

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066295.D
 Acq On : 19 Aug 2020 01:19
 Operator : VA/SY
 Sample : VD0818SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL02

Quant Time: Aug 19 08:18:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	217092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	335253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	315447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152650	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117552	60.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.38%	
35) Dibromofluoromethane	7.91	113	114538	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.34	98	396505	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.63	95	138326	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	

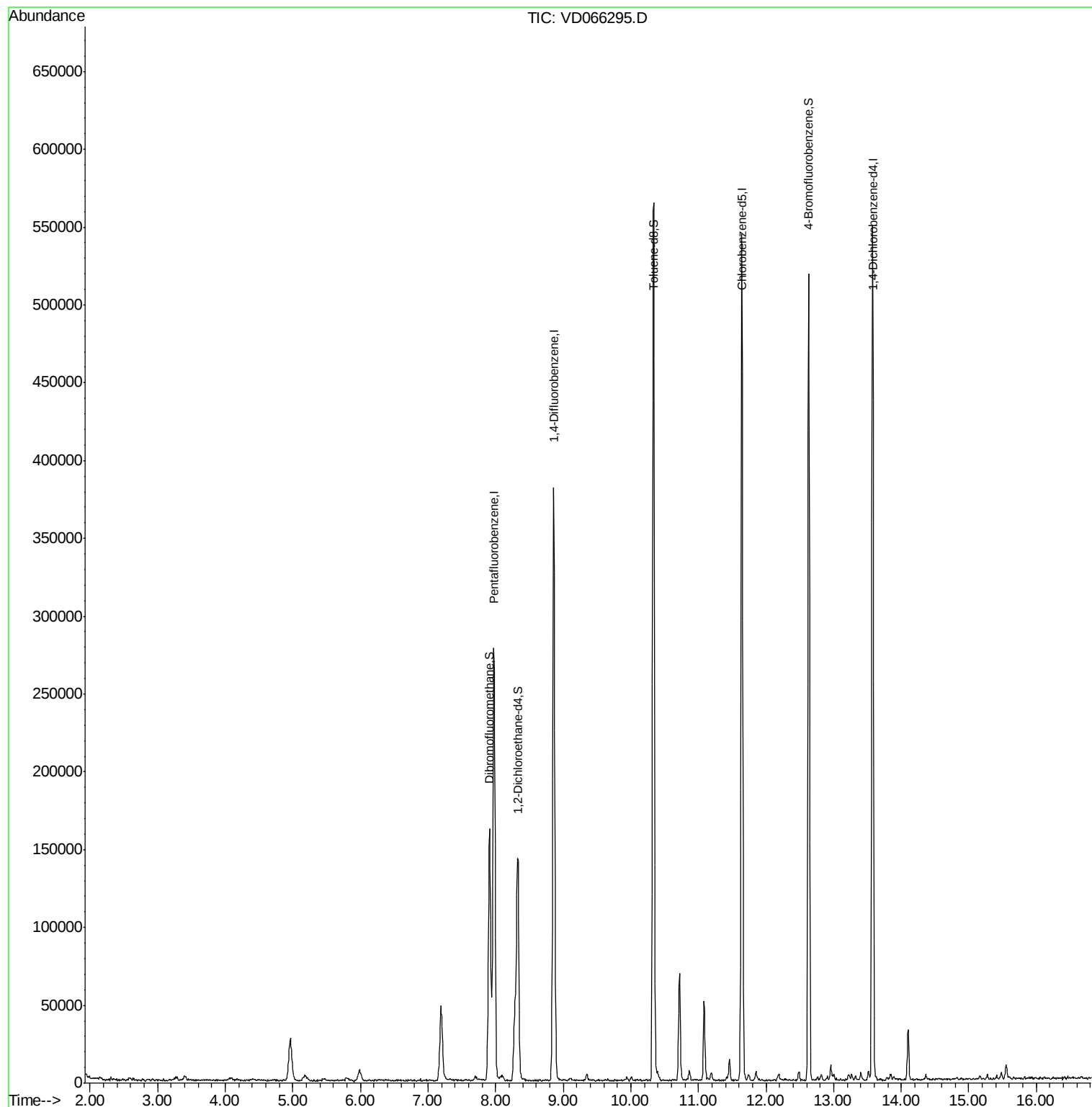
Target Compounds	Qvalue

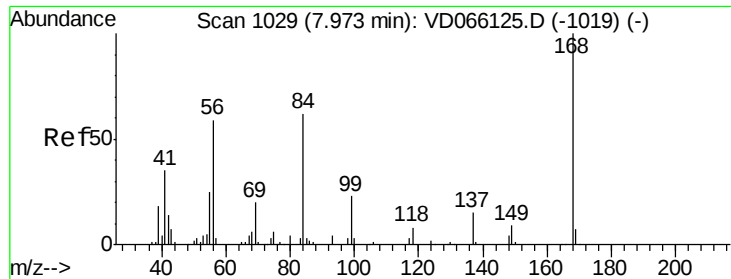
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066295.D

Acq: 19 Aug 2020 01:19

Instrument :

MSVOA_D

ClientSampleId :

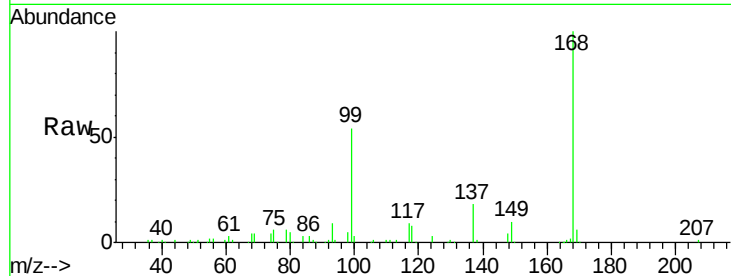
VD0818SBL02

Tot Ion:168 Resp: 217092

Ion Ratio Lower Upper

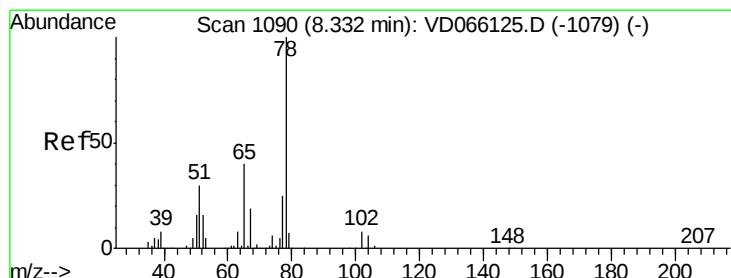
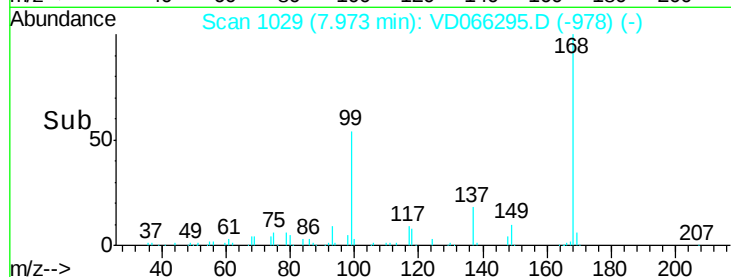
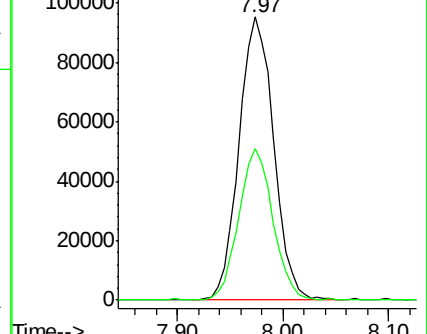
168 100

99 53.4 42.2 63.4



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: 60.694 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066295.D

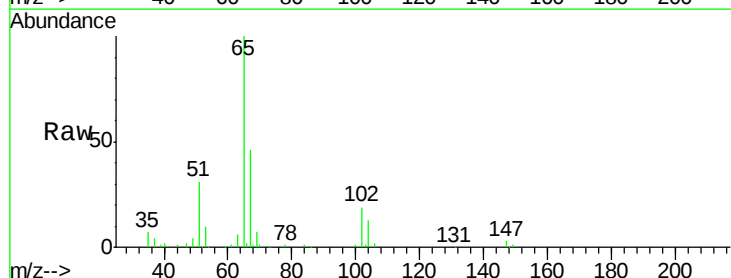
Acq: 19 Aug 2020 01:19

Tgt Ion: 65 Resp: 117552

Ion Ratio Lower Upper

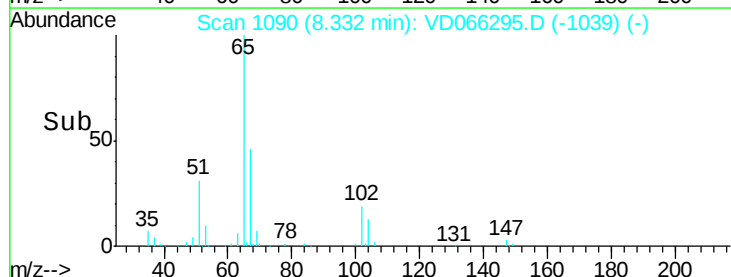
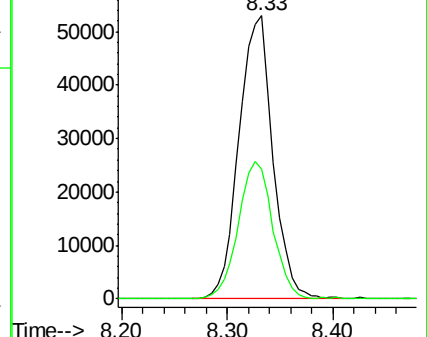
65 100

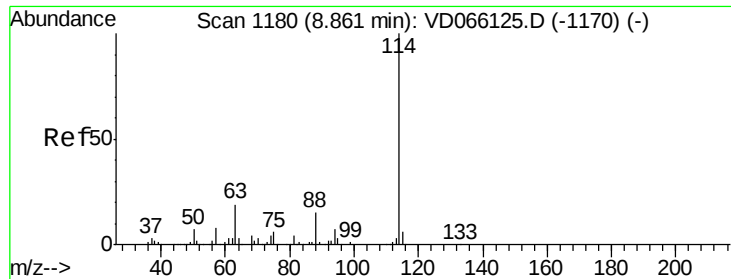
67 49.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

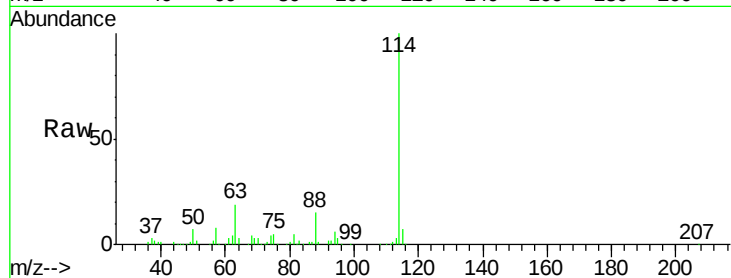




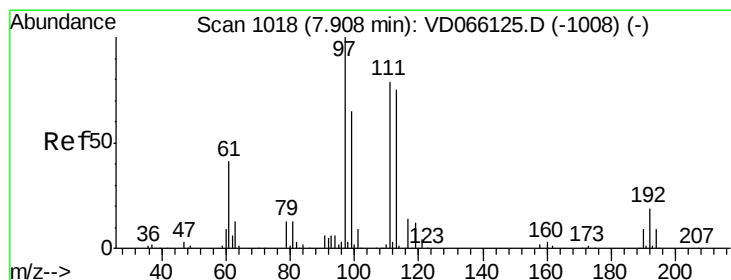
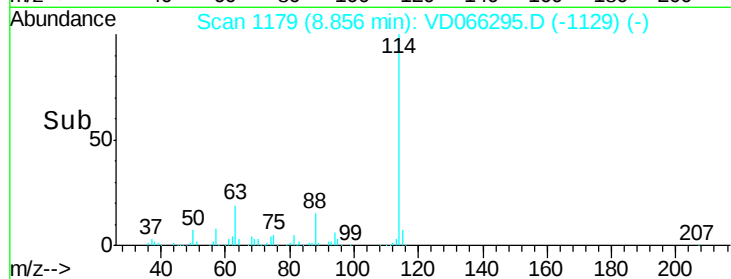
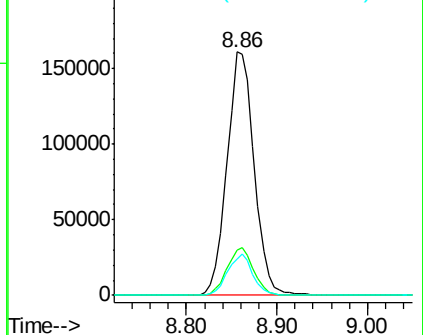
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL02

Tot Ion:114	Resp:	335253
Ion Ratio	Lower	Upper
114 100		
63 18.5	0.0	38.6
88 15.0	0.0	30.0

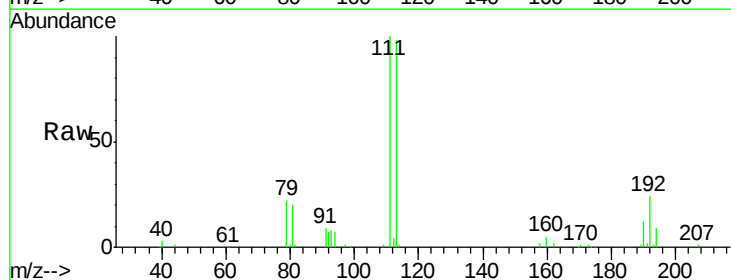


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

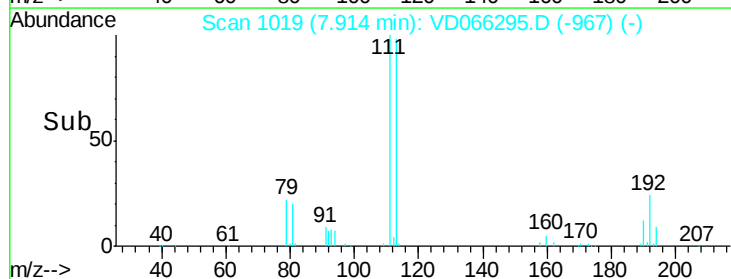
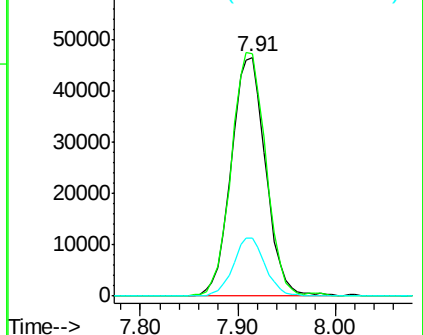


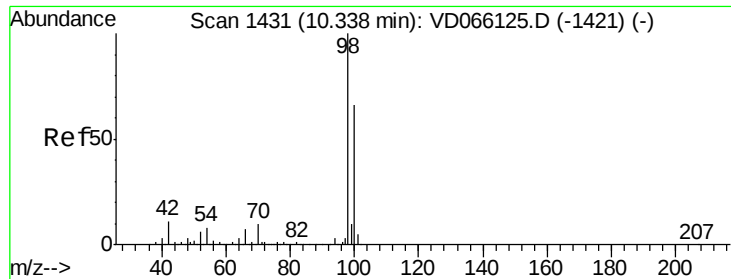
#35
 Dibromofluoromethane
 Concen: 53.931 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066295.D
 Acq: 19 Aug 2020 01:19

Tgt Ion:113	Resp:	114538
Ion Ratio	Lower	Upper
113 100		
111 101.8	80.7	121.1
192 22.8	18.4	27.6



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: 50.592 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066295.D

Acq: 19 Aug 2020 01:19

Instrument :

MSVOA_D

ClientSampleId :

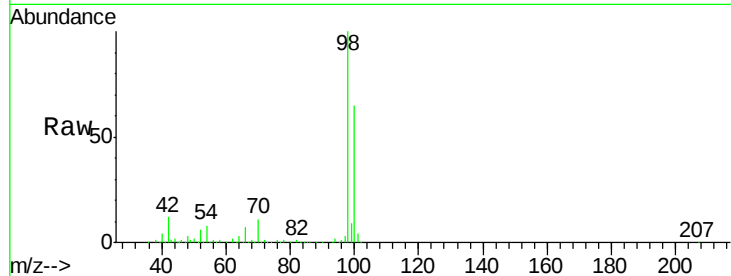
VD0818SBL02

Tot Ion: 98 Resp: 396505

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

200000

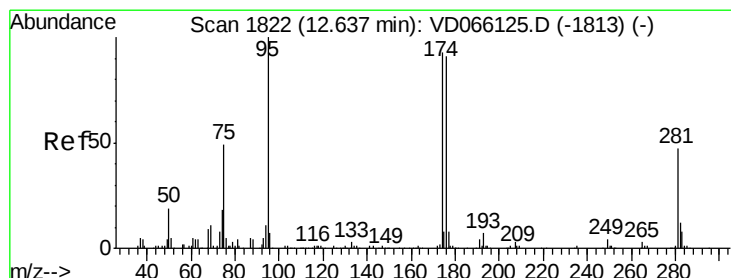
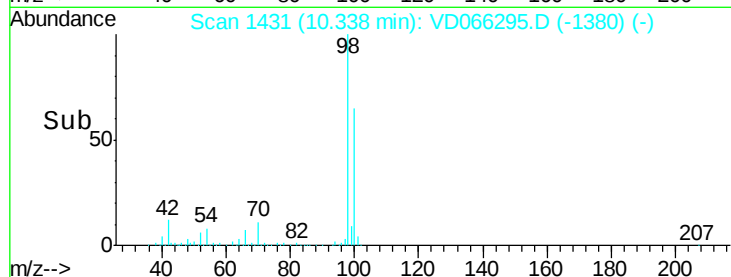
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 48.964 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066295.D

Acq: 19 Aug 2020 01:19

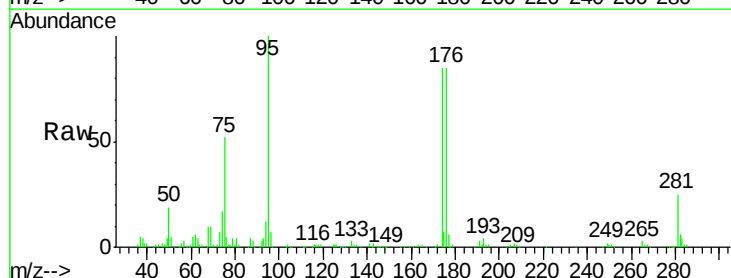
Tgt Ion: 95 Resp: 138326

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.8

176 89.7 0.0 181.2



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

12.63

120000

100000

80000

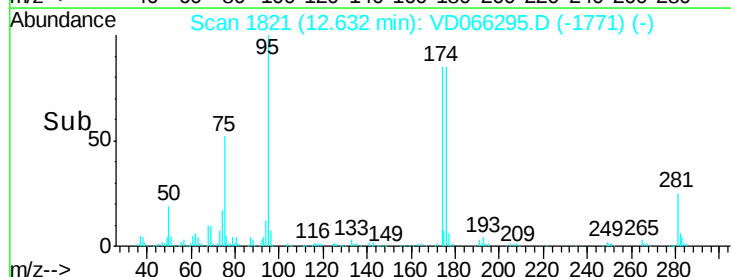
60000

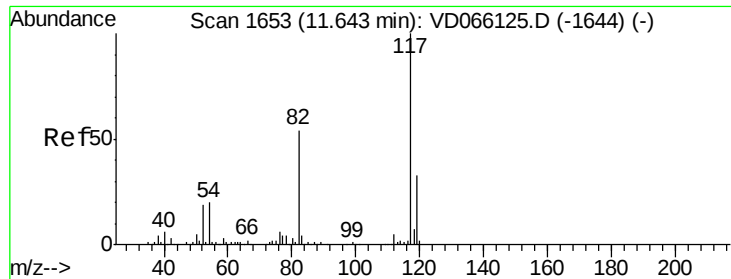
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

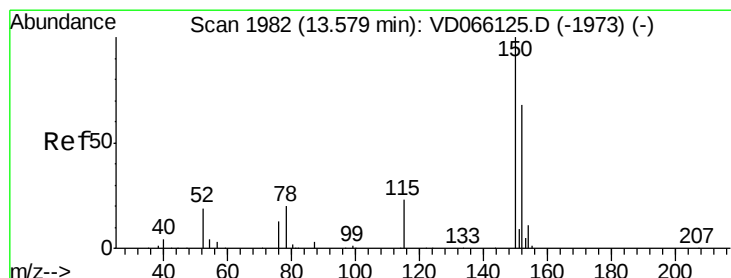
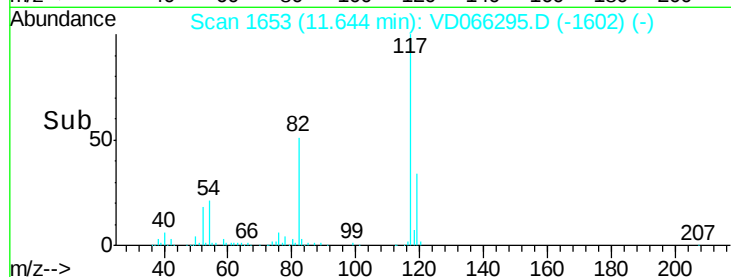
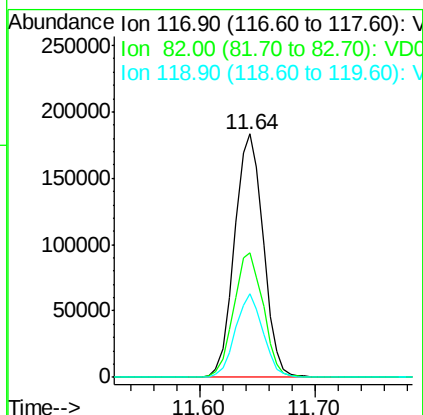
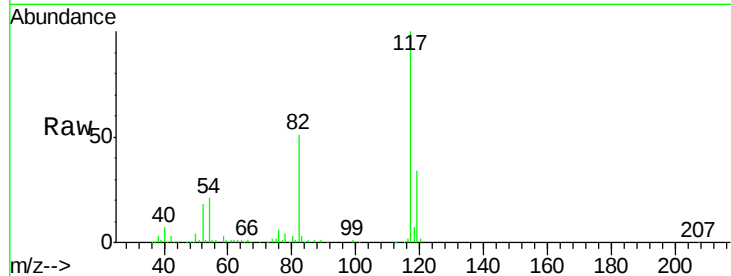




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066295.D
Acq: 19 Aug 2020 01:19

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	43.0	64.4
119	34.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066295.D
Acq: 19 Aug 2020 01:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	83.9
150	157.8	0.0	346.4

