

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066943.D
 Acq On : 29 Sep 2020 17:15
 Operator : VA/SY
 Sample : L4172-13
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8(11-13)

Quant Time: Sep 30 03:48:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	410254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	685117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	726427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	351597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	194475	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	7.91	113	212748	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.34	98	835939	56.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.63	95	317552	62.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.92%	

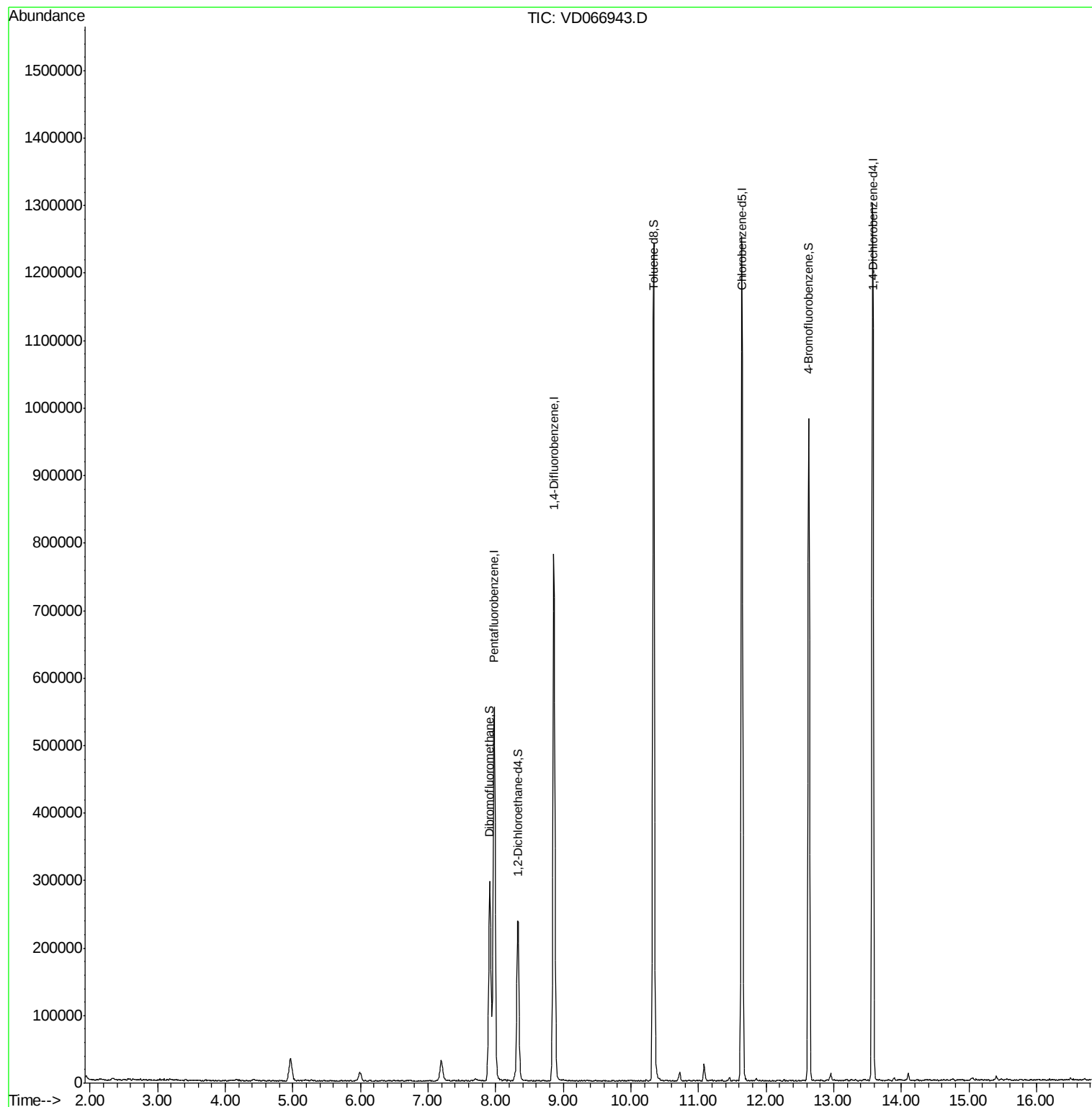
Target Compounds	Qvalue

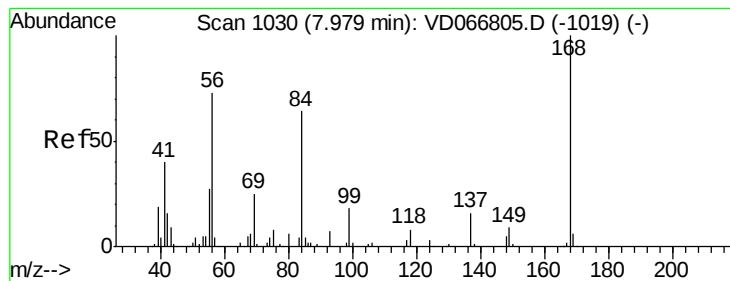
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066943.D

Acq: 29 Sep 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

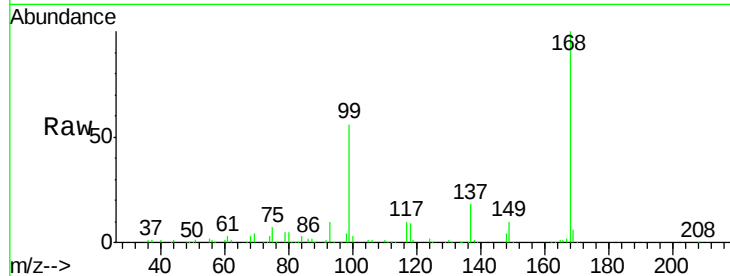
B-8(11-13)

Tot Ion:168 Resp: 410254

Ion Ratio Lower Upper

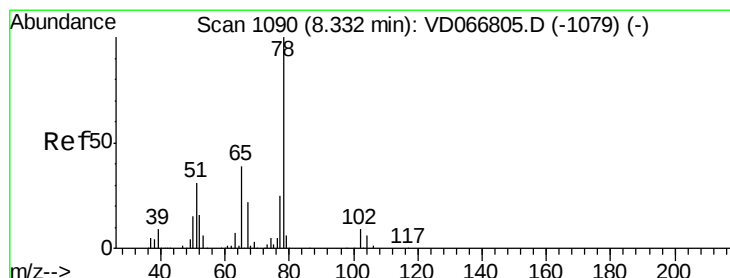
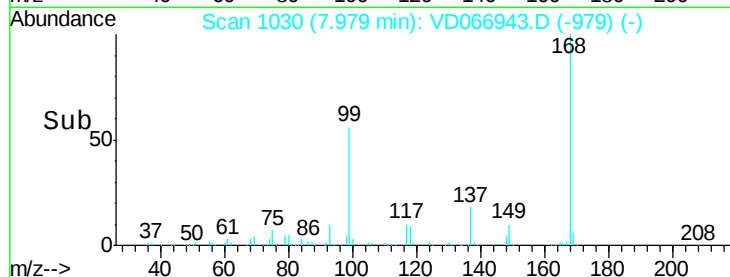
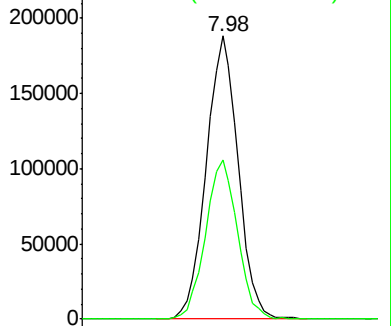
168 100

99 56.3 46.6 69.8



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: 48.432 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066943.D

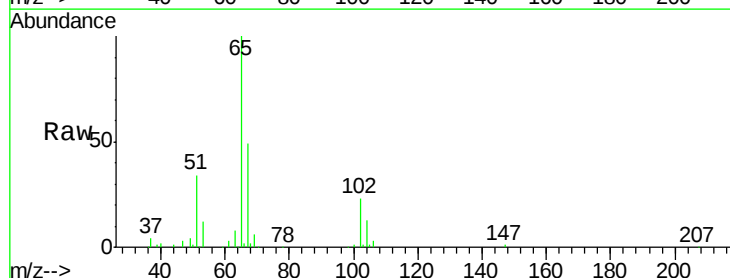
Acq: 29 Sep 2020 17:15

Tgt Ion: 65 Resp: 194475

Ion Ratio Lower Upper

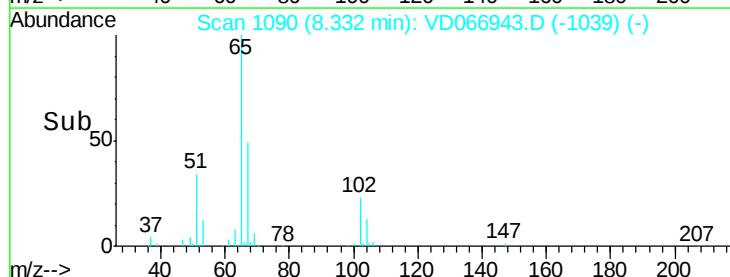
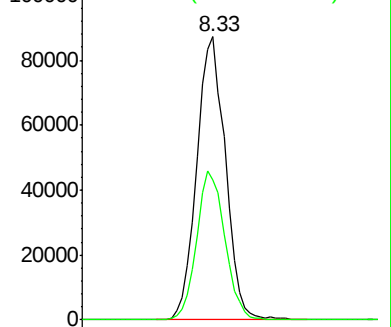
65 100

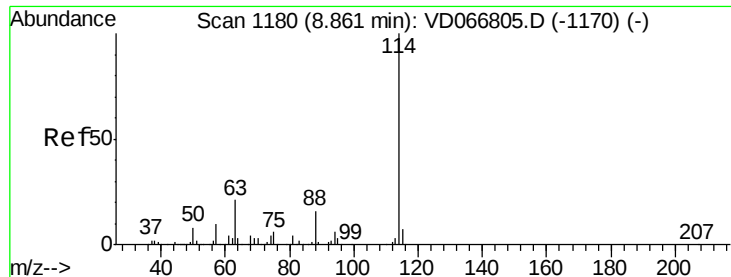
67 51.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

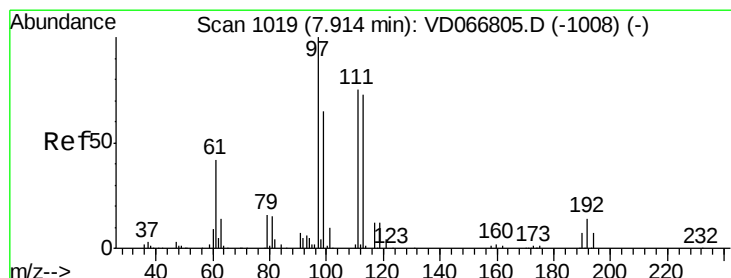
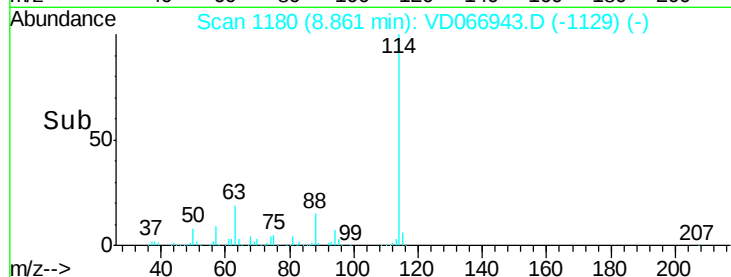
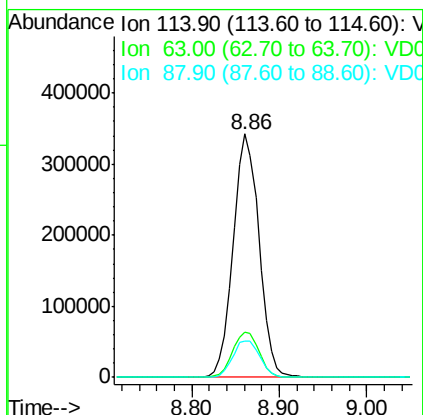
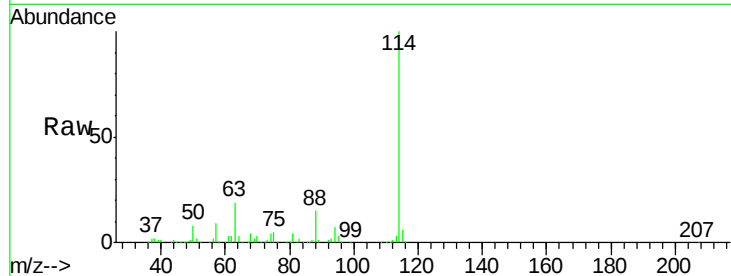




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066943.D
 Acq: 29 Sep 2020 17:15

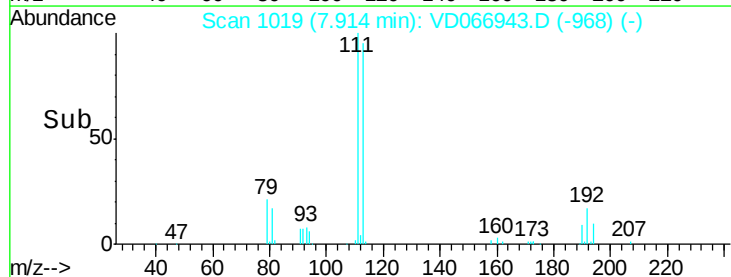
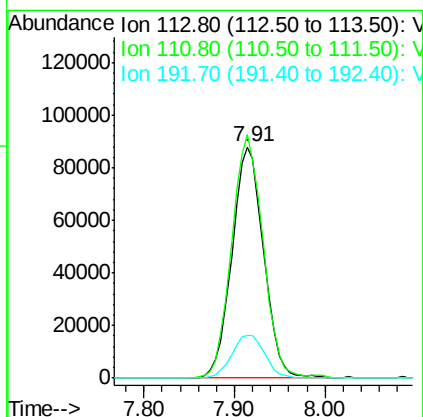
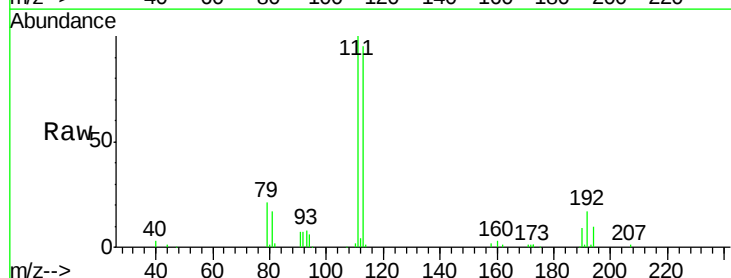
Instrument :
 MSVOA_D
 ClientSampleId :
 B-8(11-13)

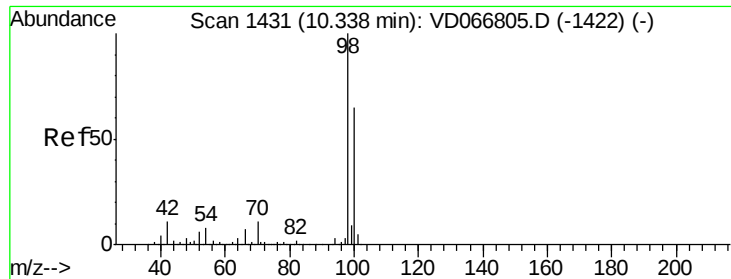
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	42.6
88	15.1	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 48.810 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066943.D
 Acq: 29 Sep 2020 17:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.8
192	19.4	14.4	21.6

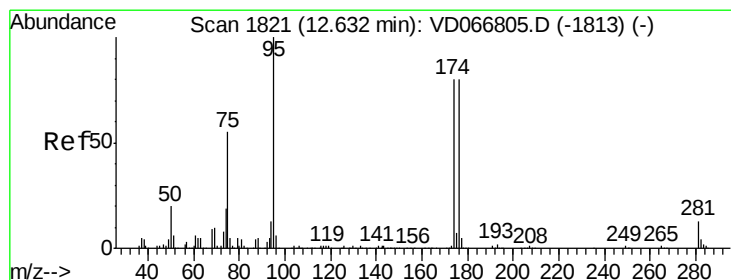
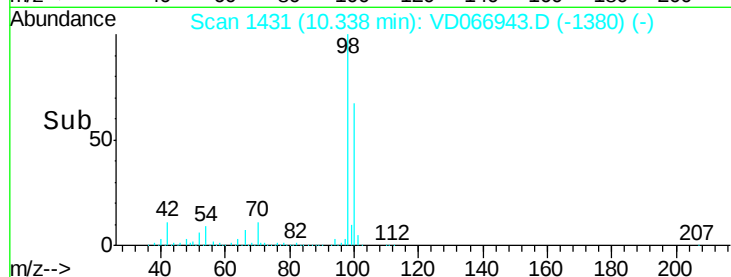
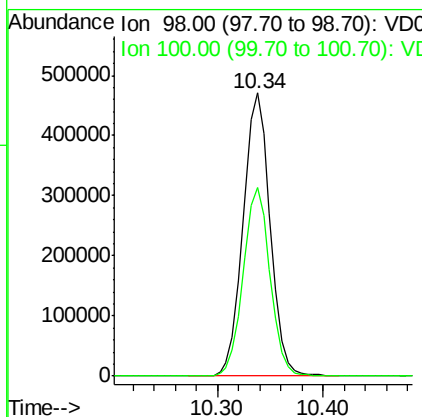
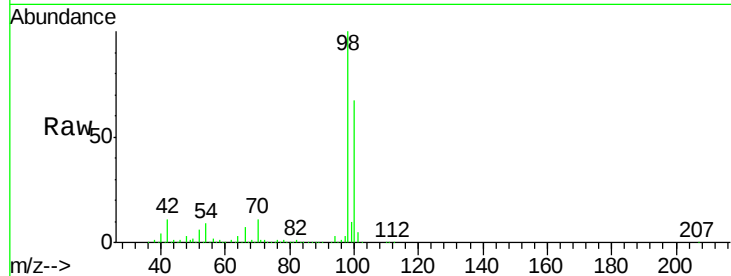




#50
Toluene-d8
Concen: 56.289 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066943.D
Acq: 29 Sep 2020 17:15

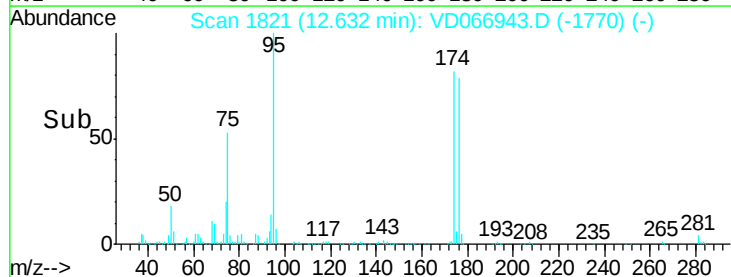
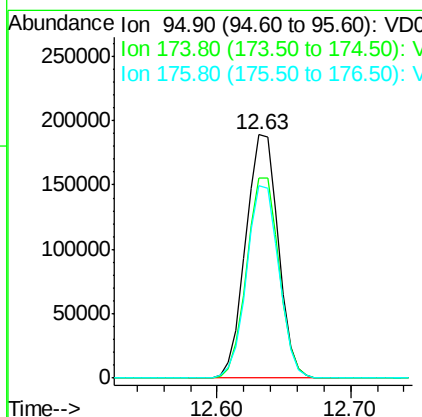
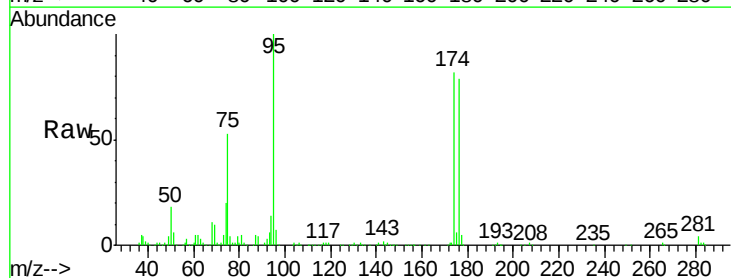
Instrument :
MSVOA_D
ClientSampleId :
B-8(11-13)

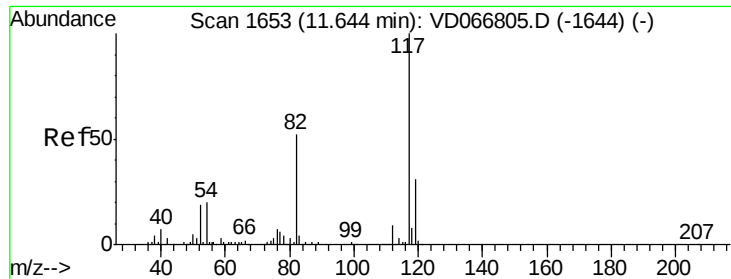
Tot Ion: 98 Resp: 835939
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 62.461 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066943.D
Acq: 29 Sep 2020 17:15

Tgt Ion: 95 Resp: 317552
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.8
176 78.1 0.0 154.4

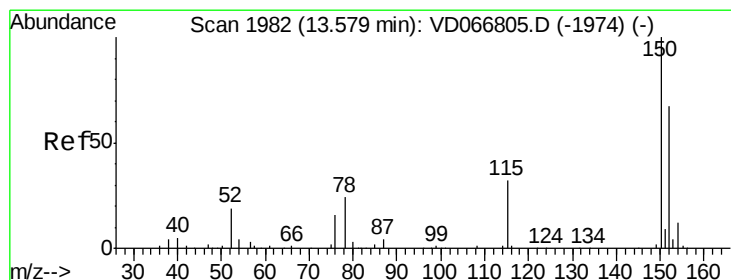
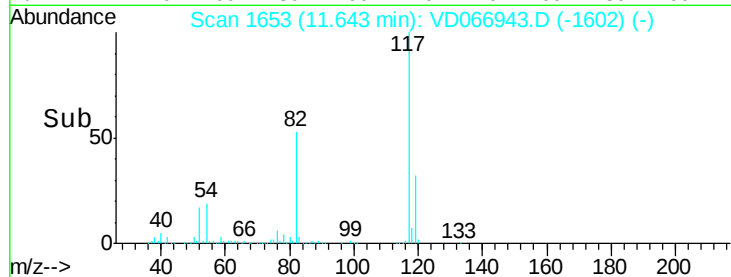
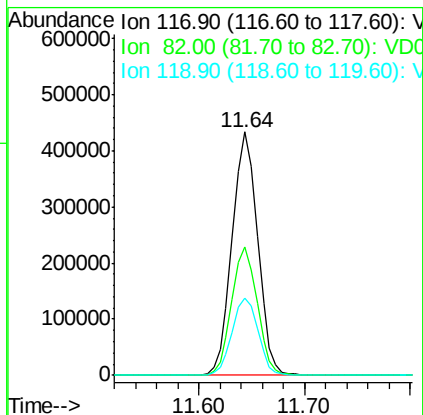
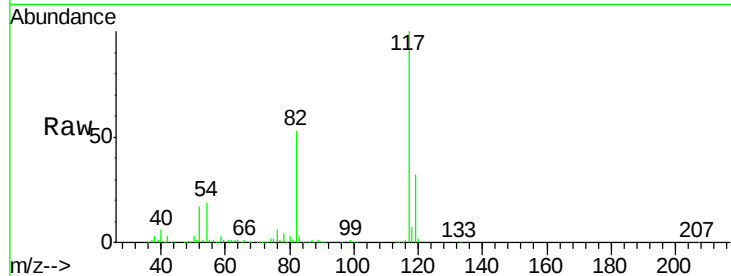




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066943.D
Acq: 29 Sep 2020 17:15

Instrument :
MSVOA_D
ClientSampleId :
B-8(11-13)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.6
119	31.6	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066943.D
Acq: 29 Sep 2020 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.3	91.0
150	154.5	0.0	346.2

