

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064077.D
 Acq On : 25 Oct 2019 20:48
 Operator : VA/SY
 Sample : K5541-20
 Misc : 7.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 52-77-(1.8)

Quant Time: Oct 26 01:00:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	143261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	254215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	264633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128245	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	77354	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
35) Dibromofluoromethane	7.91	113	79542	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	10.34	98	345263	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
62) 4-Bromofluorobenzene	12.64	95	101791	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	

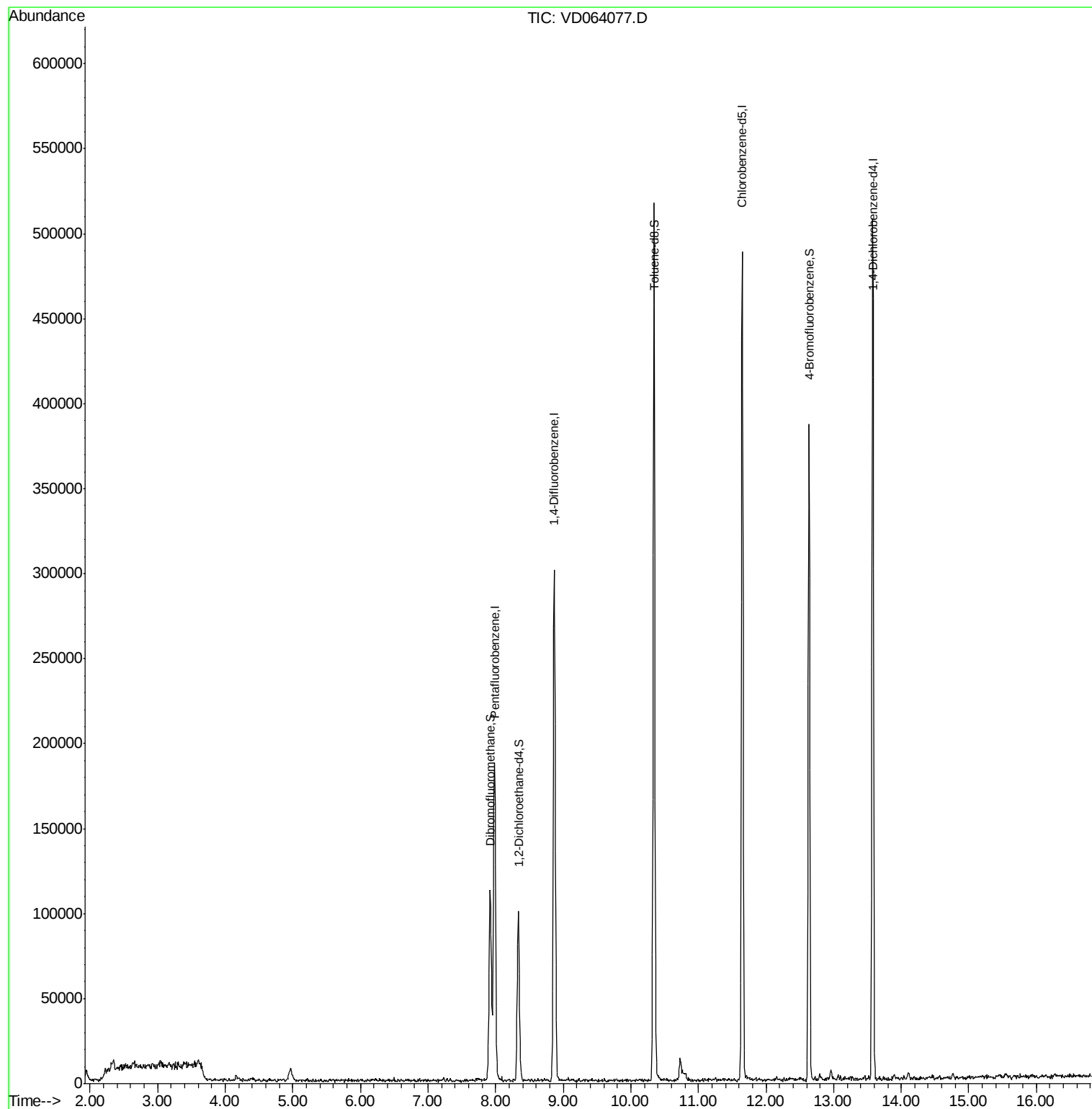
Target Compounds	Qvalue
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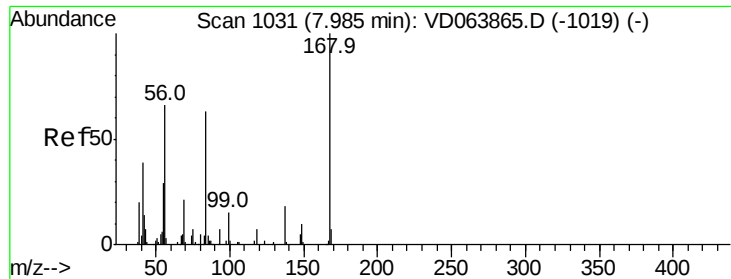
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

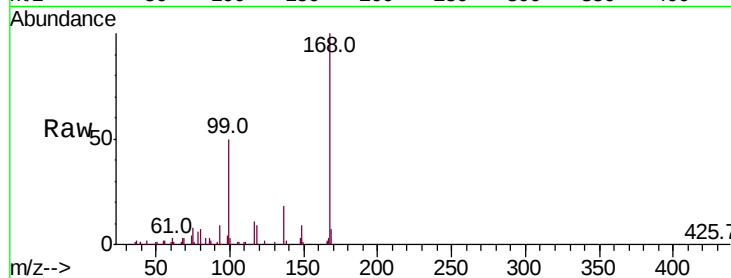
52-77-(1.8)

Tot Ion:168 Resp: 143261

Ion Ratio Lower Upper

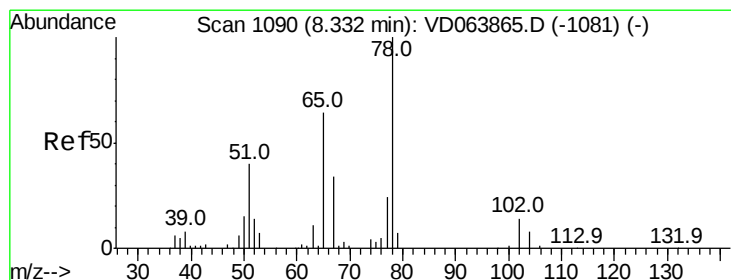
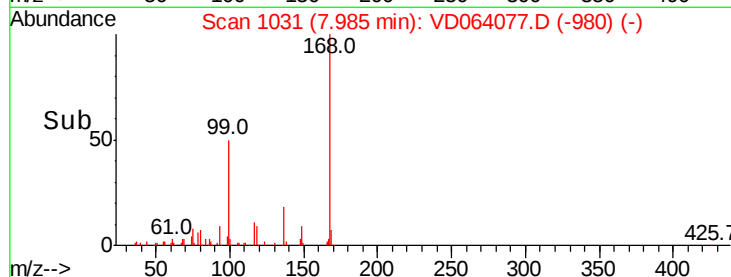
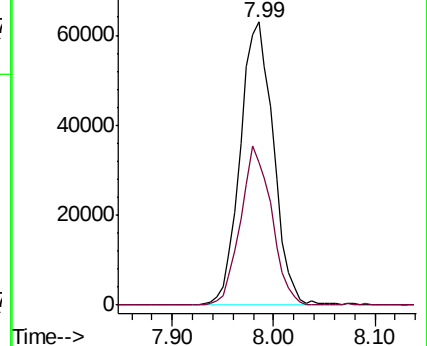
168 100

99 50.5 43.0 64.4



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: 55.461 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064077.D

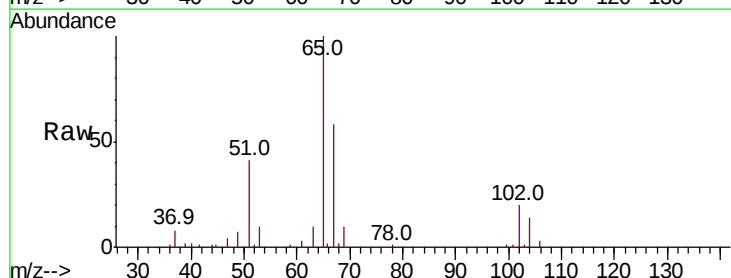
Acq: 25 Oct 2019 20:48

Tgt Ion: 65 Resp: 77354

Ion Ratio Lower Upper

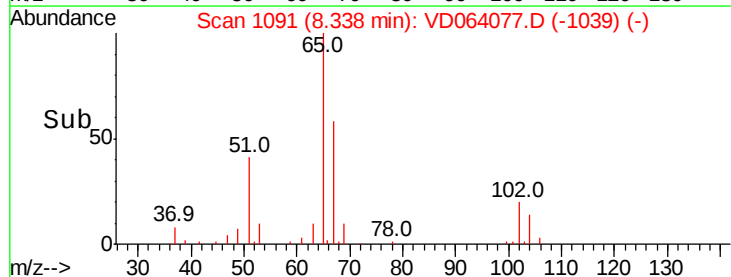
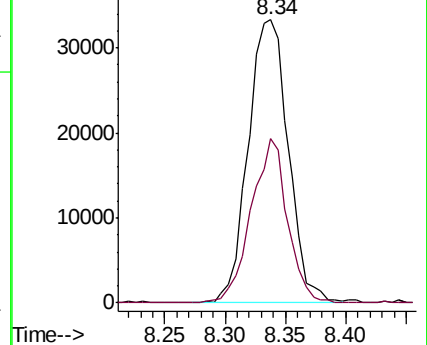
65 100

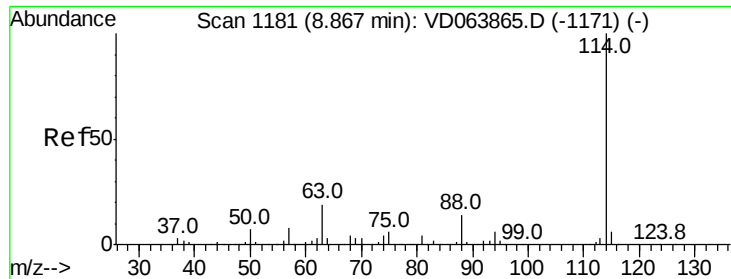
67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

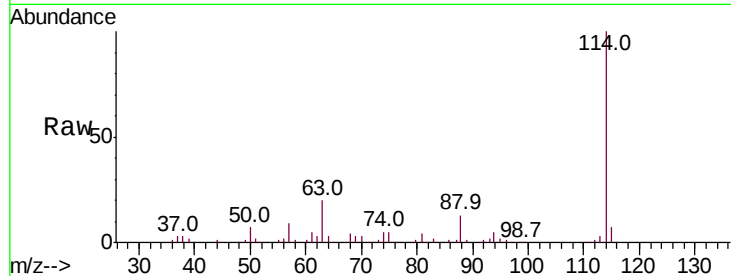




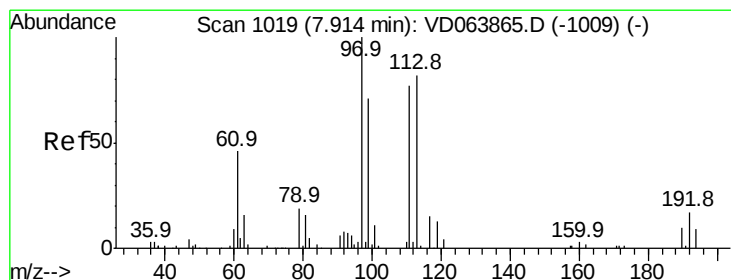
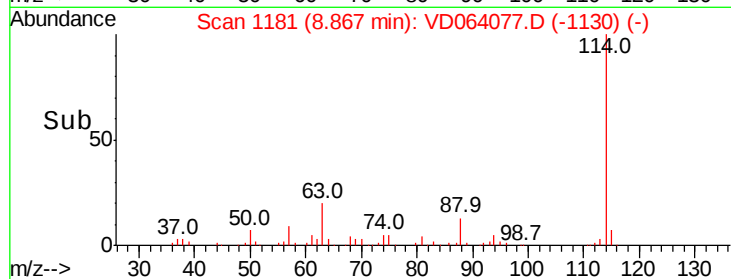
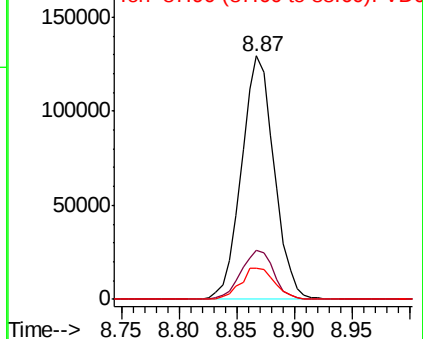
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064077.D
 Acq: 25 Oct 2019 20:48

Instrument :
 MSVOA_D
 ClientSampleId :
 52-77-(1.8)

Tot Ion:	114	Resp:	254215
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	12.7	0.0	27.4

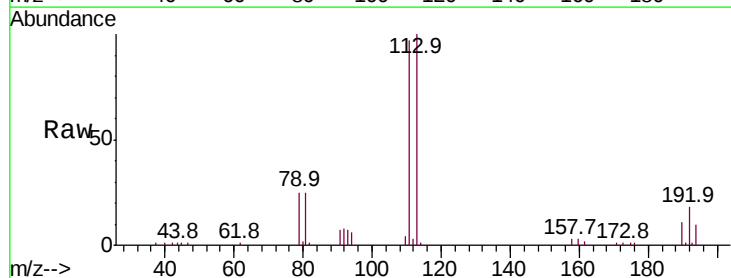


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

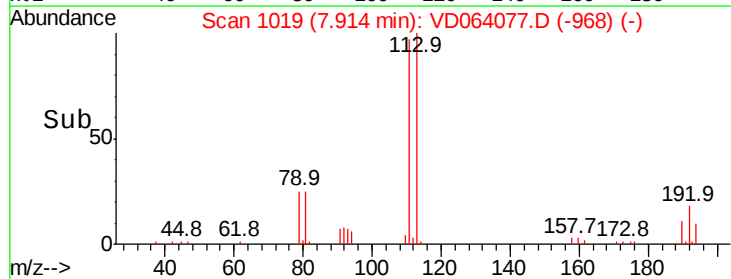
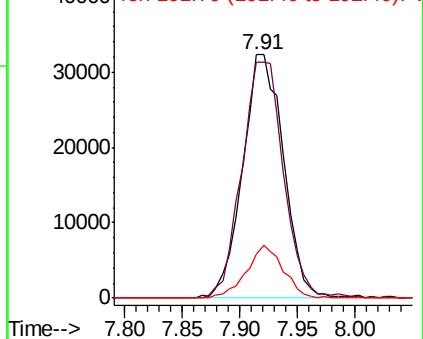


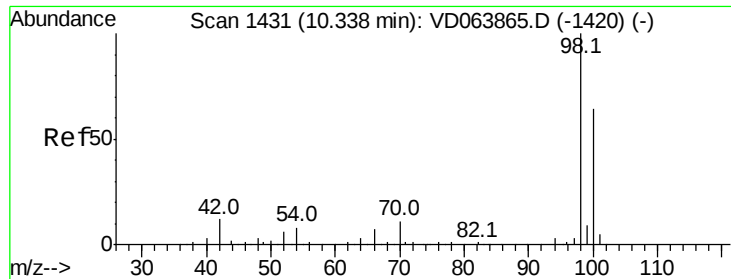
#35
 Dibromofluoromethane
 Concen: 51.199 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD064077.D
 Acq: 25 Oct 2019 20:48

Tgt Ion:	113	Resp:	79542
Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.6	123.8
192	19.4	17.1	25.7



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: 54.754 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064077.D

Acq: 25 Oct 2019 20:48

Instrument :

MSVOA_D

ClientSampleId :

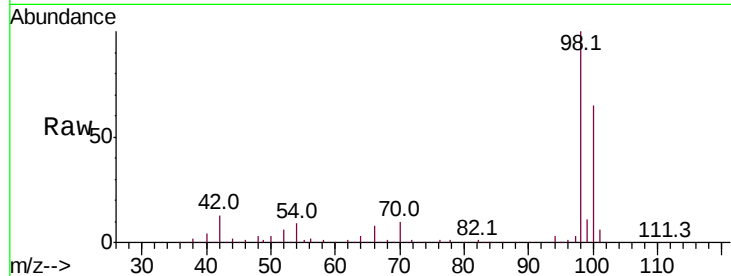
52-77-(1.8)

Tot Ion: 98 Resp: 345263

Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

150000

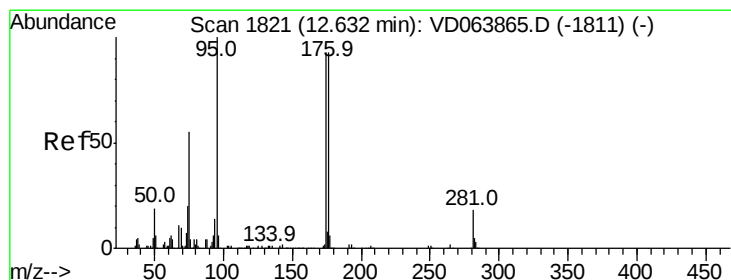
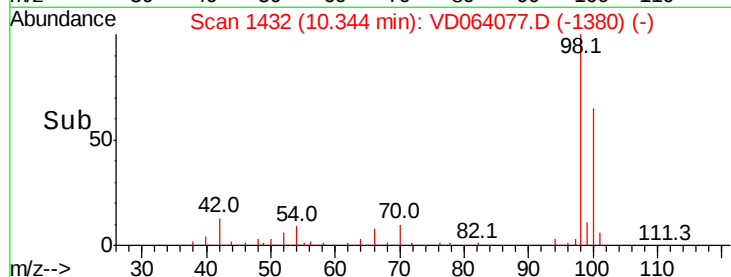
100000

50000

0

10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 46.453 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064077.D

Acq: 25 Oct 2019 20:48

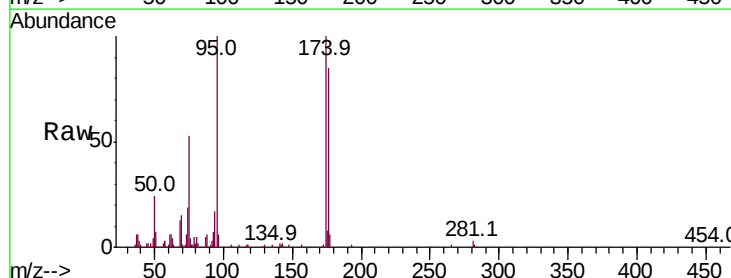
Tgt Ion: 95 Resp: 101791

Ion Ratio Lower Upper

95 100

174 97.0 0.0 186.4

176 90.4 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

80000

60000

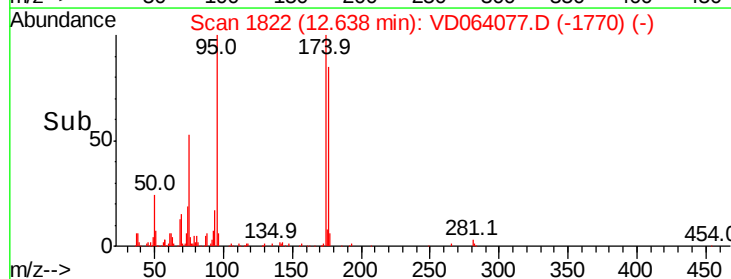
40000

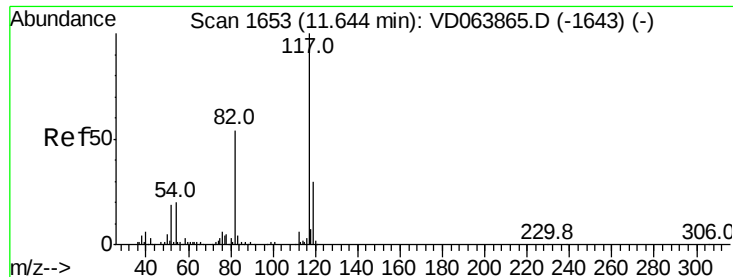
20000

0

12.55 12.60 12.65 12.70

Time-->

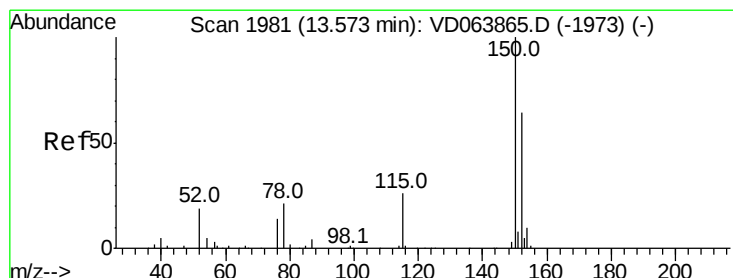
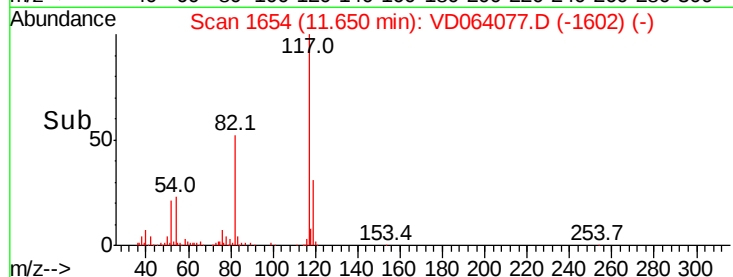
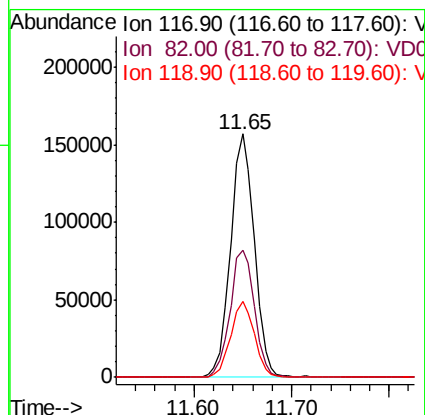
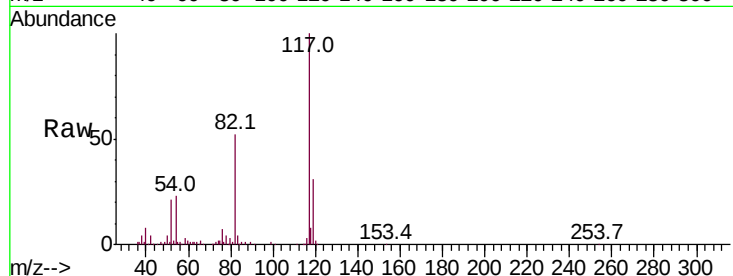




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064077.D
Acq: 25 Oct 2019 20:48

Instrument :
MSVOA_D
ClientSampleId :
52-77-(1.8)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.8	64.2
119	31.3	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064077.D
Acq: 25 Oct 2019 20:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	25.9	77.7
150	157.9	0.0	344.2

