

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066855.D
 Acq On : 24 Sep 2020 17:06
 Operator : VA/SY
 Sample : L4125-12
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-30

Quant Time: Sep 25 01:59:29 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	375024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	683289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	675848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309476	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	204724	55.77	ug/l	0.00
Spiked Amount			Recovery	=	111.54%	
35) Dibromofluoromethane	7.91	113	218155	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.34	98	816329	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	
62) 4-Bromofluorobenzene	12.63	95	285745	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	

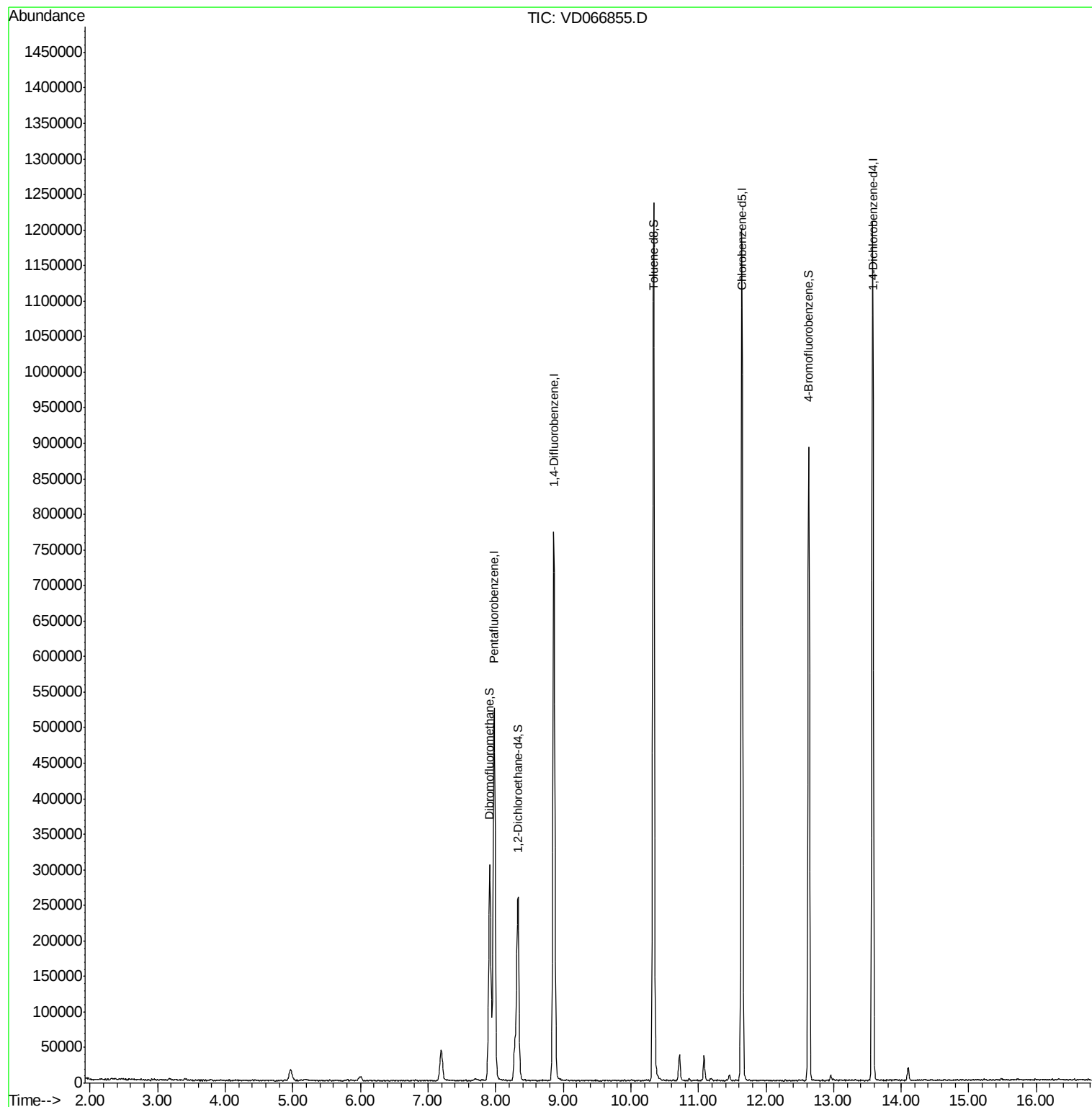
Target Compounds	Qvalue
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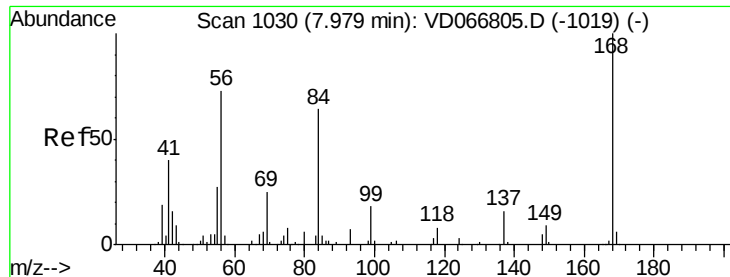
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066855.D

Acq: 24 Sep 2020 17:06

Instrument :

MSVOA_D

ClientSampleId :

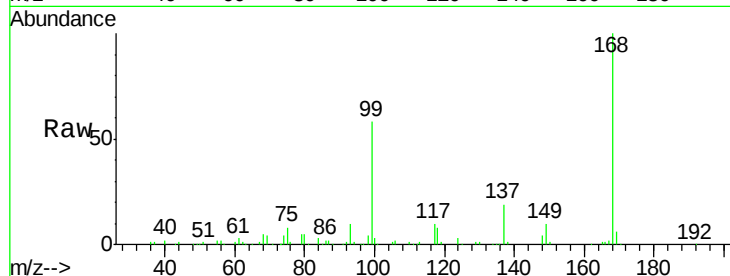
CS-30

Tot Ion:168 Resp: 375024

Ion Ratio Lower Upper

168 100

99 57.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

100000

50000

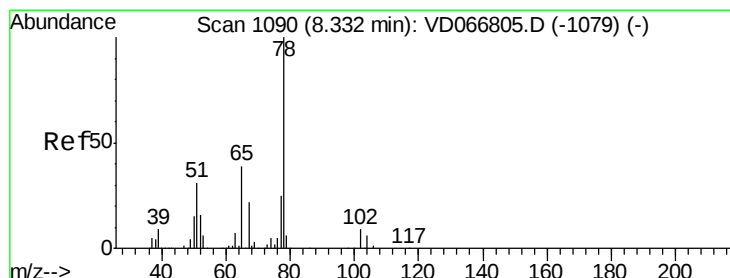
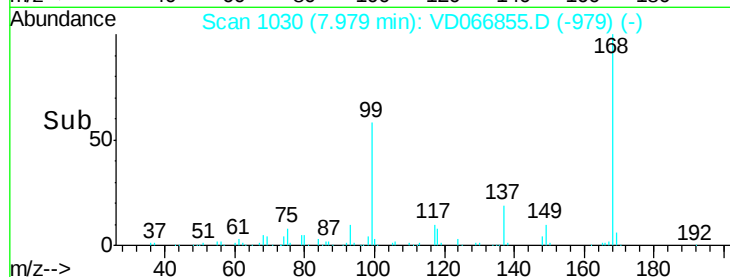
0

7.90

8.00

8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.774 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066855.D

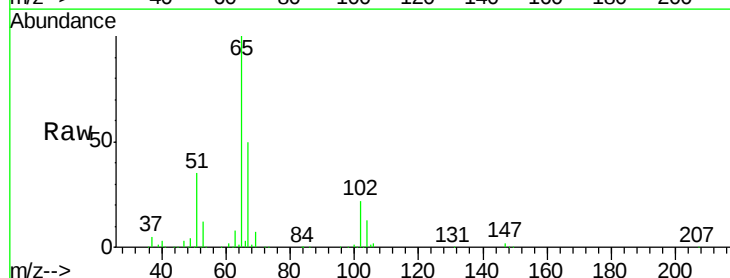
Acq: 24 Sep 2020 17:06

Tgt Ion: 65 Resp: 204724

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

100000

80000

60000

40000

20000

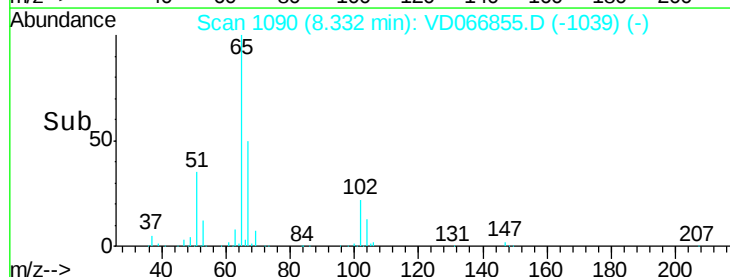
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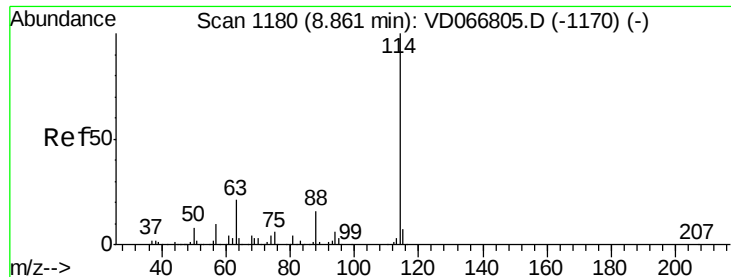
8.20

8.30

8.40

Time-->

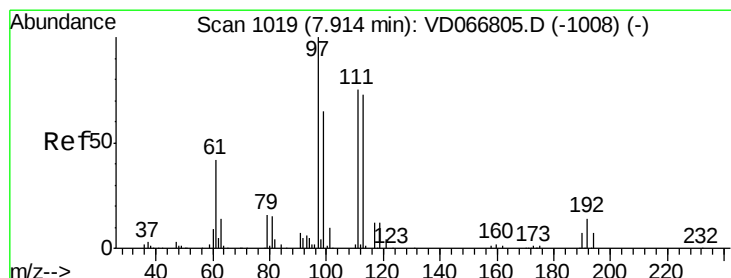
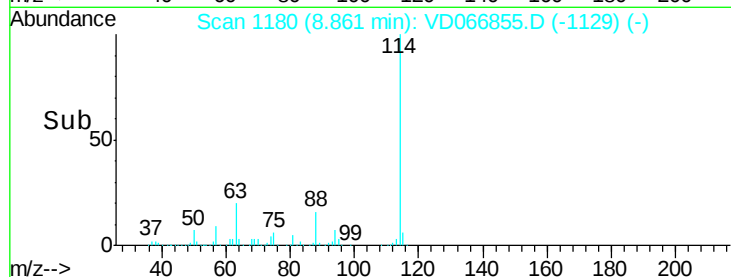
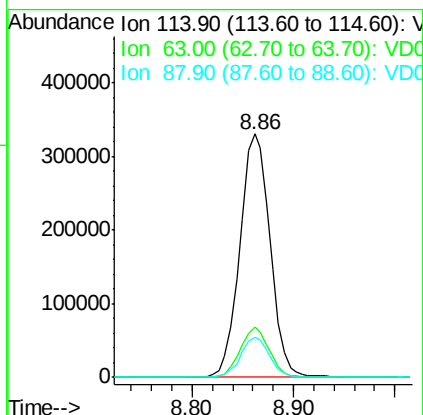
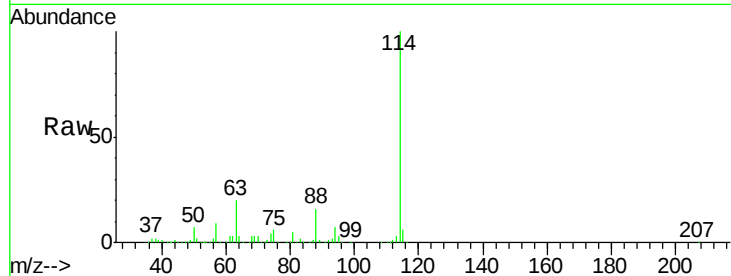




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066855.D
 Acq: 24 Sep 2020 17:06

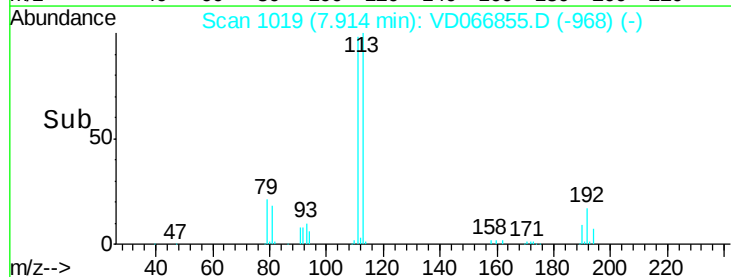
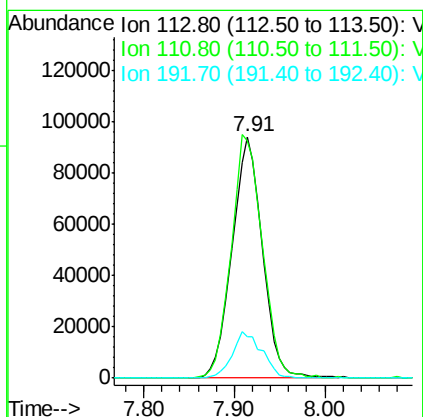
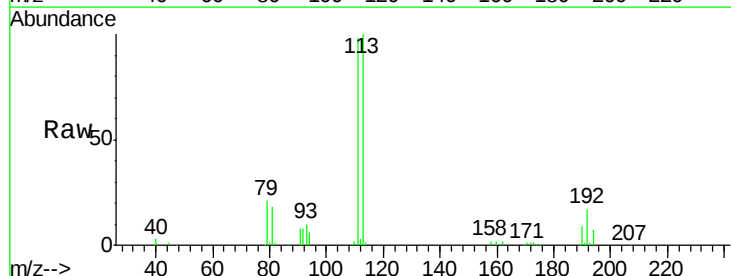
Instrument :
 MSVOA_D
 ClientSampleId :
 CS-30

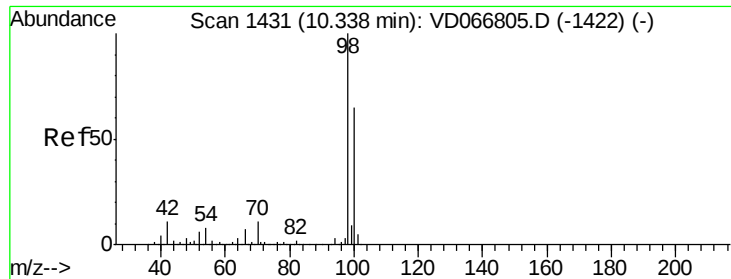
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.3	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.184 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066855.D
 Acq: 24 Sep 2020 17:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.8
192	19.0	14.4	21.6

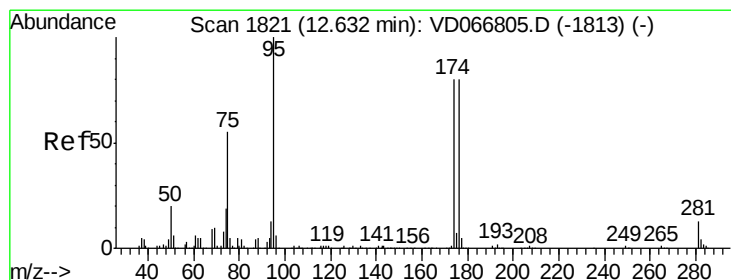
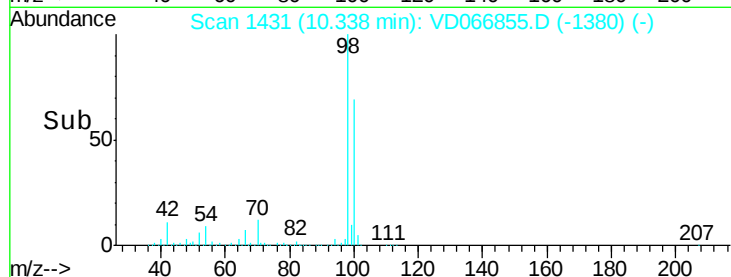
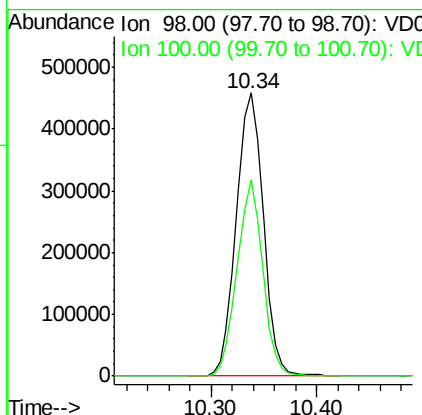
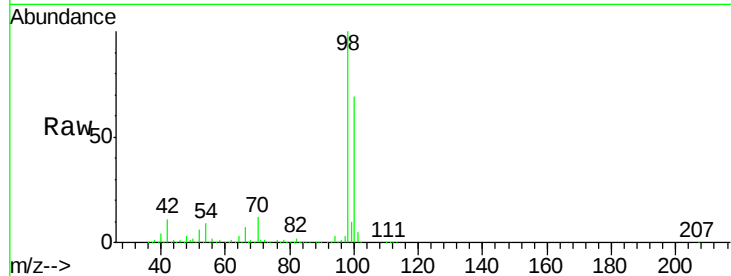




#50
Toluene-d8
Concen: 55.115 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066855.D
Acq: 24 Sep 2020 17:06

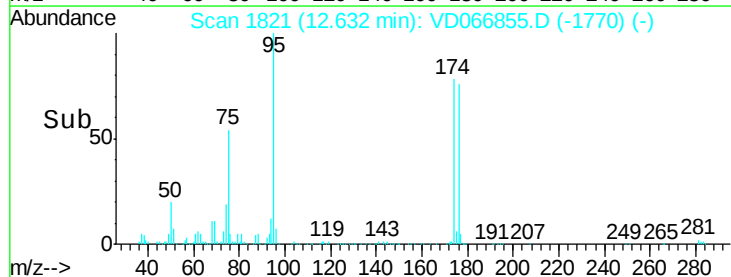
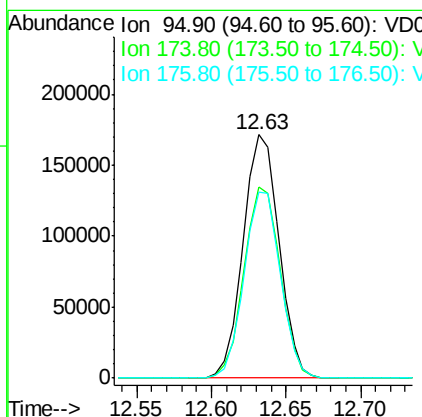
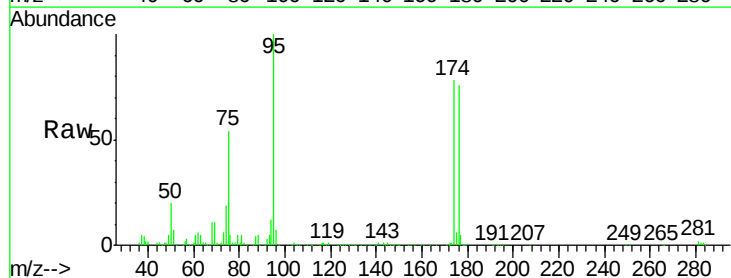
Instrument :
MSVOA_D
ClientSampleId :
CS-30

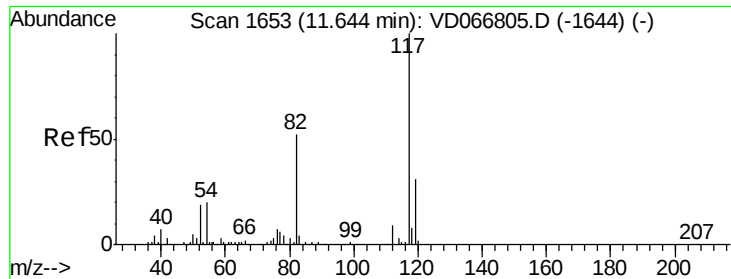
Tot Ion: 98 Resp: 816329
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 56.355 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066855.D
Acq: 24 Sep 2020 17:06

Tgt Ion: 95 Resp: 285745
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.8
176 77.2 0.0 154.4

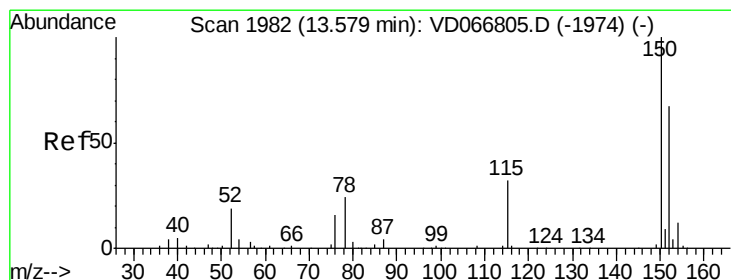
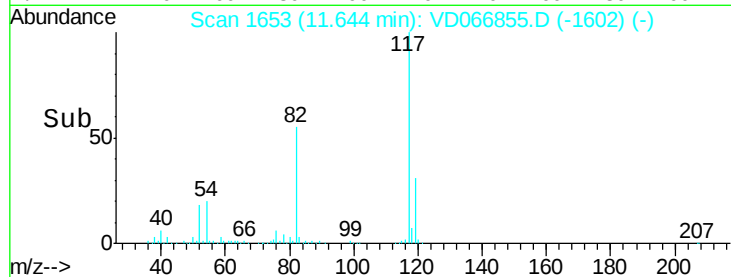
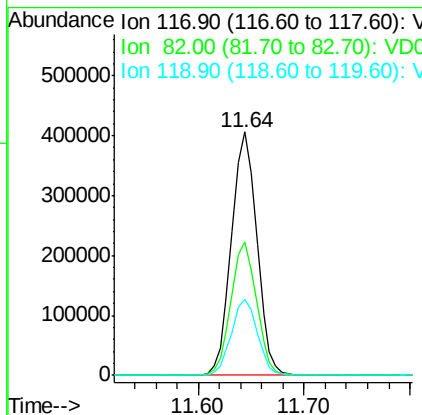
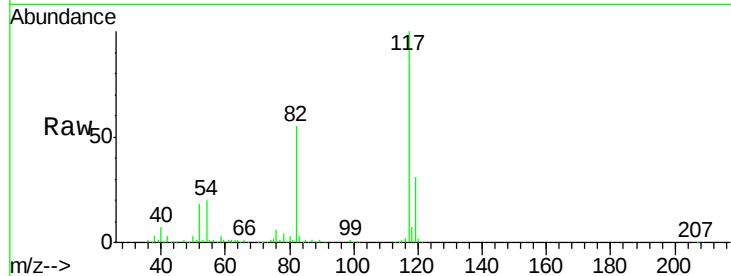




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066855.D
Acq: 24 Sep 2020 17:06

Instrument :
MSVOA_D
ClientSampleId :
CS-30

Tot Ion:117 Resp: 675848
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.6
119 31.0 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: VD066855.D
Acq: 24 Sep 2020 17:06

Tgt Ion:152 Resp: 309476
Ion Ratio Lower Upper
152 100
115 60.5 30.3 91.0
150 156.4 0.0 346.2

