

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066846.D
 Acq On : 24 Sep 2020 12:58
 Operator : VA/SY
 Sample : L4125-03
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-21

Quant Time: Sep 25 01:44:37 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	408546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	734015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	729037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332683	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	222905	55.74	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.48%	
35) Dibromofluoromethane	7.91	113	230345	49.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.66%	
50) Toluene-d8	10.34	98	879086	55.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.50%	
62) 4-Bromofluorobenzene	12.63	95	312595	57.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.78%	

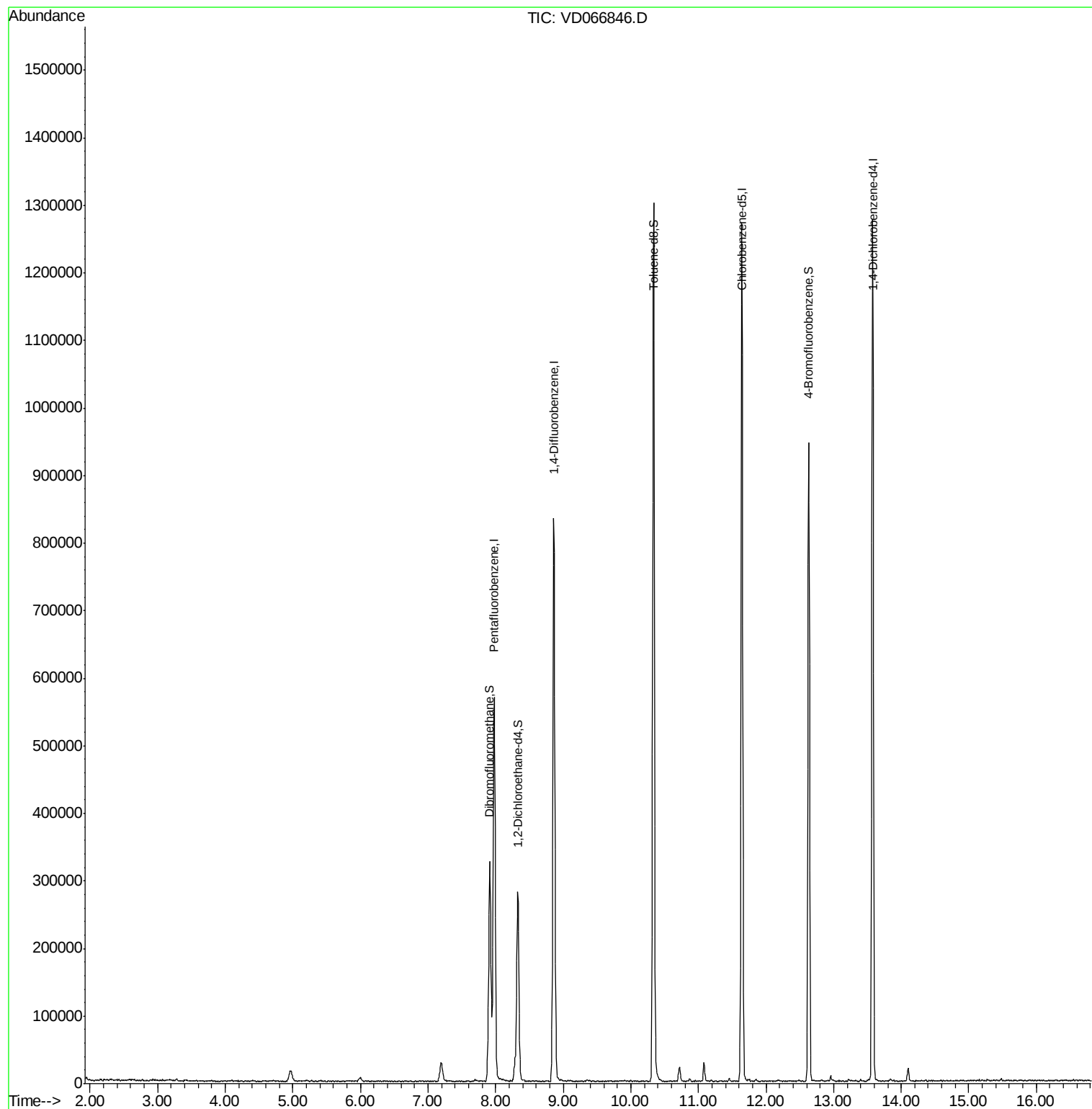
Target Compounds	Qvalue
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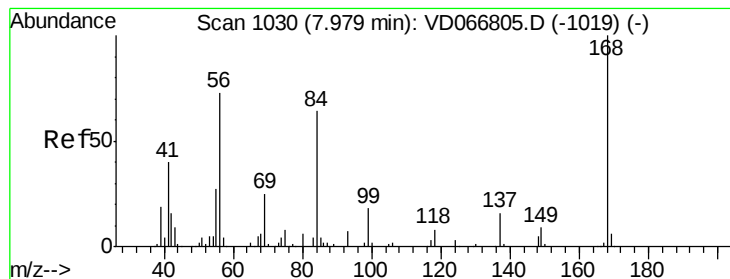
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066846.D

Acq: 24 Sep 2020 12:58

Instrument :

MSVOA_D

ClientSampleId :

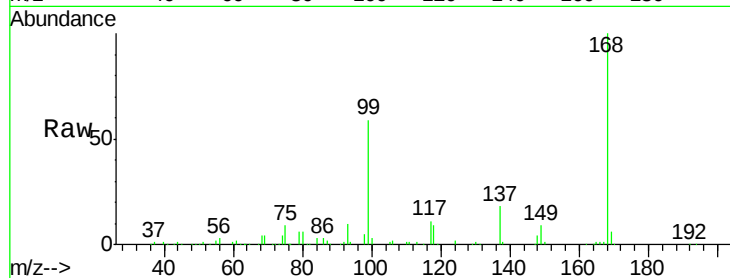
CS-21

Tot Ion:168 Resp: 408546

Ion Ratio Lower Upper

168 100

99 58.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

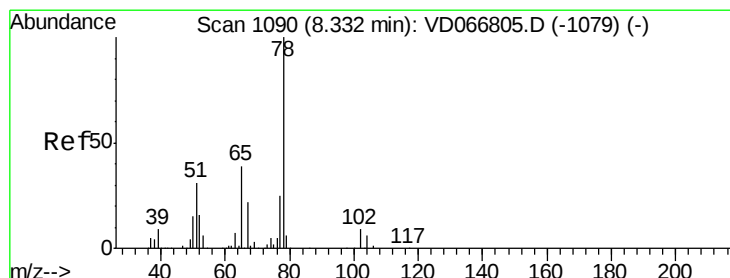
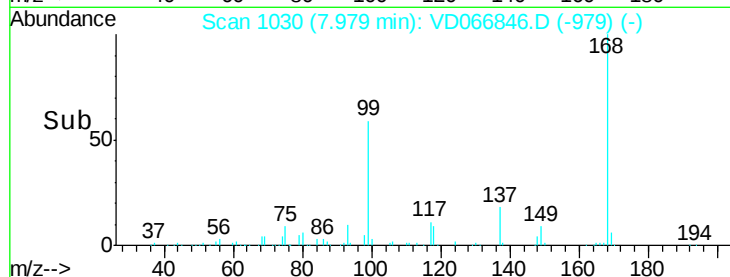
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.745 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066846.D

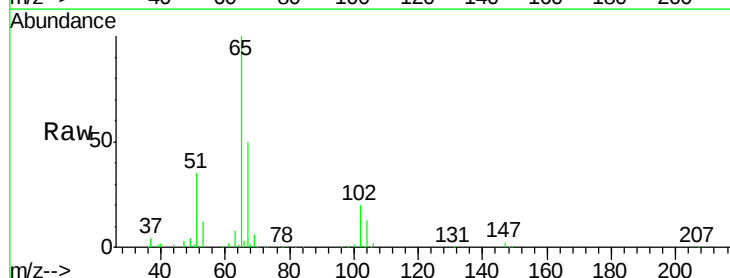
Acq: 24 Sep 2020 12:58

Tgt Ion: 65 Resp: 222905

Ion Ratio Lower Upper

65 100

67 50.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

60000

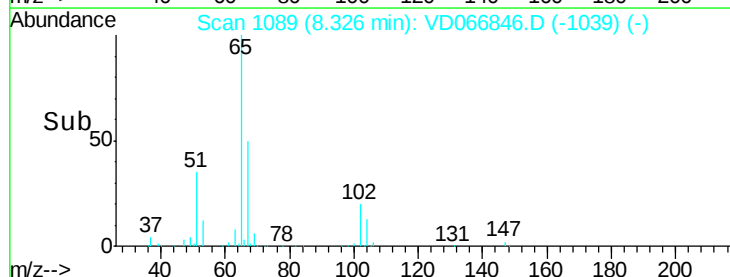
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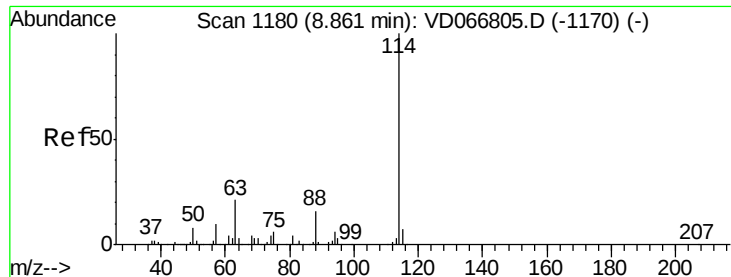
20000

0

8.25 8.30 8.35 8.40

Time-->

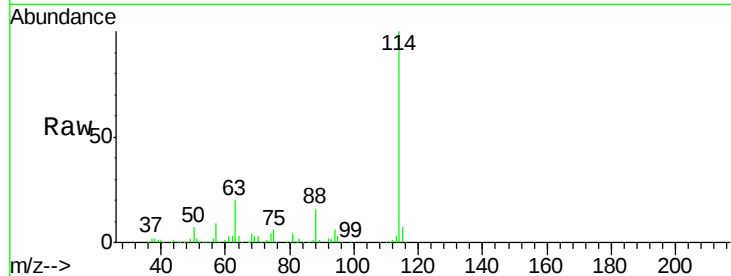




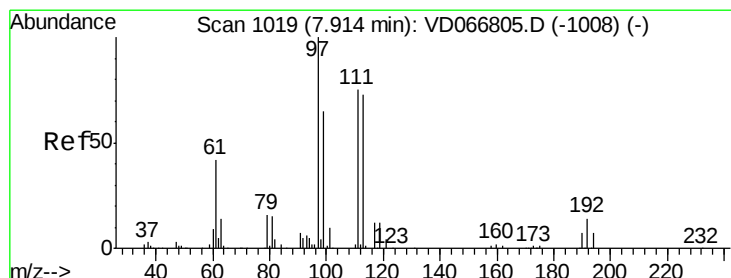
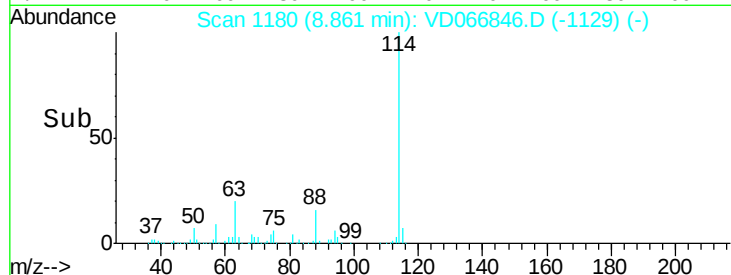
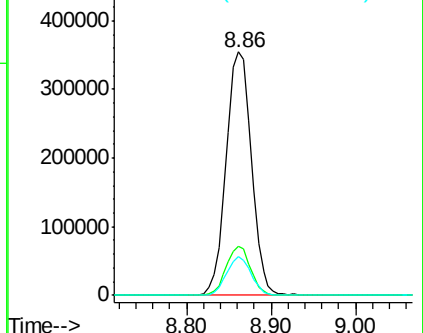
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066846.D
 Acq: 24 Sep 2020 12:58

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-21

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	15.7	0.0	32.6

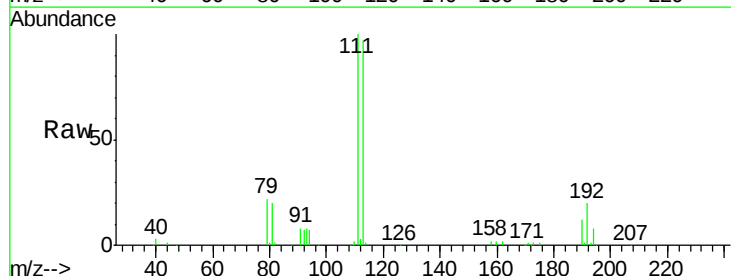


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

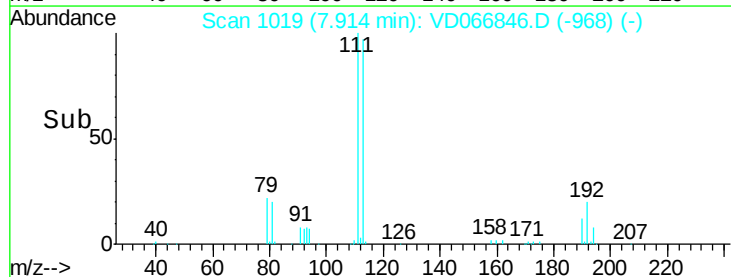
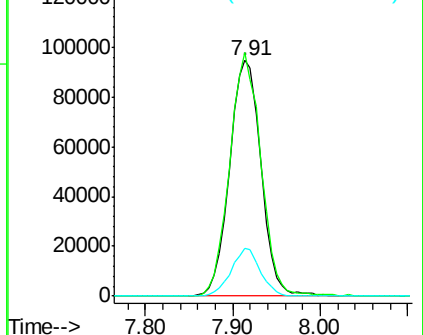


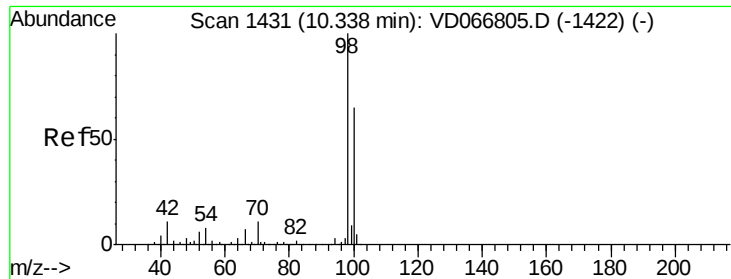
#35
 Dibromofluoromethane
 Concen: 49.327 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066846.D
 Acq: 24 Sep 2020 12:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	18.8	14.4	21.6



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

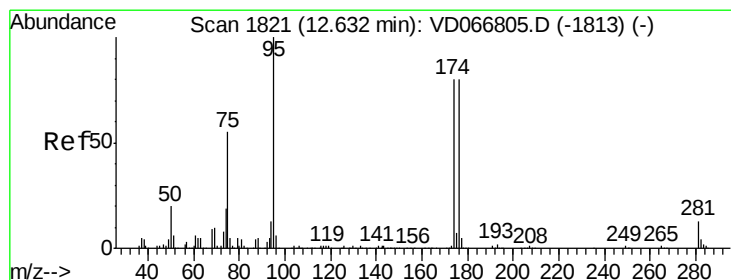
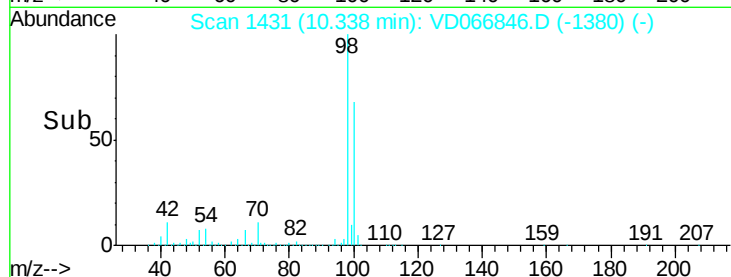
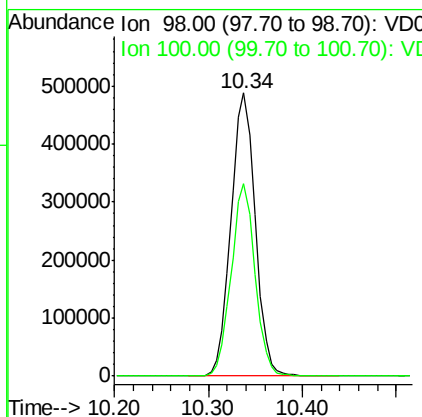
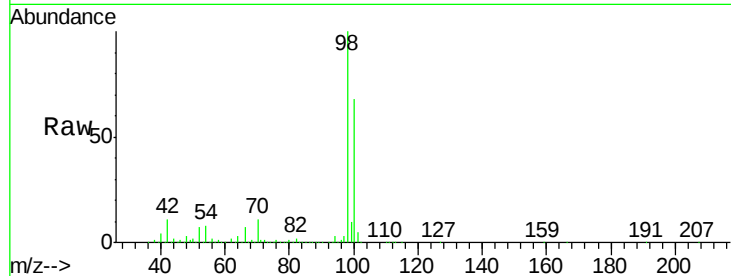




#50
Toluene-d8
Concen: 55.251 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066846.D
Acq: 24 Sep 2020 12:58

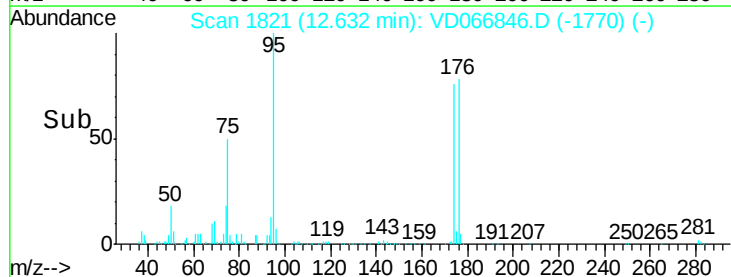
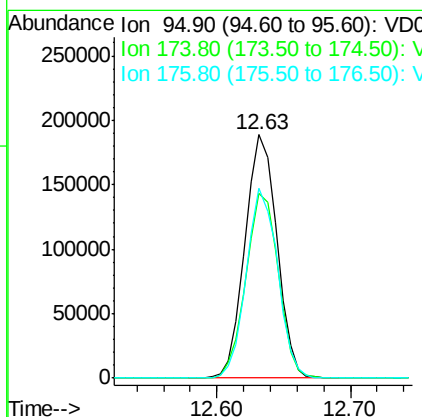
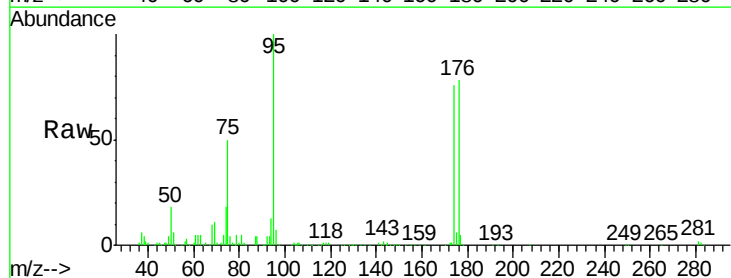
Instrument :
MSVOA_D
ClientSampled :
CS-21

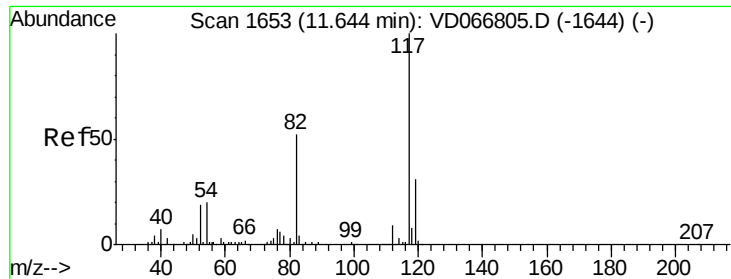
Tot Ion: 98 Resp: 879086
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 57.390 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066846.D
Acq: 24 Sep 2020 12:58

Tgt Ion: 95 Resp: 312595
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.8
176 76.1 0.0 154.4

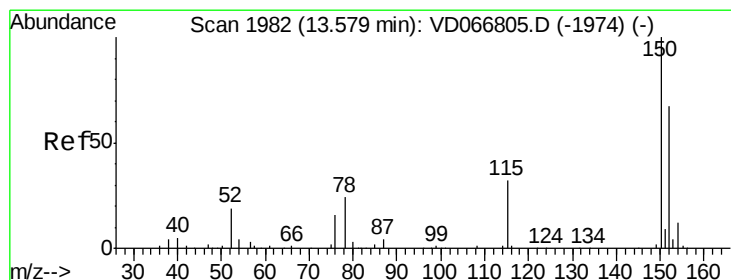
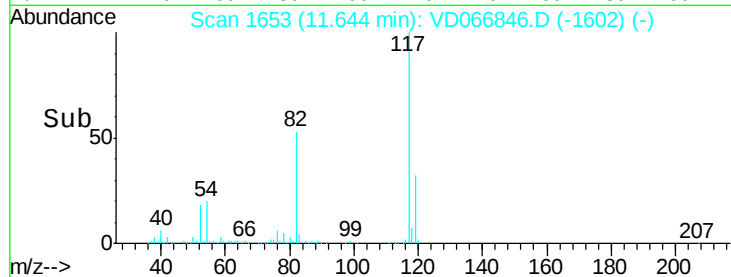
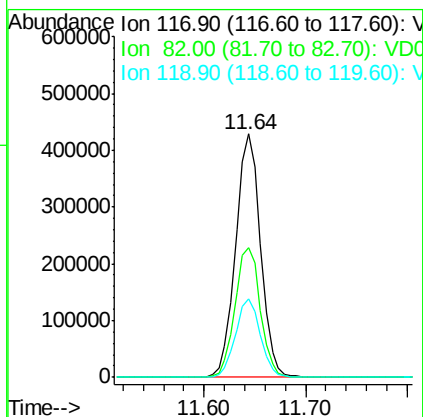
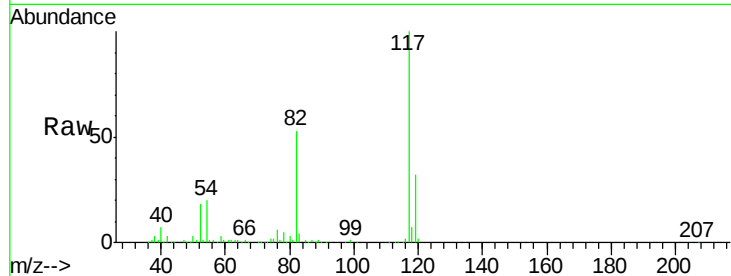




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066846.D
Acq: 24 Sep 2020 12:58

Instrument :
MSVOA_D
ClientSampled :
CS-21

Tot Ion:117 Resp: 729037
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 32.0 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: VD066846.D
Acq: 24 Sep 2020 12:58

Tgt Ion:152 Resp: 332683
Ion Ratio Lower Upper
152 100
115 60.2 30.3 91.0
150 156.7 0.0 346.2

