

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010320\
 Data File : VD064757.D
 Acq On : 04 Jan 2020 03:31
 Operator : VA/SY
 Sample : K6463-04
 Misc : 6.21G/5.00ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 06:52:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

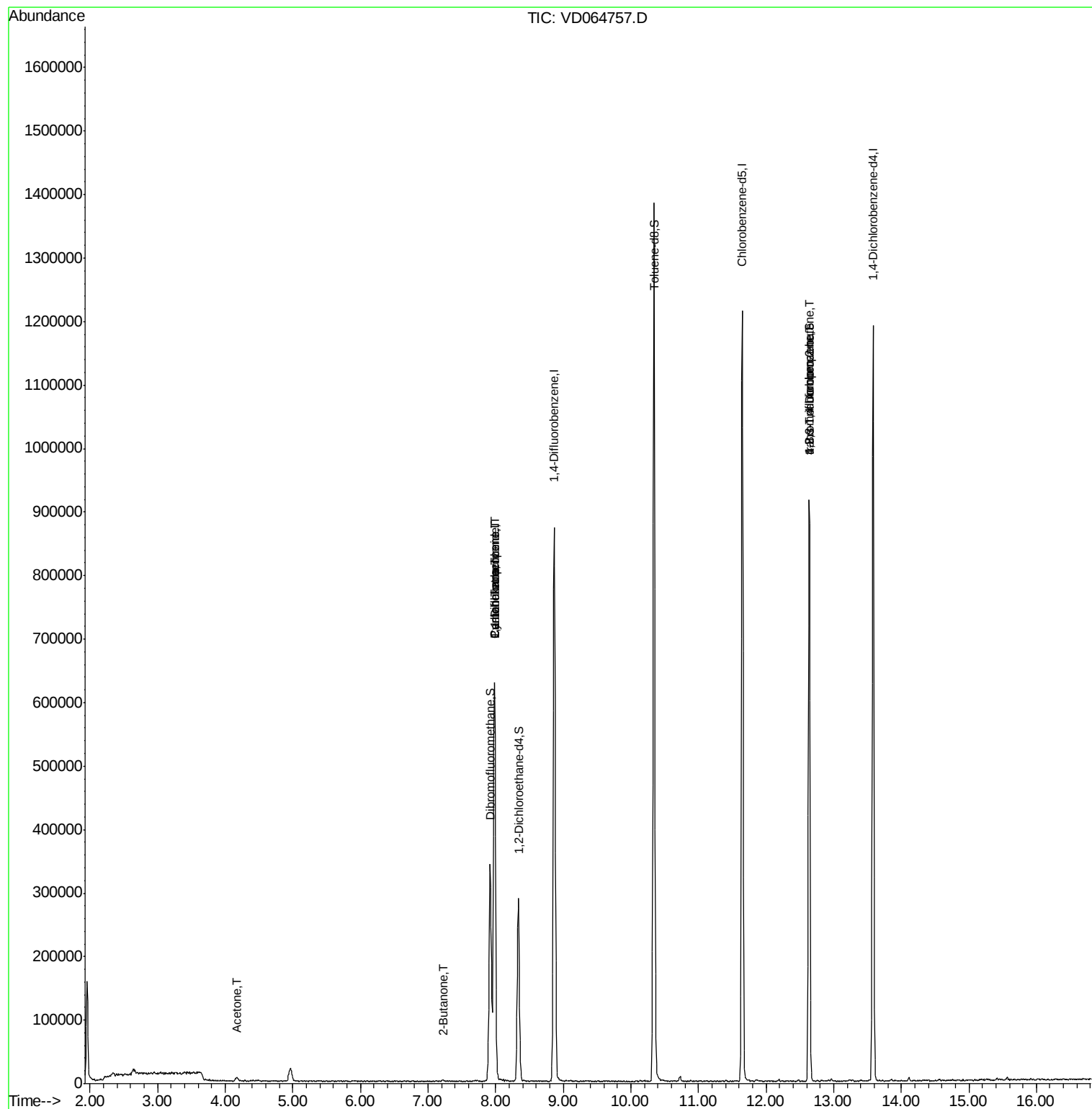
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	489734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	749146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	674533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	227686	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	7.92	113	233367	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.34	98	913196	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.64	95	270494	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
16) Acetone	4.17	43	9962	13.847	ug/l	90
20) Methylene Chloride	4.97	84	15374	Below Cal		87
25) 2-Butanone	7.23	43	1315	1.108	ug/l #	49
31) Cyclohexane	7.98	56	10785	1.339	ug/l #	3
36) 1,1-Dichloropropene	7.98	75	36578	5.073	ug/l #	48
38) Carbon Tetrachloride	7.98	117	47940	6.235	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	147345	59.829	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	147345	125.131	ug/l #	10

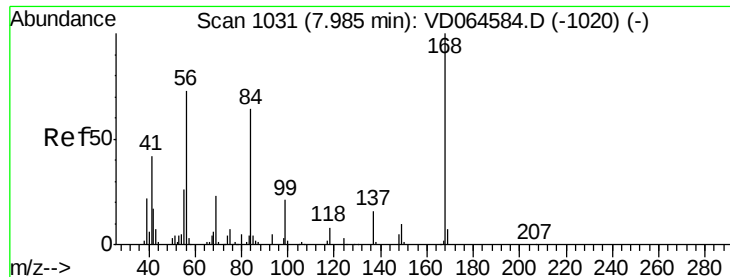
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD010320\
Data File : VD064757.D
Acq On : 04 Jan 2020 03:31
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Misc : 6.21G/5.00ml/MSVOA D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 06 06:52:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 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: VD064757.D

Acq: 04 Jan 2020 03:31

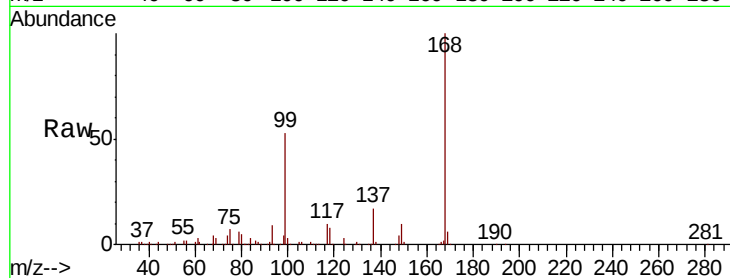
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 489734

Ion Ratio Lower Upper

168 100

99 53.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

250000

200000

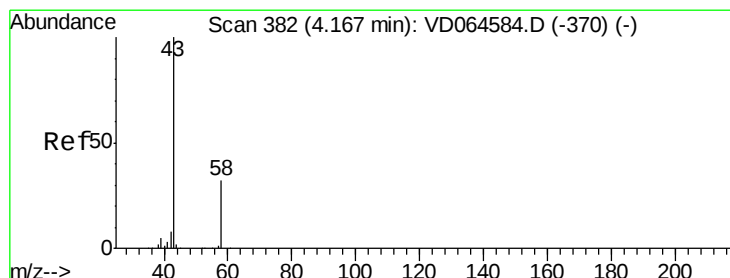
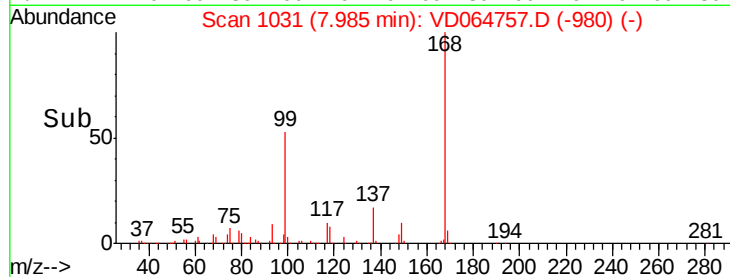
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.847 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064757.D

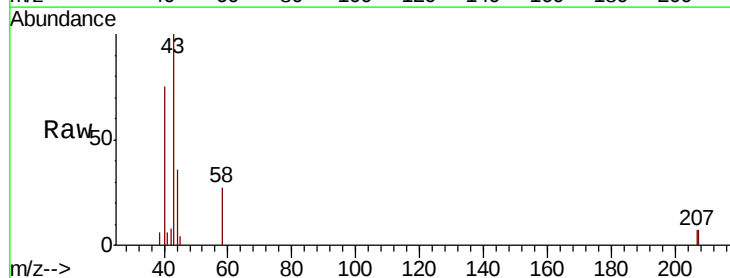
Acq: 04 Jan 2020 03:31

Tgt Ion: 43 Resp: 9962

Ion Ratio Lower Upper

43 100

58 26.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V

4.17

4000

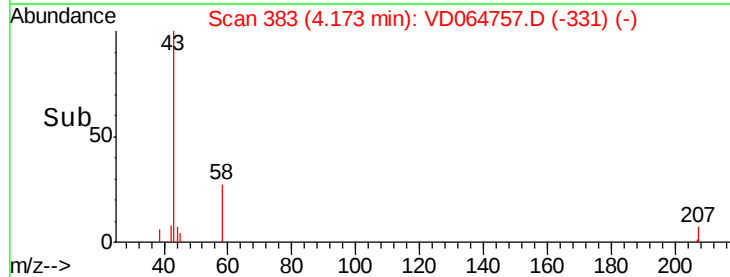
3000

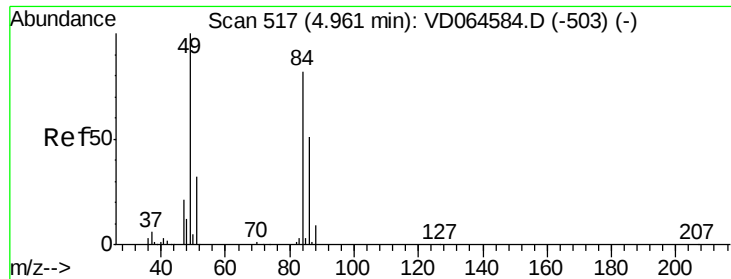
2000

1000

0

Time-->

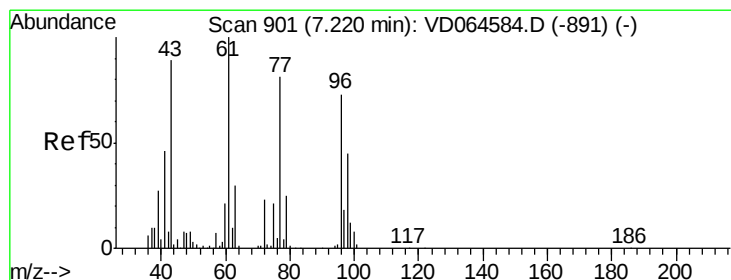
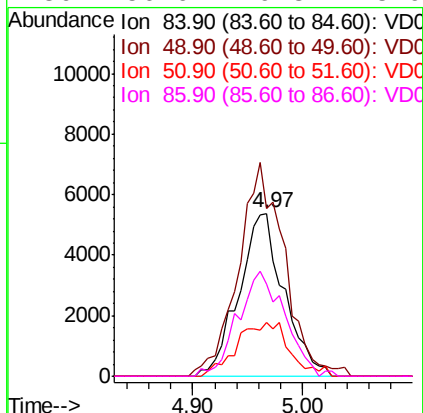
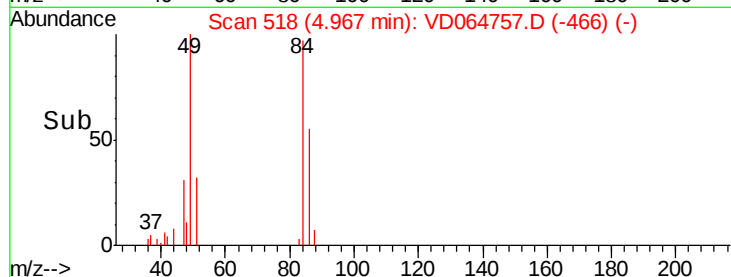
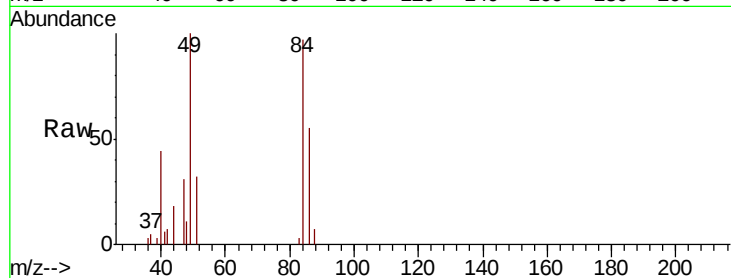




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064757.D
Acq: 04 Jan 2020 03:31

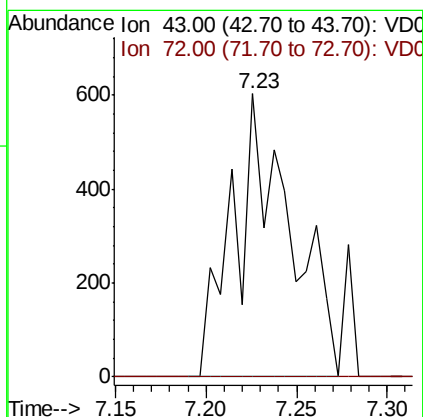
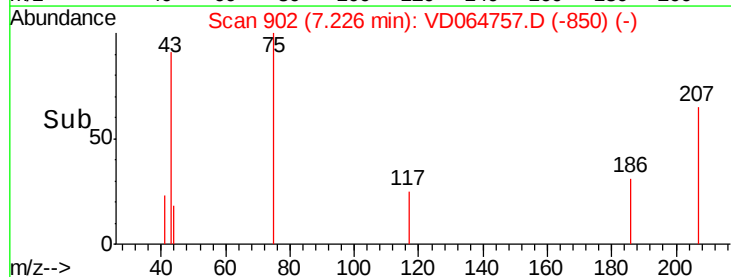
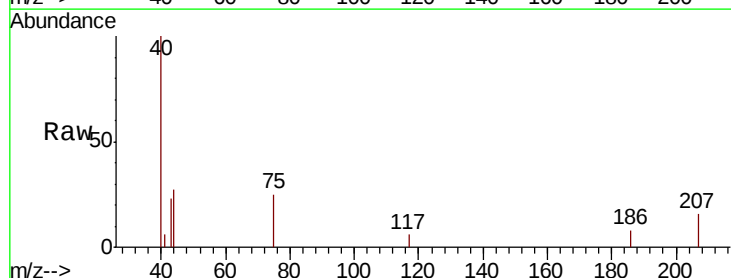
Instrument :
MSVOA_D
ClientSampleId :

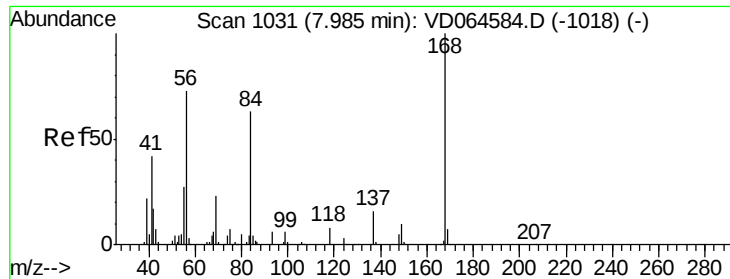
Tot Ion: 84 Resp: 15374
Ion Ratio Lower Upper
84 100
49 102.8 97.2 145.8
51 33.2 31.4 47.0
86 56.6 49.3 73.9



#25
2-Butanone
Concen: 1.108 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064757.D
Acq: 04 Jan 2020 03:31

Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#

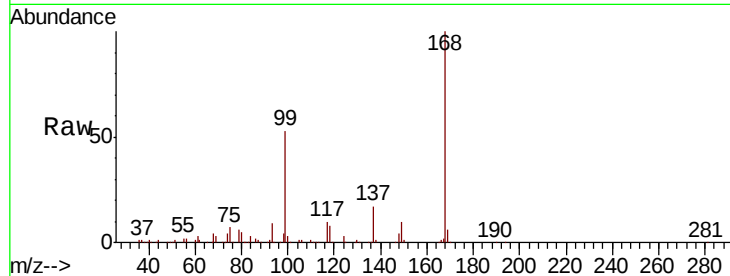




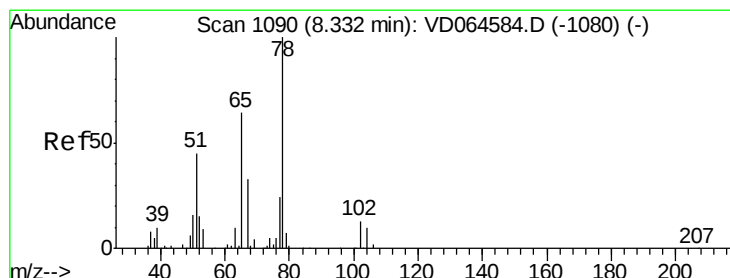
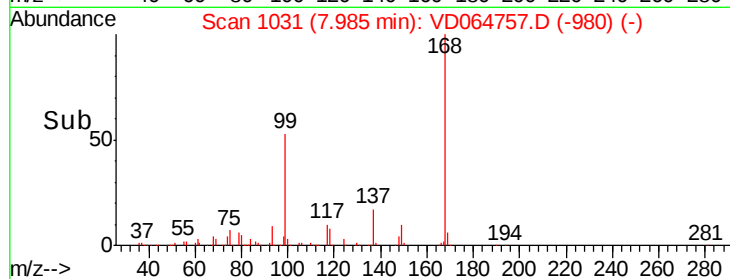
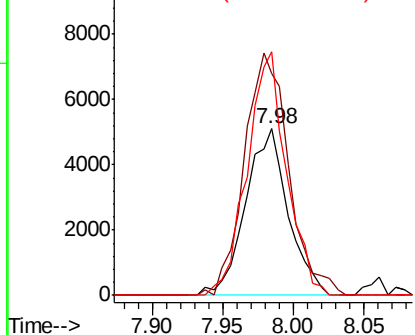
#31
Cyclohexane
Concen: 1.339 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD064757.D
Acq: 04 Jan 2020 03:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 56 Resp: 10785
Ion Ratio Lower Upper
56 100
69 133.5 24.7 37.1#
84 146.4 69.4 104.2#

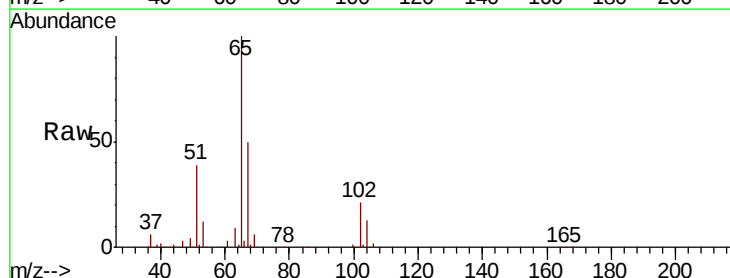


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

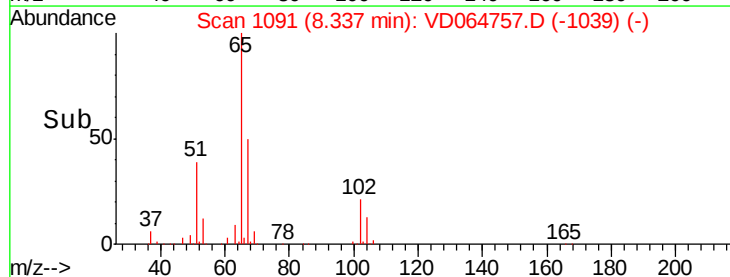
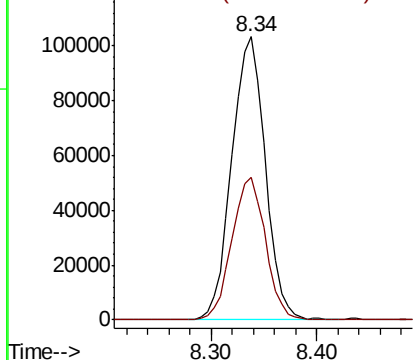


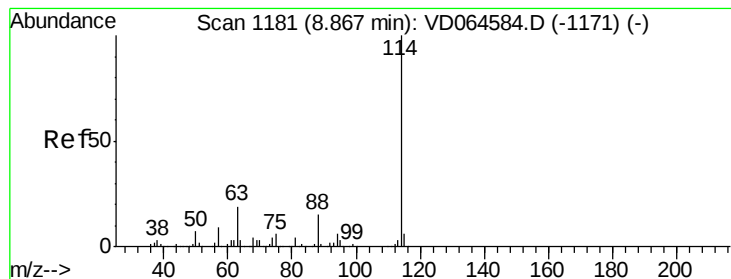
#33
1,2-Dichloroethane-d4
Concen: 52.724 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064757.D
Acq: 04 Jan 2020 03:31

Tgt Ion: 65 Resp: 227686
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2



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: VD064757.D

Acq: 04 Jan 2020 03:31

Instrument :

MSVOA_D

ClientSampleId :

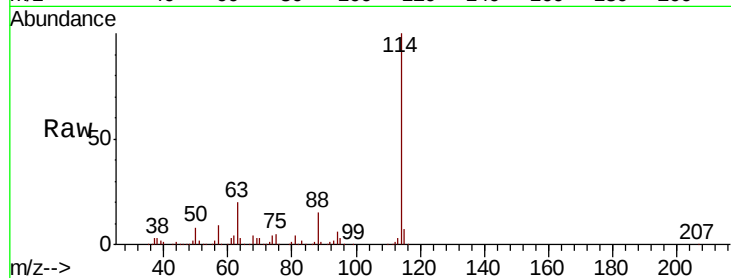
Tot Ion:114 Resp: 749146

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

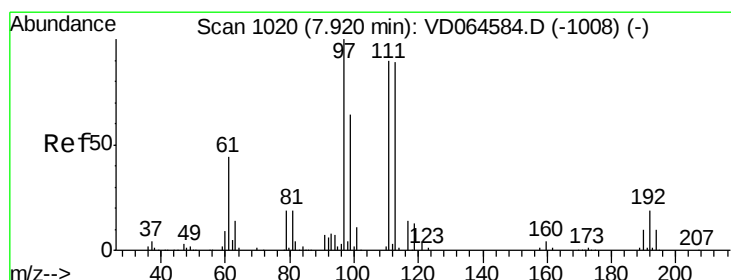
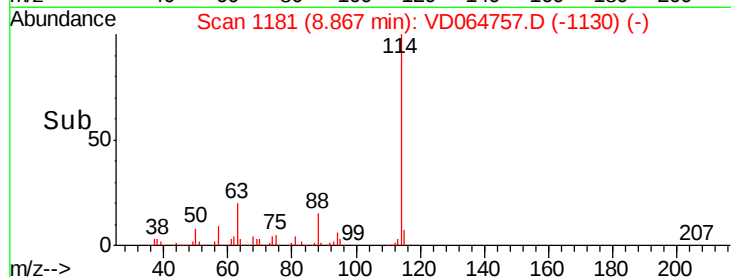
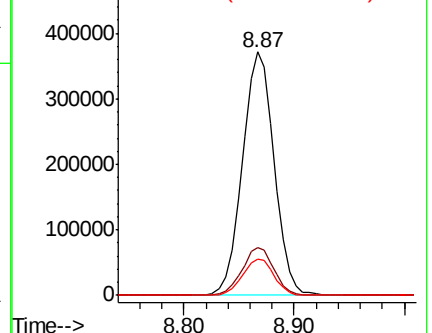
88 15.0 0.0 29.2



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: 50.775 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064757.D

Acq: 04 Jan 2020 03:31

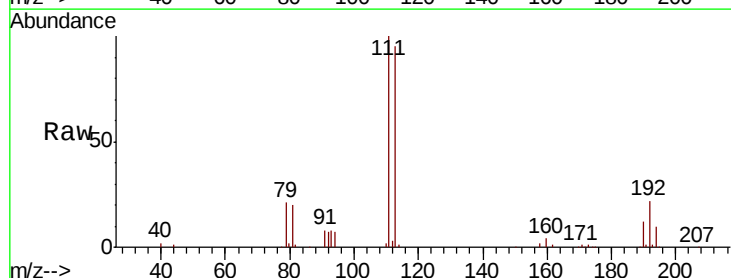
Tgt Ion:113 Resp: 233367

Ion Ratio Lower Upper

113 100

111 102.7 80.6 121.0

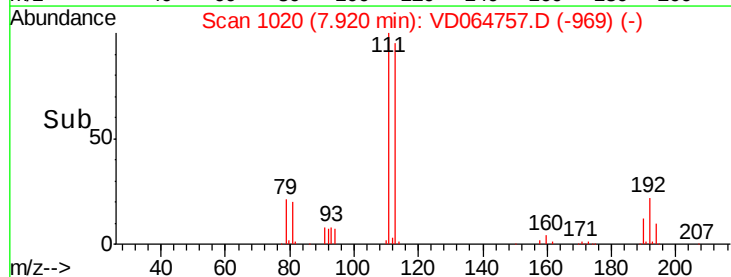
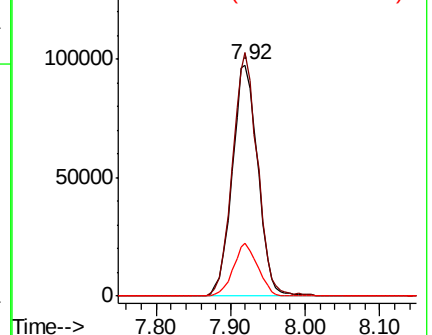
192 21.9 17.9 26.9

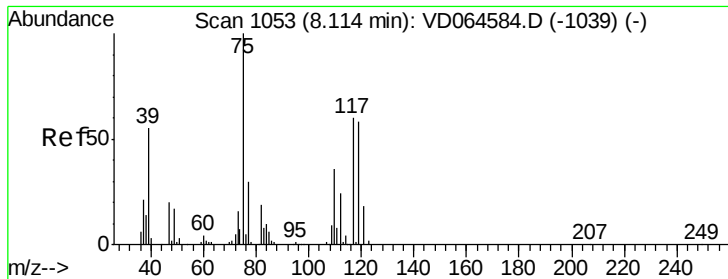


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.073 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064757.D

Acq: 04 Jan 2020 03:31

Instrument :

MSVOA_D

ClientSampleId :

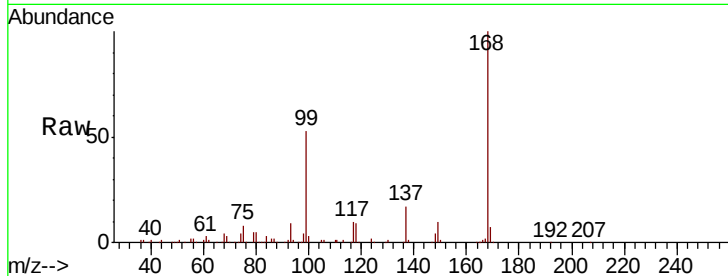
Tot Ion: 75 Resp: 36578

Ion Ratio Lower Upper

75 100

110 7.7 18.1 54.1#

77 0.0 24.2 36.4#

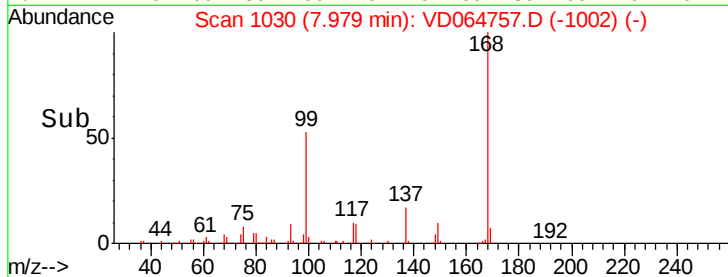


Abundance Ion 74.90 (74.60 to 75.60): VD064757.D (-999) (-)

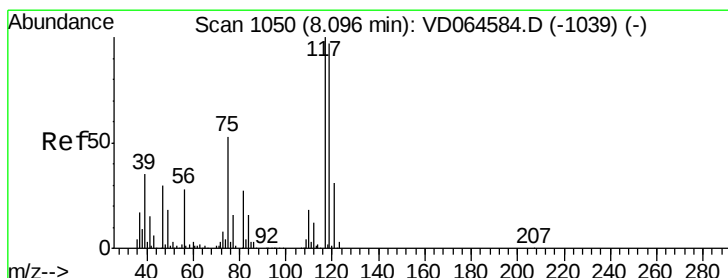
Ion 109.90 (109.60 to 110.60): VD064757.D (-999) (-)

Ion 76.90 (76.60 to 77.60): VD064757.D (-999) (-)

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 6.235 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064757.D

Acq: 04 Jan 2020 03:31

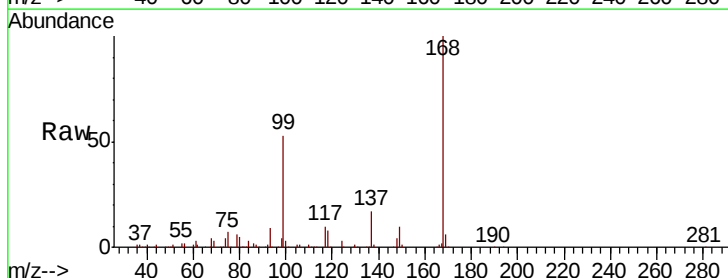
Tgt Ion: 117 Resp: 47940

Ion Ratio Lower Upper

117 100

119 4.2 77.3 115.9#

121 0.0 25.0 37.6#

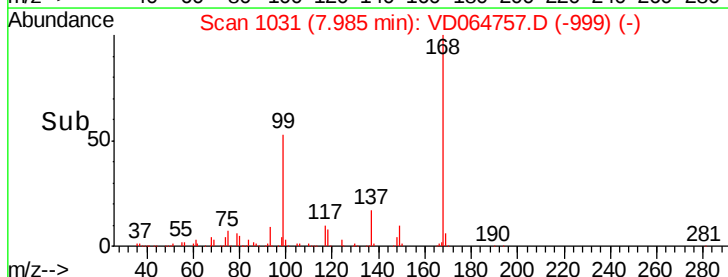


Abundance Ion 116.80 (116.50 to 117.50): VD064757.D (-999) (-)

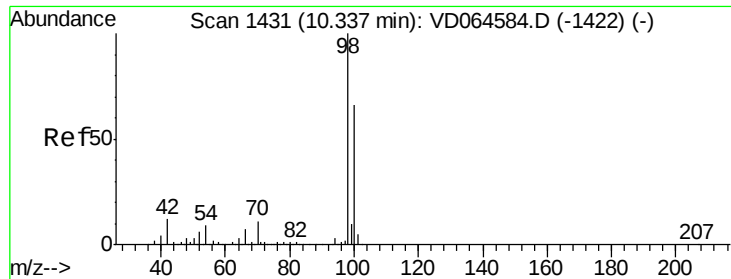
Ion 118.80 (118.50 to 119.50): VD064757.D (-999) (-)

Ion 120.80 (120.50 to 121.50): VD064757.D (-999) (-)

Time-->



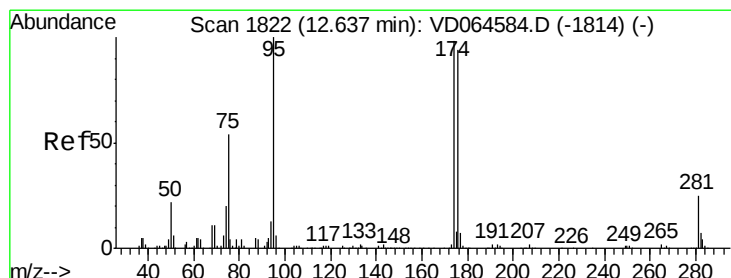
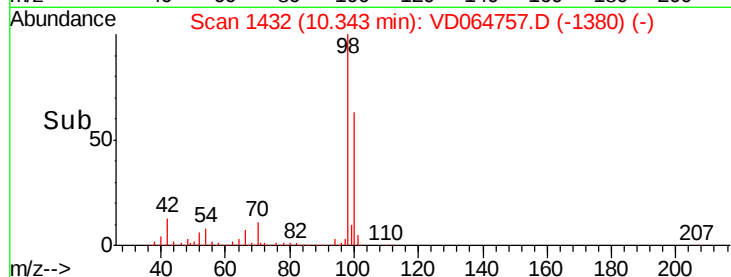
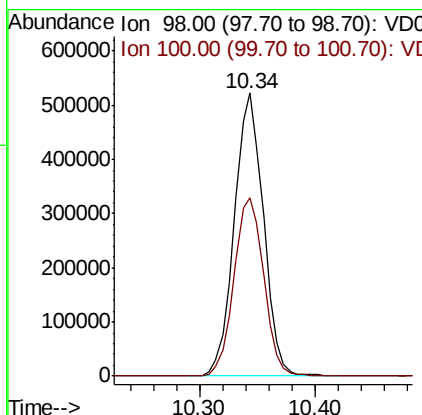
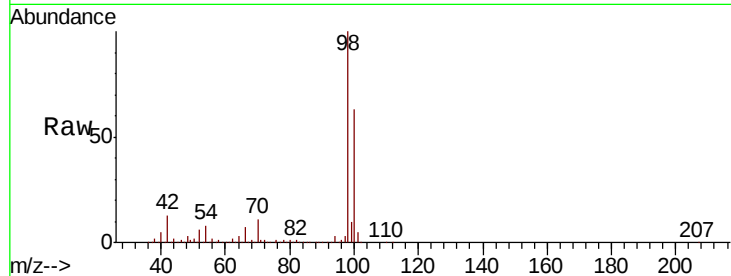
Time-->



#50
Toluene-d8
Concen: 51.878 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064757.D
Acq: 04 Jan 2020 03:31

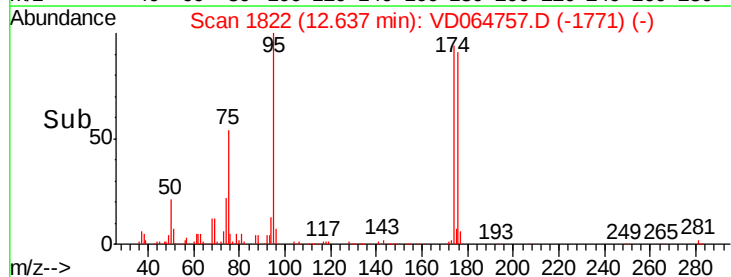
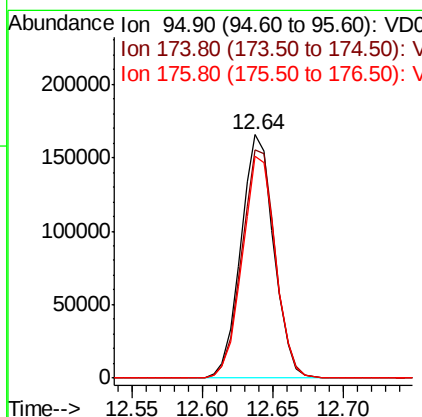
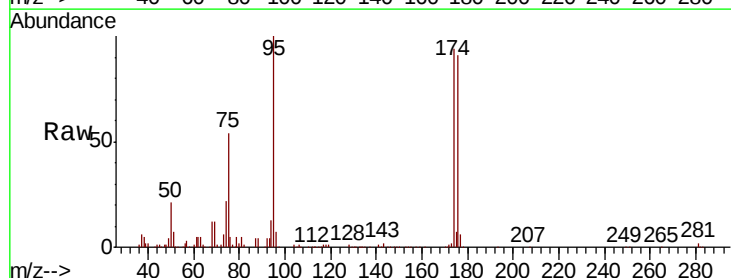
Instrument :
MSVOA_D
ClientSampleId :

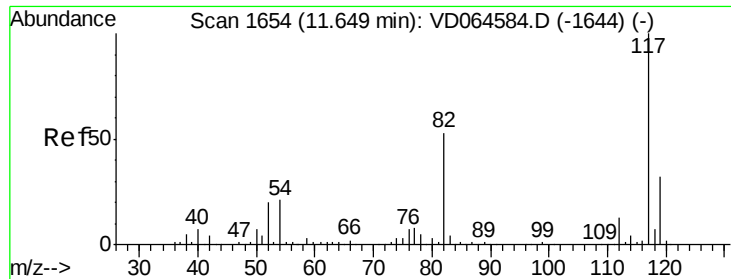
Tot Ion: 98 Resp: 913196
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.596 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064757.D
Acq: 04 Jan 2020 03:31

Tgt Ion: 95 Resp: 270494
Ion Ratio Lower Upper
95 100
174 95.7 0.0 193.2
176 92.4 0.0 184.2

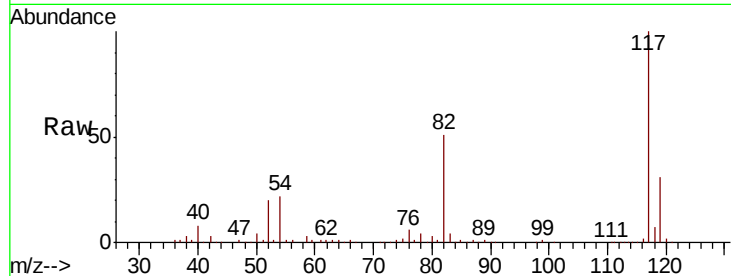




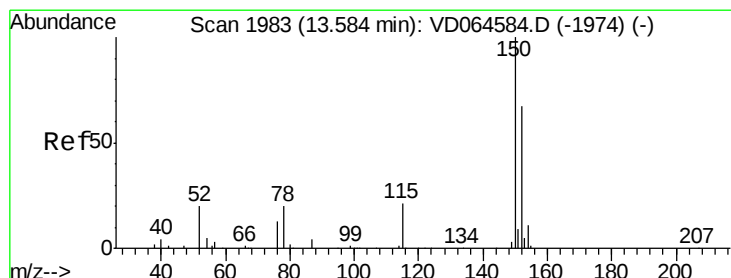
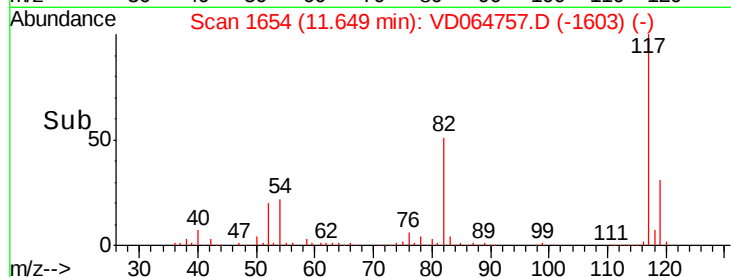
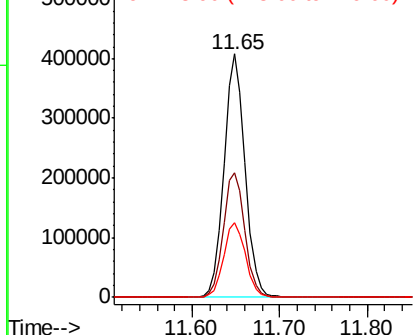
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064757.D
Acq: 04 Jan 2020 03:31

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 674533
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.4
119 30.5 26.0 39.0

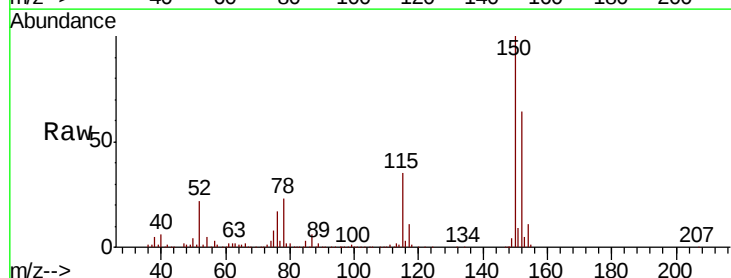


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V

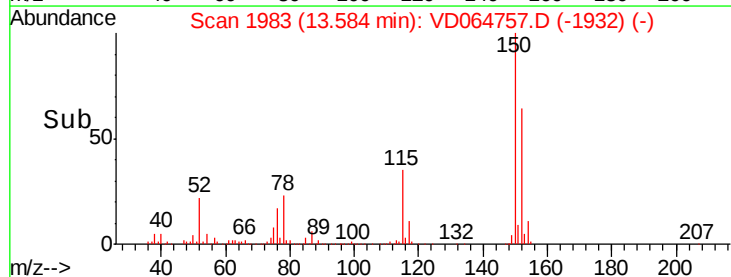
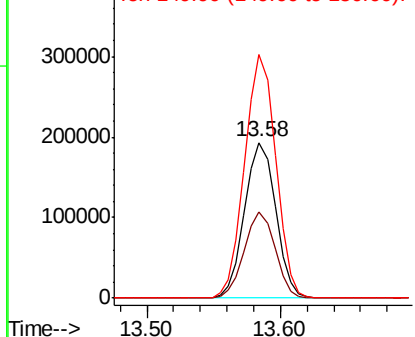


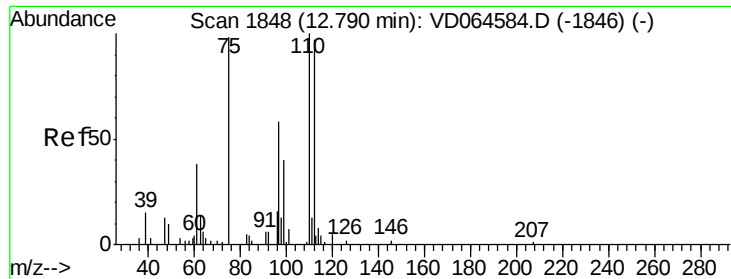
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064757.D
Acq: 04 Jan 2020 03:31

Tgt Ion:152 Resp: 311875
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 156.2 0.0 351.4



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: 59.829 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064757.D

Acq: 04 Jan 2020 03:31

Instrument :

MSVOA_D

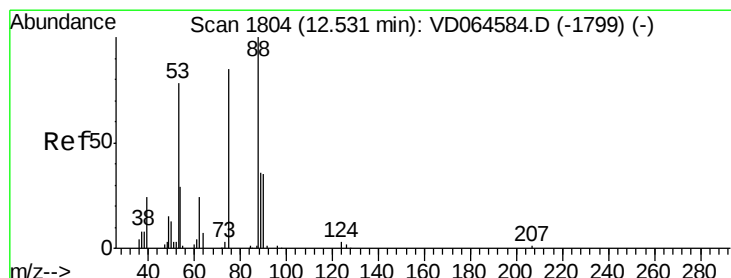
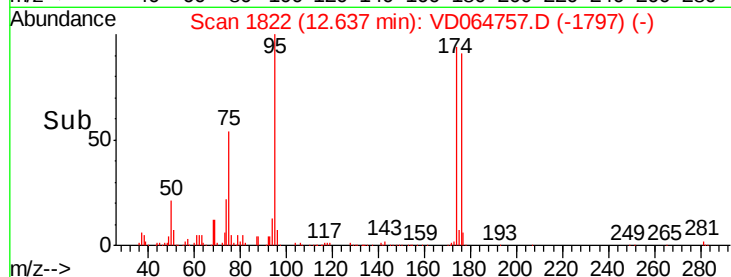
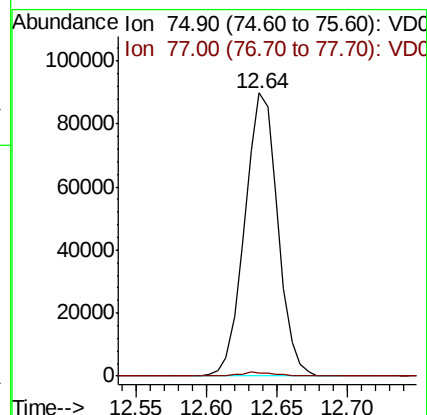
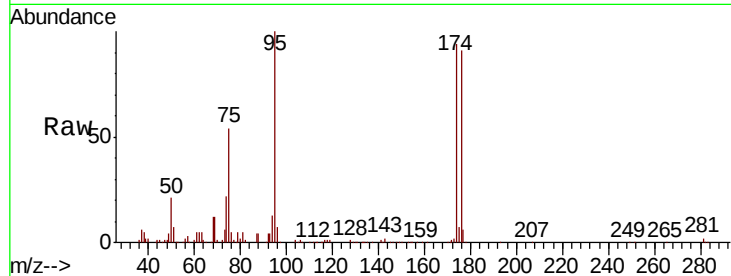
ClientSampled :

Tot Ion: 75 Resp: 147345

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.131 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064757.D

Acq: 04 Jan 2020 03:31

Tgt Ion: 75 Resp: 147345

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#

