

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076474.D
 Acq On : 19 Jun 2023 17:13
 Operator : KP/SY
 Sample : 03289-04
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Jun 20 05:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

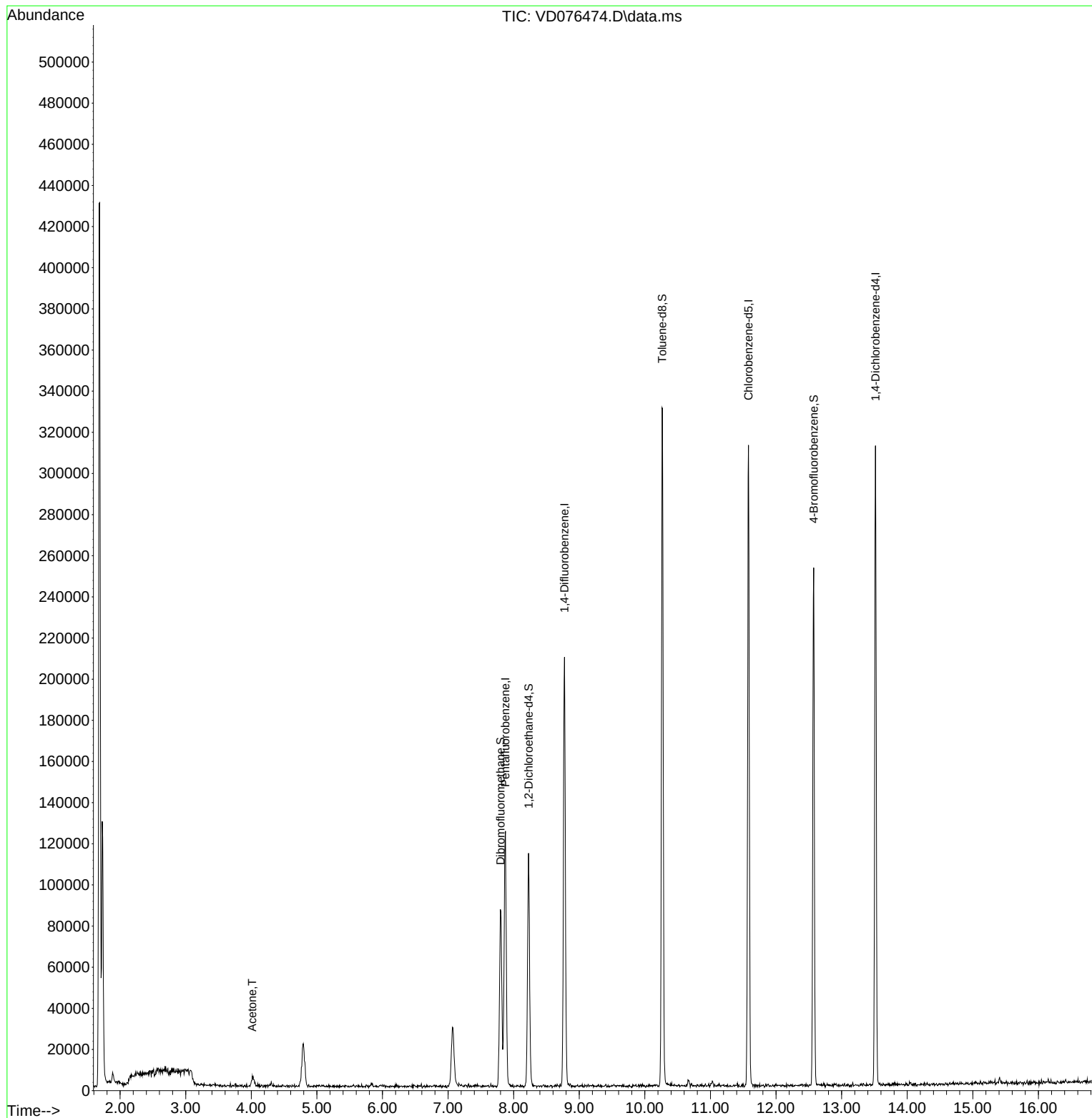
Internal Standards						
1) Pentafluorobenzene	7.875	168	100410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	180705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79352	78.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.760%	
35) Dibromofluoromethane	7.799	113	63073	58.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.500%	
50) Toluene-d8	10.263	98	227904	55.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.960%	
62) 4-Bromofluorobenzene	12.575	95	75759	57.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.680%	
Target Compounds						Qvalue
16) Acetone	4.016	43	8192	34.220	ug/l	99

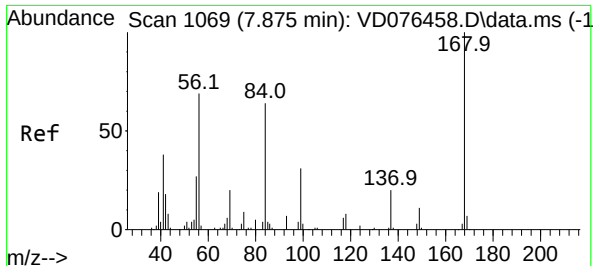
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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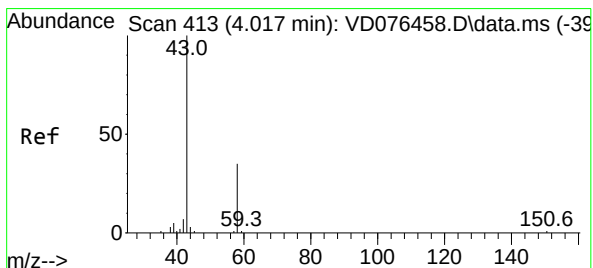
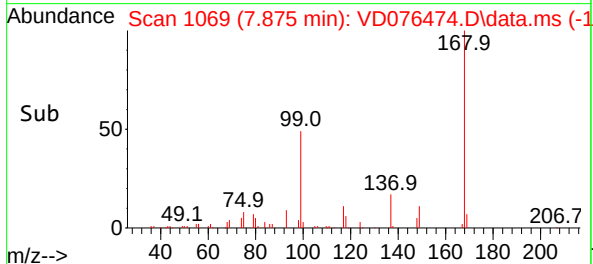
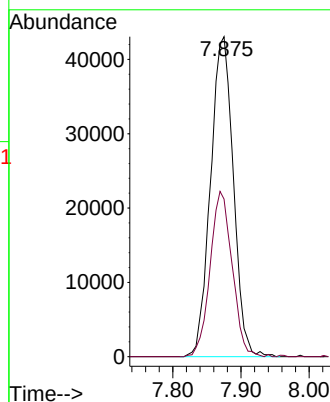
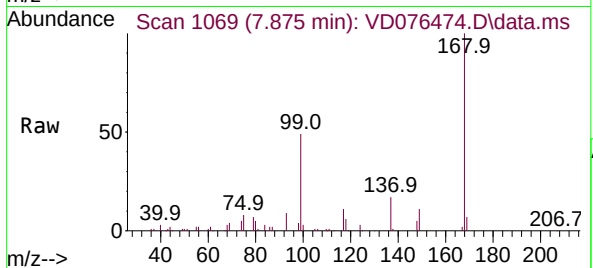




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

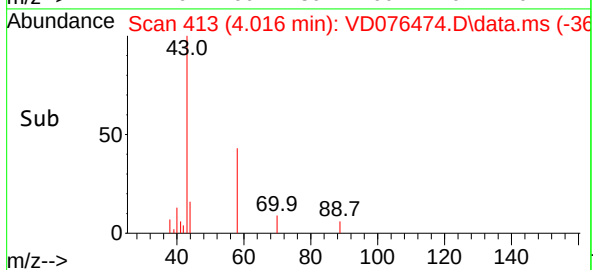
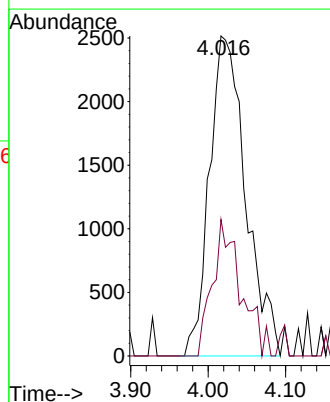
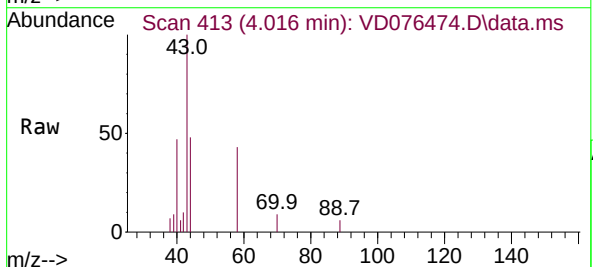
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

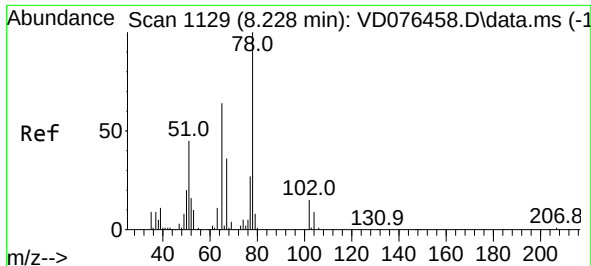
Tgt Ion:168 Resp: 100410
Ion Ratio Lower Upper
168 100
99 49.3 36.7 55.1



#16
Acetone
Concen: 34.220 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Tgt Ion: 43 Resp: 8192
Ion Ratio Lower Upper
43 100
58 42.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 78.877 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076474.D

Acq: 19 Jun 2023 17:13

Instrument :

MSVOA_D

ClientSampleId :

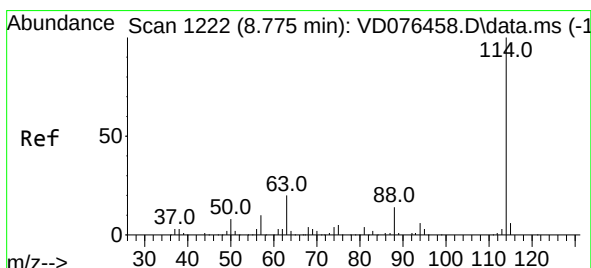
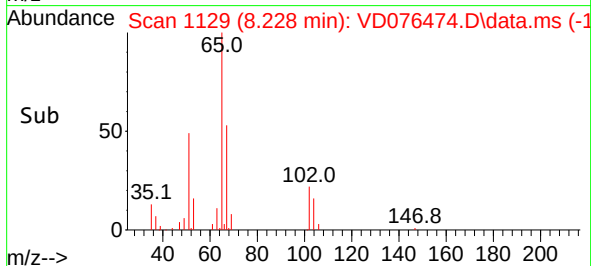
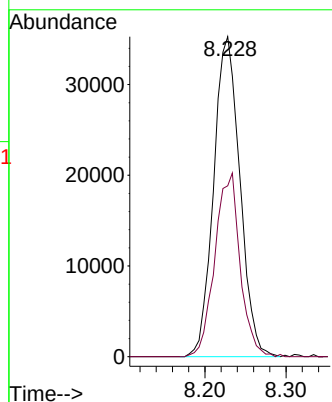
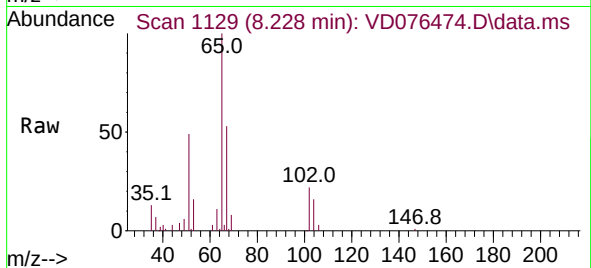
SB-02-0-2.0

Tgt Ion: 65 Resp: 79352

Ion Ratio Lower Upper

65 100

67 55.1 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: VD076474.D

Acq: 19 Jun 2023 17:13

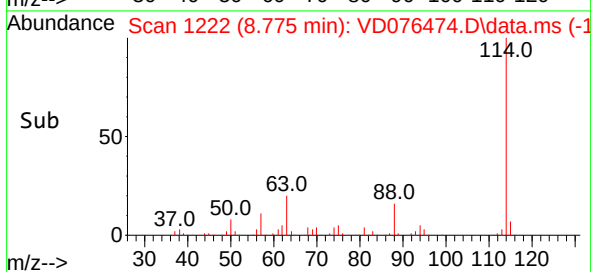
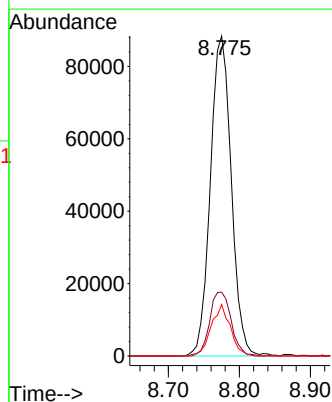
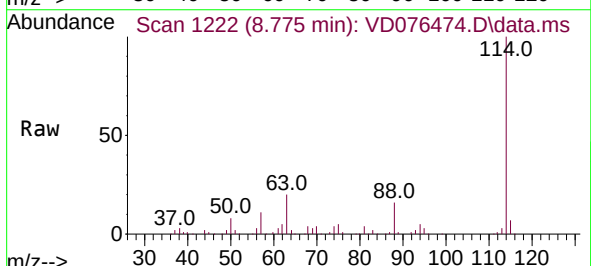
Tgt Ion: 114 Resp: 180705

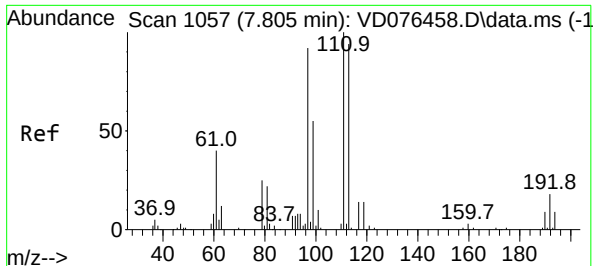
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

88 16.1 0.0 26.2



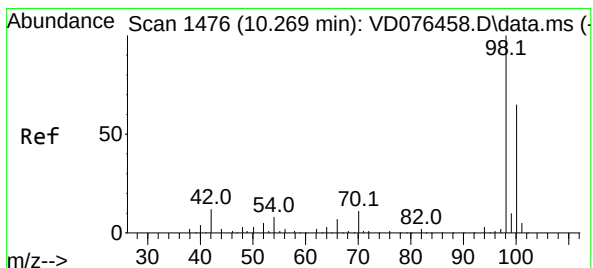
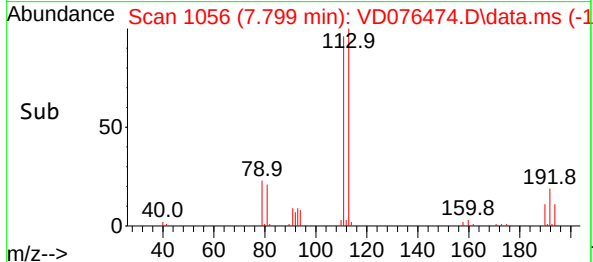
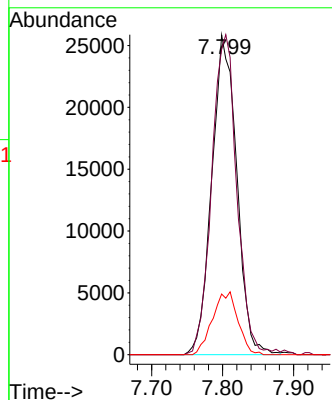
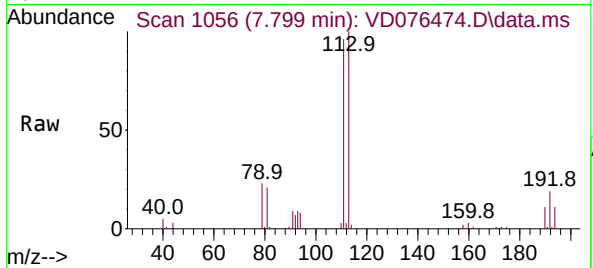


#35
Dibromofluoromethane
Concen: 58.754 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

Tgt Ion:113 Resp: 63073

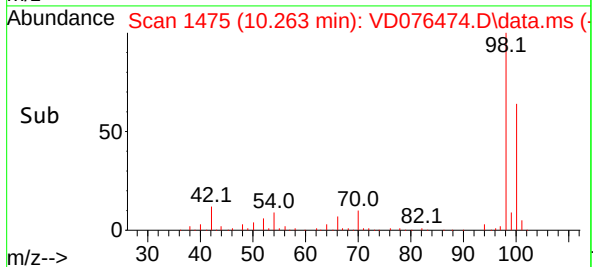
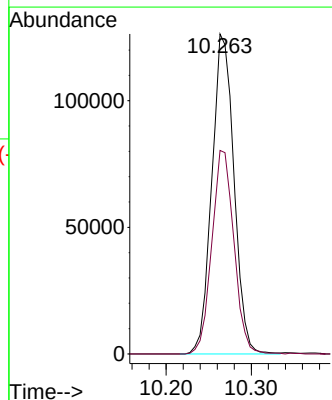
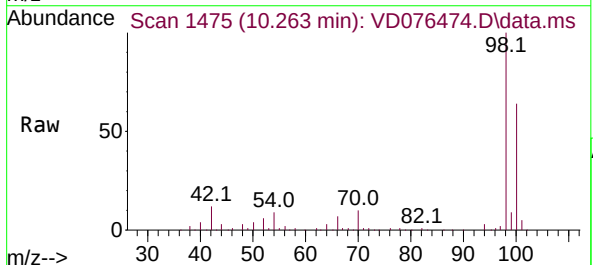
Ion	Ratio	Lower	Upper
113	100		
111	101.2	84.7	127.1
192	20.0	16.8	25.2

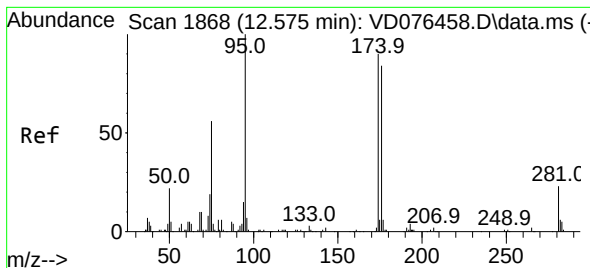


#50
Toluene-d8
Concen: 55.979 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Tgt Ion: 98 Resp: 227904

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.3	75.5

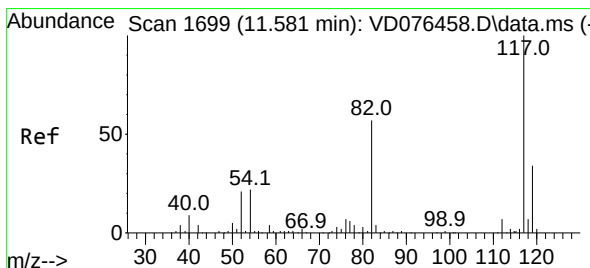
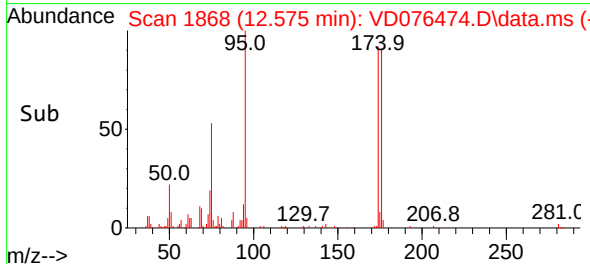
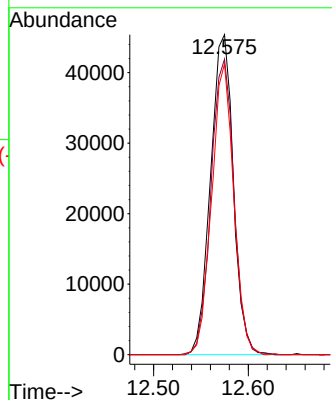
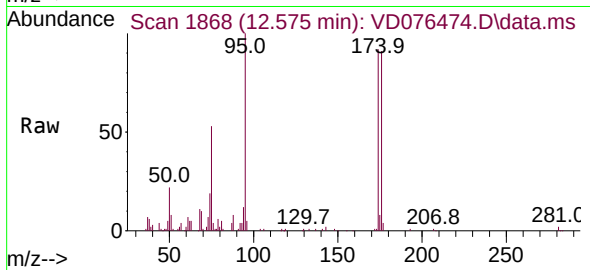




#62
4-Bromofluorobenzene
Concen: 57.337 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

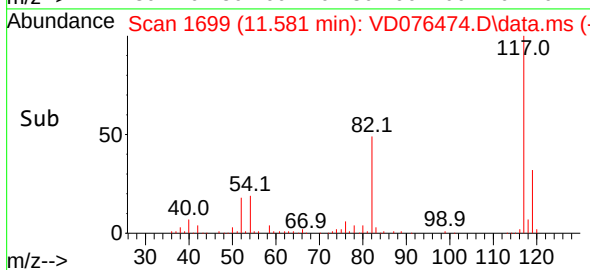
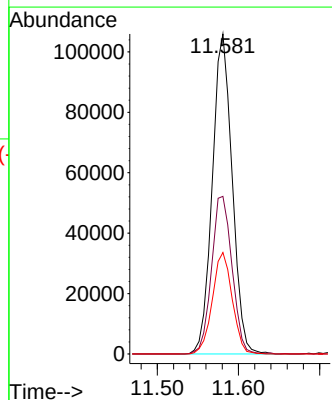
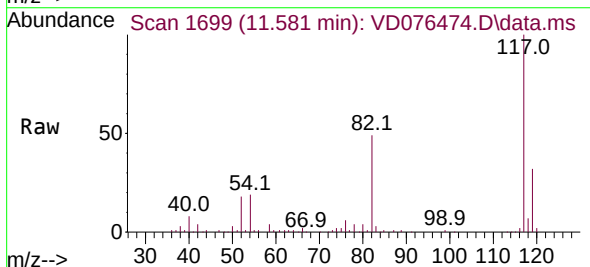
Instrument :
MSVOA_D
ClientSampleId :
SB-02-0-2.0

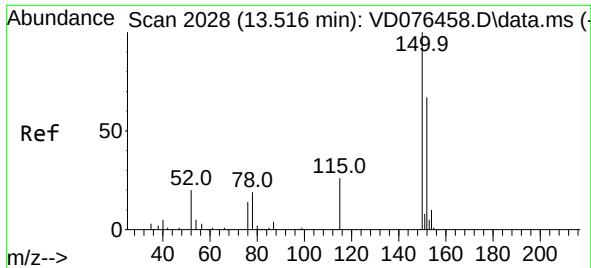
Tgt Ion: 95 Resp: 75759
Ion Ratio Lower Upper
95 100
174 92.7 0.0 201.8
176 88.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076474.D
Acq: 19 Jun 2023 17:13

Tgt Ion: 117 Resp: 180230
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 31.7 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076474.D
 Acq: 19 Jun 2023 17:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-0-2.0

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.1	81.3
150	157.2	0.0	353.6

