

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112219\
 Data File : VD064344.D
 Acq On : 22 Nov 2019 13:39
 Operator : VA/SY
 Sample : K5977-05
 Misc : 6.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:46:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

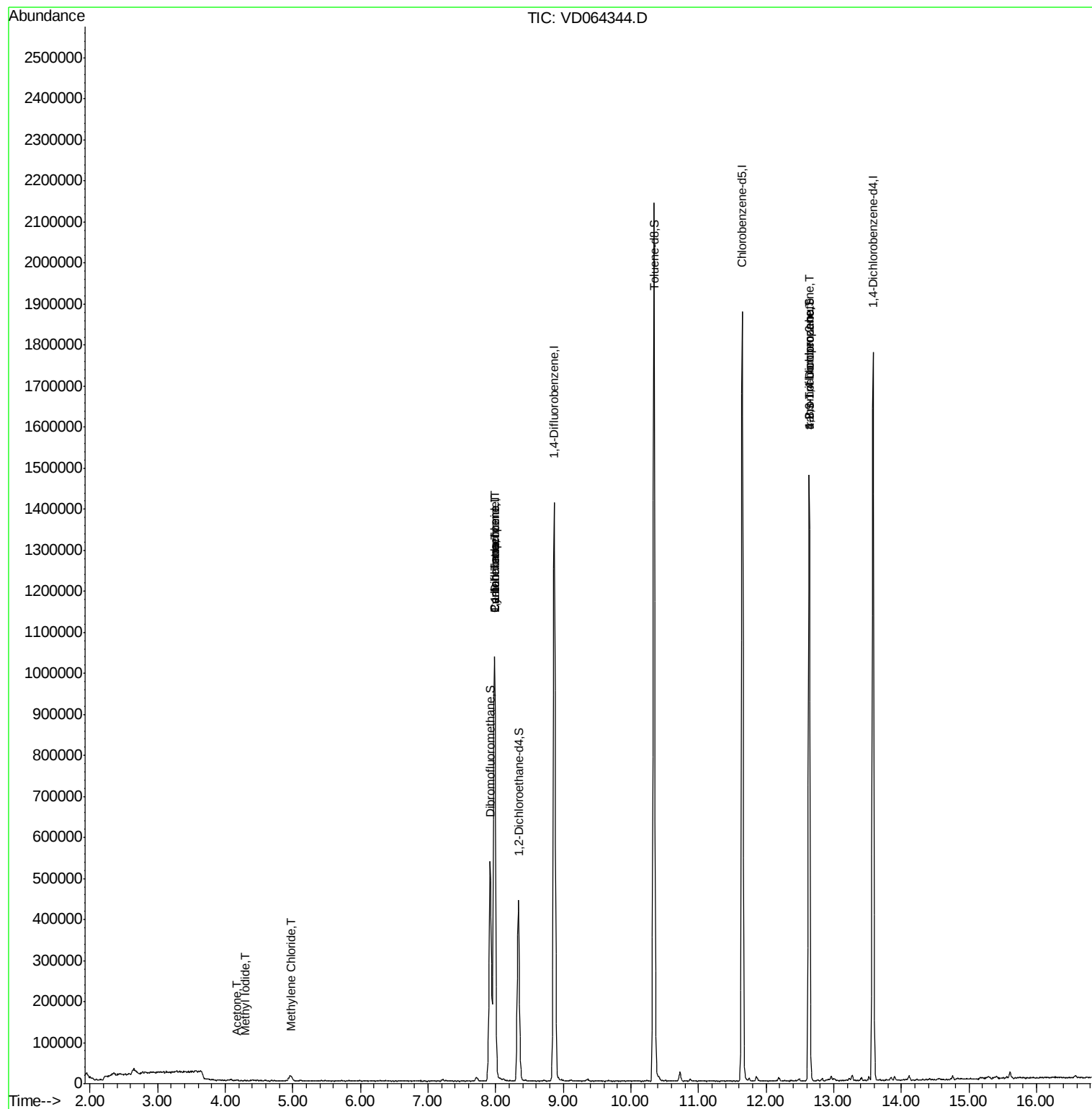
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	862519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1249770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1068582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	493950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	347912	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	7.92	113	370138	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.34	98	1440489	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.64	95	446907	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.29	142	732	2.112	ug/l #	67
16) Acetone	4.17	43	2174	1.294	ug/l #	87
20) Methylene Chloride	4.97	84	9835	1.159	ug/l #	80
31) Cyclohexane	7.98	56	18149	1.304	ug/l #	22
36) 1,1-Dichloropropene	7.98	75	58223	5.048	ug/l #	50
38) Carbon Tetrachloride	7.98	117	77675	6.294	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	232074	58.330	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	232074	115.867	ug/l #	10

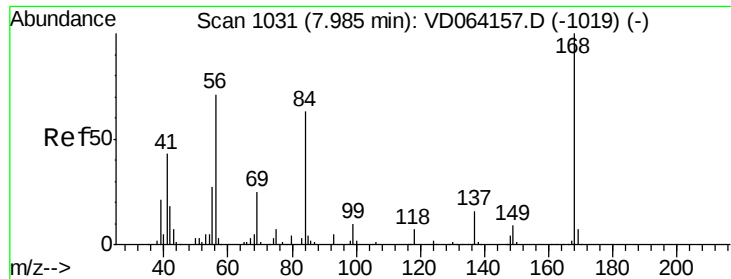
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112219\
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QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064344.D

Acq: 22 Nov 2019 13:39

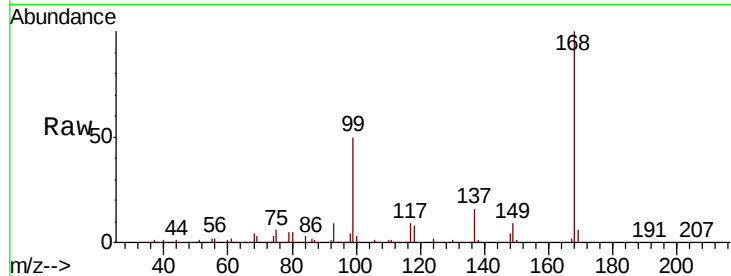
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 862519

Ion Ratio Lower Upper

168 100

99 49.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

400000

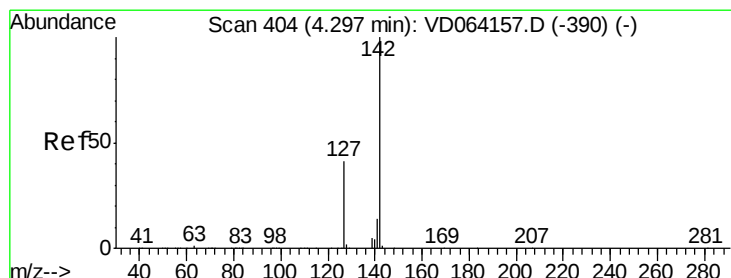
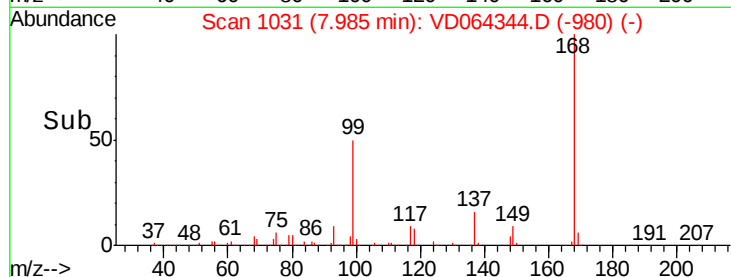
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.112 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064344.D

Acq: 22 Nov 2019 13:39

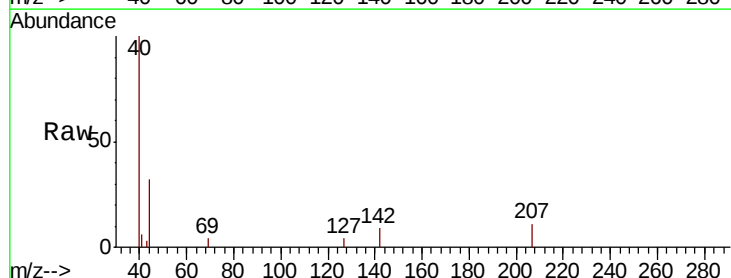
Tgt Ion:142 Resp: 732

Ion Ratio Lower Upper

142 100

127 17.8 34.4 51.6#

141 7.9 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.29

600

500

400

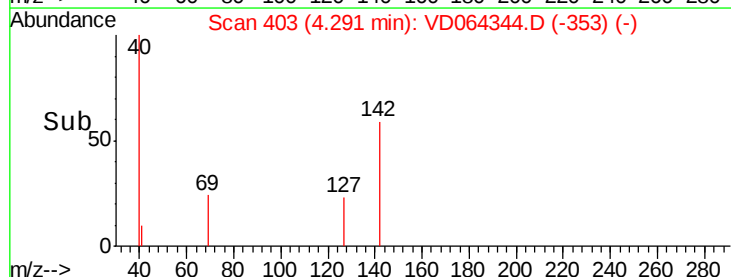
300

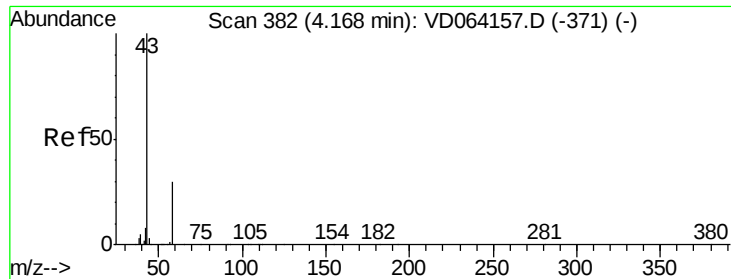
200

100

0

Time-->

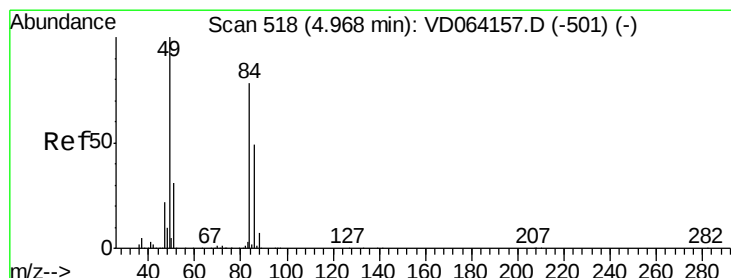
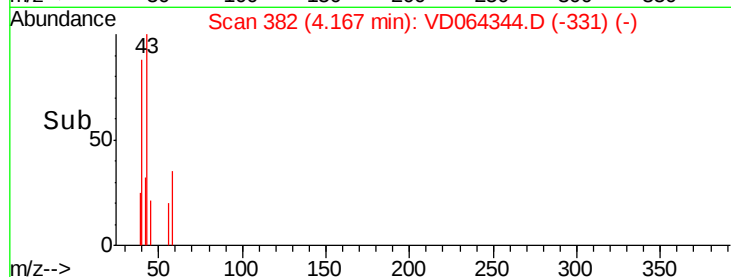
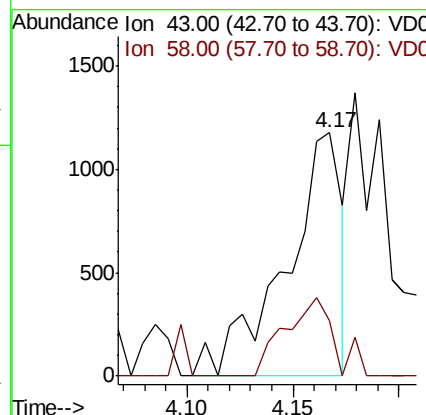
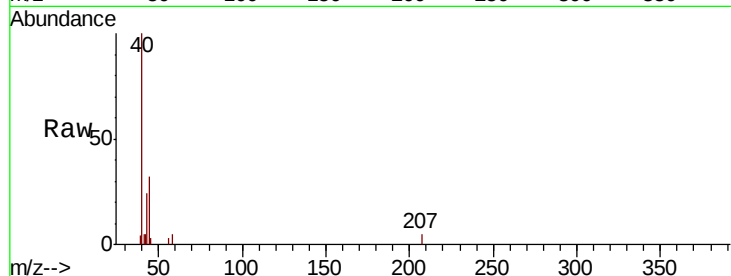




#16
Acetone
Concen: 1.294 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

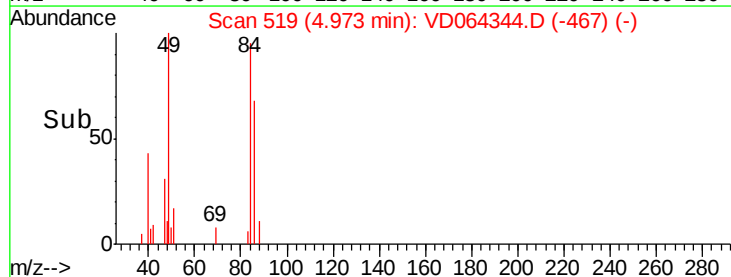
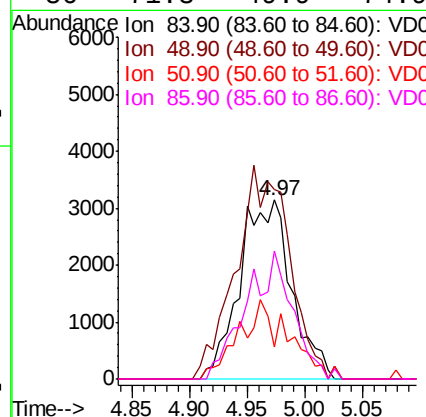
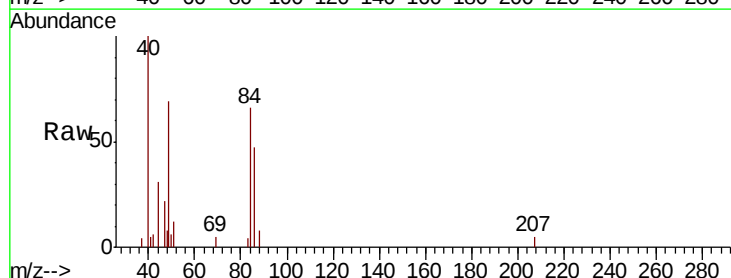
Instrument :
MSVOA_D
ClientSampleId :

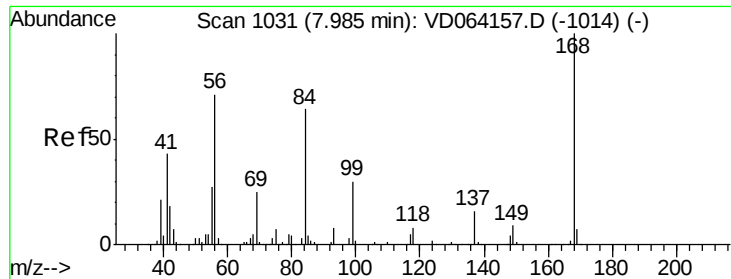
Tot Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 22.8 24.1 36.1#



#20
Methylene Chloride
Concen: 1.159 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Tgt Ion: 84 Resp: 9835
Ion Ratio Lower Upper
84 100
49 105.5 102.1 153.1
51 18.1 32.2 48.2#
86 71.3 49.9 74.9

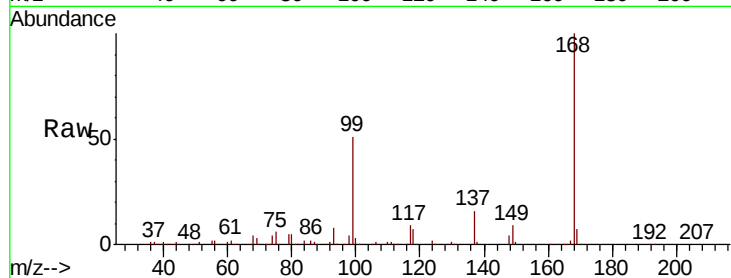




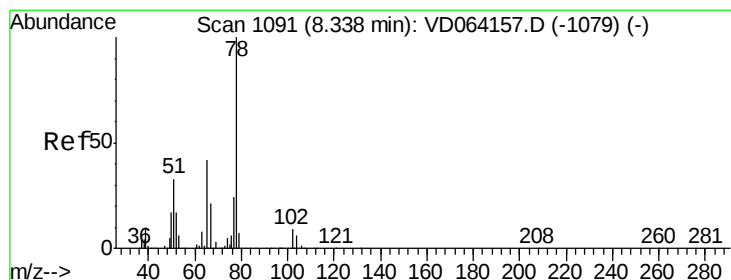
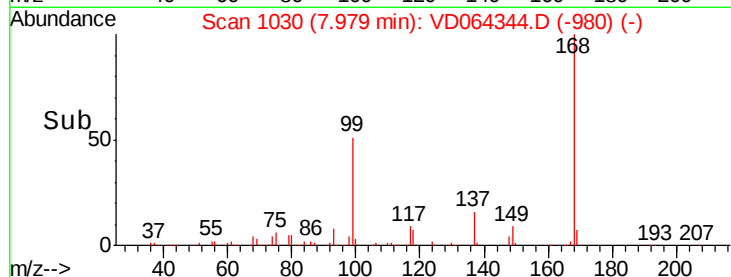
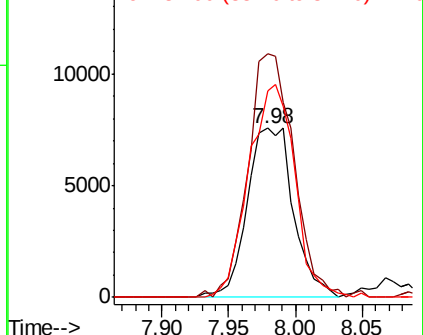
#31
Cyclohexane
Concen: 1.304 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 18149
Ion Ratio Lower Upper
56 100
69 144.1 28.2 42.4#
84 122.2 71.8 107.6#

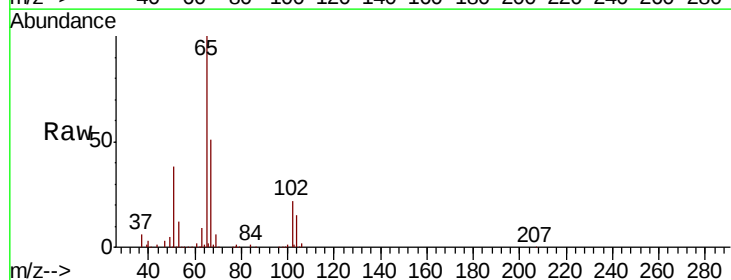


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

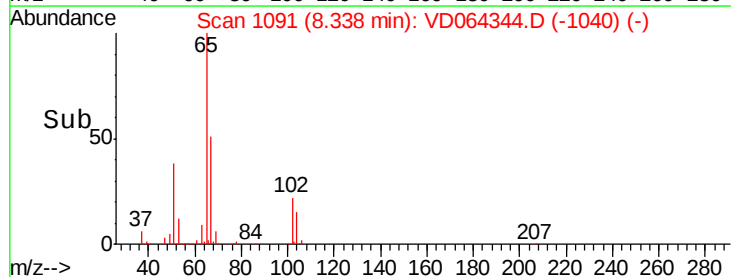
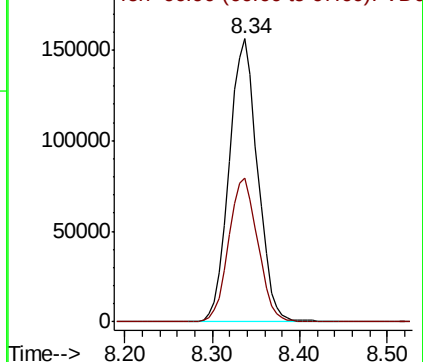


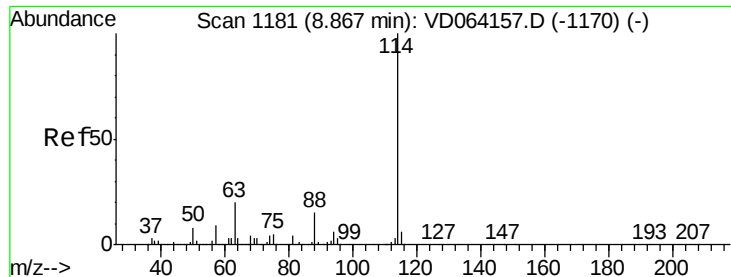
#33
1,2-Dichloroethane-d4
Concen: 49.045 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Tgt Ion: 65 Resp: 347912
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4



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

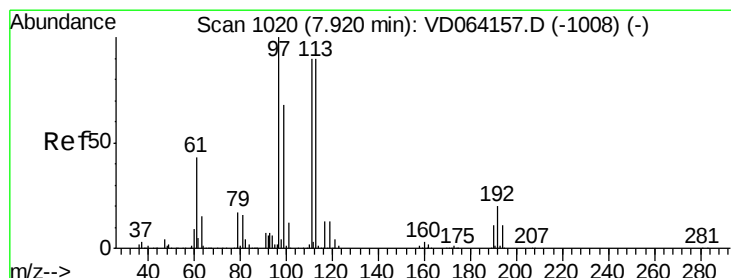
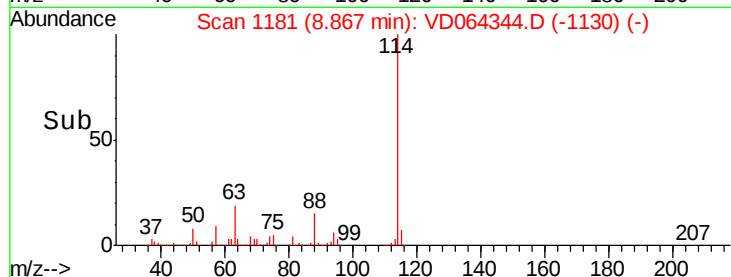
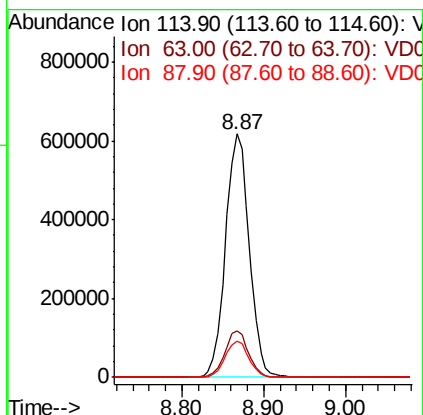
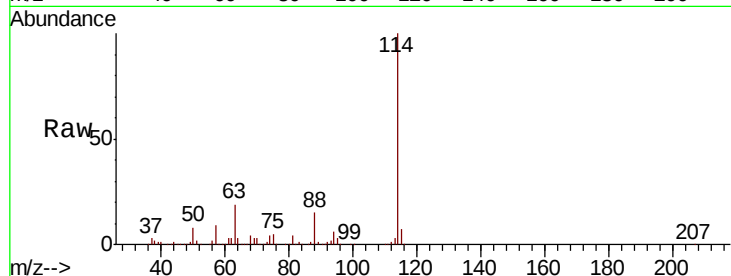




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

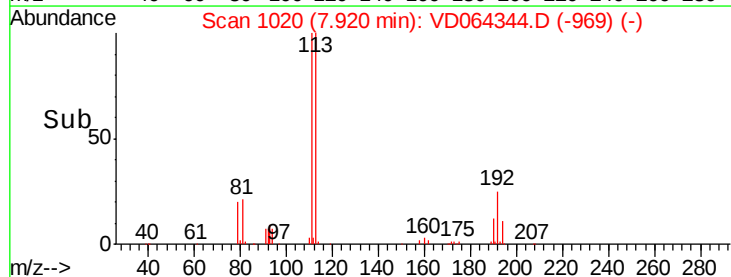
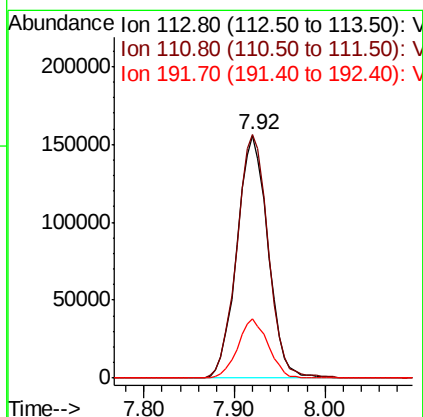
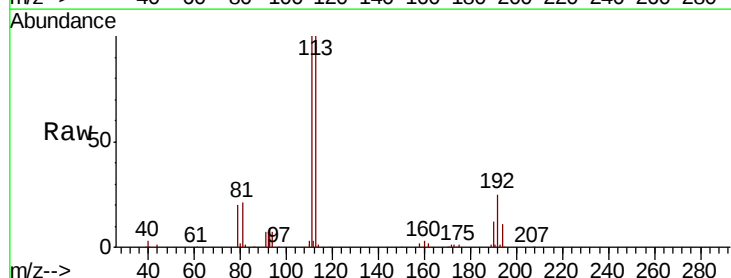
Instrument :
MSVOA_D
ClientSampleId :

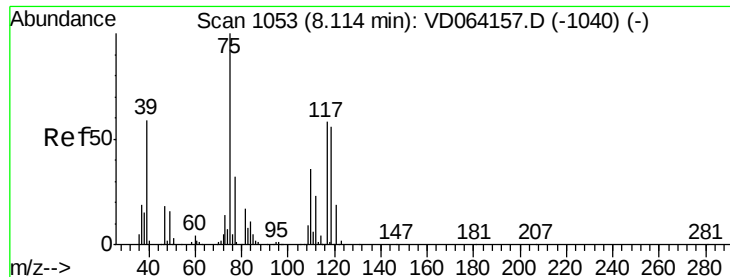
Tot Ion:114 Resp: 1249770
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 14.9 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.595 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Tgt Ion:113 Resp: 370138
Ion Ratio Lower Upper
113 100
111 101.7 81.5 122.3
192 23.9 18.8 28.2





#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD064344.D

Acq: 22 Nov 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

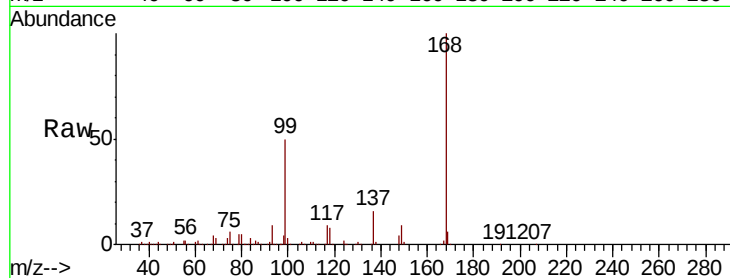
Tot Ion: 75 Resp: 58223

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.9#

77 0.0 25.0 37.6#

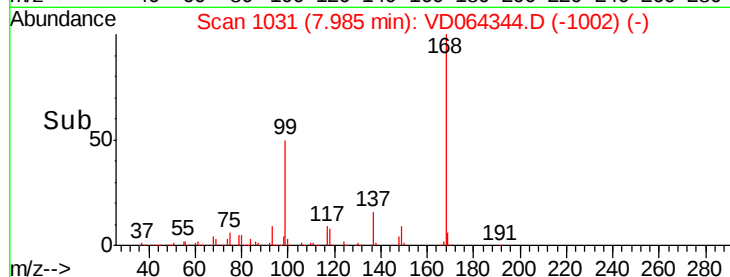


Abundance Ion 74.90 (74.60 to 75.60): VD064344.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD064344.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD064344.D (-1002) (-)

Time-->

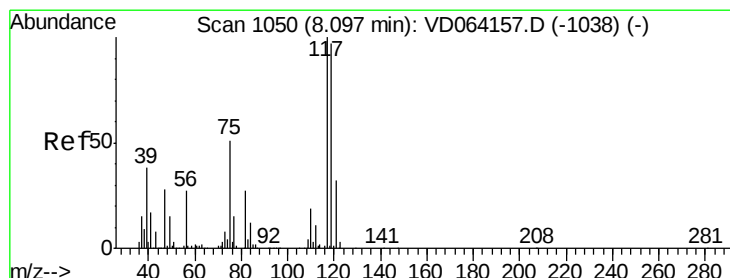


Abundance Ion 74.90 (74.60 to 75.60): VD064344.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD064344.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD064344.D (-1002) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.294 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064344.D

Acq: 22 Nov 2019 13:39

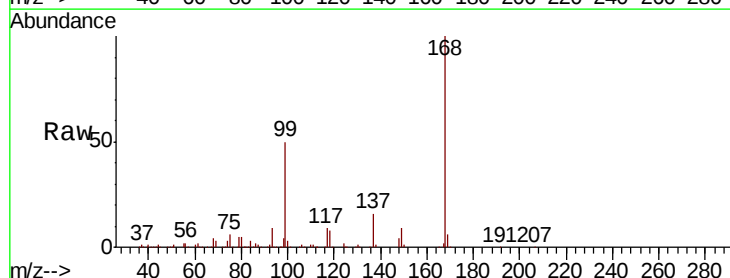
Tgt Ion: 117 Resp: 77675

Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 25.5 38.3#

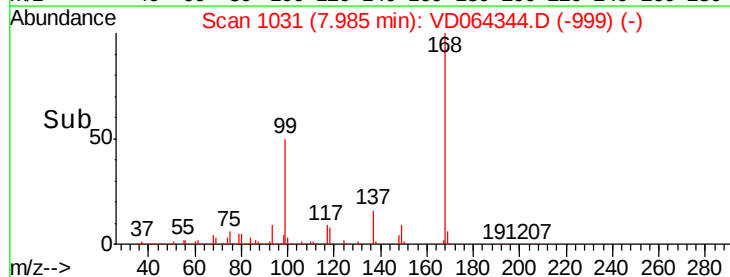


Abundance Ion 116.80 (116.50 to 117.50): VD064344.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064344.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064344.D (-999) (-)

Time-->

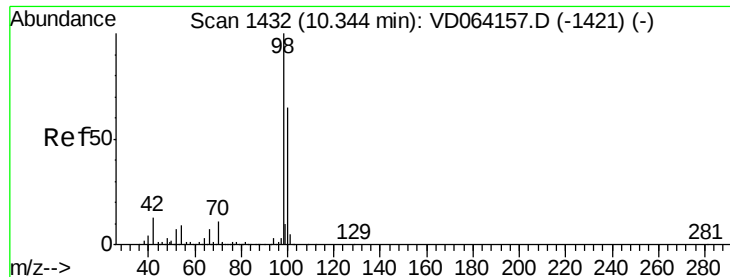


Abundance Ion 116.80 (116.50 to 117.50): VD064344.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064344.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064344.D (-999) (-)

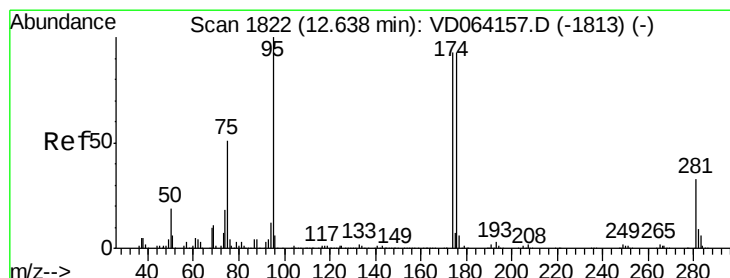
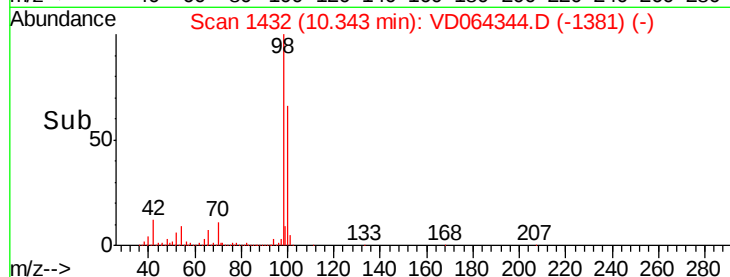
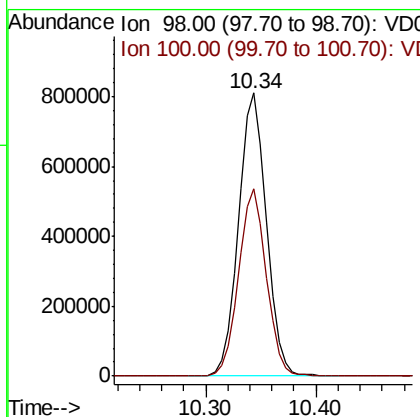
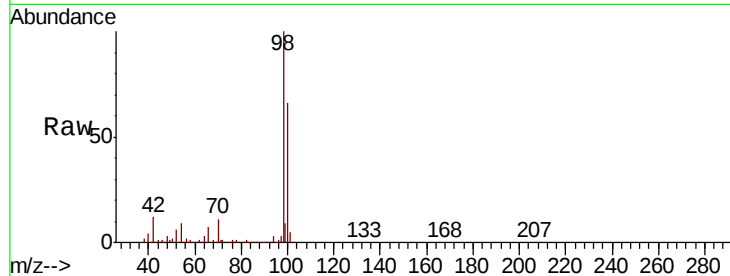
Time-->



#50
Toluene-d8
Concen: 53.227 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

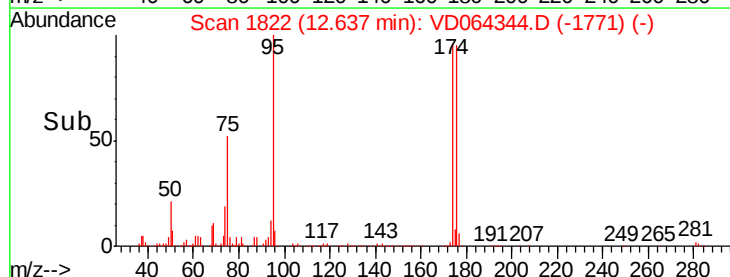
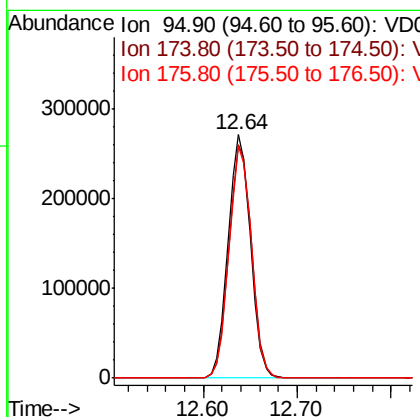
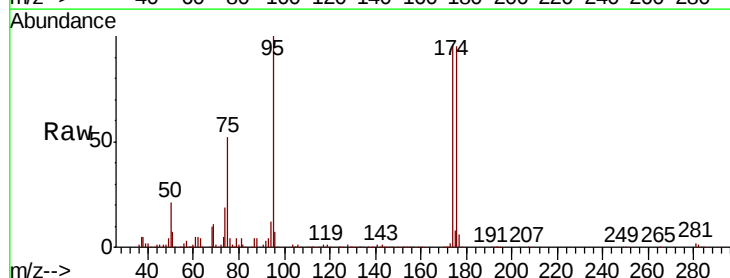
Instrument :
MSVOA_D
ClientSampled :

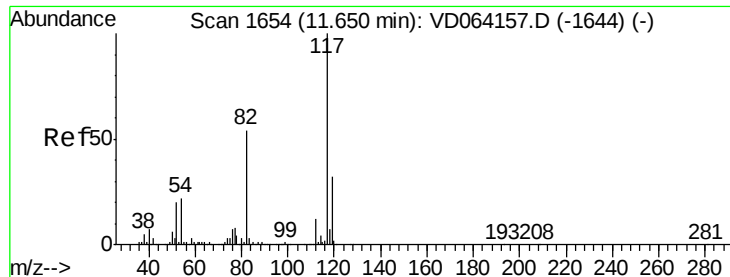
Tot Ion: 98 Resp: 1440489
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.685 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Tgt Ion: 95 Resp: 446907
Ion Ratio Lower Upper
95 100
174 97.4 0.0 183.6
176 95.2 0.0 180.2

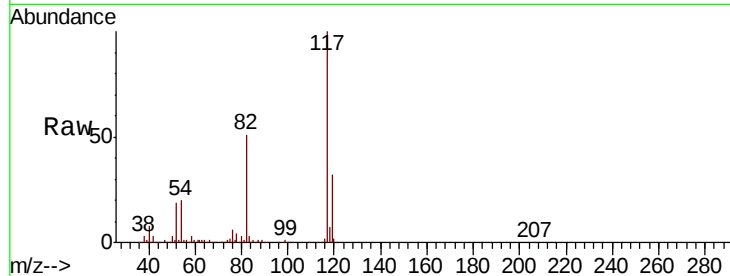




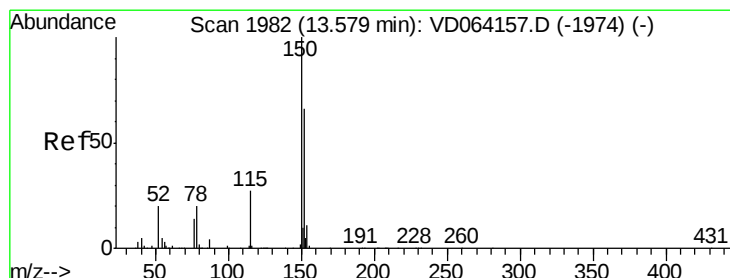
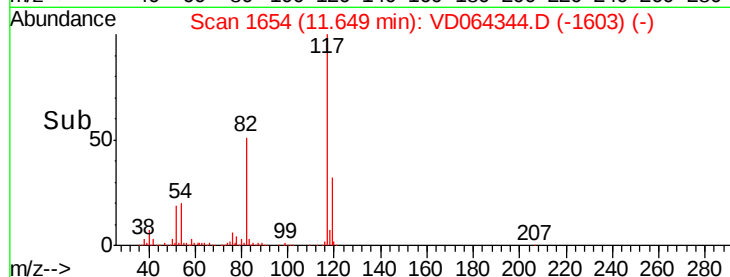
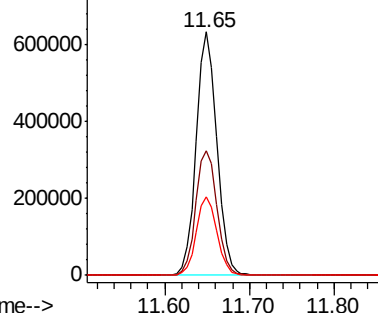
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1068582
Ion Ratio Lower Upper
117 100
82 51.2 42.8 64.2
119 32.0 25.6 38.4

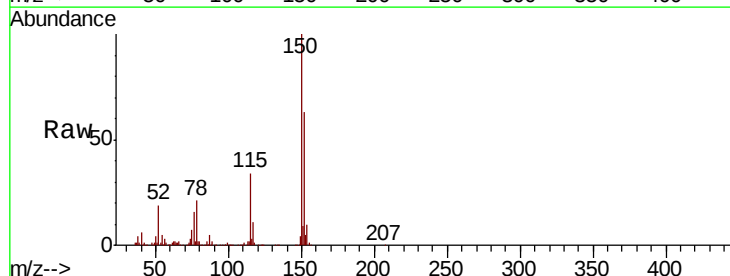


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

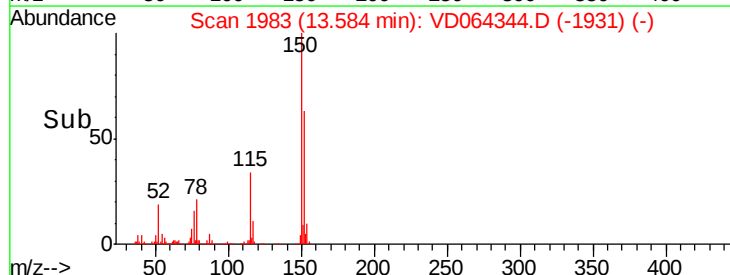
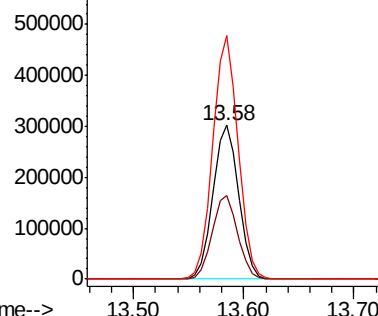


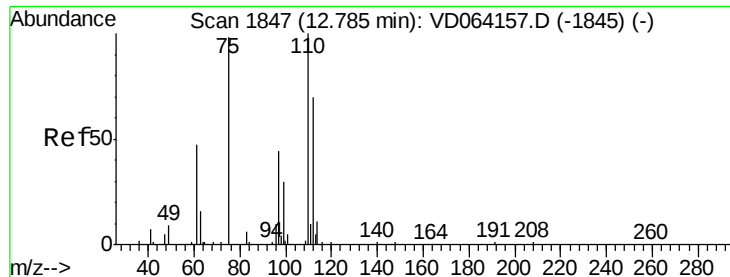
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064344.D
Acq: 22 Nov 2019 13:39

Tgt Ion:152 Resp: 493950
Ion Ratio Lower Upper
152 100
115 53.7 27.4 82.2
150 155.9 0.0 351.6



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

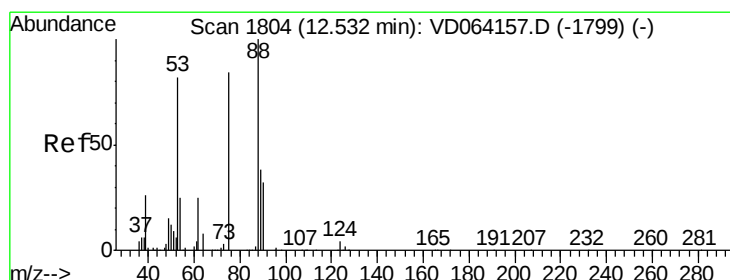
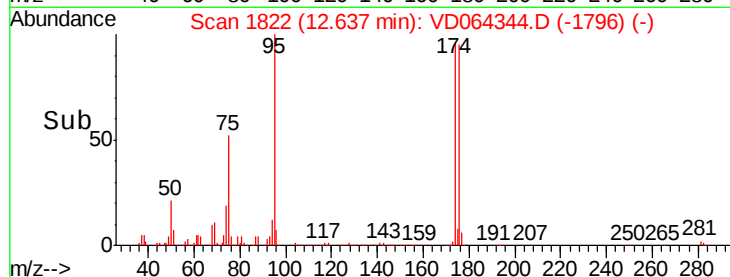
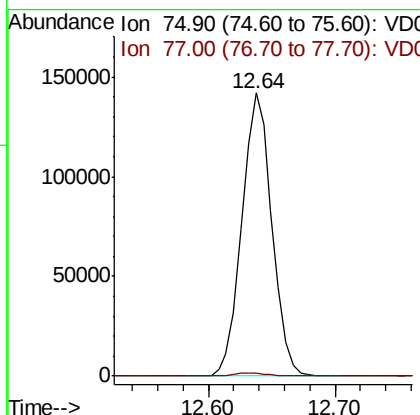
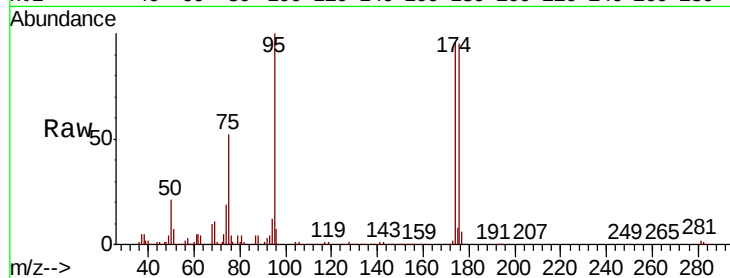




#76
 1,2,3-Trichloropropane
 Concen: 58.330 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064344.D
 Acq: 22 Nov 2019 13:39

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 232074
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.867 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064344.D
 Acq: 22 Nov 2019 13:39

Tgt Ion: 75 Resp: 232074
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.4 119.0#
 89 0.0 36.6 55.0#

