

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074907.D
 Acq On : 12 Nov 2022 00:54
 Operator : VA/SY
 Sample : N5509-04
 Misc : 6.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13

Quant Time: Nov 14 00:58:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

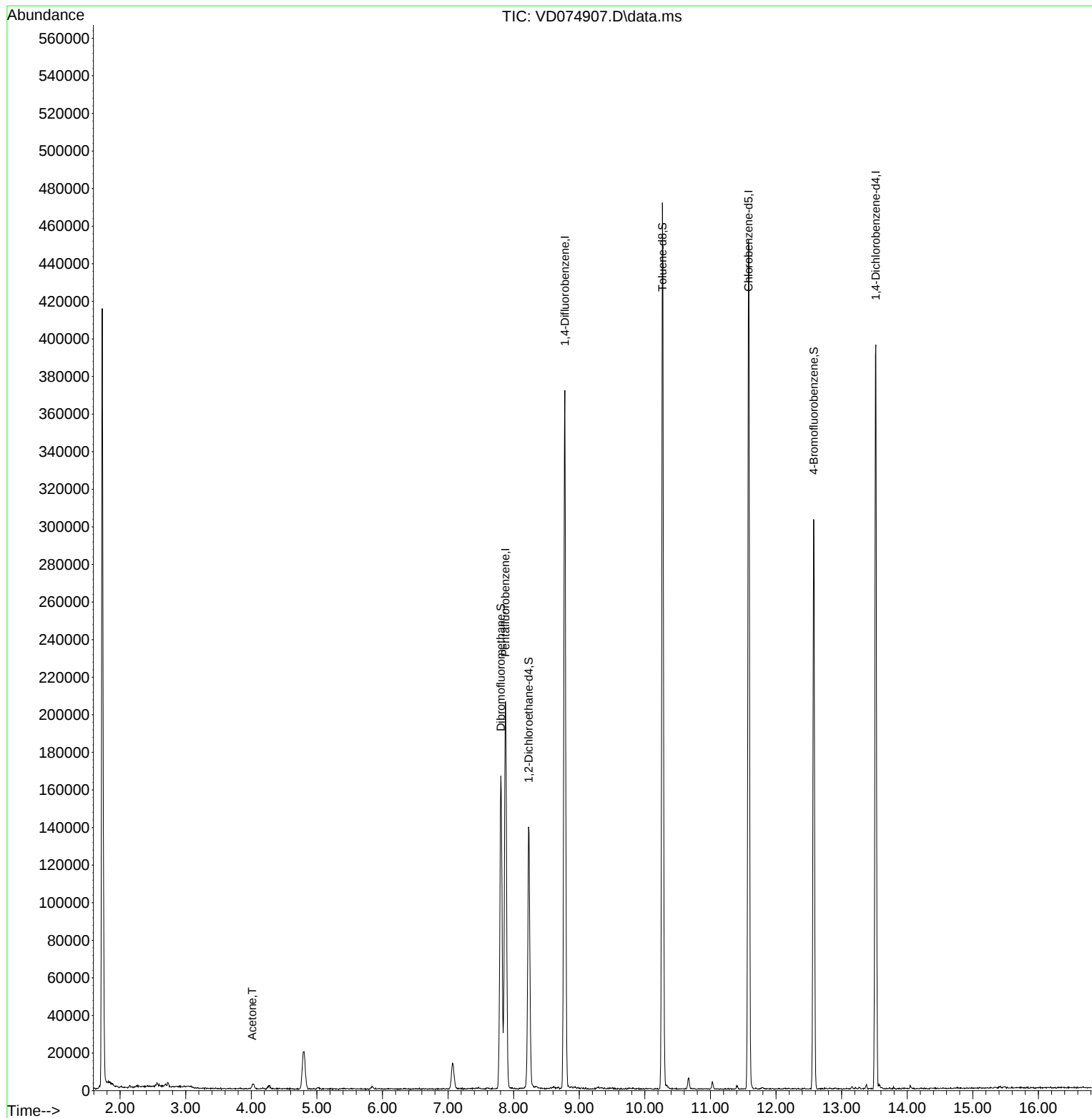
Internal Standards						
1) Pentafluorobenzene	7.875	168	172342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	350547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	287711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105773	98.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 196.120%#	
35) Dibromofluoromethane	7.805	113	124185	57.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.940%	
50) Toluene-d8	10.269	98	336622	47.291	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.580%	
62) 4-Bromofluorobenzene	12.575	95	94957	43.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.880%	
Target Compounds						
16) Acetone	4.016	43	4548	15.986	ug/l	Qvalue 96

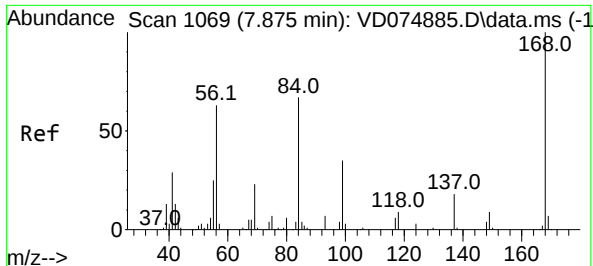
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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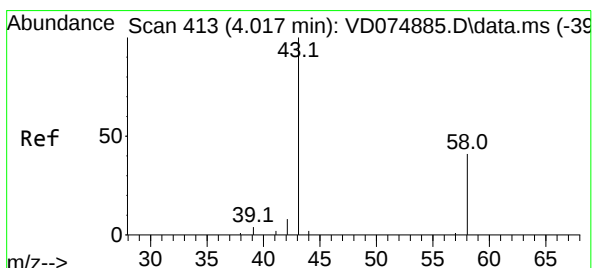
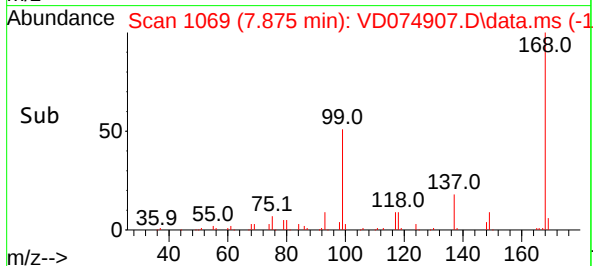
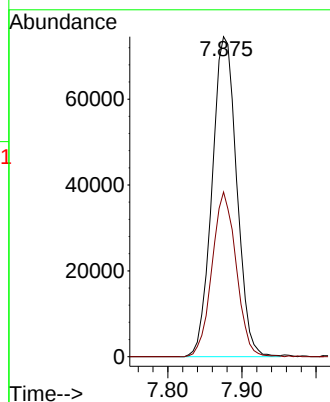
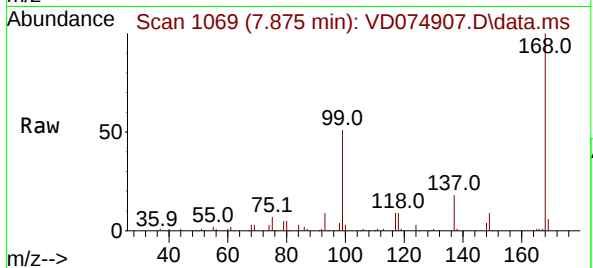




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074907.D
Acq: 12 Nov 2022 00:54

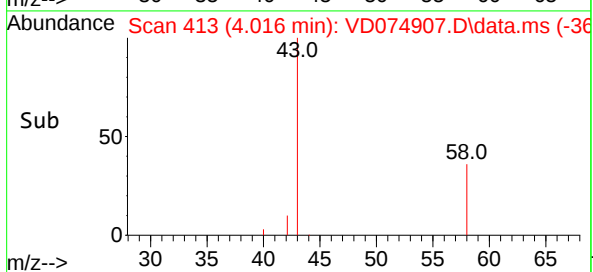
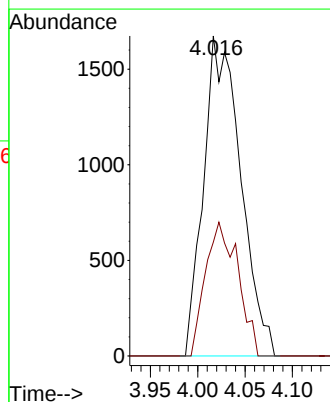
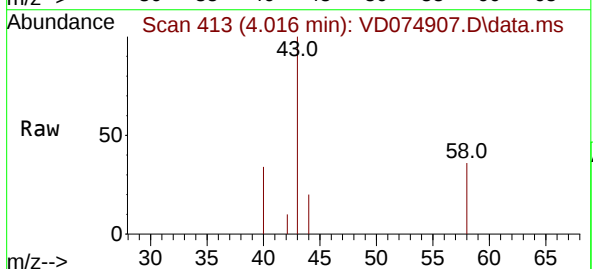
Instrument :
MSVOA_D
ClientSampleId :
TP-13

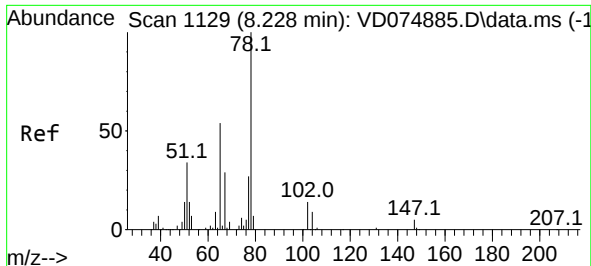
Tgt Ion:168 Resp: 172342
Ion Ratio Lower Upper
168 100
99 51.4 40.9 61.3



#16
Acetone
Concen: 15.986 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD074907.D
Acq: 12 Nov 2022 00:54

Tgt Ion: 43 Resp: 4548
Ion Ratio Lower Upper
43 100
58 35.5 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 98.061 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074907.D

Acq: 12 Nov 2022 00:54

Instrument :

MSVOA_D

ClientSampleId :

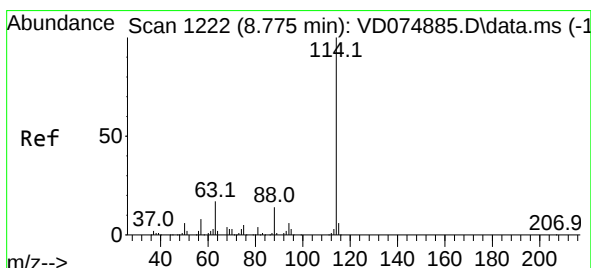
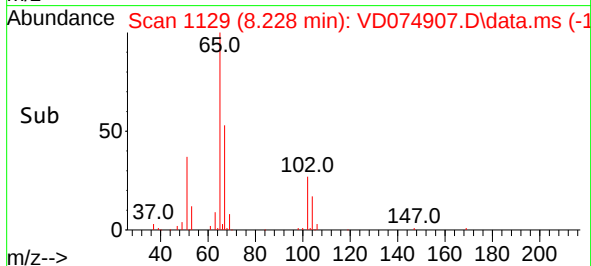
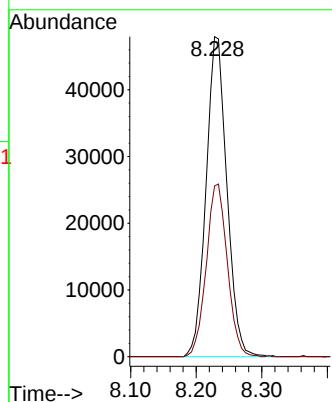
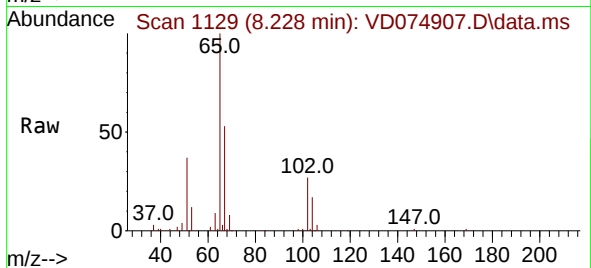
TP-13

Tgt Ion: 65 Resp: 105773

Ion Ratio Lower Upper

65 100

67 54.6 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: VD074907.D

Acq: 12 Nov 2022 00:54

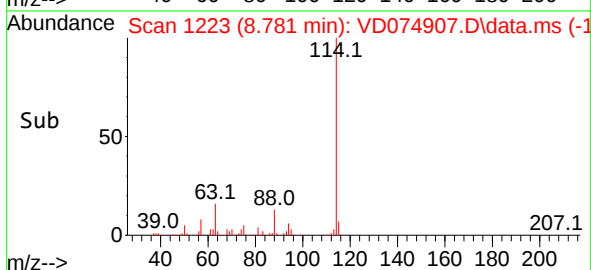
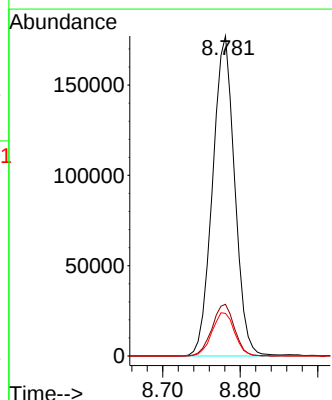
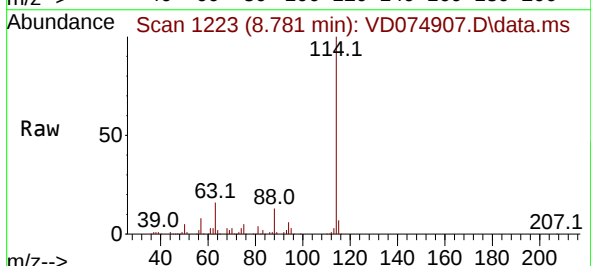
Tgt Ion: 114 Resp: 350547

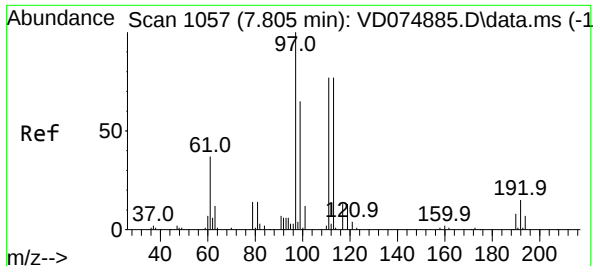
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 13.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 57.470 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074907.D

Acq: 12 Nov 2022 00:54

Instrument :

MSVOA_D

ClientSampleId :

TP-13

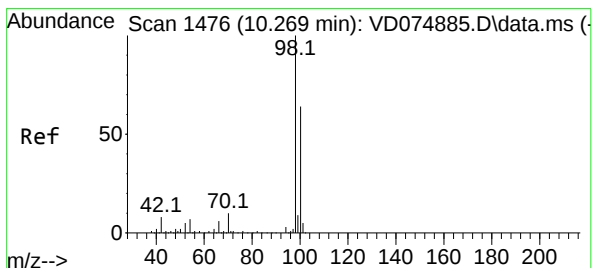
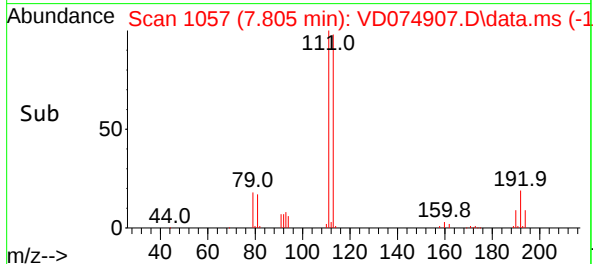
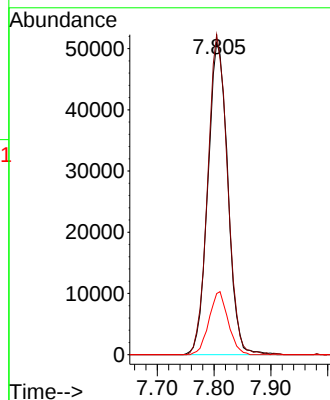
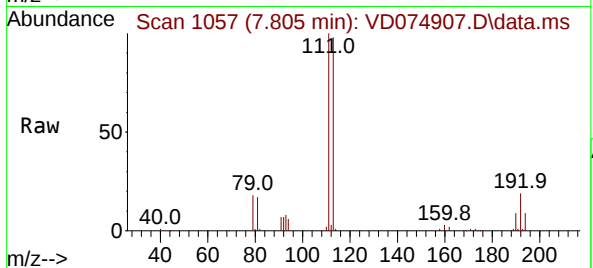
Tgt Ion:113 Resp: 124185

Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 19.4 16.4 24.6



#50

Toluene-d8

Concen: 47.291 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074907.D

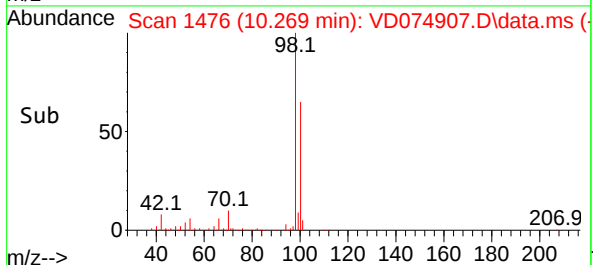
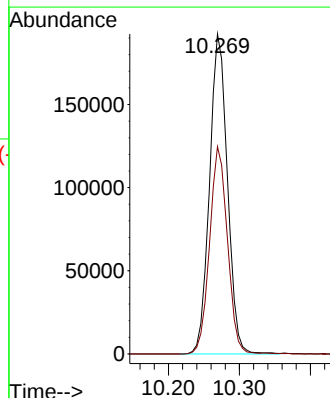
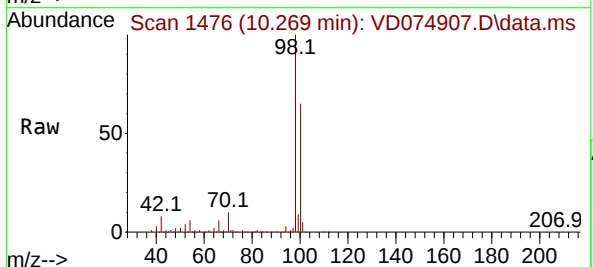
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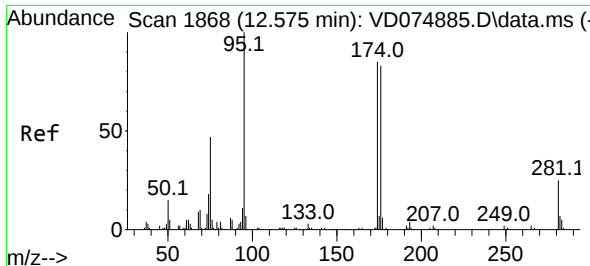
Tgt Ion: 98 Resp: 336622

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

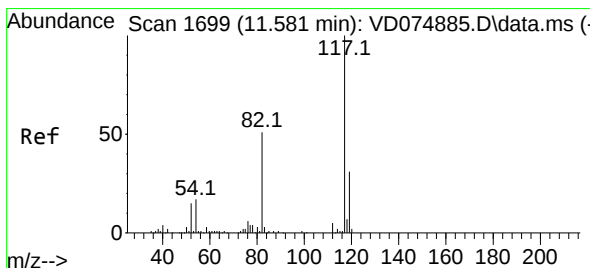
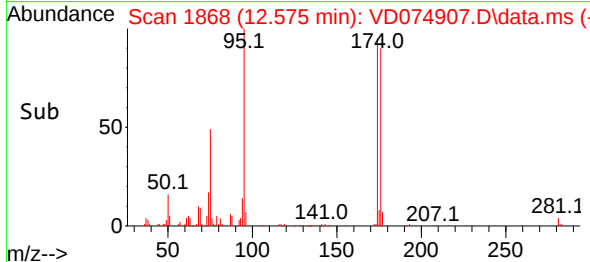
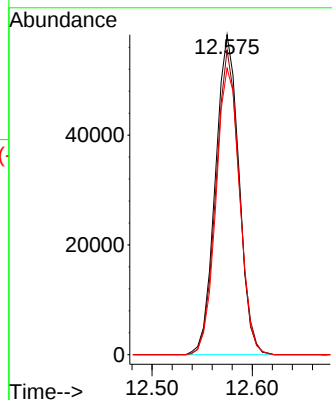
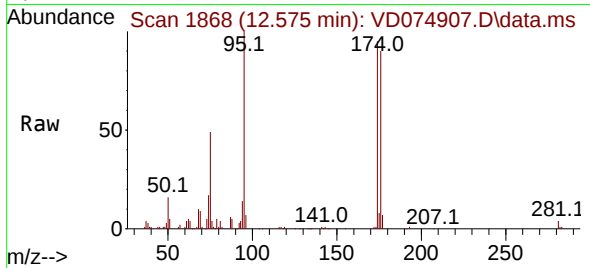




#62
4-Bromofluorobenzene
Concen: 43.444 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074907.D
Acq: 12 Nov 2022 00:54

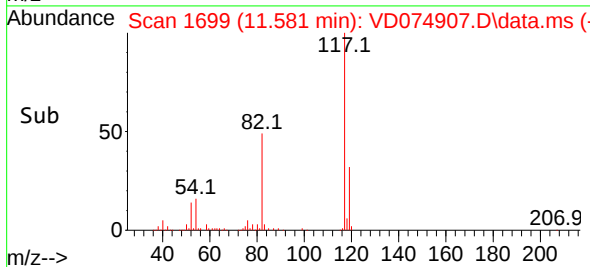
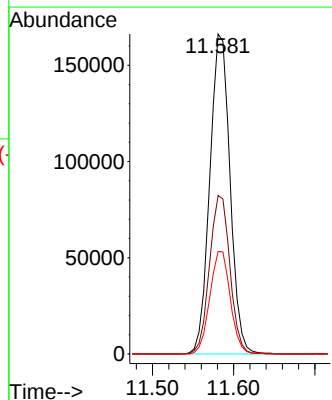
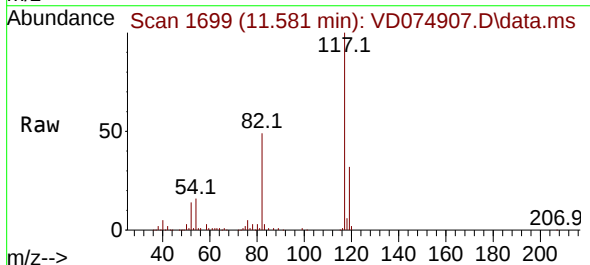
Instrument :
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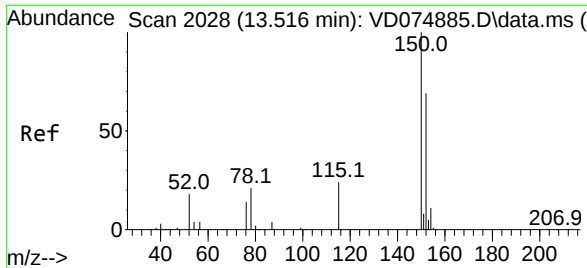
Tgt Ion: 95 Resp: 94957
Ion Ratio Lower Upper
95 100
174 94.1 0.0 197.0
176 90.0 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074907.D
Acq: 12 Nov 2022 00:54

Tgt Ion: 117 Resp: 287711
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 32.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074907.D

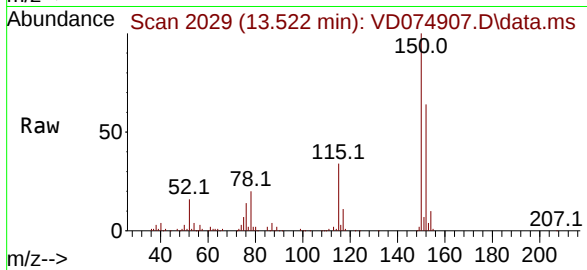
Acq: 12 Nov 2022 00:54

Instrument :

MSVOA_D

ClientSampleId :

TP-13



Tgt Ion:152 Resp: 116414

Ion Ratio Lower Upper

152 100

115 55.0 26.8 80.4

150 155.9 0.0 348.2

