

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066405.D
 Acq On : 25 Aug 2020 16:33
 Operator : VA/SY
 Sample : L3784-13
 Misc : 6.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-06

Quant Time: Aug 26 08:38:28 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	216286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	322717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	305213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	122368	57.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.42%	
35) Dibromofluoromethane	7.91	113	105633	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.34	98	387975	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.63	95	137758	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	

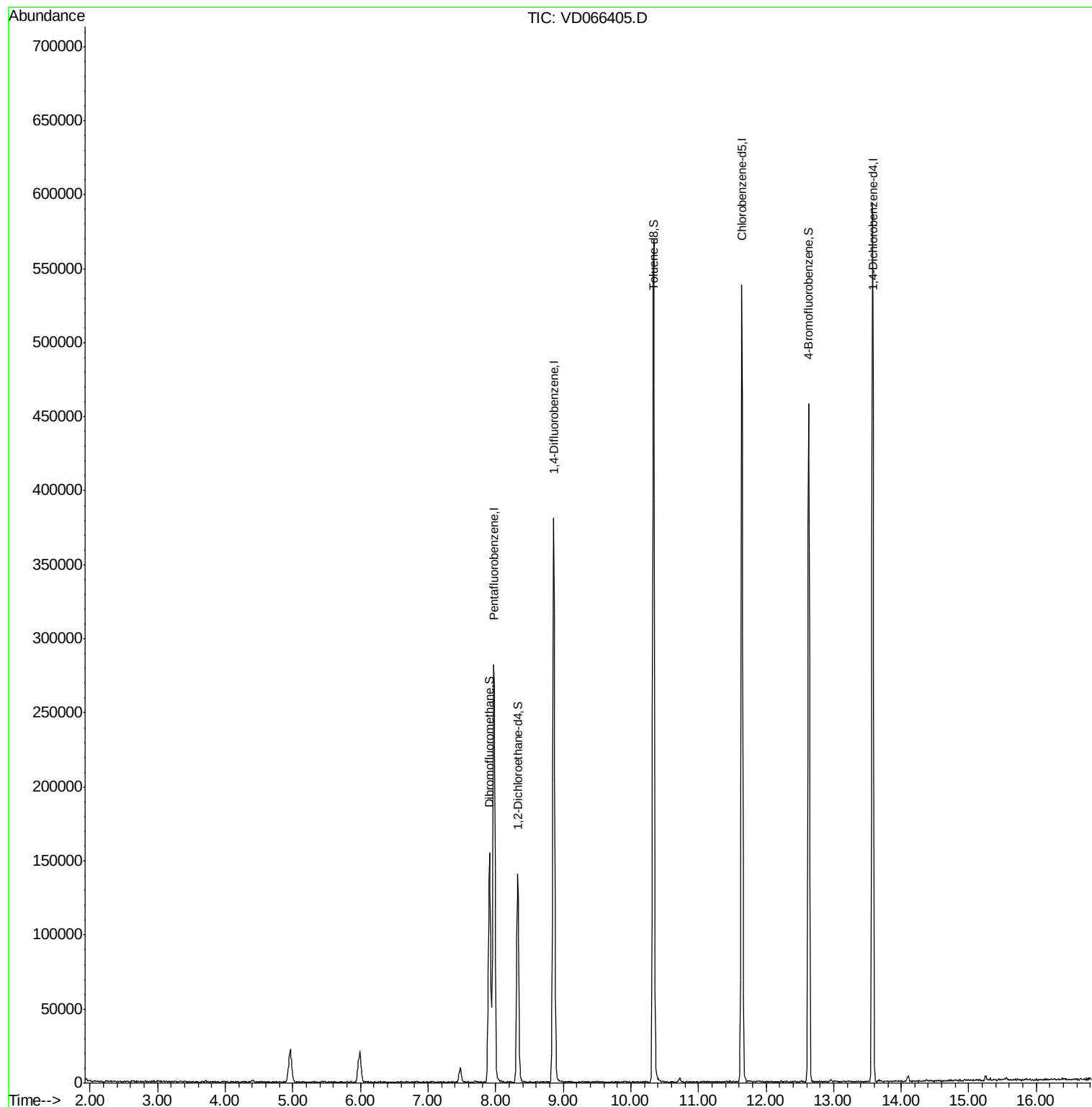
Target Compounds	Qvalue
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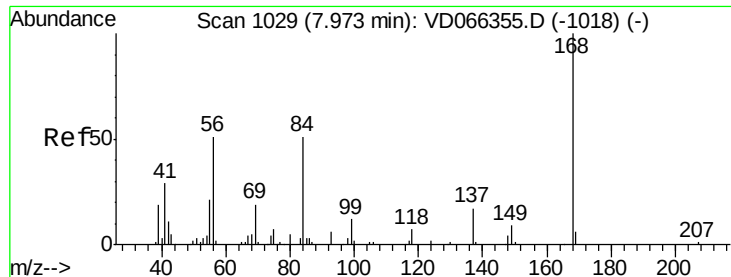
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

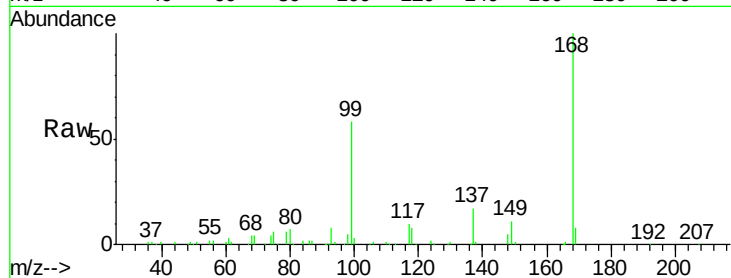
RO-06

Tot Ion:168 Resp: 216286

Ion Ratio Lower Upper

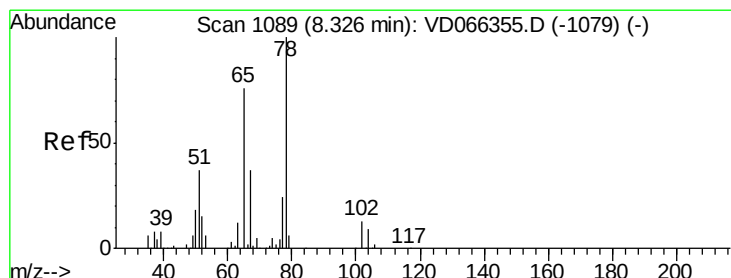
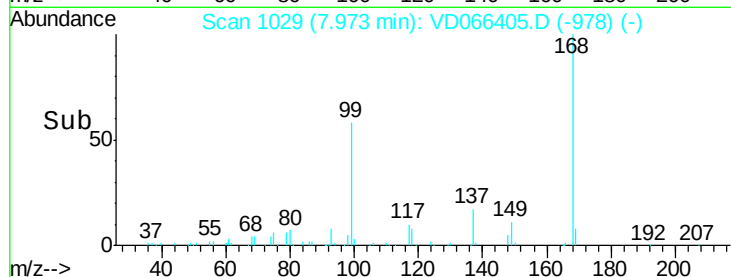
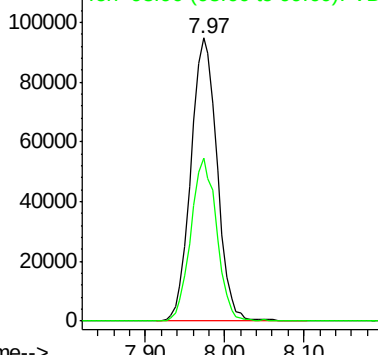
168 100

99 57.7 45.4 68.0



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: 57.708 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066405.D

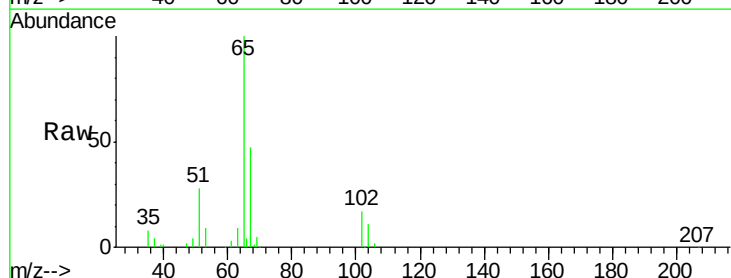
Acq: 25 Aug 2020 16:33

Tgt Ion: 65 Resp: 122368

Ion Ratio Lower Upper

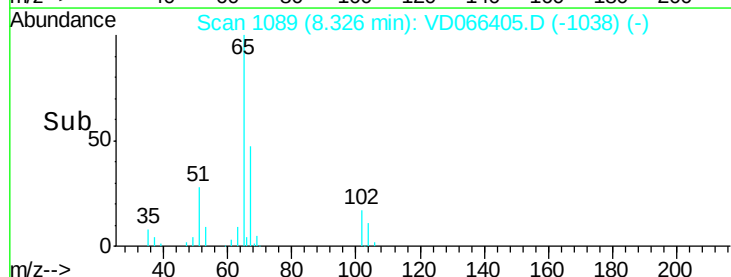
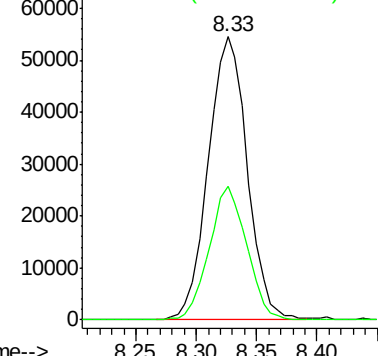
65 100

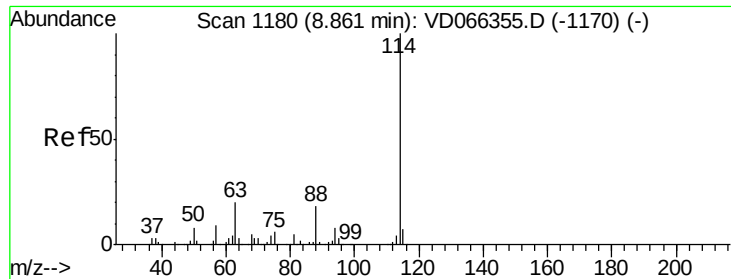
67 45.4 0.0 101.6



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: VD066405.D

Acq: 25 Aug 2020 16:33

Instrument :

MSVOA_D

ClientSampleId :

RO-06

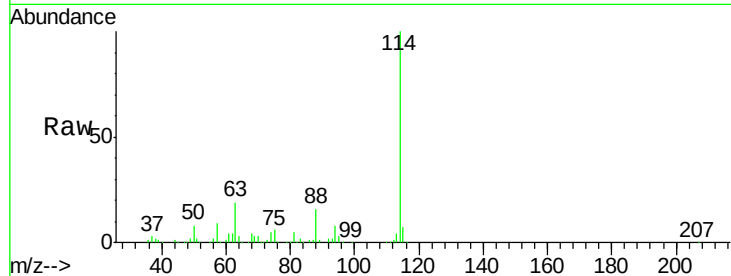
Tot Ion:114 Resp: 322717

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

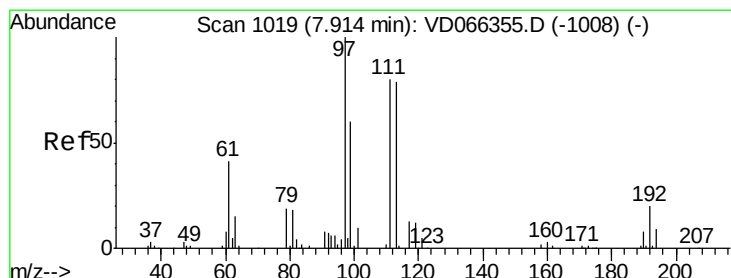
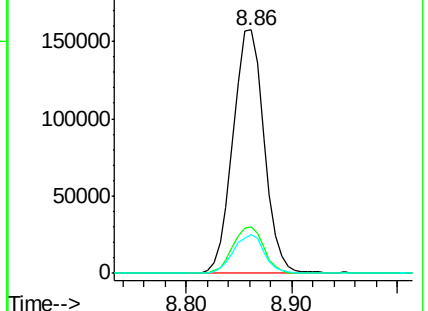
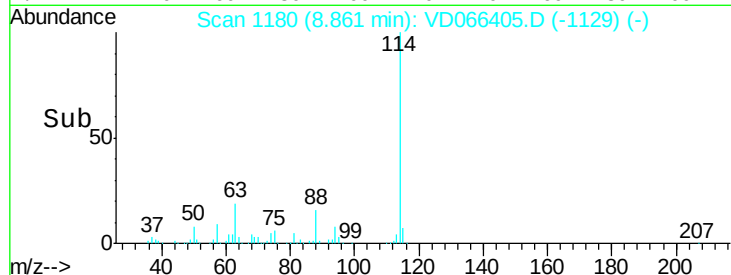
88 15.7 0.0 35.4



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: 52.346 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066405.D

Acq: 25 Aug 2020 16:33

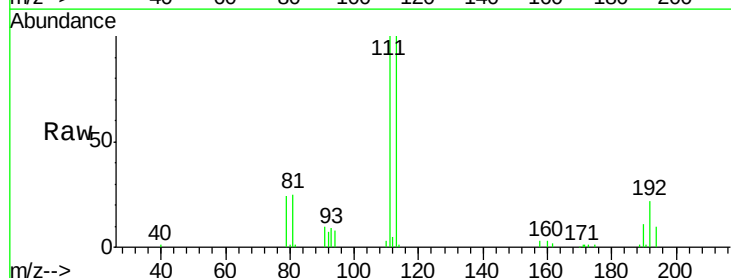
Tgt Ion:113 Resp: 105633

Ion Ratio Lower Upper

113 100

111 102.0 80.3 120.5

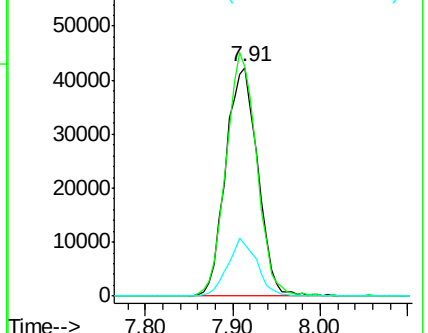
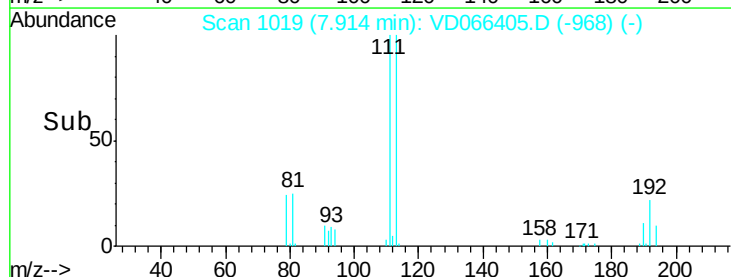
192 22.9 19.0 28.6

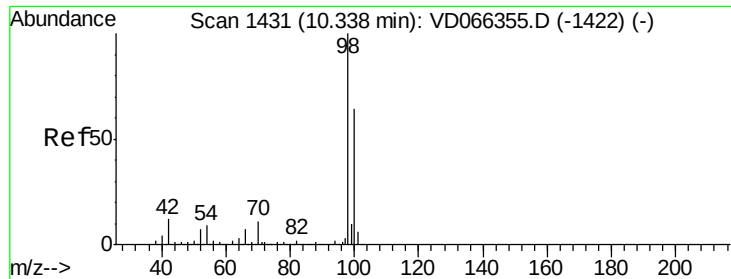


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

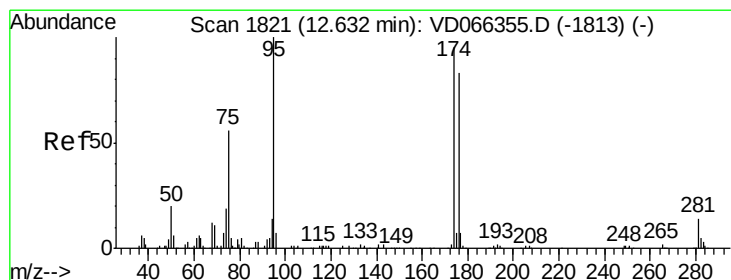
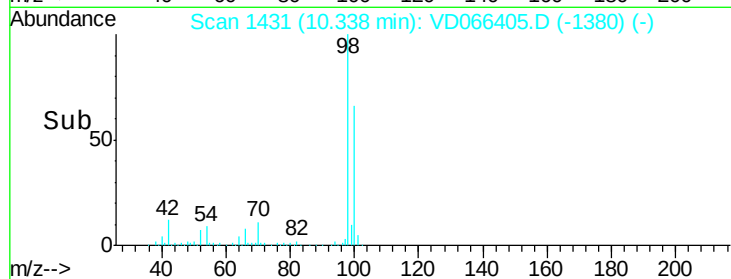
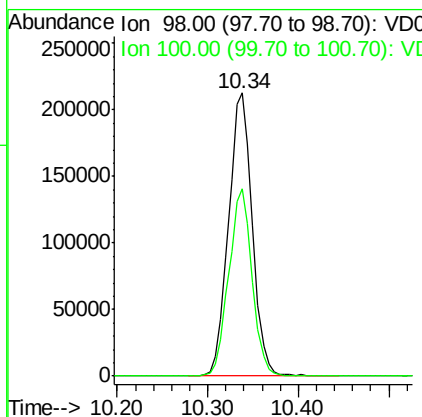
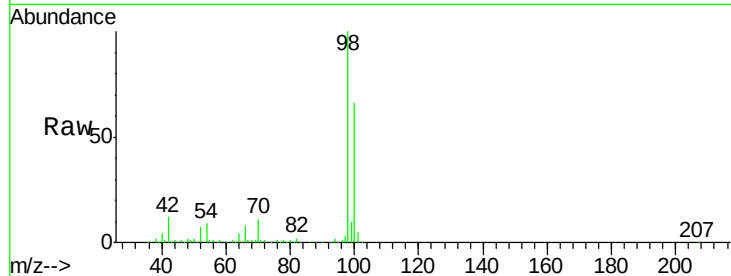




#50
Toluene-d8
Concen: 52.546 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066405.D
Acq: 25 Aug 2020 16:33

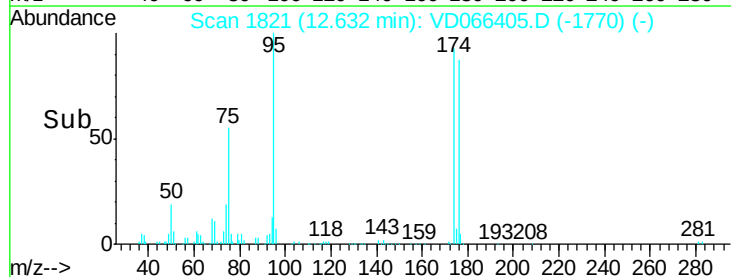
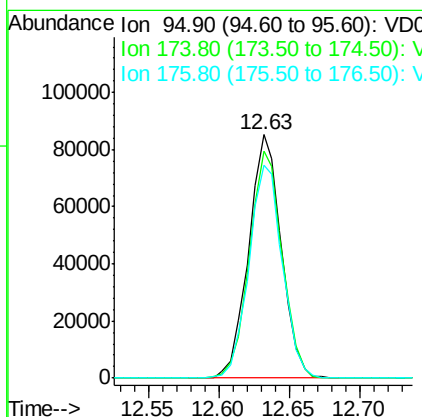
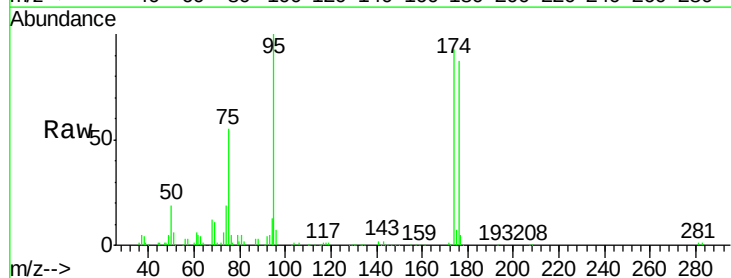
Instrument :
MSVOA_D
ClientSampleId :
RO-06

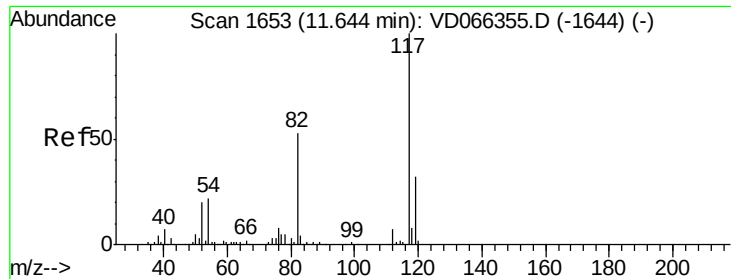
Tot Ion: 98 Resp: 387975
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.580 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066405.D
Acq: 25 Aug 2020 16:33

Tgt Ion: 95 Resp: 137758
Ion Ratio Lower Upper
95 100
174 94.0 0.0 183.4
176 89.8 0.0 173.8

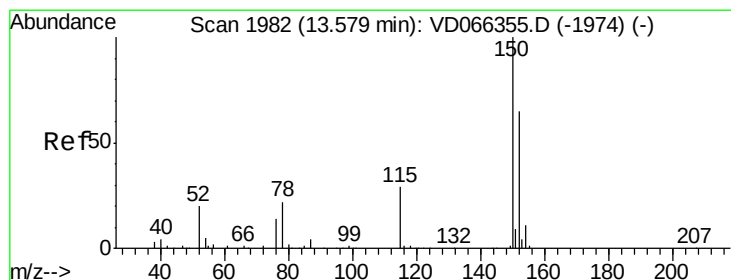
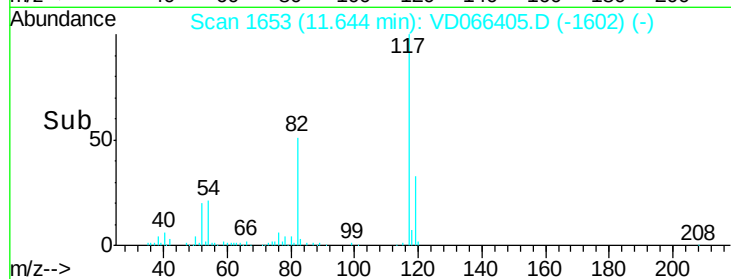
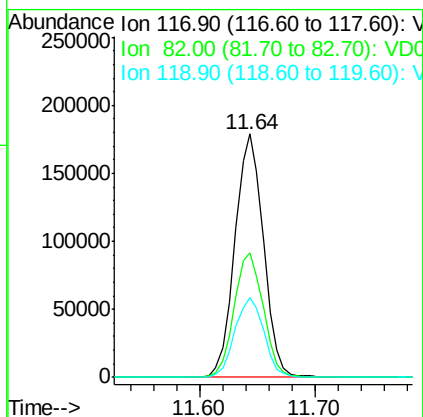
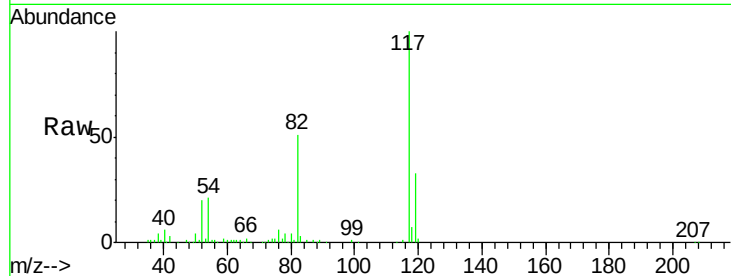




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066405.D
Acq: 25 Aug 2020 16:33

Instrument :
MSVOA_D
ClientSampleId :
RO-06

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.8	64.2
119	32.9	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: VD066405.D
Acq: 25 Aug 2020 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.3	85.0
150	153.8	0.0	343.2

