

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067489.D
 Acq On : 02 Nov 2020 14:09
 Operator : VA/SY
 Sample : L4222-06
 Misc : 7.67G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-102920

Quant Time: Nov 03 00:45:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	314594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	514771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	497373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	224403	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	157913	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.92	113	161635	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	10.34	98	588831	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	12.64	95	214588	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

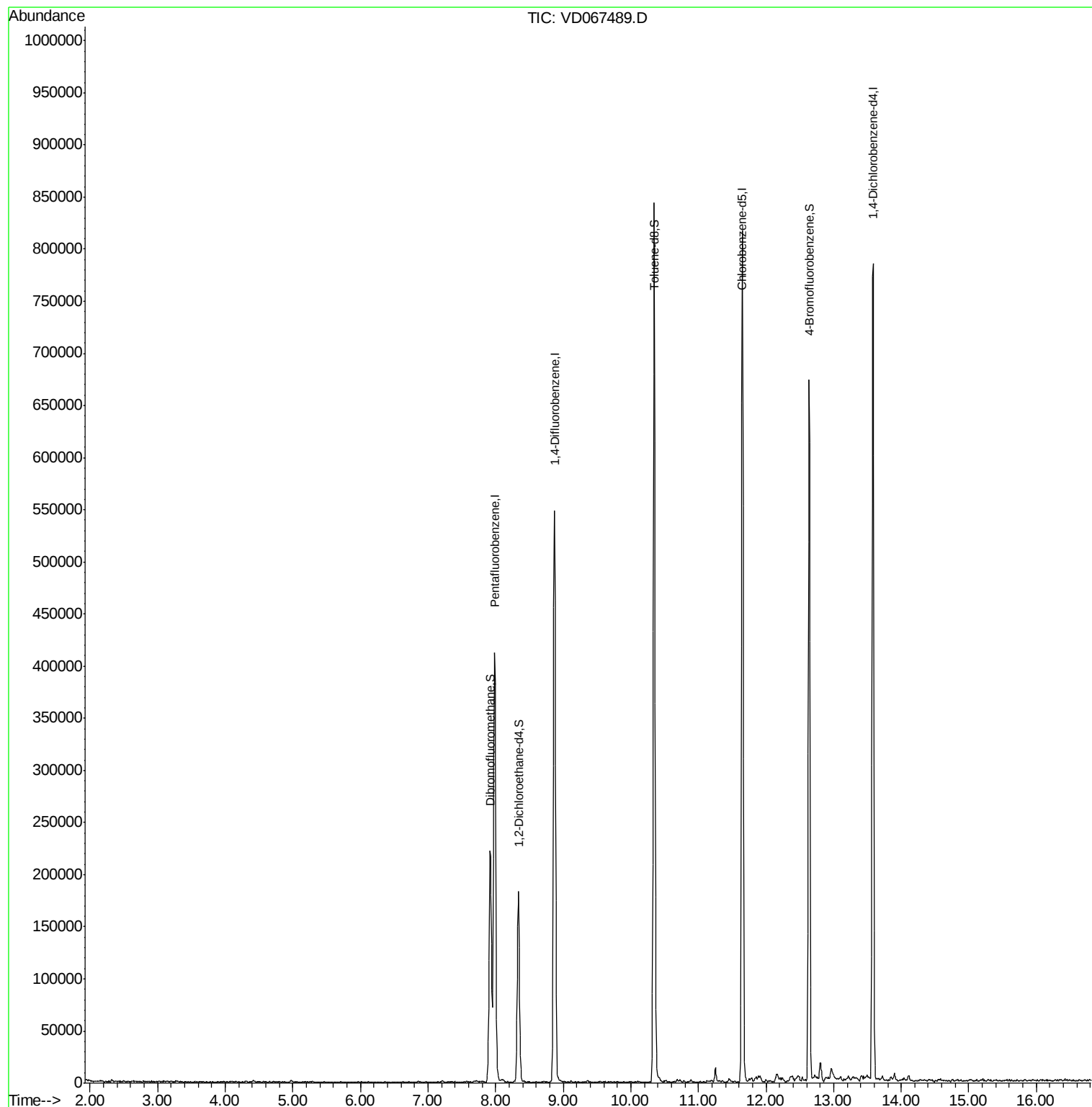
Target Compounds	Qvalue
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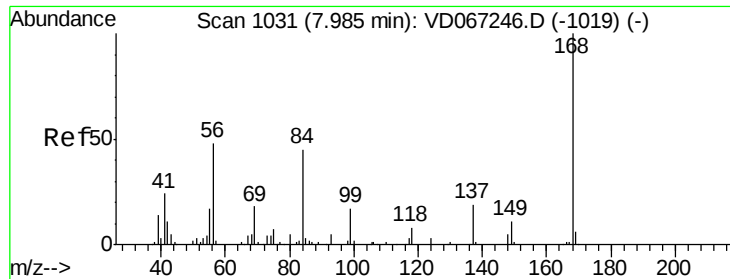
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067489.D

Acq: 02 Nov 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

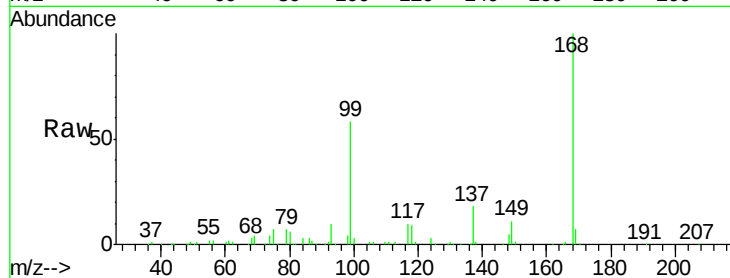
EO-02-102920

Tot Ion:168 Resp: 314594

Ion Ratio Lower Upper

168 100

99 57.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

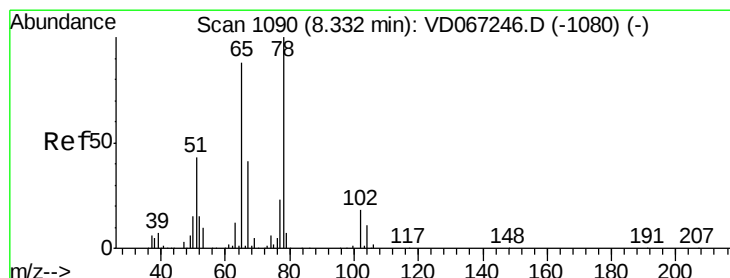
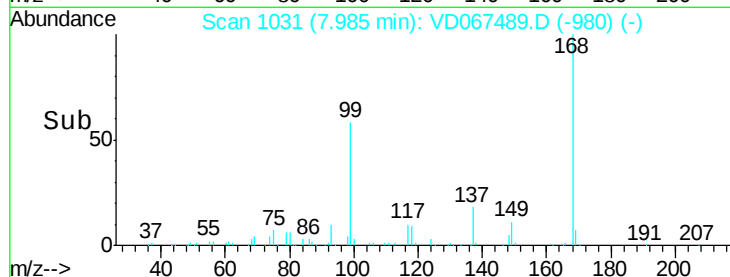
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.103 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067489.D

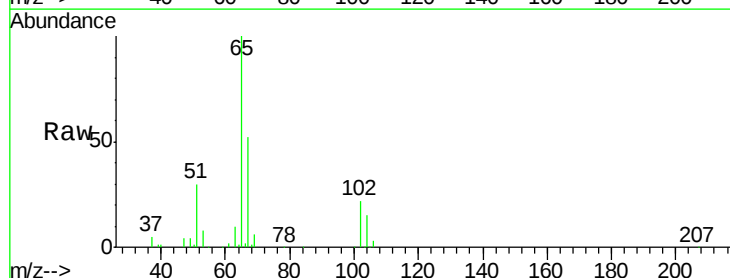
Acq: 02 Nov 2020 14:09

Tgt Ion: 65 Resp: 157913

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

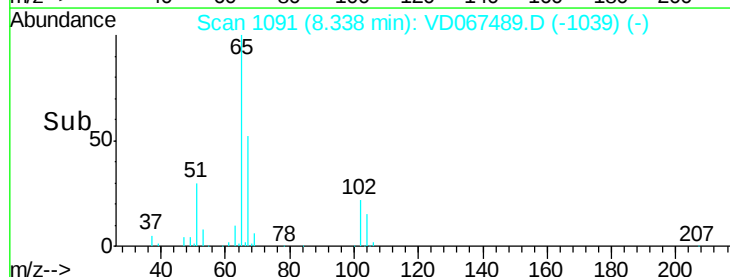
60000

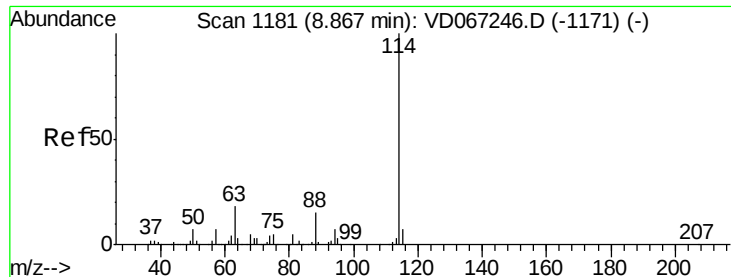
40000

20000

0

Time-->

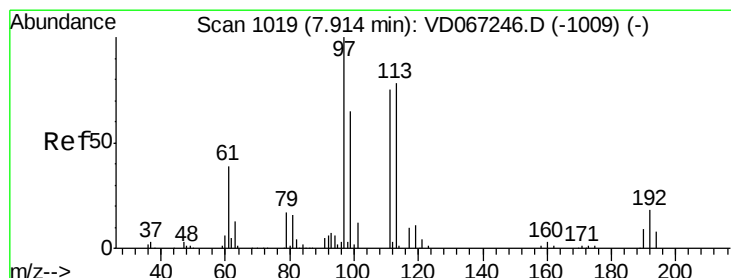
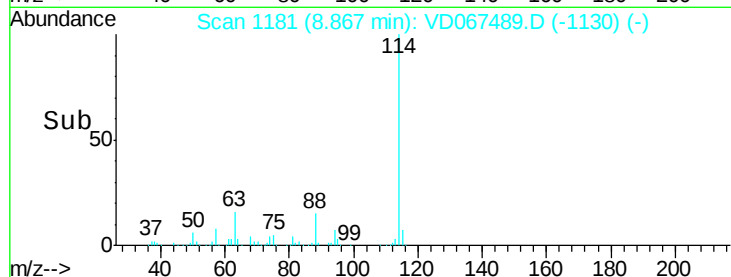
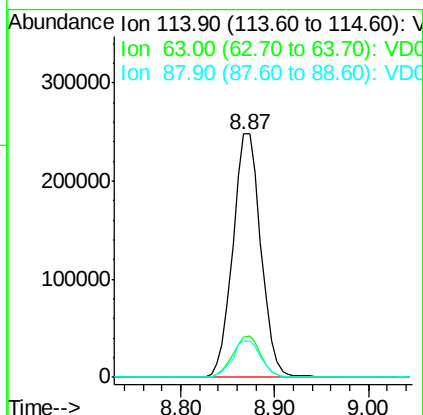
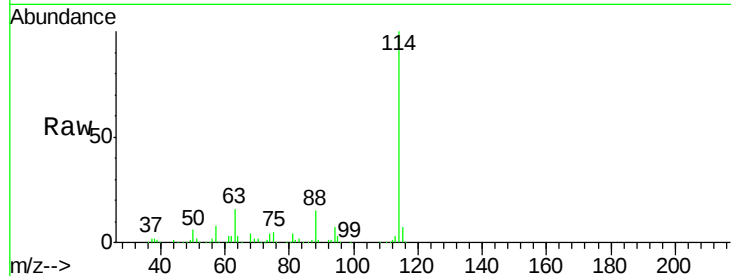




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067489.D
 Acq: 02 Nov 2020 14:09

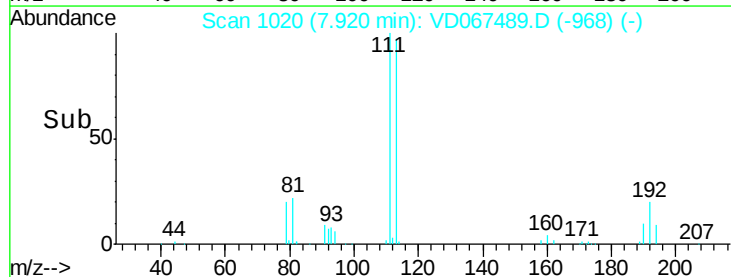
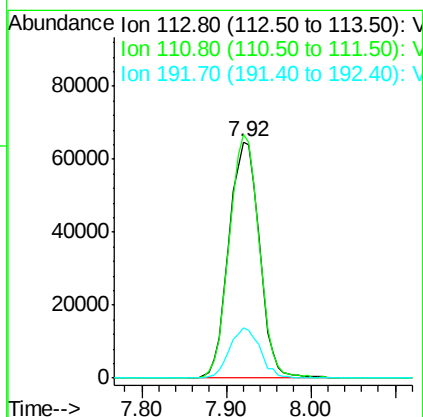
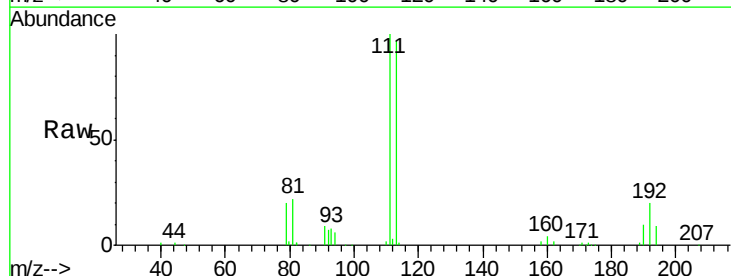
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-102920

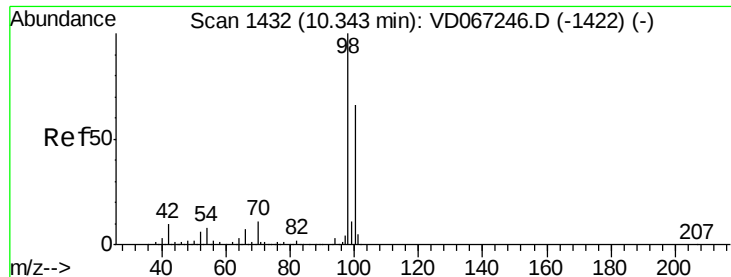
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	35.0
88	15.1	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 47.182 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067489.D
 Acq: 02 Nov 2020 14:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.6	122.4
192	21.0	17.0	25.4





#50

Toluene-d8

Concen: 47.495 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067489.D

Acq: 02 Nov 2020 14:09

Instrument :

MSVOA_D

ClientSampleId :

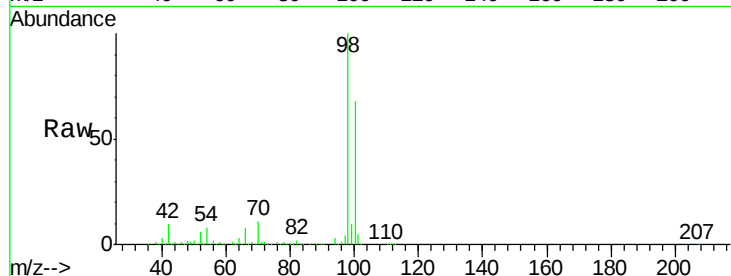
EO-02-102920

Tot Ion: 98 Resp: 588831

Ion Ratio Lower Upper

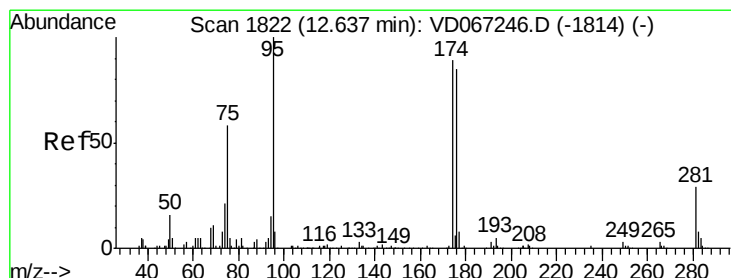
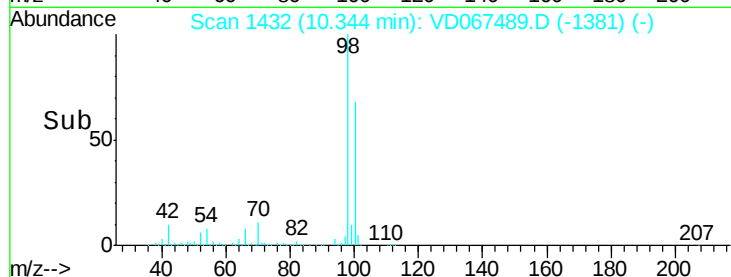
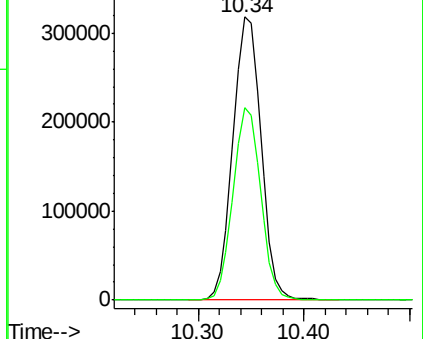
98 100

100 66.8 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: 49.777 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067489.D

Acq: 02 Nov 2020 14:09

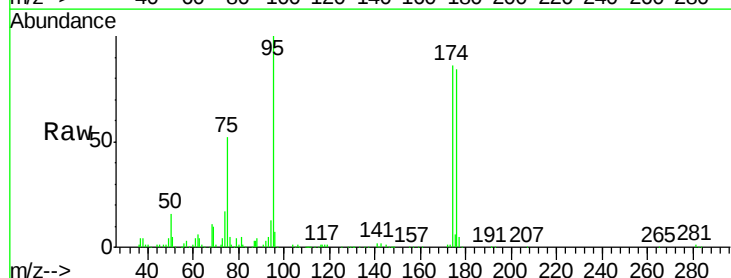
Tgt Ion: 95 Resp: 214588

Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.2

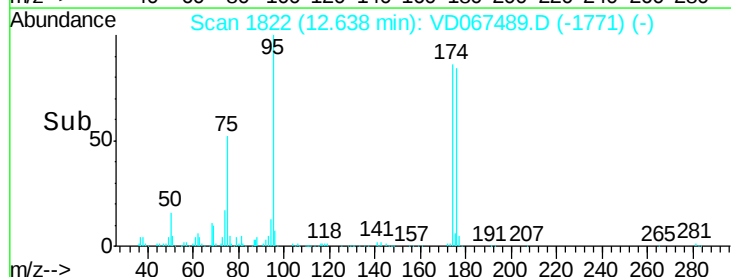
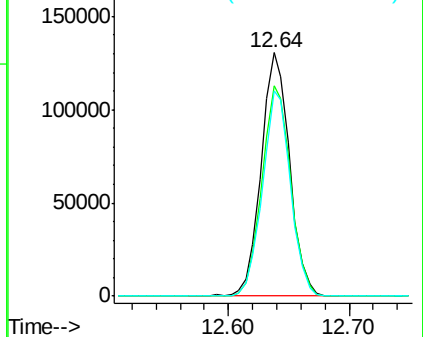
176 82.7 0.0 168.6



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

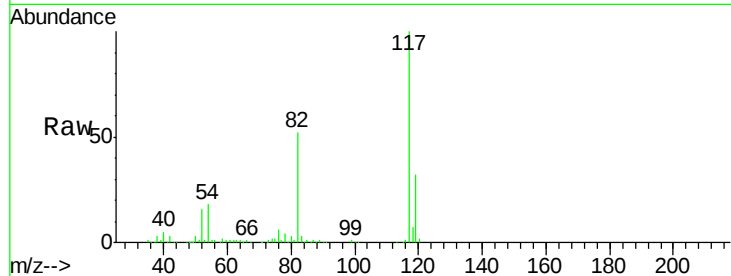




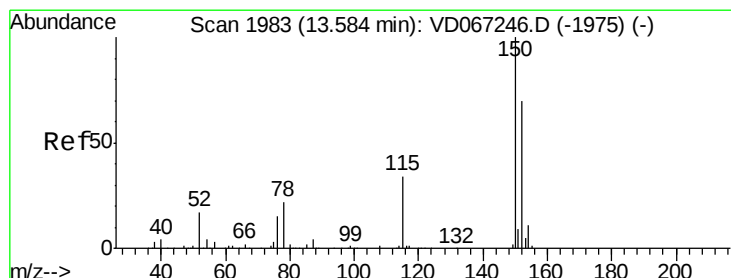
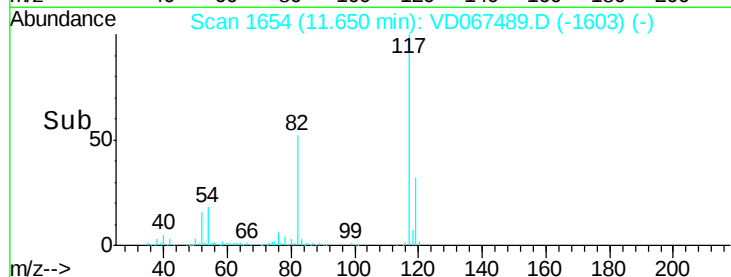
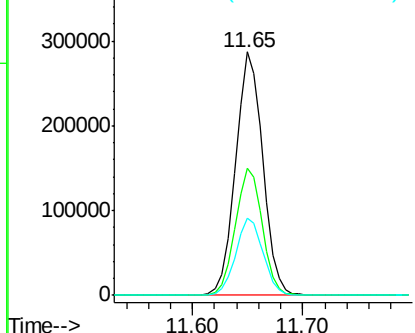
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067489.D
Acq: 02 Nov 2020 14:09

Instrument :
MSVOA_D
ClientSampleId :
EO-02-102920

Tot Ion:117 Resp: 497373
Ion Ratio Lower Upper
117 100
82 52.1 39.9 59.9
119 31.7 24.9 37.3

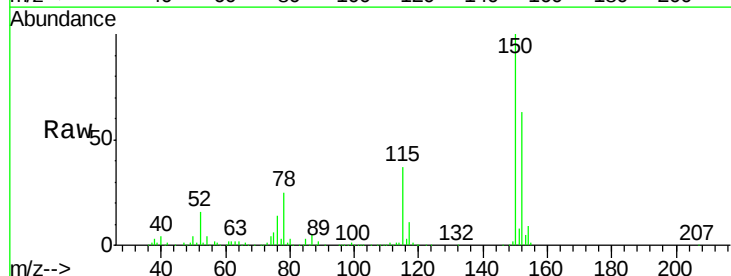


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067489.D
Acq: 02 Nov 2020 14:09

Tgt Ion:152 Resp: 224403
Ion Ratio Lower Upper
152 100
115 57.9 29.3 87.9
150 156.7 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

