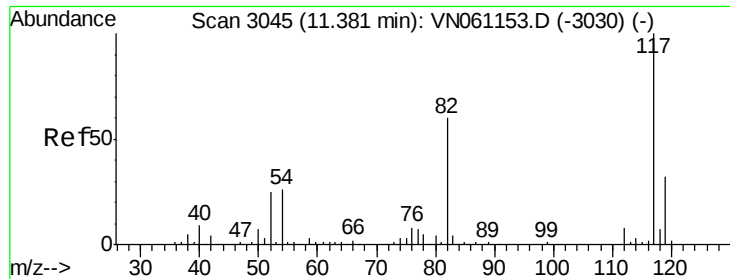
#62
 4-Bromofluorobenzene
 Concen: 49.463 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

Tgt Ion: 95 Resp: 88384
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 149.4
 176 70.4 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

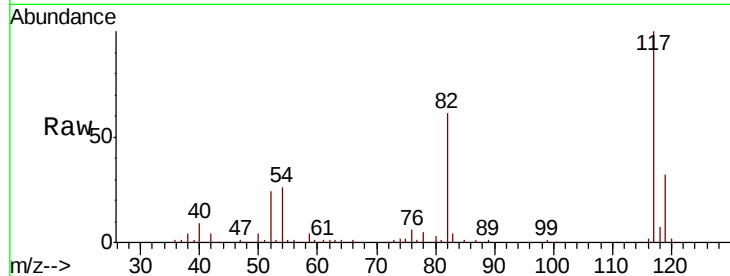




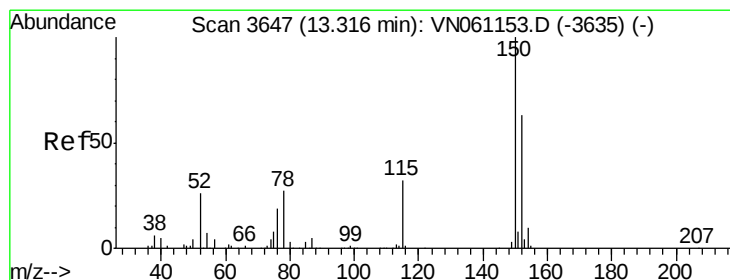
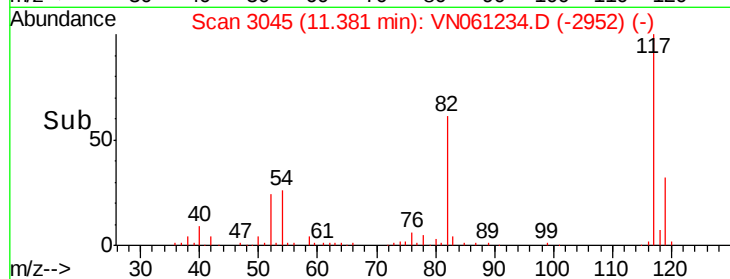
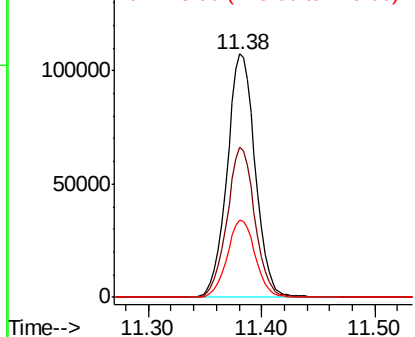
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061234.D
Acq: 1 May 2020 16:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 185383
Ion Ratio Lower Upper
117 100
82 61.4 47.8 71.8
119 31.5 25.8 38.6

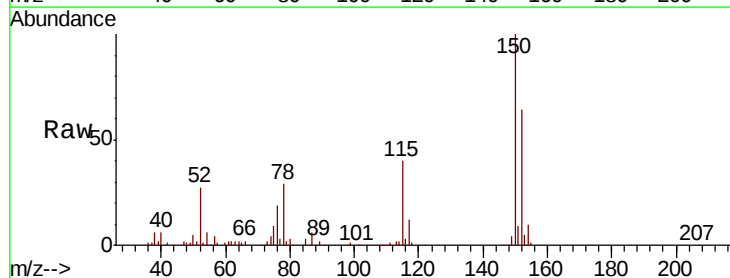


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

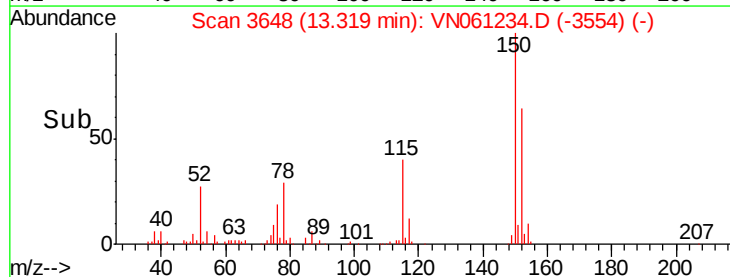
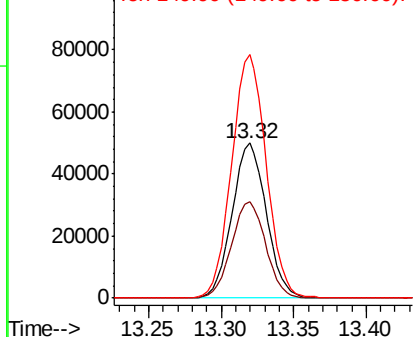


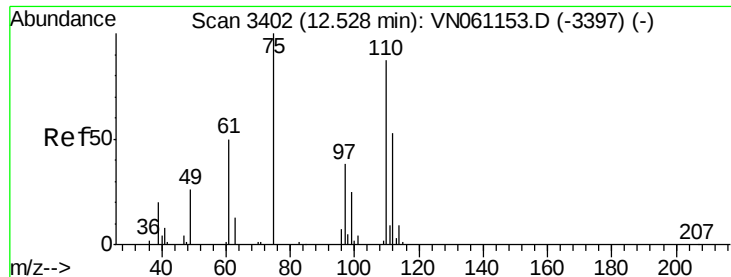
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061234.D
Acq: 1 May 2020 16:41

Tgt Ion:152 Resp: 81864
Ion Ratio Lower Upper
152 100
115 62.3 31.0 93.0
150 158.8 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

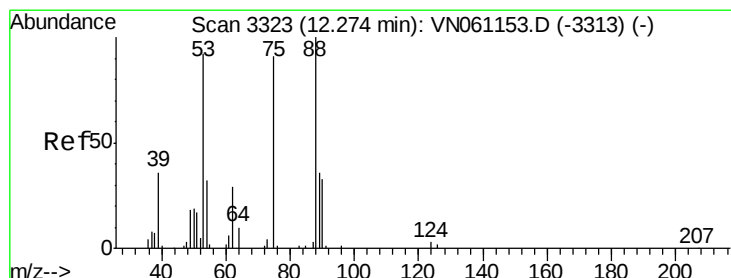
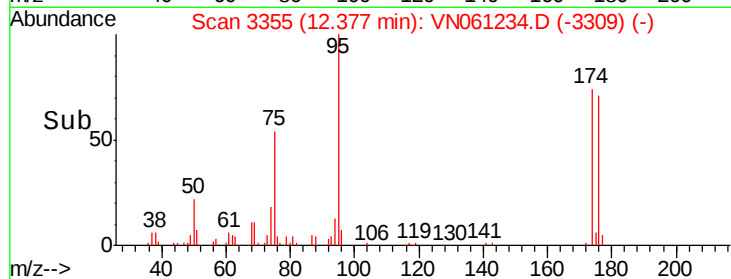
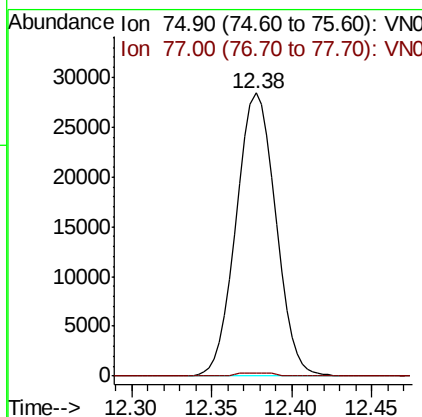
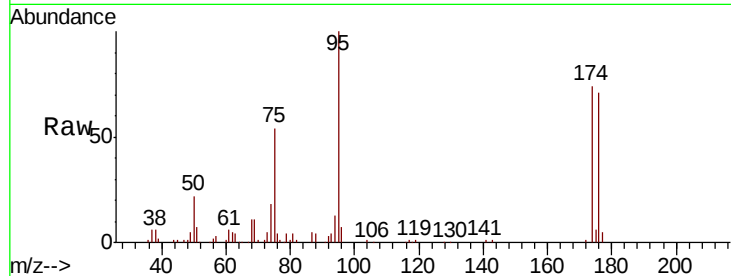




#76
 1,2,3-Trichloropropane
 Concen: 27.774 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. -0.15 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 47935
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.531 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061234.D
 Acq: 1 May 2020 16:41

Tgt Ion: 75 Resp: 47935
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

