

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067496.D
 Acq On : 02 Nov 2020 17:20
 Operator : VA/SY
 Sample : L4531-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1916-GC-GRAB-A

Quant Time: Nov 03 01:01:12 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	7.98	168	286178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	475863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	483912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	242451	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	146256	51.01	ug/l	0.00
Spiked Amount						
			Recovery	=	102.02%	
35) Dibromofluoromethane	7.92	113	151776	47.93	ug/l	0.00
Spiked Amount						
			Recovery	=	95.86%	
50) Toluene-d8	10.34	98	567277	49.50	ug/l	0.00
Spiked Amount						
			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.64	95	206106	51.72	ug/l	0.00
Spiked Amount						
			Recovery	=	103.44%	

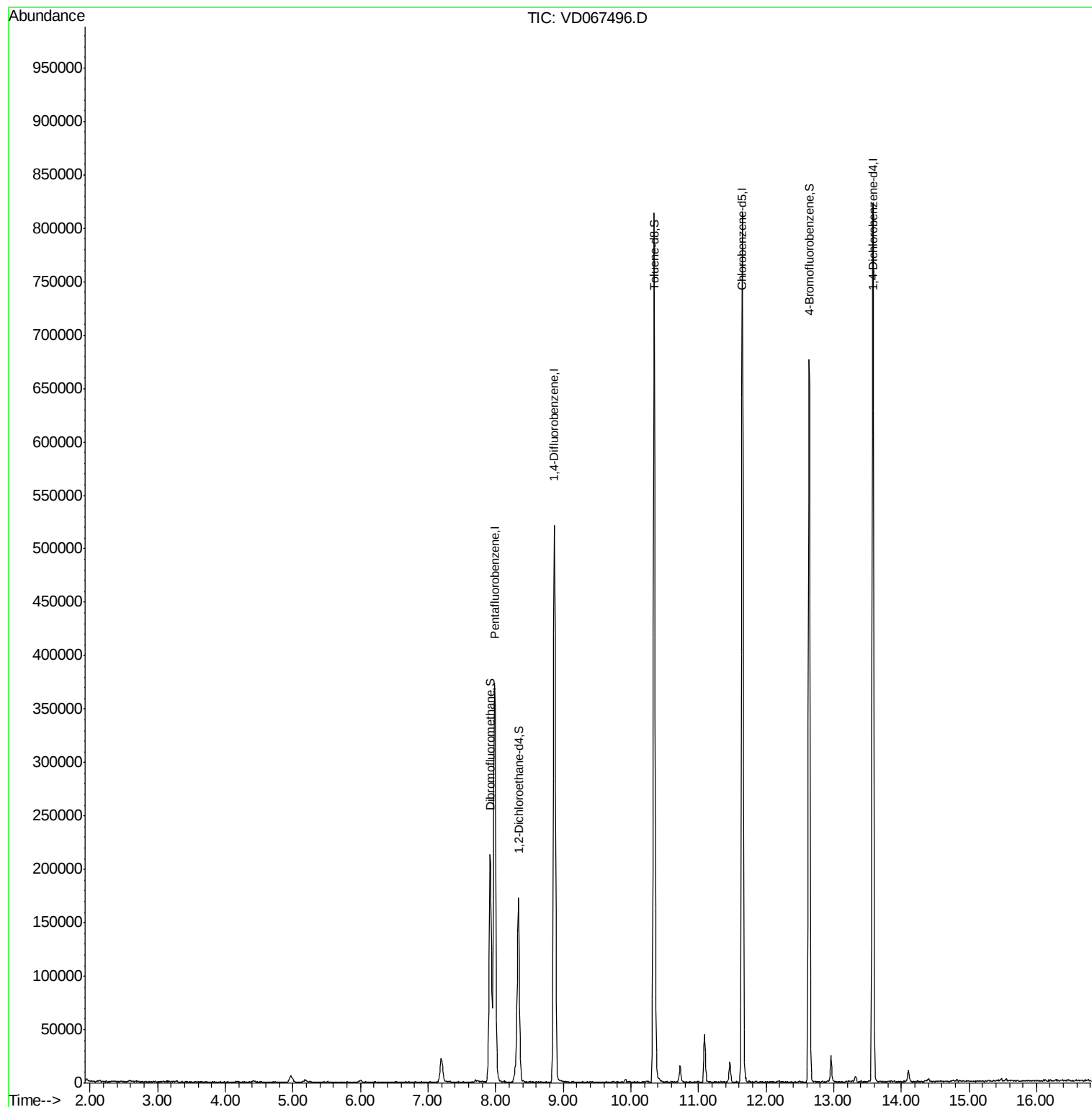
Target Compounds	Qvalue
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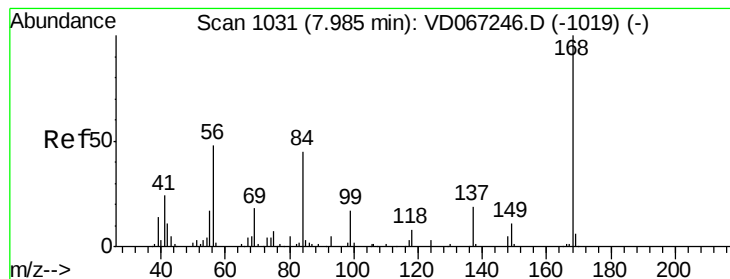
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067496.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

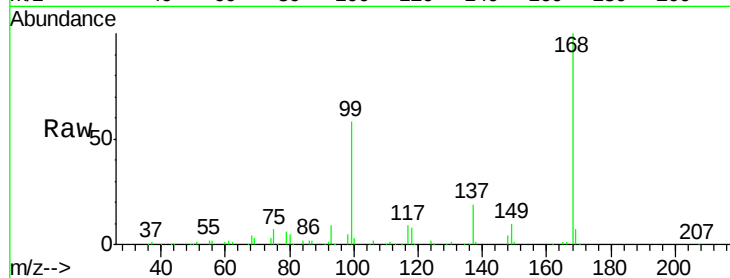
TP-1916-GC-GRAB-A

Tot Ion:168 Resp: 286178

Ion Ratio Lower Upper

168 100

99 57.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

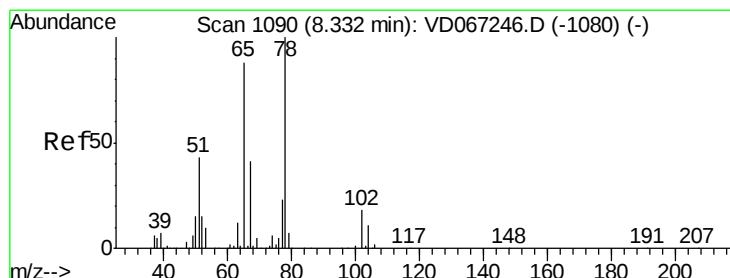
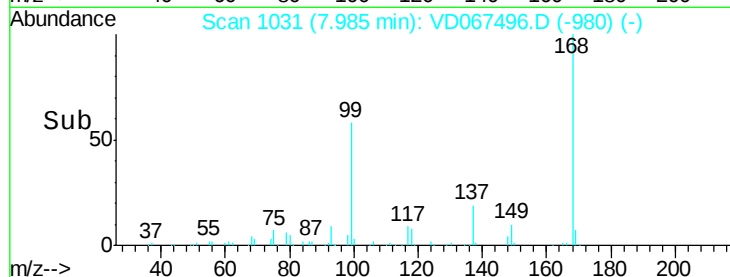
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.012 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067496.D

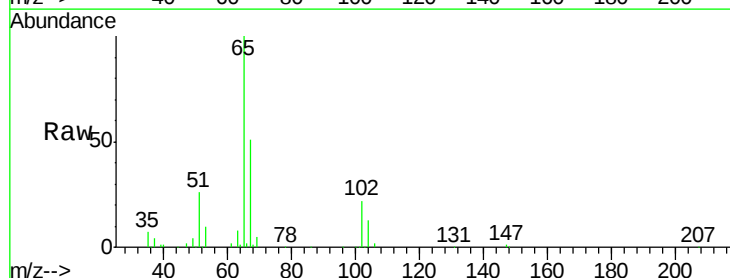
Acq: 02 Nov 2020 17:20

Tgt Ion: 65 Resp: 146256

Ion Ratio Lower Upper

65 100

67 47.8 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

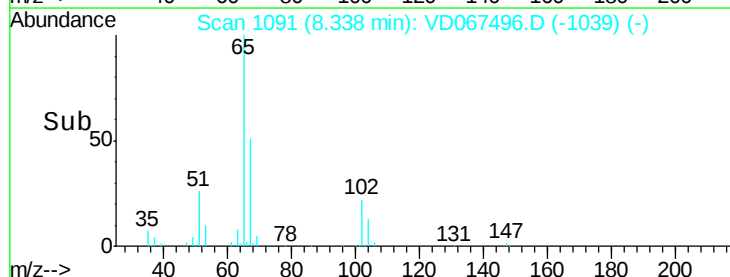
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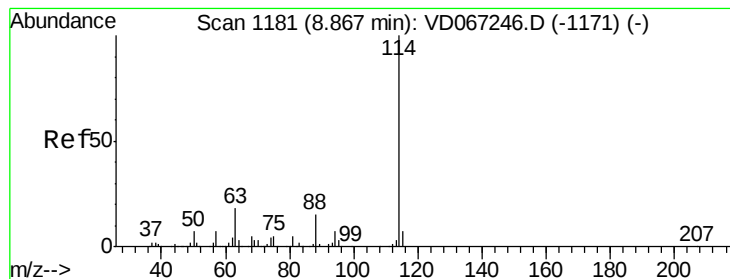
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067496.D

Acq: 02 Nov 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

TP-1916-GC-GRAB-A

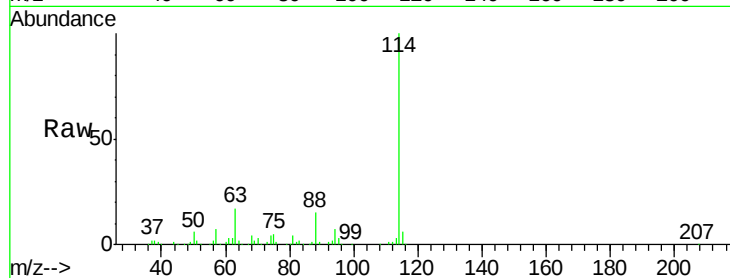
Tot Ion:114 Resp: 475863

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

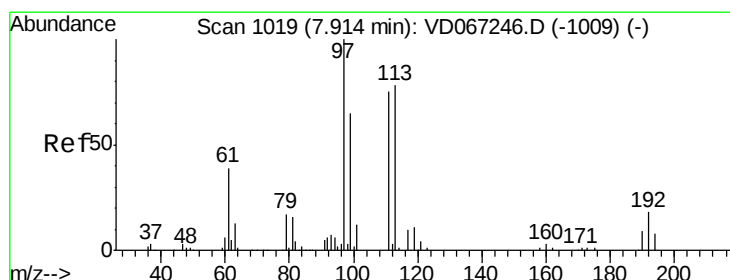
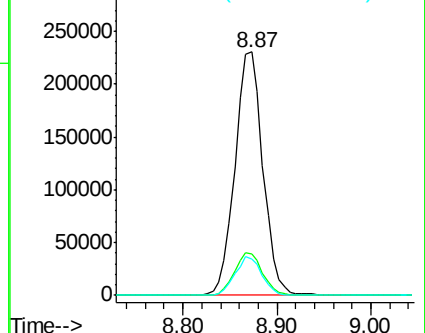
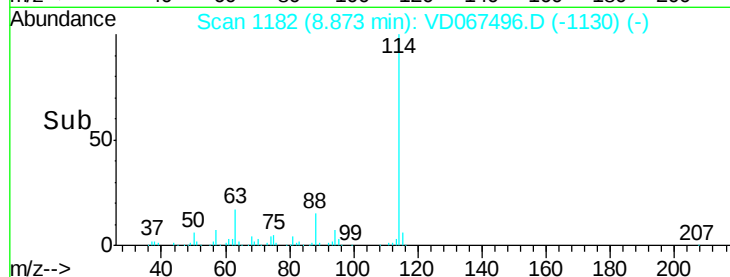
88 14.9 0.0 30.6



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: 47.926 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067496.D

Acq: 02 Nov 2020 17:20

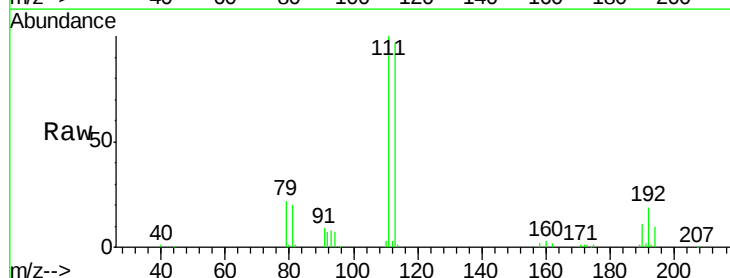
Tgt Ion:113 Resp: 151776

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

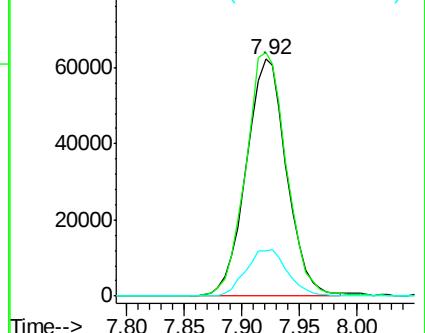
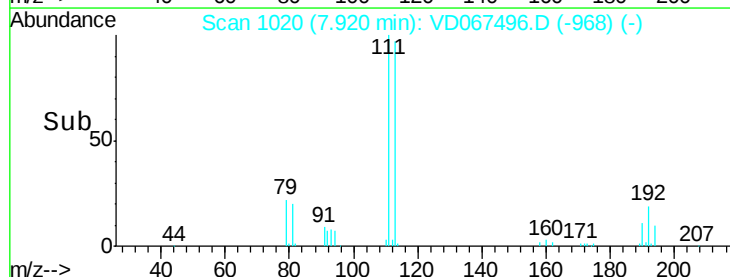
192 20.2 17.0 25.4

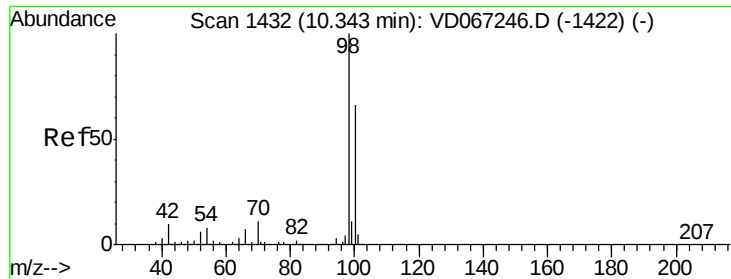


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

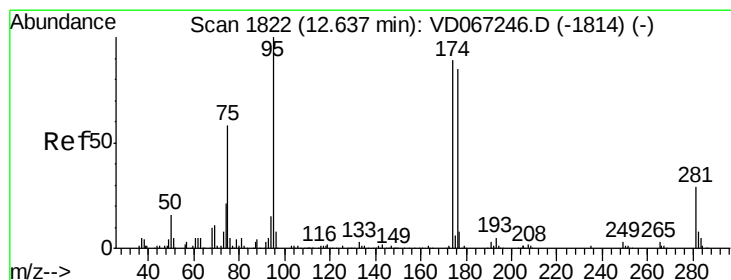
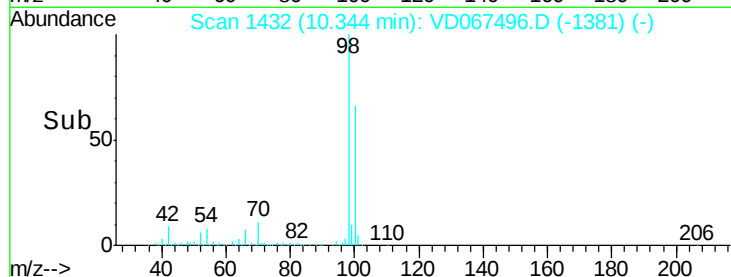
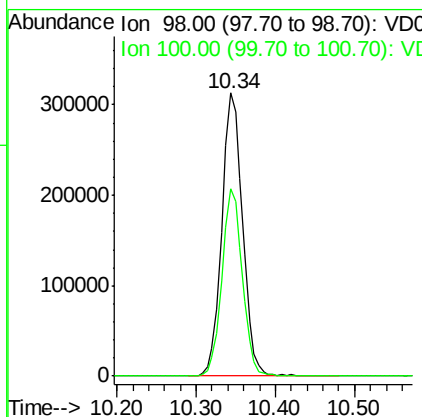
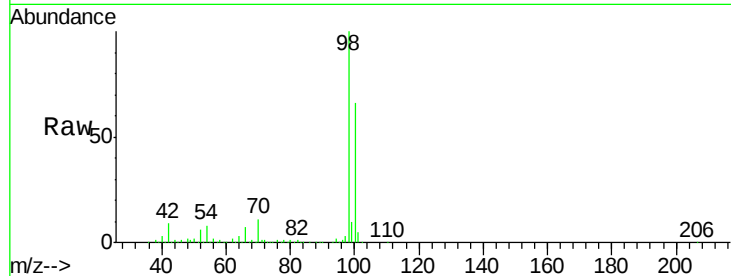




#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067496.D
Acq: 02 Nov 2020 17:20

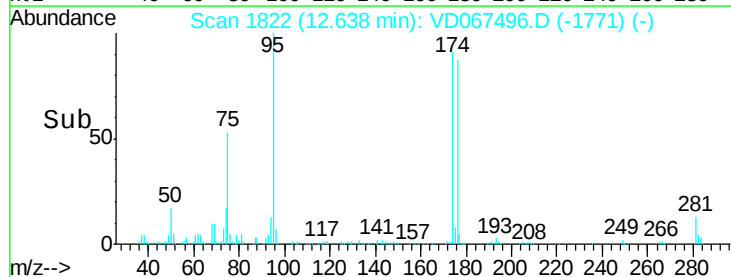
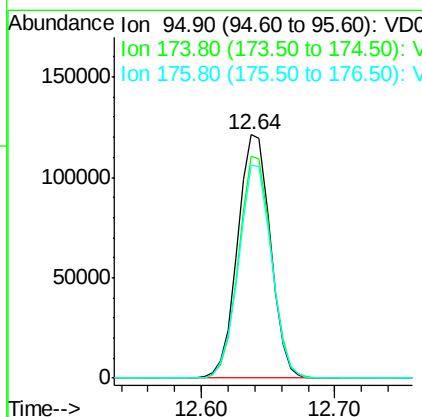
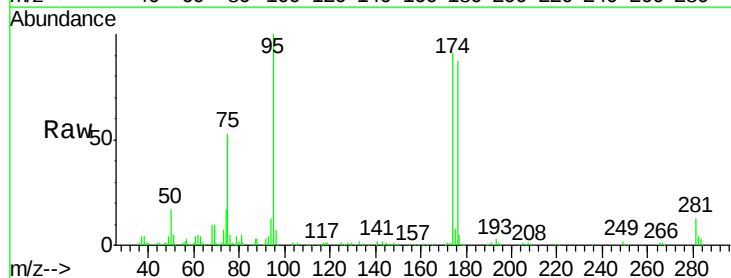
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MSVOA_D
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TP-1916-GC-GRAB-A

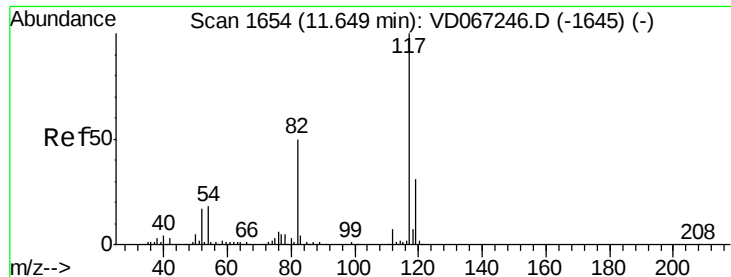
Tot Ion: 98 Resp: 567277
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.719 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067496.D
Acq: 02 Nov 2020 17:20

Tgt Ion: 95 Resp: 206106
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.2
176 87.7 0.0 168.6

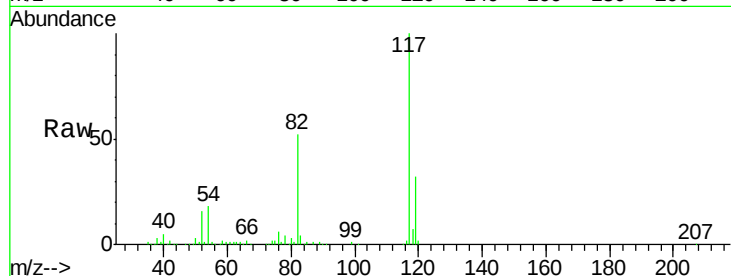




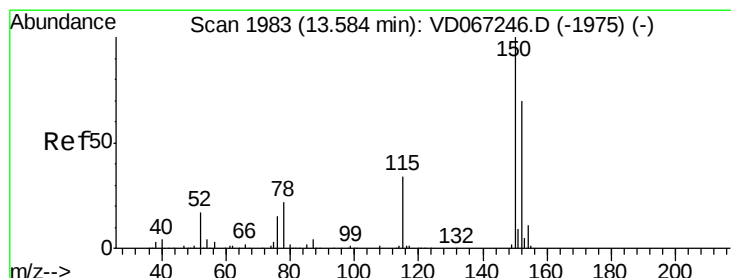
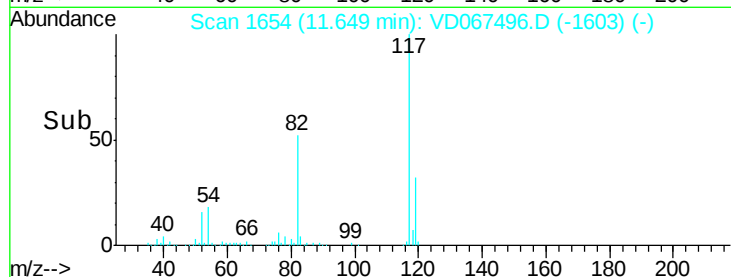
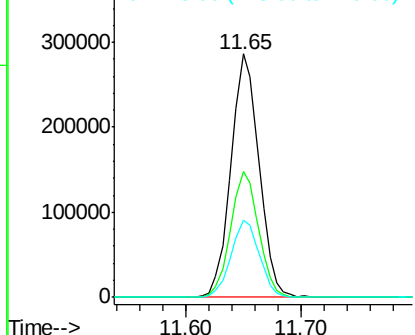
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067496.D
Acq: 02 Nov 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :
TP-1916-GC-GRAB-A

Tot Ion:117 Resp: 483912
Ion Ratio Lower Upper
117 100
82 52.0 39.9 59.9
119 31.8 24.9 37.3

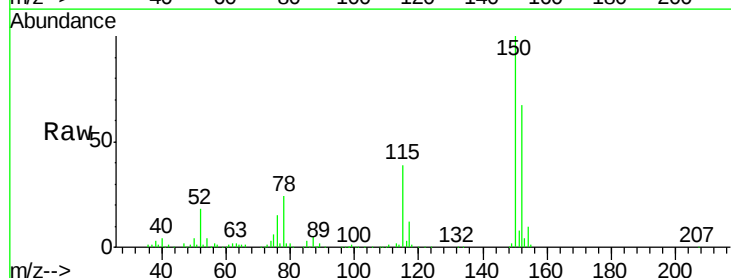


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067496.D
Acq: 02 Nov 2020 17:20

Tgt Ion:152 Resp: 242451
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.9
150 156.3 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

