

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071020\
 Data File : VD065947.D
 Acq On : 10 Jul 2020 14:32
 Operator : VA/SY
 Sample : L3184-01
 Misc : 7.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-070920

Quant Time: Jul 11 05:05:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

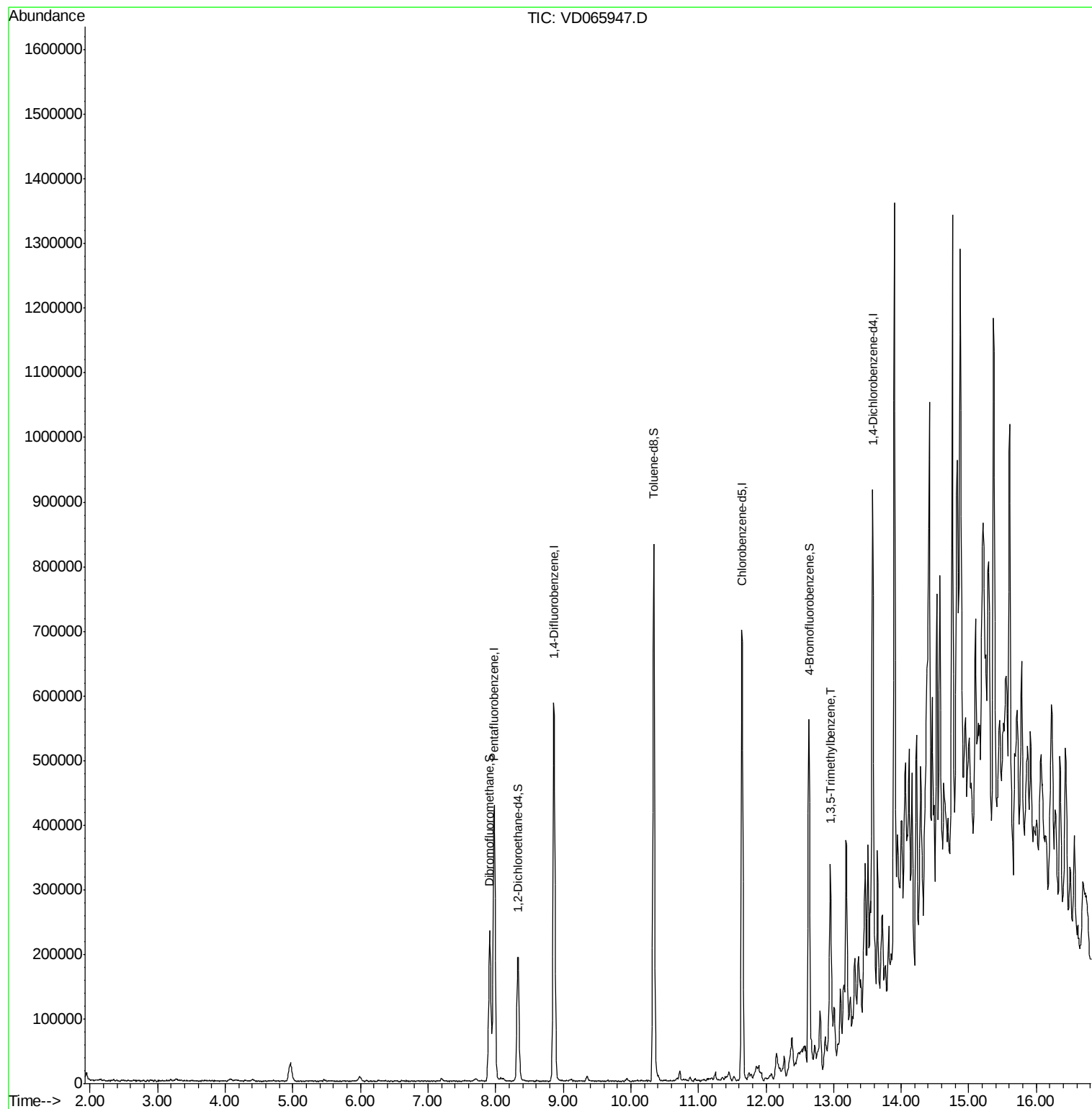
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	337026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	523242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	424924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177188	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	155096	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
35) Dibromofluoromethane	7.91	113	166455	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.34	98	575223	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.63	95	175541	43.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.80%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.96	105	11339	1.121	ug/l	Qvalue 100

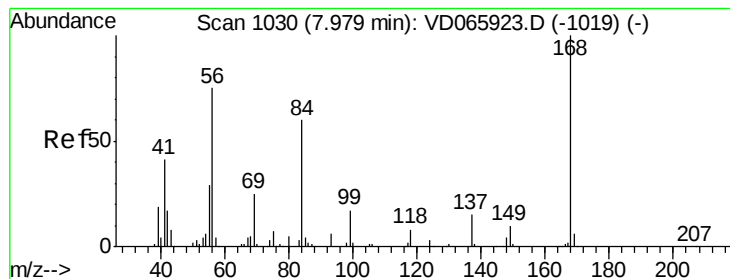
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065947.D

Acq: 10 Jul 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

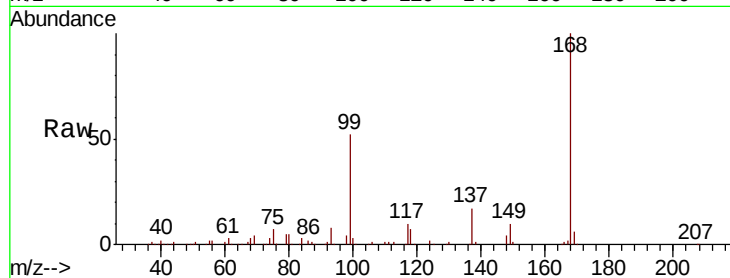
EO-02-070920

Tot Ion:168 Resp: 337026

Ion Ratio Lower Upper

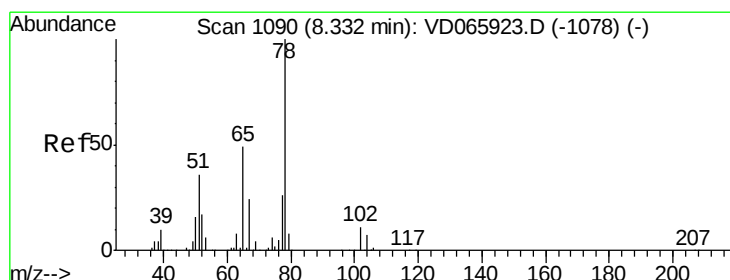
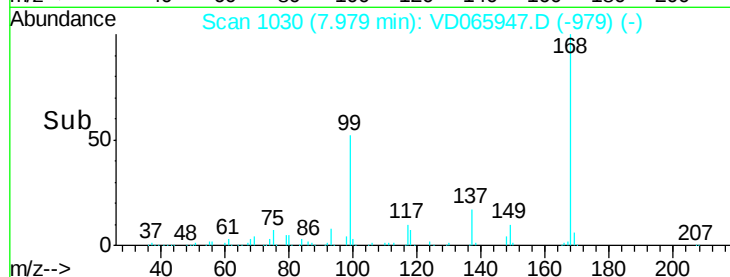
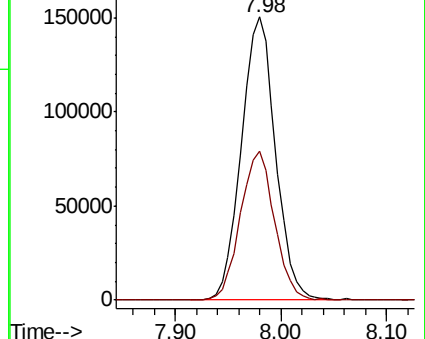
168 100

99 52.2 43.1 64.7



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: 51.927 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD065947.D

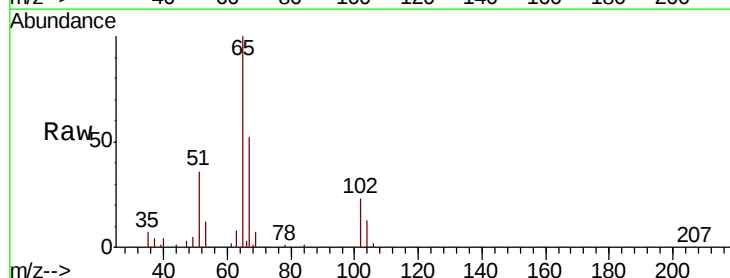
Acq: 10 Jul 2020 14:32

Tgt Ion: 65 Resp: 155096

Ion Ratio Lower Upper

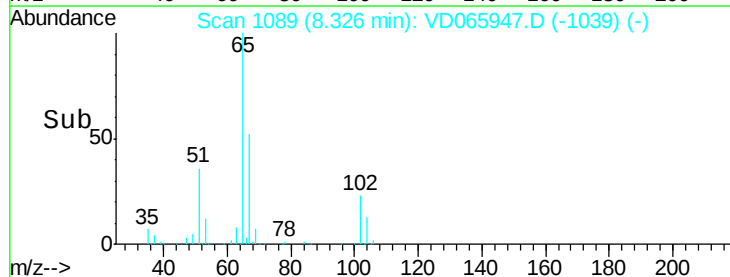
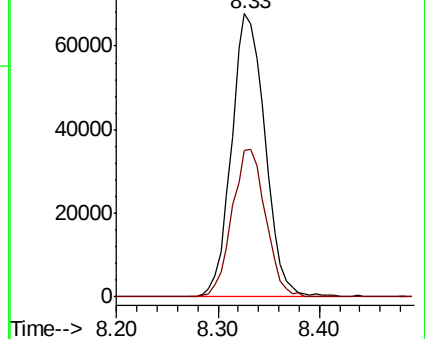
65 100

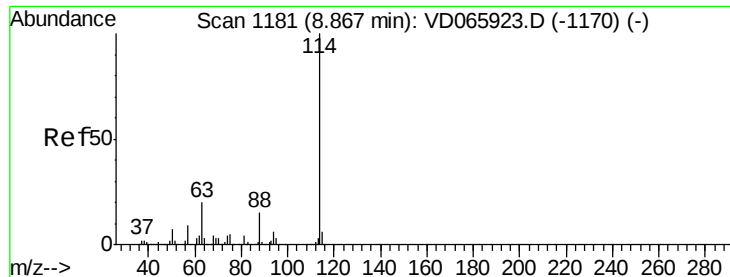
67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

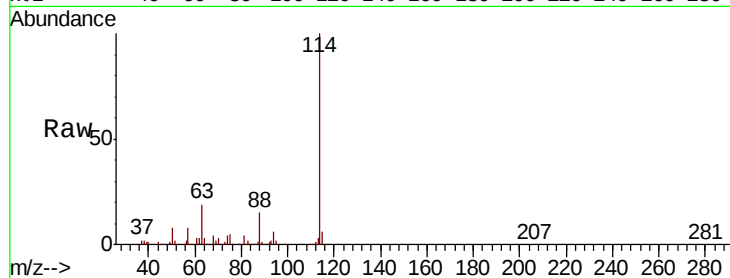




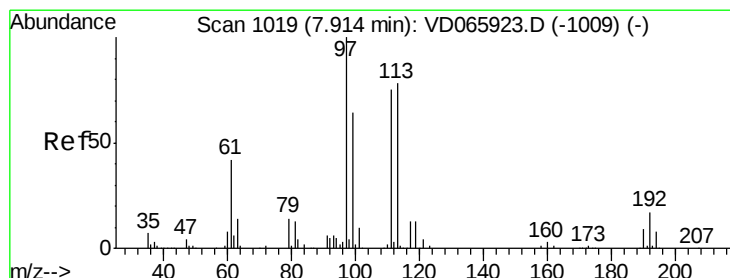
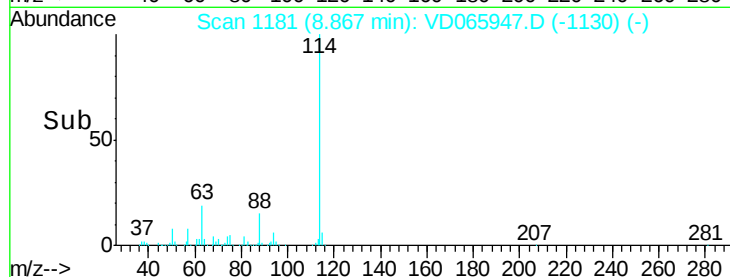
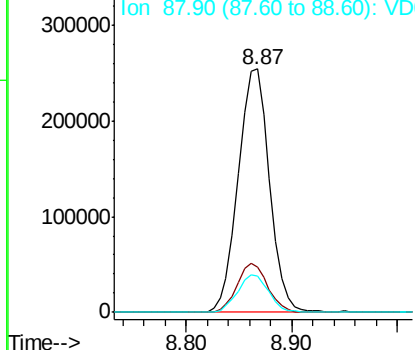
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065947.D
 Acq: 10 Jul 2020 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-070920

Tot Ion:114 Resp: 523242
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.7 0.0 30.0

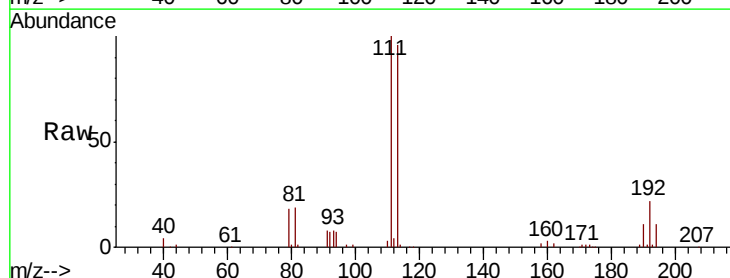


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

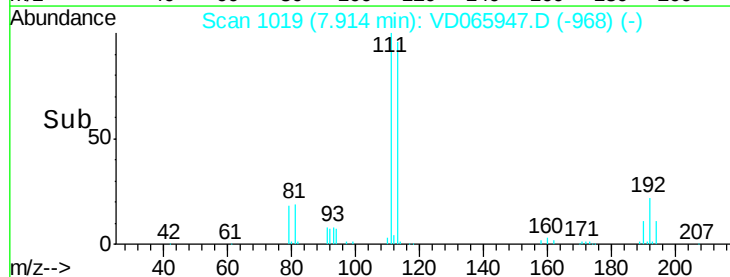
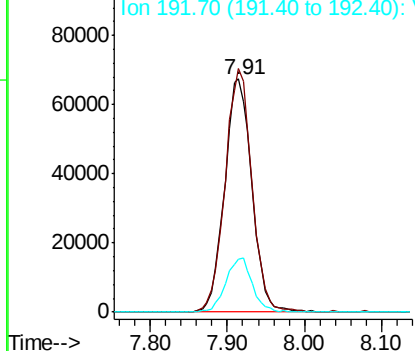


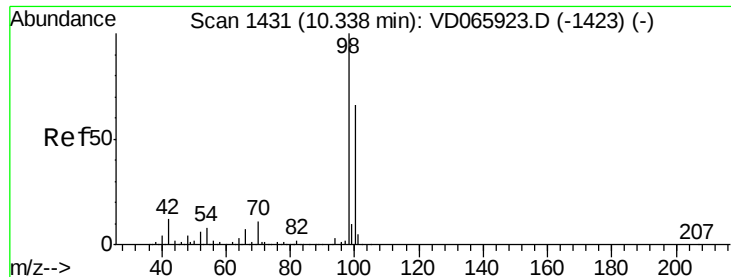
#35
 Dibromofluoromethane
 Concen: 51.569 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065947.D
 Acq: 10 Jul 2020 14:32

Tgt Ion:113 Resp: 166455
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.9 121.3
 192 22.5 17.1 25.7



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: 48.842 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD065947.D

Acq: 10 Jul 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

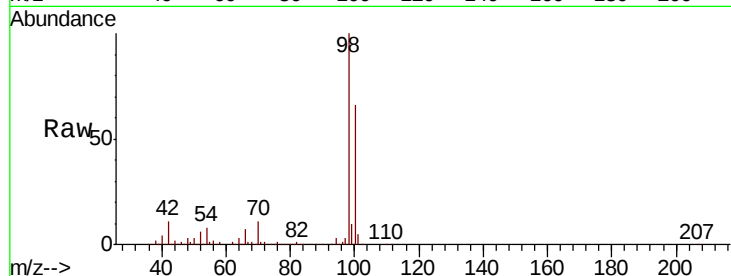
EO-02-070920

Tot Ion: 98 Resp: 575223

Ion Ratio Lower Upper

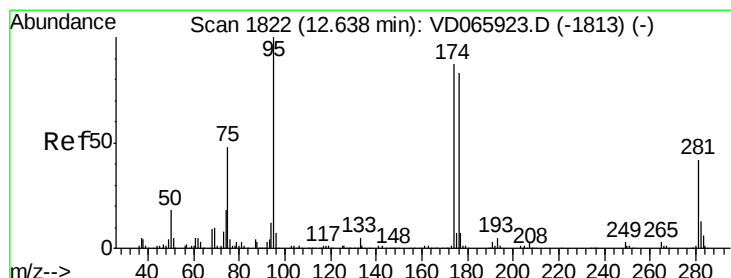
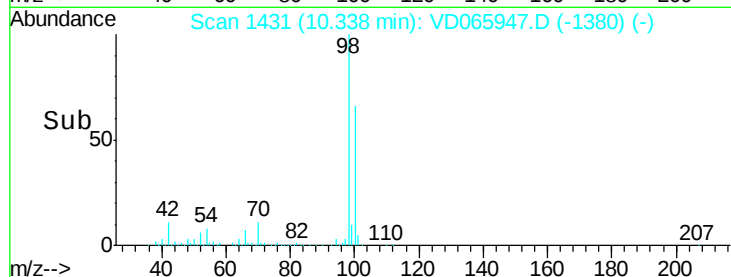
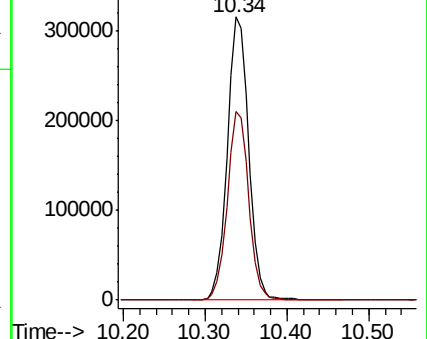
98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 43.404 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065947.D

Acq: 10 Jul 2020 14:32

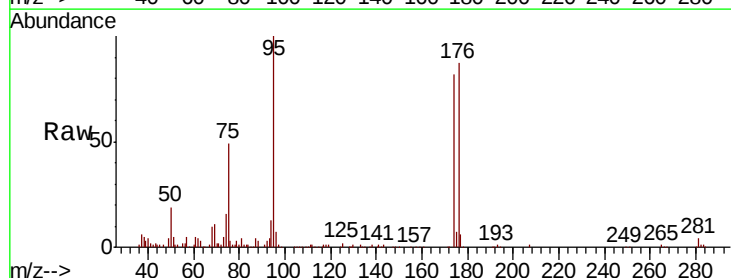
Tgt Ion: 95 Resp: 175541

Ion Ratio Lower Upper

95 100

174 89.0 0.0 169.4

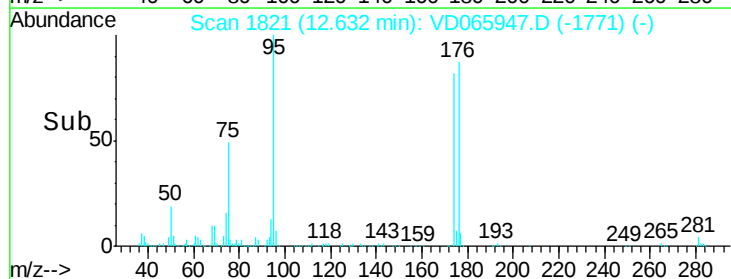
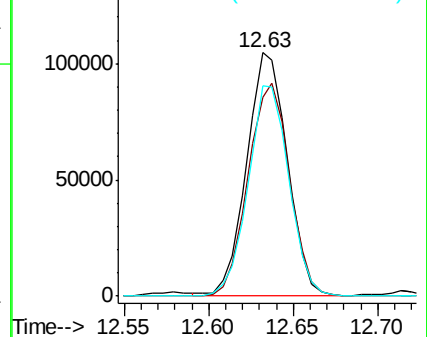
176 86.7 0.0 164.0

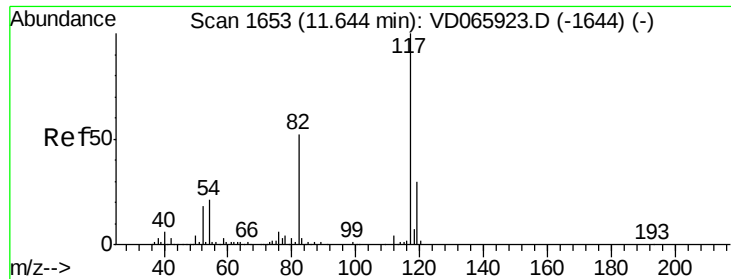


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

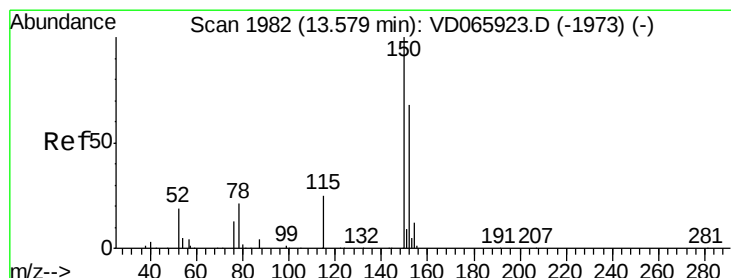
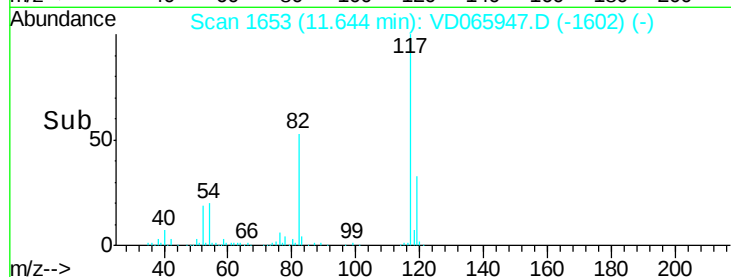
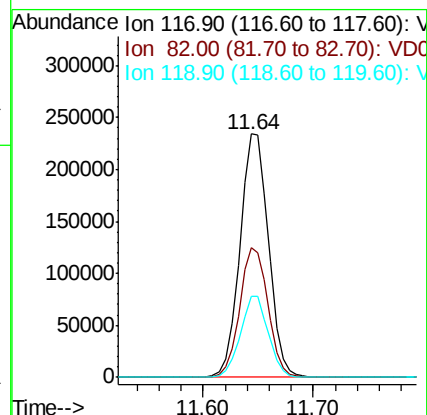
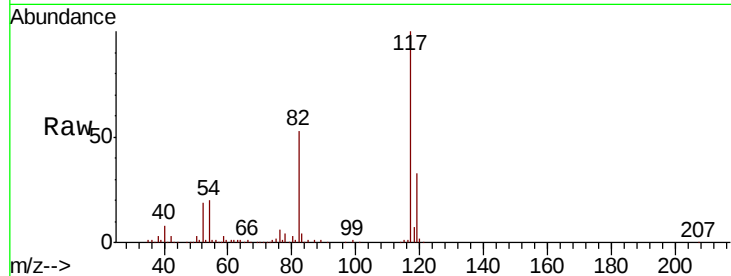




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD065947.D
Acq: 10 Jul 2020 14:32

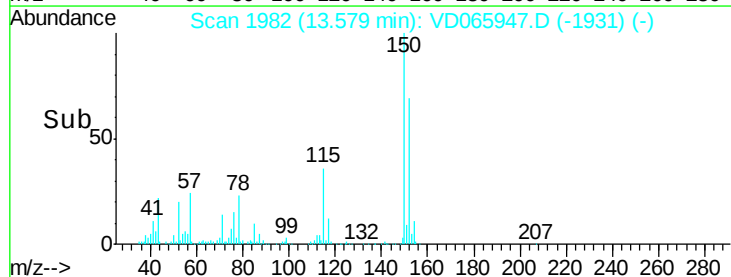
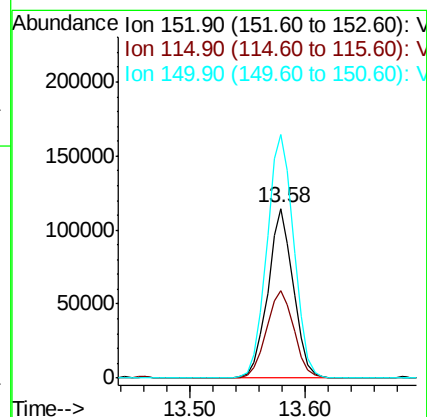
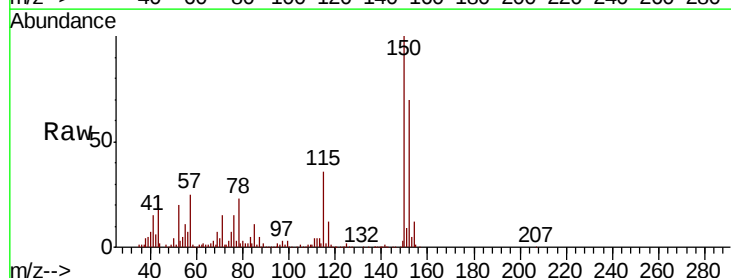
Instrument :
MSVOA_D
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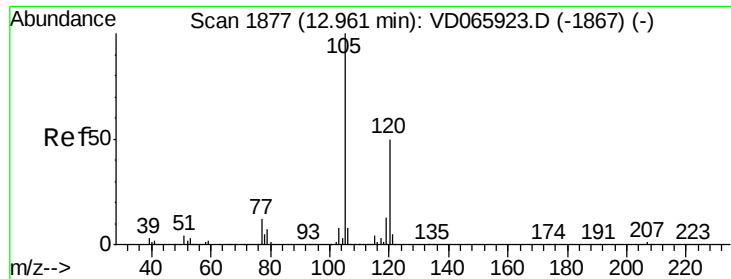
Tot Ion:117 Resp: 424924
Ion Ratio Lower Upper
117 100
82 53.3 41.8 62.8
119 33.4 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065947.D
Acq: 10 Jul 2020 14:32

Tgt Ion:152 Resp: 177188
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.3
150 151.0 0.0 347.2





#80
 1,3,5-Trimethylbenzene
 Concen: 1.121 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD065947.D
 Acq: 10 Jul 2020 14:32

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-070920

Tot Ion:105 Resp: 11339
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6

