

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066601.D
 Acq On : 10 Sep 2020 01:16
 Operator : VA/SY
 Sample : L3931-03
 Misc : 6.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-2

Quant Time: Sep 10 03:14:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	319694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	637665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	603896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	237693	61.45	ug/l	0.00
Spiked Amount			Recovery	=	122.90%	
35) Dibromofluoromethane	7.91	113	225261	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
50) Toluene-d8	10.34	98	792310	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.63	95	262025	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

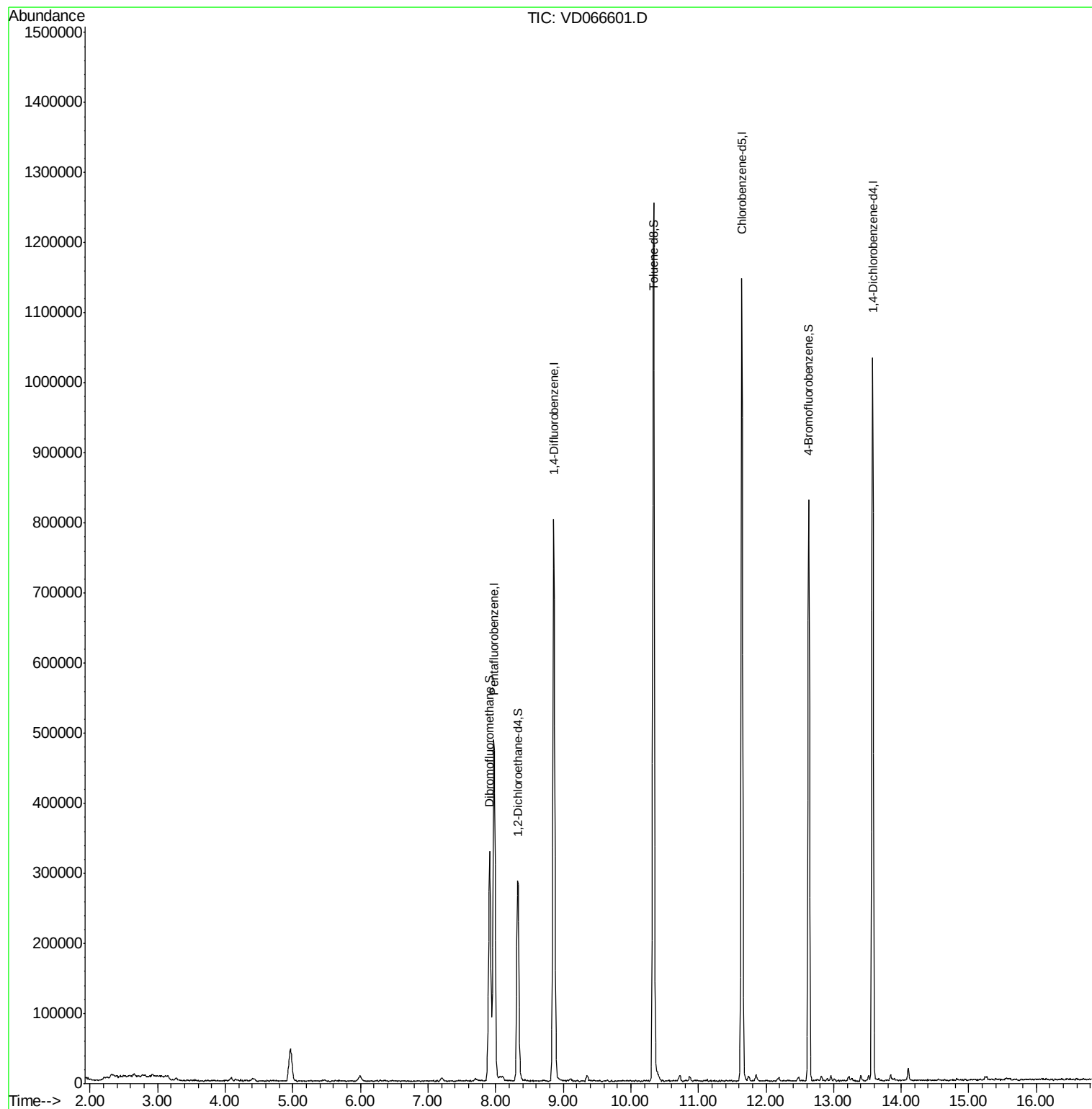
Target Compounds	Qvalue
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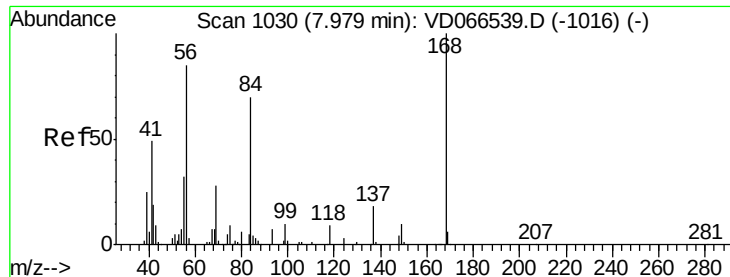
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066601.D

Acq: 10 Sep 2020 01:16

Instrument :

MSVOA_D

ClientSampleId :

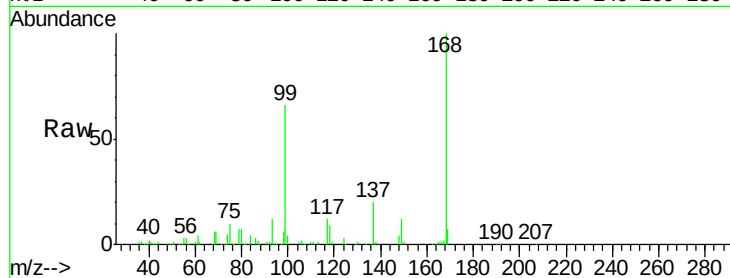
SP-1-2

Tot Ion:168 Resp: 319694

Ion Ratio Lower Upper

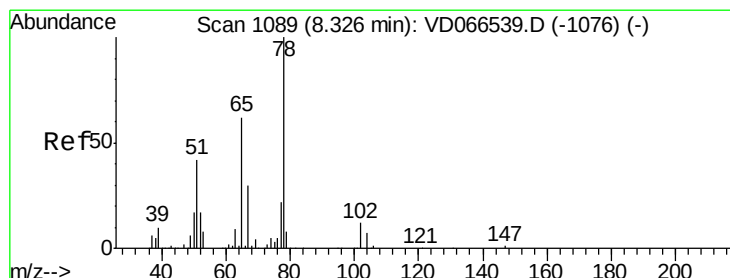
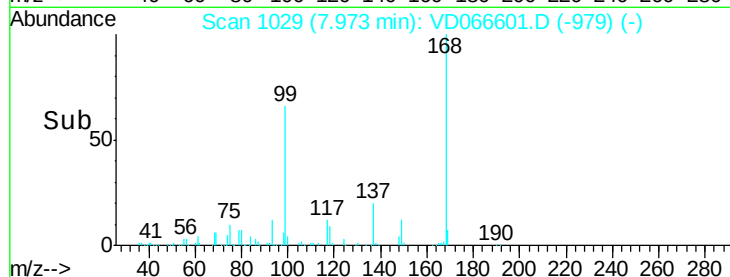
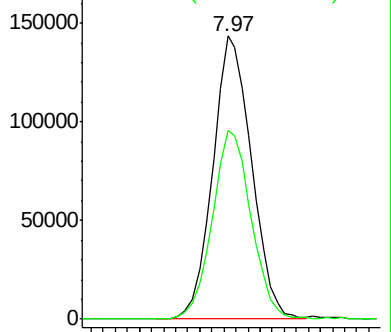
168 100

99 66.3 50.5 75.7



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: 61.451 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066601.D

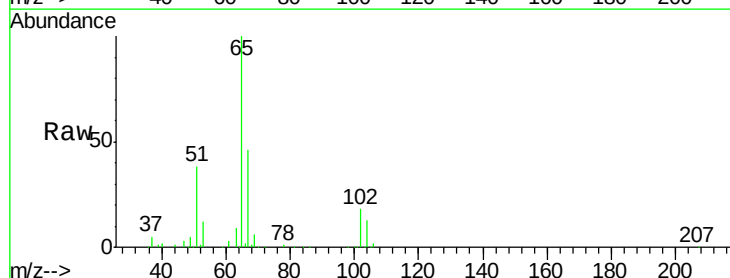
Acq: 10 Sep 2020 01:16

Tgt Ion: 65 Resp: 237693

Ion Ratio Lower Upper

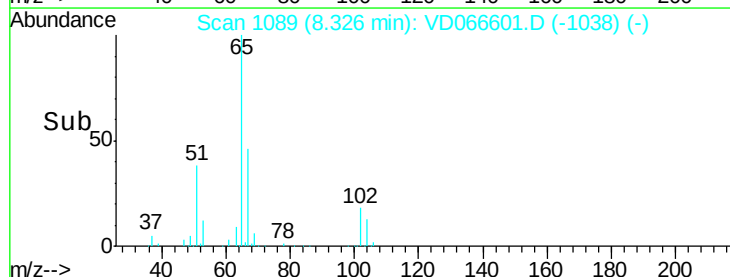
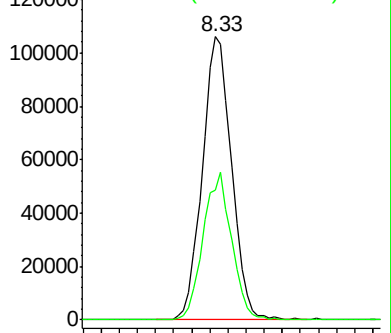
65 100

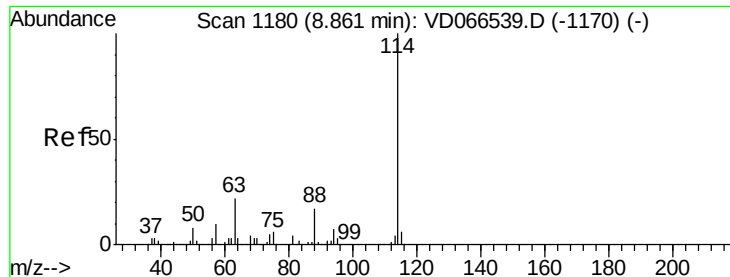
67 50.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

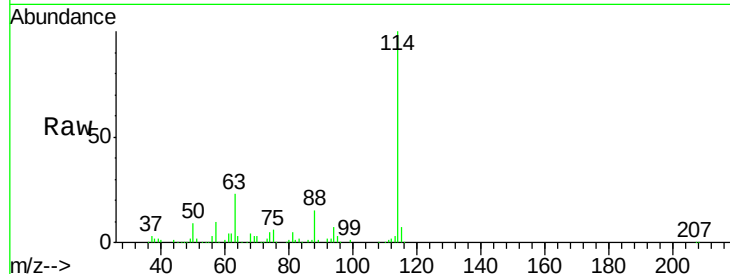




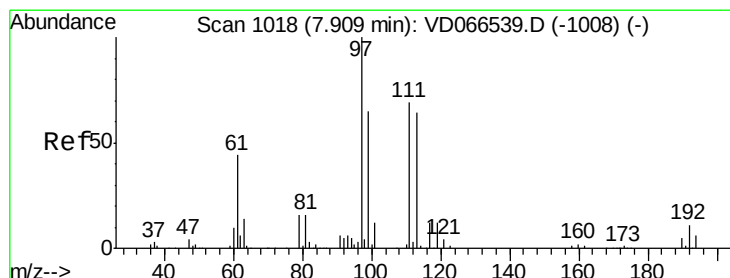
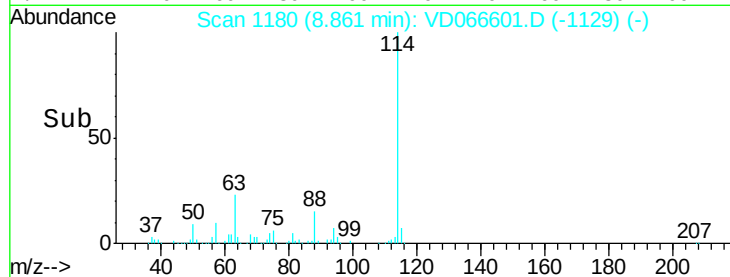
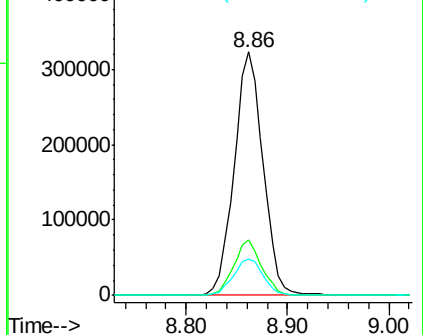
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066601.D
Acq: 10 Sep 2020 01:16

Instrument :
MSVOA_D
ClientSampleId :
SP-1-2

Tot Ion:114 Resp: 637665
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.2
88 15.1 0.0 33.2

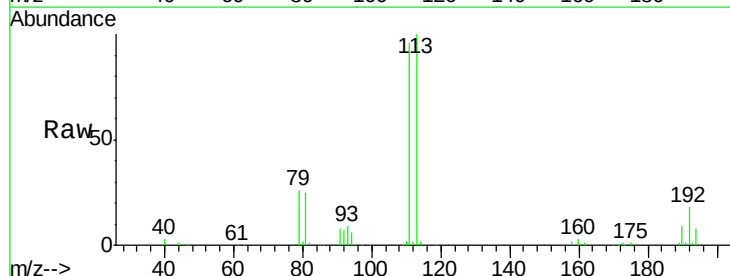


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

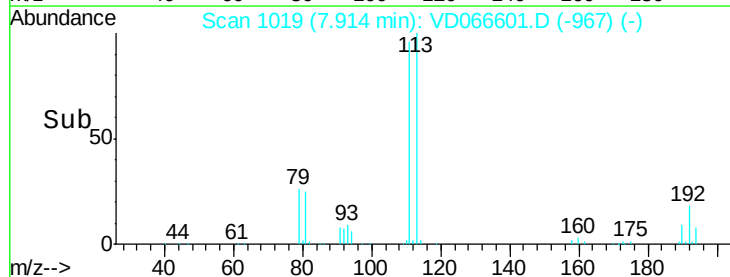
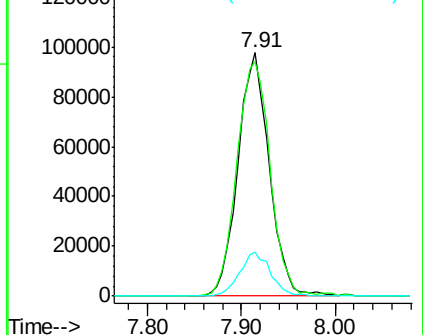


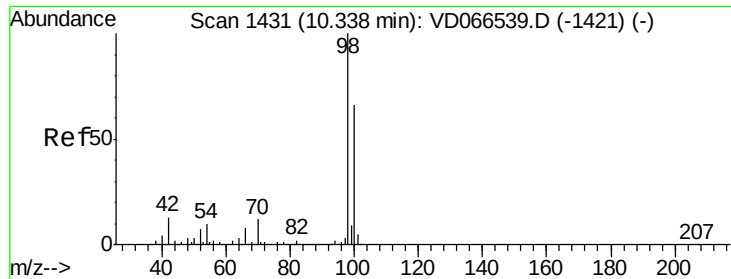
#35
Dibromofluoromethane
Concen: 52.365 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066601.D
Acq: 10 Sep 2020 01:16

Tgt Ion:113 Resp: 225261
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 17.8 13.7 20.5



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

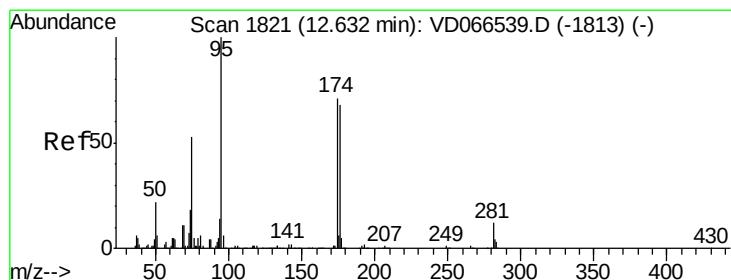
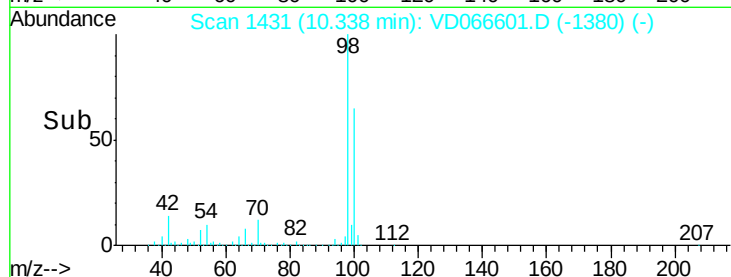
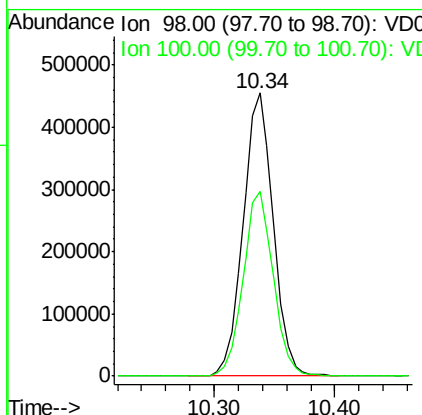
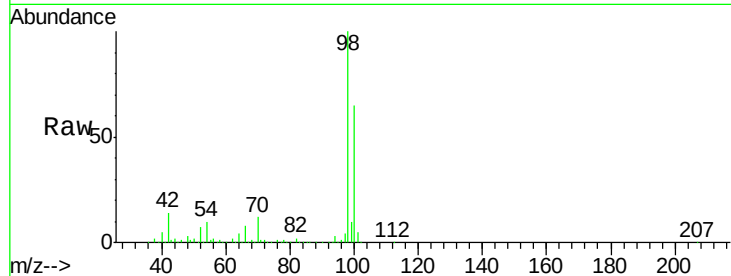




#50
Toluene-d8
Concen: 51.532 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066601.D
Acq: 10 Sep 2020 01:16

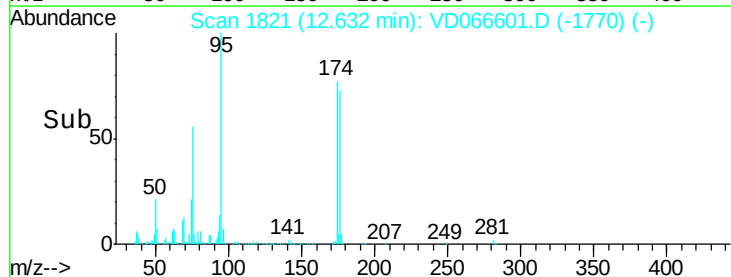
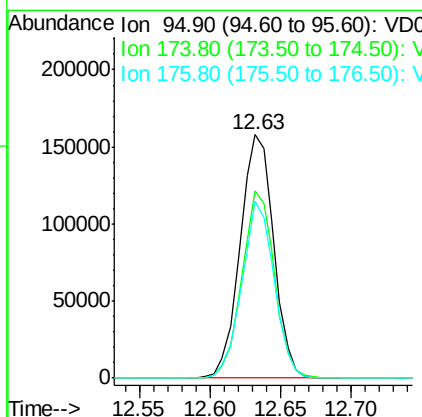
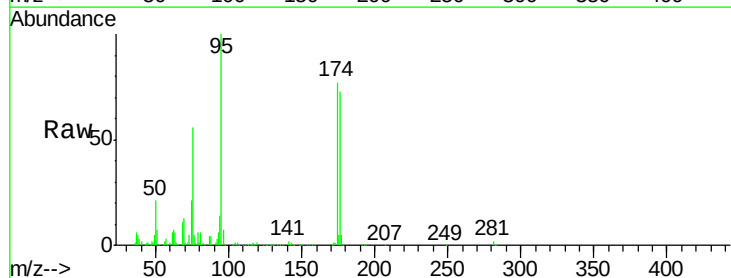
Instrument :
MSVOA_D
ClientSampleId :
SP-1-2

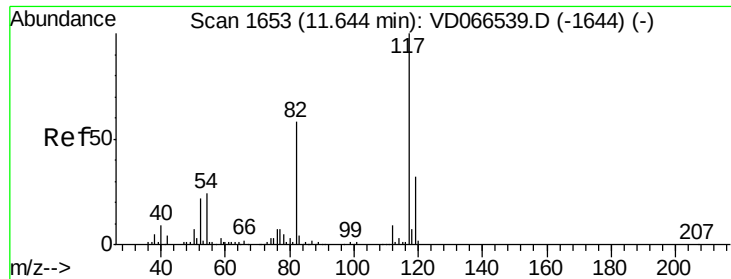
Tot Ion: 98 Resp: 792310
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.396 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066601.D
Acq: 10 Sep 2020 01:16

Tgt Ion: 95 Resp: 262025
Ion Ratio Lower Upper
95 100
174 74.4 0.0 155.8
176 70.6 0.0 148.6

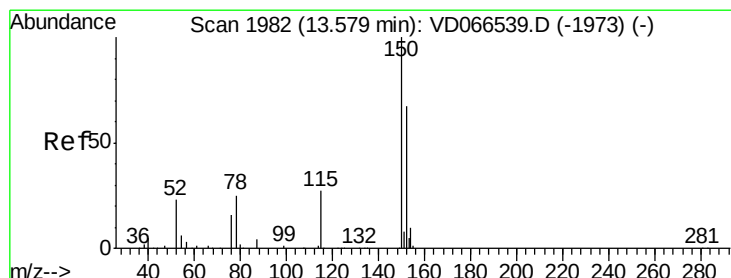
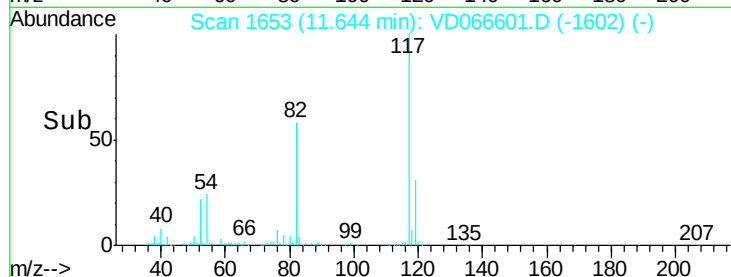
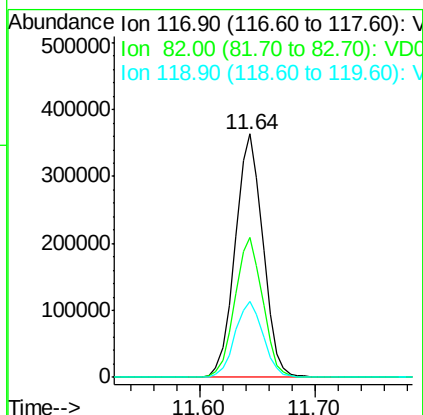
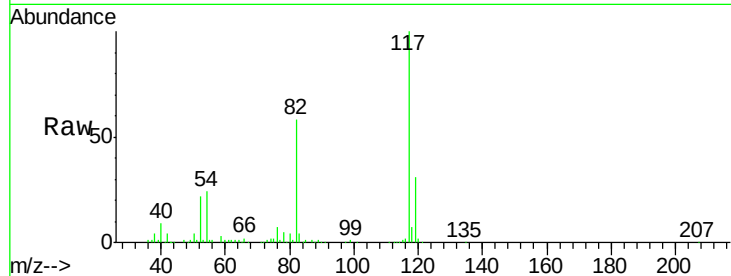




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066601.D
Acq: 10 Sep 2020 01:16

Instrument :
MSVOA_D
ClientSampleId :
SP-1-2

Tot Ion:117 Resp: 603896
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 31.1 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: VD066601.D
Acq: 10 Sep 2020 01:16

Tgt Ion:152 Resp: 248140
Ion Ratio Lower Upper
152 100
115 63.8 30.4 91.2
150 159.7 0.0 345.8

