

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067797.D
 Acq On : 25 Nov 2020 19:48
 Operator : VA/SY
 Sample : L4857-03RE
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 340EM-STOCKPILE-WESTRE

Quant Time: Nov 26 02:56:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	5203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	7864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	7111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	3368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	4640	91.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.44%#
35) Dibromofluoromethane	7.93	113	2745	54.85	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.70%
50) Toluene-d8	10.34	98	7916	43.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.52%
62) 4-Bromofluorobenzene	12.63	95	2806	44.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.74%

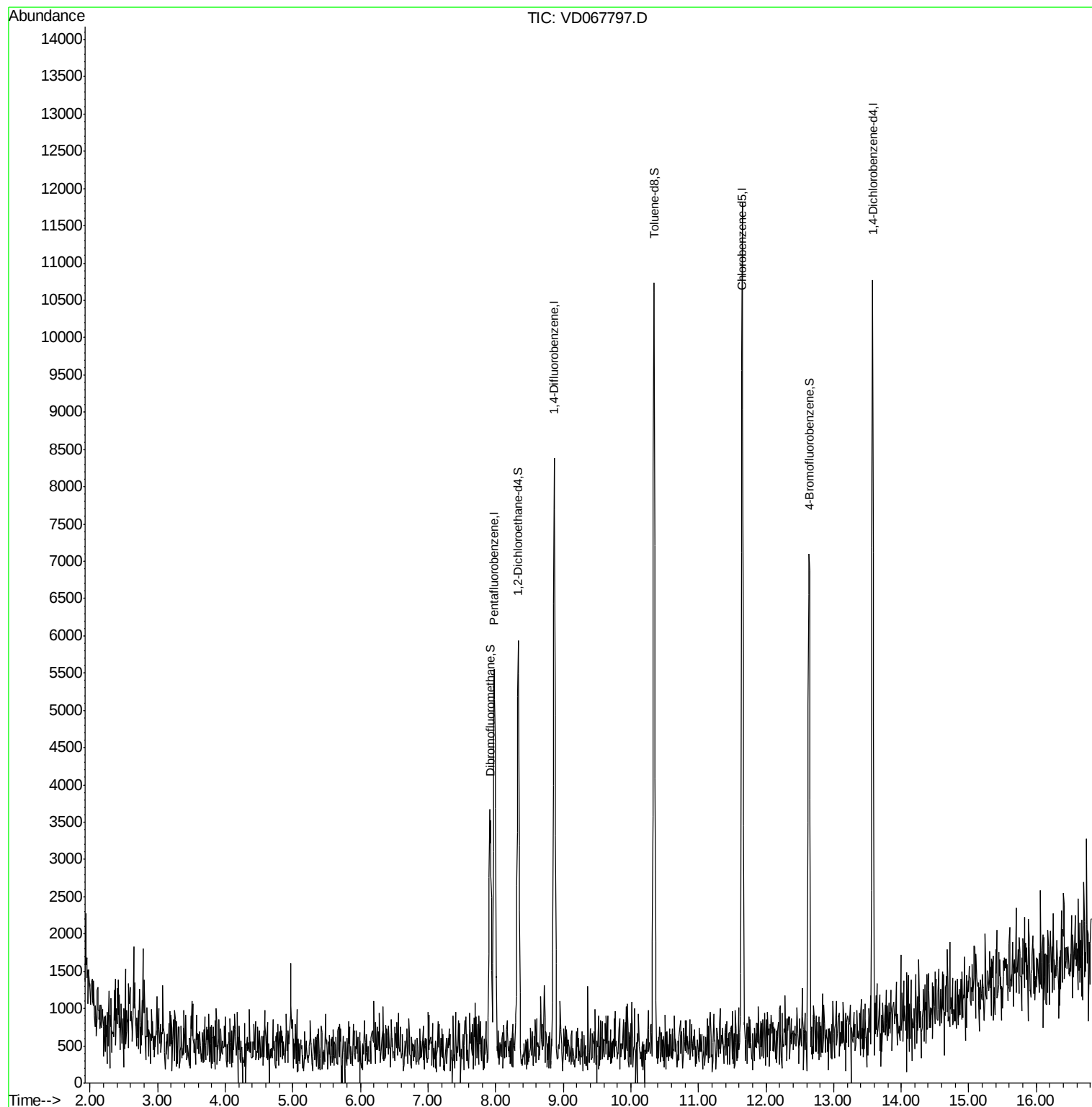
Target Compounds	Qvalue
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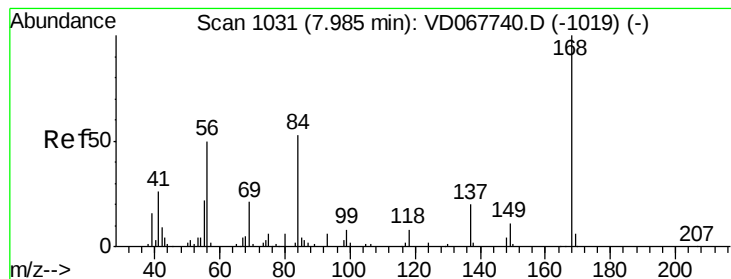
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067797.D

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Instrument :

MSVOA_D

ClientSampleId :

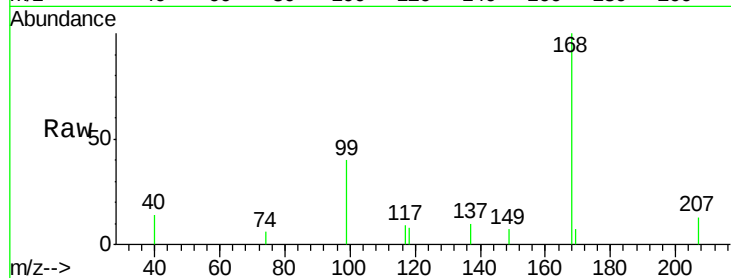
340EM-STOCKPILE-WESTRE

Tot Ion:168 Resp: 5203

Ion Ratio Lower Upper

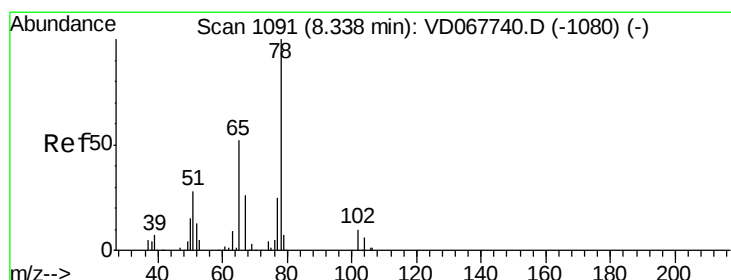
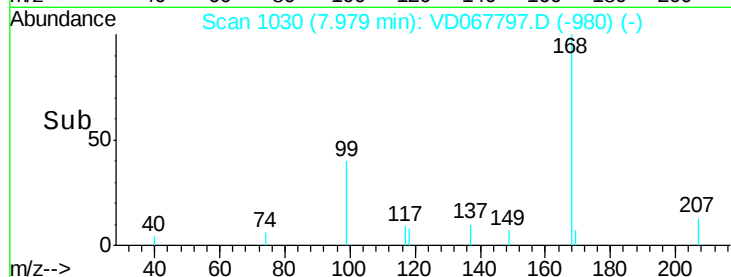
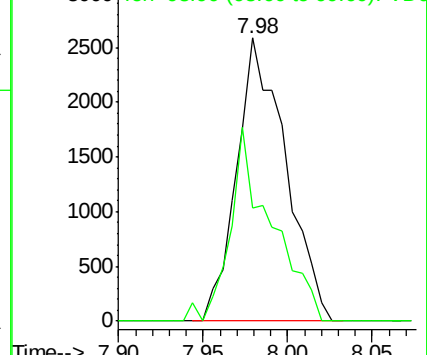
168 100

99 40.0 43.8 65.8#



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: 91.719 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067797.D

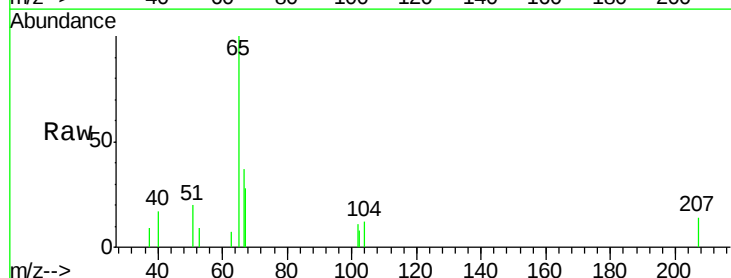
Acq: 25 Nov 2020 19:48

Tgt Ion: 65 Resp: 4640

Ion Ratio Lower Upper

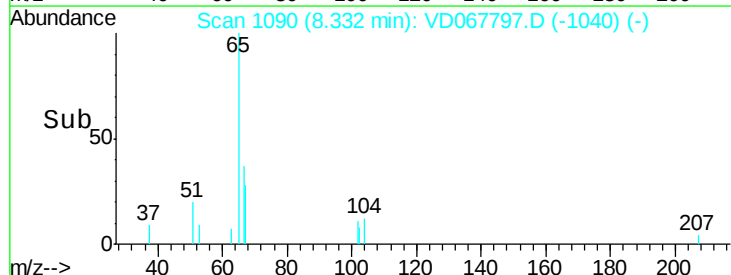
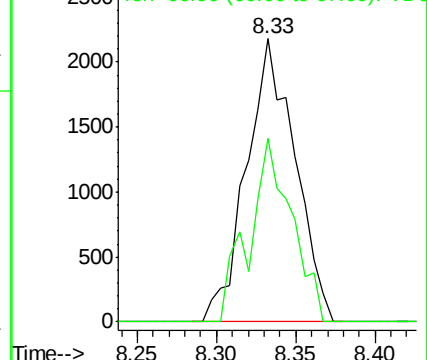
65 100

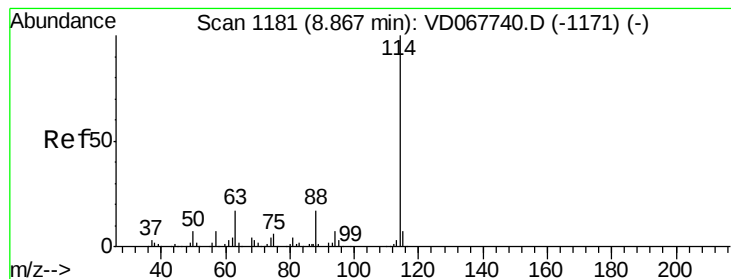
67 56.6 0.0 101.0



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# 1182

Delta R.T. 0.01 min

Lab File: VD067797.D

Acq: 25 Nov 2020 19:48

Instrument :

MSVOA_D

ClientSampleId :

340EM-STOCKPILE-WESTRE

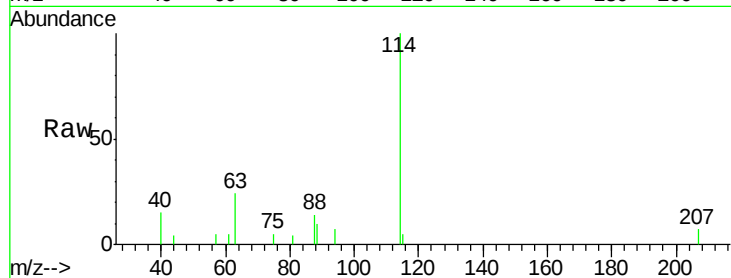
Tot Ion:114 Resp: 7864

Ion Ratio Lower Upper

114 100

63 23.6 0.0 34.8

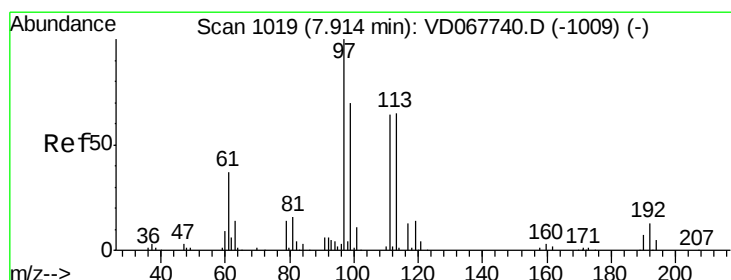
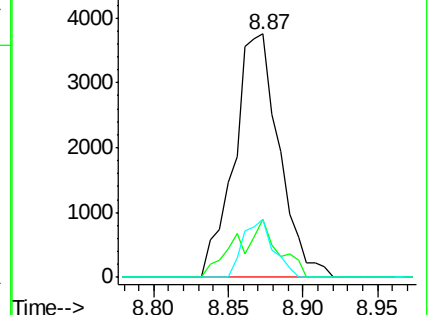
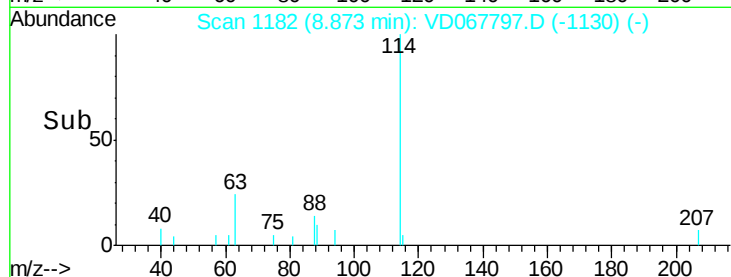
88 24.0 0.0 34.4



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: 54.849 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD067797.D

Acq: 25 Nov 2020 19:48

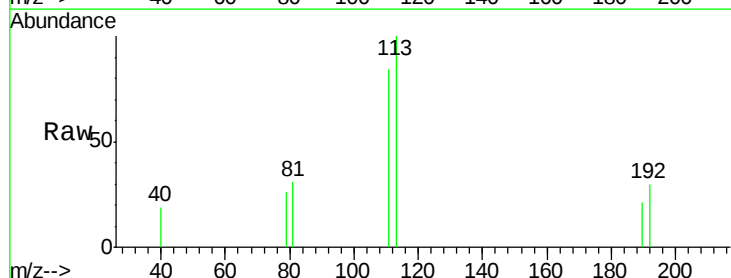
Tgt Ion:113 Resp: 2745

Ion Ratio Lower Upper

113 100

111 88.4 81.4 122.0

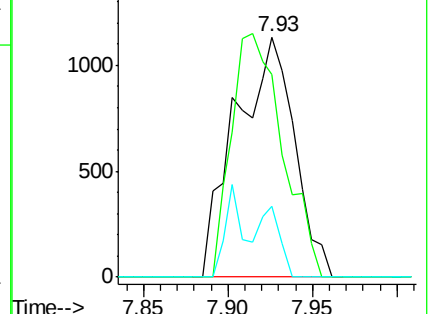
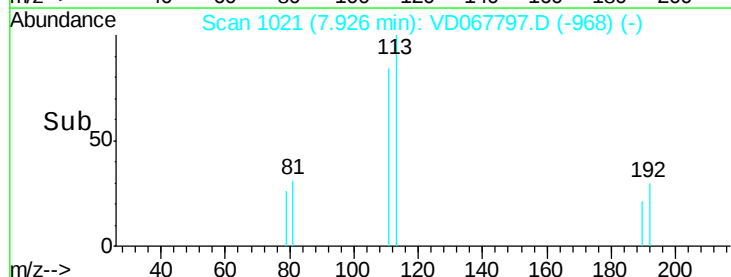
192 10.1 17.0 25.4#

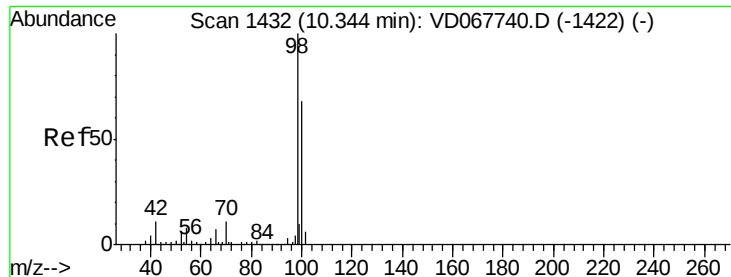


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

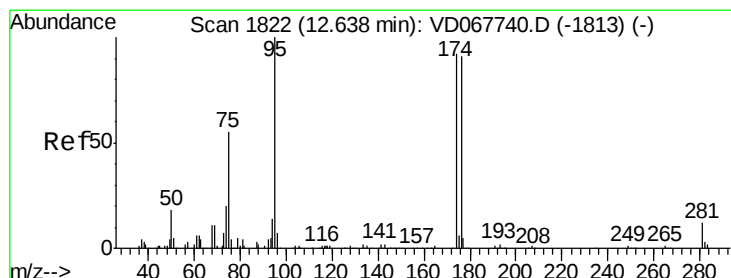
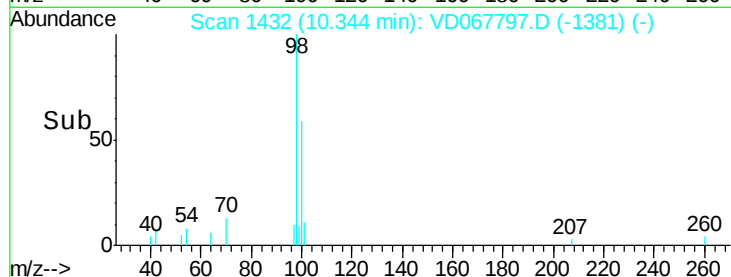
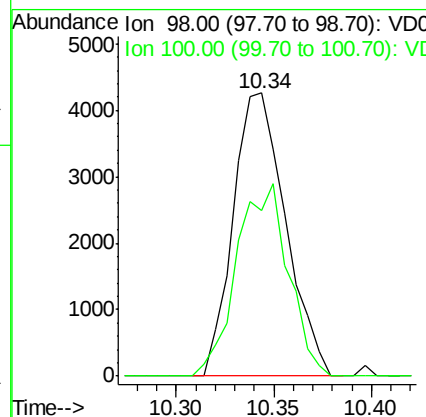
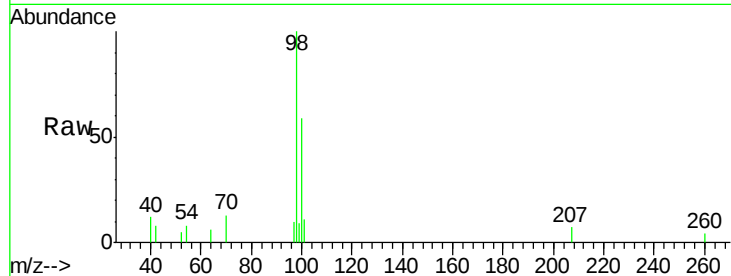




#50
Toluene-d8
Concen: 43.263 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067797.D
Acq: 25 Nov 2020 19:48

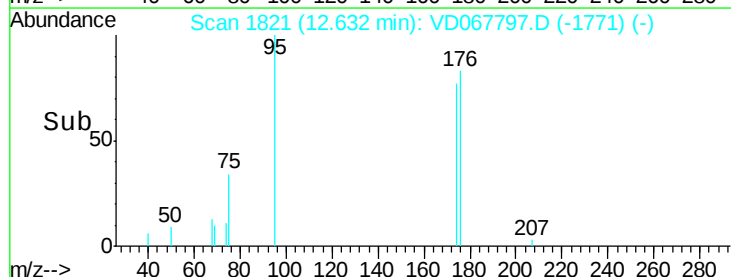
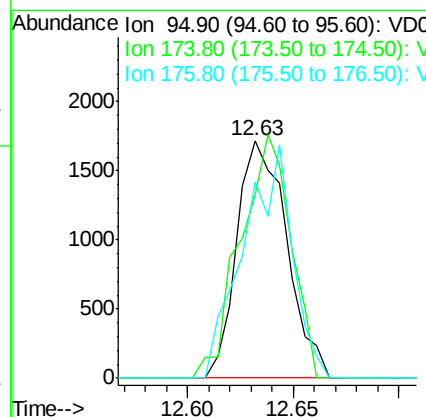
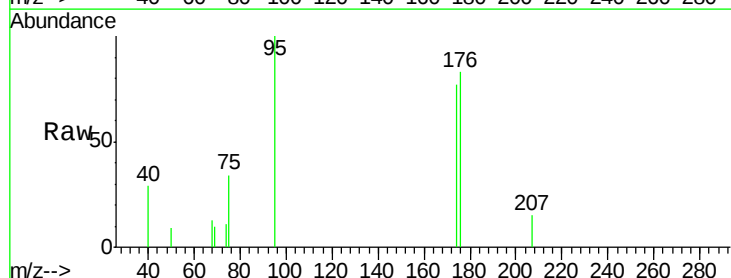
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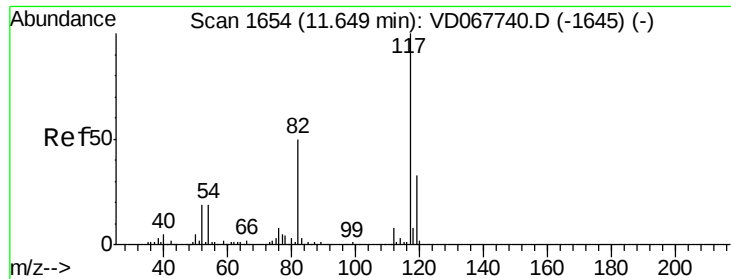
Tot Ion: 98 Resp: 7916
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.867 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD067797.D
Acq: 25 Nov 2020 19:48

Tgt Ion: 95 Resp: 2806
Ion Ratio Lower Upper
95 100
174 103.7 0.0 182.4
176 96.6 0.0 178.2

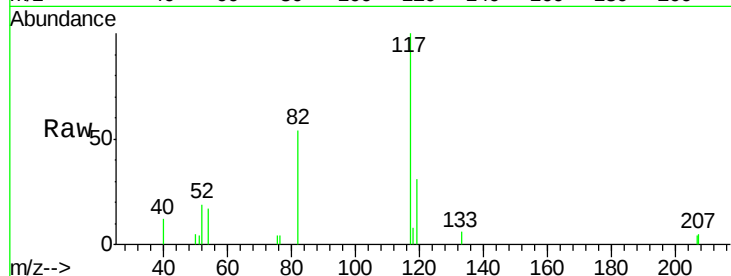




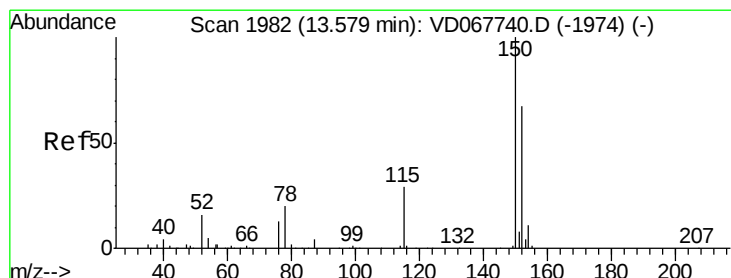
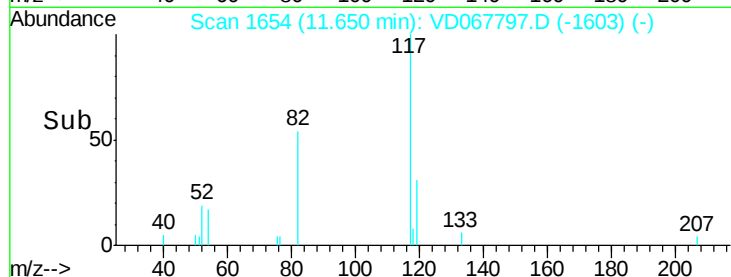
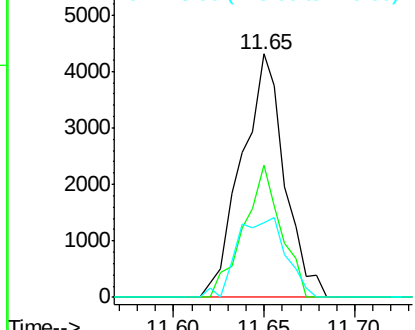
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067797.D
Acq: 25 Nov 2020 19:48

Instrument :
MSVOA_D
ClientSampleId :
340EM-STOCKPILE-WESTRE

Tot Ion:117 Resp: 7111
Ion Ratio Lower Upper
117 100
82 54.2 40.2 60.4
119 30.8 26.5 39.7

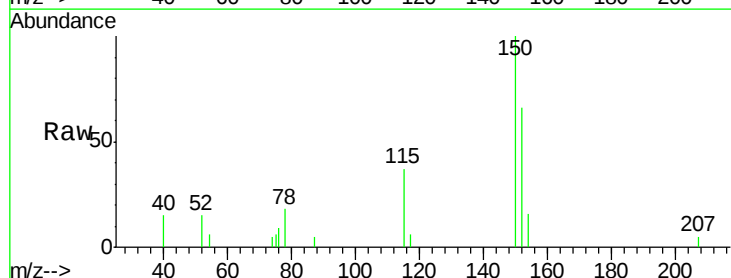


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067797.D
Acq: 25 Nov 2020 19:48

Tgt Ion:152 Resp: 3368
Ion Ratio Lower Upper
152 100
115 57.7 29.4 88.3
150 143.0 0.0 340.6



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

