

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066416.D
 Acq On : 26 Aug 2020 13:14
 Operator : VA/SY
 Sample : L3793-01
 Misc : 7.17G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Aug 27 07:59:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	407304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	591600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	532589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278372	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	214876	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
35) Dibromofluoromethane	7.91	113	180135	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
50) Toluene-d8	10.34	98	679294	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.63	95	243719	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

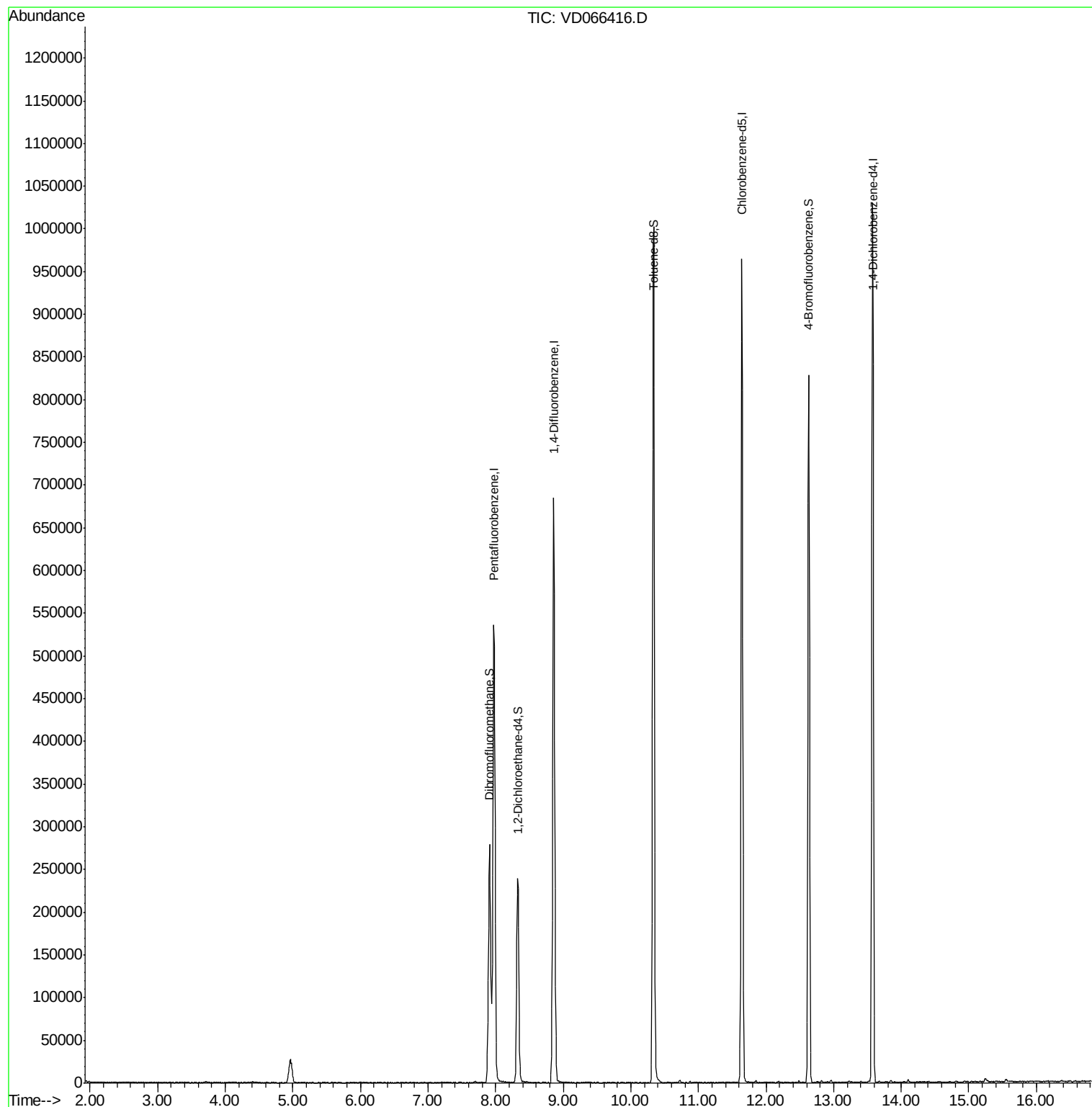
Target Compounds	Qvalue

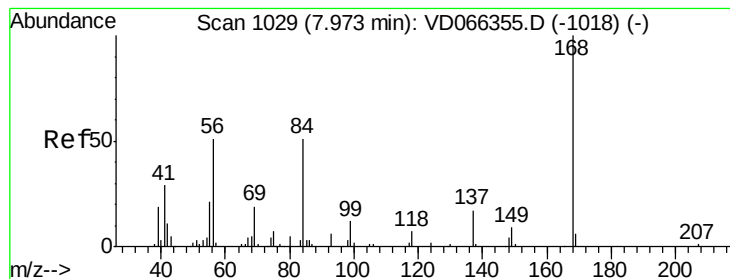
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066416.D

Acq: 26 Aug 2020 13:14

Instrument :

MSVOA_D

ClientSampled :

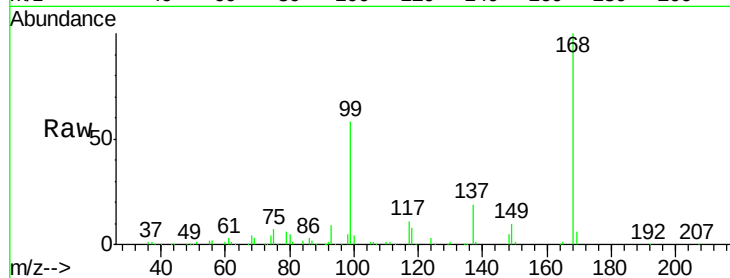
TP-1

Tot Ion:168 Resp: 407304

Ion Ratio Lower Upper

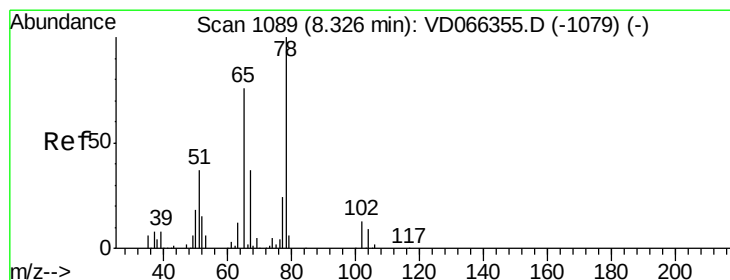
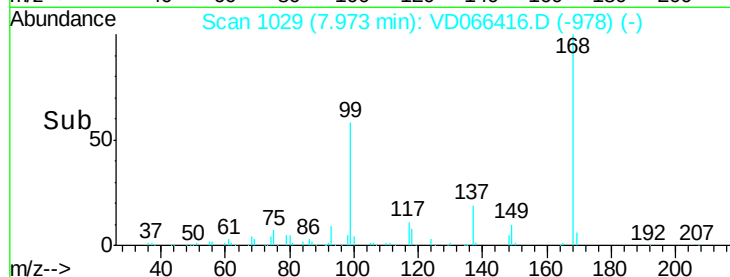
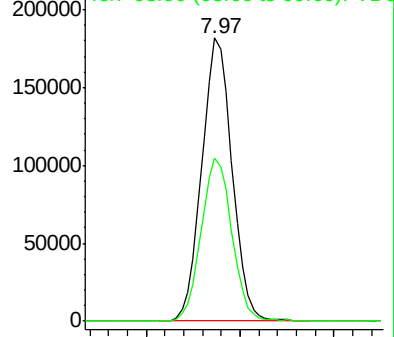
168 100

99 57.5 45.4 68.0



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: 53.811 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066416.D

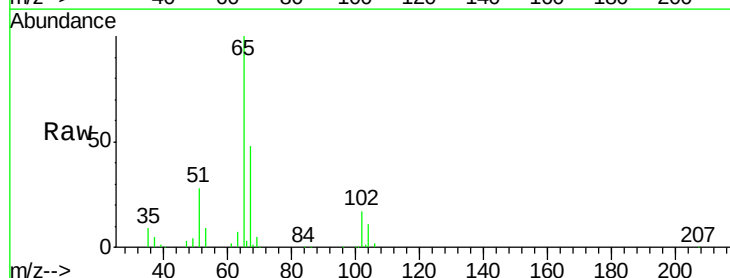
Acq: 26 Aug 2020 13:14

Tgt Ion: 65 Resp: 214876

Ion Ratio Lower Upper

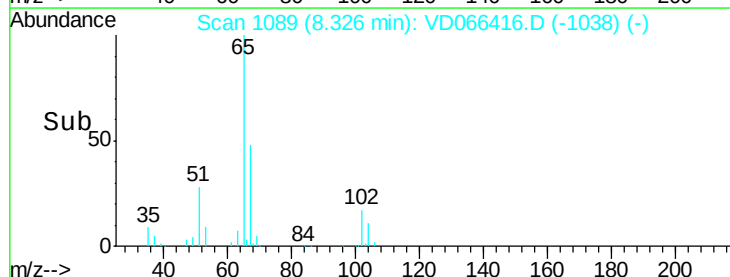
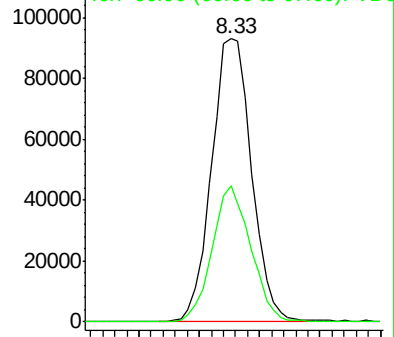
65 100

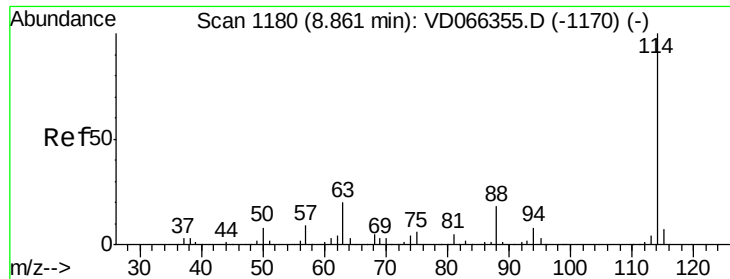
67 46.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

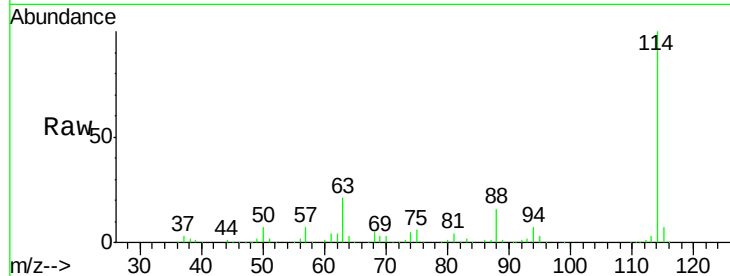




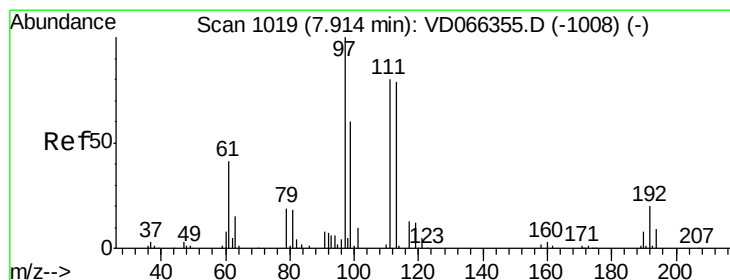
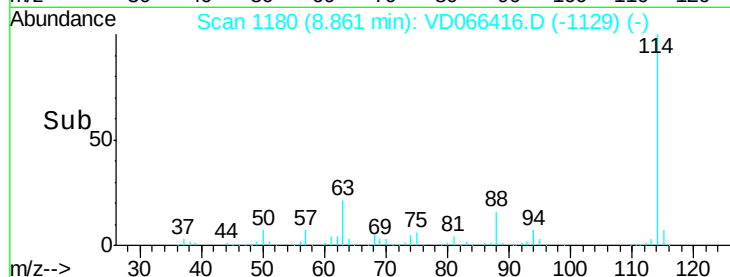
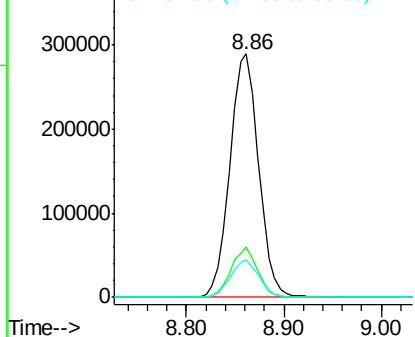
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066416.D
 Acq: 26 Aug 2020 13:14

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion:114 Resp: 591600
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 15.6 0.0 35.4

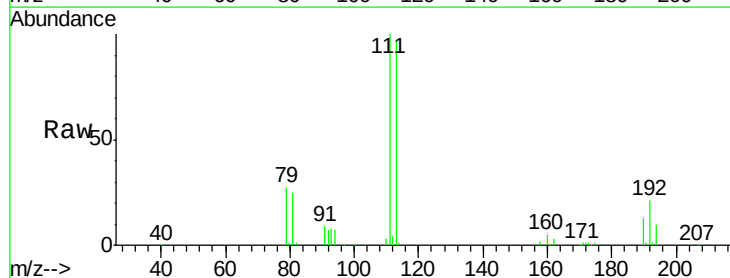


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

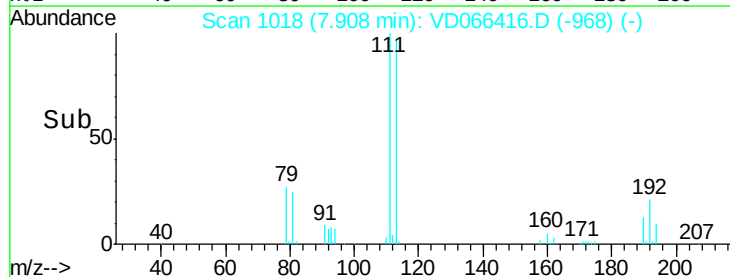
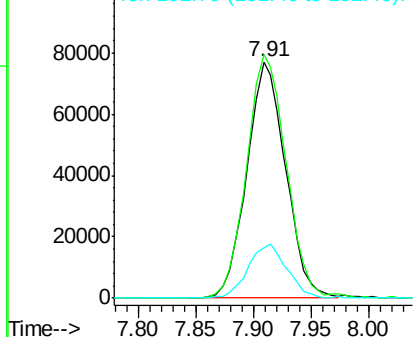


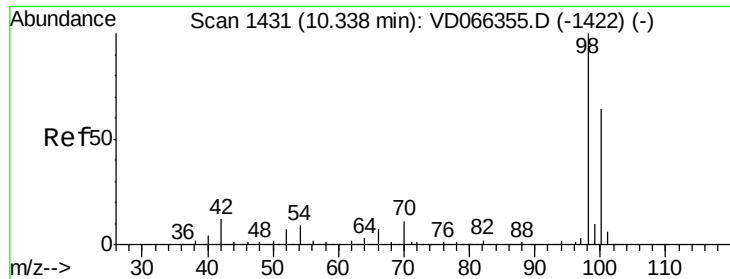
#35
 Dibromofluoromethane
 Concen: 48.694 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066416.D
 Acq: 26 Aug 2020 13:14

Tgt Ion:113 Resp: 180135
 Ion Ratio Lower Upper
 113 100
 111 105.6 80.3 120.5
 192 23.1 19.0 28.6



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

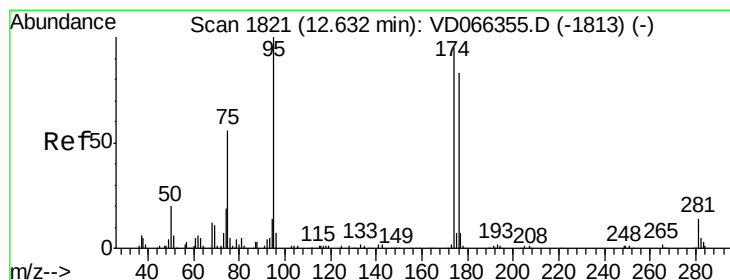
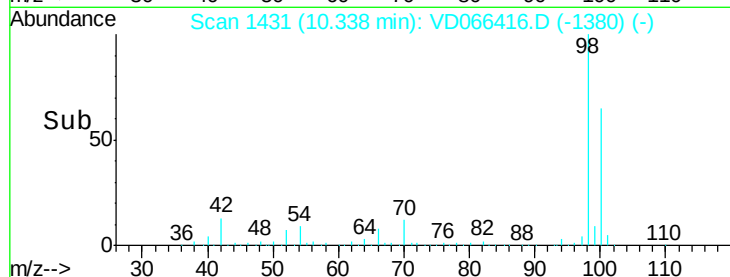
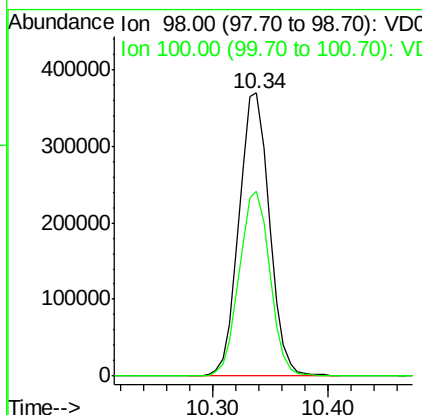
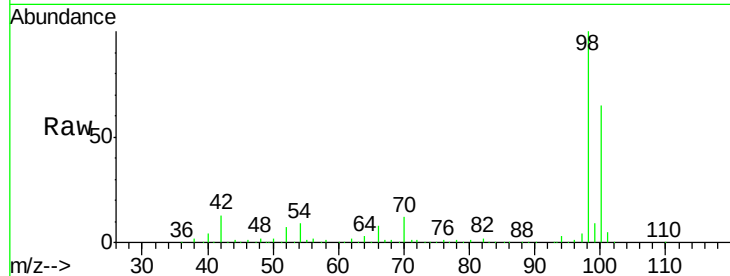




#50
Toluene-d8
Concen: 50.187 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066416.D
Acq: 26 Aug 2020 13:14

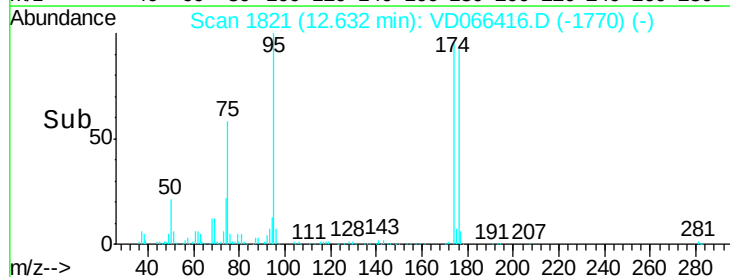
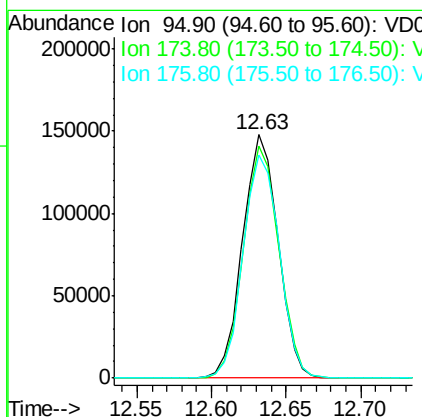
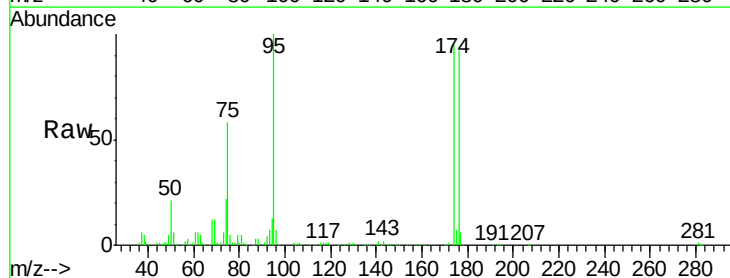
Instrument :
MSVOA_D
ClientSampleId :
TP-1

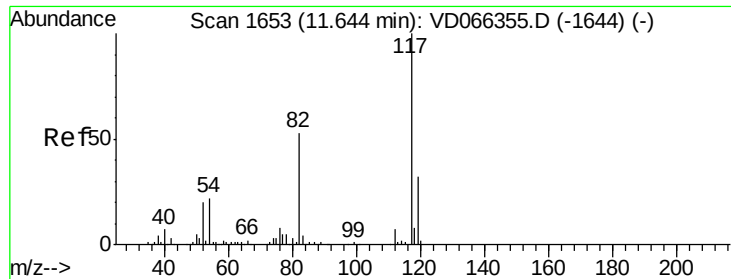
Tot Ion: 98 Resp: 679294
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.744 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066416.D
Acq: 26 Aug 2020 13:14

Tgt Ion: 95 Resp: 243719
Ion Ratio Lower Upper
95 100
174 95.4 0.0 183.4
176 93.1 0.0 173.8

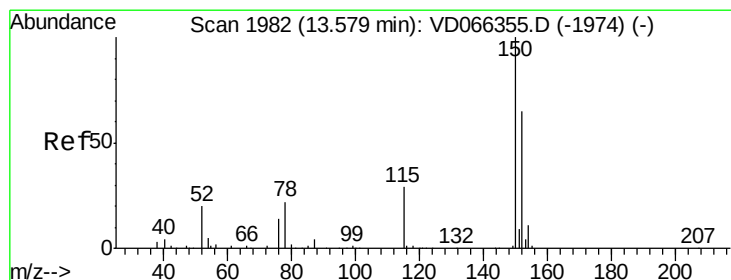
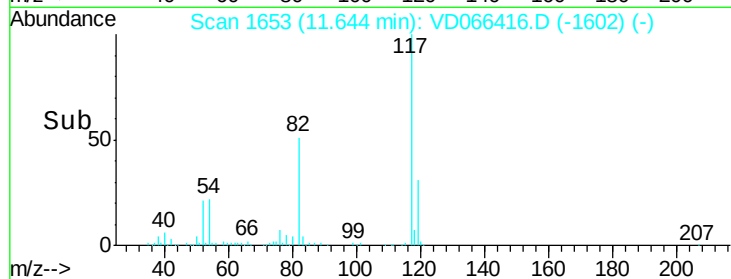
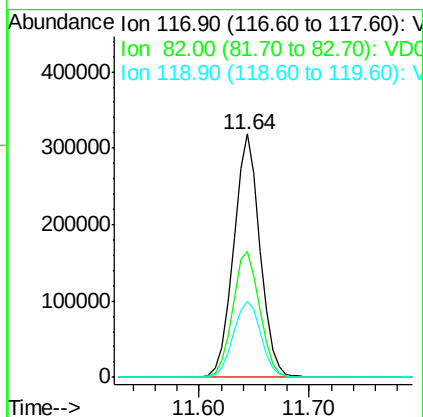
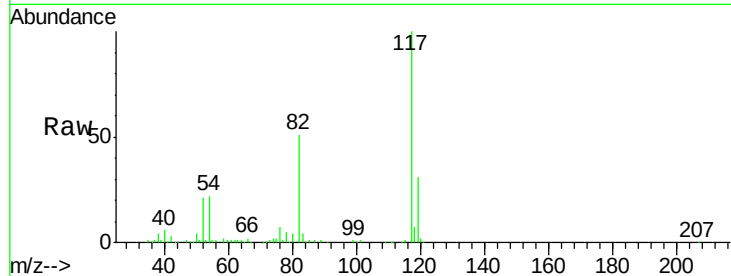




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066416.D
Acq: 26 Aug 2020 13:14

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 532589
Ion Ratio Lower Upper
117 100
82 51.5 42.8 64.2
119 31.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066416.D
Acq: 26 Aug 2020 13:14

Tgt Ion:152 Resp: 278372
Ion Ratio Lower Upper
152 100
115 55.8 28.3 85.0
150 158.1 0.0 343.2

