

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
 Data File : VD064874.D
 Acq On : 17 Jan 2020 20:31
 Operator : VA/SY
 Sample : L1136-14
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-12

Quant Time: Jan 17 22:55:57 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	360249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	608593	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	563599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	261072	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	192459	60.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	121.18%	
35) Dibromofluoromethane	7.92	113	199409	53.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.82%	
50) Toluene-d8	10.34	98	738919	51.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.64	95	229163	50.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.36%	

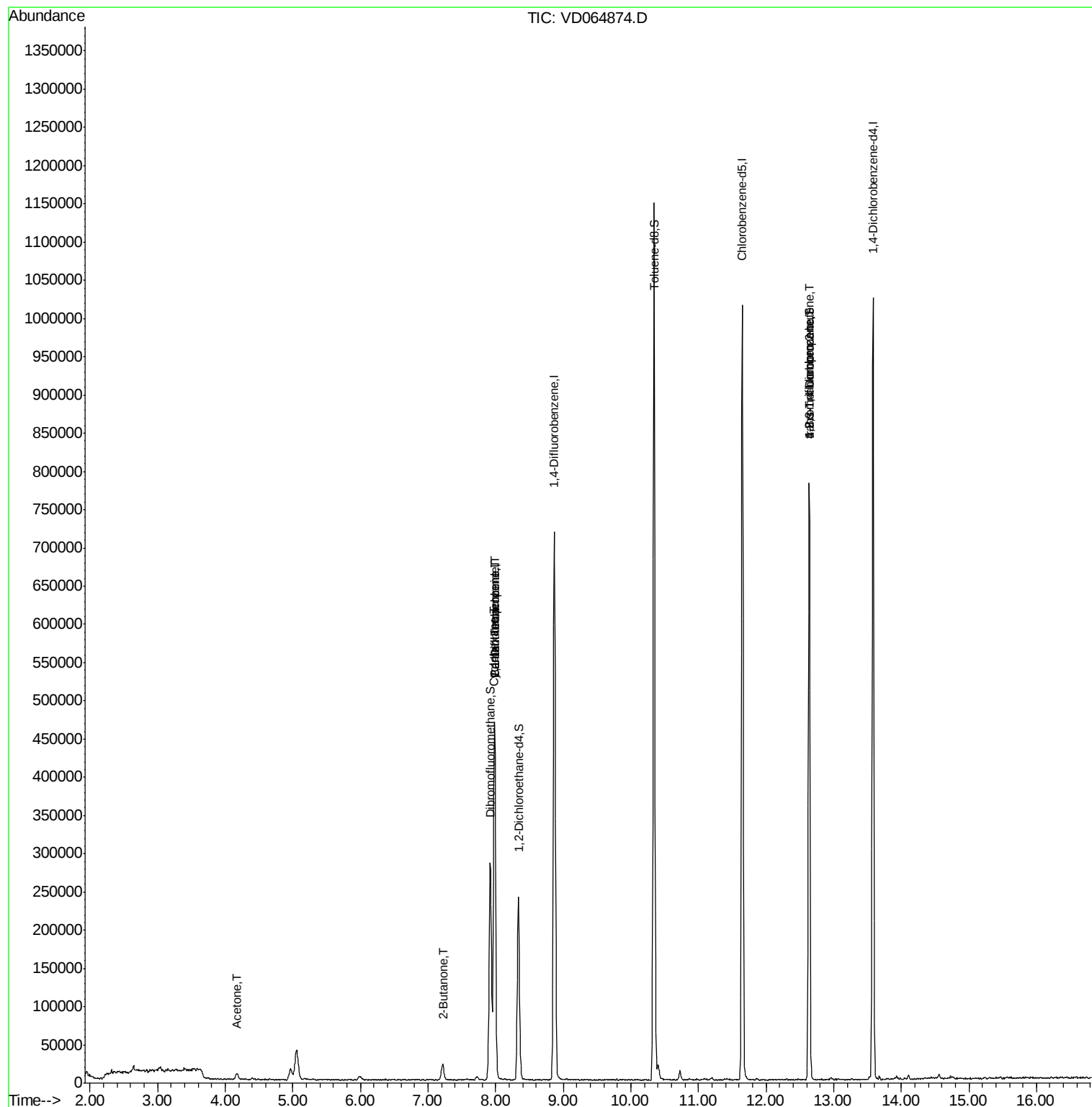
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.17	43	14990	24.03	ug/l	94
20) Methylene Chloride	4.97	84	10167	Below	Cal	92
25) 2-Butanone	7.22	43	1633	1.87	ug/l #	49
31) Cyclohexane	7.97	56	8040	1.36	ug/l #	42
36) 1,1-Dichloropropene	7.98	75	28114	4.80	ug/l #	50
38) Carbon Tetrachloride	7.98	117	35686	5.71	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	125513	60.88	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	125513	127.33	ug/l #	10

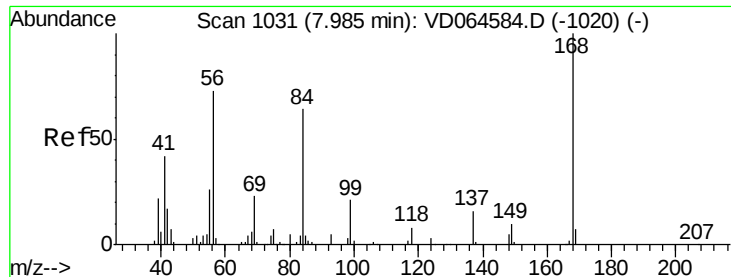
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD011720\
Data File : VD064874.D
Acq On : 17 Jan 2020 20:31
Operator : VA/SY
Sample : L1136-14
Misc : 5.14G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EP-12

Quant Time: Jan 17 22:55:57 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: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

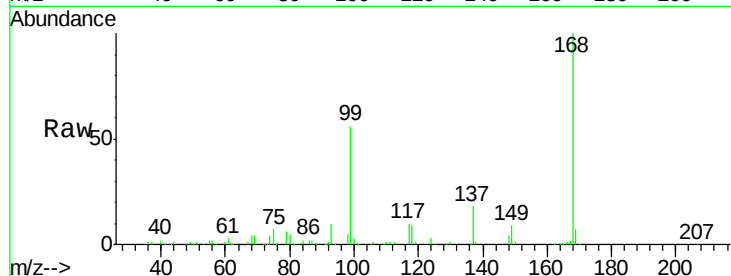
EP-12

Tgt Ion:168 Resp: 360249

Ion Ratio Lower Upper

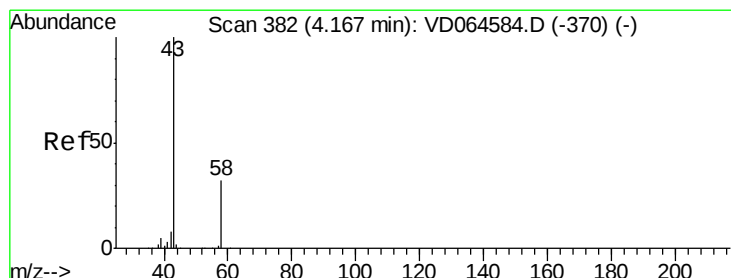
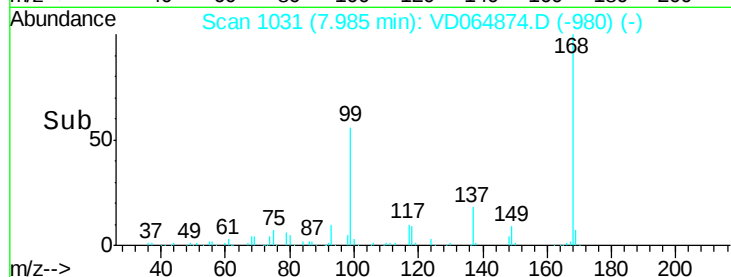
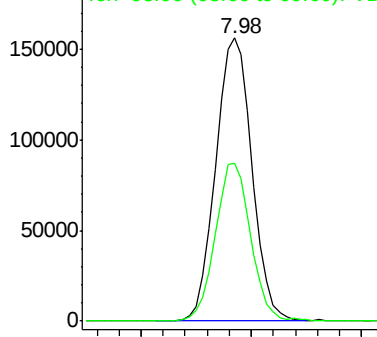
168 100

99 55.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 24.03 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064874.D

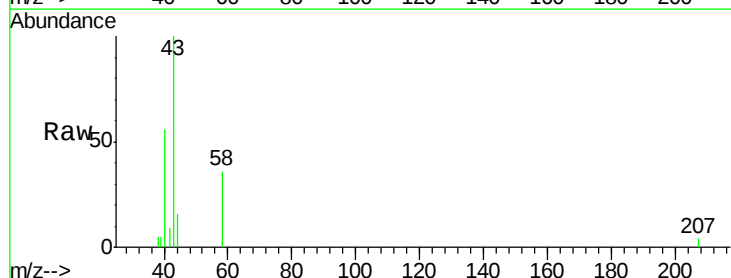
Acq: 17 Jan 2020 20:31

Tgt Ion: 43 Resp: 14990

Ion Ratio Lower Upper

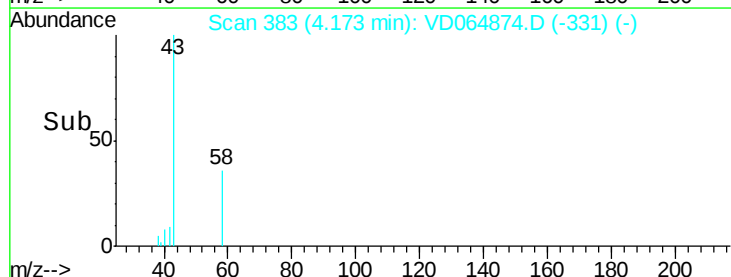
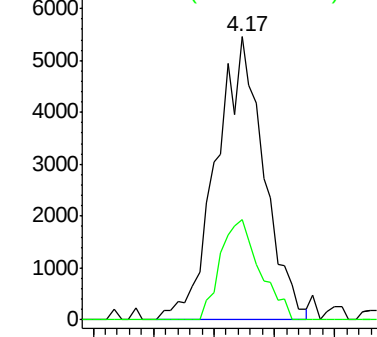
43 100

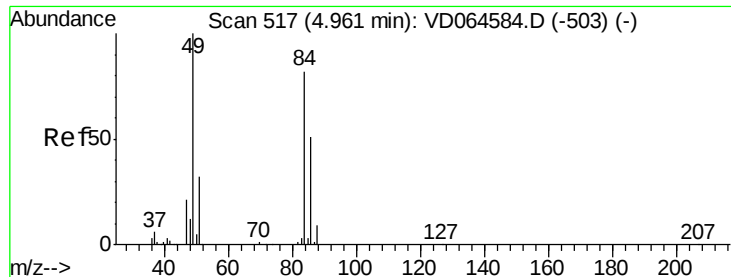
58 35.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

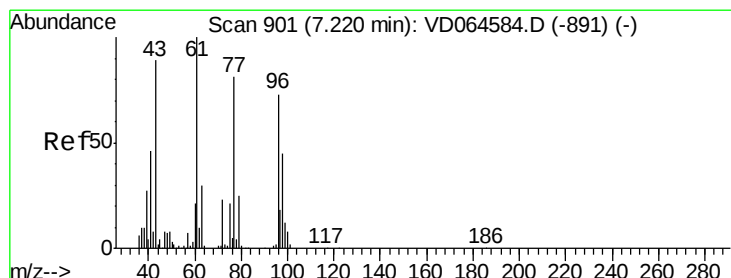
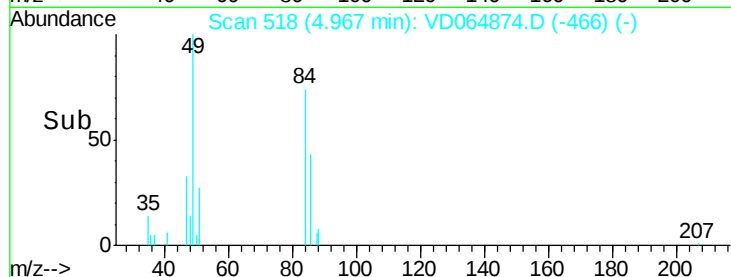
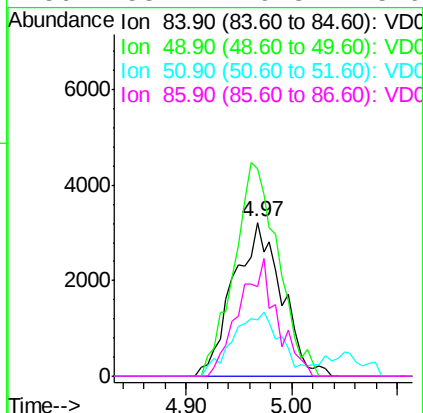
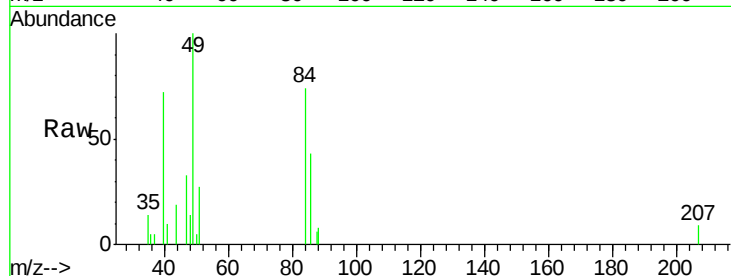




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD064874.D
Acq: 17 Jan 2020 20:31

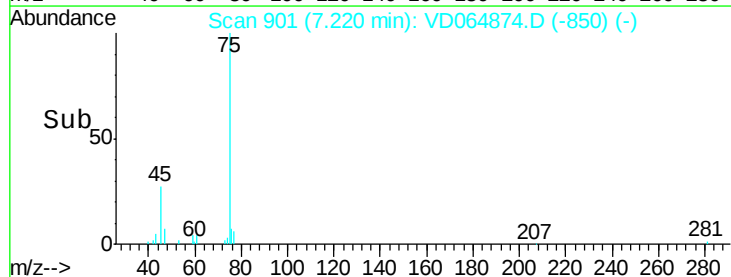
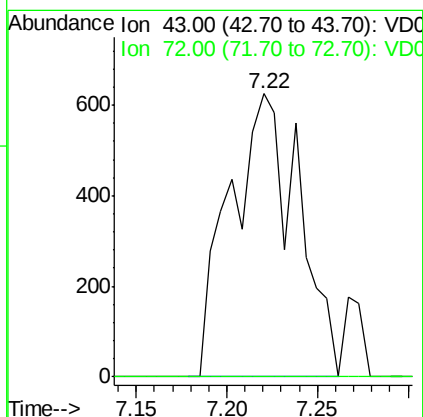
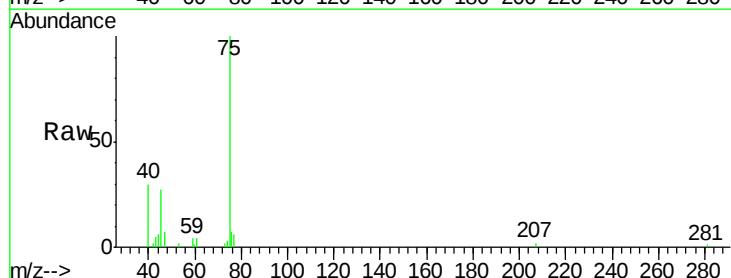
Instrument :
MSVOA_D
ClientSampleId :
EP-12

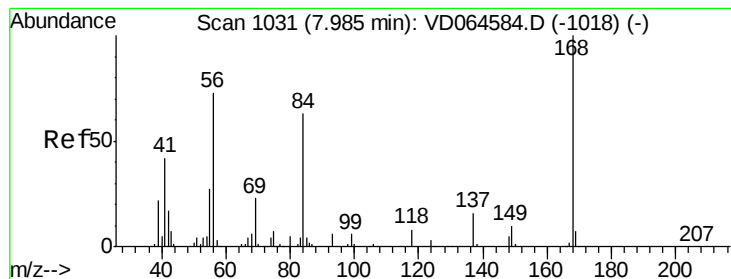
Tgt Ion: 84 Resp: 10167
Ion Ratio Lower Upper
84 100
49 134.6 97.2 145.8
51 36.5 31.4 47.0
86 58.2 49.3 73.9



#25
2-Butanone
Concen: 1.87 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD064874.D
Acq: 17 Jan 2020 20:31

Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#





#31

Cyclohexane

Concen: 1.36 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

EP-12

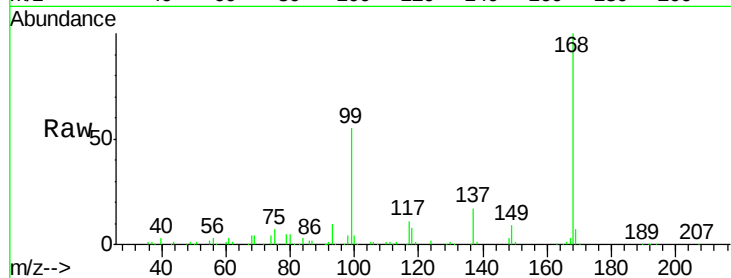
Tgt Ion: 56 Resp: 8040

Ion Ratio Lower Upper

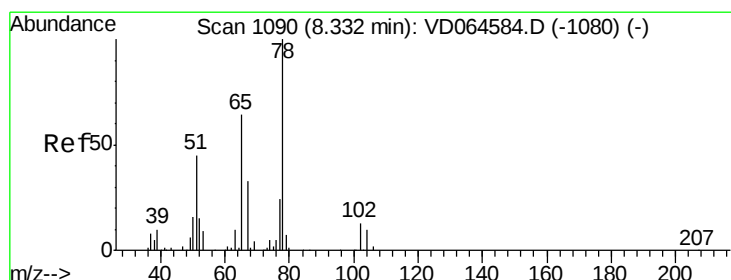
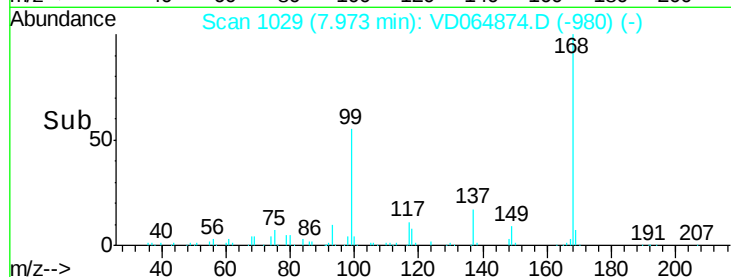
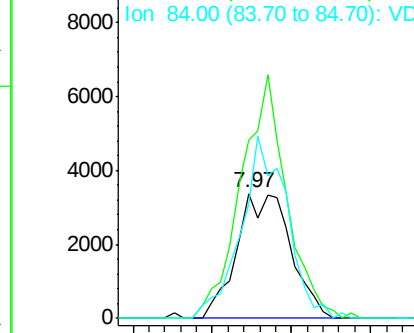
56 100

69 143.5 24.7 37.1#

84 91.6 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: 60.59 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064874.D

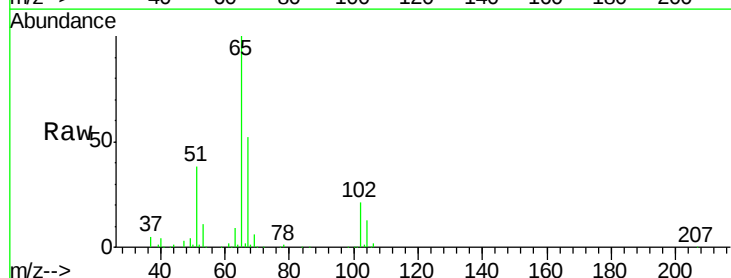
Acq: 17 Jan 2020 20:31

Tgt Ion: 65 Resp: 192459

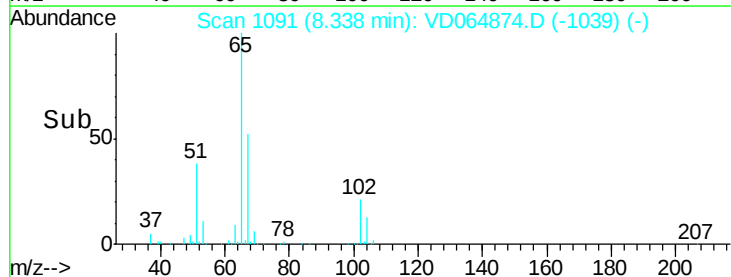
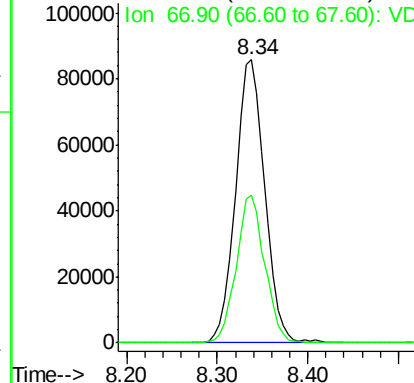
Ion Ratio Lower Upper

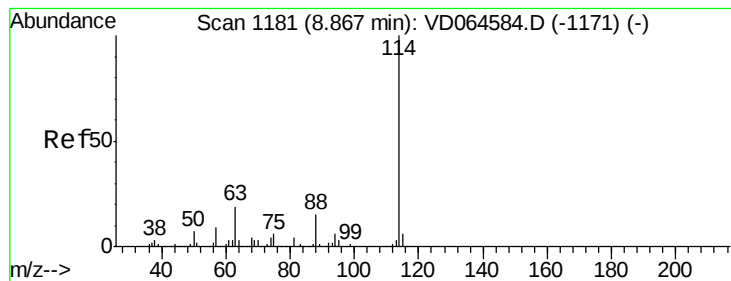
65 100

67 50.7 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: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

EP-12

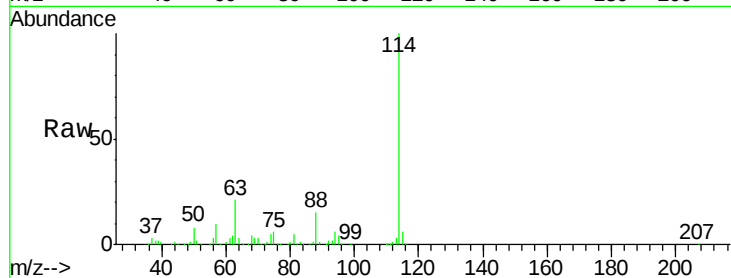
Tgt Ion:114 Resp: 608593

Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.0

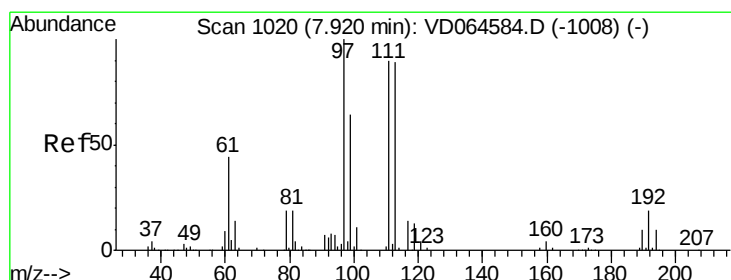
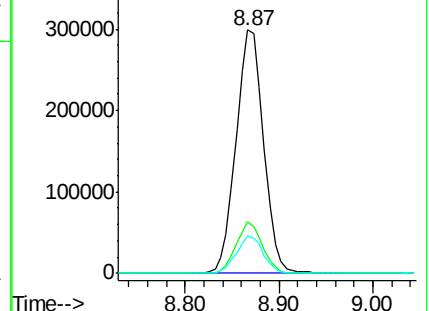
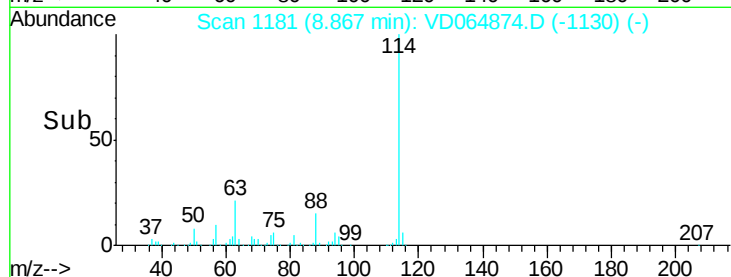
88 15.5 0.0 29.2



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: 53.41 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

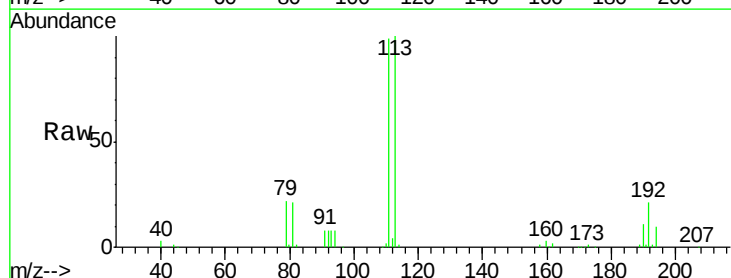
Tgt Ion:113 Resp: 199409

Ion Ratio Lower Upper

113 100

111 101.5 80.6 121.0

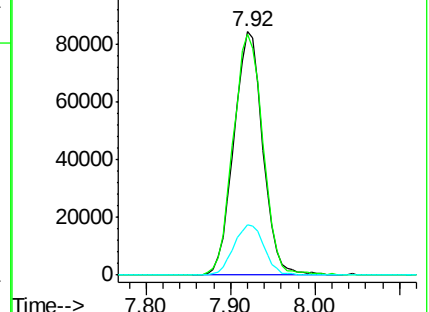
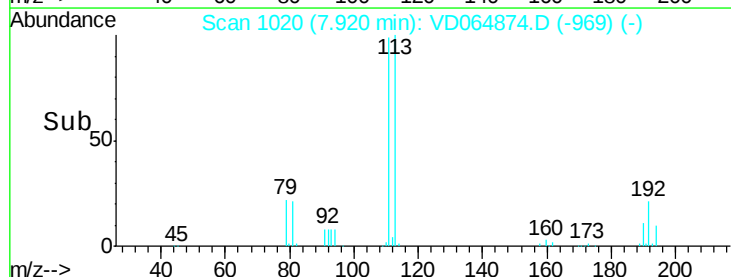
192 21.6 17.9 26.9

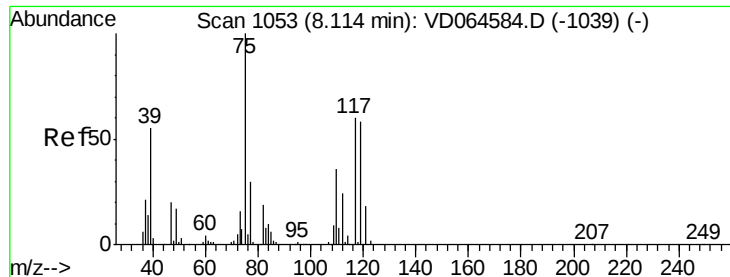


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.80 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

EP-12

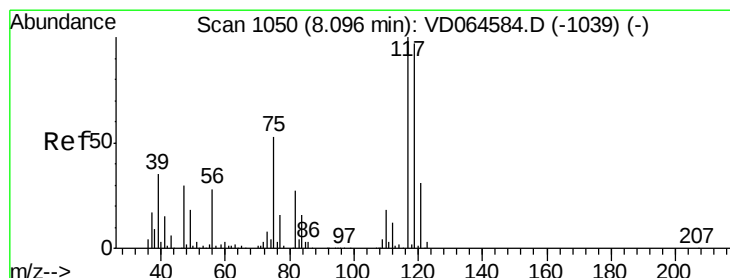
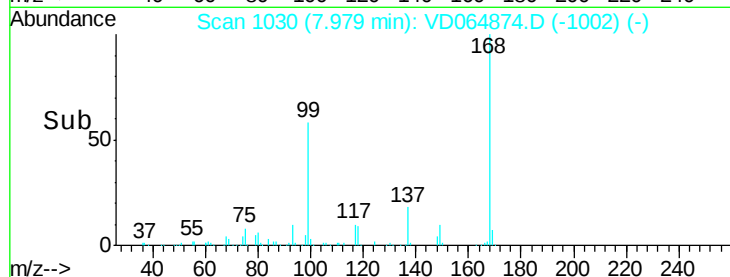
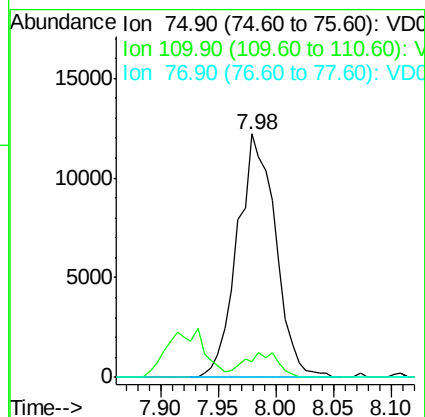
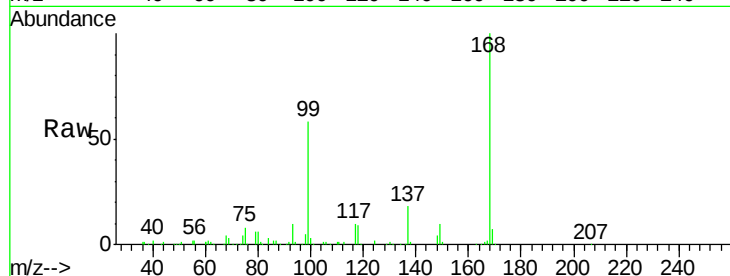
Tgt Ion: 75 Resp: 28114

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.1#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.71 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

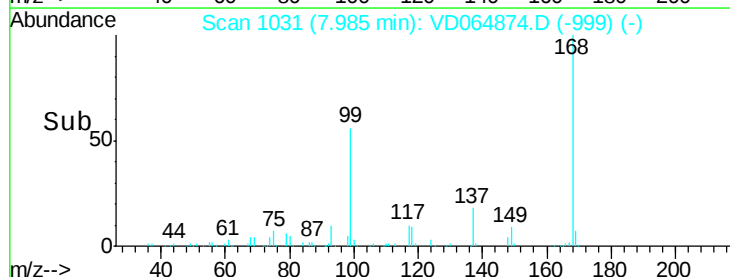
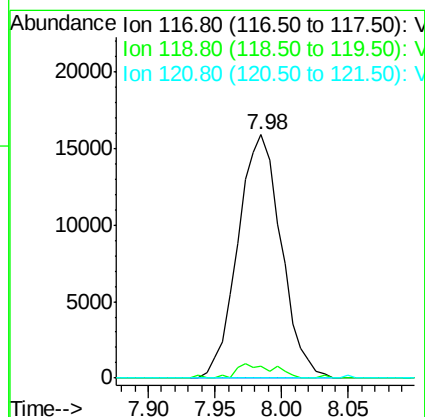
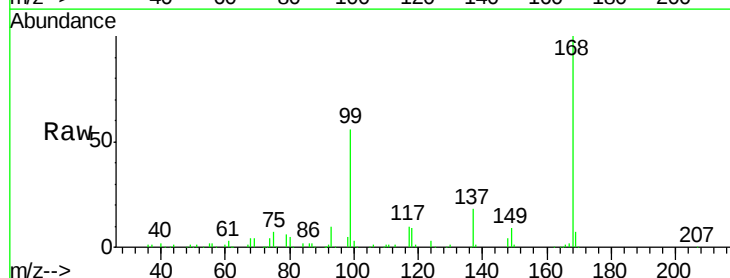
Tgt Ion: 117 Resp: 35686

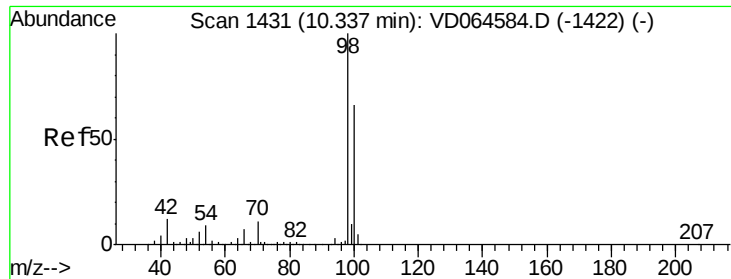
Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 51.67 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

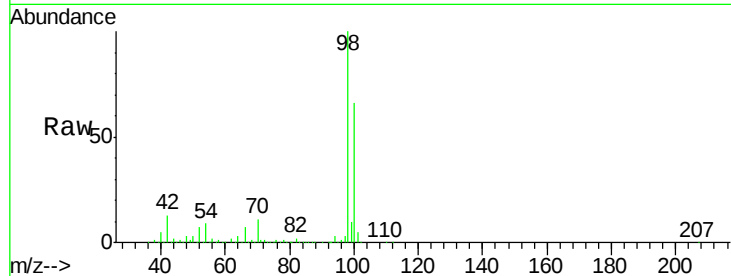
EP-12

Tgt Ion: 98 Resp: 738919

Ion Ratio Lower Upper

98 100

100 66.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

400000

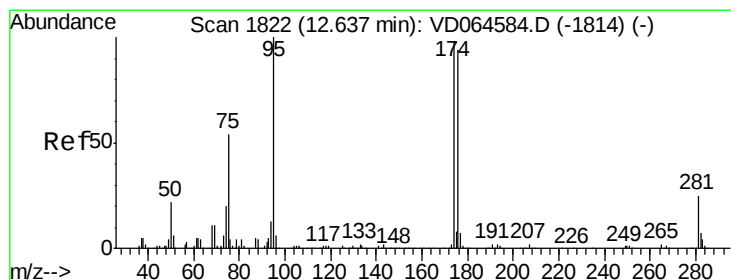
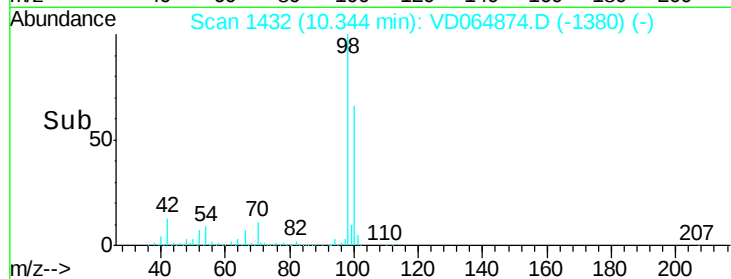
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.68 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

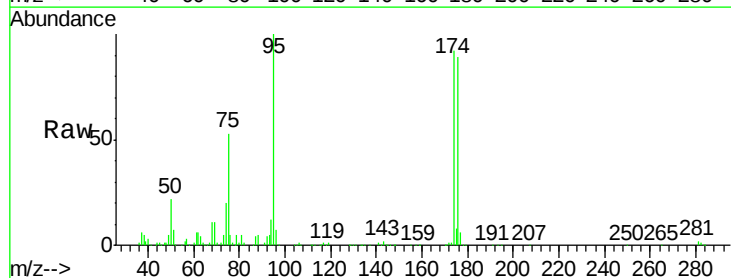
Tgt Ion: 95 Resp: 229163

Ion Ratio Lower Upper

95 100

174 94.9 0.0 193.2

176 91.7 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

200000

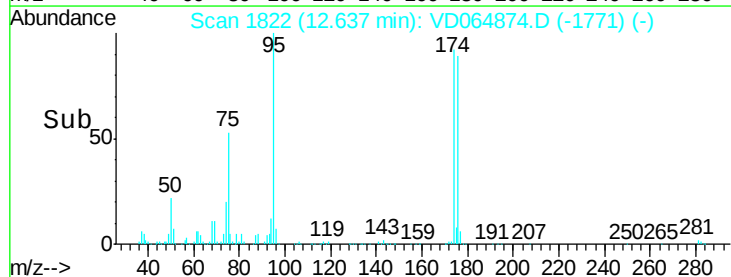
150000

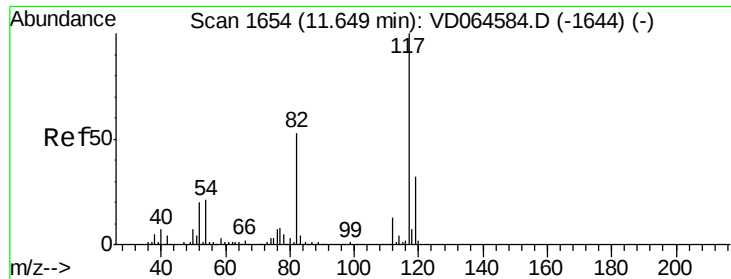
100000

50000

0

Time-->

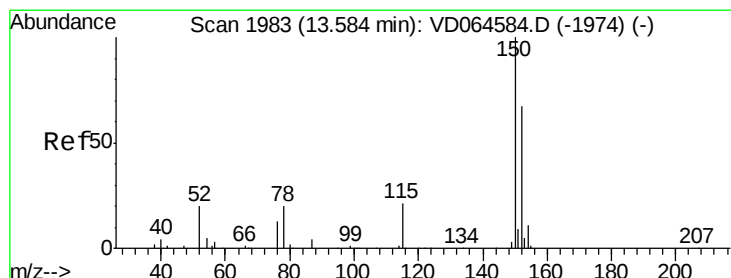
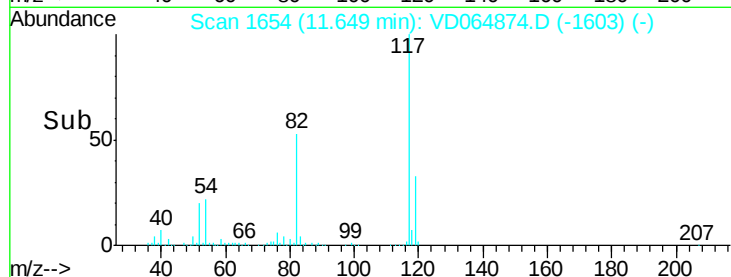
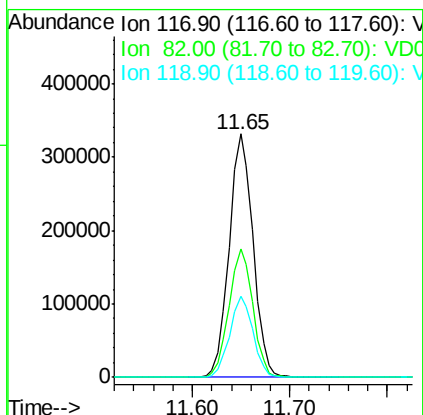
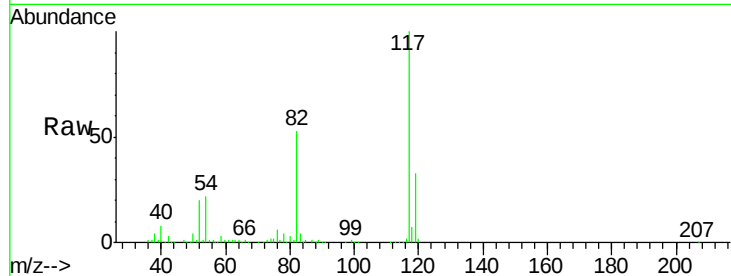




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064874.D
Acq: 17 Jan 2020 20:31

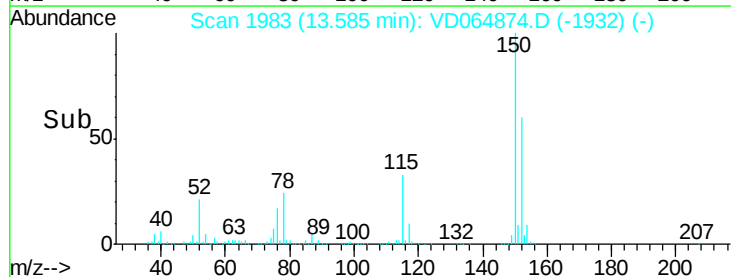
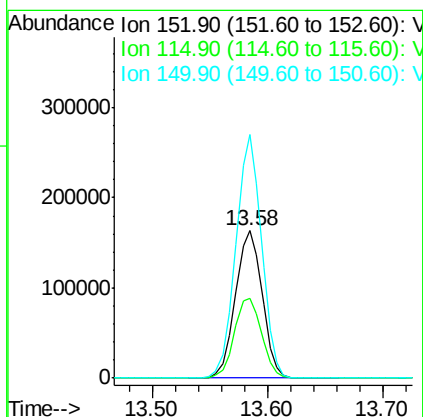
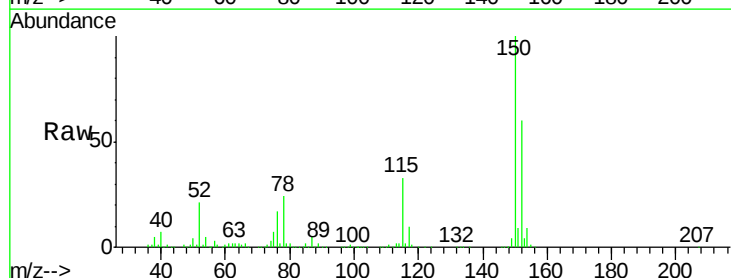
Instrument :
MSVOA_D
ClientSampled :
EP-12

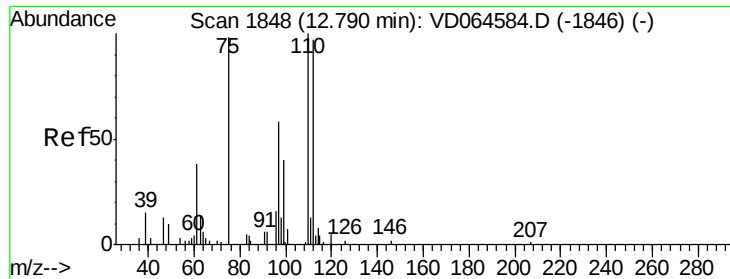
Tgt Ion:117 Resp: 563599
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.4
119 33.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064874.D
Acq: 17 Jan 2020 20:31

Tgt Ion:152 Resp: 261072
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 158.9 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 60.88 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampled :

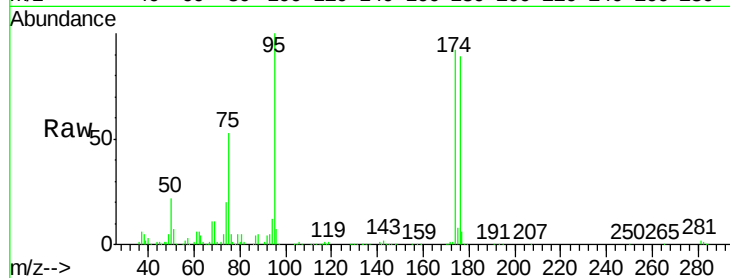
EP-12

Tgt Ion: 75 Resp: 125513

Ion Ratio Lower Upper

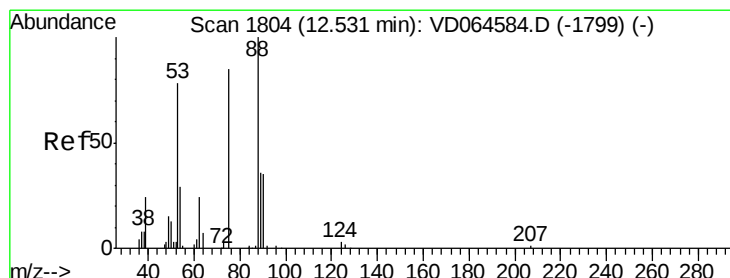
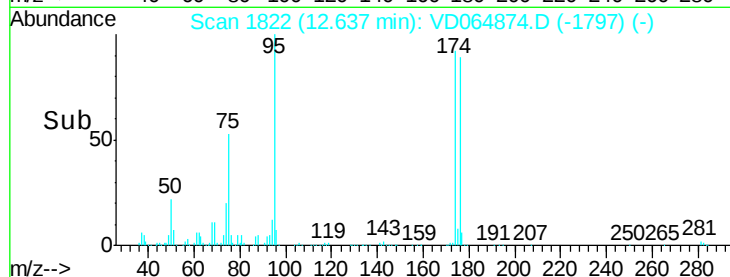
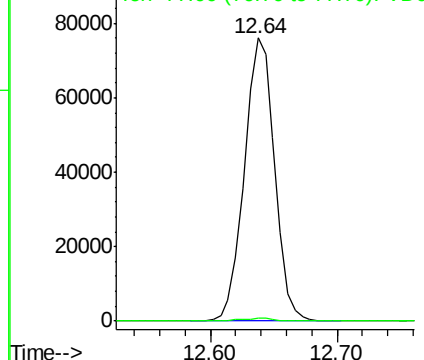
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 127.33 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD064874.D

Acq: 17 Jan 2020 20:31

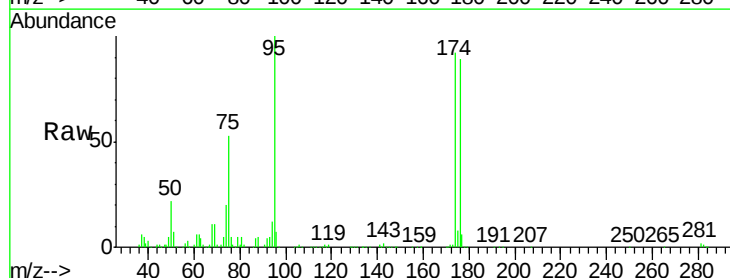
Tgt Ion: 75 Resp: 125513

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.0 38.3 57.5#



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

