

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066593.D
 Acq On : 09 Sep 2020 19:49
 Operator : VA/SY
 Sample : L3919-16
 Misc : 7.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15

Quant Time: Sep 10 02:31:11 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	317771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	628876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	589983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254343	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	239369	62.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.52%	
35) Dibromofluoromethane	7.91	113	220780	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
50) Toluene-d8	10.34	98	796349	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.63	95	255709	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	

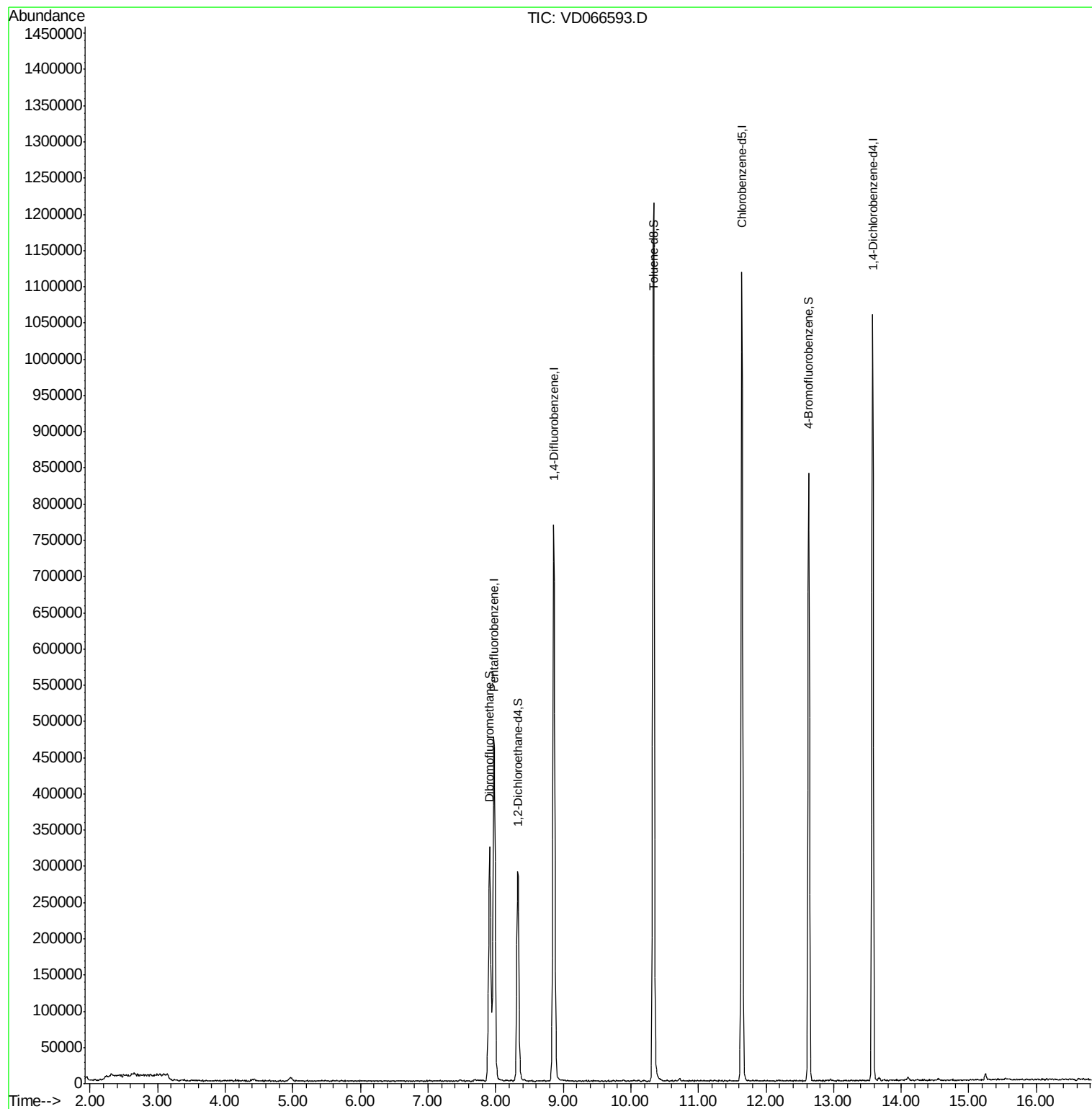
Target Compounds	Qvalue
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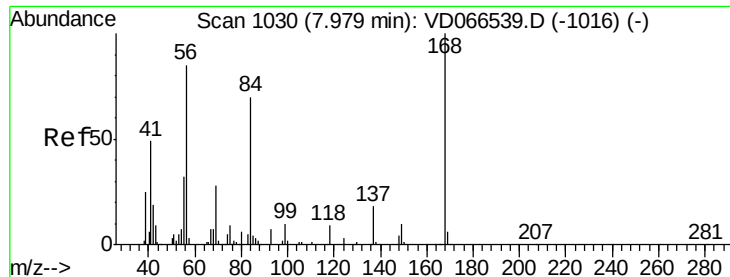
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

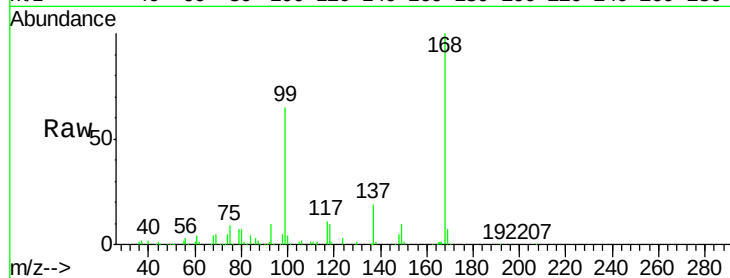
TP-15

Tot Ion:168 Resp: 317771

Ion Ratio Lower Upper

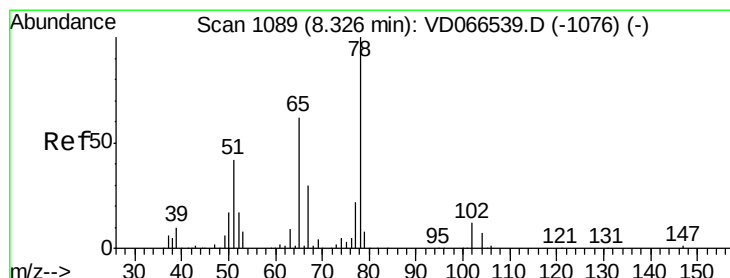
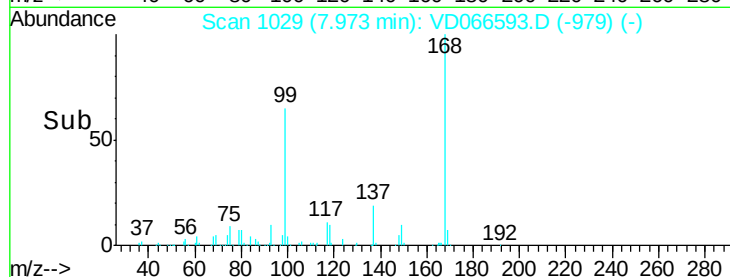
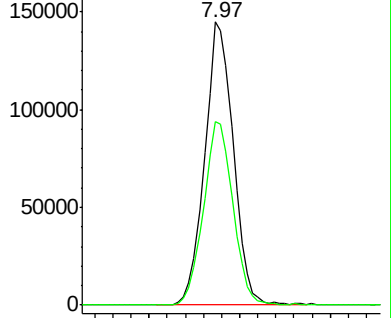
168 100

99 64.7 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: 62.259 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066593.D

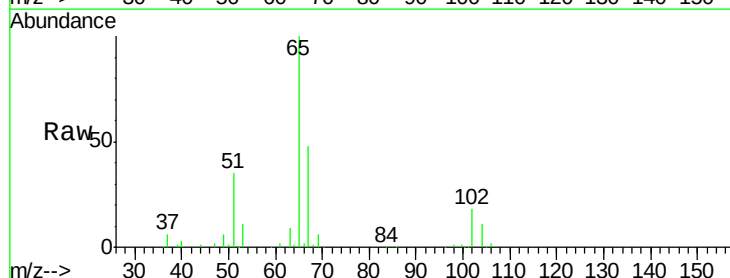
Acq: 09 Sep 2020 19:49

Tgt Ion: 65 Resp: 239369

Ion Ratio Lower Upper

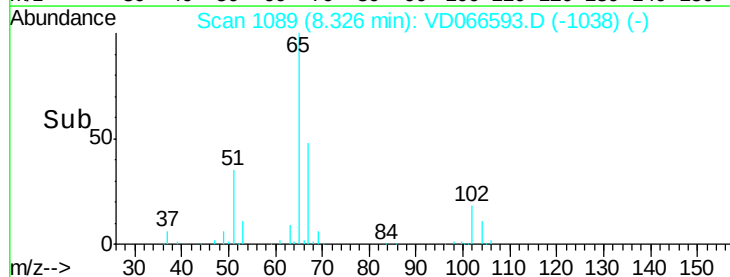
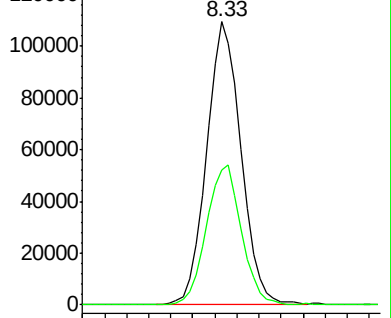
65 100

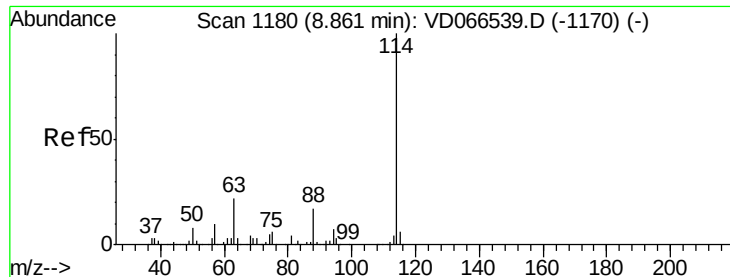
67 50.1 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

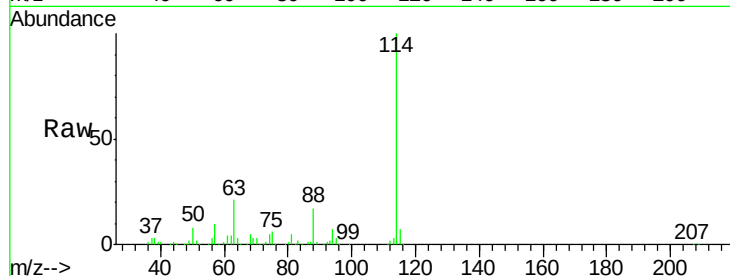




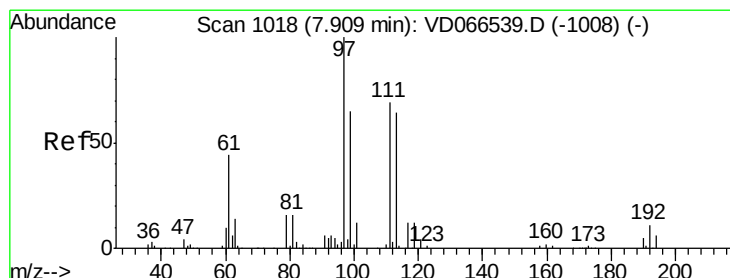
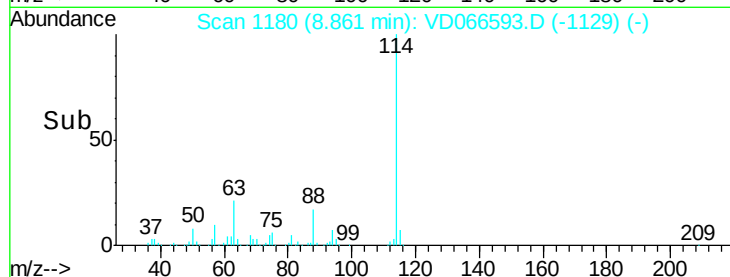
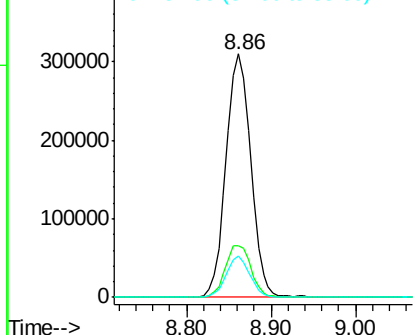
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066593.D
 Acq: 09 Sep 2020 19:49

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-15

Tot Ion:114 Resp: 628876
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.8 0.0 33.2

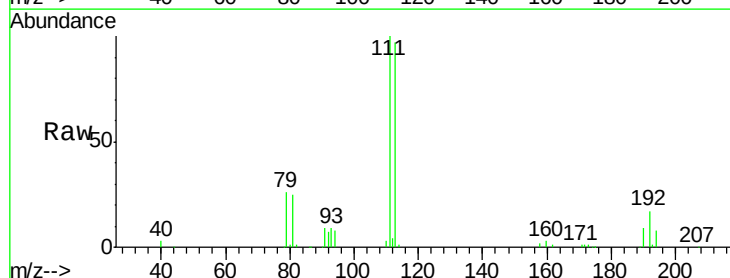


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

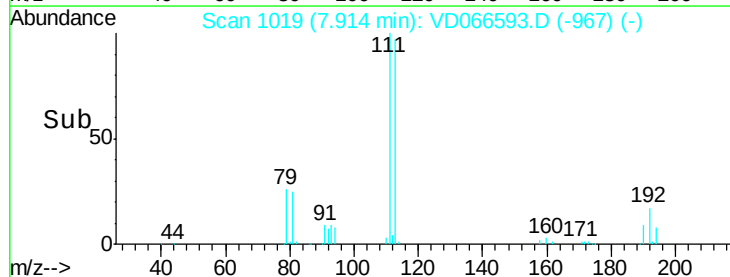
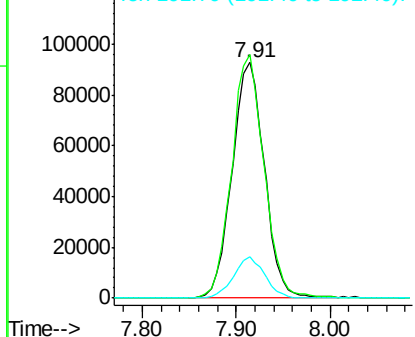


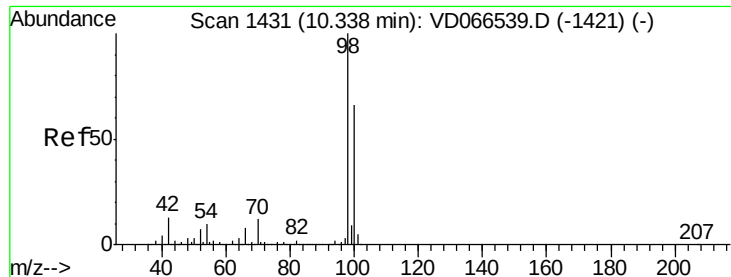
#35
 Dibromofluoromethane
 Concen: 52.041 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066593.D
 Acq: 09 Sep 2020 19:49

Tgt Ion:113 Resp: 220780
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.2 124.8
 192 17.1 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

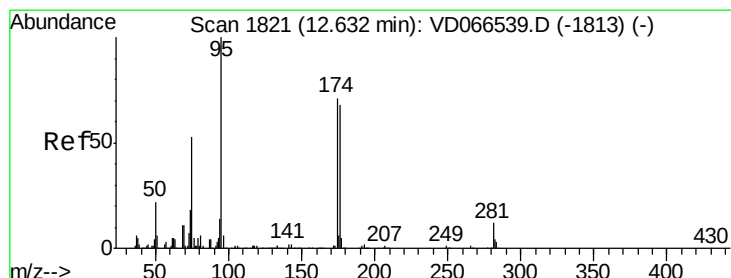
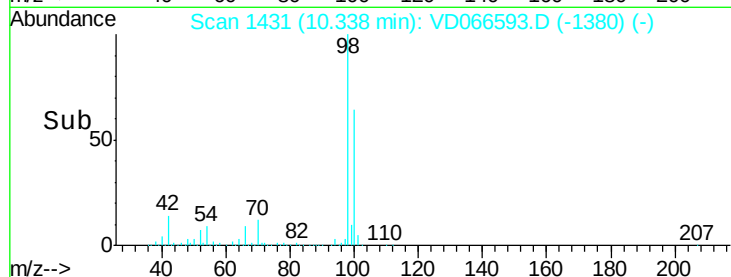
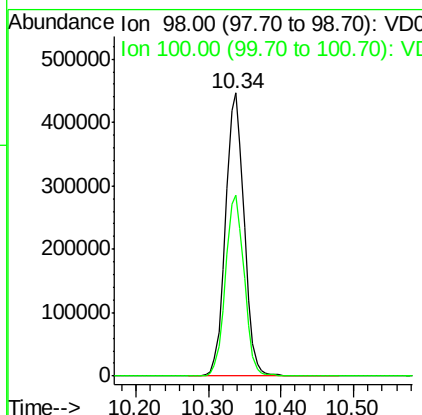
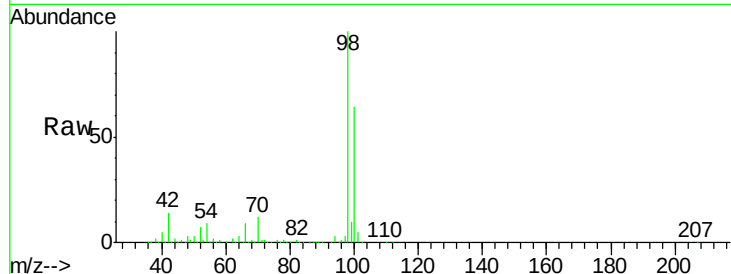




#50
Toluene-d8
Concen: 52.519 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066593.D
Acq: 09 Sep 2020 19:49

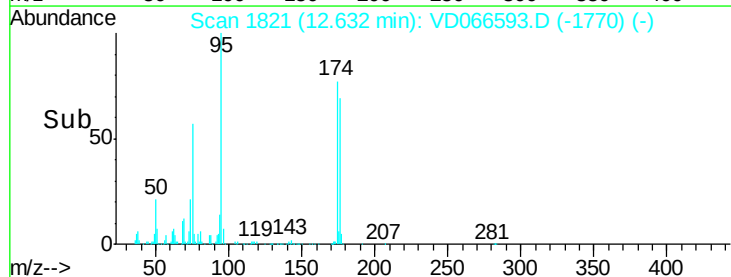
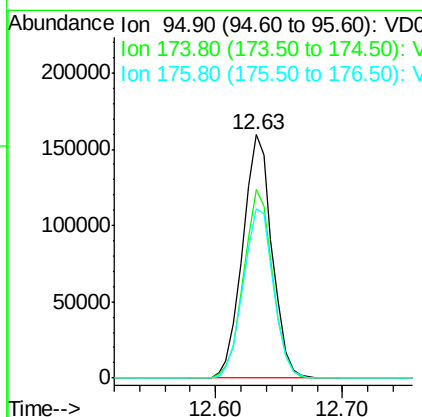
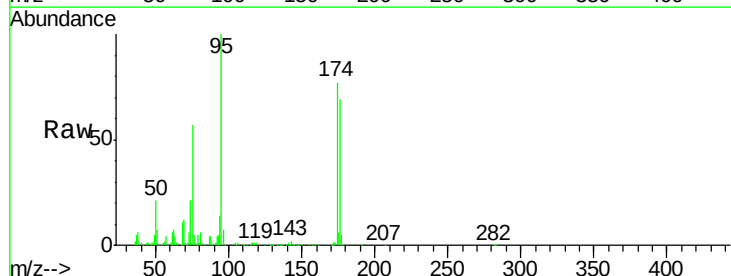
Instrument :
MSVOA_D
ClientSampled :
TP-15

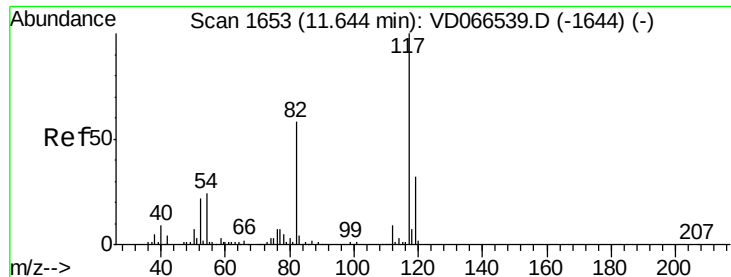
Tot Ion: 98 Resp: 796349
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 50.858 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066593.D
Acq: 09 Sep 2020 19:49

Tgt Ion: 95 Resp: 255709
Ion Ratio Lower Upper
95 100
174 76.7 0.0 155.8
176 71.9 0.0 148.6

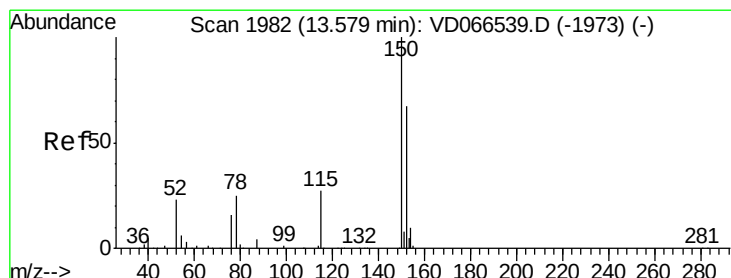
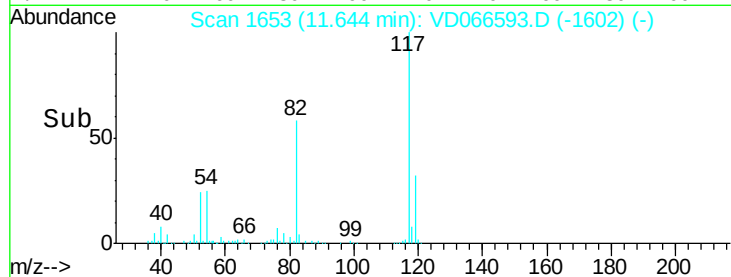
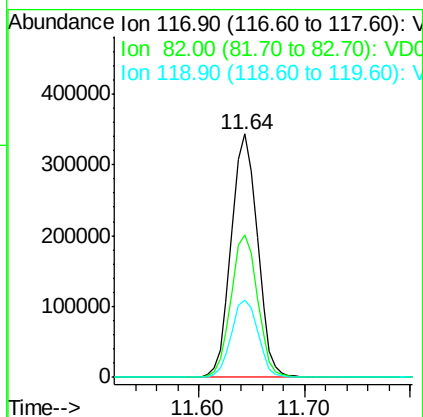
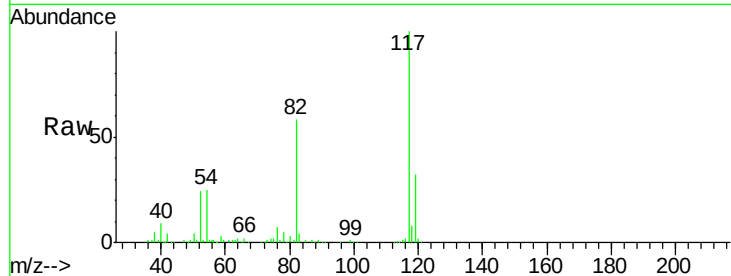




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066593.D
Acq: 09 Sep 2020 19:49

Instrument :
MSVOA_D
ClientSampleId :
TP-15

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.2	69.2
119	31.6	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: VD066593.D
Acq: 09 Sep 2020 19:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.4	91.2
150	157.5	0.0	345.8

