

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064028.D
 Acq On : 23 Oct 2019 18:40
 Operator : VA/SY
 Sample : K5497-16
 Misc : 6.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 166-42-(1)

Quant Time: Oct 24 06:54:17 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	7.98	168	135167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	266180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	271625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	114493	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	84518	64.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.46%	
35) Dibromofluoromethane	7.93	113	83974	51.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.24%	
50) Toluene-d8	10.34	98	369794	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
62) 4-Bromofluorobenzene	12.63	95	101763	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	

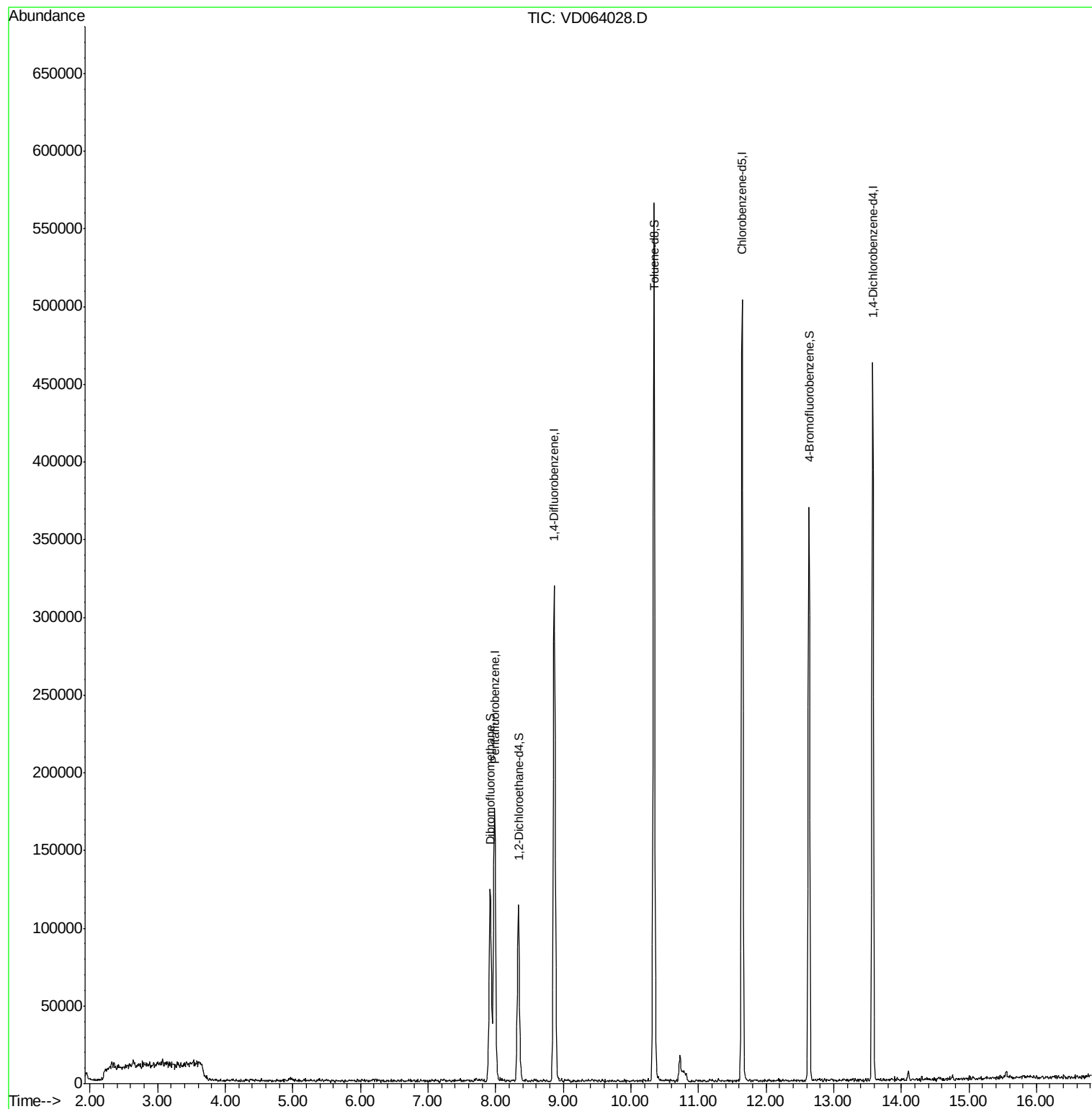
Target Compounds	Qvalue
------------------	--------

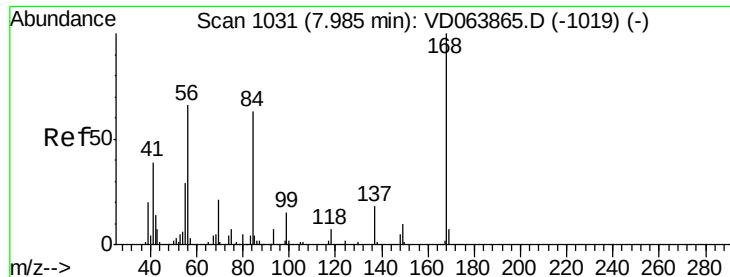
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102319\
Data File : VD064028.D
Acq On : 23 Oct 2019 18:40
Operator : VA/SY
Sample : K5497-16
Misc : 6.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
166-42-(1)

Quant Time: Oct 24 06:54:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064028.D

Acq: 23 Oct 2019 18:40

Instrument :

MSVOA_D

ClientSampleId :

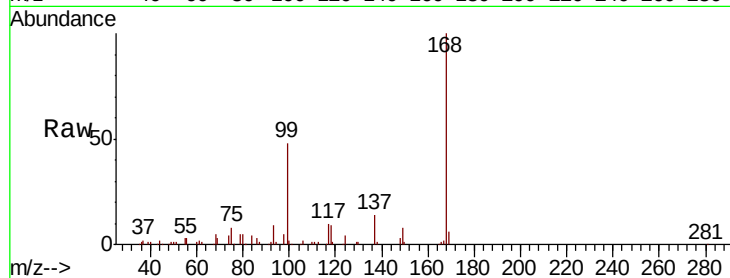
166-42-(1)

Tot Ion:168 Resp: 135167

Ion Ratio Lower Upper

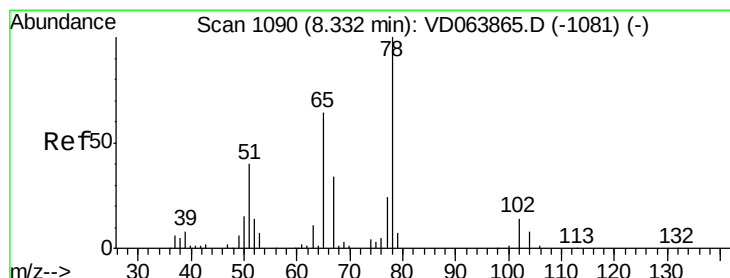
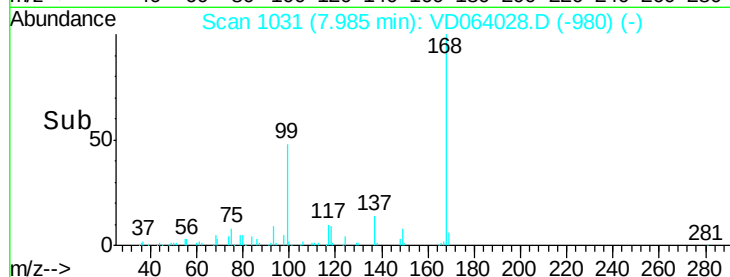
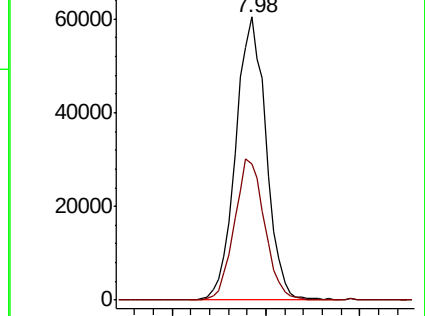
168 100

99 48.3 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: 64.226 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064028.D

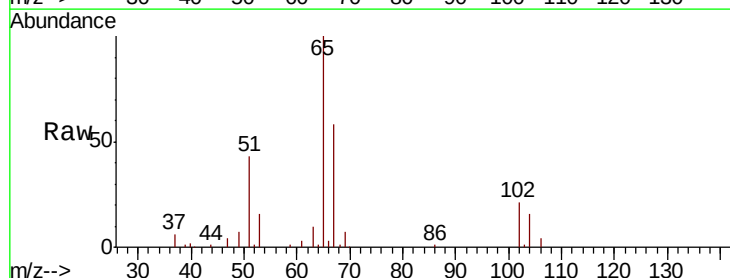
Acq: 23 Oct 2019 18:40

Tgt Ion: 65 Resp: 84518

Ion Ratio Lower Upper

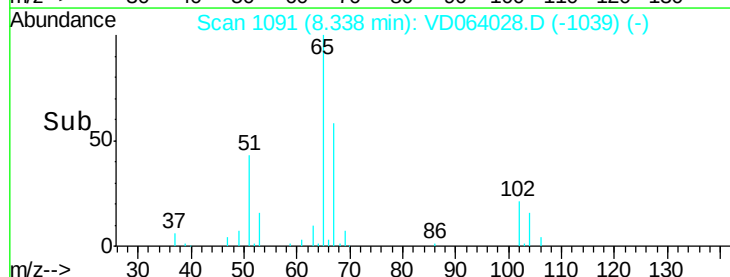
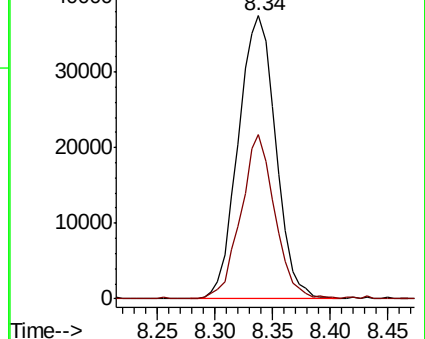
65 100

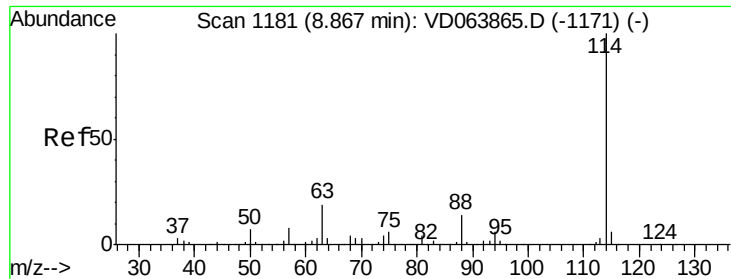
67 52.7 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

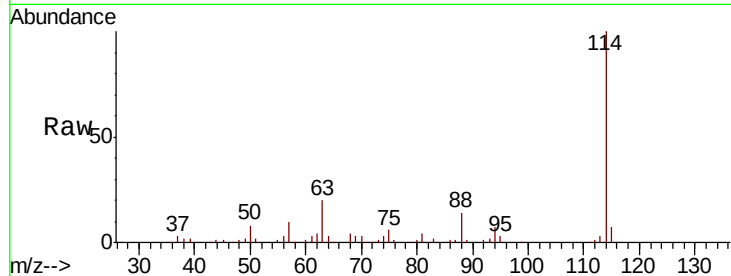




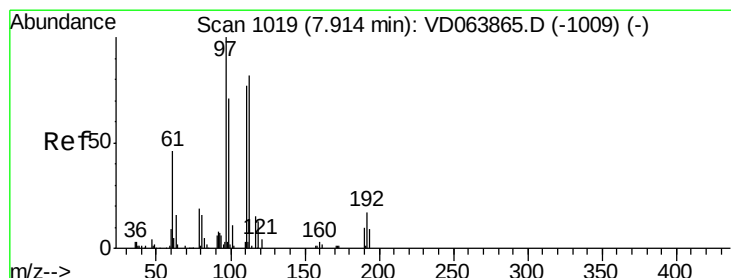
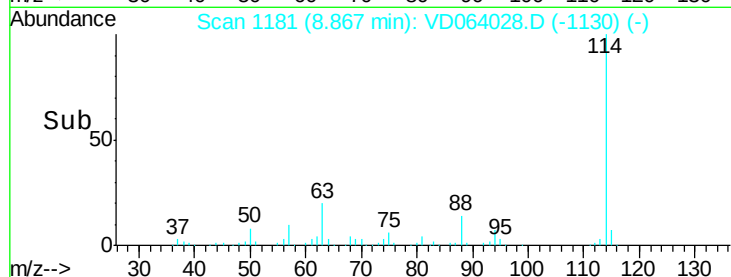
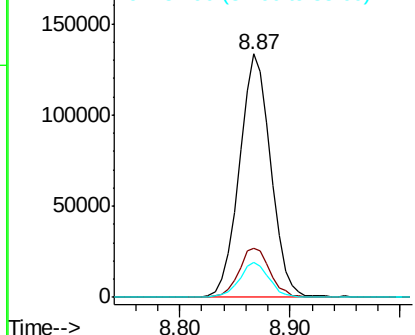
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064028.D
 Acq: 23 Oct 2019 18:40

Instrument :
 MSVOA_D
 ClientSampleId :
 166-42-(1)

Tot Ion:114 Resp: 266180
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 14.4 0.0 27.4

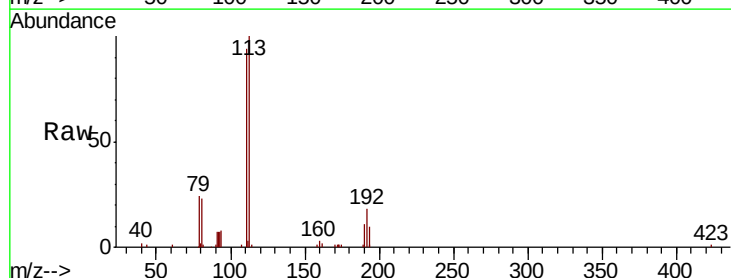


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

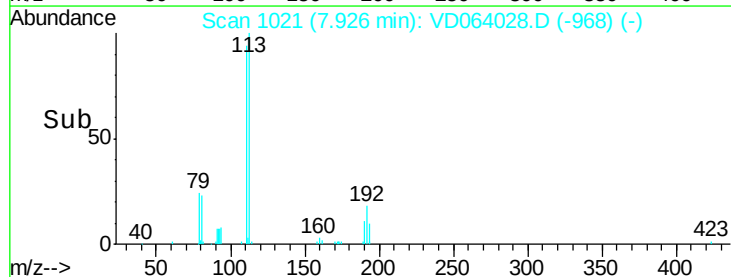
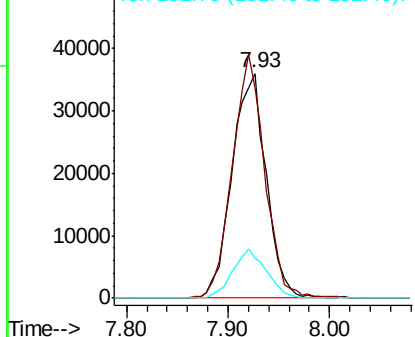


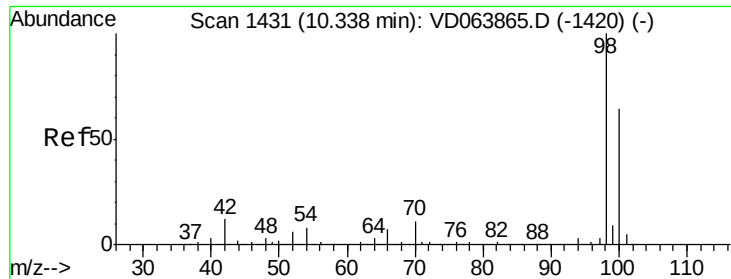
#35
 Dibromofluoromethane
 Concen: 51.622 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD064028.D
 Acq: 23 Oct 2019 18:40

Tgt Ion:113 Resp: 83974
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 21.3 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: 56.008 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064028.D

Acq: 23 Oct 2019 18:40

Instrument :

MSVOA_D

ClientSampleId :

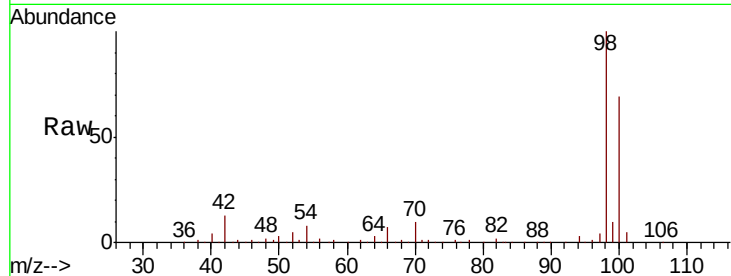
166-42-(1)

Tot Ion: 98 Resp: 369794

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

250000

200000

150000

100000

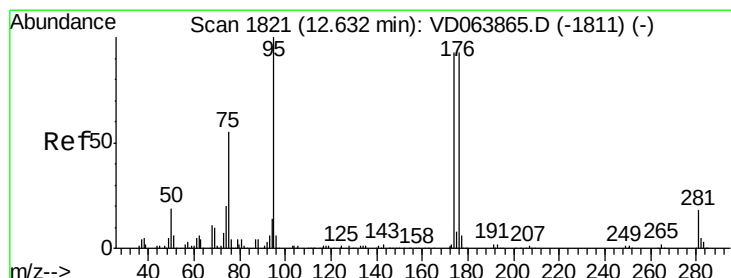
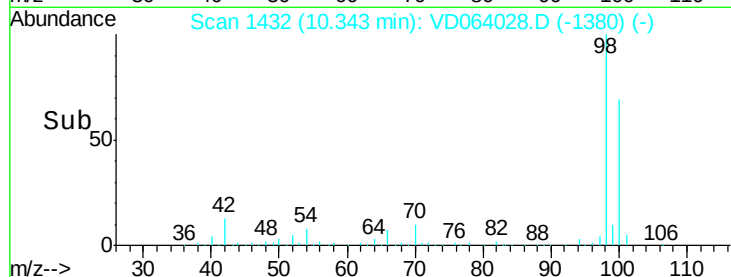
50000

0

10.30

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 44.353 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD064028.D

Acq: 23 Oct 2019 18:40

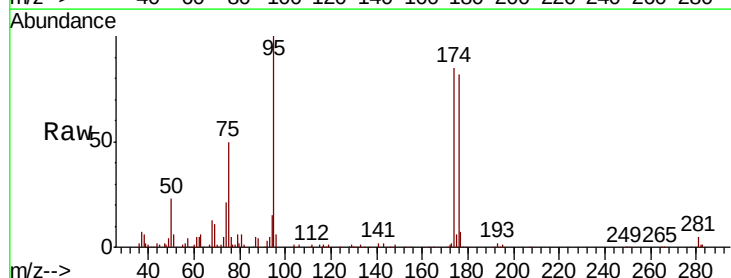
Tgt Ion: 95 Resp: 101763

Ion Ratio Lower Upper

95 100

174 94.5 0.0 186.4

176 91.0 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

80000

60000

40000

20000

0

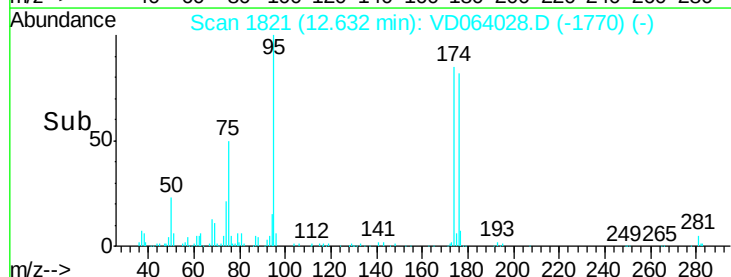
12.55

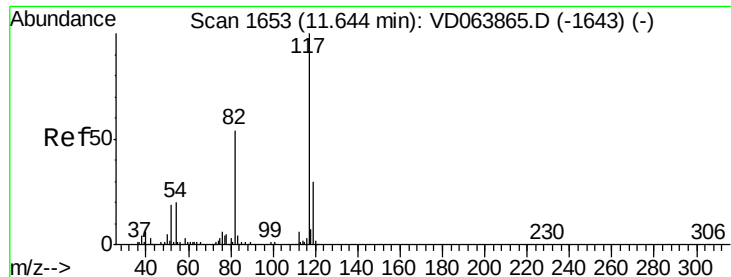
12.60

12.65

12.70

Time-->

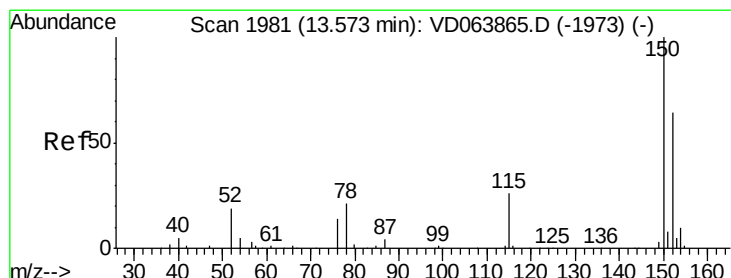
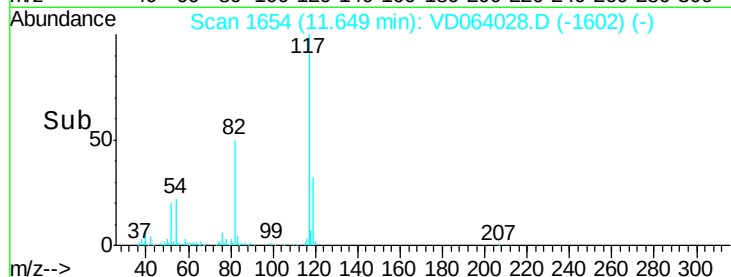
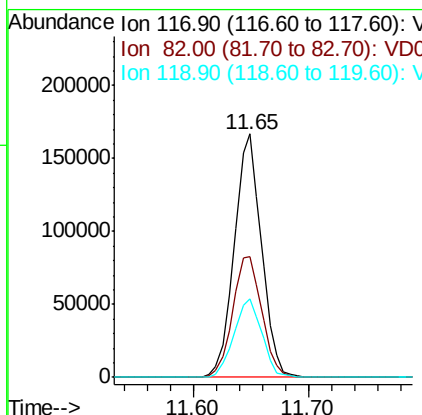
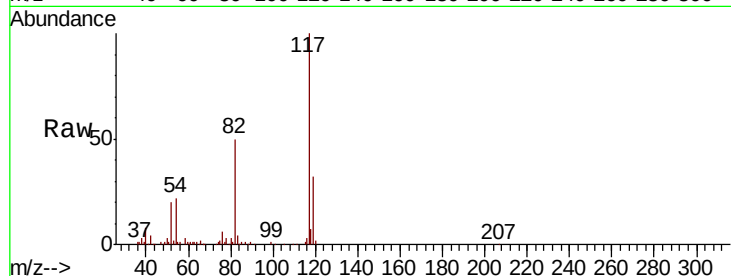




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064028.D
Acq: 23 Oct 2019 18:40

Instrument :
MSVOA_D
ClientSampleId :
166-42-(1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.8	64.2
119	32.0	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: VD064028.D
Acq: 23 Oct 2019 18:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	25.9	77.7
150	156.7	0.0	344.2

