

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071534.D
 Acq On : 29 Dec 2021 17:46
 Operator : VA/SY
 Sample : M5230-01RE
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042RE

Quant Time: Dec 29 17:58:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

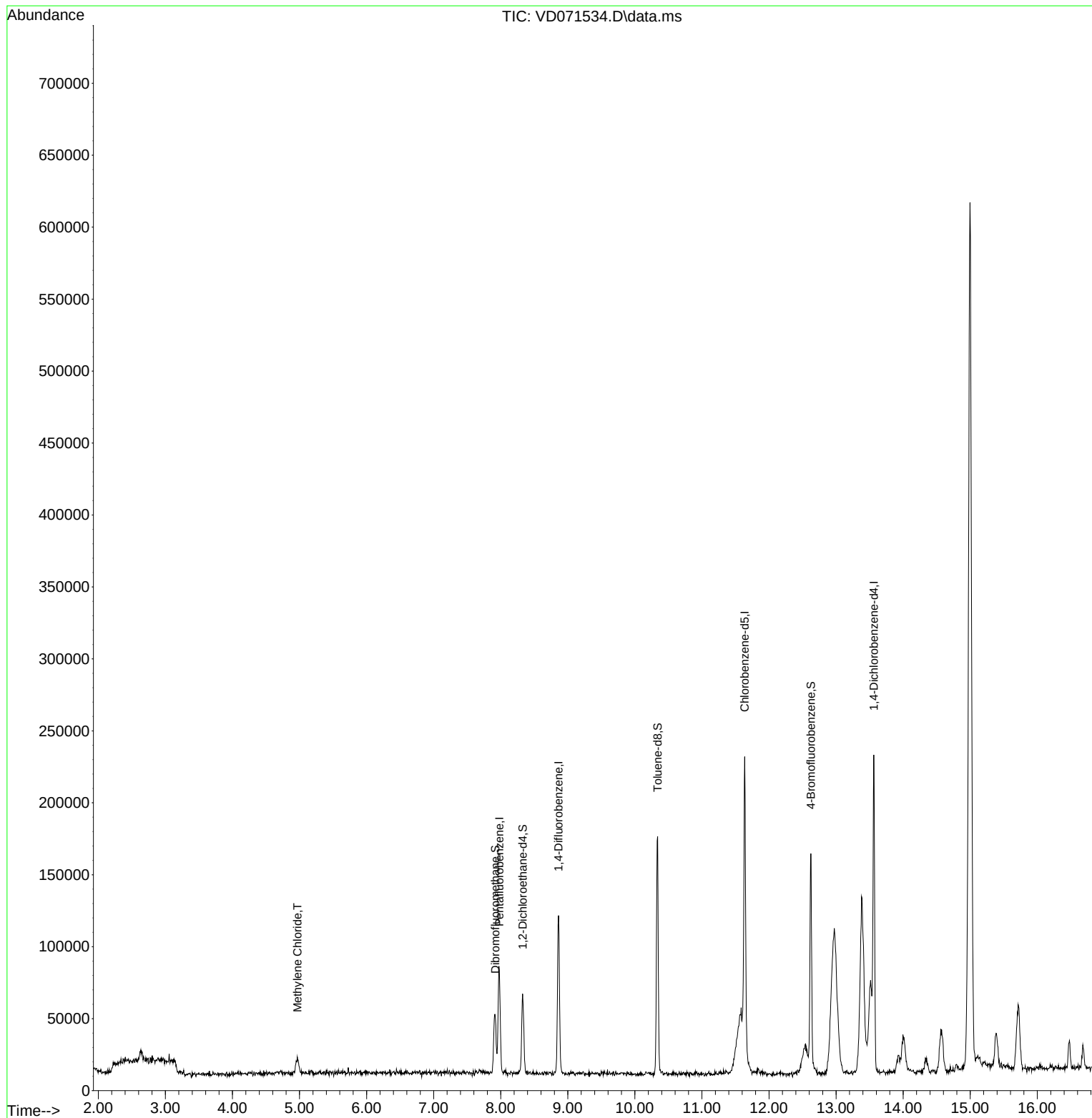
Internal Standards						
1) Pentafluorobenzene	7.979	168	49416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	86026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	96289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	50540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	44685	68.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.180%	
35) Dibromofluoromethane	7.920	113	32156	55.618	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.240%	
50) Toluene-d8	10.338	98	109243	49.999	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.626	95	44001	56.673	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.340%	
Target Compounds						Qvalue
20) Methylene Chloride	4.967	84	8041	7.125	ug/l	90

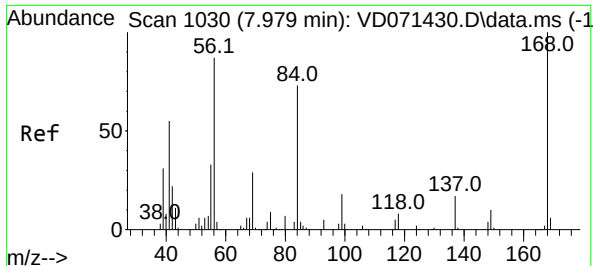
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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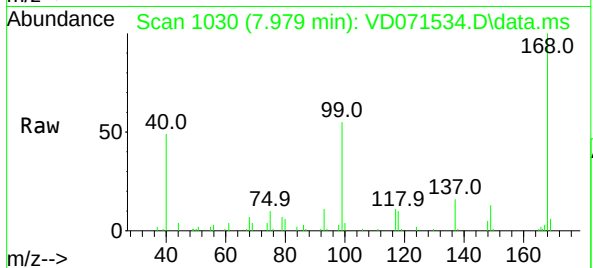
Quant Time: Dec 29 17:58:04 2021
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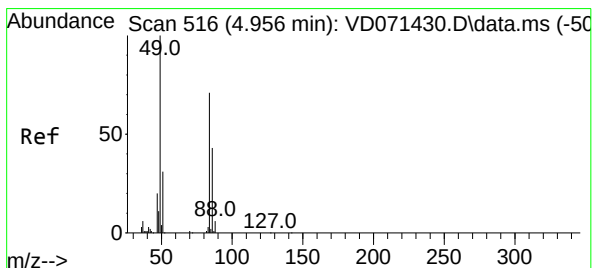
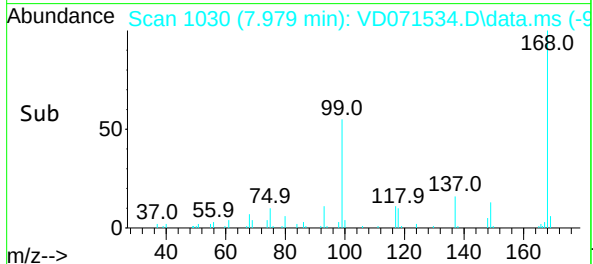
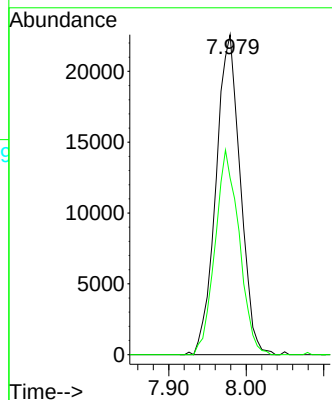


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071534.D
Acq: 29 Dec 2021 17:46

Instrument :
MSVOA_D
ClientSampleId :
PSC124042RE

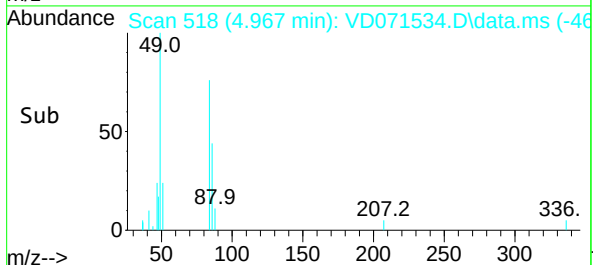
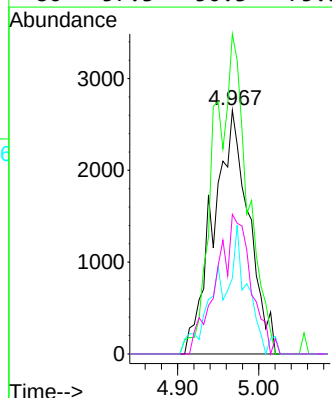
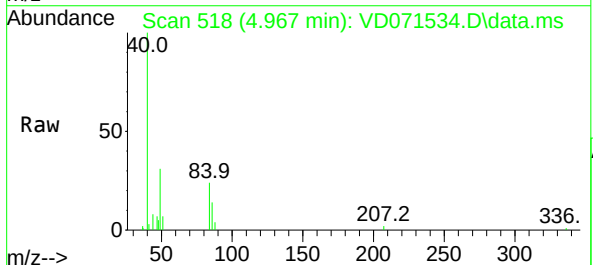


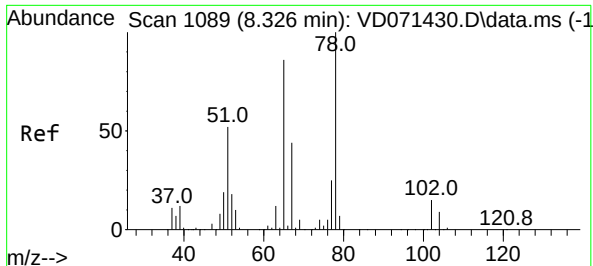
Tgt Ion:168 Resp: 49416
Ion Ratio Lower Upper
168 100
99 55.2 46.6 69.8



#20
Methylene Chloride
Concen: 7.125 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071534.D
Acq: 29 Dec 2021 17:46

Tgt Ion: 84 Resp: 8041
Ion Ratio Lower Upper
84 100
49 131.3 95.8 143.6
51 31.0 30.9 46.3
86 57.3 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 68.088 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071534.D

Acq: 29 Dec 2021 17:46

Instrument :

MSVOA_D

ClientSampleId :

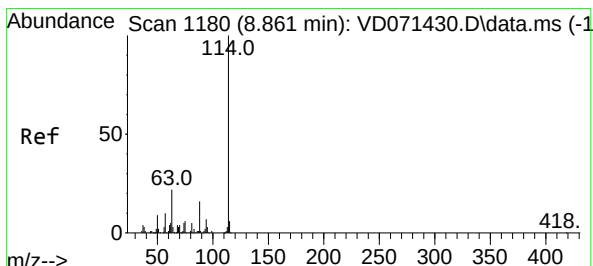
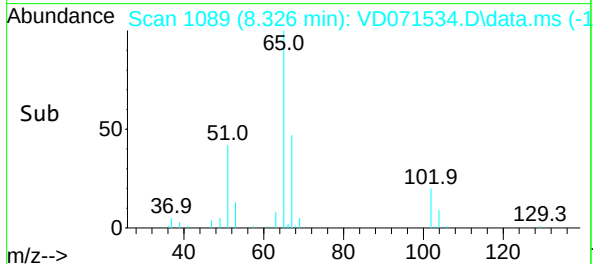
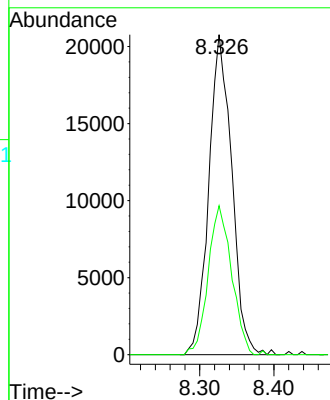
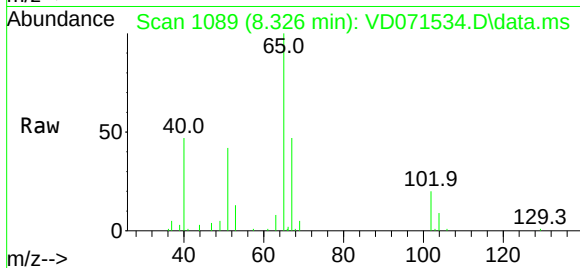
PSC124042RE

Tgt Ion: 65 Resp: 44685

Ion Ratio Lower Upper

65 100

67 47.5 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071534.D

Acq: 29 Dec 2021 17:46

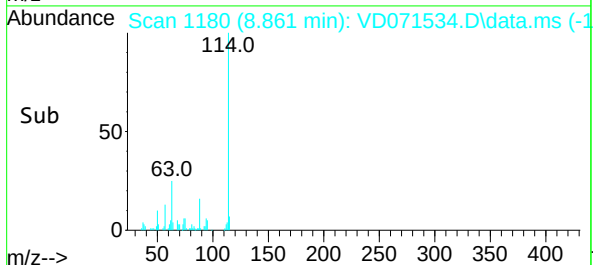
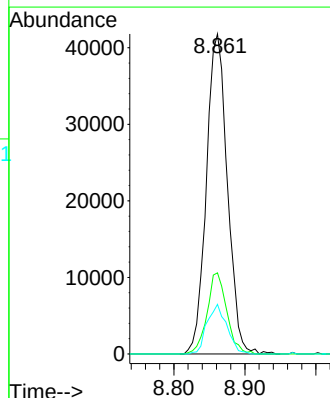
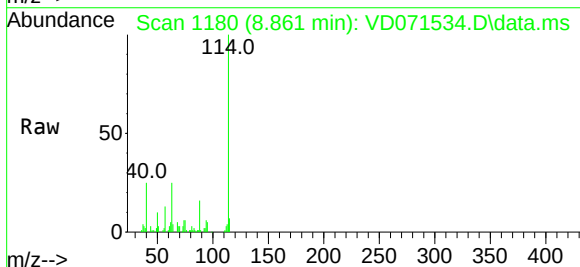
Tgt Ion: 114 Resp: 86026

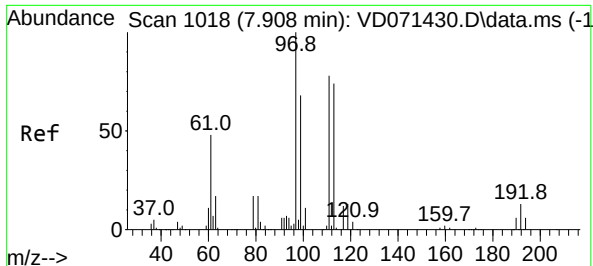
Ion Ratio Lower Upper

114 100

63 25.4 0.0 41.8

88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 55.618 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.012 min

Lab File: VD071534.D

Acq: 29 Dec 2021 17:46

Instrument :

MSVOA_D

ClientSampleId :

PSC124042RE

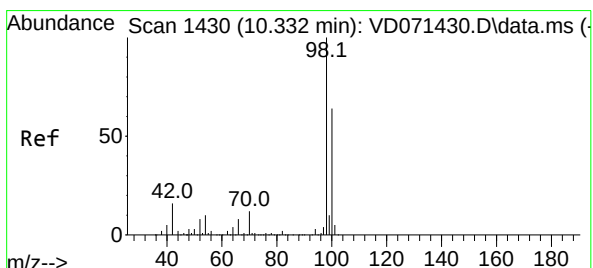
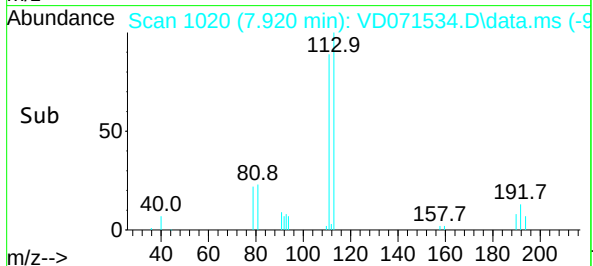
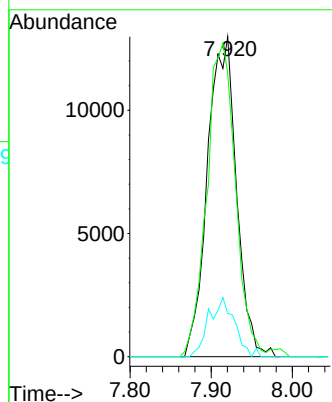
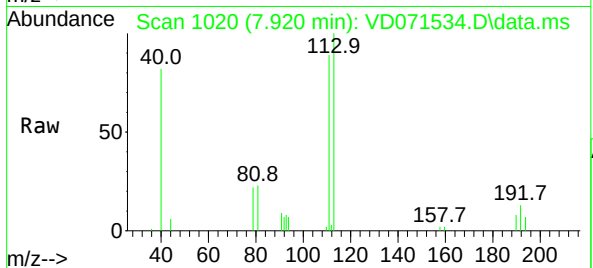
Tgt Ion:113 Resp: 32156

Ion Ratio Lower Upper

113 100

111 97.1 82.0 123.0

192 16.5 15.2 22.8



#50

Toluene-d8

Concen: 49.999 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD071534.D

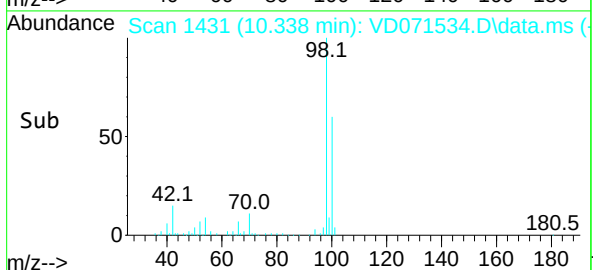
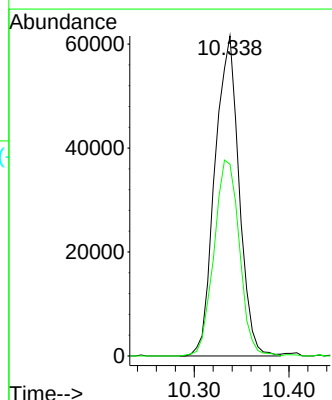
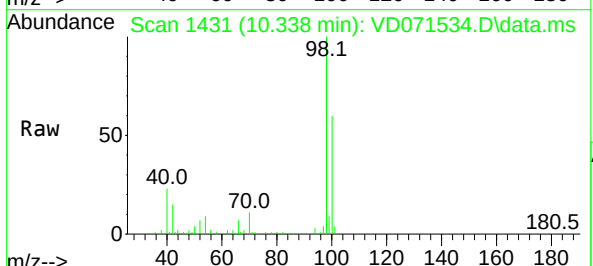
Acq: 29 Dec 2021 17:46

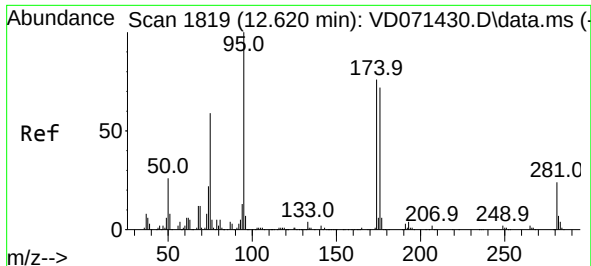
Tgt Ion: 98 Resp: 109243

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.6

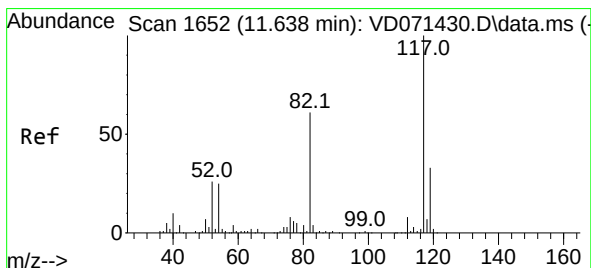
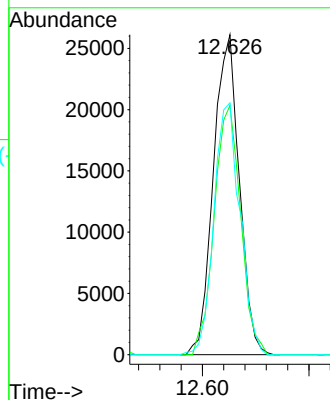
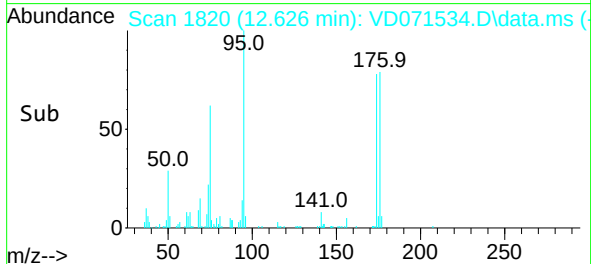
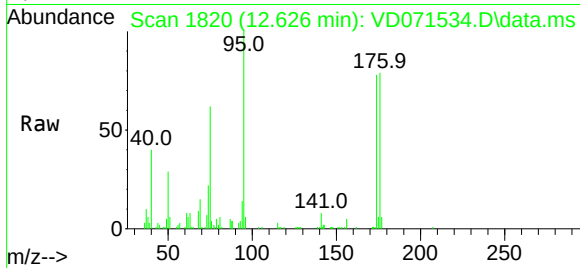




#62
4-Bromofluorobenzene
Concen: 56.673 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071534.D
Acq: 29 Dec 2021 17:46

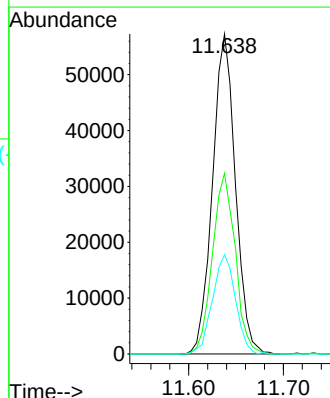
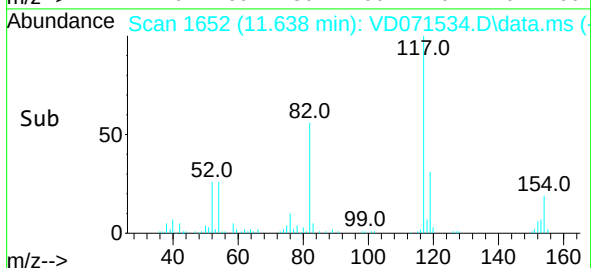
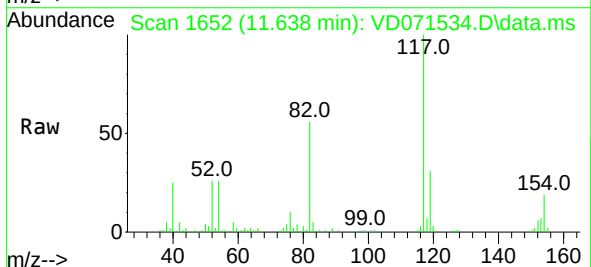
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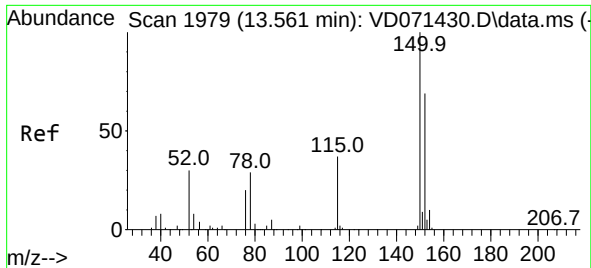
Tgt Ion: 95 Resp: 44001
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.4
176 79.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071534.D
Acq: 29 Dec 2021 17:46

Tgt Ion: 117 Resp: 96289
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.0 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD071534.D
 Acq: 29 Dec 2021 17:46

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC124042RE

Tgt Ion:152 Resp: 50540
 Ion Ratio Lower Upper
 152 100
 115 67.9 29.8 89.3
 150 158.5 0.0 349.2

