

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064357.D
 Acq On : 25 Nov 2019 13:37
 Operator : VA/SY
 Sample : K5663-01
 Misc : 3.87G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 26 05:35:30 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

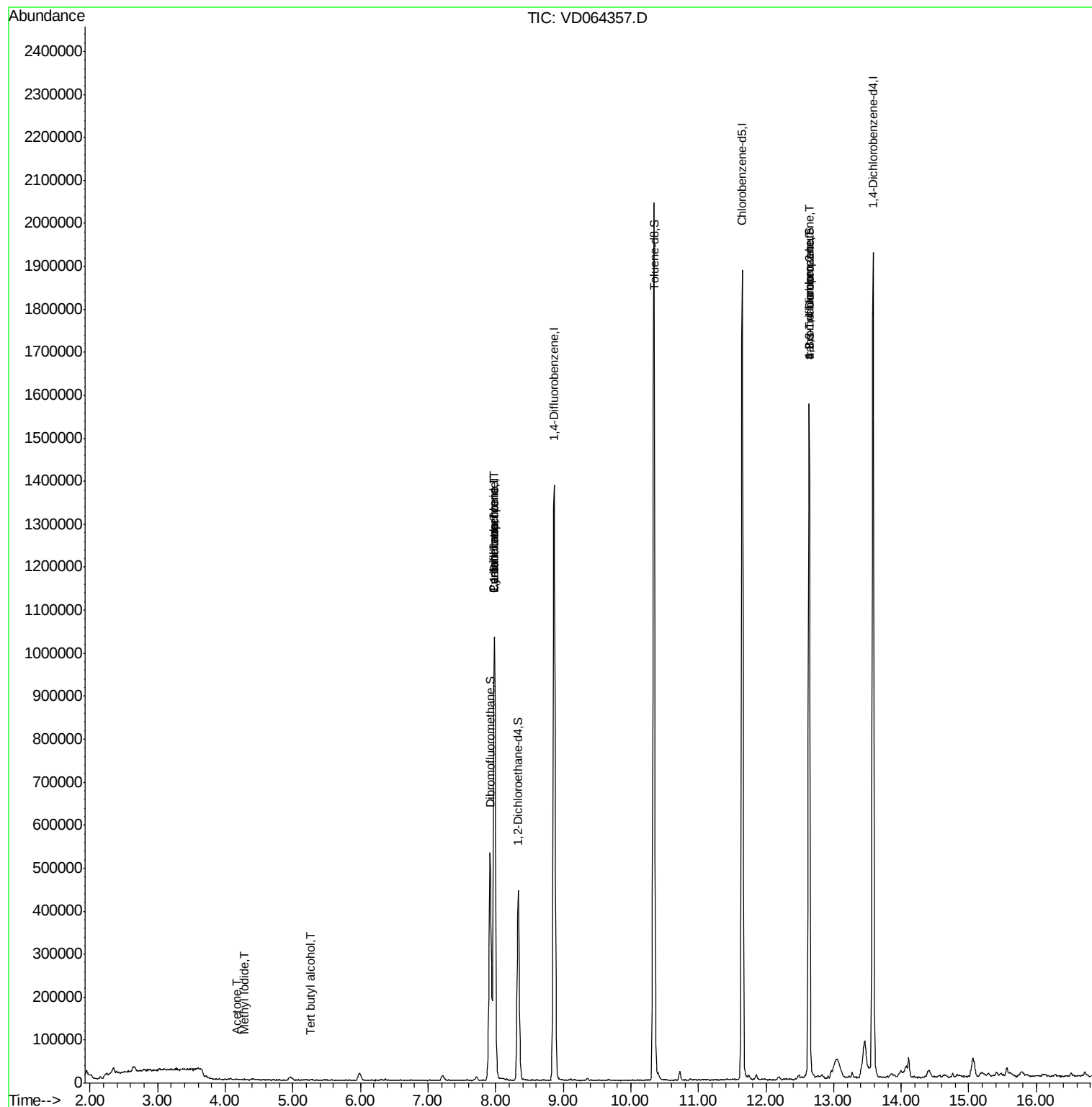
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	840095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1219308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1079653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	515292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	355143	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	7.92	113	367899	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	10.34	98	1423894	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.64	95	461434	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.28	142	1241	2.172	ug/l #	48
11) Tert butyl alcohol	5.26	59	1098	2.275	ug/l #	87
16) Acetone	4.17	43	2534	1.548	ug/l #	79
31) Cyclohexane	7.98	56	17343	1.279	ug/l #	22
36) 1,1-Dichloropropene	7.98	75	55778	4.957	ug/l #	49
38) Carbon Tetrachloride	7.98	117	76344	6.340	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	237375	57.192	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	237375	113.605	ug/l #	10

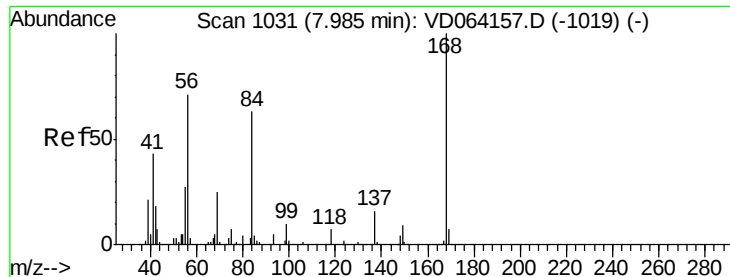
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112519\
Data File : VD064357.D
Acq On : 25 Nov 2019 13:37
Operator : VA/SY
Sample : K5663-01
Misc : 3.87G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 26 05:35:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
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: VD064357.D

Acq: 25 Nov 2019 13:37

Instrument :

MSVOA_D

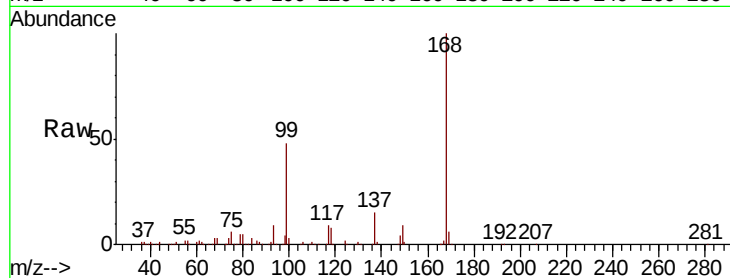
ClientSampled :

Tot Ion:168 Resp: 840095

Ion Ratio Lower Upper

168 100

99 48.0 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

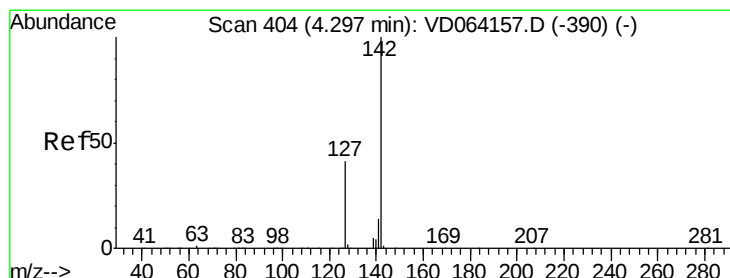
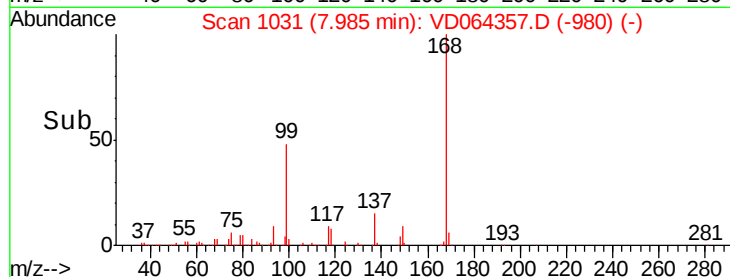
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 2.172 ug/l

RT: 4.28 min Scan# 401

Delta R.T. -0.02 min

Lab File: VD064357.D

Acq: 25 Nov 2019 13:37

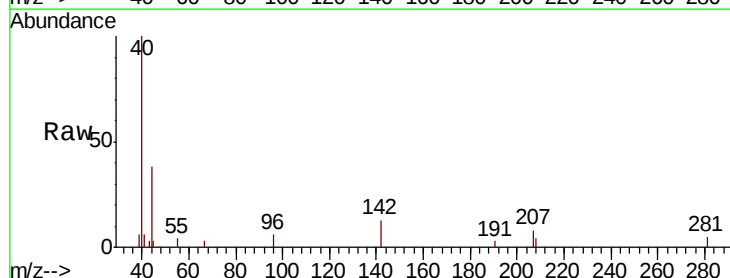
Tgt Ion:142 Resp: 1241

Ion Ratio Lower Upper

142 100

127 5.8 34.4 51.6#

141 0.0 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

4.28

800

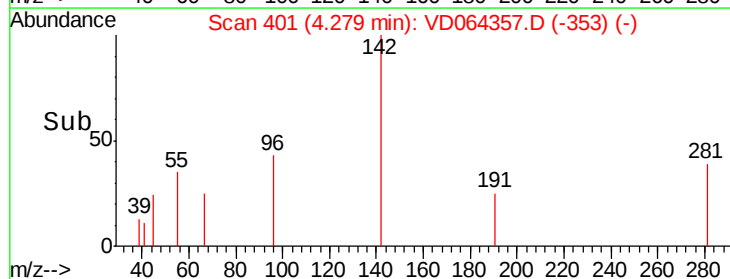
600

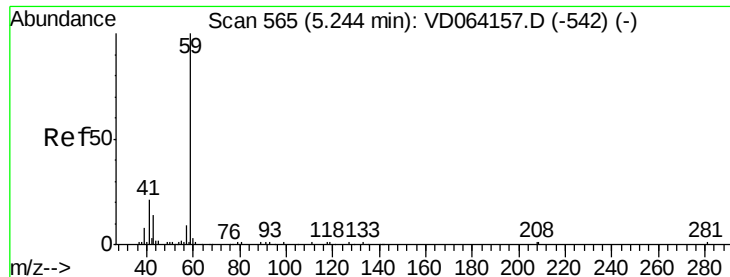
400

200

0

Time-->

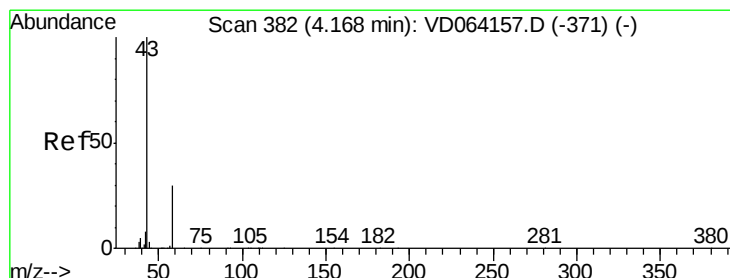
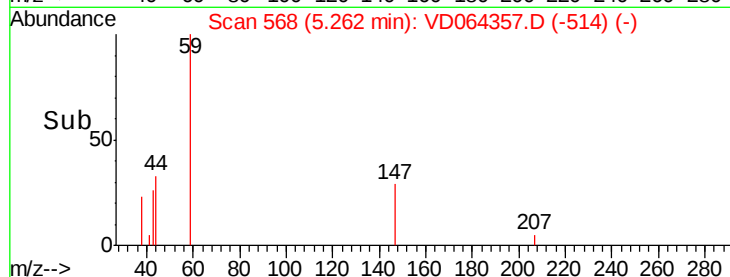
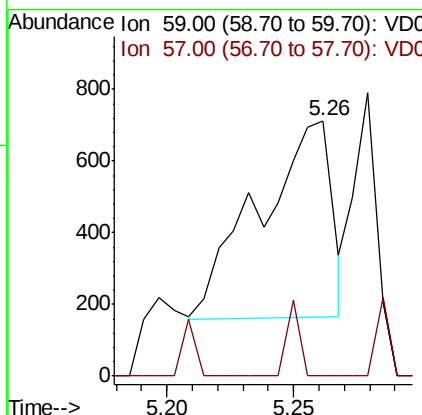
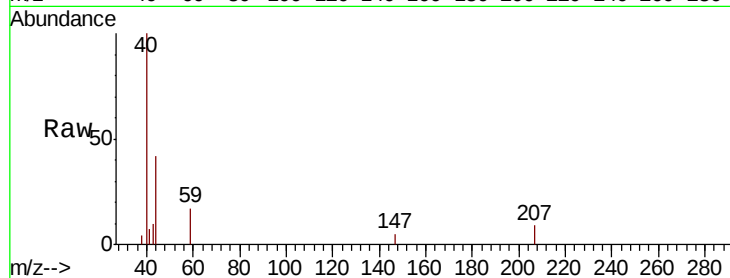




#11
Tert butyl alcohol
Concen: 2.275 ug/l
RT: 5.26 min Scan# 568
Delta R.T. 0.02 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

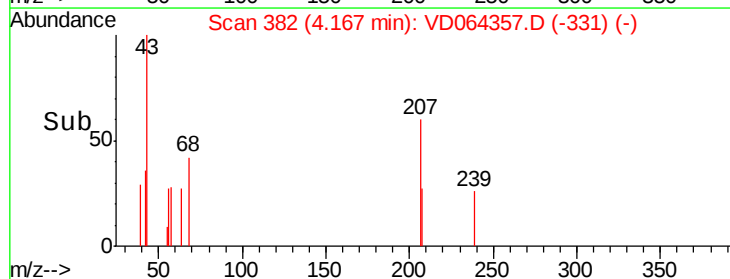
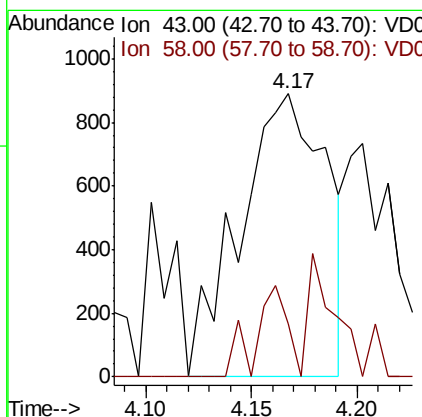
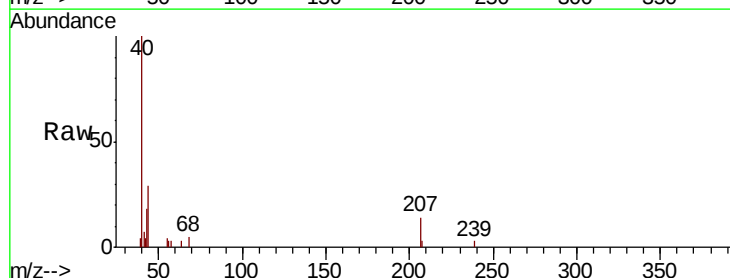
Instrument :
MSVOA_D
ClientSampleId :

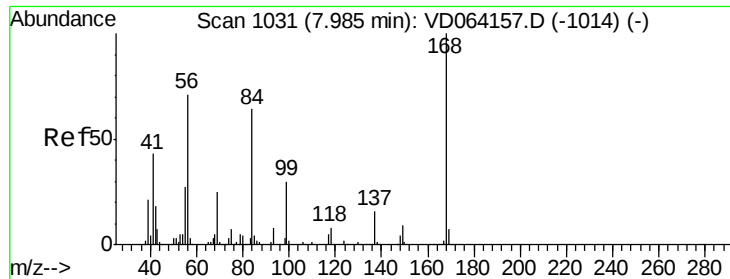
Tot Ion: 59 Resp: 1098
Ion Ratio Lower Upper
59 100
57 6.8 9.4 14.2#



#16
Acetone
Concen: 1.548 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Tgt Ion: 43 Resp: 2534
Ion Ratio Lower Upper
43 100
58 18.9 24.1 36.1#

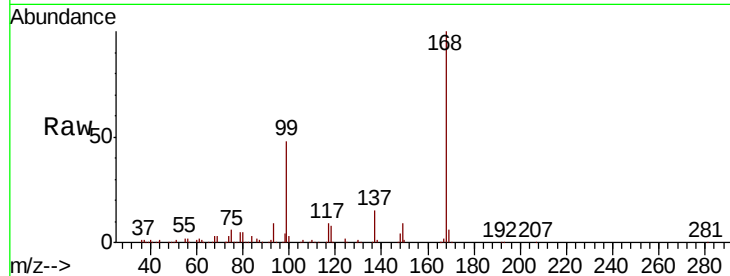




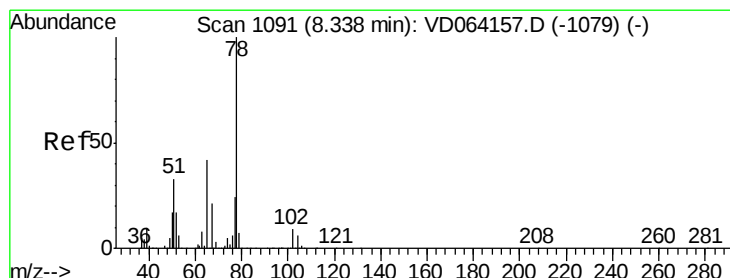
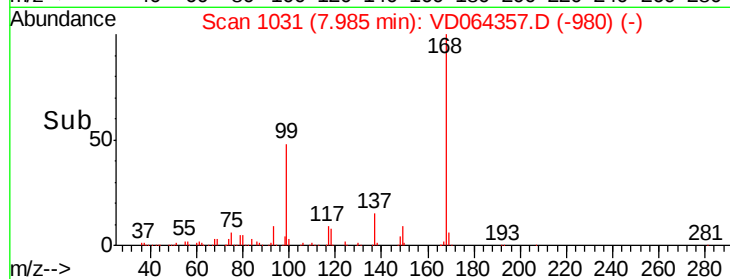
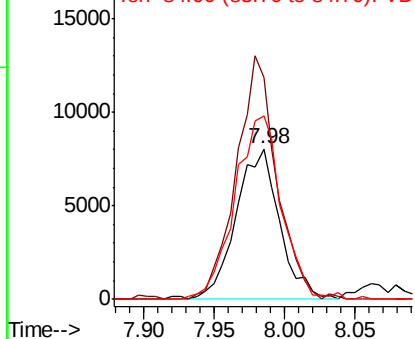
#31
Cyclohexane
Concen: 1.279 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 17343
Ion Ratio Lower Upper
56 100
69 147.8 28.2 42.4#
84 119.8 71.8 107.6#

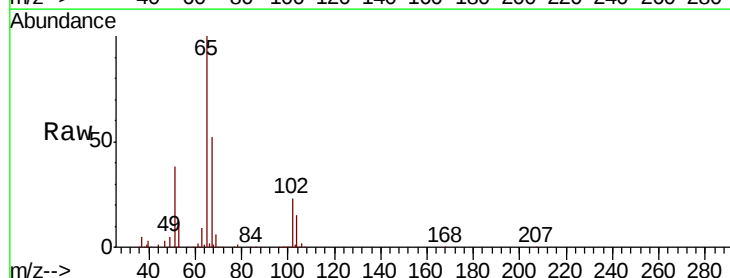


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

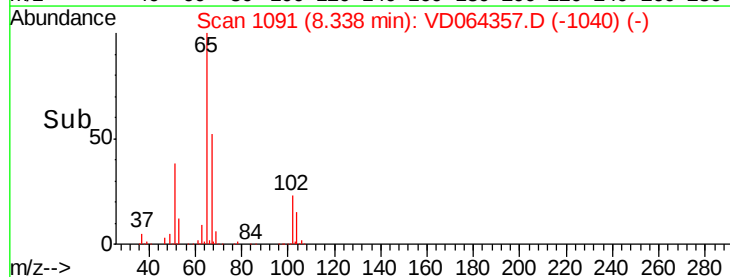
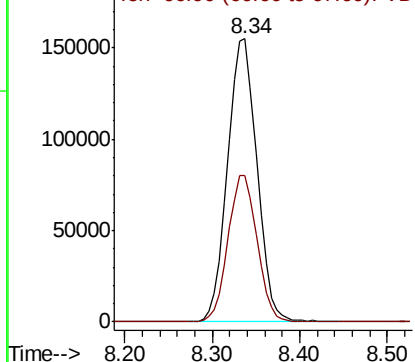


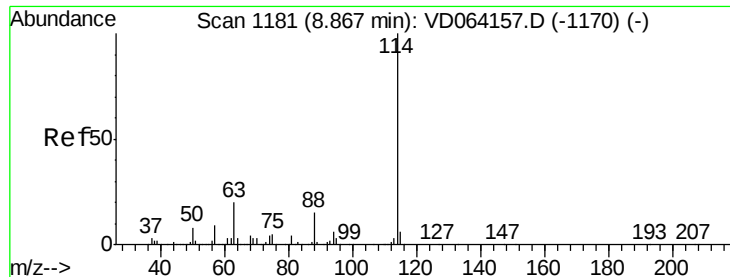
#33
1,2-Dichloroethane-d4
Concen: 51.401 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Tgt Ion: 65 Resp: 355143
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4



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

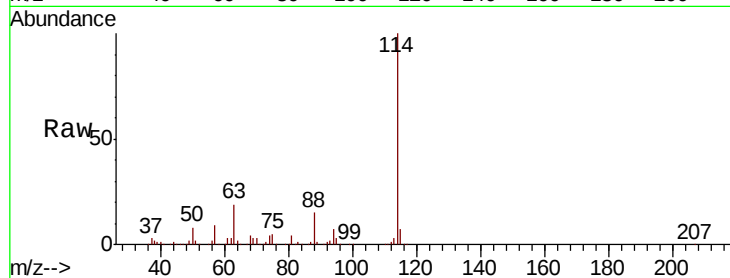




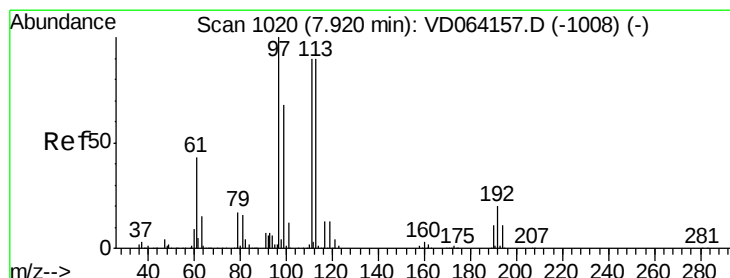
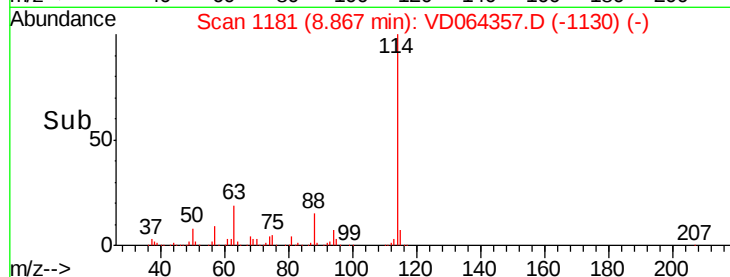
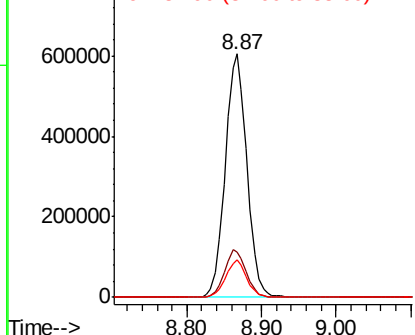
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064357.D
 Acq: 25 Nov 2019 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 1219308
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 15.4 0.0 30.2

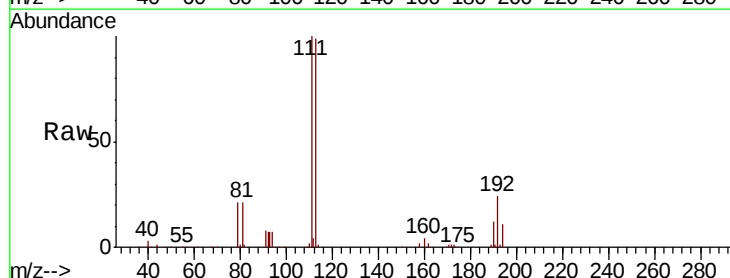


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

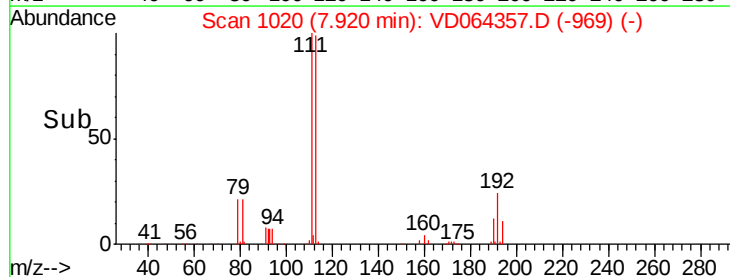
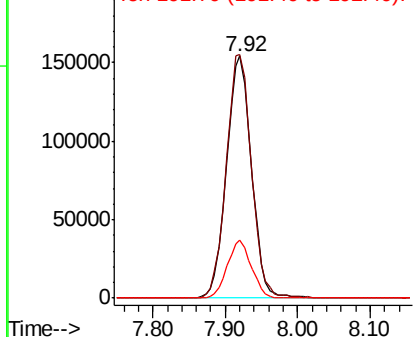


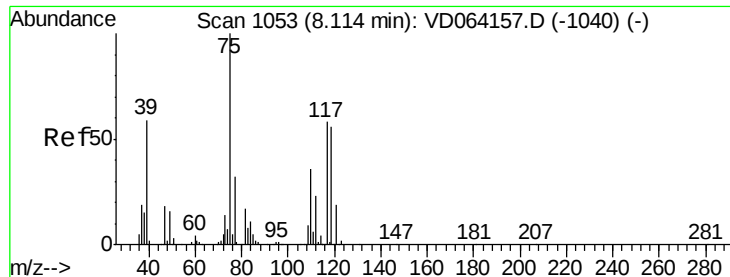
#35
 Dibromofluoromethane
 Concen: 52.564 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064357.D
 Acq: 25 Nov 2019 13:37

Tgt Ion:113 Resp: 367899
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 23.2 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.957 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064357.D

Acq: 25 Nov 2019 13:37

Instrument :

MSVOA_D

ClientSampleId :

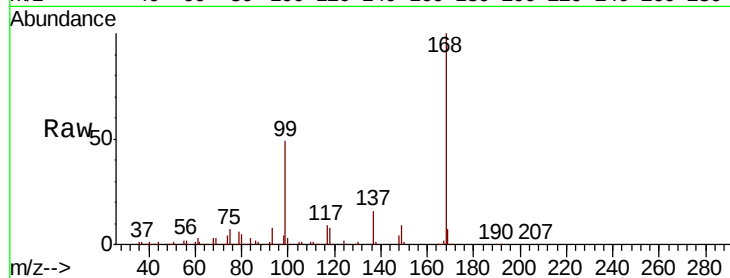
Tot Ion: 75 Resp: 55778

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.9#

77 0.1 25.0 37.6#

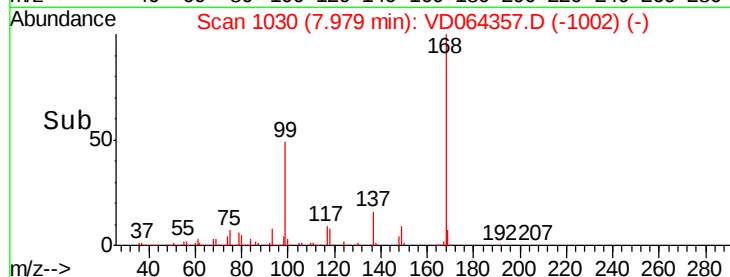


Abundance Ion 74.90 (74.60 to 75.60): VD064357.D (-1040) (-)

Ion 109.90 (109.60 to 110.60): VD064357.D (-1040) (-)

Ion 76.90 (76.60 to 77.60): VD064357.D (-1040) (-)

Time--> 7.85 7.90 7.95 8.00 8.05

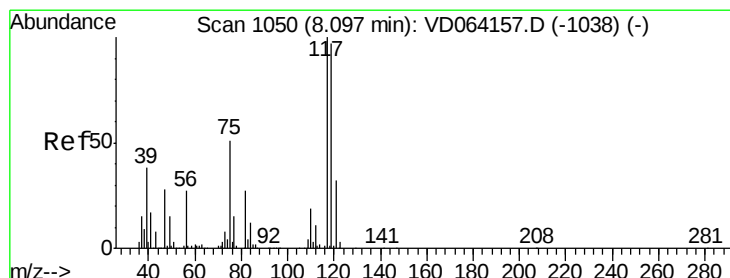


Abundance Ion 74.90 (74.60 to 75.60): VD064357.D (-1002) (-)

Ion 109.90 (109.60 to 110.60): VD064357.D (-1002) (-)

Ion 76.90 (76.60 to 77.60): VD064357.D (-1002) (-)

Time--> 7.85 7.90 7.95 8.00 8.05



#38

Carbon Tetrachloride

Concen: 6.340 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064357.D

Acq: 25 Nov 2019 13:37

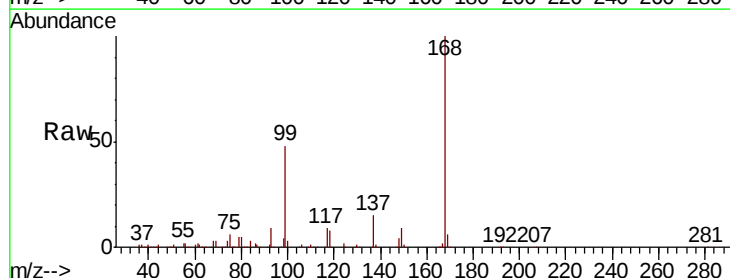
Tgt Ion: 117 Resp: 76344

Ion Ratio Lower Upper

117 100

119 4.8 77.2 115.8#

121 0.0 25.5 38.3#

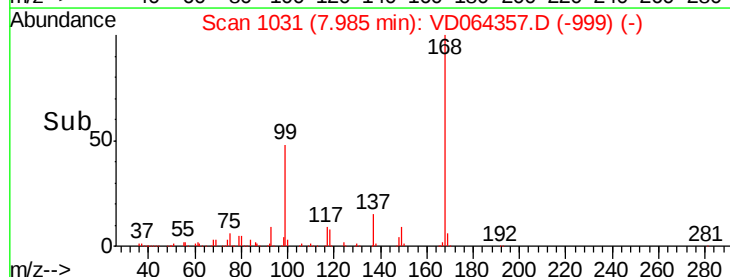


Abundance Ion 116.80 (116.50 to 117.50): VD064357.D (-1038) (-)

Ion 118.80 (118.50 to 119.50): VD064357.D (-1038) (-)

Ion 120.80 (120.50 to 121.50): VD064357.D (-1038) (-)

Time--> 7.90 7.95 8.00 8.05

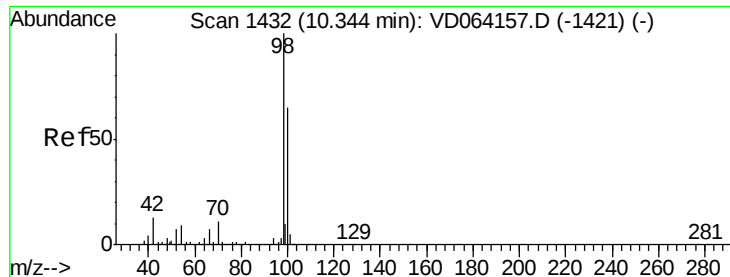


Abundance Ion 116.80 (116.50 to 117.50): VD064357.D (-999) (-)

Ion 118.80 (118.50 to 119.50): VD064357.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064357.D (-999) (-)

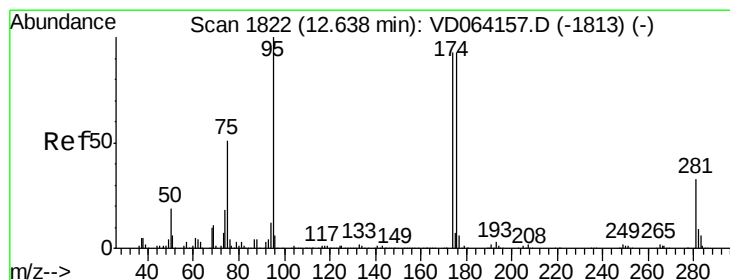
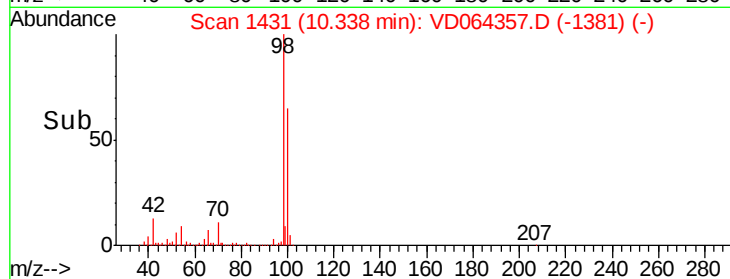
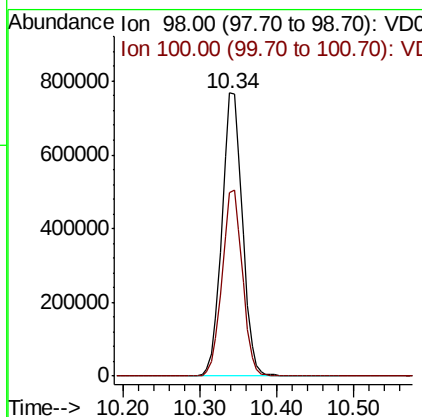
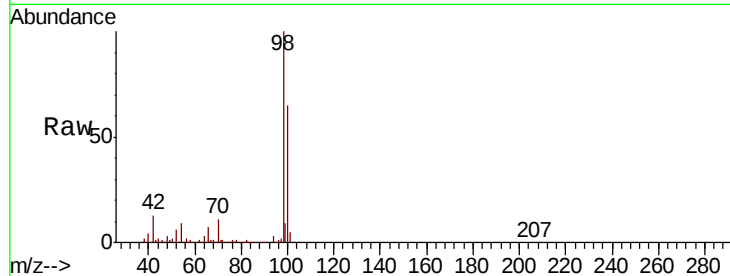
Time--> 7.90 7.95 8.00 8.05



#50
Toluene-d8
Concen: 53.929 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

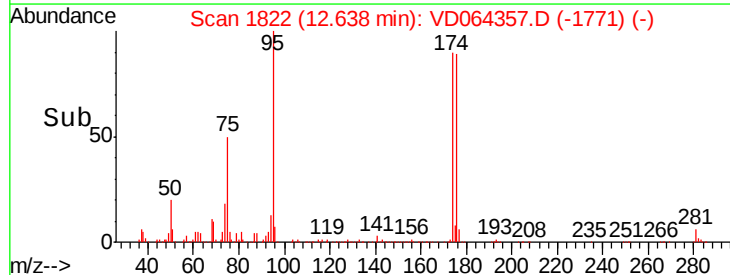
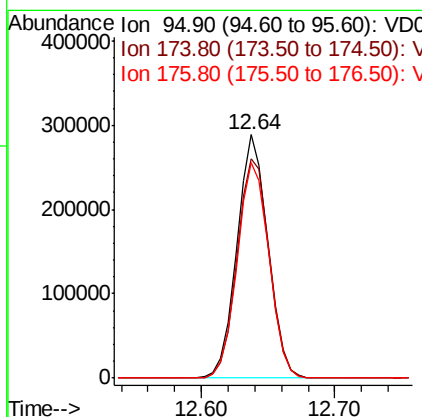
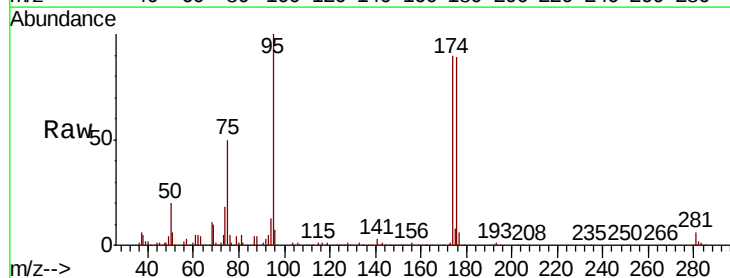
Instrument :
MSVOA_D
ClientSampleId :

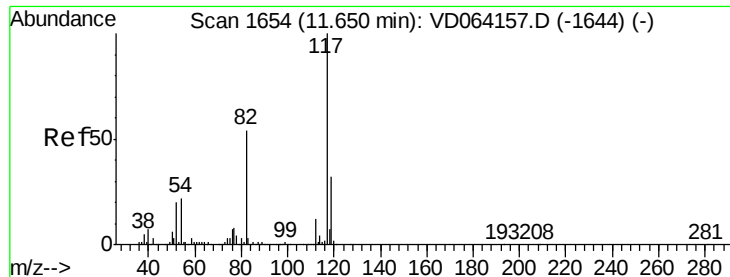
Tot Ion: 98 Resp: 1423894
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.465 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Tgt Ion: 95 Resp: 461434
Ion Ratio Lower Upper
95 100
174 94.1 0.0 183.6
176 91.1 0.0 180.2

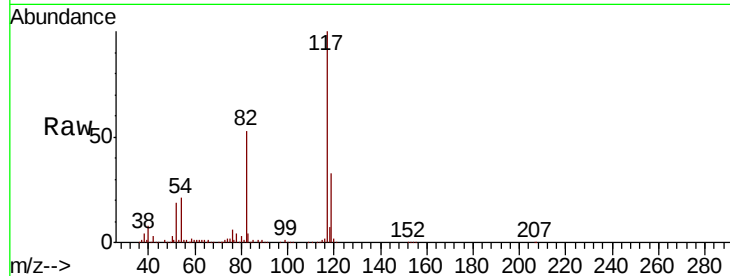




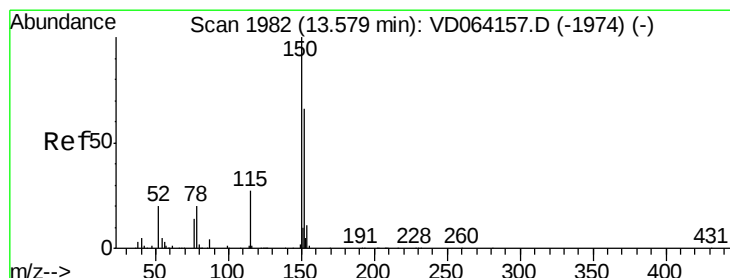
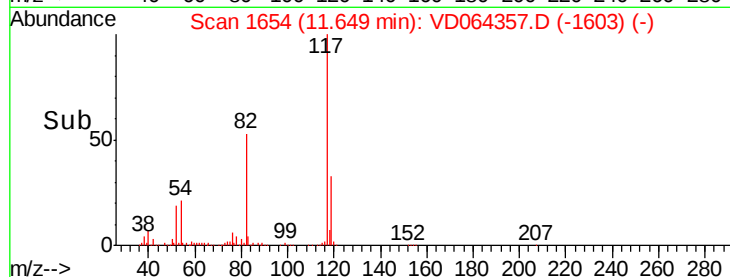
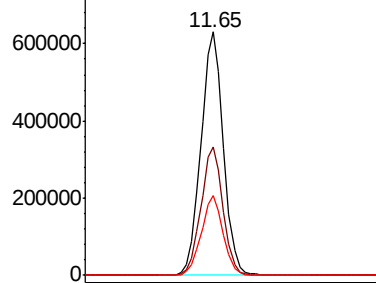
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1079653
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 32.7 25.6 38.4

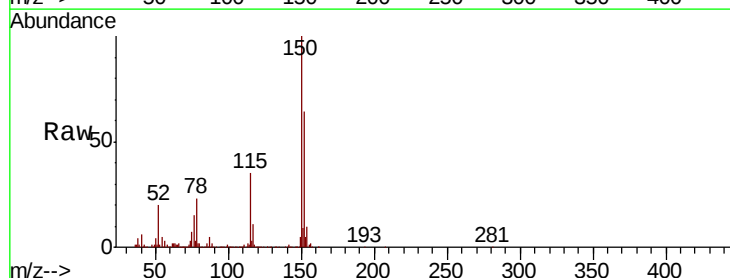


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

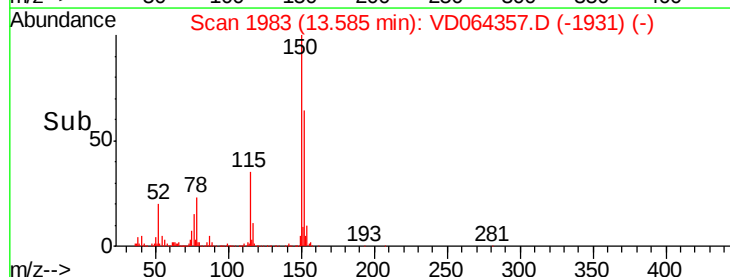
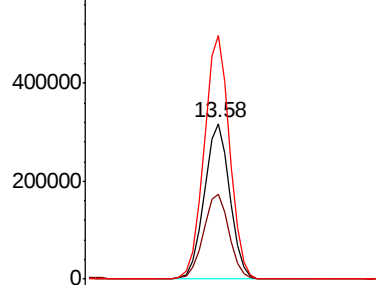


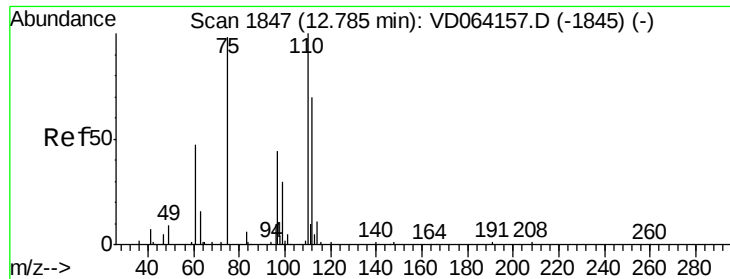
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064357.D
Acq: 25 Nov 2019 13:37

Tgt Ion:152 Resp: 515292
Ion Ratio Lower Upper
152 100
115 55.5 27.4 82.2
150 155.8 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: 57.192 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064357.D

Acq: 25 Nov 2019 13:37

Instrument :

MSVOA_D

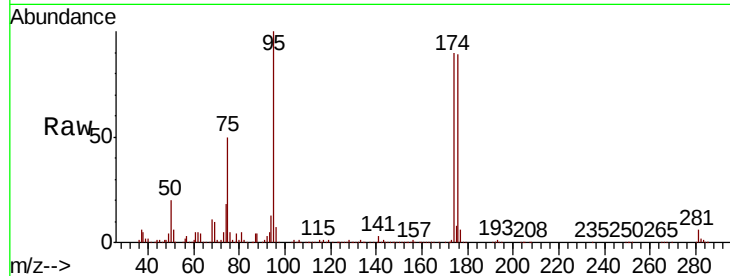
ClientSampleId :

Tot Ion: 75 Resp: 237375

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.64

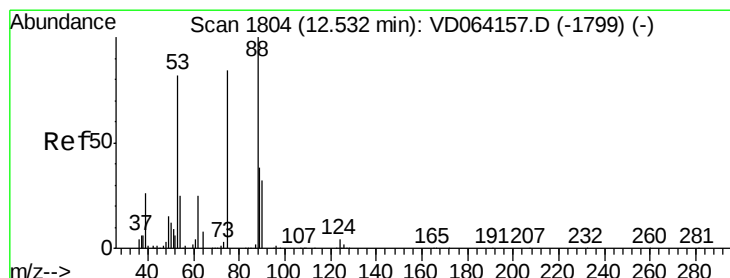
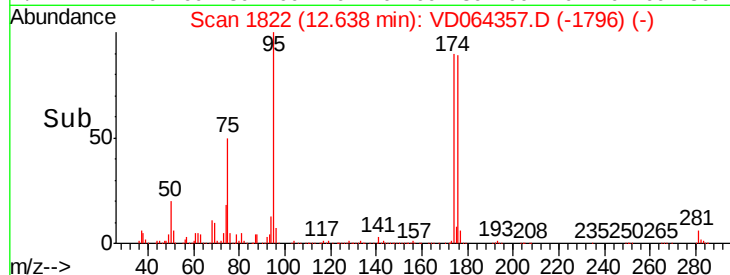
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 113.605 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064357.D

Acq: 25 Nov 2019 13:37

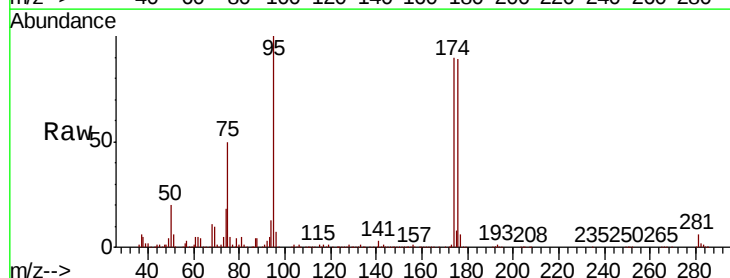
Tgt Ion: 75 Resp: 237375

Ion Ratio Lower Upper

75 100

53 0.1 79.4 119.0#

89 0.1 36.6 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

200000

150000

100000

50000

0

Time-->

