

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067196.D
 Acq On : 08 Oct 2020 15:59
 Operator : VA/SY
 Sample : L4300-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 231-232-COMP

Quant Time: Oct 09 03:26:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	362204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	582437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	535624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231861	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	179076	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	7.91	113	188371	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	10.34	98	681899	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.64	95	220813	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

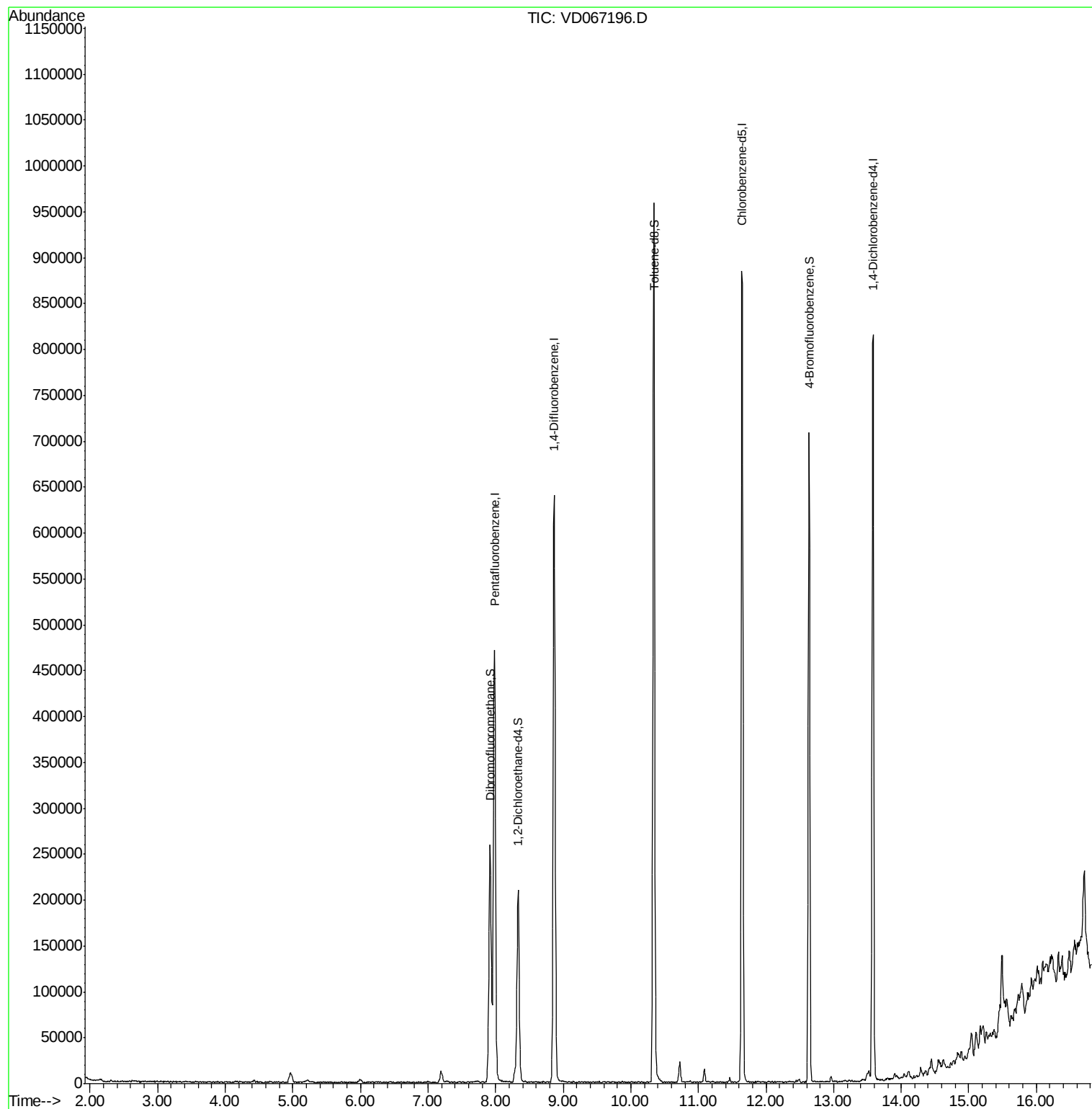
Target Compounds	Qvalue
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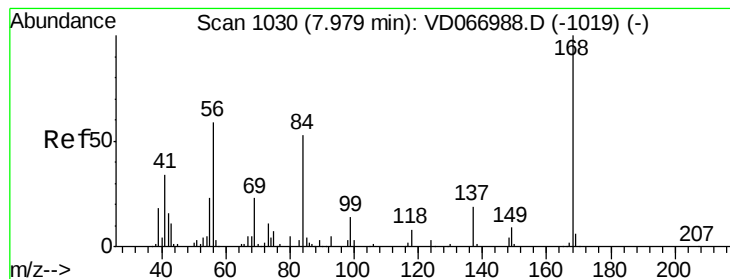
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067196.D

Acq: 08 Oct 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

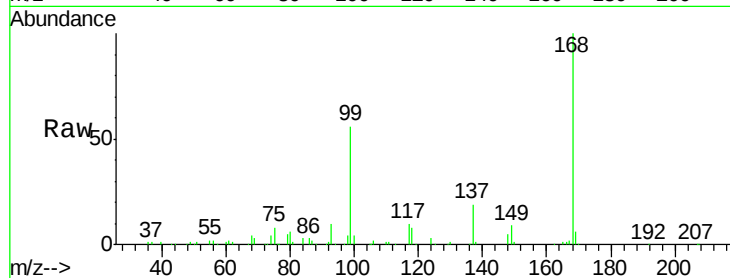
231-232-COMP

Tot Ion:168 Resp: 362204

Ion Ratio Lower Upper

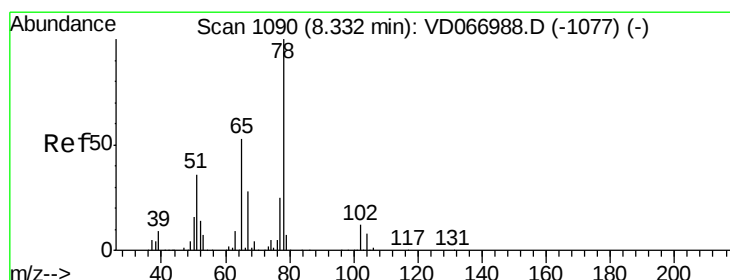
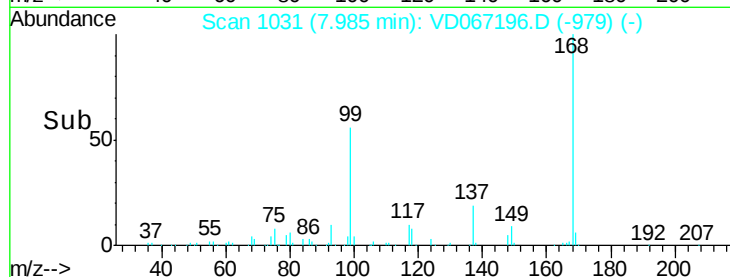
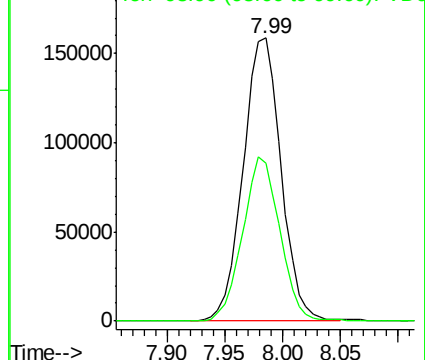
168 100

99 55.8 44.1 66.1



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: 51.330 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067196.D

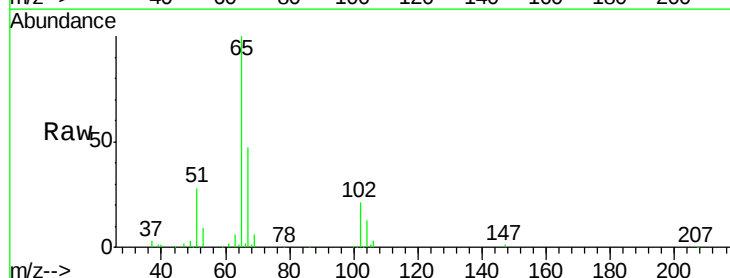
Acq: 08 Oct 2020 15:59

Tgt Ion: 65 Resp: 179076

Ion Ratio Lower Upper

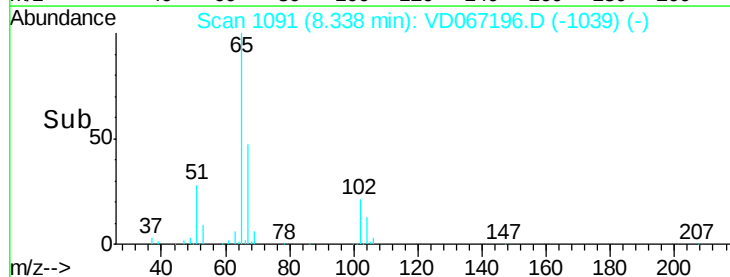
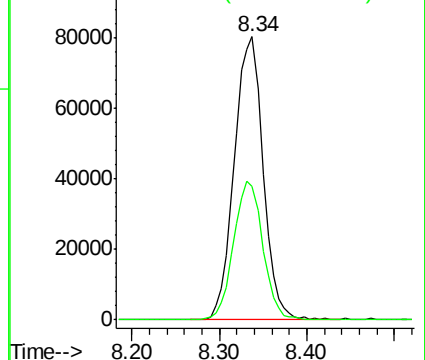
65 100

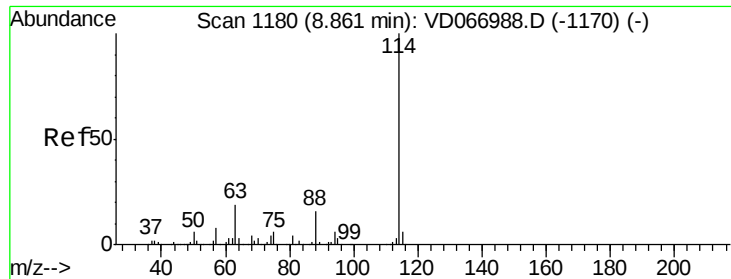
67 49.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

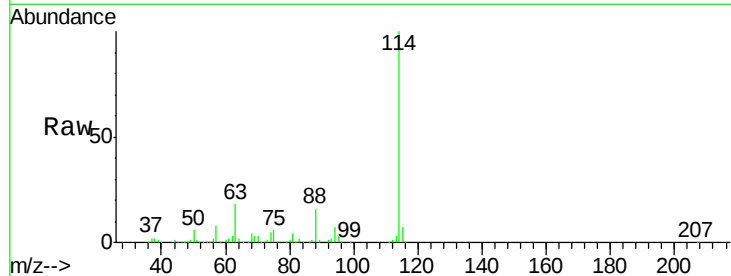




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067196.D
 Acq: 08 Oct 2020 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 231-232-COMP

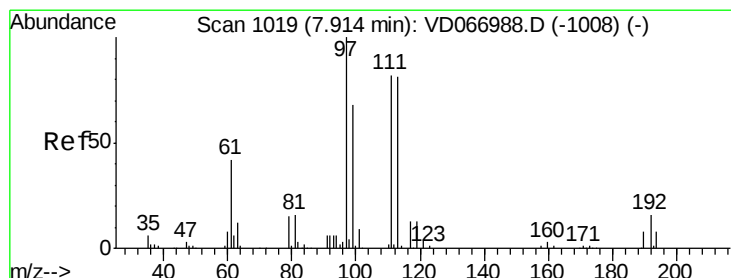
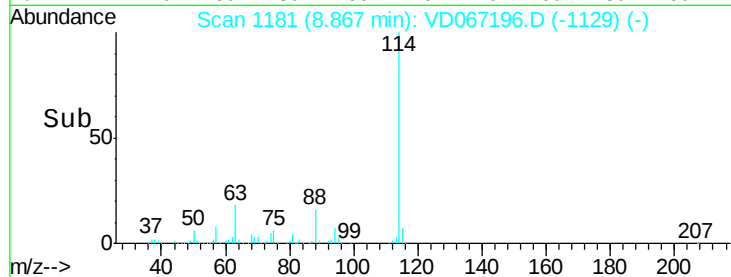
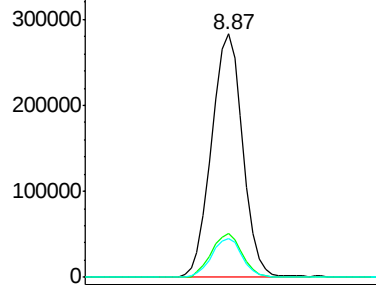
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	16.1	0.0	31.2



Abundance Ion 113.90 (113.60 to 114.60): V

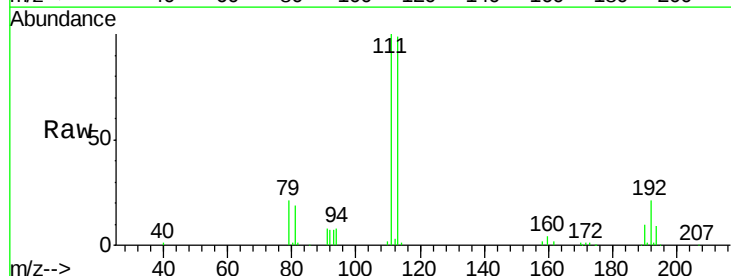
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 49.401 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067196.D
 Acq: 08 Oct 2020 15:59

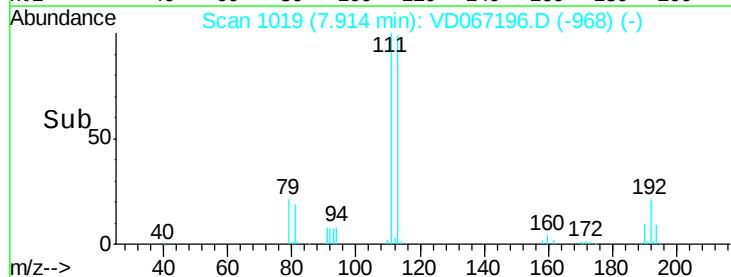
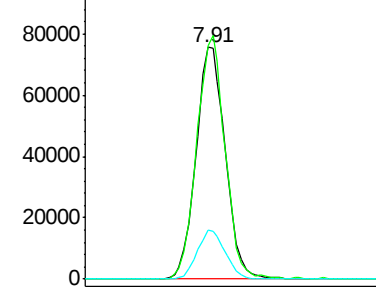
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.4
192	20.0	15.5	23.3

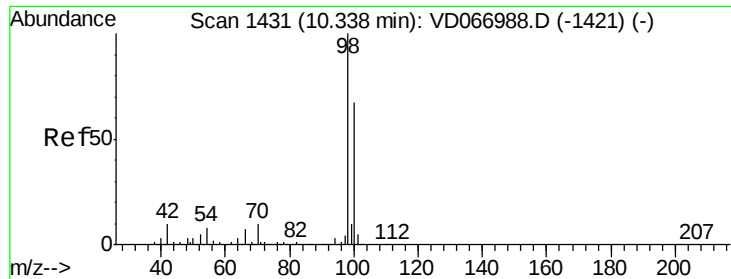


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.077 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067196.D

Acq: 08 Oct 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

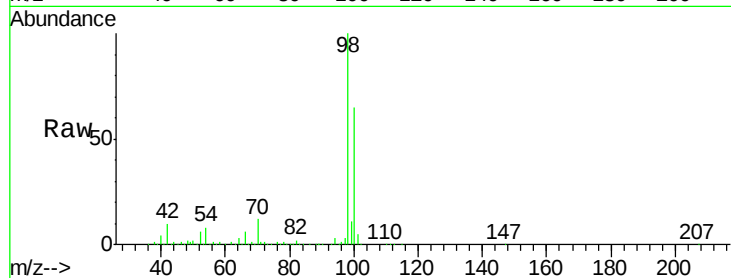
231-232-COMP

Tot Ion: 98 Resp: 681899

Ion Ratio Lower Upper

98 100

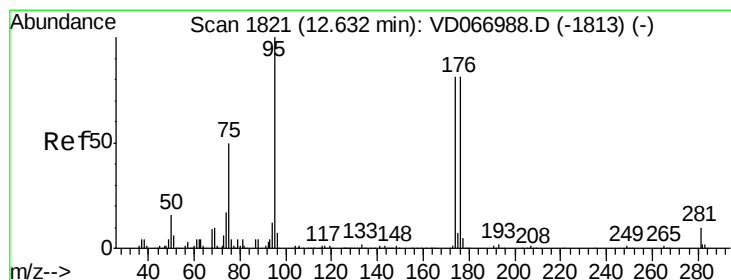
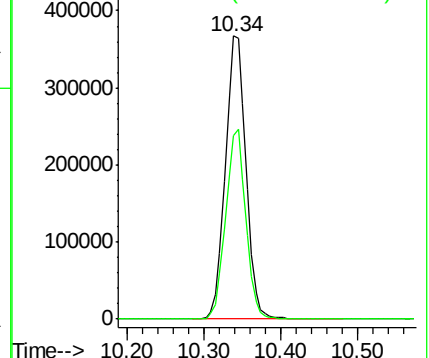
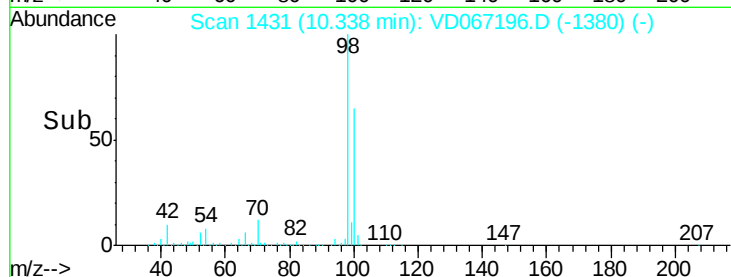
100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34



#62

4-Bromofluorobenzene

Concen: 46.814 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067196.D

Acq: 08 Oct 2020 15:59

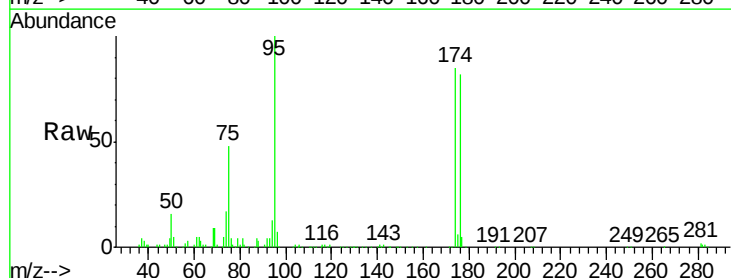
Tgt Ion: 95 Resp: 220813

Ion Ratio Lower Upper

95 100

174 87.1 0.0 167.6

176 82.7 0.0 162.4

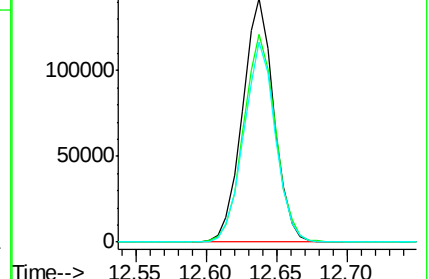
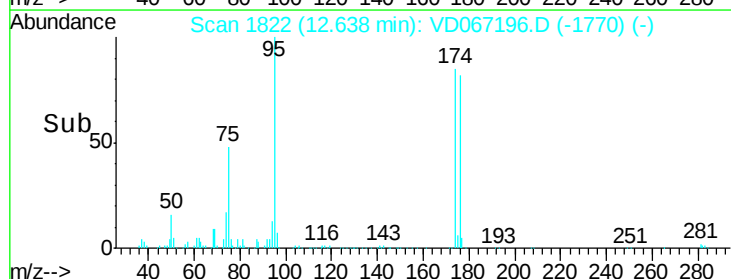


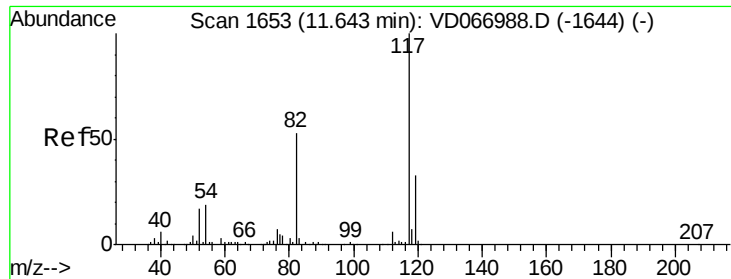
Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

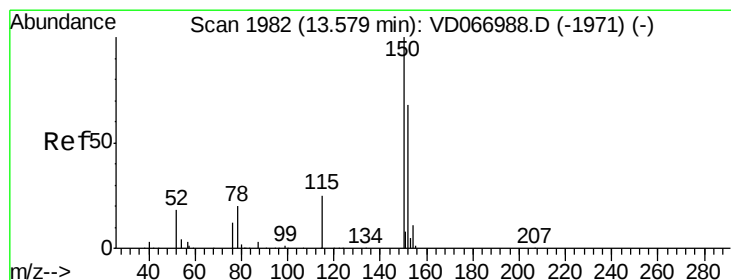
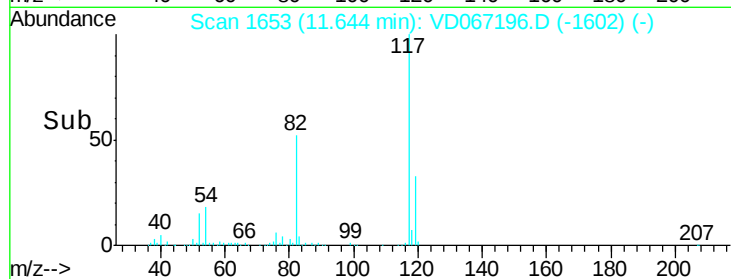
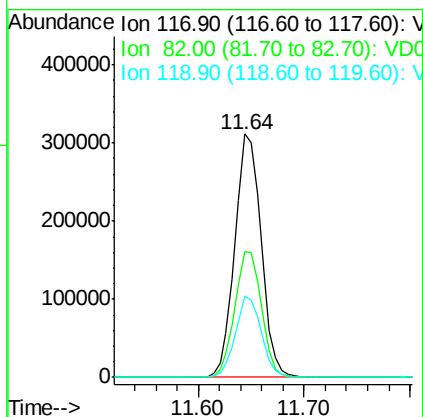
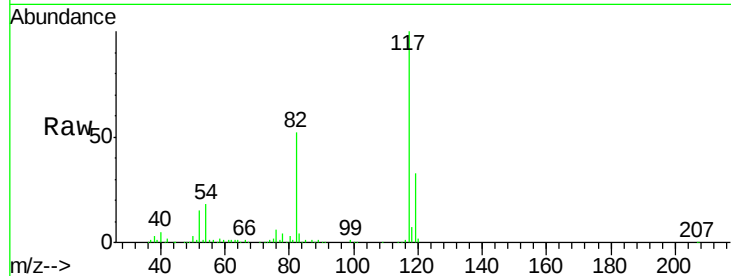




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067196.D
Acq: 08 Oct 2020 15:59

Instrument :
MSVOA_D
ClientSampleId :
231-232-COMP

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	63.8
119	33.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067196.D
Acq: 08 Oct 2020 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.6	88.8
150	157.2	0.0	344.8

