

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111219\
 Data File : VD064202.D
 Acq On : 12 Nov 2019 18:02
 Operator : VA/SY
 Sample : K5760-07RE
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 3425RE

Quant Time: Nov 13 09:56:27 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	49745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	73115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	82554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	47041	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	27039	66.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.18%	
35) Dibromofluoromethane	7.92	113	23141	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
50) Toluene-d8	10.34	98	88209	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
62) 4-Bromofluorobenzene	12.64	95	40963	74.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.42%	

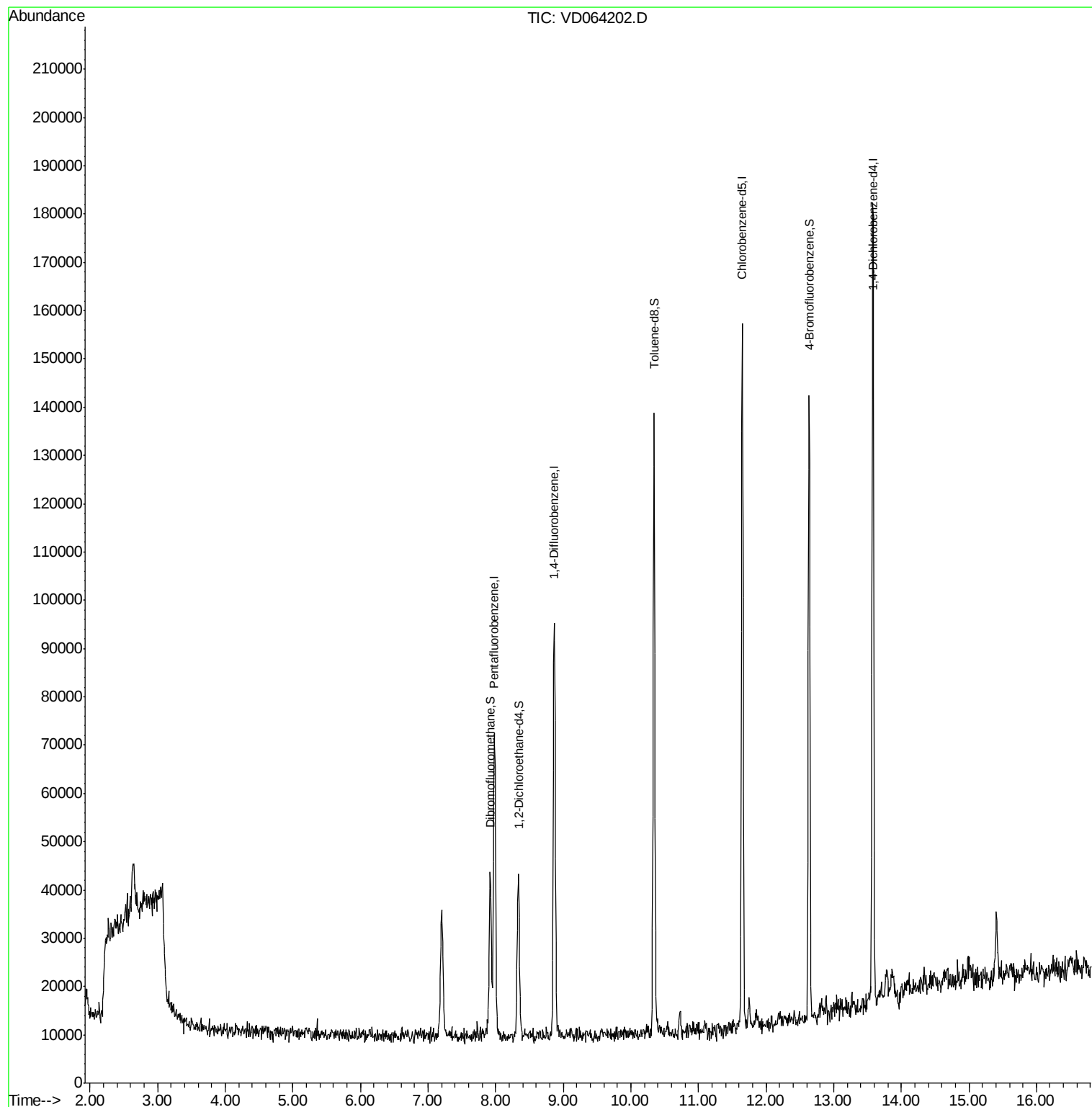
Target Compounds	Qvalue

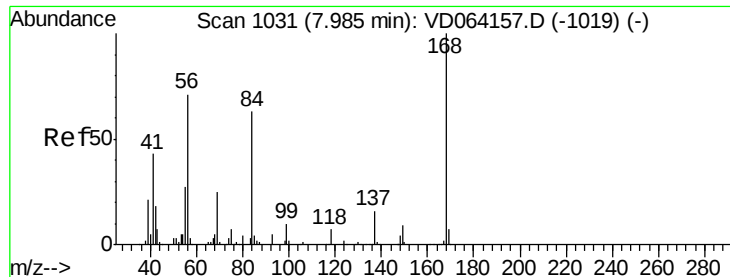
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064202.D

Acq: 12 Nov 2019 18:02

Instrument :

MSVOA_D

ClientSampleId :

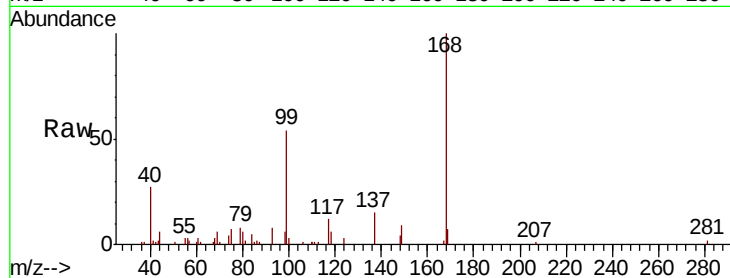
3425RE

Tot Ion:168 Resp: 49745

Ion Ratio Lower Upper

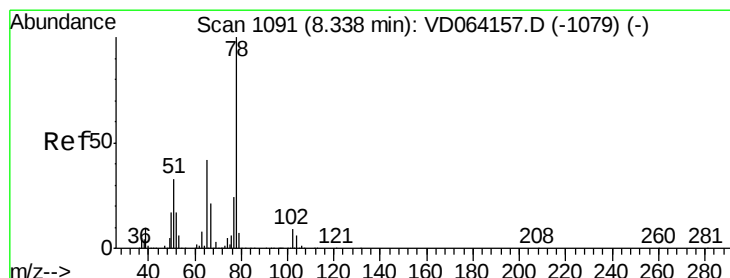
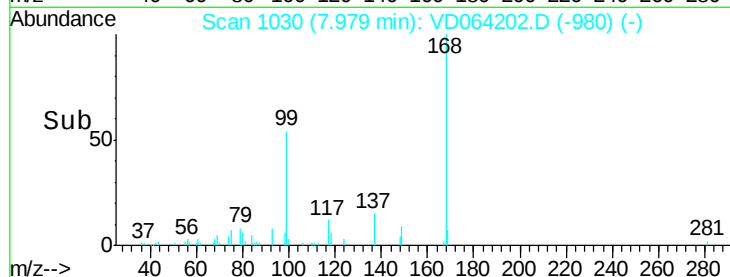
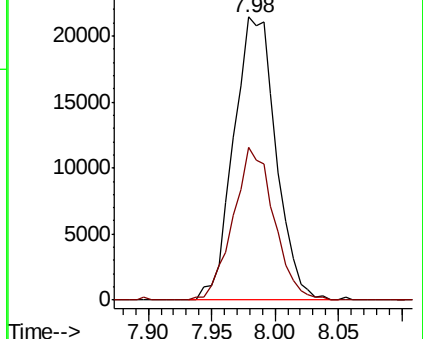
168 100

99 54.0 41.6 62.4



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: 66.090 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064202.D

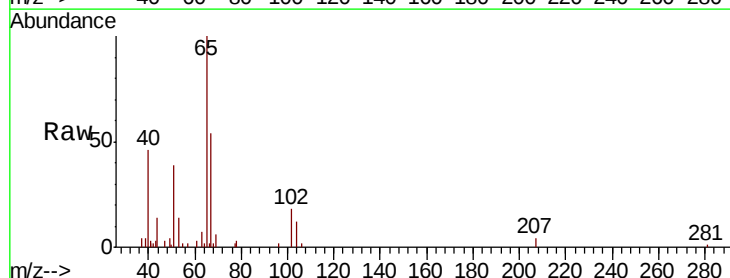
Acq: 12 Nov 2019 18:02

Tgt Ion: 65 Resp: 27039

Ion Ratio Lower Upper

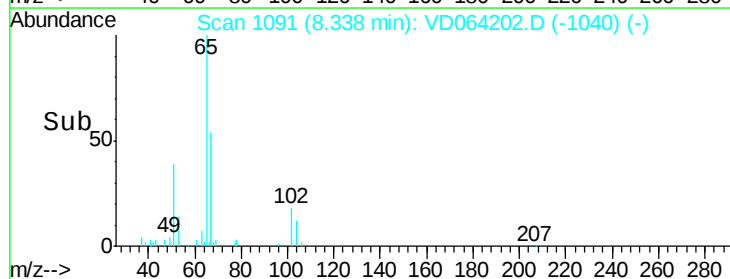
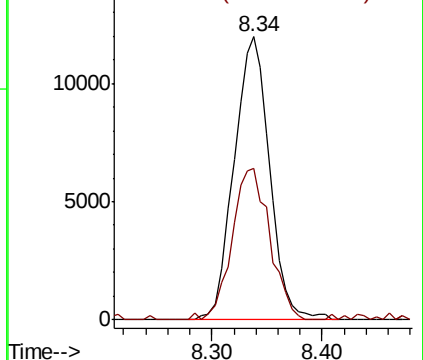
65 100

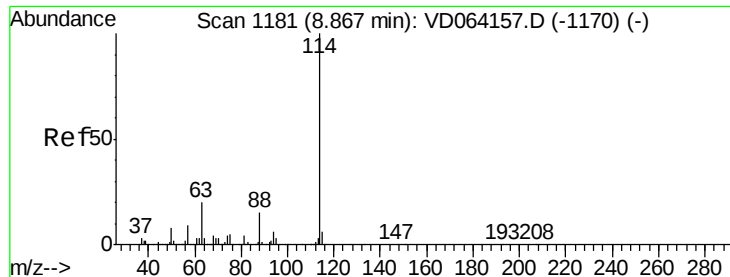
67 56.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

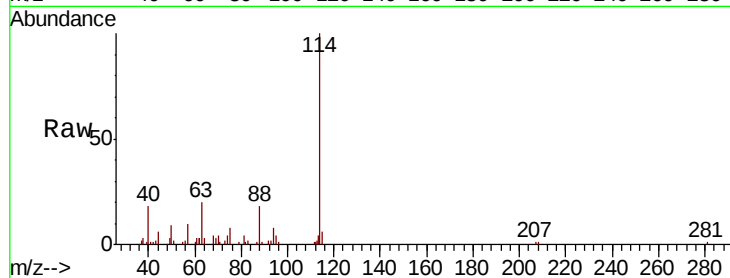




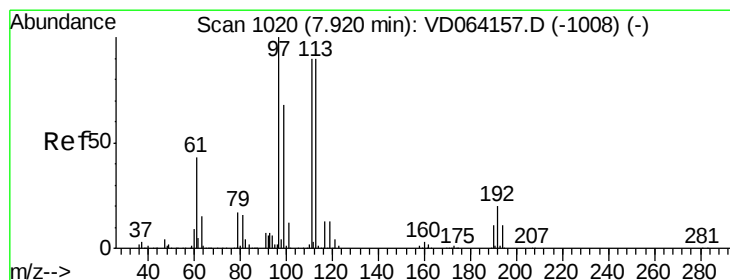
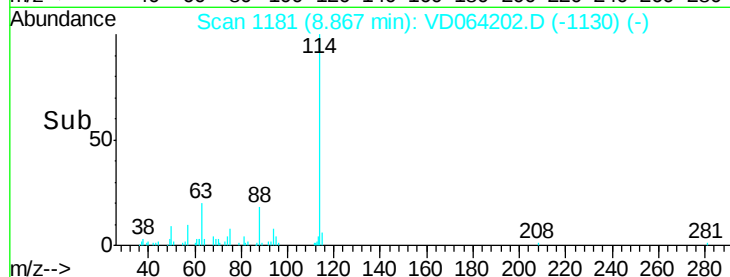
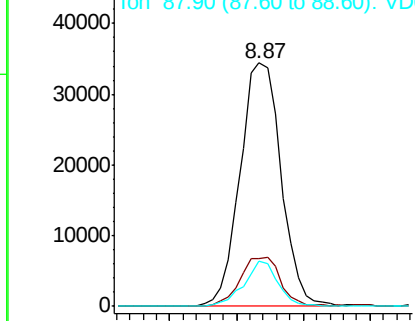
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064202.D
 Acq: 12 Nov 2019 18:02

Instrument :
 MSVOA_D
 ClientSampleId :
 3425RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	18.5	0.0	30.2

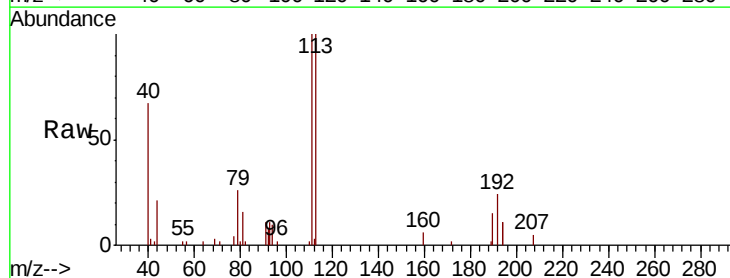


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

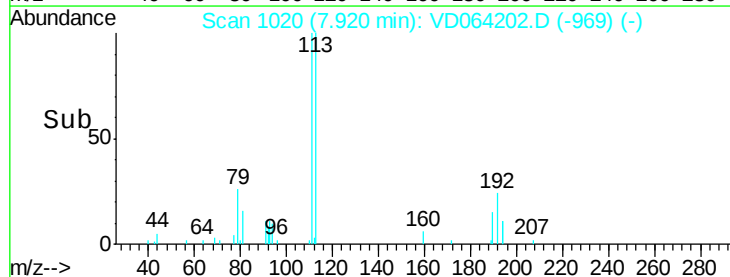
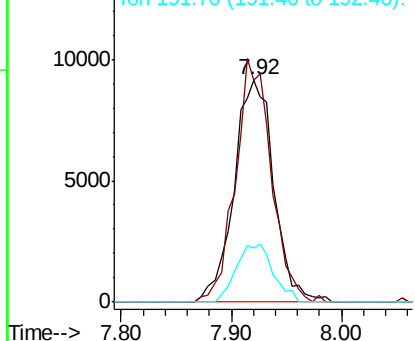


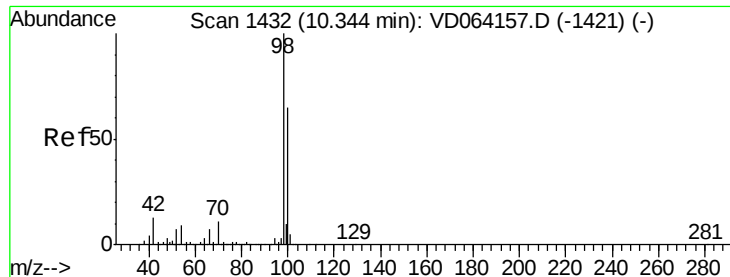
#35
 Dibromofluoromethane
 Concen: 55.138 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064202.D
 Acq: 12 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.7	81.5	122.3
192	24.2	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





#50

Toluene-d8

Concen: 55.714 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064202.D

Acq: 12 Nov 2019 18:02

Instrument :

MSVOA_D

ClientSampled :

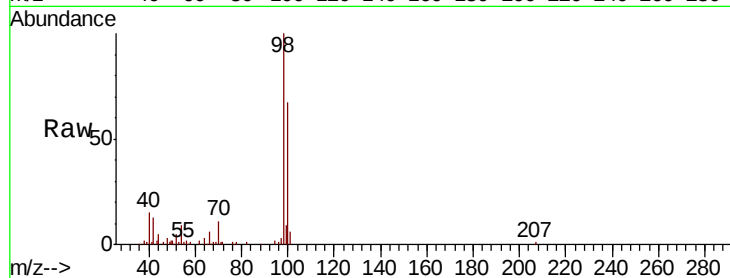
3425RE

Tot Ion: 98 Resp: 88209

Ion Ratio Lower Upper

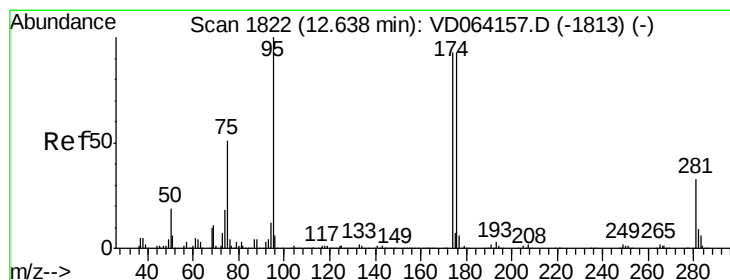
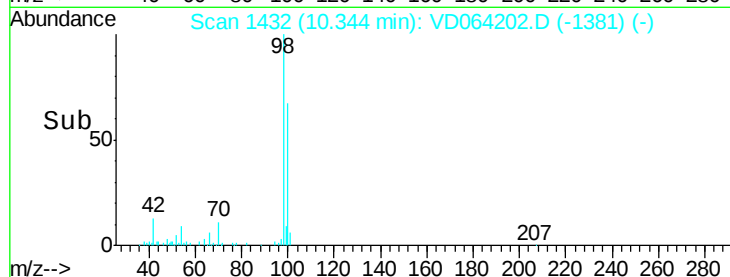
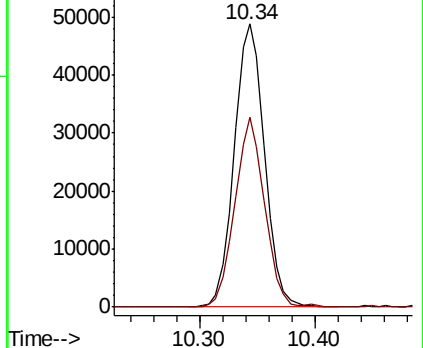
98 100

100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 74.710 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064202.D

Acq: 12 Nov 2019 18:02

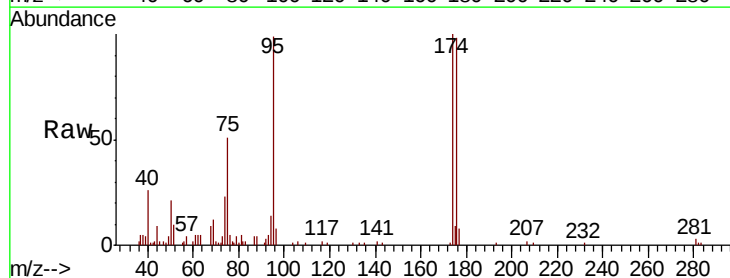
Tgt Ion: 95 Resp: 40963

Ion Ratio Lower Upper

95 100

174 98.5 0.0 183.6

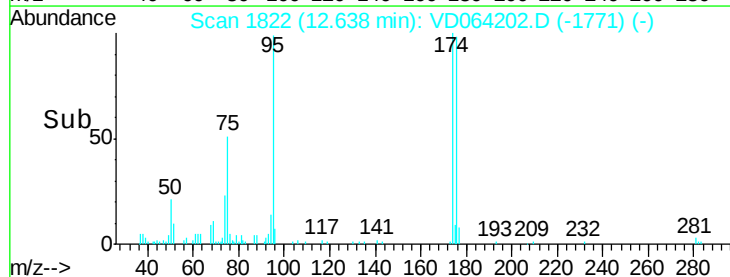
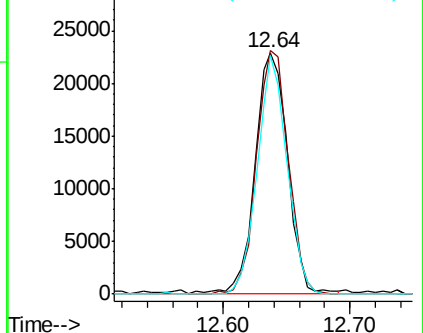
176 90.1 0.0 180.2

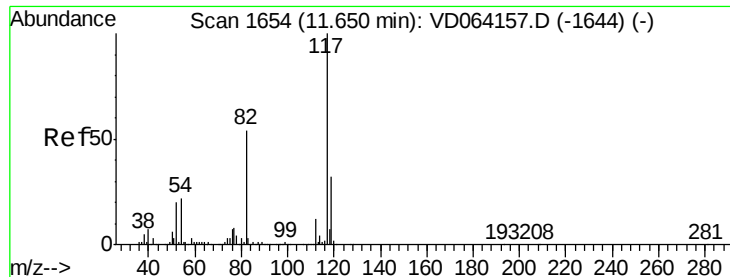


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

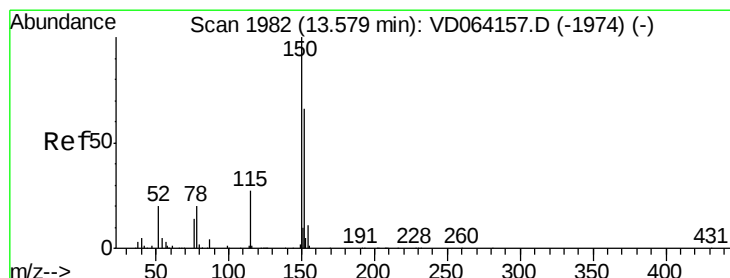
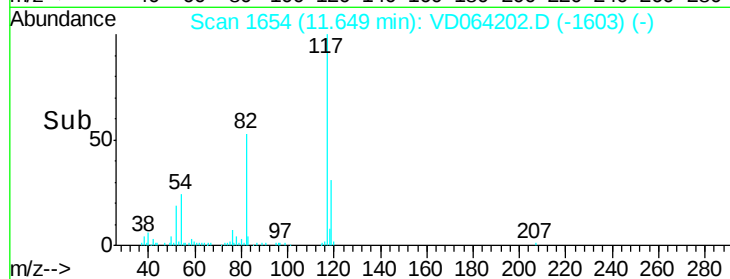
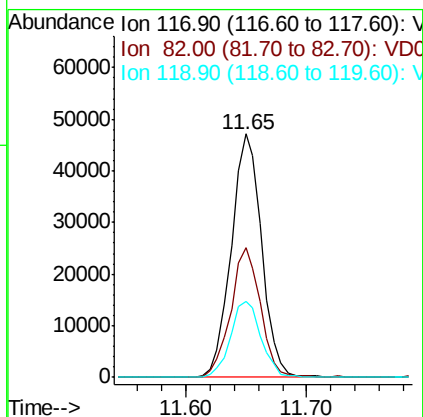
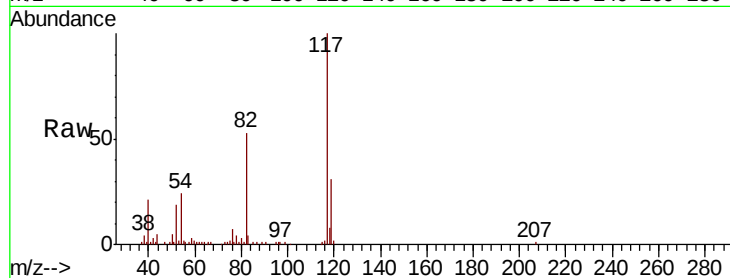




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064202.D
Acq: 12 Nov 2019 18:02

Instrument :
MSVOA_D
ClientSampleId :
3425RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.8	64.2
119	31.4	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064202.D
Acq: 12 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.4	82.2
150	154.4	0.0	351.6

