

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066854.D
 Acq On : 24 Sep 2020 16:38
 Operator : VA/SY
 Sample : L4125-11
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-29

Quant Time: Sep 25 01:57:17 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	382512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	684693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	693435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	313143	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	206759	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
35) Dibromofluoromethane	7.91	113	220275	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.34	98	836232	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
62) 4-Bromofluorobenzene	12.63	95	294821	58.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.06%	

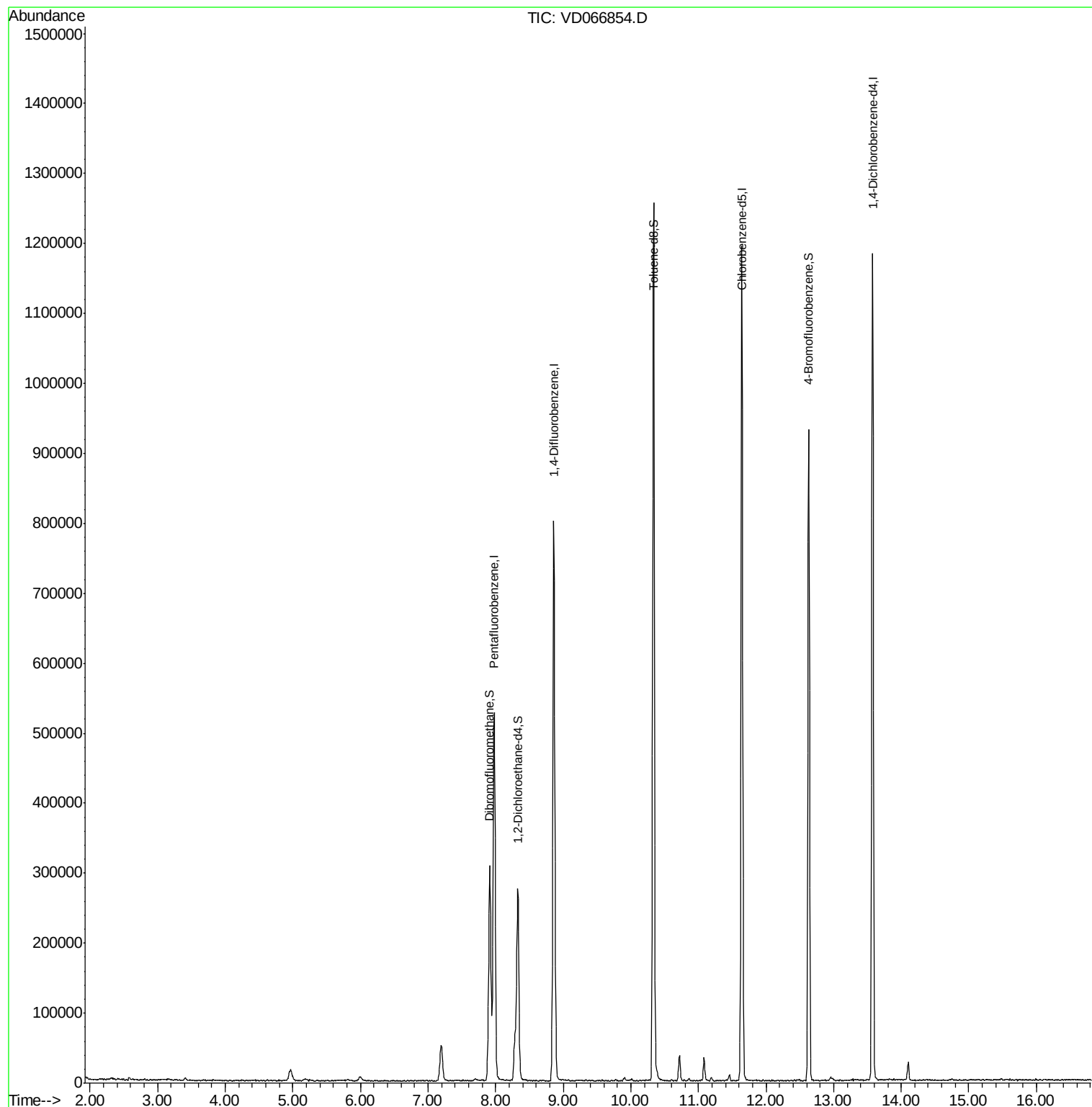
Target Compounds	Qvalue

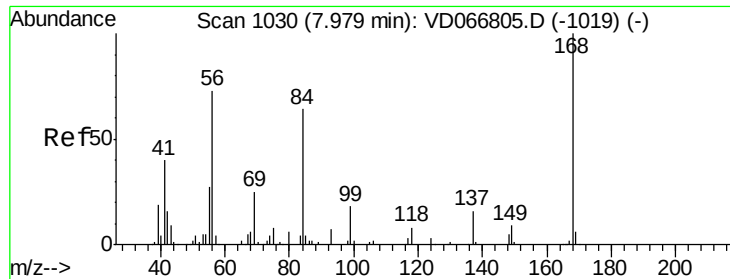
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066854.D

Acq: 24 Sep 2020 16:38

Instrument :

MSVOA_D

ClientSampleID :

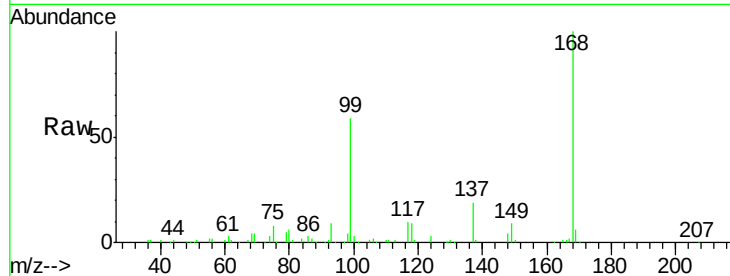
CS-29

Tot Ion:168 Resp: 382512

Ion Ratio Lower Upper

168 100

99 59.1 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

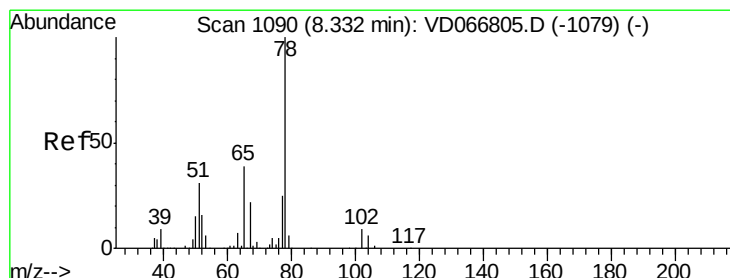
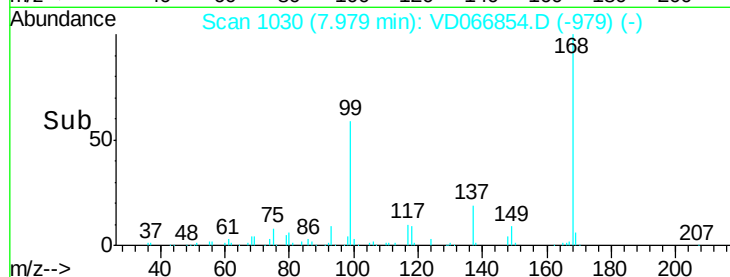
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.226 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066854.D

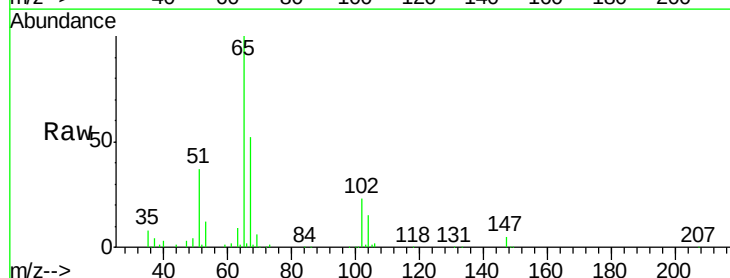
Acq: 24 Sep 2020 16:38

Tgt Ion: 65 Resp: 206759

Ion Ratio Lower Upper

65 100

67 54.0 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

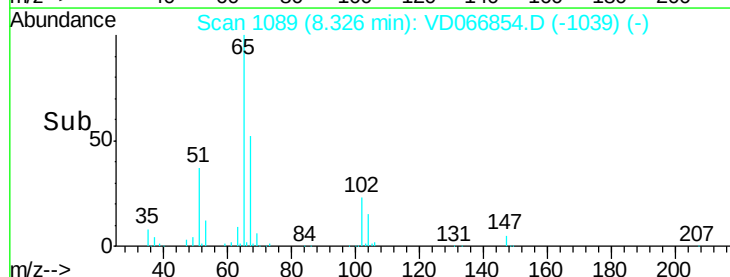
40000

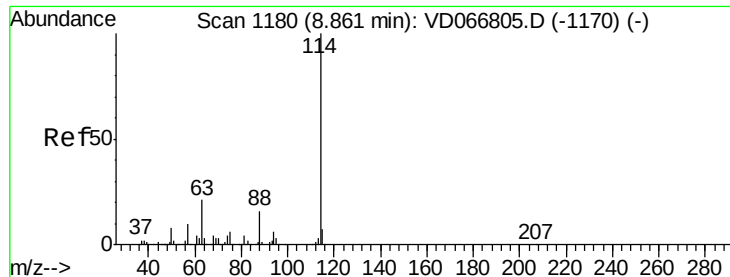
20000

0

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: VD066854.D

Acq: 24 Sep 2020 16:38

Instrument :

MSVOA_D

ClientSampleId :

CS-29

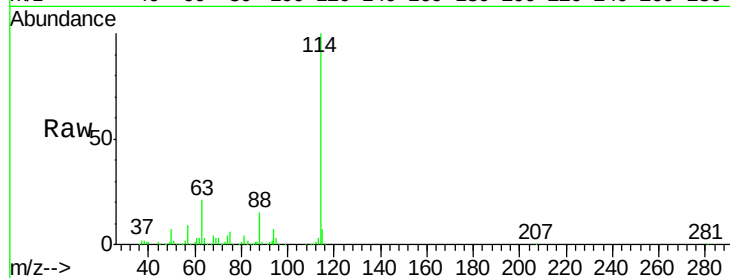
Tot Ion:114 Resp: 684693

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

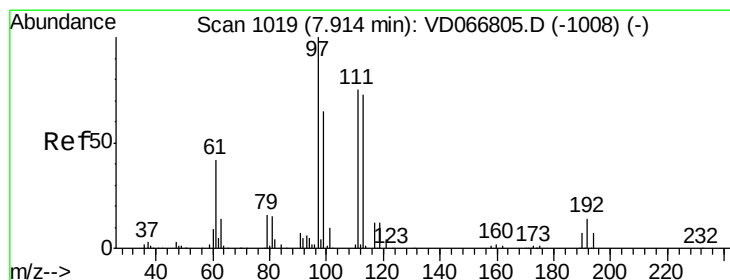
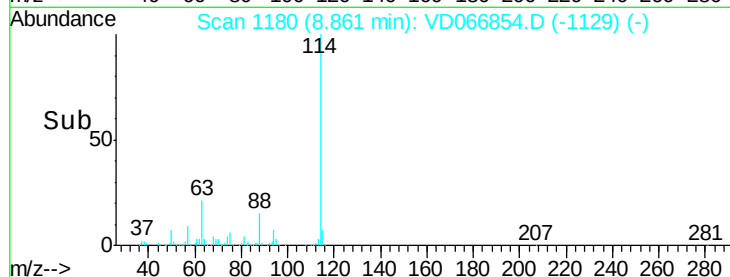
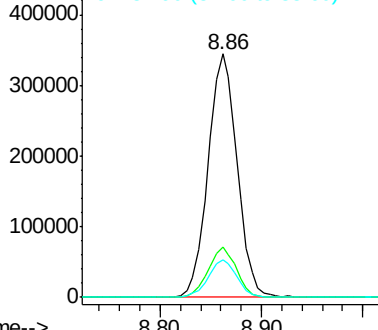
88 15.4 0.0 32.6



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: 50.568 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066854.D

Acq: 24 Sep 2020 16:38

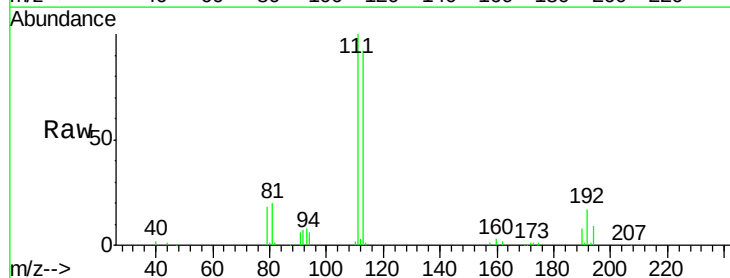
Tgt Ion:113 Resp: 220275

Ion Ratio Lower Upper

113 100

111 104.6 81.8 122.8

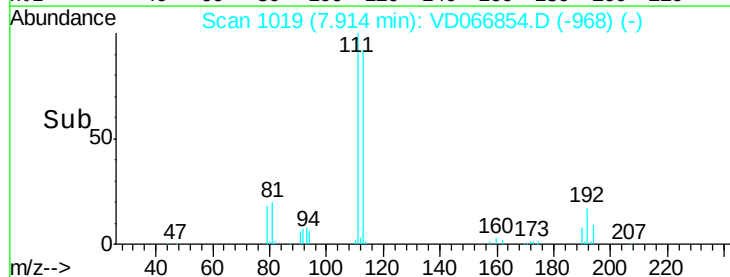
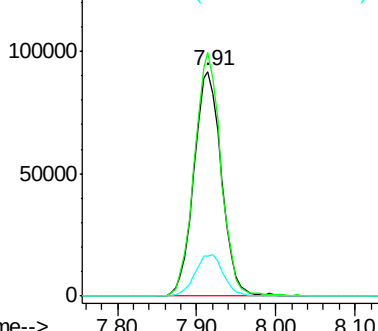
192 18.9 14.4 21.6

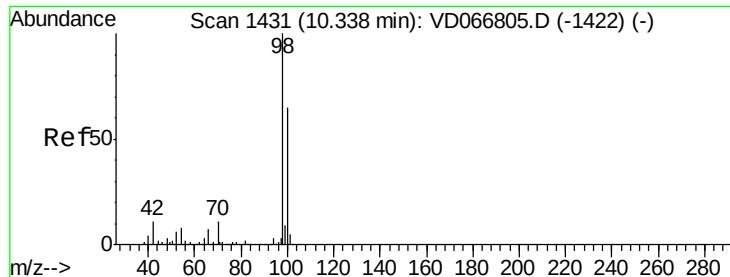


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

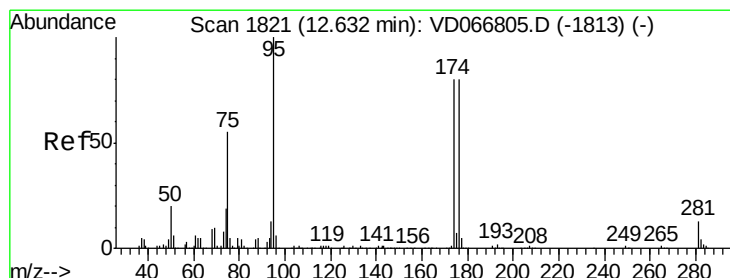
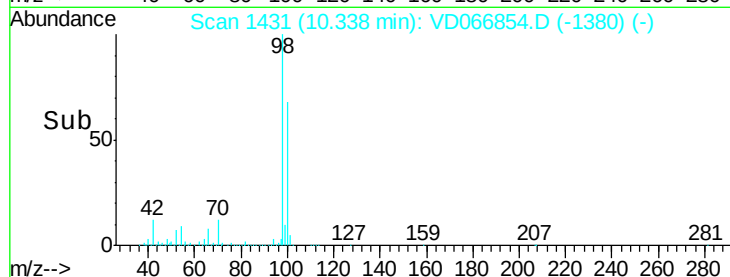
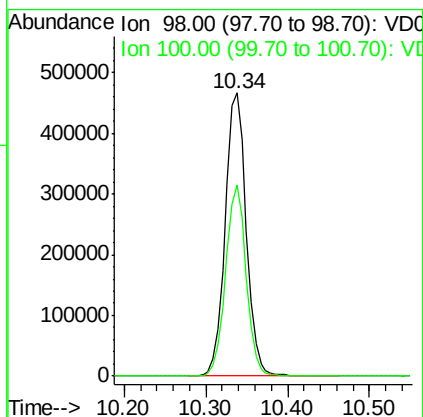
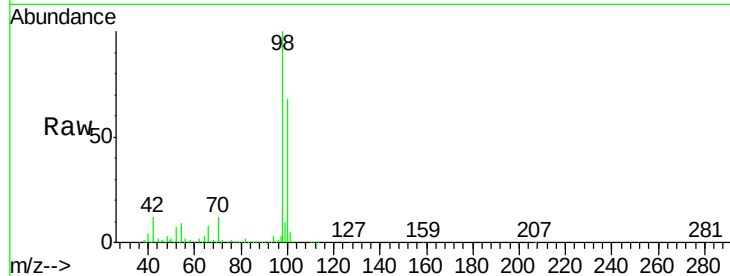




#50
Toluene-d8
Concen: 56.343 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066854.D
Acq: 24 Sep 2020 16:38

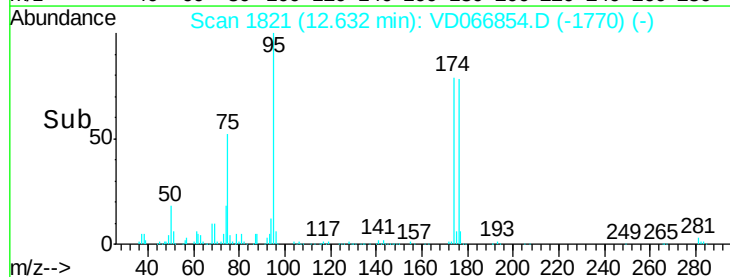
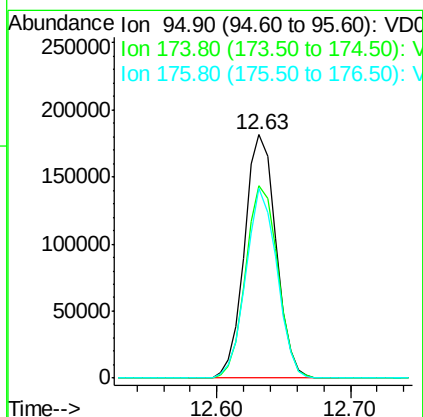
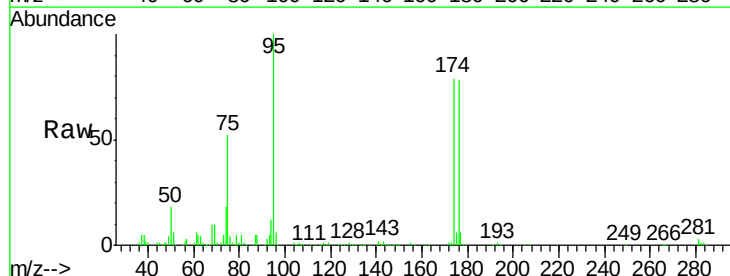
Instrument :
MSVOA_D
ClientSampled :
CS-29

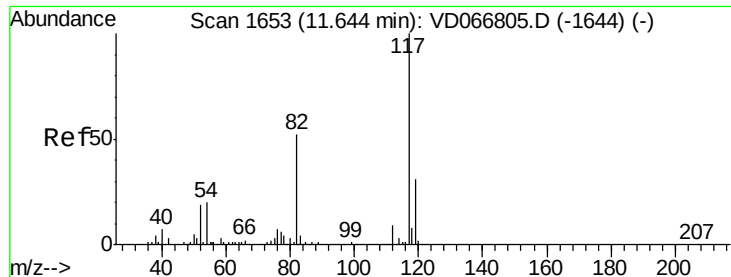
Tot Ion: 98 Resp: 836232
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 58.026 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066854.D
Acq: 24 Sep 2020 16:38

Tgt Ion: 95 Resp: 294821
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.8
176 77.0 0.0 154.4

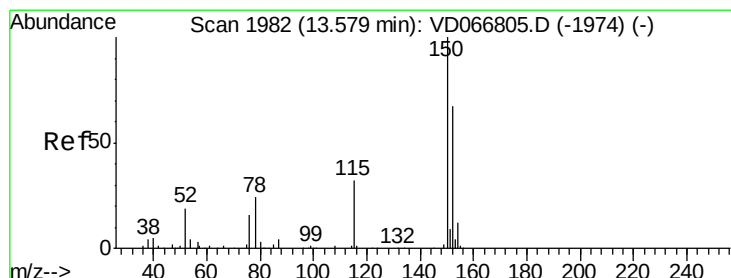
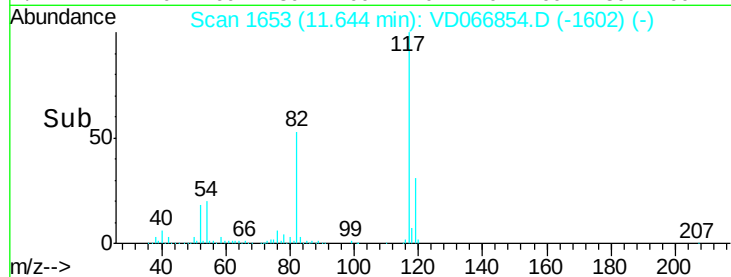
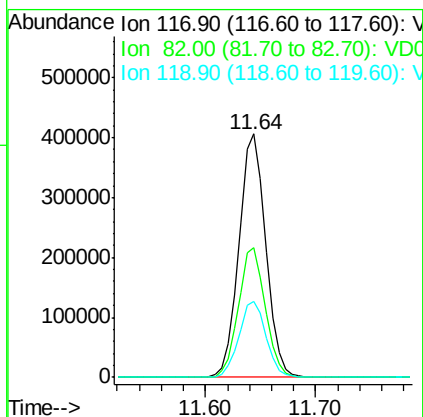
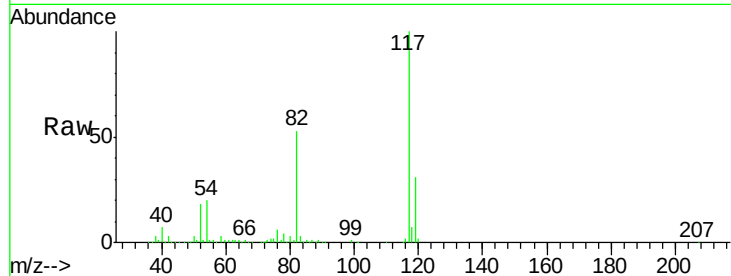




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066854.D
Acq: 24 Sep 2020 16:38

Instrument :
MSVOA_D
ClientSampleId :
CS-29

Tot Ion:117 Resp: 693435
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.6
119 31.4 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066854.D
Acq: 24 Sep 2020 16:38

Tgt Ion:152 Resp: 313143
Ion Ratio Lower Upper
152 100
115 60.2 30.3 91.0
150 158.5 0.0 346.2

