

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074473.D
 Acq On : 06 Oct 2022 18:28
 Operator : VA/SY
 Sample : N5014-11
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-0-2.0-DUP

Quant Time: Oct 07 01:27:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

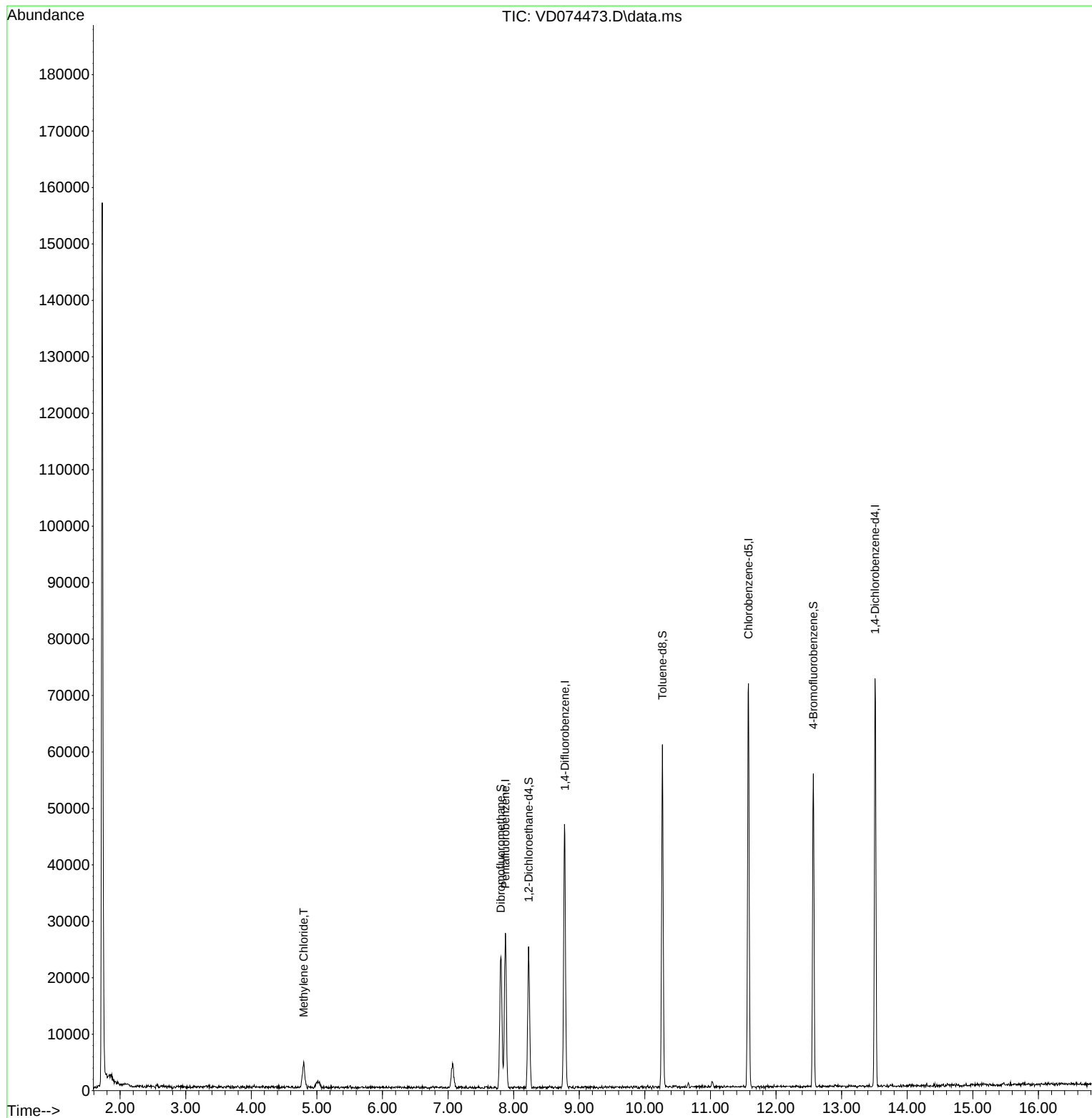
Internal Standards						
1) Pentafluorobenzene	7.875	168	22551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	44435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	45686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	21209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	18466	92.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.320%#	
35) Dibromofluoromethane	7.804	113	17688	60.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.740%	
50) Toluene-d8	10.269	98	42977	40.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.020%	
62) 4-Bromofluorobenzene	12.569	95	17821	54.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.860%	
Target Compounds						
20) Methylene Chloride	4.799	84	3698	7.563	ug/l	Qvalue # 89

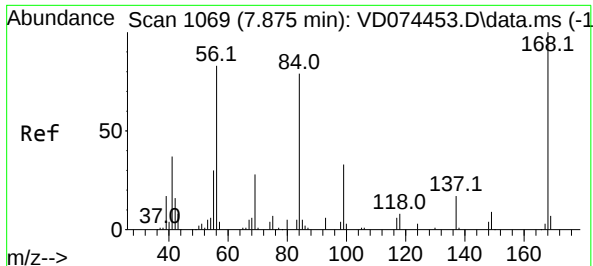
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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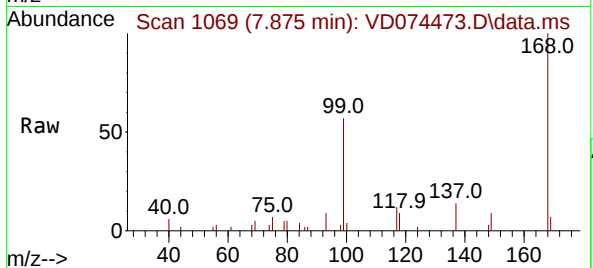
Quant Time: Oct 07 01:27:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
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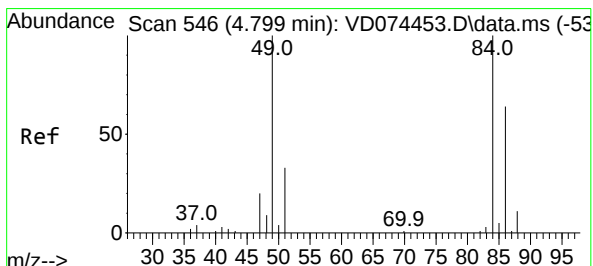
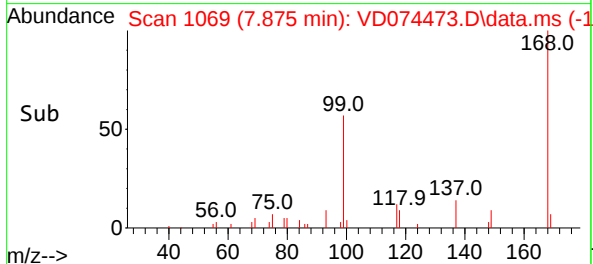
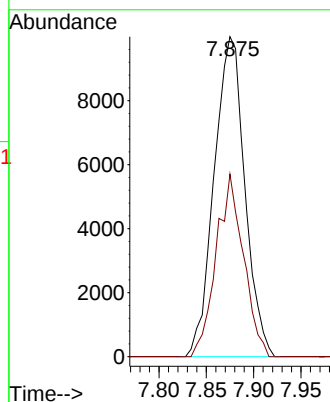


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074473.D
Acq: 06 Oct 2022 18:28

Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0-DUP

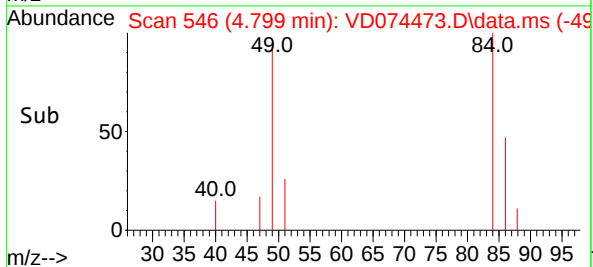
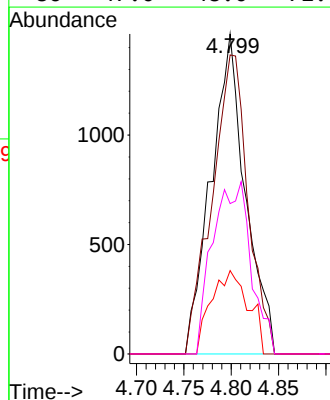
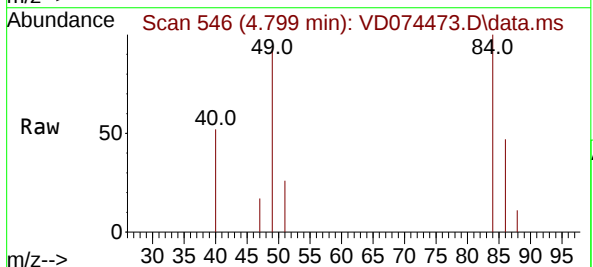


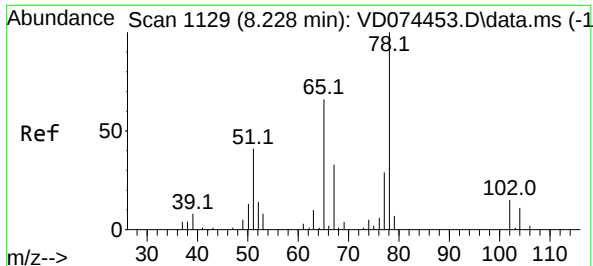
Tgt Ion:168 Resp: 22551
Ion Ratio Lower Upper
168 100
99 57.1 40.9 61.3



#20
Methylene Chloride
Concen: 7.563 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074473.D
Acq: 06 Oct 2022 18:28

Tgt Ion: 84 Resp: 3698
Ion Ratio Lower Upper
84 100
49 93.4 68.0 102.0
51 26.1 23.2 34.8
86 47.0 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 92.165 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074473.D

Acq: 06 Oct 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

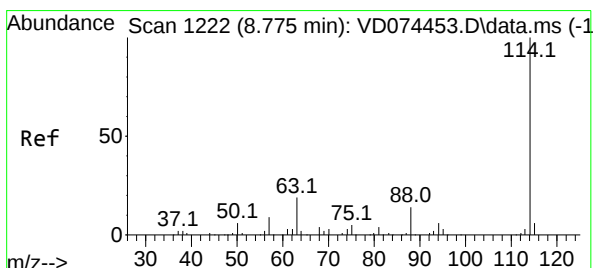
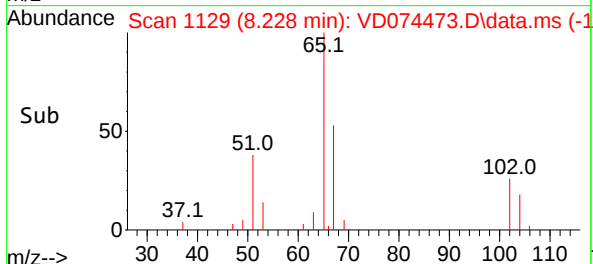
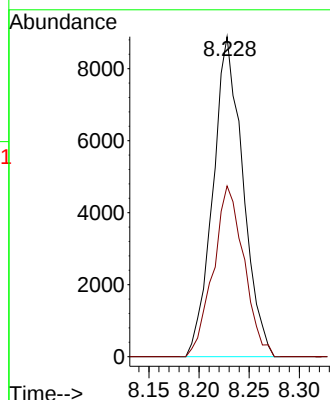
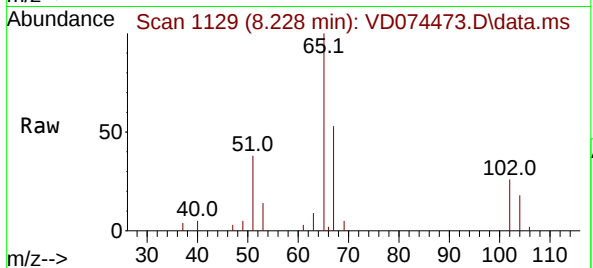
SB-10-0-2.0-DUP

Tgt Ion: 65 Resp: 18466

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074473.D

Acq: 06 Oct 2022 18:28

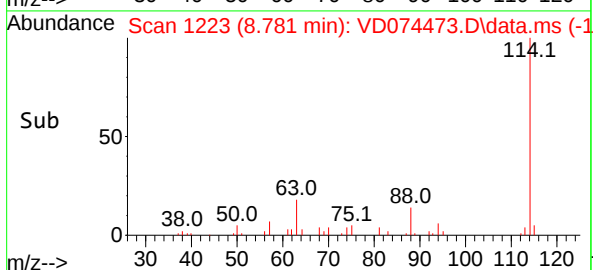
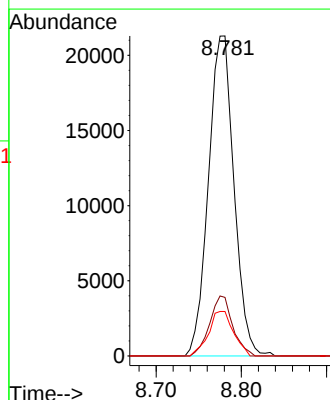
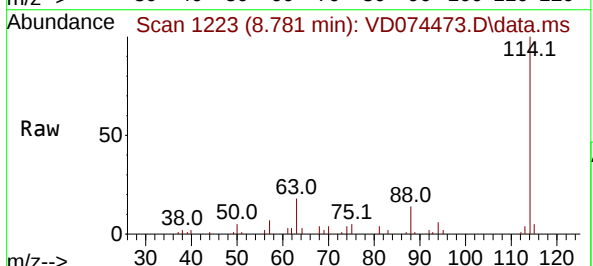
Tgt Ion: 114 Resp: 44435

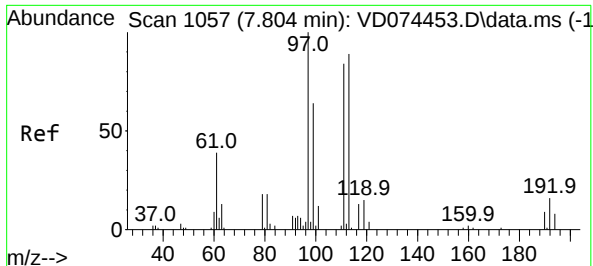
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.2

88 13.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 60.367 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074473.D

Acq: 06 Oct 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

SB-10-0-2.0-DUP

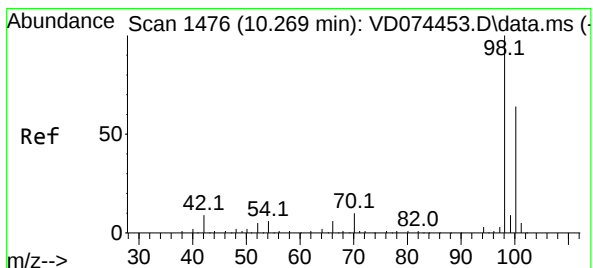
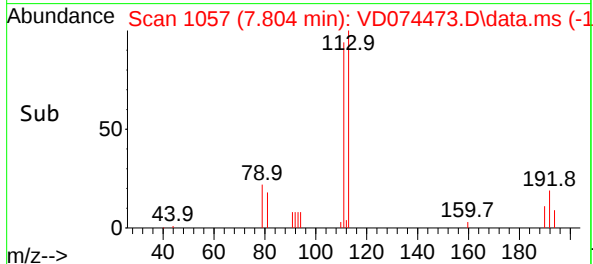
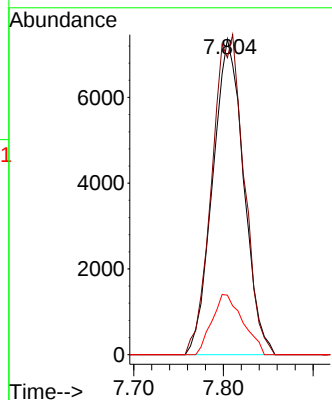
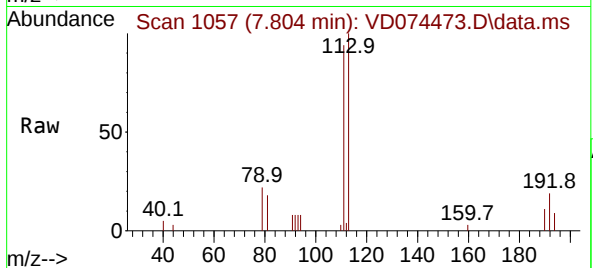
Tgt Ion:113 Resp: 17688

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 18.9 16.4 24.6



#50

Toluene-d8

Concen: 40.513 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074473.D

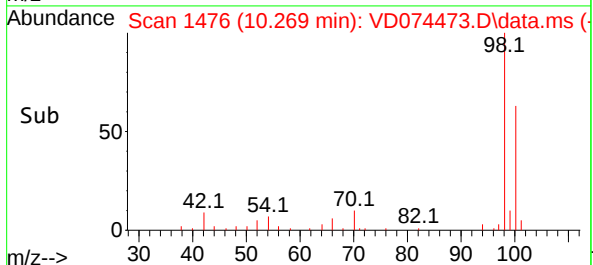
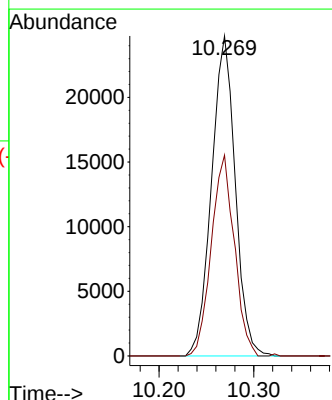
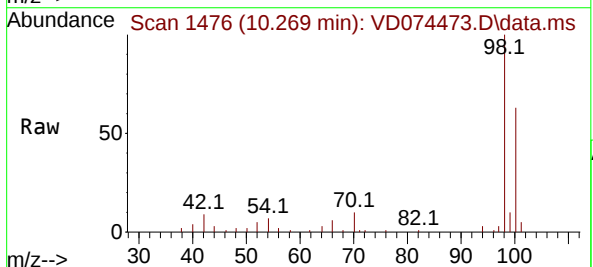
Acq: 06 Oct 2022 18:28

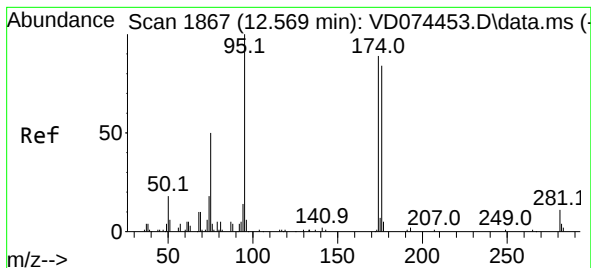
Tgt Ion: 98 Resp: 42977

Ion Ratio Lower Upper

98 100

100 61.0 51.4 77.0

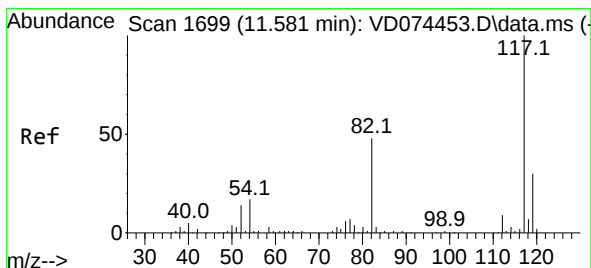
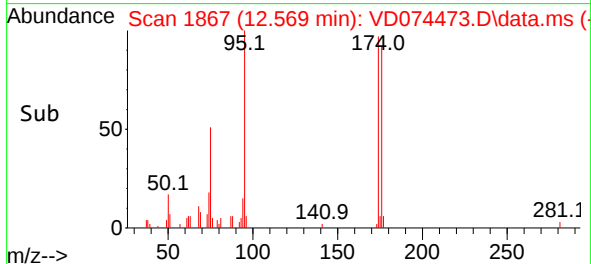
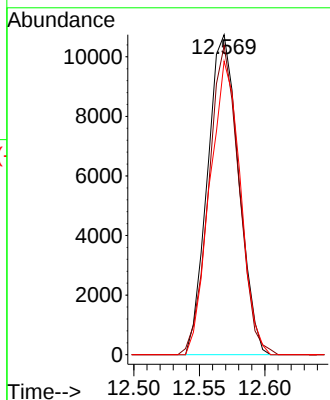
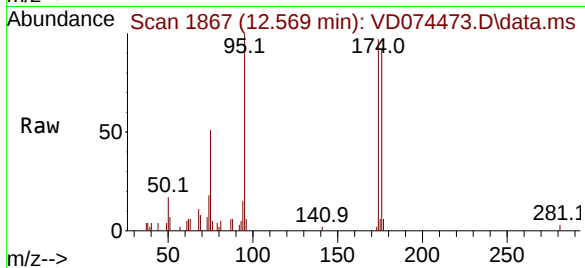




#62
4-Bromofluorobenzene
Concen: 54.431 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074473.D
Acq: 06 Oct 2022 18:28

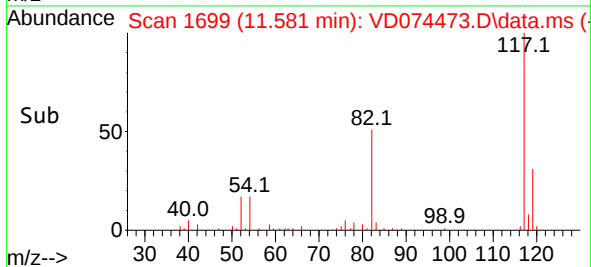
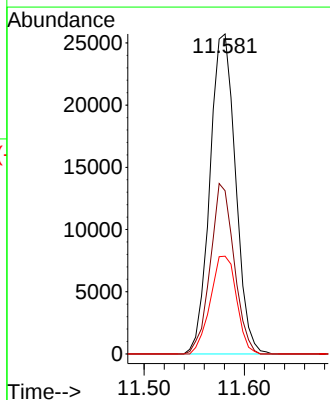
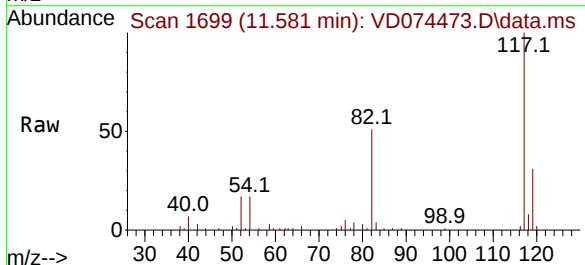
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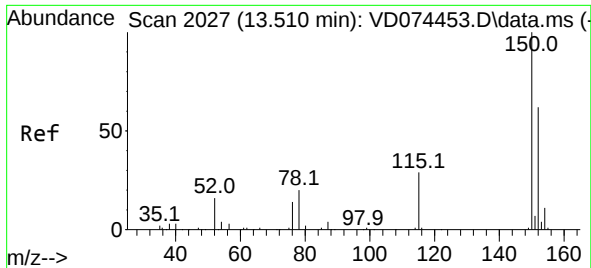
Tgt Ion: 95 Resp: 17821
Ion Ratio Lower Upper
95 100
174 93.2 0.0 197.0
176 89.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074473.D
Acq: 06 Oct 2022 18:28

Tgt Ion: 117 Resp: 45686
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 30.5 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD074473.D

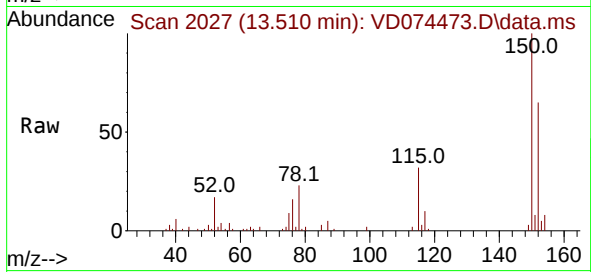
Acq: 06 Oct 2022 18:28

Instrument :

MSVOA_D

ClientSampleId :

SB-10-0-2.0-DUP



Tgt Ion:152 Resp: 21209

Ion Ratio Lower Upper

152 100

115 53.3 26.8 80.4

150 154.0 0.0 348.2

