

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076810.D
 Acq On : 26 Jul 2023 17:15
 Operator : KP/SY
 Sample : 03769-05
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P15A

Quant Time: Jul 27 04:24:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

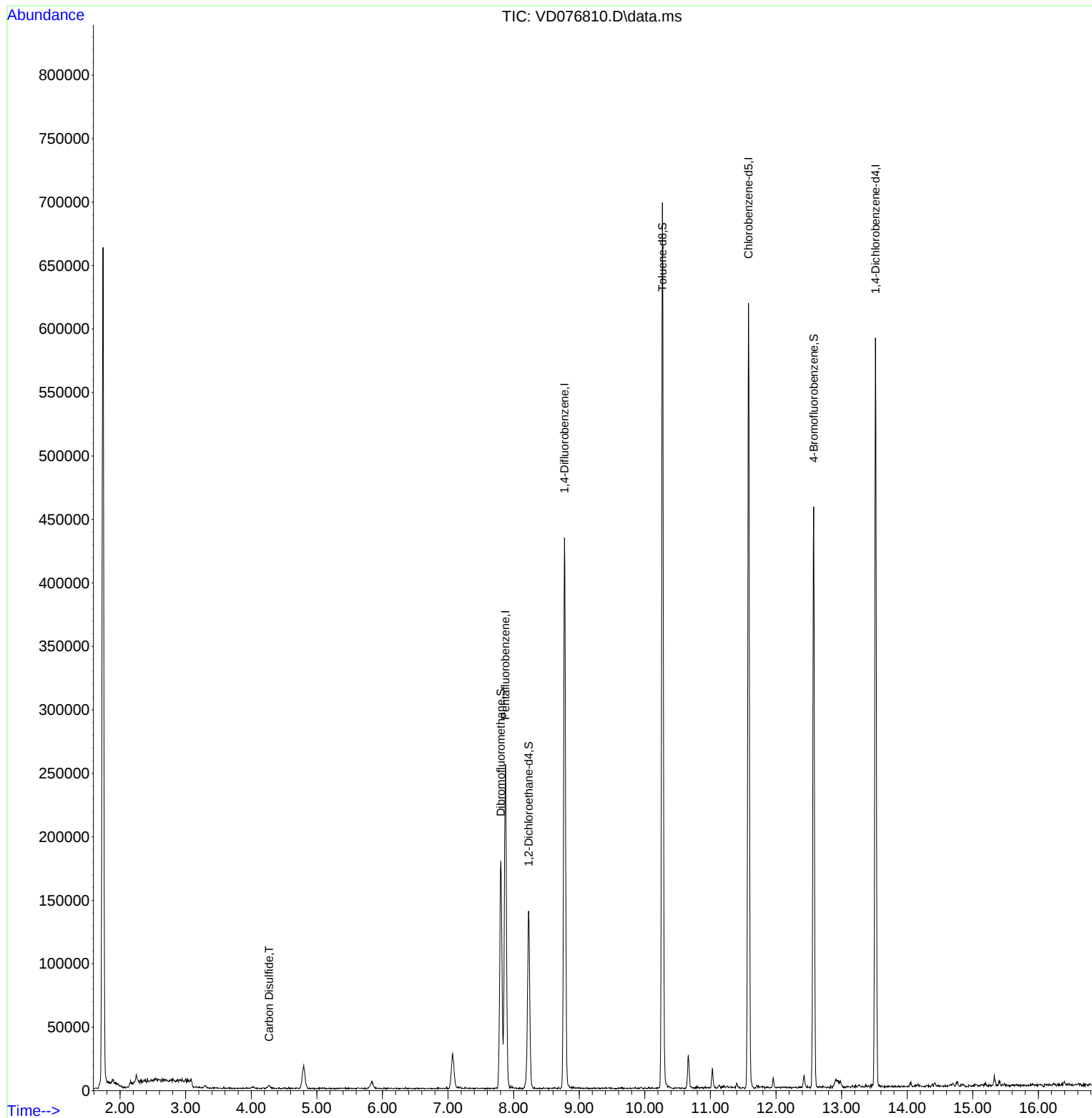
Internal Standards						
1) Pentafluorobenzene	7.875	168	197199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	403328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	368097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	159881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106444	54.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.380%	
35) Dibromofluoromethane	7.805	113	132531	52.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.269	98	489904	54.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.575	95	142123	48.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.900%	
Target Compounds						
17) Carbon Disulfide	4.269	76	4846	1.065	ug/l	# 71

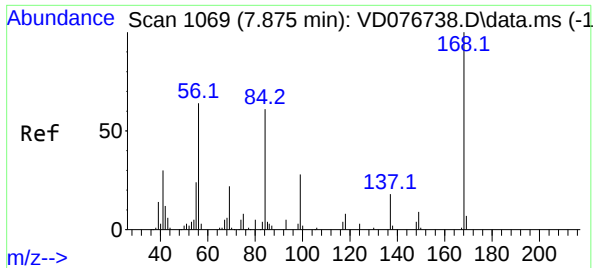
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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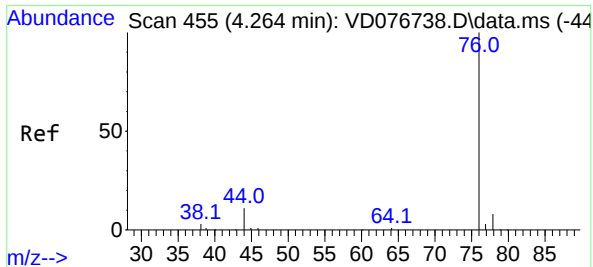
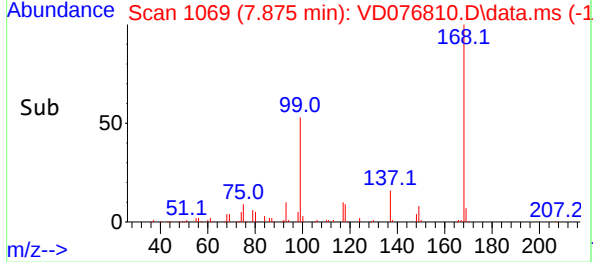
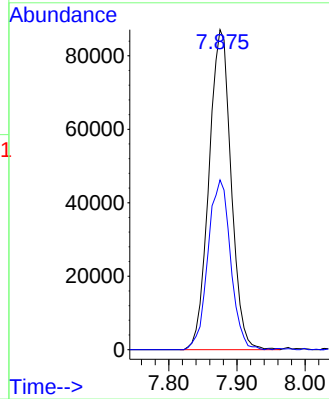
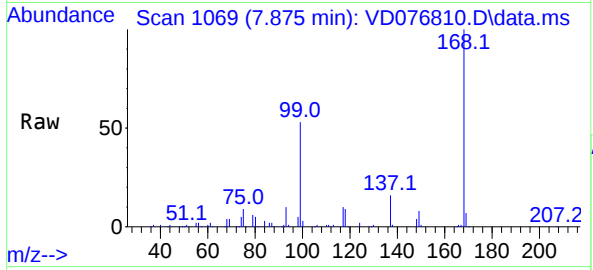




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

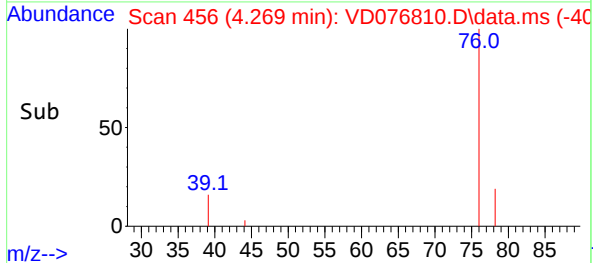
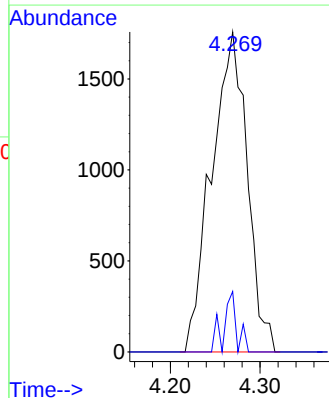
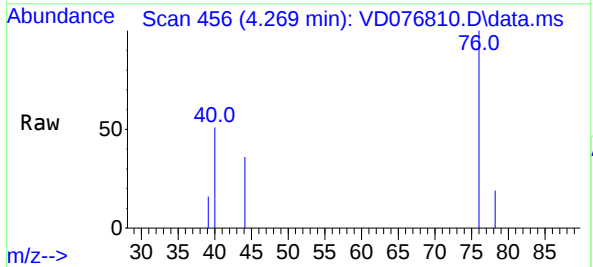
Instrument :
MSVOA_D
ClientSampleId :
B-P15A

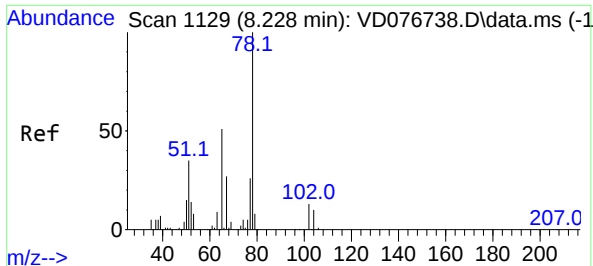
Tgt Ion:168 Resp: 197199
Ion Ratio Lower Upper
168 100
99 53.1 36.7 55.1



#17
Carbon Disulfide
Concen: 1.065 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

Tgt Ion: 76 Resp: 4846
Ion Ratio Lower Upper
76 100
78 18.9 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 54.193 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076810.D

Acq: 26 Jul 2023 17:15

Instrument :

MSVOA_D

ClientSampleId :

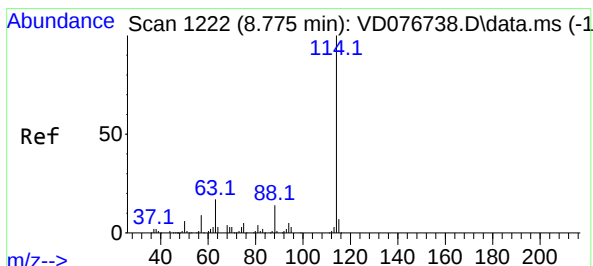
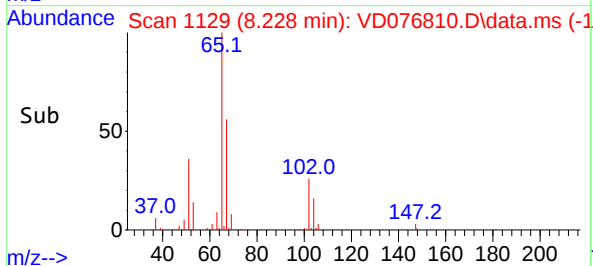
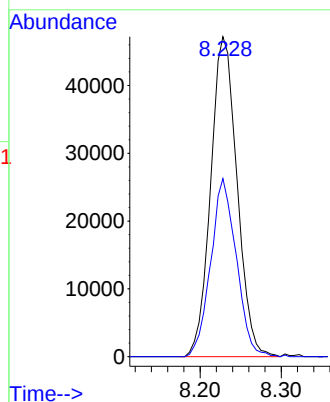
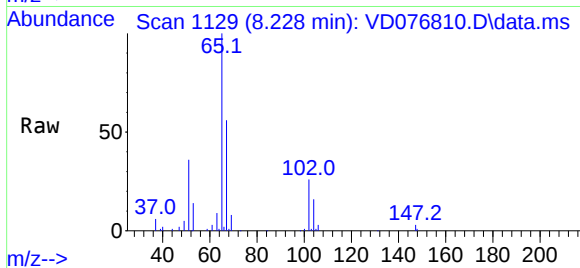
B-P15A

Tgt Ion: 65 Resp: 106444

Ion Ratio Lower Upper

65 100

67 54.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076810.D

Acq: 26 Jul 2023 17:15

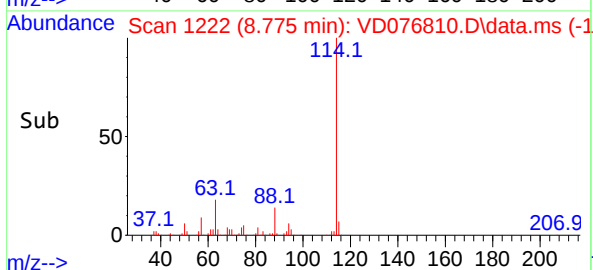
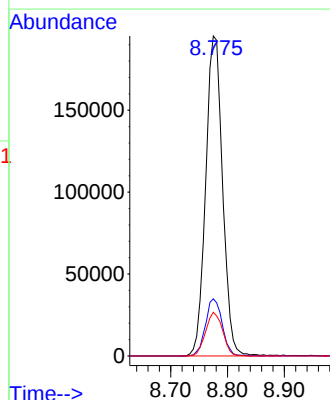
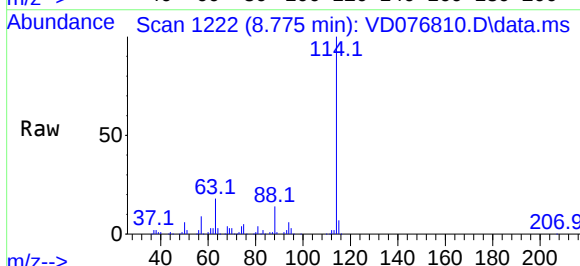
Tgt Ion: 114 Resp: 403328

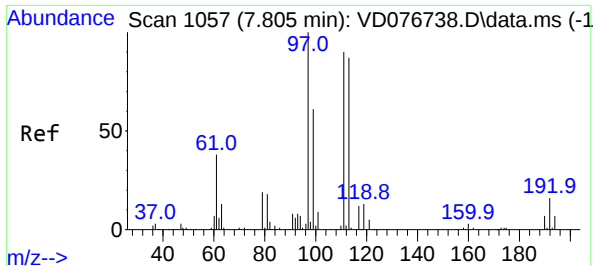
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.7 0.0 26.2

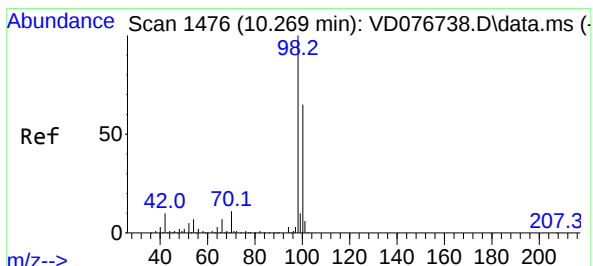
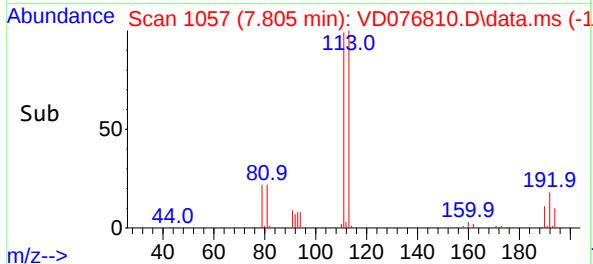
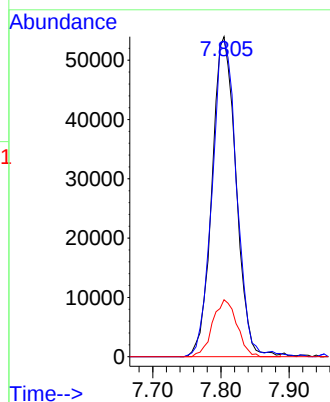
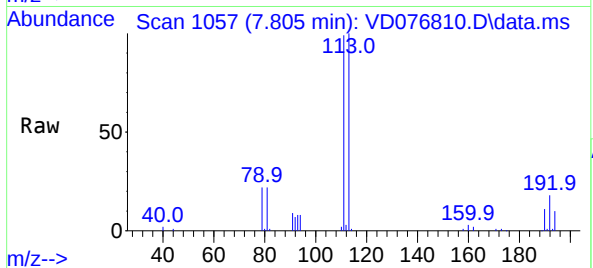




#35
Dibromofluoromethane
Concen: 52.290 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

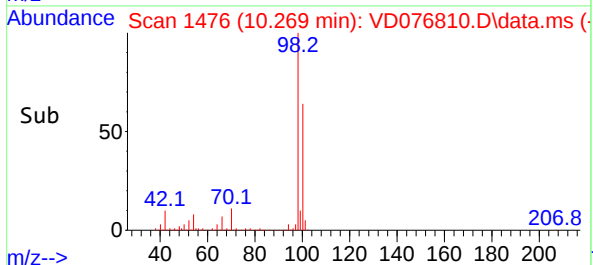
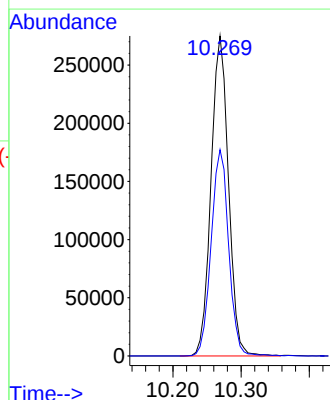
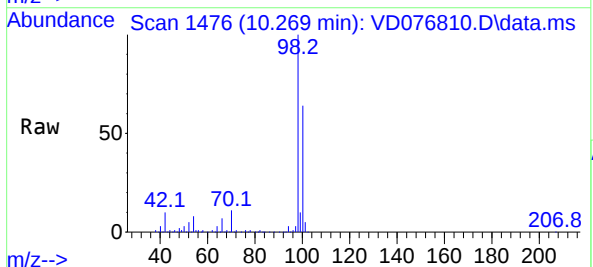
Instrument :
MSVOA_D
ClientSampleId :
B-P15A

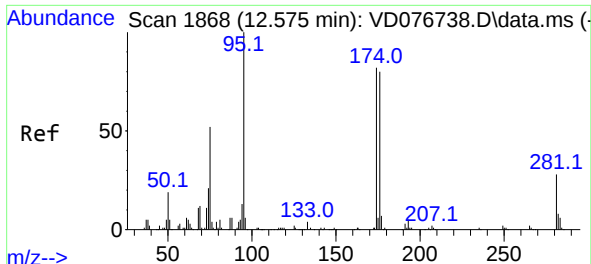
Tgt Ion:113 Resp: 132531
Ion Ratio Lower Upper
113 100
111 100.1 84.7 127.1
192 18.0 16.8 25.2



#50
Toluene-d8
Concen: 54.031 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

Tgt Ion: 98 Resp: 489904
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

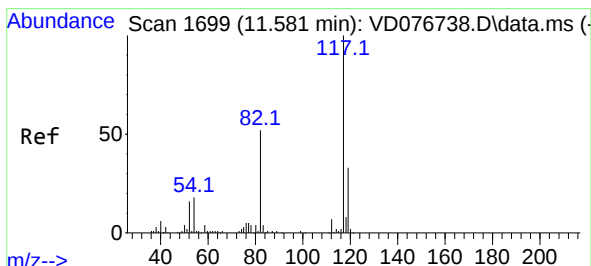
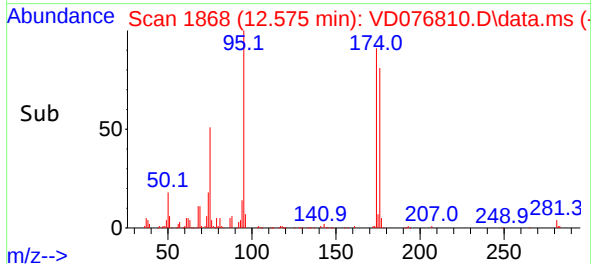
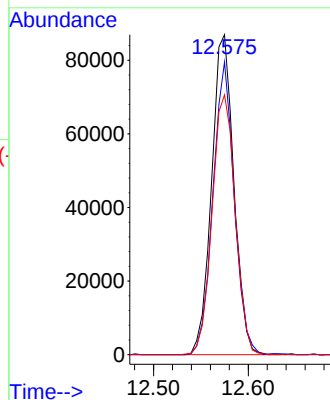
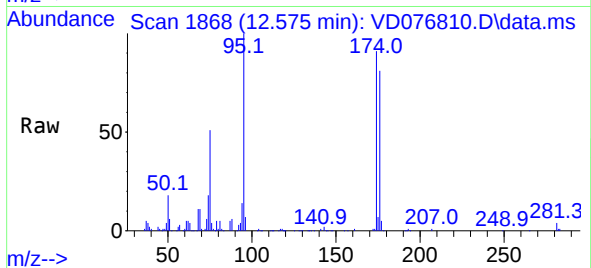




#62
4-Bromofluorobenzene
Concen: 48.453 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

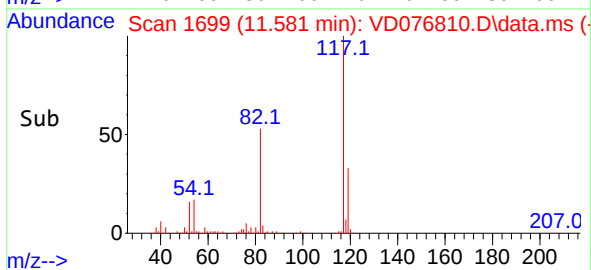
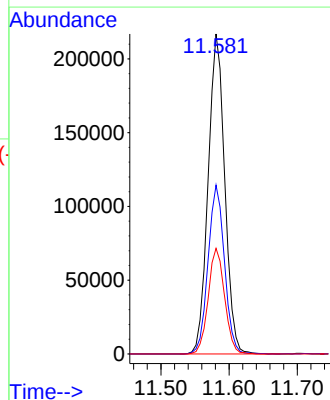
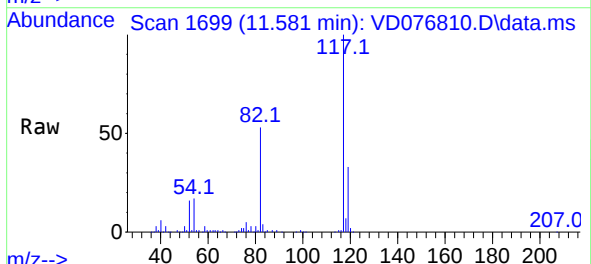
Instrument :
MSVOA_D
ClientSampleId :
B-P15A

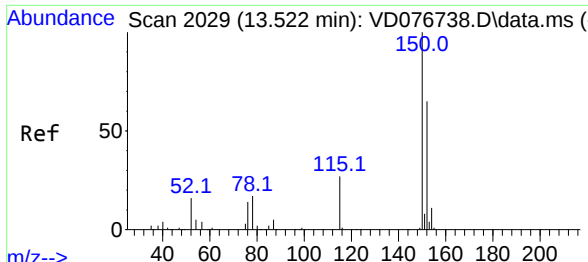
Tgt Ion: 95 Resp: 142123
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 83.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

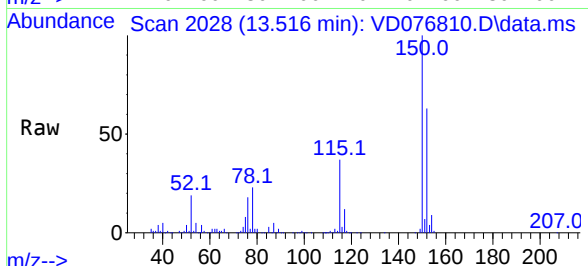
Tgt Ion: 117 Resp: 368097
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 33.0 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076810.D
 Acq: 26 Jul 2023 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P15A



Tgt Ion:152 Resp: 159881

Ion	Ratio	Lower	Upper
152	100		
115	57.8	27.1	81.3
150	155.0	0.0	353.6

