

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074530.D
 Acq On : 13 Oct 2022 15:36
 Operator : VA/SY
 Sample : N5100-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW5-GW-863-865

Quant Time: Oct 13 16:58:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

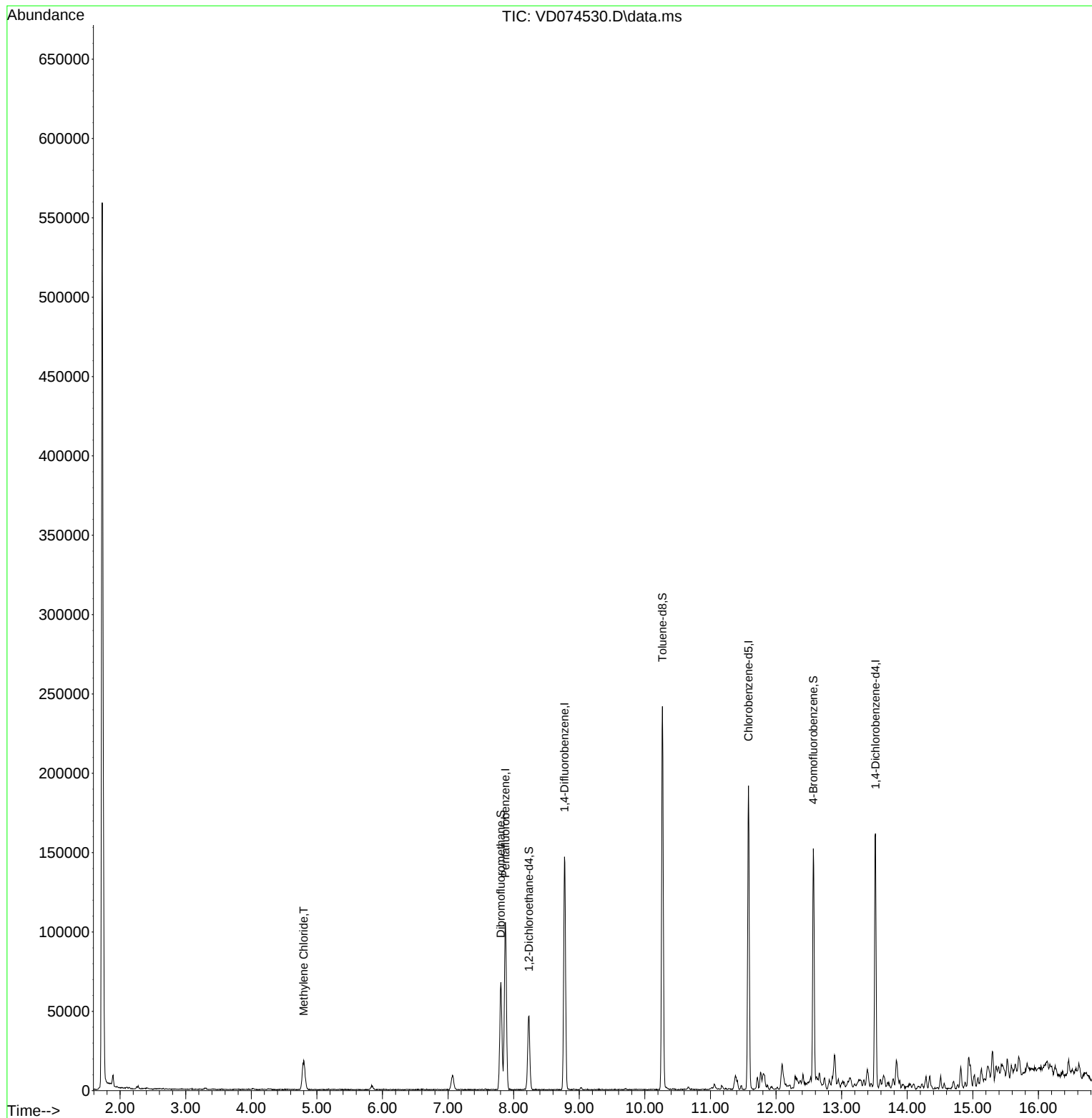
Internal Standards						
1) Pentafluorobenzene	7.875	168	85467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	140375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	119277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	36449	49.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.804	113	49288	58.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.540%
50) Toluene-d8	10.269	98	176938	54.885	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.780%
62) 4-Bromofluorobenzene	12.569	95	45610	45.742	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.480%
Target Compounds						
20) Methylene Chloride	4.799	84	16125	6.457	ug/l	Qvalue # 96

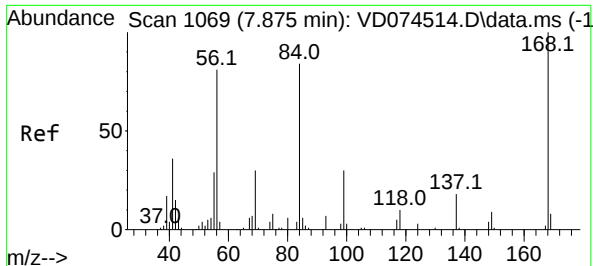
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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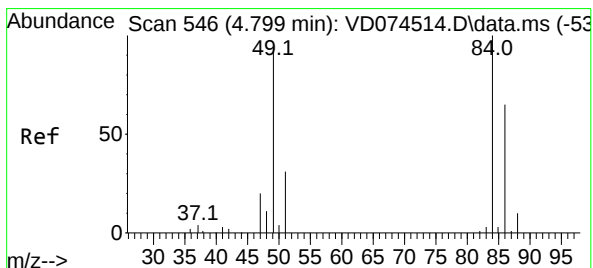
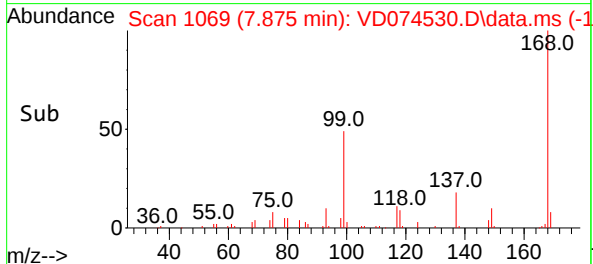
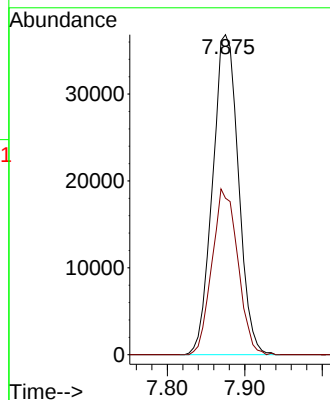
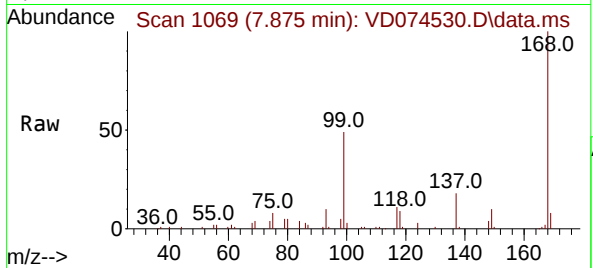




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074530.D
Acq: 13 Oct 2022 15:36

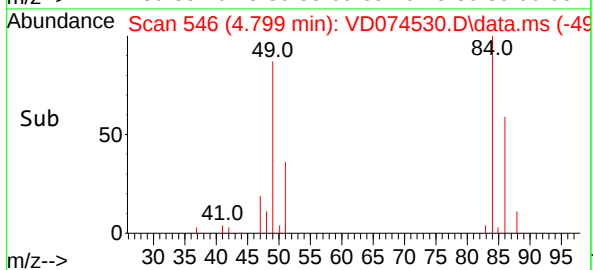
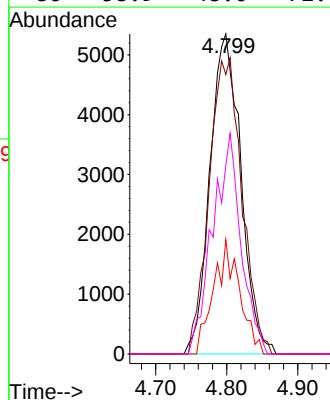
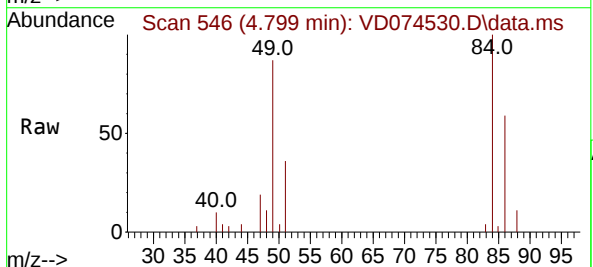
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW5-GW-863-865

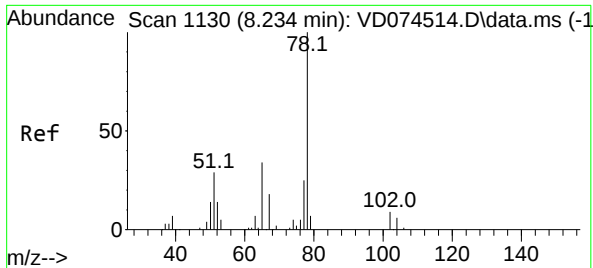
Tgt Ion:168 Resp: 85467
Ion Ratio Lower Upper
168 100
99 48.9 40.9 61.3



#20
Methylene Chloride
Concen: 6.457 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074530.D
Acq: 13 Oct 2022 15:36

Tgt Ion: 84 Resp: 16125
Ion Ratio Lower Upper
84 100
49 87.4 68.0 102.0
51 35.7 23.2 34.8#
86 58.9 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 49.546 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074530.D

Acq: 13 Oct 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

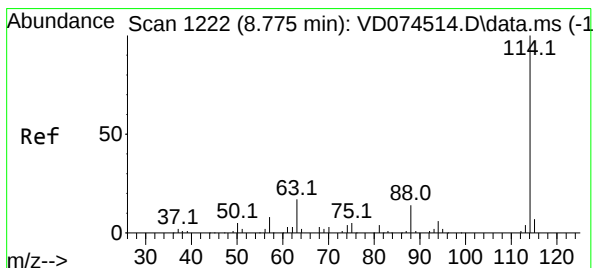
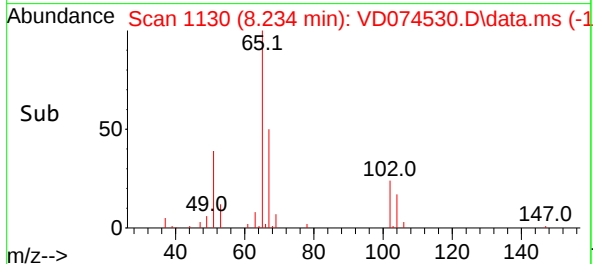
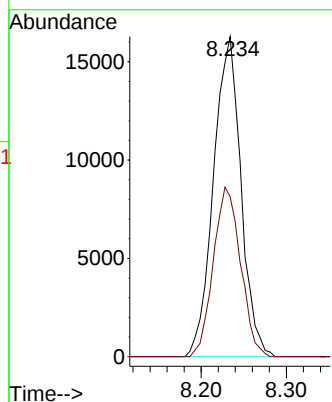
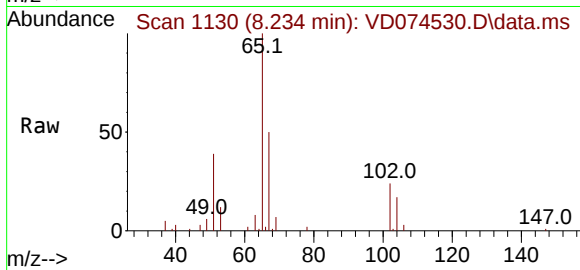
BP-VPB-RW5-GW-863-865

Tgt Ion: 65 Resp: 36449

Ion Ratio Lower Upper

65 100

67 52.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074530.D

Acq: 13 Oct 2022 15:36

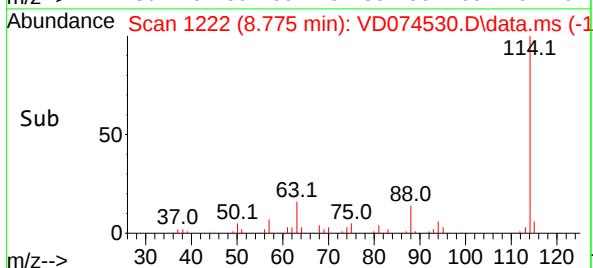
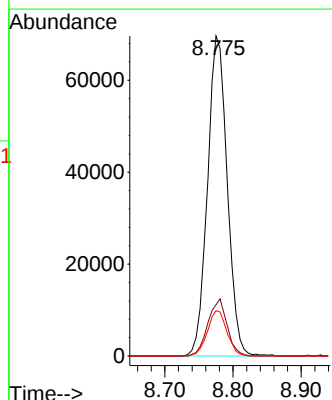
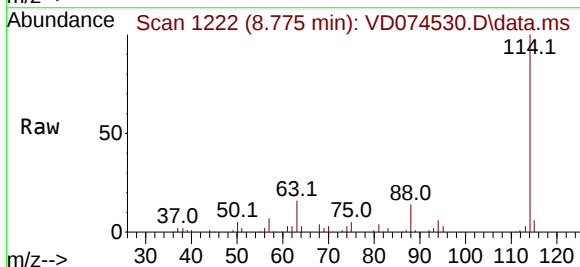
Tgt Ion: 114 Resp: 140375

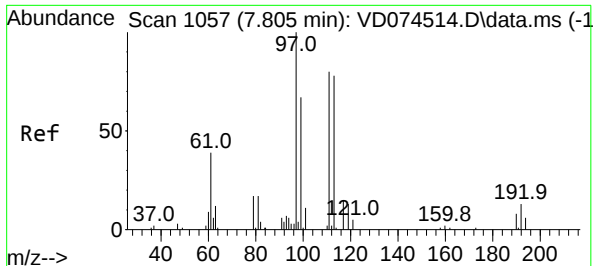
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 14.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 58.773 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074530.D

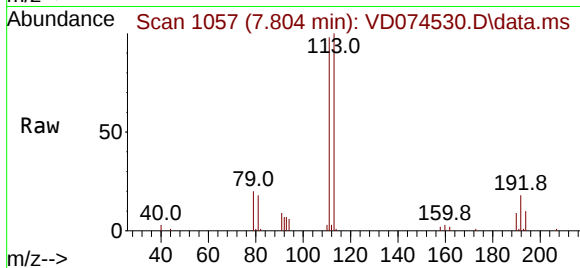
Acq: 13 Oct 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-863-865



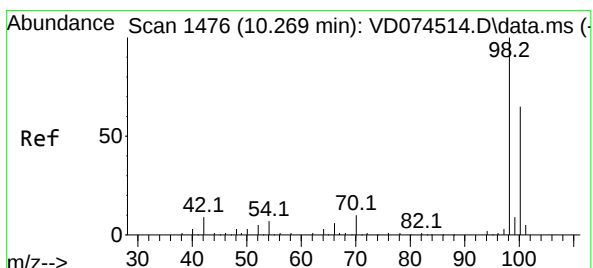
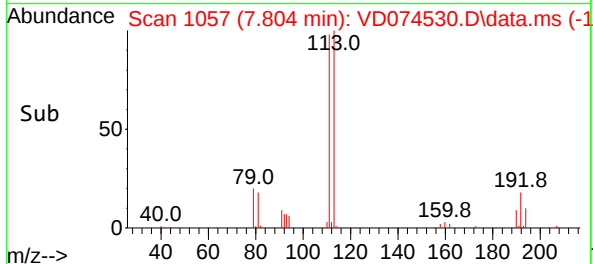
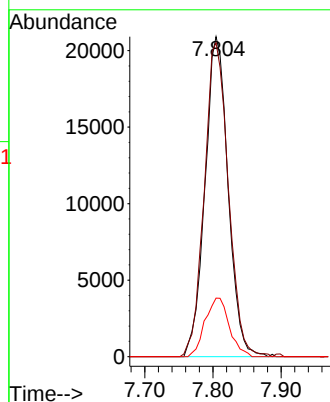
Tgt Ion:113 Resp: 49288

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 19.2 16.4 24.6



#50

Toluene-d8

Concen: 54.885 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074530.D

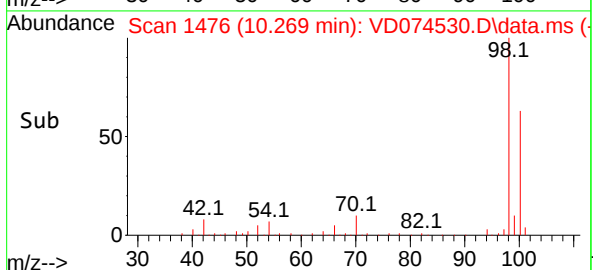
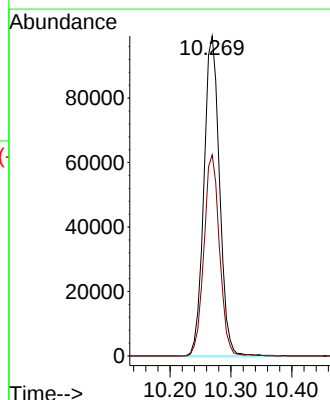
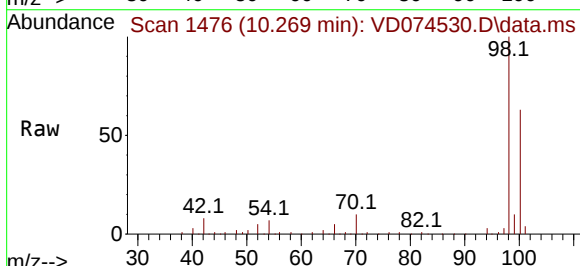
Acq: 13 Oct 2022 15:36

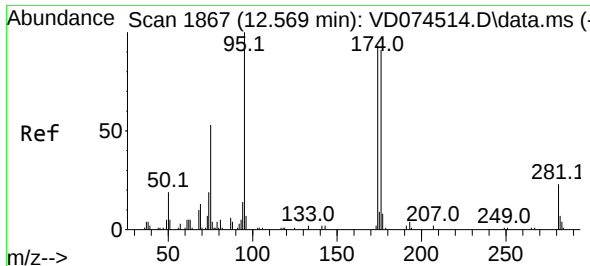
Tgt Ion: 98 Resp: 176938

Ion Ratio Lower Upper

98 100

100 62.4 51.4 77.0

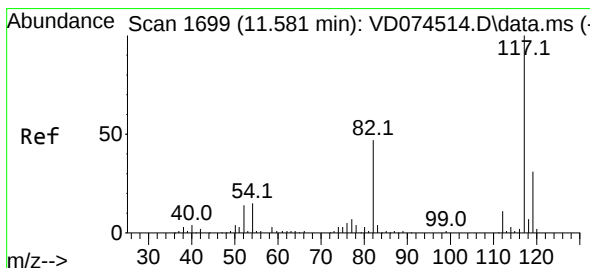
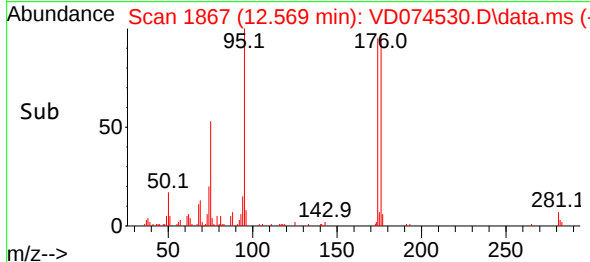
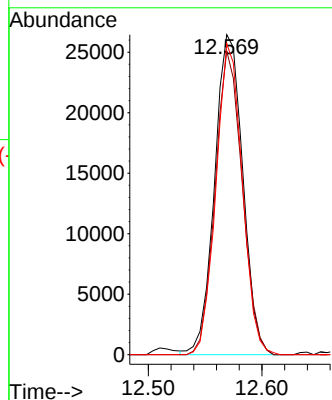
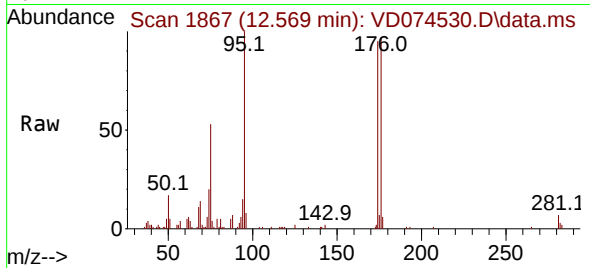




#62
4-Bromofluorobenzene
Concen: 45.742 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074530.D
Acq: 13 Oct 2022 15:36

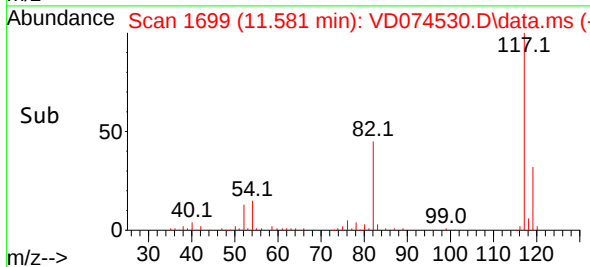
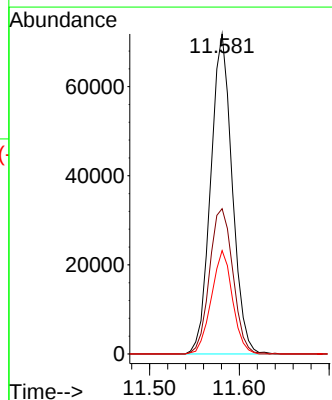
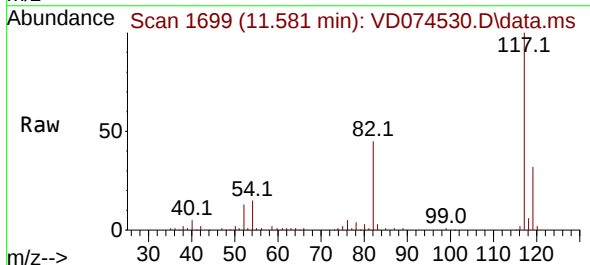
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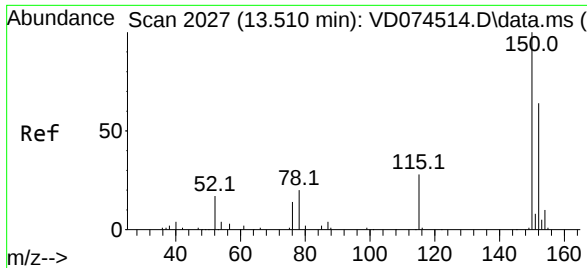
Tgt Ion:	95	Resp:	45610
Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	197.0
176	90.7	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074530.D
Acq: 13 Oct 2022 15:36

Tgt Ion:	117	Resp:	119277
Ion	Ratio	Lower	Upper
117	100		
82	45.4	41.6	62.4
119	32.3	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074530.D

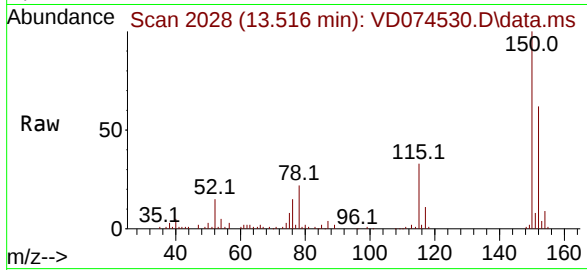
Acq: 13 Oct 2022 15:36

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW5-GW-863-865



Tgt Ion:152 Resp: 44892

Ion Ratio Lower Upper

152 100

115 55.2 26.8 80.4

150 160.3 0.0 348.2

