

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120619\
 Data File : VD064455.D
 Acq On : 06 Dec 2019 13:32
 Operator : VA/SY
 Sample : K6177-03
 Misc : 5.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-3

Quant Time: Dec 06 23:02:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	32092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	47063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	46696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	25422	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	17606	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
35) Dibromofluoromethane	7.92	113	16282	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
50) Toluene-d8	10.34	98	56634	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.63	95	22528	62.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.52%	

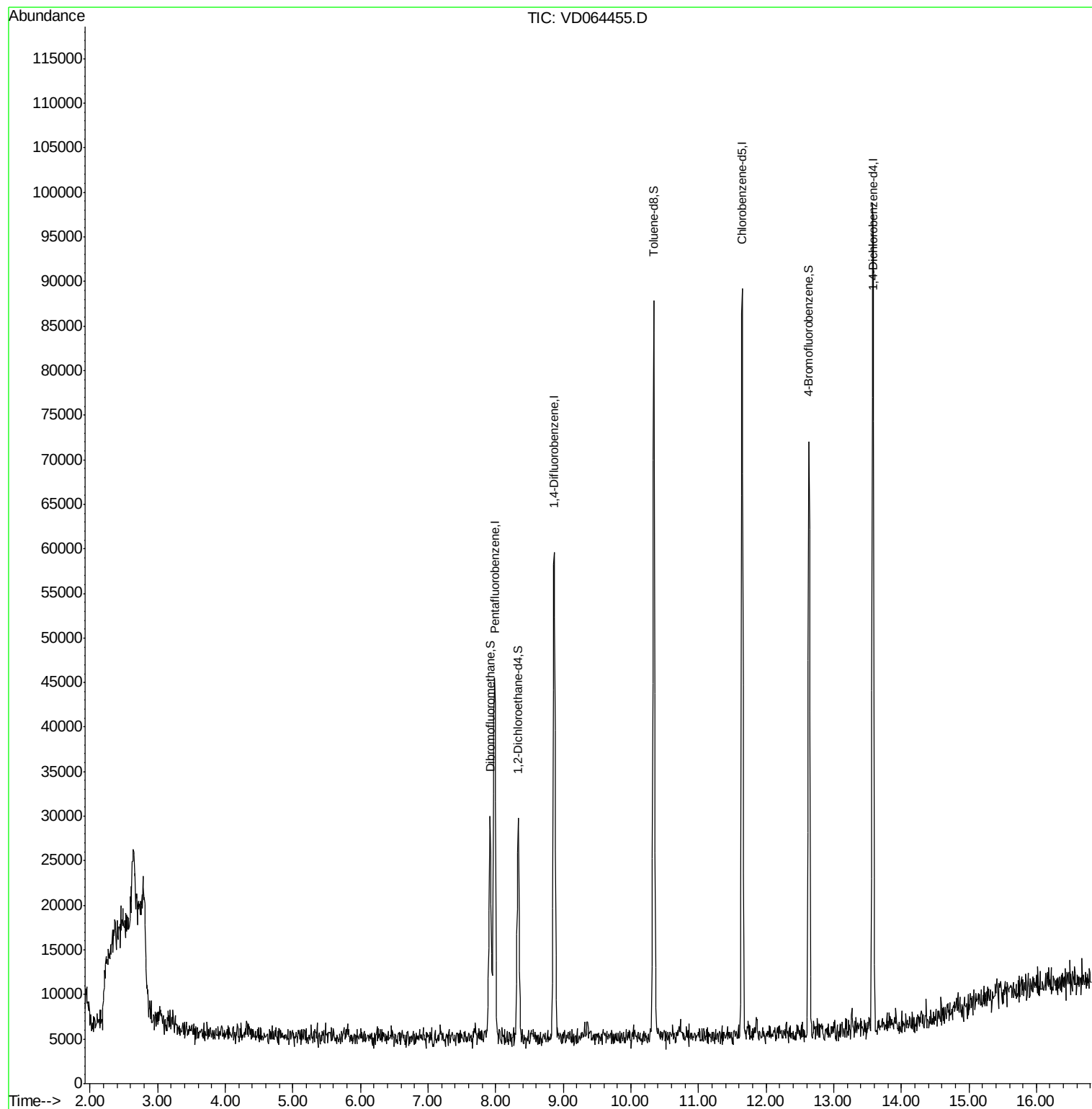
Target Compounds	Qvalue
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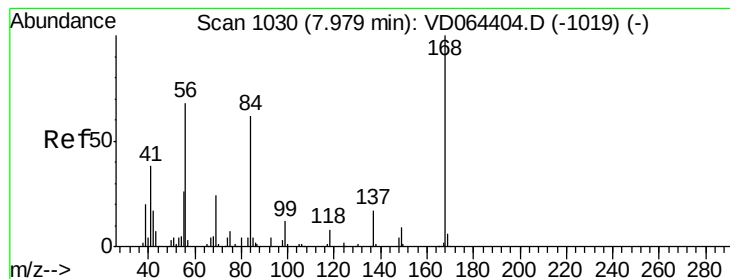
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120619\
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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064455.D

Acq: 06 Dec 2019 13:32

Instrument :

MSVOA_D

ClientSampled :

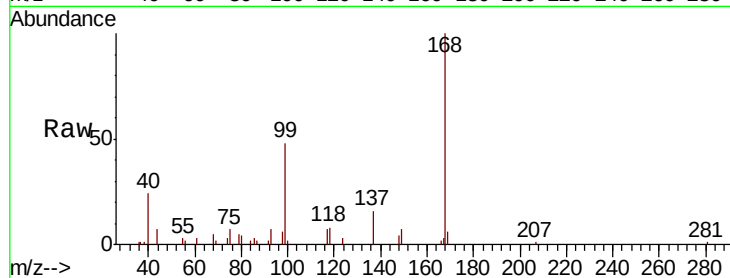
EP-3

Tot Ion:168 Resp: 32092

Ion Ratio Lower Upper

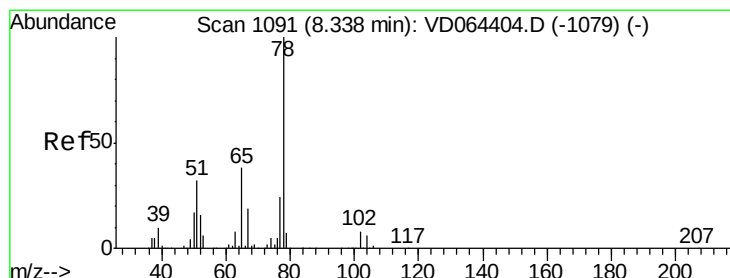
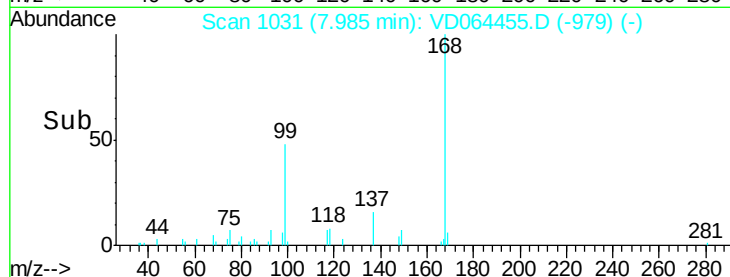
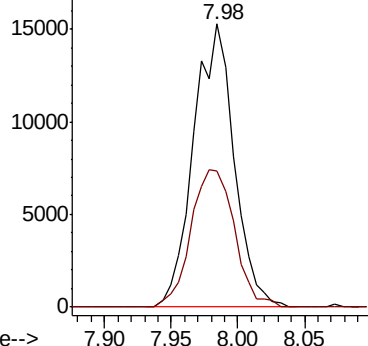
168 100

99 48.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 60.610 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064455.D

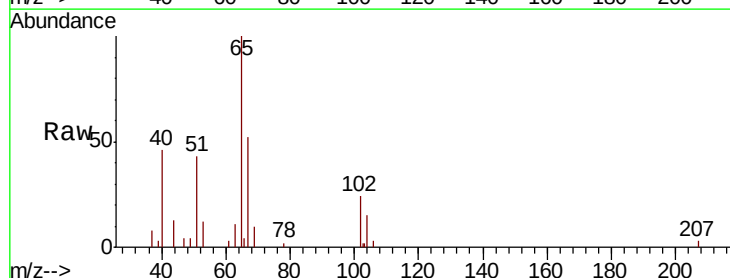
Acq: 06 Dec 2019 13:32

Tgt Ion: 65 Resp: 17606

Ion Ratio Lower Upper

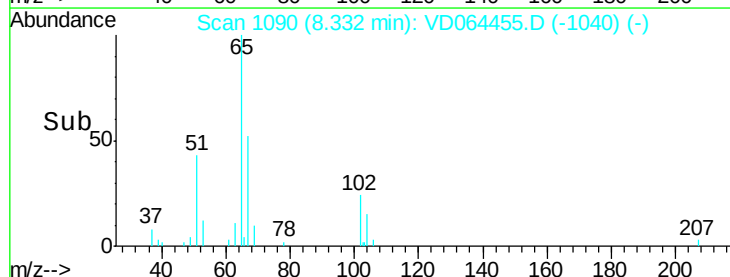
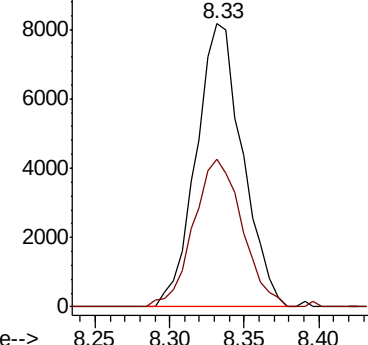
65 100

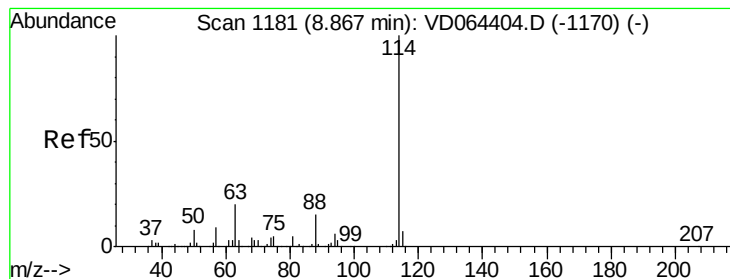
67 54.8 0.0 102.0



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: VD064455.D

Acq: 06 Dec 2019 13:32

Instrument :

MSVOA_D

ClientSampleId :

EP-3

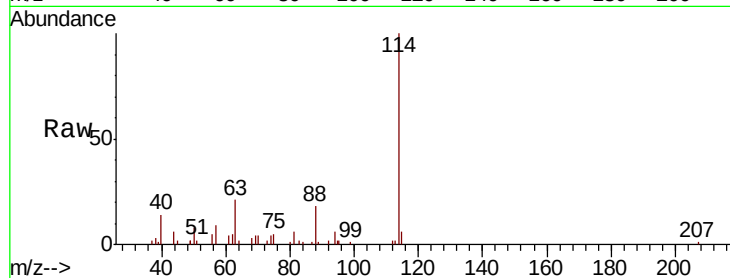
Tot Ion:114 Resp: 47063

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

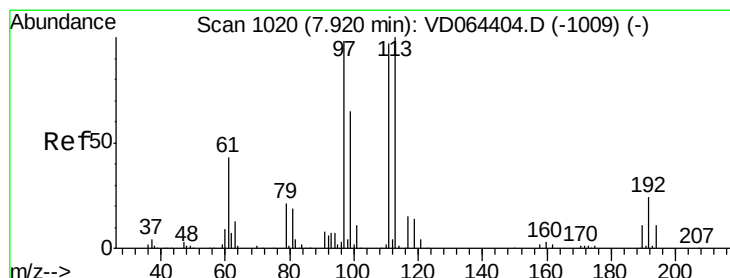
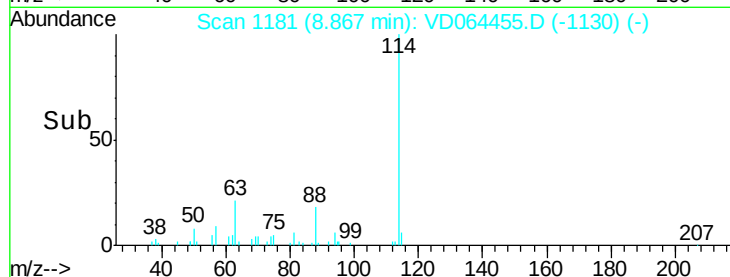
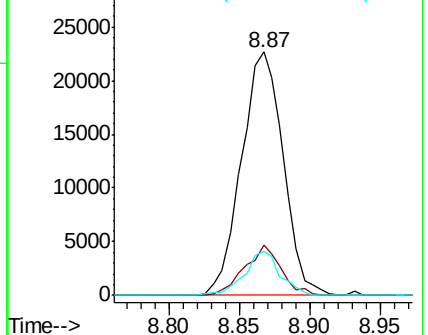
88 18.1 0.0 29.2



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: 54.910 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064455.D

Acq: 06 Dec 2019 13:32

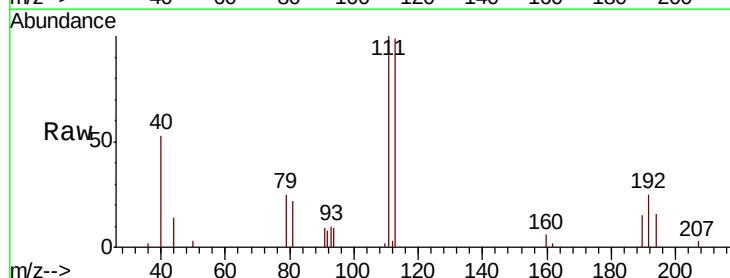
Tgt Ion:113 Resp: 16282

Ion Ratio Lower Upper

113 100

111 101.9 79.4 119.2

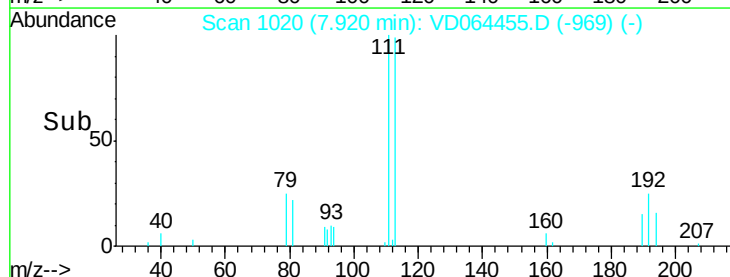
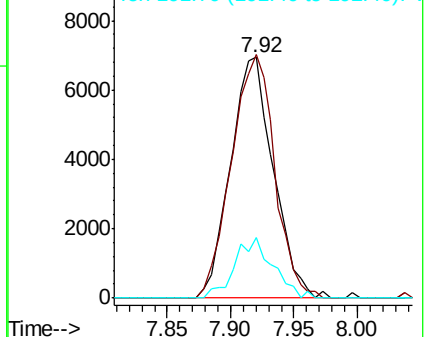
192 22.4 18.6 28.0

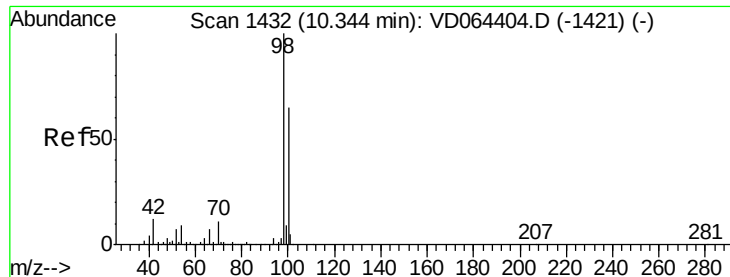


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.704 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064455.D

Acq: 06 Dec 2019 13:32

Instrument :

MSVOA_D

ClientSampleId :

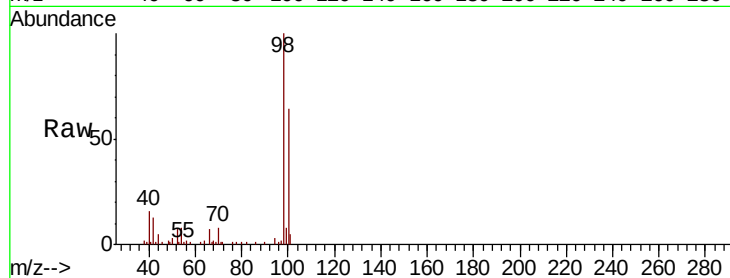
EP-3

Tot Ion: 98 Resp: 56634

Ion Ratio Lower Upper

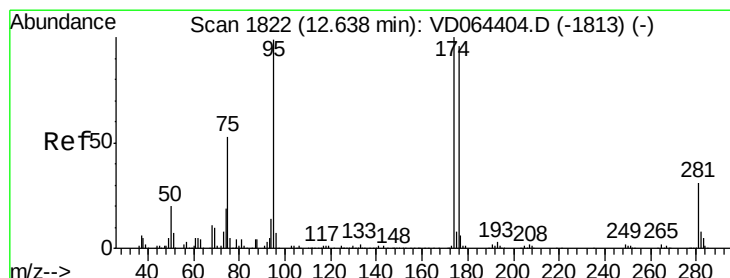
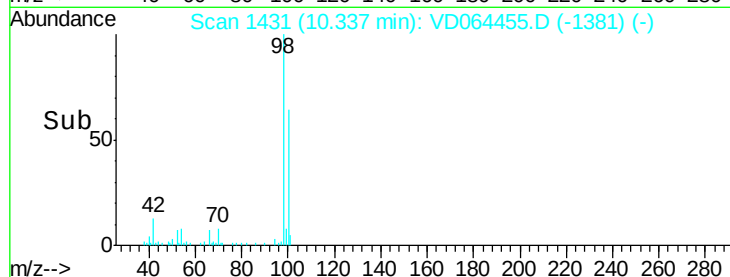
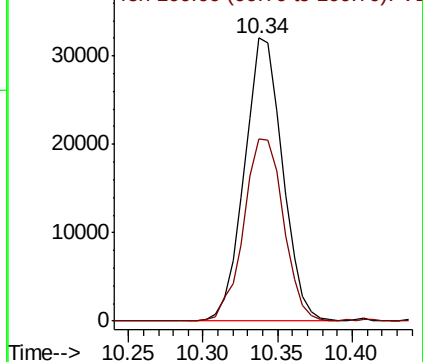
98 100

100 67.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 62.759 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD064455.D

Acq: 06 Dec 2019 13:32

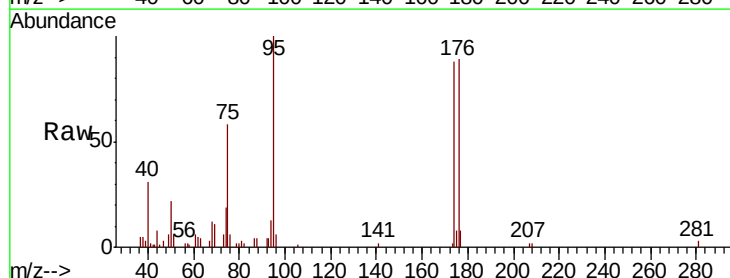
Tgt Ion: 95 Resp: 22528

Ion Ratio Lower Upper

95 100

174 88.4 0.0 197.2

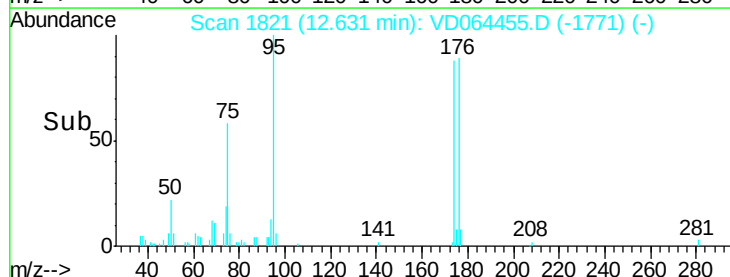
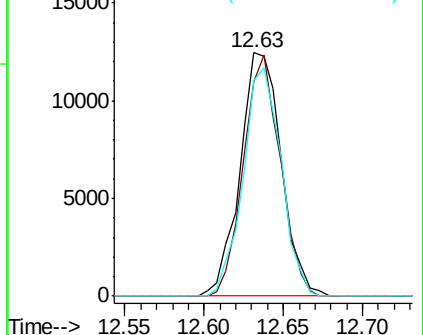
176 86.9 0.0 189.6

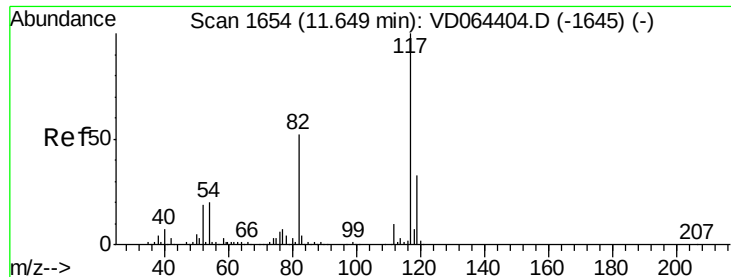


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

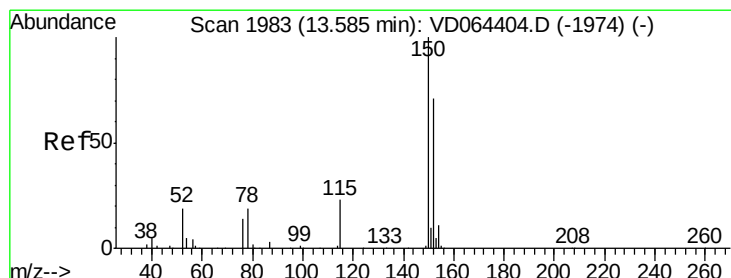
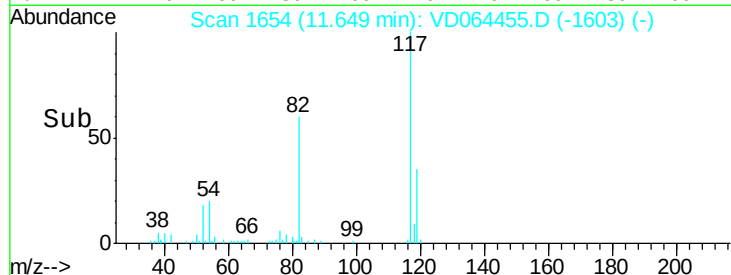
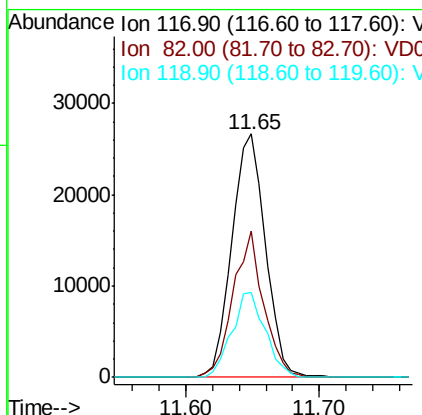
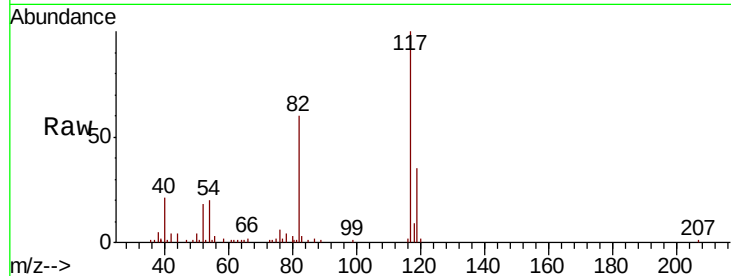




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064455.D
Acq: 06 Dec 2019 13:32

Instrument :
MSVOA_D
ClientSampleId :
EP-3

Tot Ion:117 Resp: 46696
Ion Ratio Lower Upper
117 100
82 59.9 41.4 62.2
119 34.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064455.D
Acq: 06 Dec 2019 13:32

Tgt Ion:152 Resp: 25422
Ion Ratio Lower Upper
152 100
115 51.4 26.7 80.1
150 159.3 0.0 347.2

