

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076561.D
 Acq On : 23 Jun 2023 16:33
 Operator : KP/SY
 Sample : 03365-24RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Jun 24 00:55:29 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)

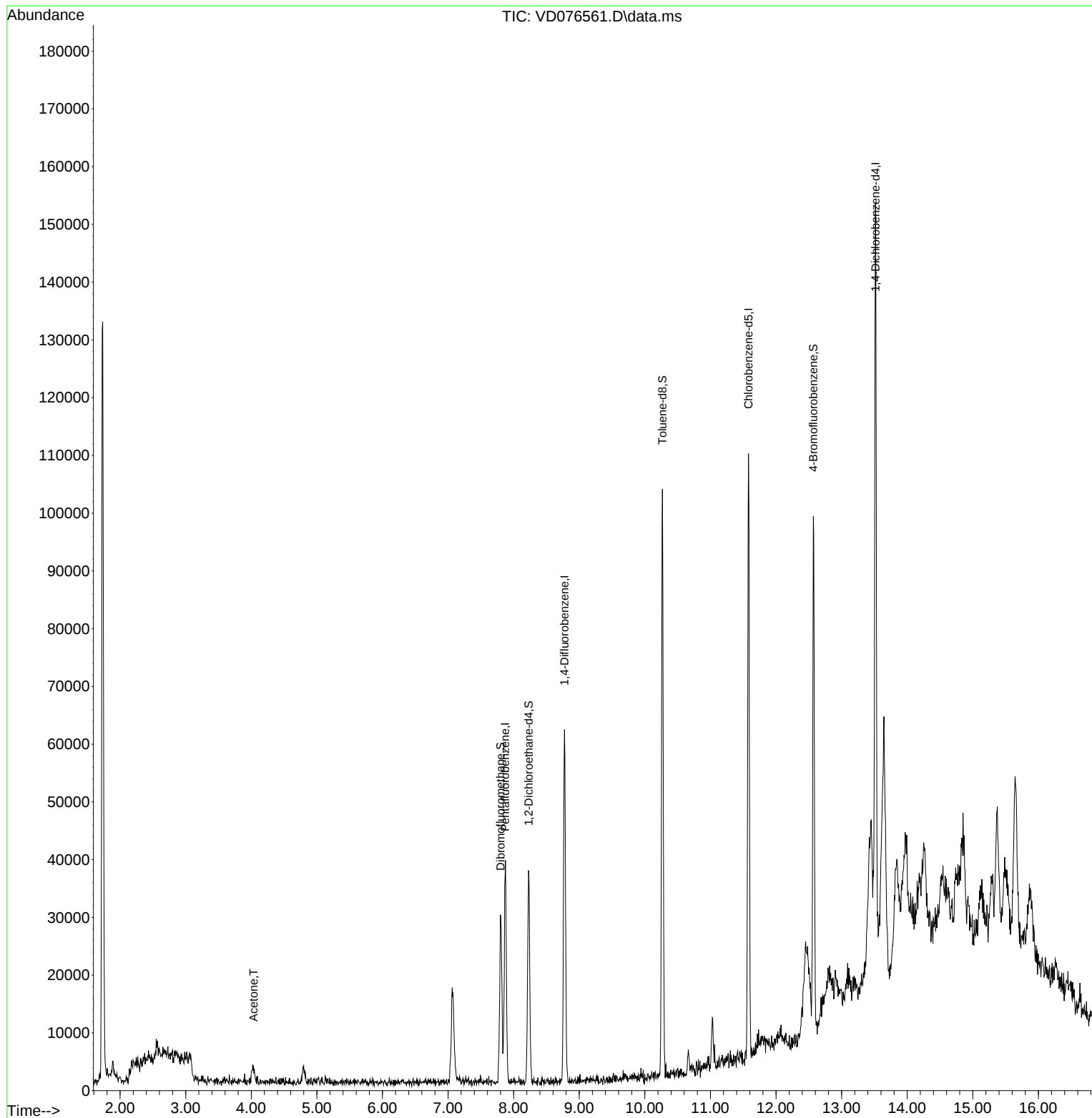
Internal Standards						
1) Pentafluorobenzene	7.869	168	27475	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	54230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	57898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	31920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	26221	95.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	190.500%#
35) Dibromofluoromethane	7.798	113	20365	63.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.420%
50) Toluene-d8	10.269	98	66237	54.213	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.420%
62) 4-Bromofluorobenzene	12.569	95	25316	63.845	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	127.680%
Target Compounds						
16) Acetone	4.034	43	5084	77.612	ug/l	# 71

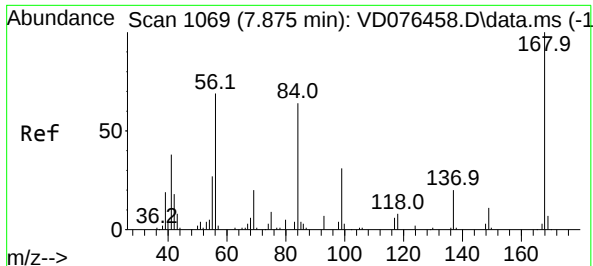
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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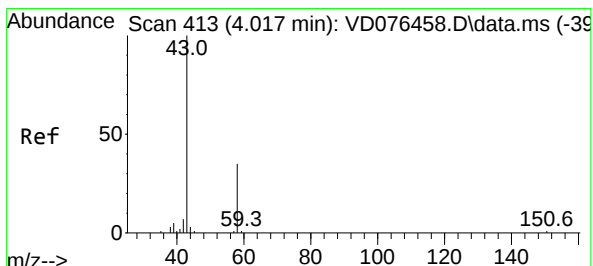
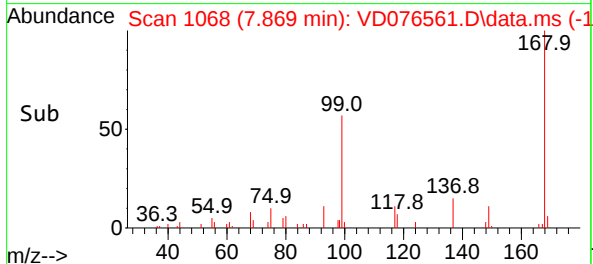
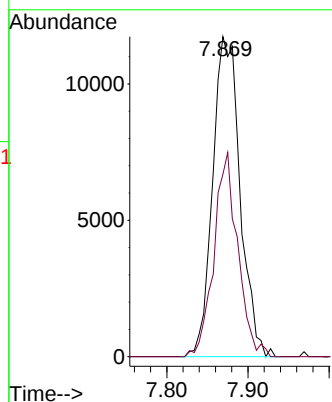
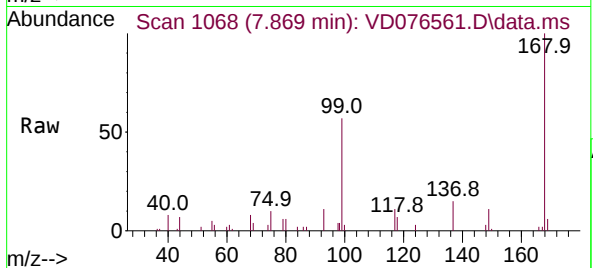




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076561.D
Acq: 23 Jun 2023 16:33

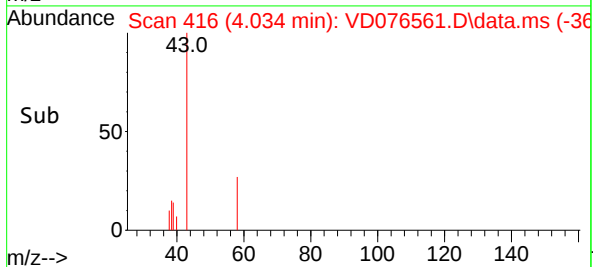
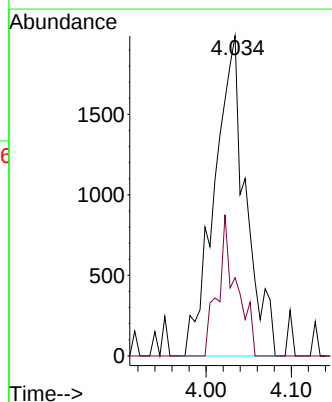
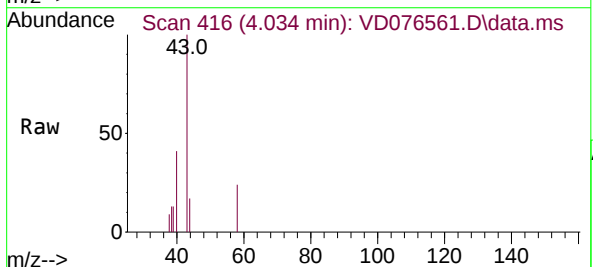
Instrument :
MSVOA_D
ClientSampleId :
TP1

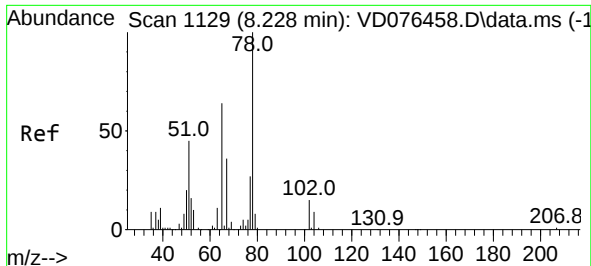
Tgt Ion:168 Resp: 27475
Ion Ratio Lower Upper
168 100
99 57.0 36.7 55.1#



#16
Acetone
Concen: 77.612 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD076561.D
Acq: 23 Jun 2023 16:33

Tgt Ion: 43 Resp: 5084
Ion Ratio Lower Upper
43 100
58 24.5 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 95.253 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076561.D

Acq: 23 Jun 2023 16:33

Instrument :

MSVOA_D

ClientSampleId :

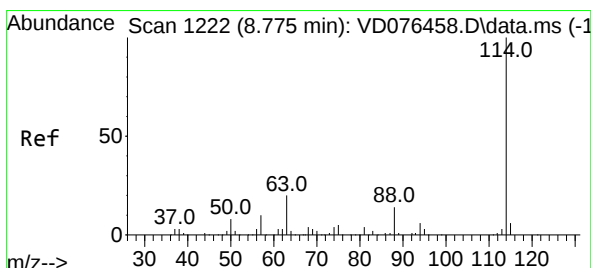
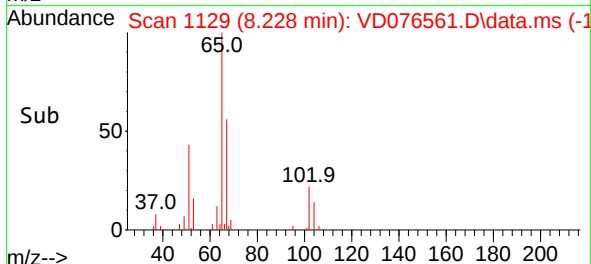
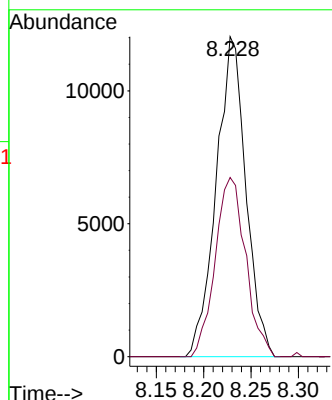
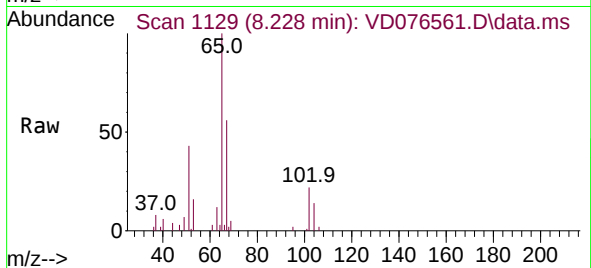
TP1

Tgt Ion: 65 Resp: 26221

Ion Ratio Lower Upper

65 100

67 57.5 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: VD076561.D

Acq: 23 Jun 2023 16:33

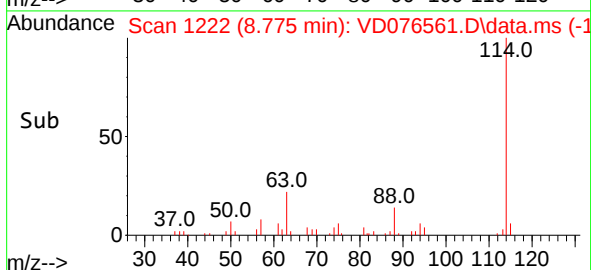
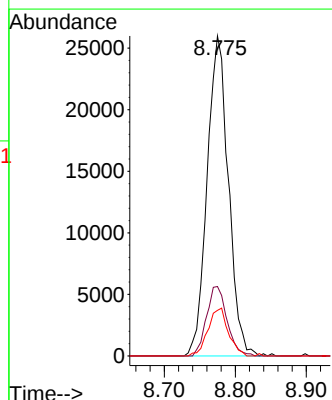
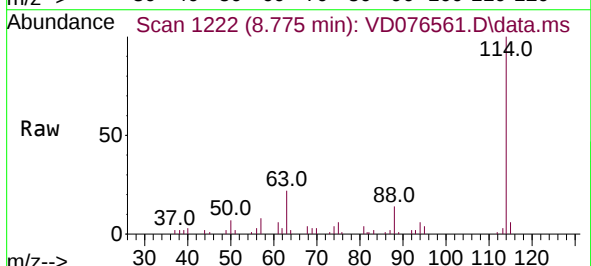
Tgt Ion: 114 Resp: 54230

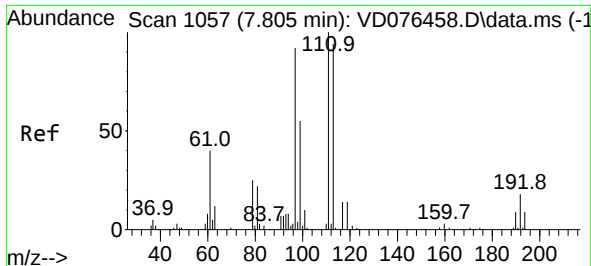
Ion Ratio Lower Upper

114 100

63 21.7 0.0 33.4

88 14.3 0.0 26.2



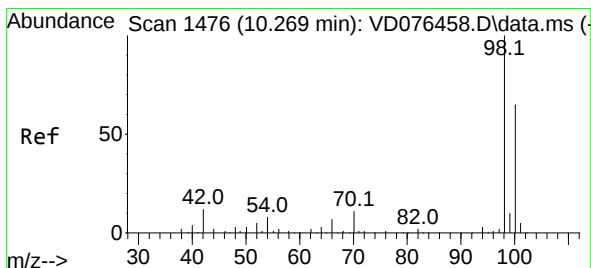
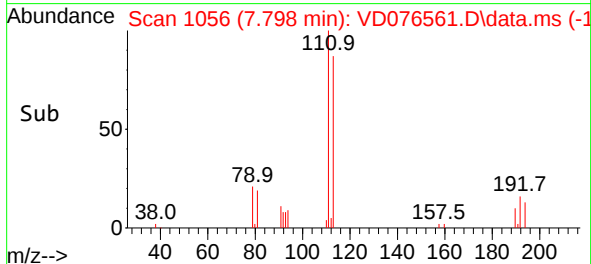
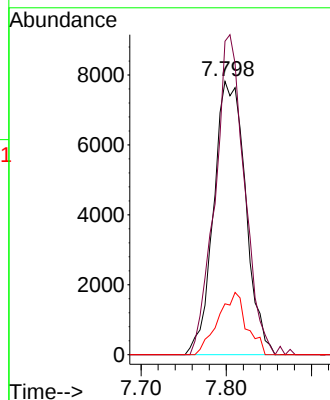
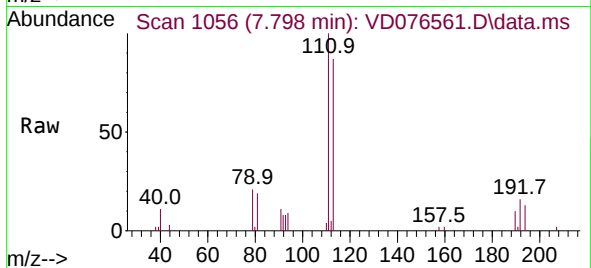


#35
 Dibromofluoromethane
 Concen: 63.213 ug/l
 RT: 7.798 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076561.D
 Acq: 23 Jun 2023 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Tgt Ion: 113 Resp: 20365

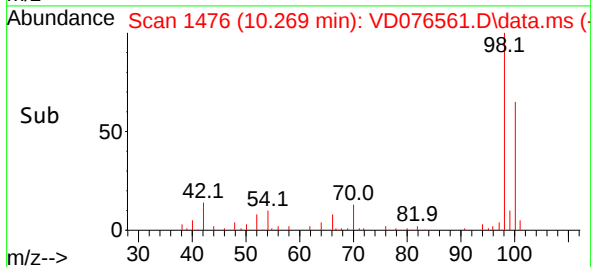
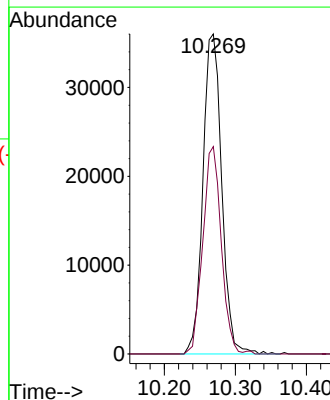
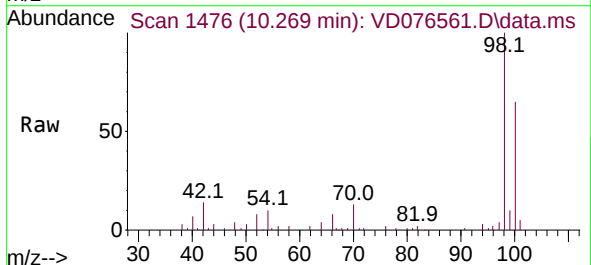
Ion	Ratio	Lower	Upper
113	100		
111	107.4	84.7	127.1
192	20.4	16.8	25.2

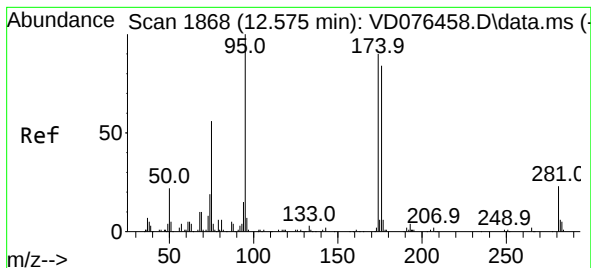


#50
 Toluene-d8
 Concen: 54.213 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD076561.D
 Acq: 23 Jun 2023 16:33

Tgt Ion: 98 Resp: 66237

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.3	75.5

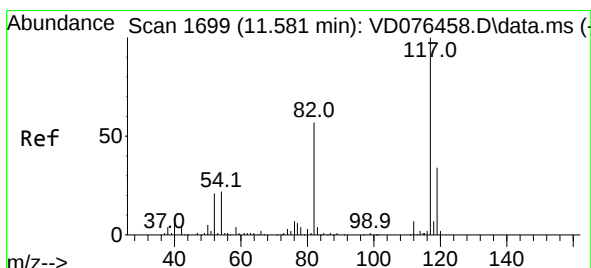
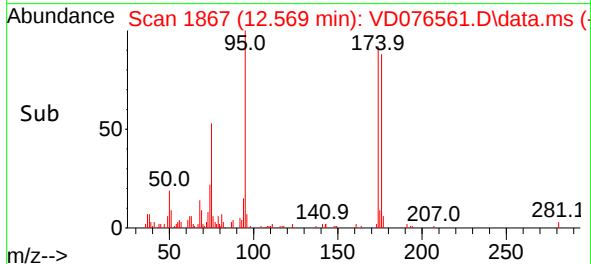
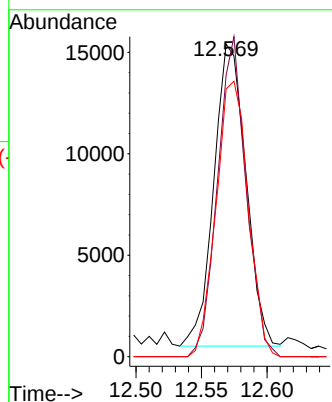
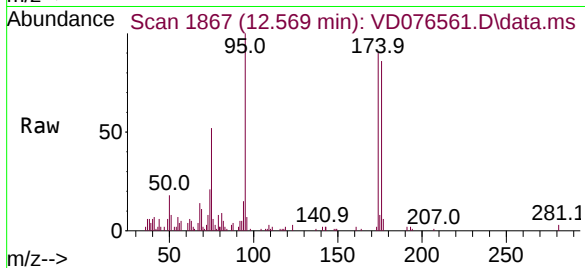




#62
4-Bromofluorobenzene
Concen: 63.845 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076561.D
Acq: 23 Jun 2023 16:33

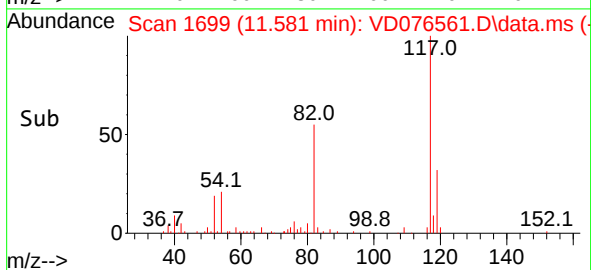
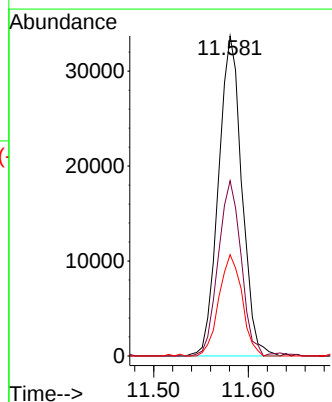
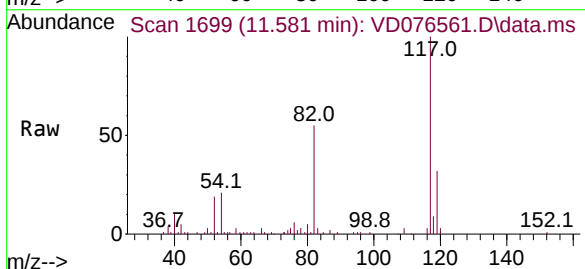
Instrument :
MSVOA_D
ClientSampleId :
TP1

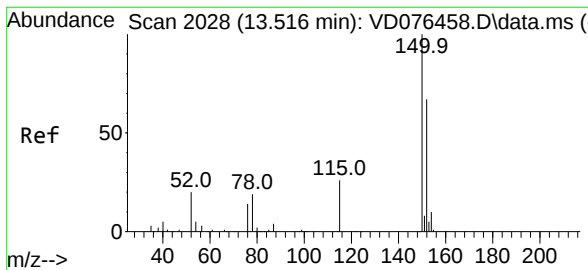
Tgt Ion:	95	Resp:	25316
Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	201.8
176	91.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076561.D
Acq: 23 Jun 2023 16:33

Tgt Ion:	117	Resp:	57898
Ion	Ratio	Lower	Upper
117	100		
82	54.7	38.3	57.5
119	31.6	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: VD076561.D
 Acq: 23 Jun 2023 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Tgt Ion:	152	Resp:	31920
Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.1	81.3
150	154.2	0.0	353.6

