

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012220\
 Data File : VD064924.D
 Acq On : 22 Jan 2020 18:32
 Operator : VA/SY
 Sample : L1205-14
 Misc : 11.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-4

Quant Time: Jan 23 00:25:31 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

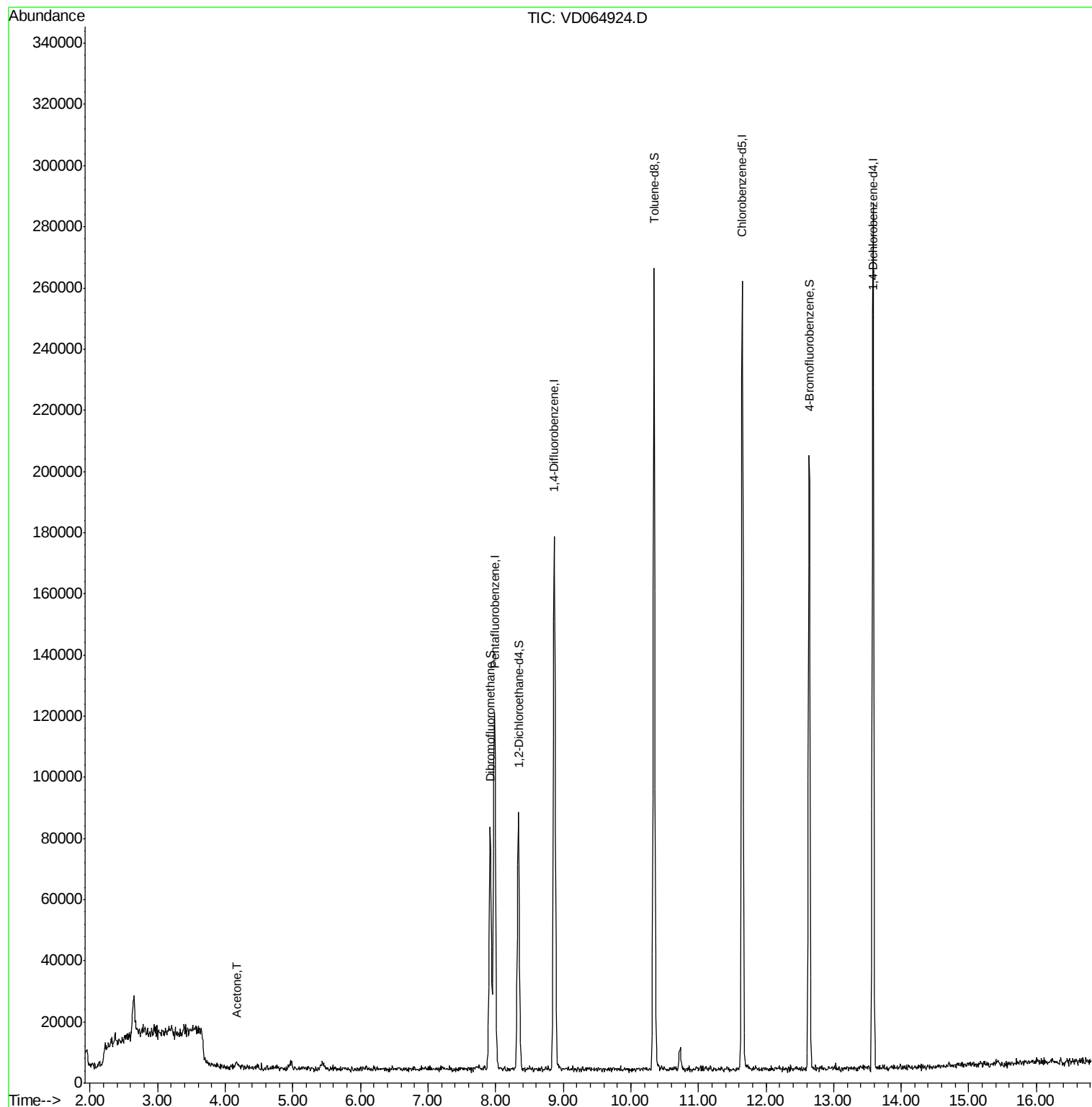
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	90814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	143925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	147271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	72990	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	65687	82.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	164.06%	
35) Dibromofluoromethane	7.92	113	52504	59.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.92%	
50) Toluene-d8	10.34	98	178811	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.64	95	61327	57.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.70%	
Target Compounds						
16) Acetone	4.16	43	3610	23.135	ug/l #	Qvalue 87

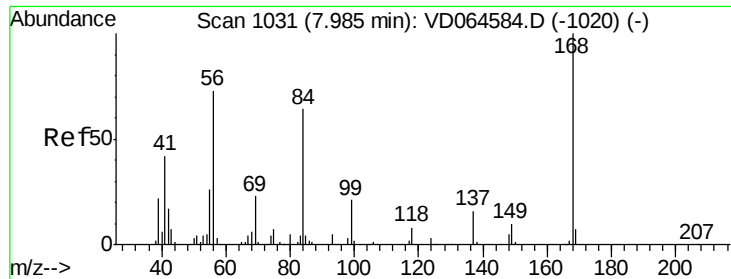
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064924.D

Acq: 22 Jan 2020 18:32

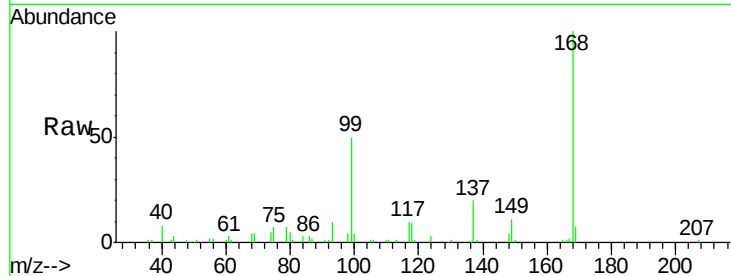
Instrument :
MSVOA_D
ClientSampleId :
EP-4

Tot Ion:168 Resp: 90814

Ion Ratio Lower Upper

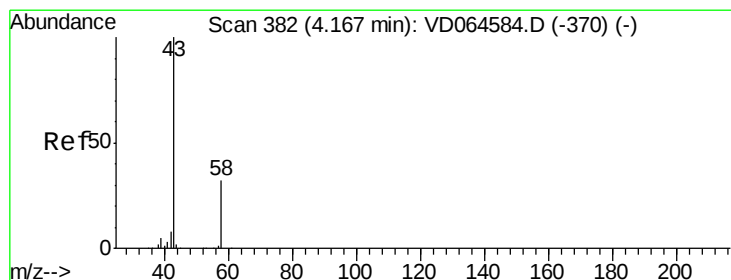
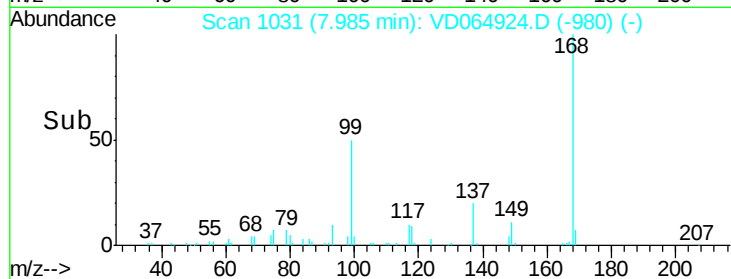
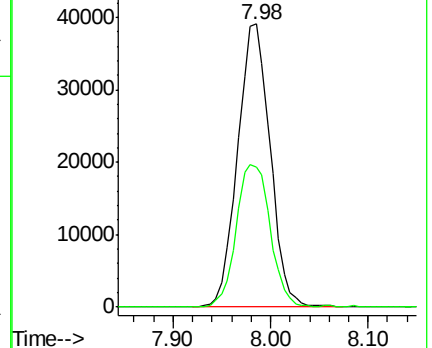
168 100

99 49.7 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: 23.135 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064924.D

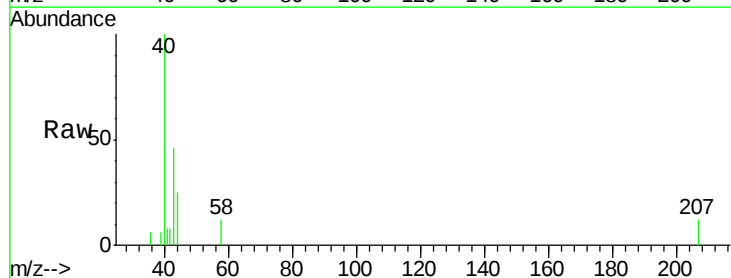
Acq: 22 Jan 2020 18:32

Tgt Ion: 43 Resp: 3610

Ion Ratio Lower Upper

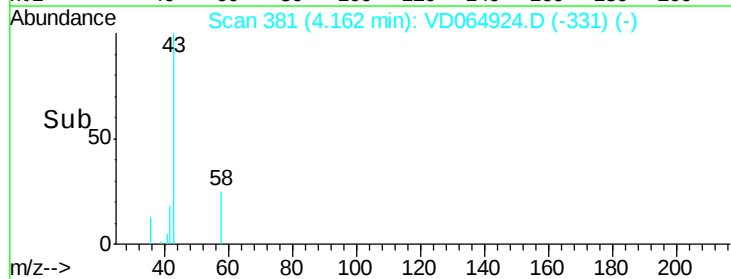
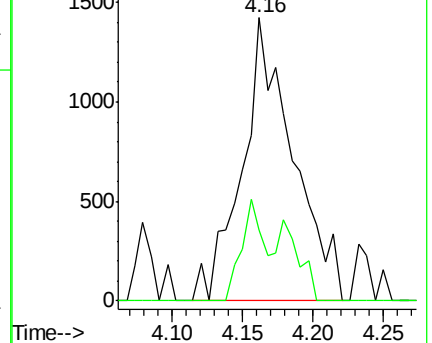
43 100

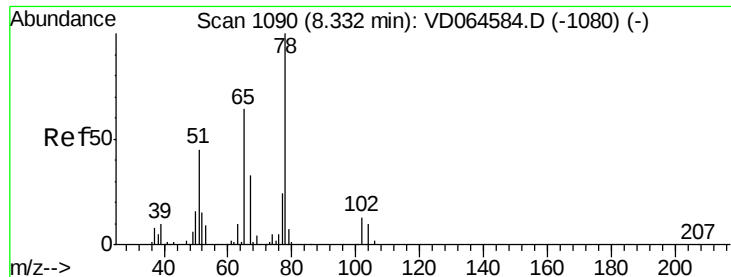
58 25.2 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 82.028 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064924.D

Acq: 22 Jan 2020 18:32

Instrument :

MSVOA_D

ClientSampleId :

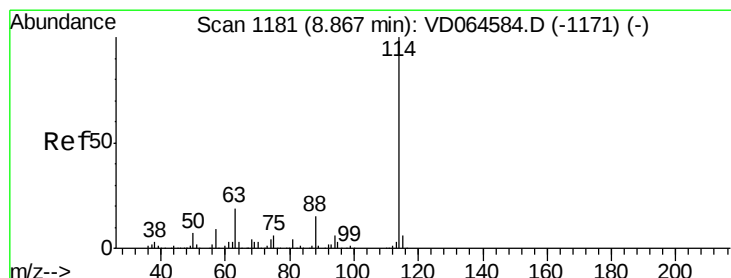
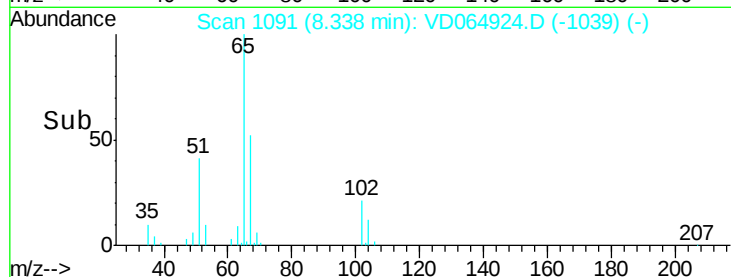
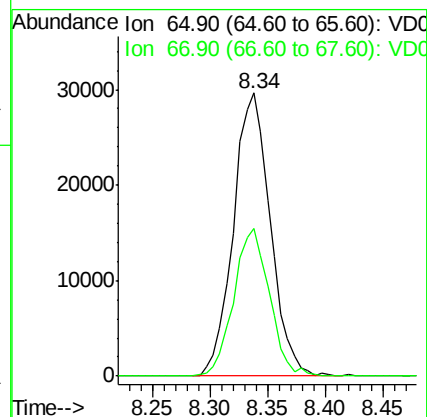
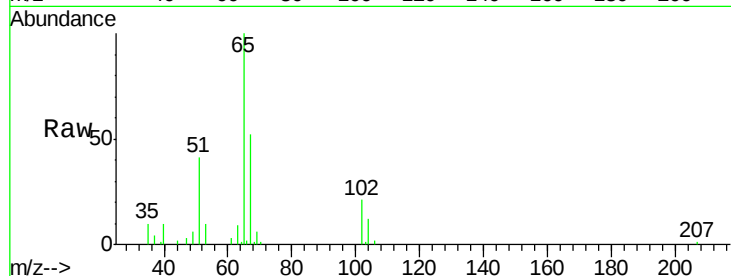
EP-4

Tot Ion: 65 Resp: 65687

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064924.D

Acq: 22 Jan 2020 18:32

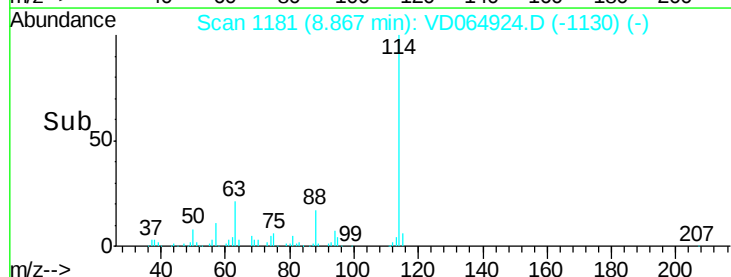
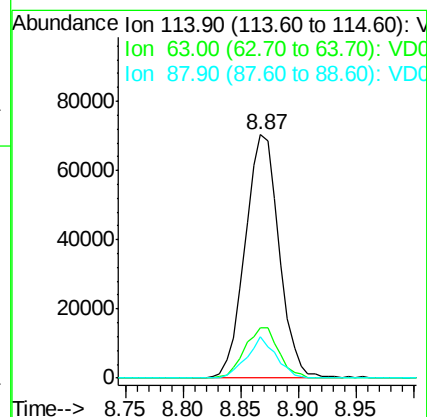
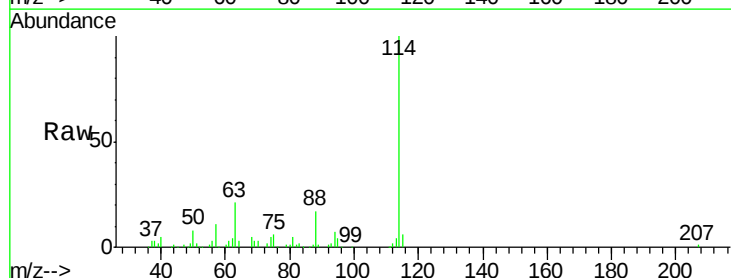
Tgt Ion: 114 Resp: 143925

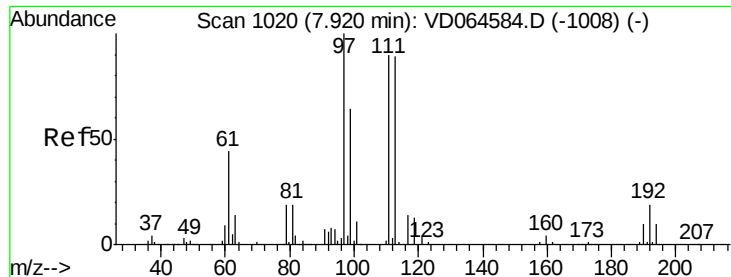
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

88 16.8 0.0 29.2

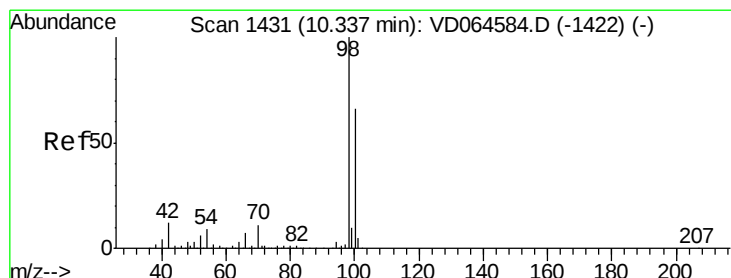
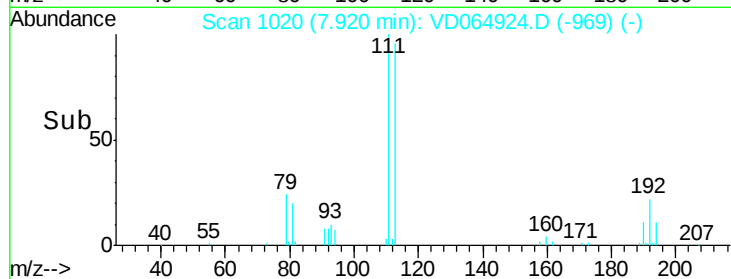
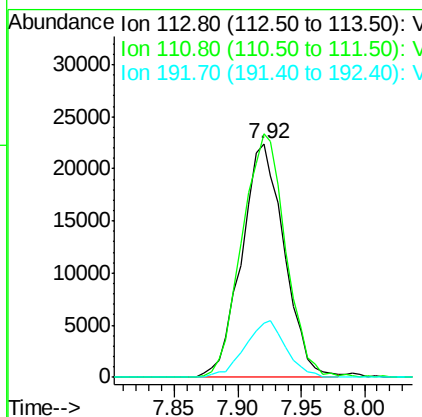
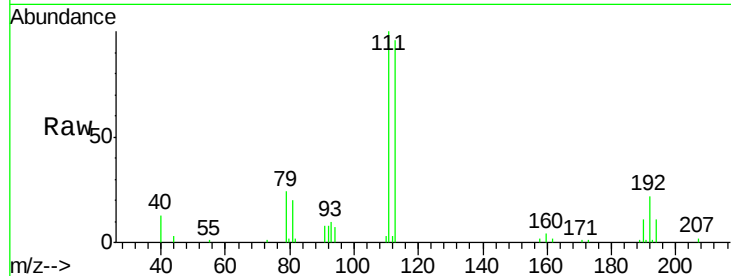




#35
Dibromofluoromethane
Concen: 59.461 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064924.D
Acq: 22 Jan 2020 18:32

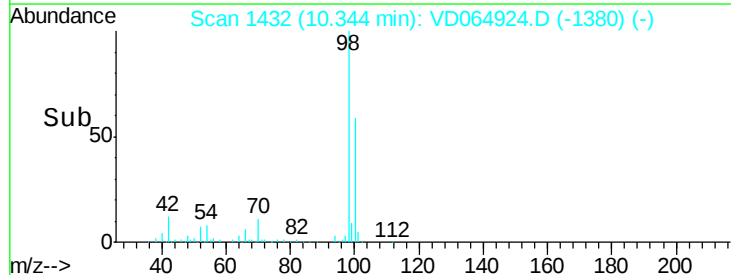
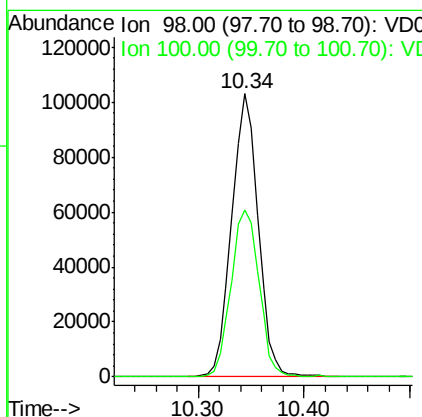
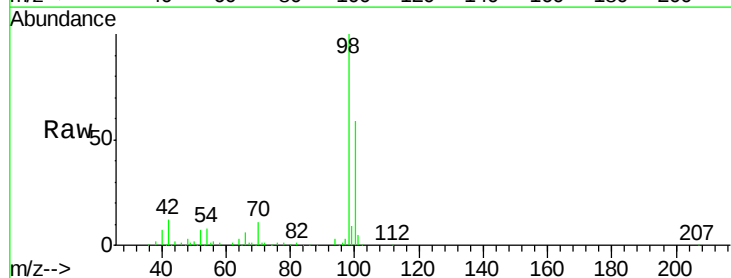
Instrument :
MSVOA_D
ClientSampleId :
EP-4

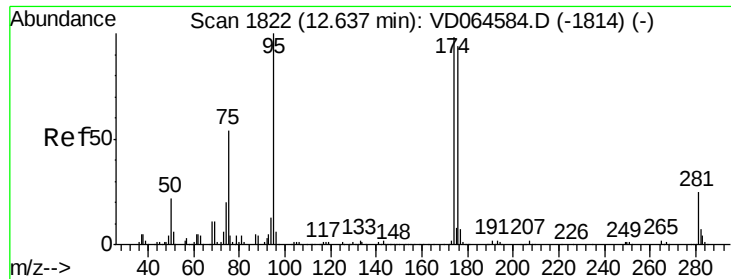
Tot Ion:113 Resp: 52504
Ion Ratio Lower Upper
113 100
111 106.7 80.6 121.0
192 23.1 17.9 26.9



#50
Toluene-d8
Concen: 52.874 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064924.D
Acq: 22 Jan 2020 18:32

Tgt Ion: 98 Resp: 178811
Ion Ratio Lower Upper
98 100
100 62.1 51.7 77.5

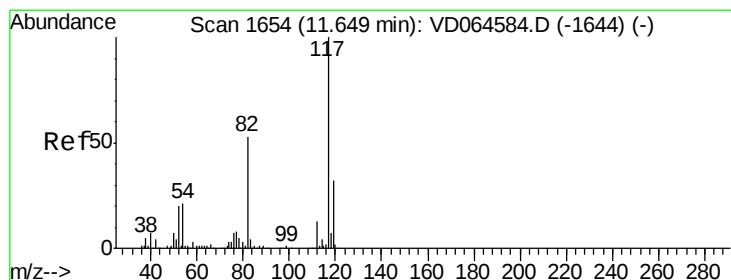
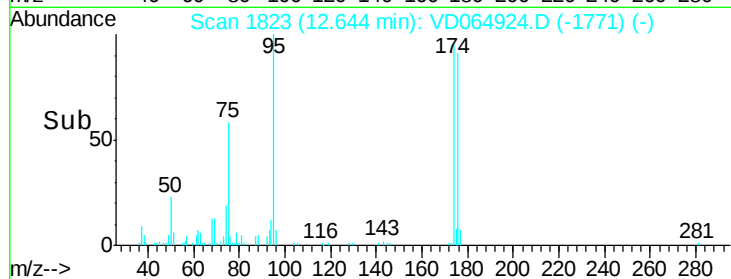
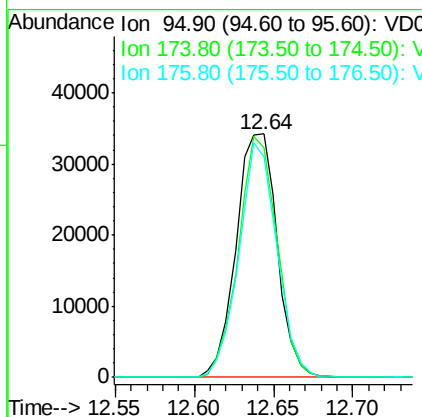
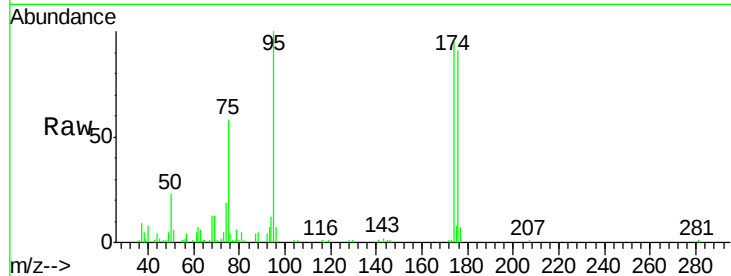




#62
4-Bromofluorobenzene
Concen: 57.349 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064924.D
Acq: 22 Jan 2020 18:32

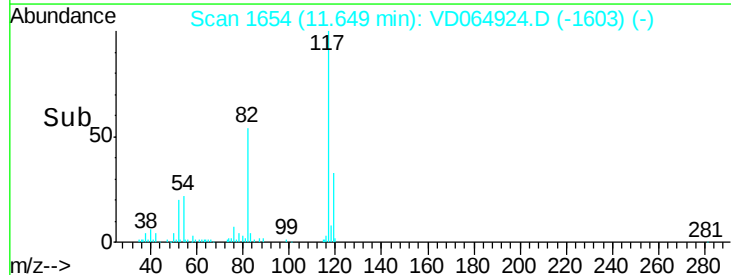
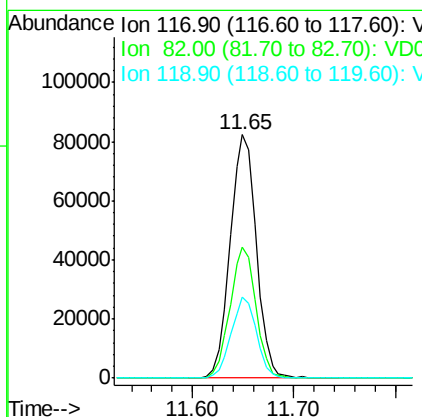
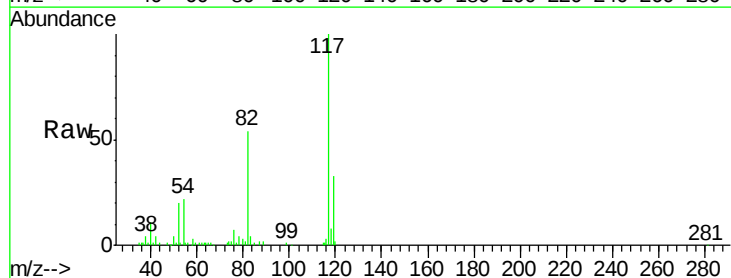
Instrument :
MSVOA_D
ClientSampled :
EP-4

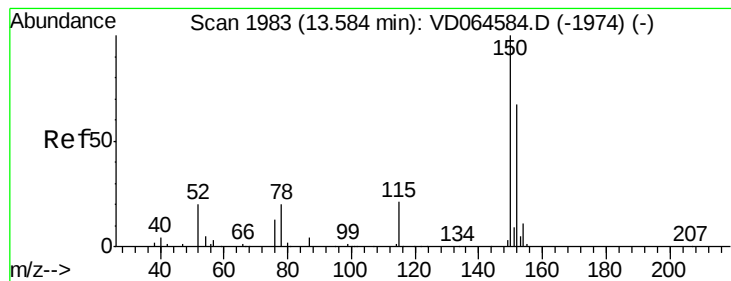
Tot Ion: 95 Resp: 61327
Ion Ratio Lower Upper
95 100
174 93.7 0.0 193.2
176 89.7 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064924.D
Acq: 22 Jan 2020 18:32

Tgt Ion: 117 Resp: 147271
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.4
119 33.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064924.D

Acq: 22 Jan 2020 18:32

Instrument :

MSVOA_D

ClientSampleId :

EP-4

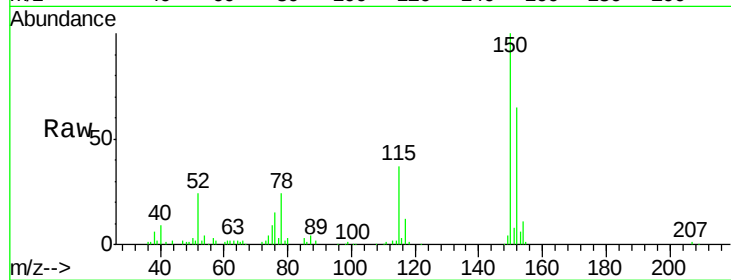
Tot Ion:152 Resp: 72990

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 152.4 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

