

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041720\
 Data File : VD065649.D
 Acq On : 17 Apr 2020 17:24
 Operator : VA/SY
 Sample : L2327-11
 Misc : 6.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-S2

Quant Time: Apr 20 07:47:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 19:43:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	220369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	358991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	342241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156236	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	118134	63.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	126.04%	
35) Dibromofluoromethane	7.92	113	121029	54.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.34%	
50) Toluene-d8	10.34	98	439647	53.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.76%	
62) 4-Bromofluorobenzene	12.64	95	129002	47.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.14%	

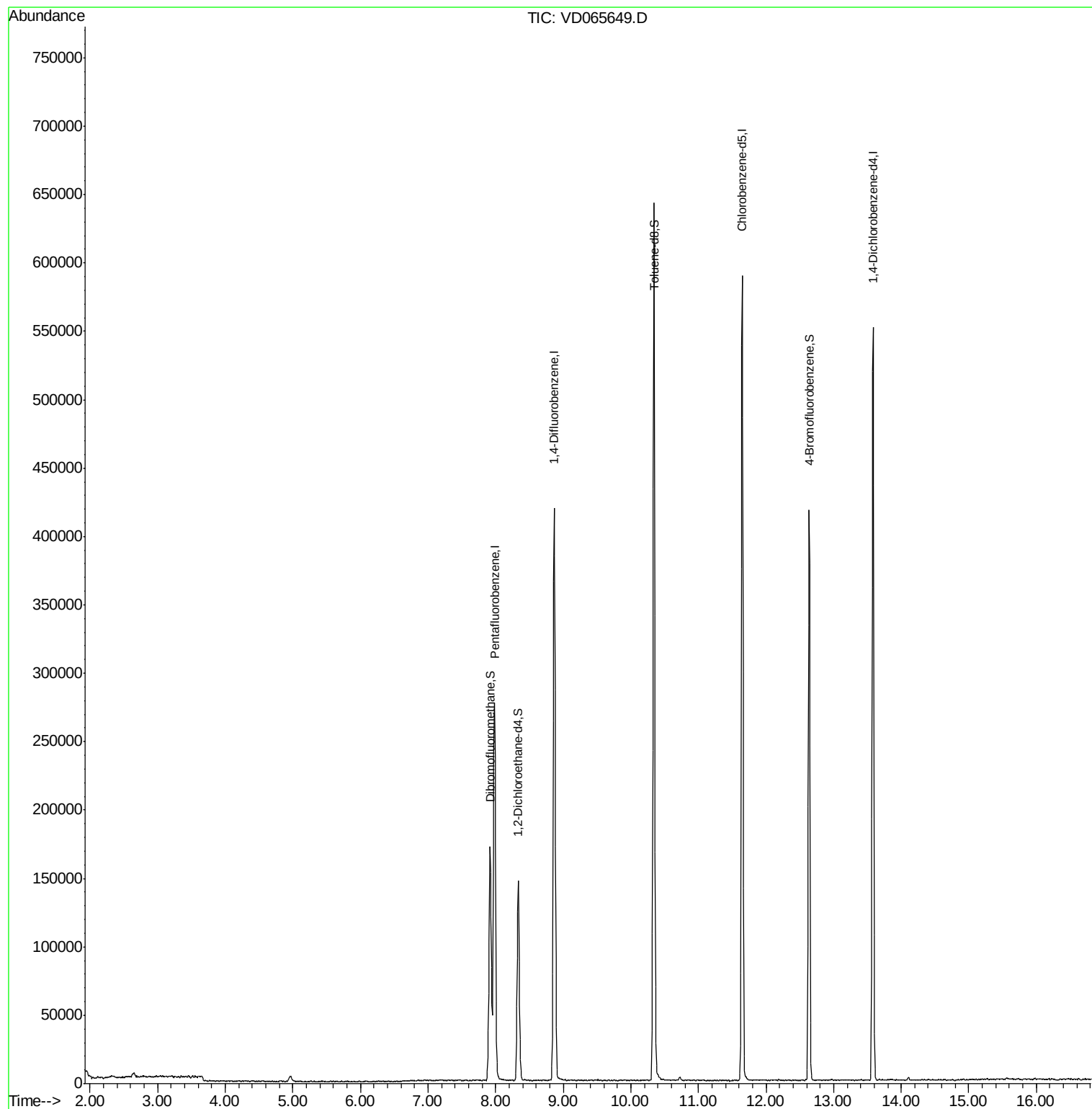
Target Compounds	Qvalue

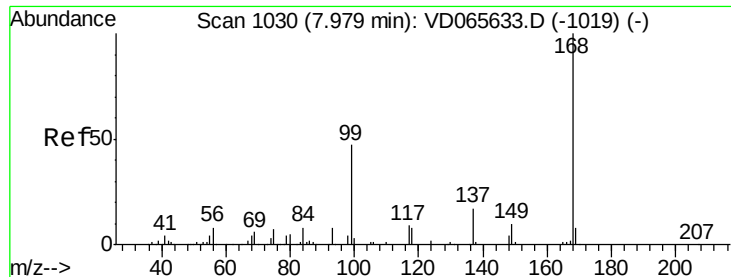
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065649.D

Acq: 17 Apr 2020 17:24

Instrument :

MSVOA_D

ClientSampled :

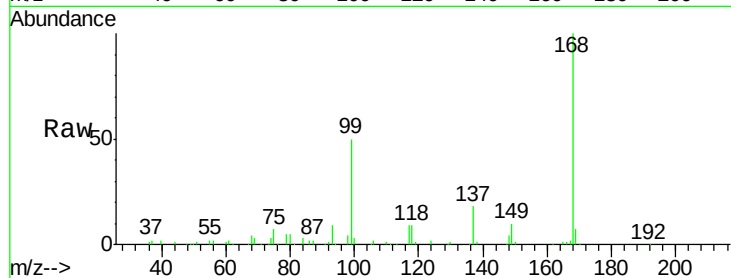
TP-4-S2

Tot Ion:168 Resp: 220369

Ion Ratio Lower Upper

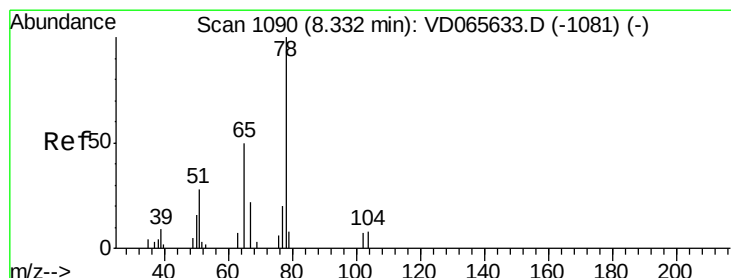
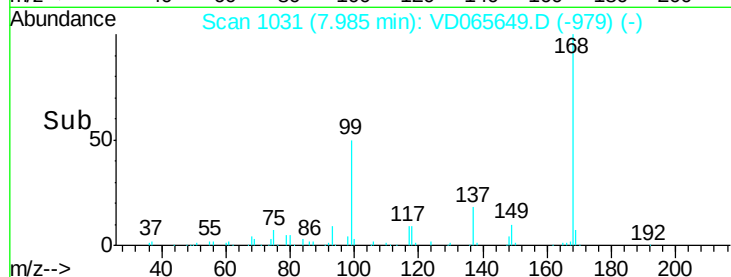
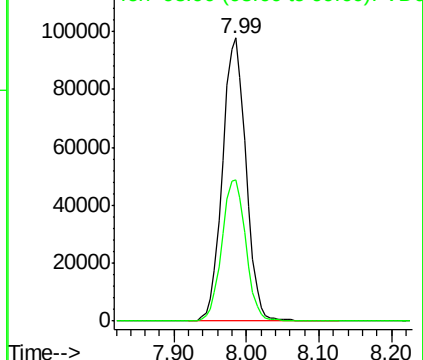
168 100

99 49.8 40.3 60.5



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: 63.017 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065649.D

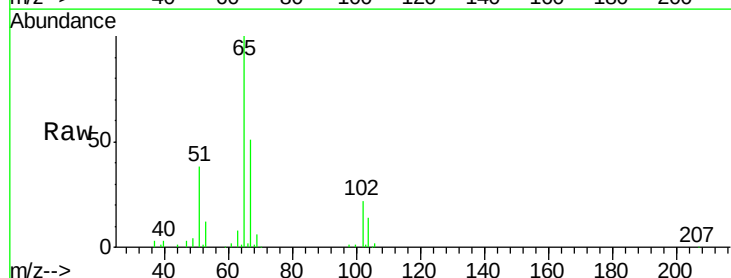
Acq: 17 Apr 2020 17:24

Tgt Ion: 65 Resp: 118134

Ion Ratio Lower Upper

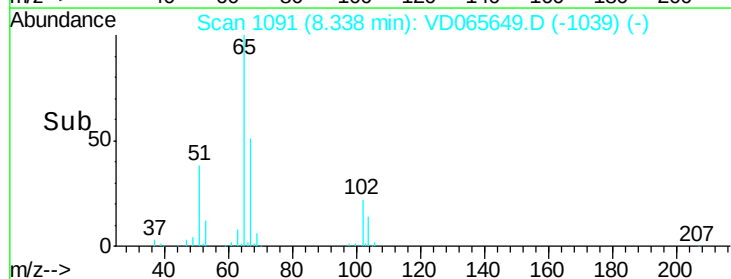
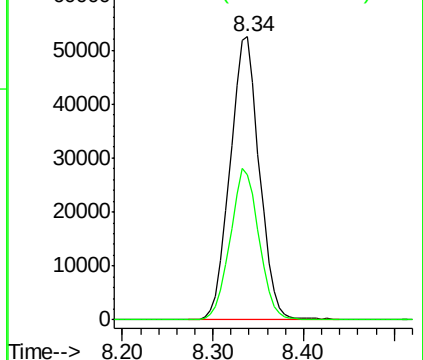
65 100

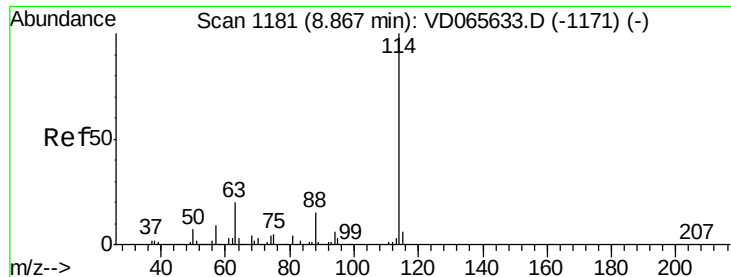
67 52.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

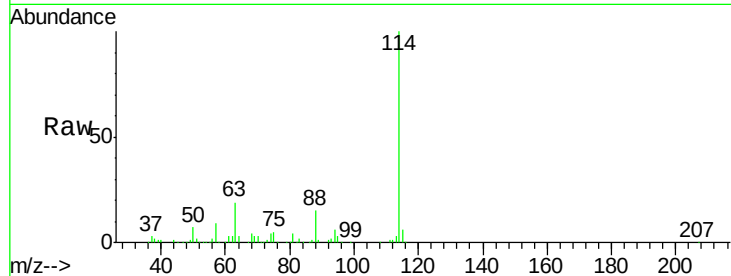




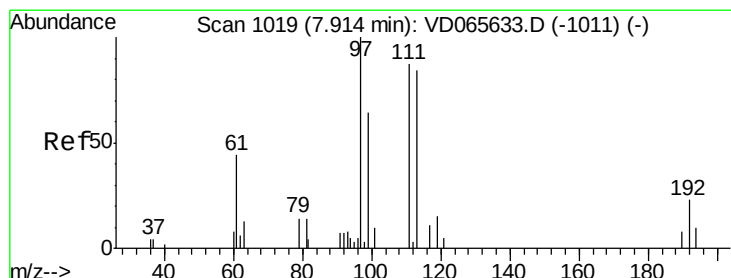
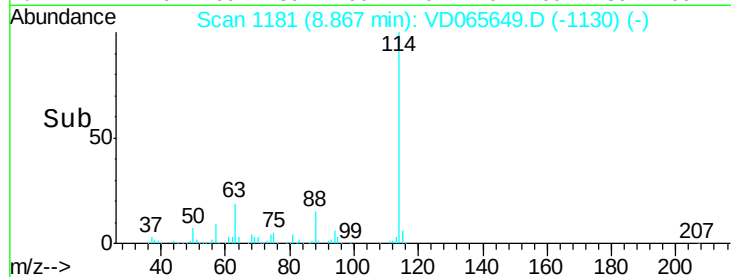
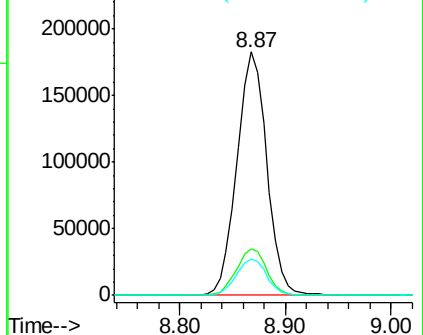
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065649.D
 Acq: 17 Apr 2020 17:24

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-S2

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.8
88	15.0	0.0	31.6

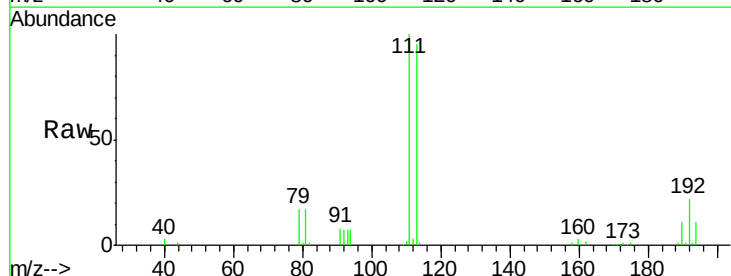


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

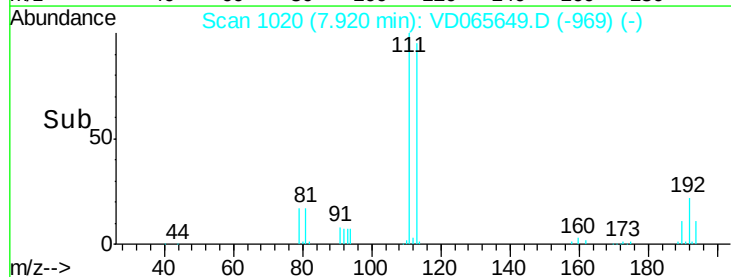
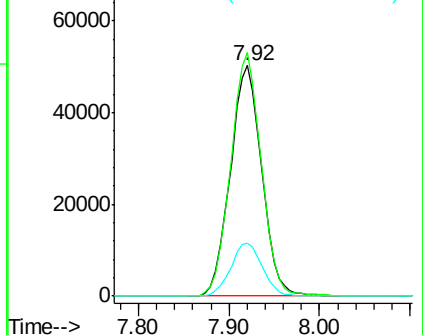


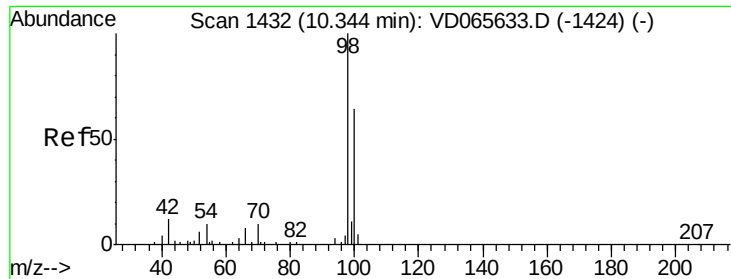
#35
 Dibromofluoromethane
 Concen: 54.170 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065649.D
 Acq: 17 Apr 2020 17:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.2	18.9	28.3



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

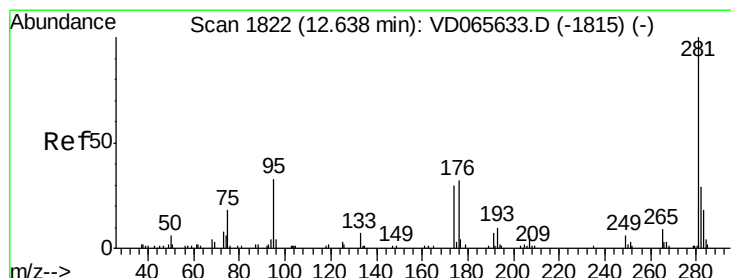
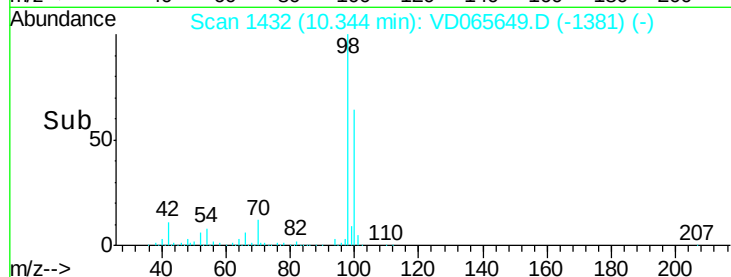
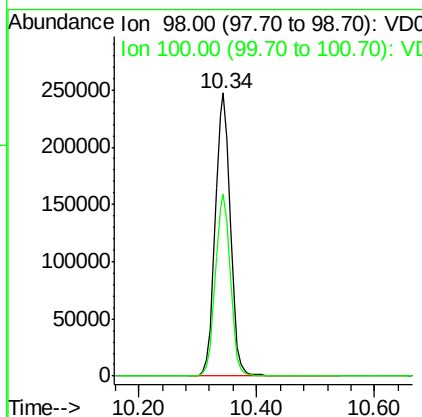
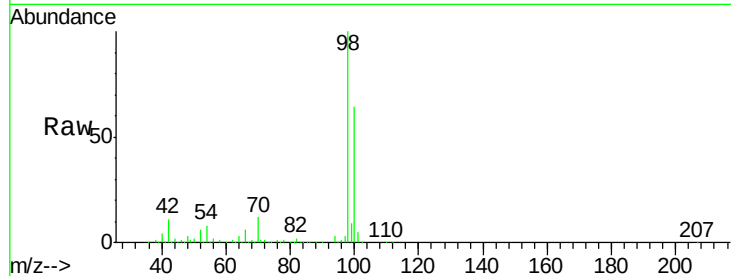




#50
Toluene-d8
Concen: 53.379 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065649.D
Acq: 17 Apr 2020 17:24

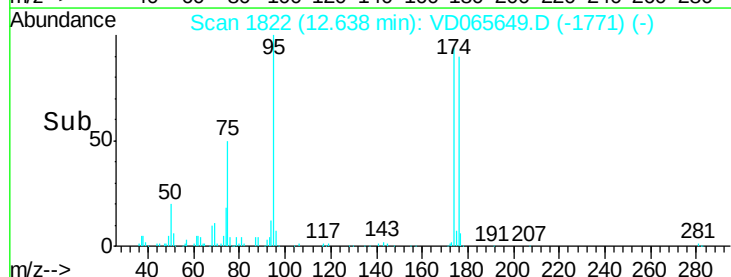
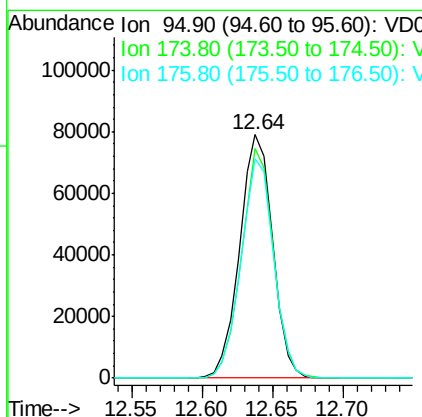
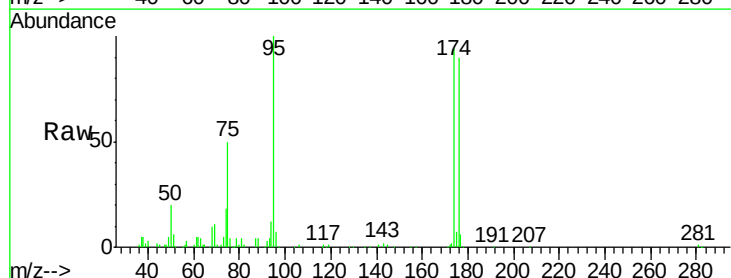
Instrument :
MSVOA_D
ClientSampled :
TP-4-S2

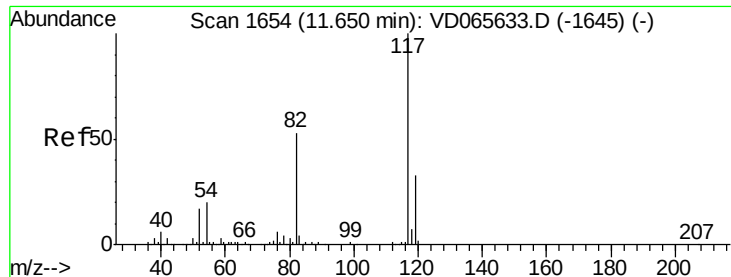
Tot Ion: 98 Resp: 439647
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.071 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065649.D
Acq: 17 Apr 2020 17:24

Tgt Ion: 95 Resp: 129002
Ion Ratio Lower Upper
95 100
174 91.3 0.0 183.8
176 89.5 0.0 181.4

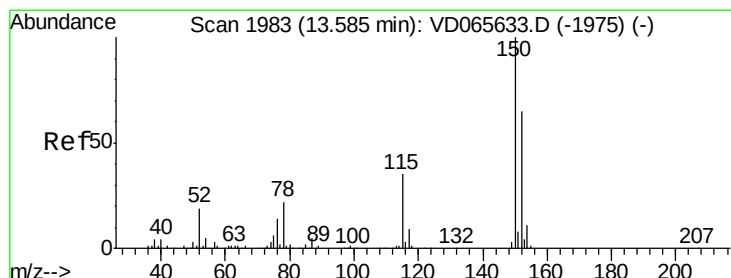
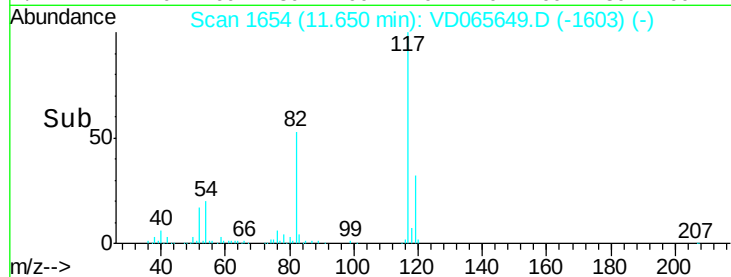
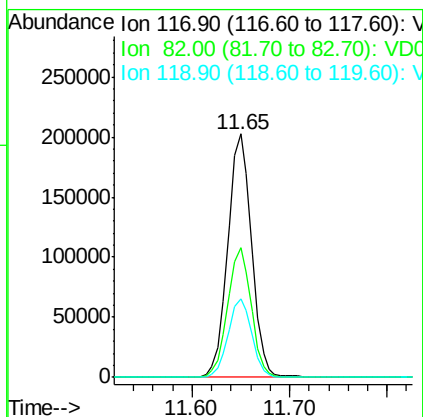
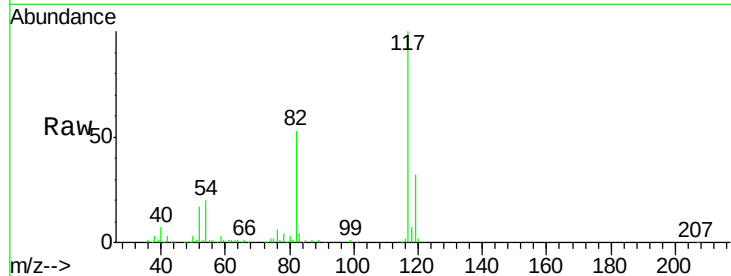




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065649.D
Acq: 17 Apr 2020 17:24

Instrument :
MSVOA_D
ClientSampleId :
TP-4-S2

Tot Ion:117 Resp: 342241
Ion Ratio Lower Upper
117 100
82 53.4 43.2 64.8
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065649.D
Acq: 17 Apr 2020 17:24

Tgt Ion:152 Resp: 156236
Ion Ratio Lower Upper
152 100
115 54.7 27.6 82.7
150 157.2 0.0 346.0

