

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066404.D
 Acq On : 25 Aug 2020 16:06
 Operator : VA/SY
 Sample : L3784-10
 Misc : 5.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-24

Quant Time: Aug 26 08:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	224671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	339357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	312365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	159946	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123308	55.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.96%	
35) Dibromofluoromethane	7.91	113	111008	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	10.34	98	403269	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.63	95	137661	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

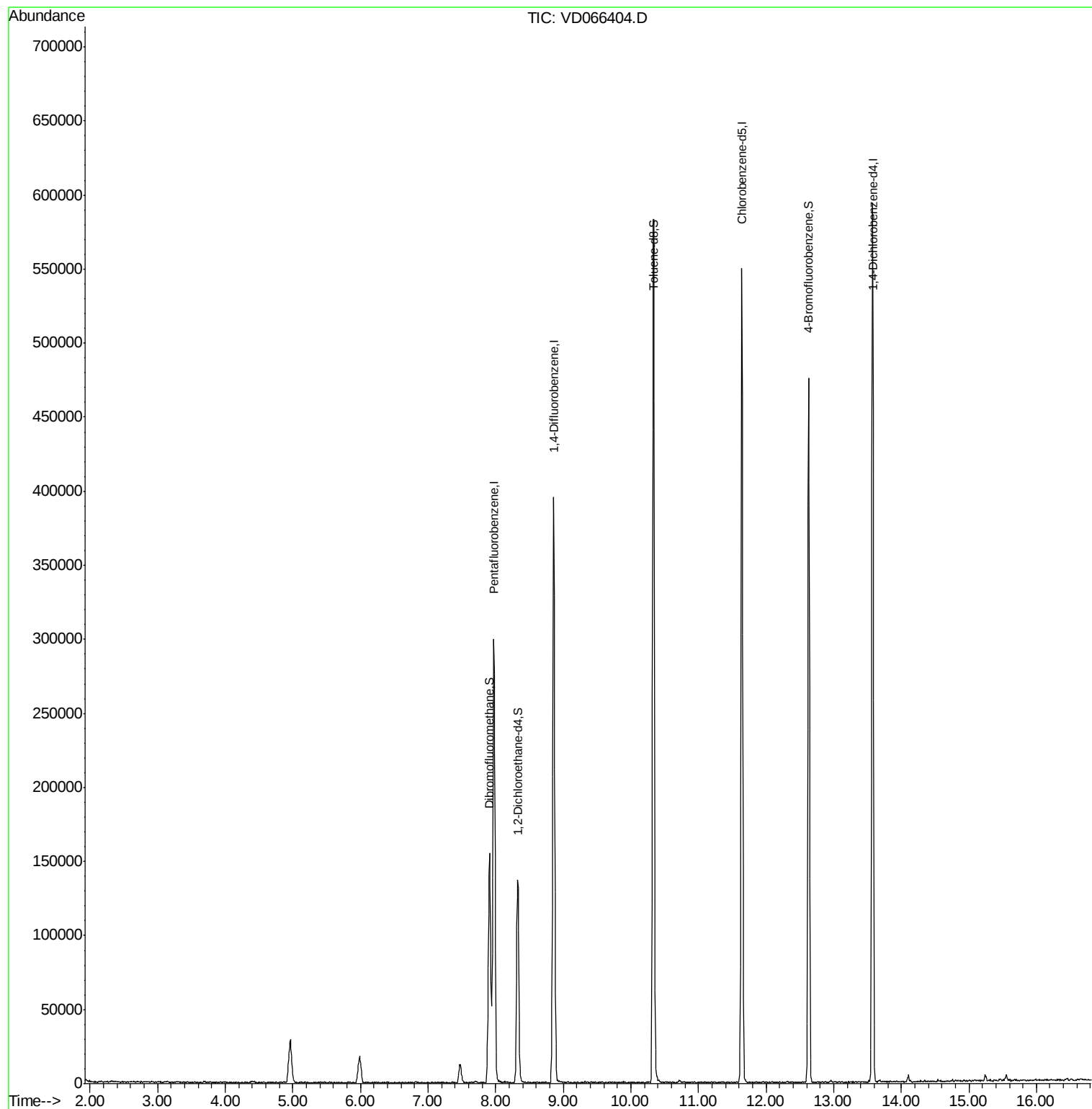
Target Compounds	Qvalue

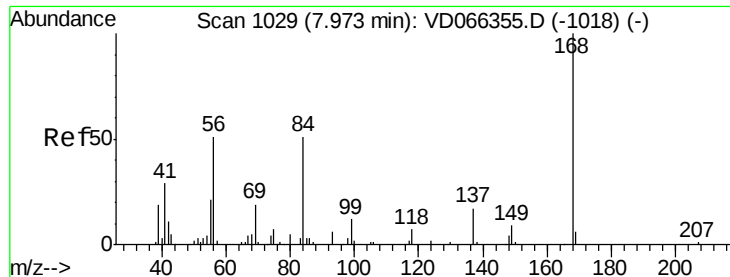
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066404.D

Acq: 25 Aug 2020 16:06

Instrument :

MSVOA_D

ClientSampleId :

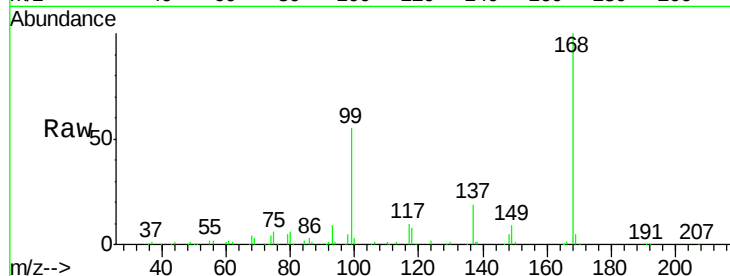
RO-24

Tot Ion:168 Resp: 224671

Ion Ratio Lower Upper

168 100

99 55.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

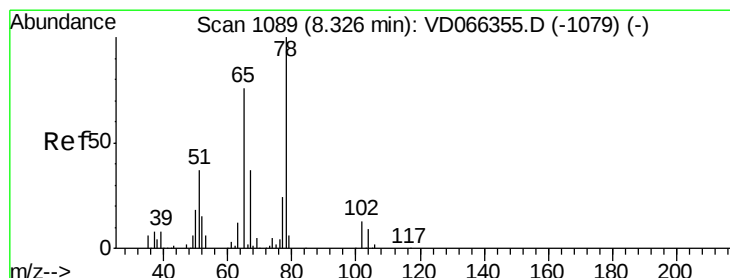
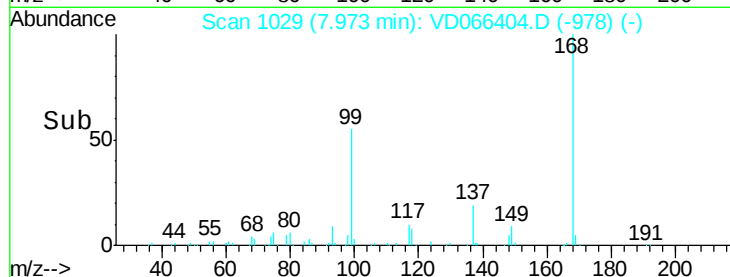
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.981 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066404.D

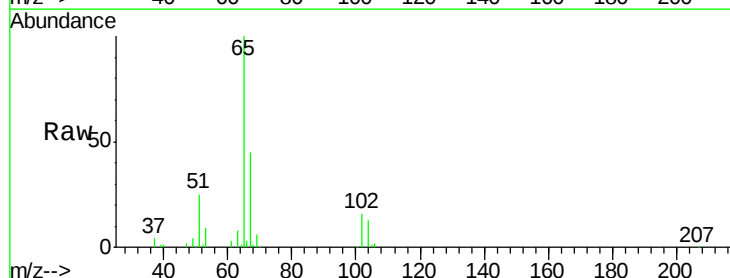
Acq: 25 Aug 2020 16:06

Tgt Ion: 65 Resp: 123308

Ion Ratio Lower Upper

65 100

67 46.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

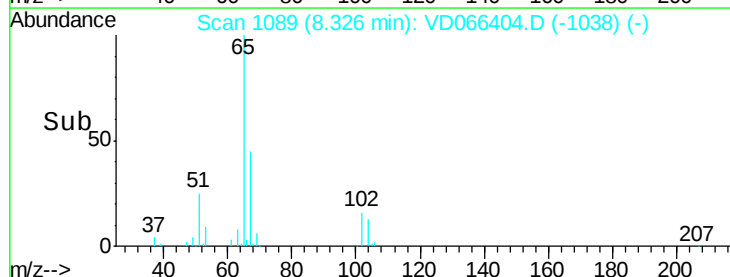
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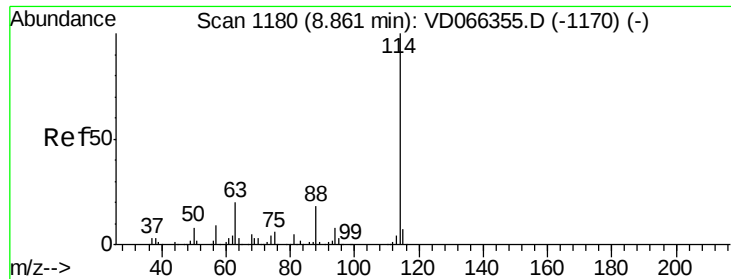
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10000

0

Time-->

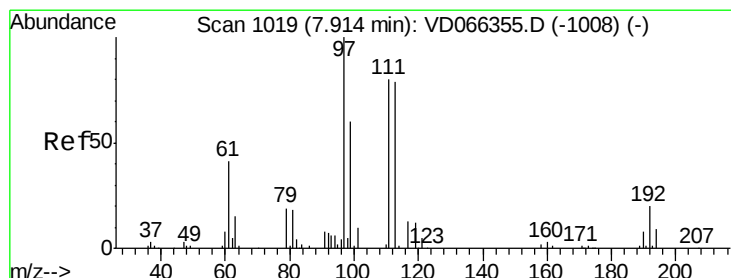
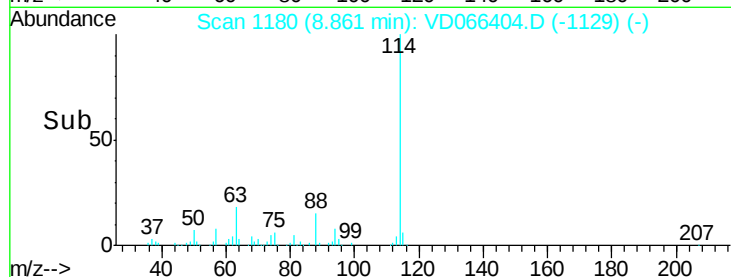
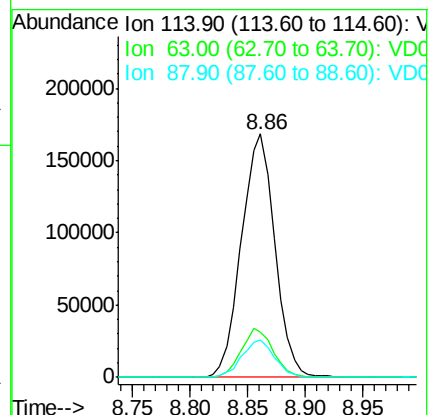
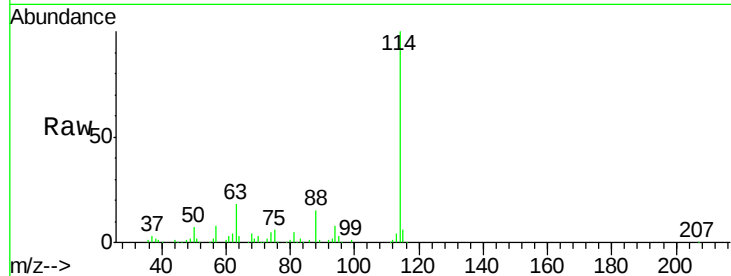




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066404.D
 Acq: 25 Aug 2020 16:06

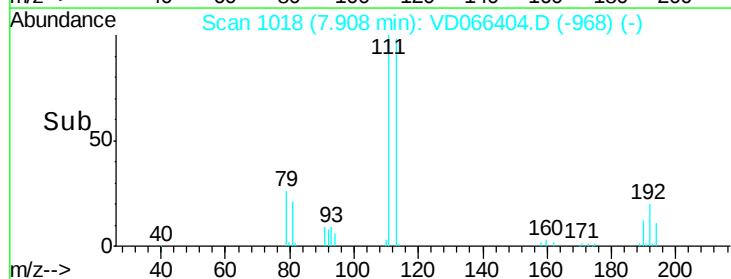
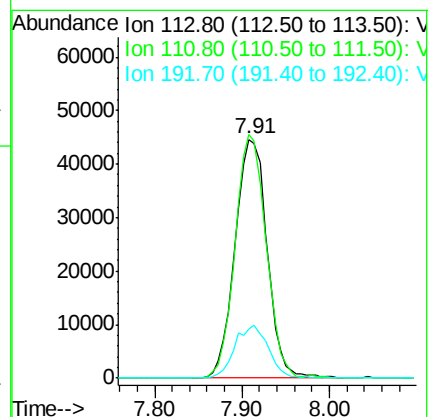
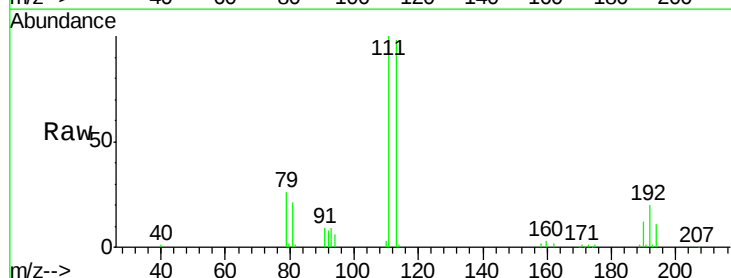
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-24

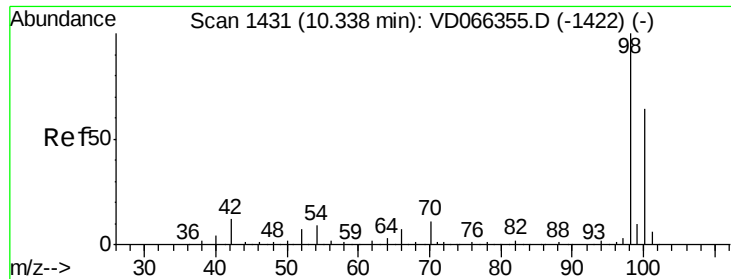
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	40.8
88	15.2	0.0	35.4



#35
 Dibromofluoromethane
 Concen: 52.312 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066404.D
 Acq: 25 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.1	80.3	120.5
192	22.8	19.0	28.6

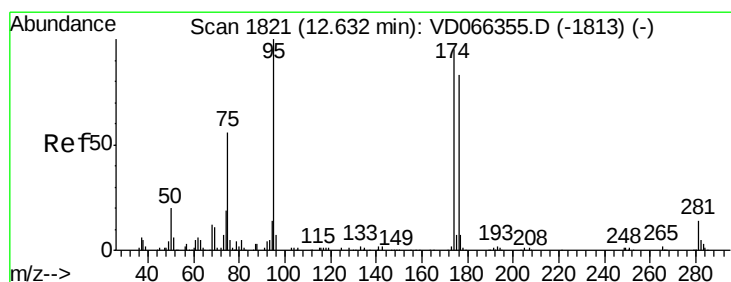
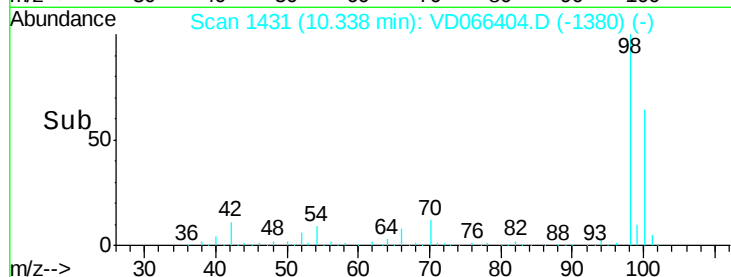
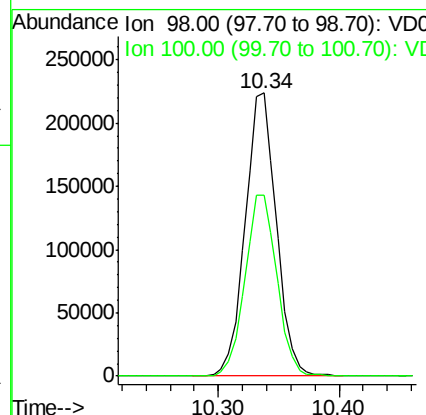
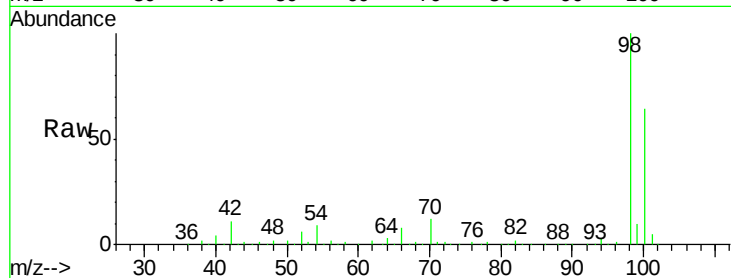




#50
Toluene-d8
Concen: 51.939 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066404.D
Acq: 25 Aug 2020 16:06

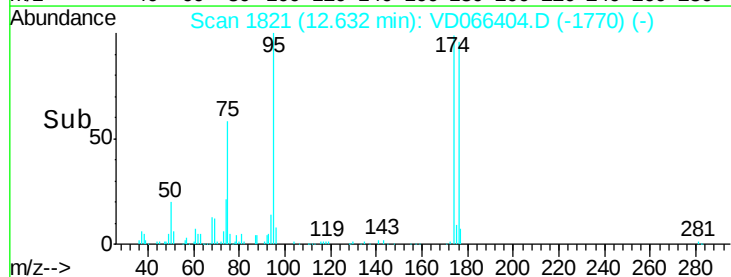
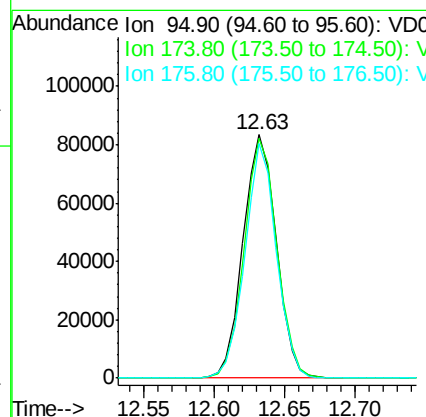
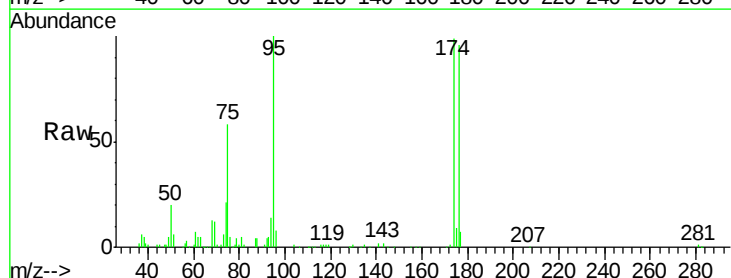
Instrument :
MSVOA_D
ClientSampleId :
RO-24

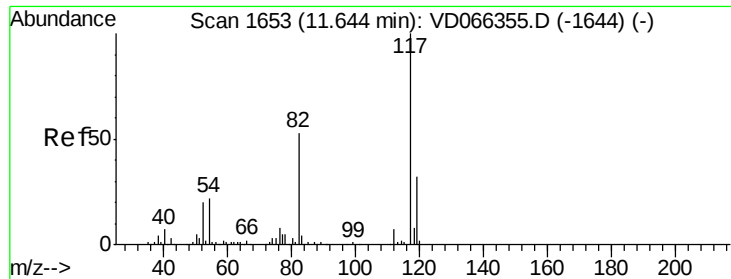
Tot Ion: 98 Resp: 403269
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.966 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066404.D
Acq: 25 Aug 2020 16:06

Tgt Ion: 95 Resp: 137661
Ion Ratio Lower Upper
95 100
174 96.9 0.0 183.4
176 91.3 0.0 173.8

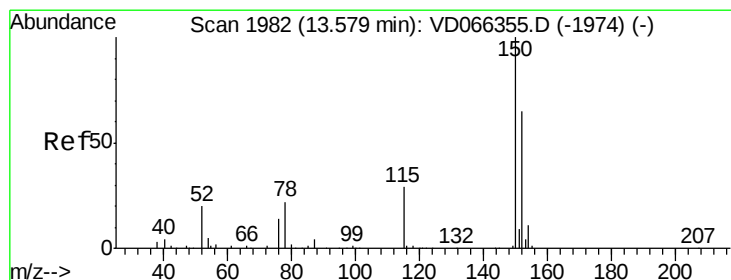
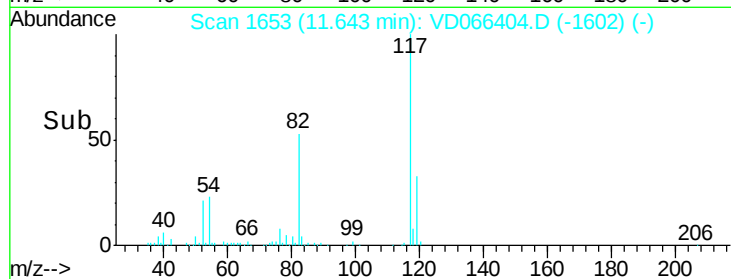
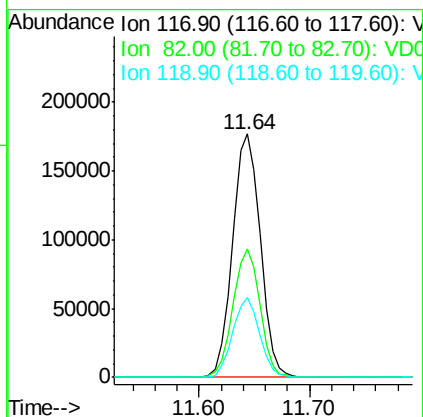
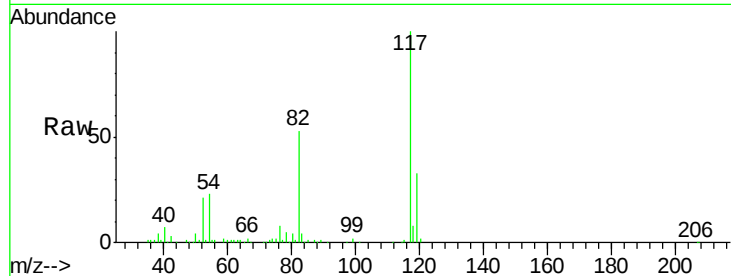




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066404.D
Acq: 25 Aug 2020 16:06

Instrument :
MSVOA_D
ClientSampleId :
RO-24

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.8	64.2
119	33.0	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: VD066404.D
Acq: 25 Aug 2020 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.3	85.0
150	157.1	0.0	343.2

