

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076234.D
 Acq On : 25 May 2023 15:40
 Operator : KP/SY
 Sample : 02892-10
 Misc : 6.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32

Quant Time: May 25 17:12:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

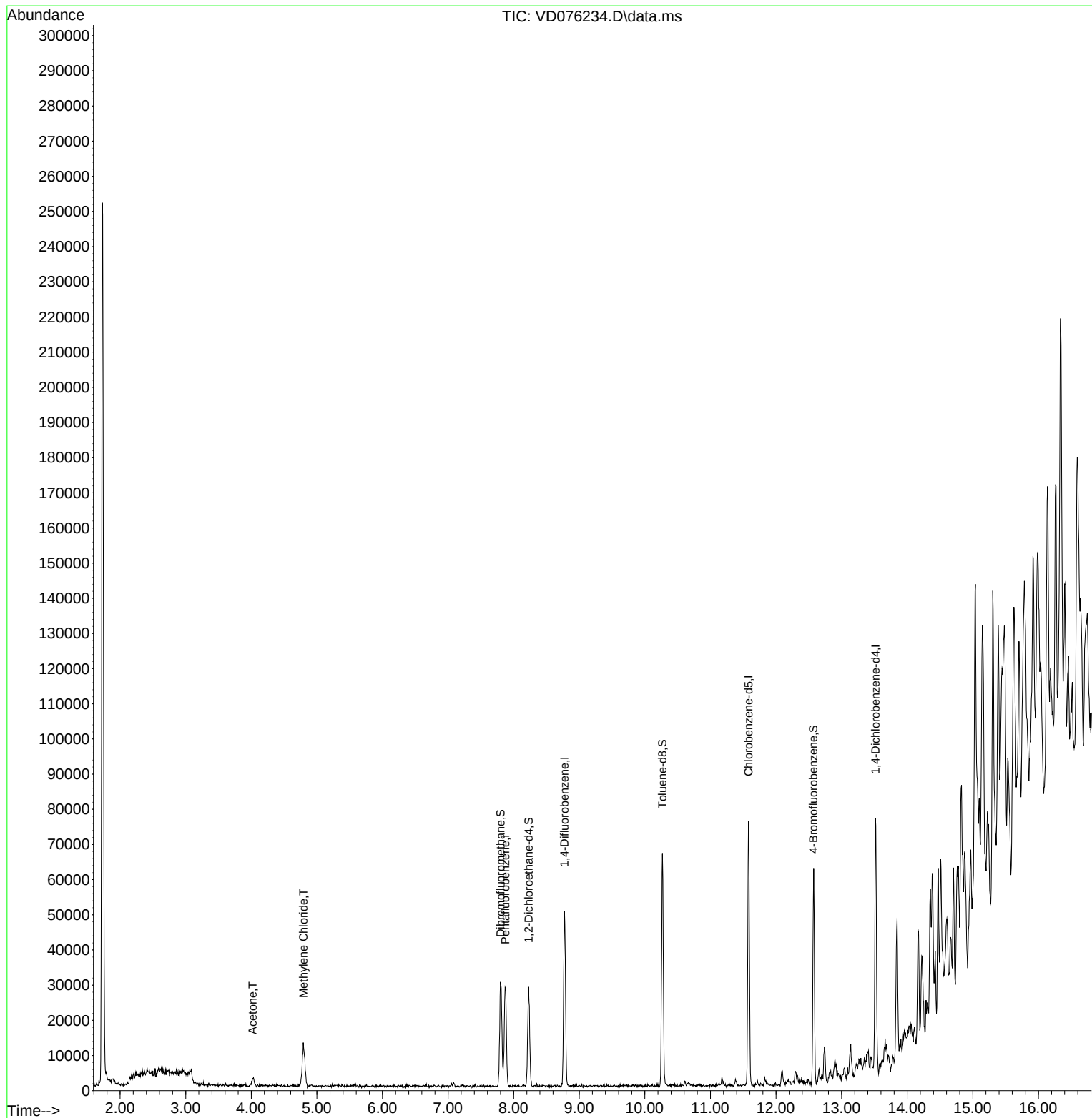
Internal Standards						
1) Pentafluorobenzene	7.875	168	24802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	49275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	48312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	20163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	20646	86.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.260%#	
35) Dibromofluoromethane	7.799	113	22223	65.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.500%	
50) Toluene-d8	10.269	98	49820	37.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 75.040%	
62) 4-Bromofluorobenzene	12.569	95	18880	51.189	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.380%	
Target Compounds						Qvalue
16) Acetone	4.022	43	3244	68.019	ug/l #	78
20) Methylene Chloride	4.793	84	10071	21.117	ug/l #	77

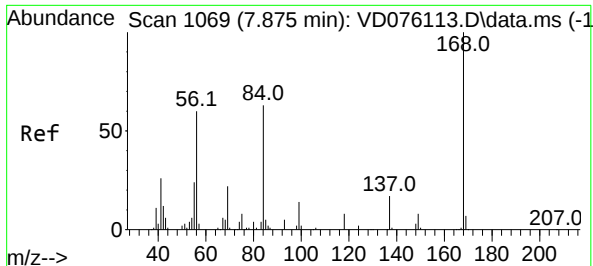
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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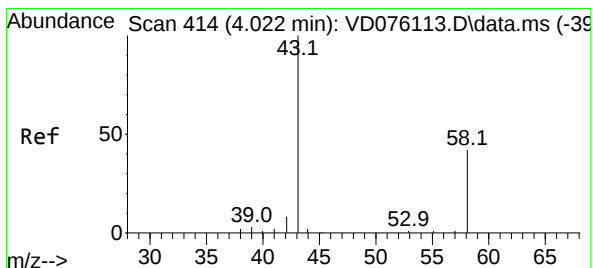
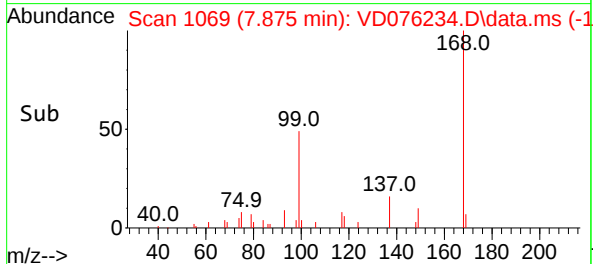
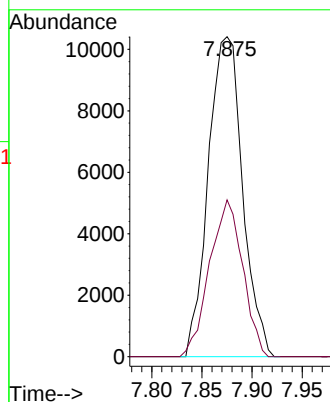
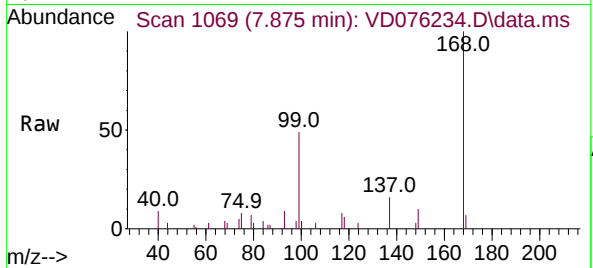




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076234.D
Acq: 25 May 2023 15:40

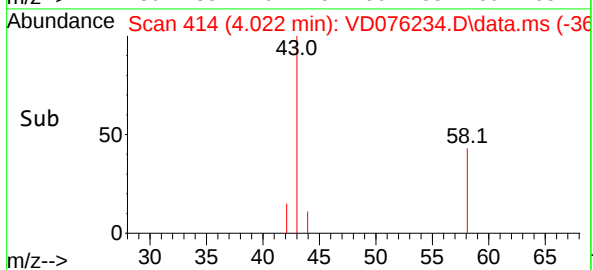
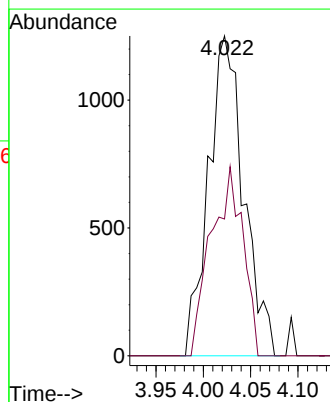
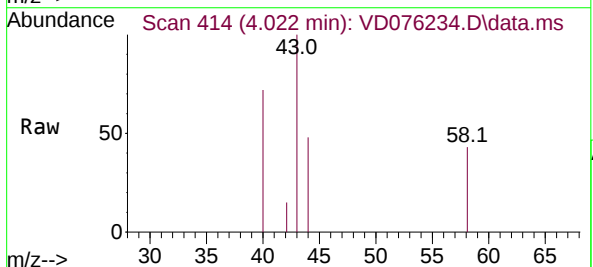
Instrument :
MSVOA_D
ClientSampleId :
TP-32

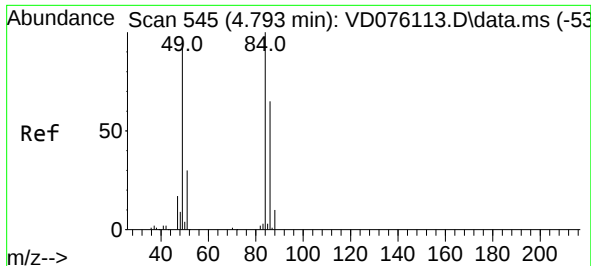
Tgt Ion:168 Resp: 24802
Ion Ratio Lower Upper
168 100
99 49.0 43.8 65.6



#16
Acetone
Concen: 68.019 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076234.D
Acq: 25 May 2023 15:40

Tgt Ion: 43 Resp: 3244
Ion Ratio Lower Upper
43 100
58 42.8 24.4 36.6#

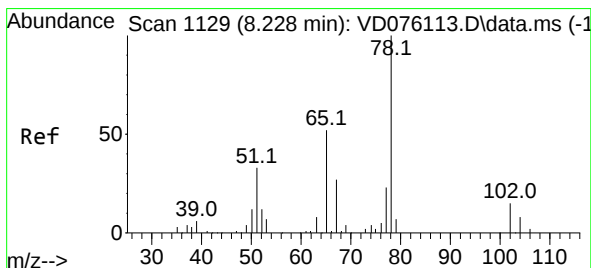
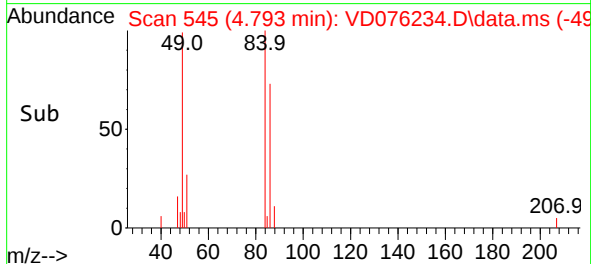
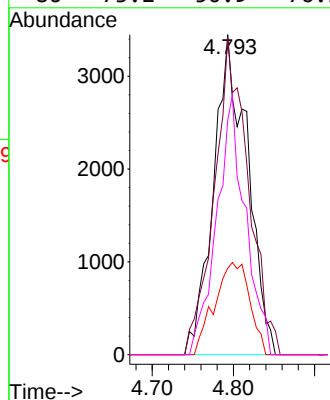
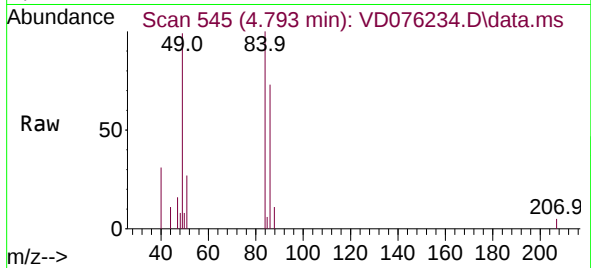




#20
Methylene Chloride
Concen: 21.117 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076234.D
Acq: 25 May 2023 15:40

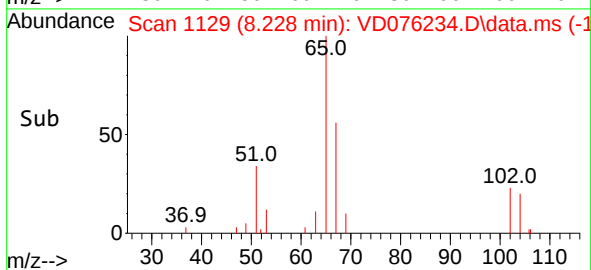
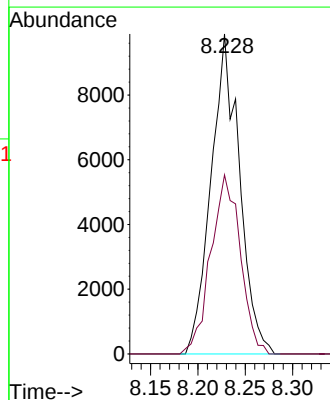
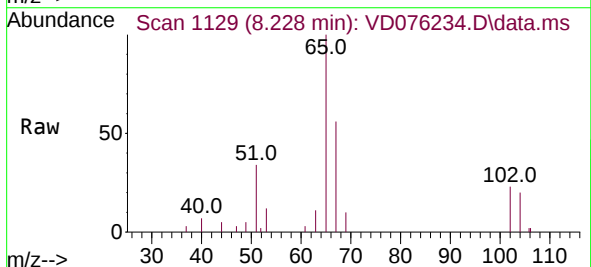
Instrument :
MSVOA_D
ClientSampleId :
TP-32

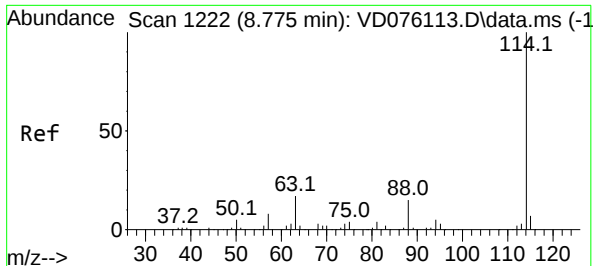
Tgt Ion:	84	Resp:	10071
Ion	Ratio	Lower	Upper
84	100		
49	99.0	106.4	159.6#
51	27.0	32.4	48.6#
86	73.2	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 86.131 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076234.D
Acq: 25 May 2023 15:40

Tgt Ion:	65	Resp:	20646
Ion	Ratio	Lower	Upper
65	100		
67	58.1	0.0	102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076234.D

Acq: 25 May 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

TP-32

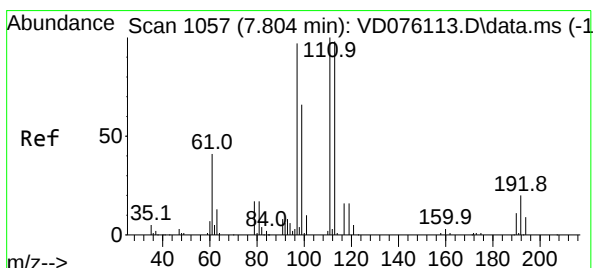
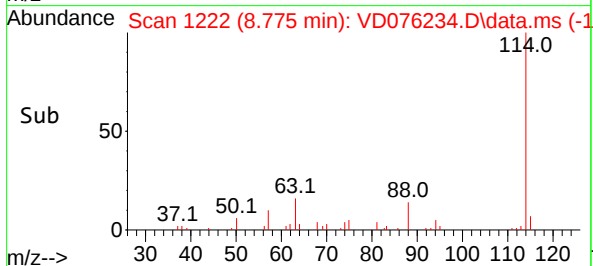
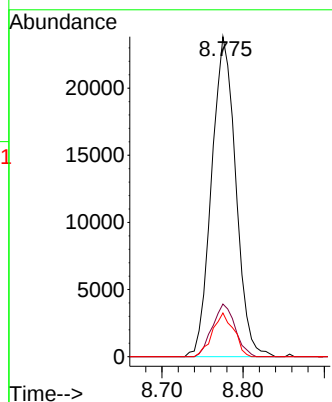
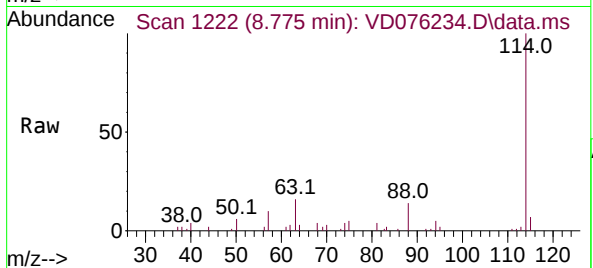
Tgt Ion:114 Resp: 49275

Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 65.247 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076234.D

Acq: 25 May 2023 15:40

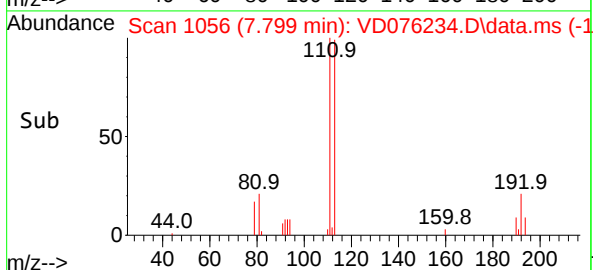
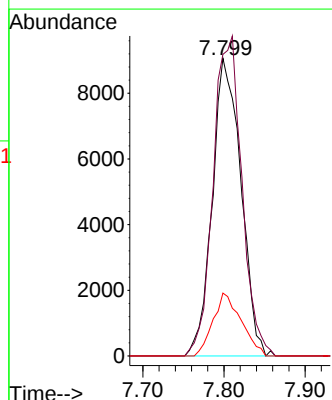
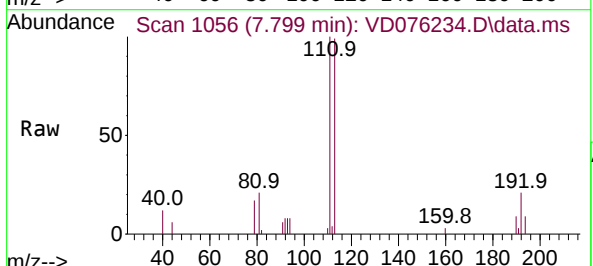
Tgt Ion:113 Resp: 22223

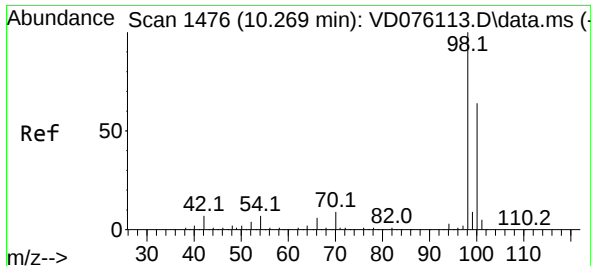
Ion Ratio Lower Upper

113 100

111 107.5 81.4 122.0

192 20.8 15.2 22.8

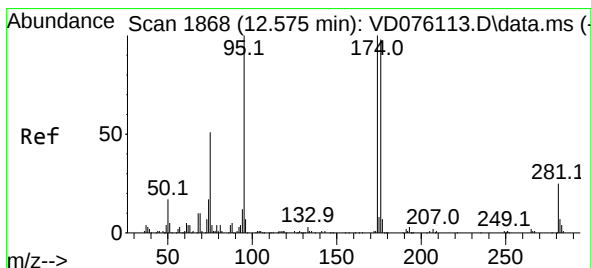
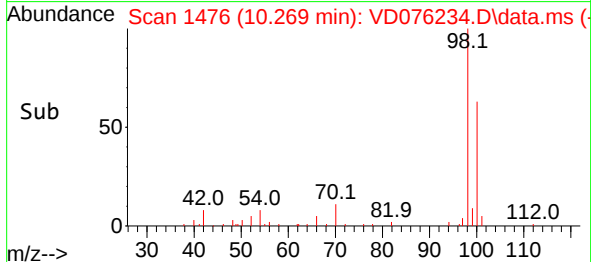
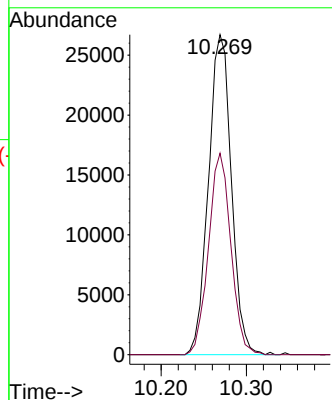
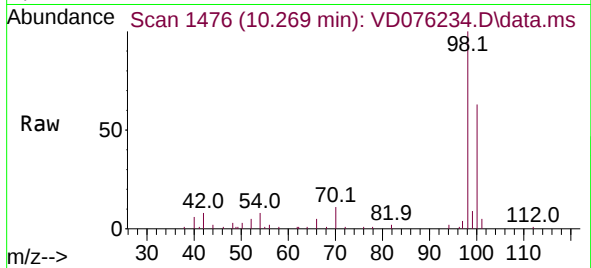




#50
Toluene-d8
Concen: 37.522 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076234.D
Acq: 25 May 2023 15:40

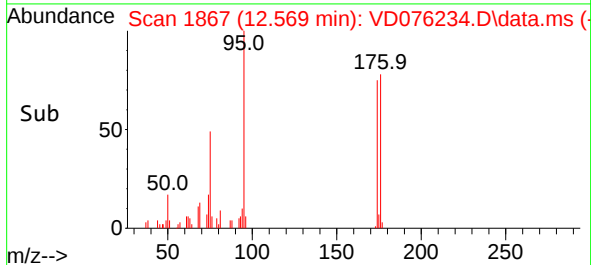
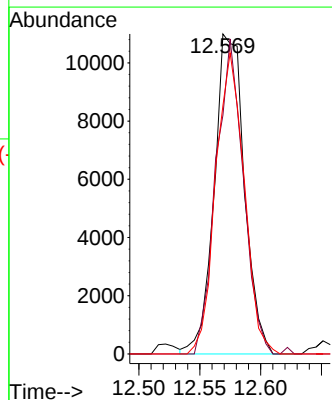
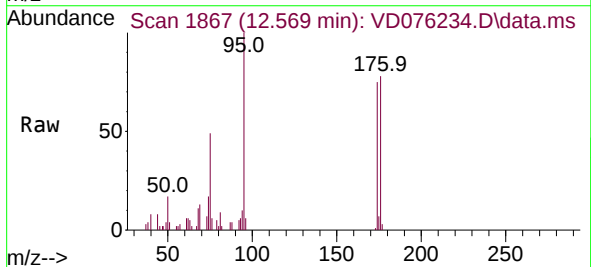
Instrument :
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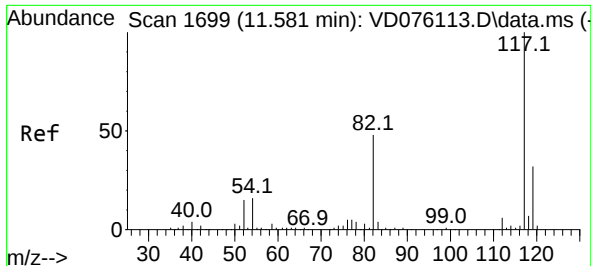
Tgt Ion: 98 Resp: 49820
Ion Ratio Lower Upper
98 100
100 61.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.189 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076234.D
Acq: 25 May 2023 15:40

Tgt Ion: 95 Resp: 18880
Ion Ratio Lower Upper
95 100
174 89.4 0.0 164.0
176 89.1 0.0 156.8

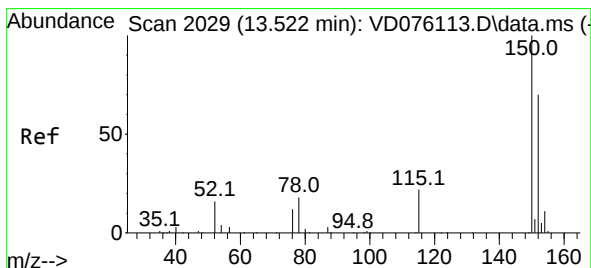
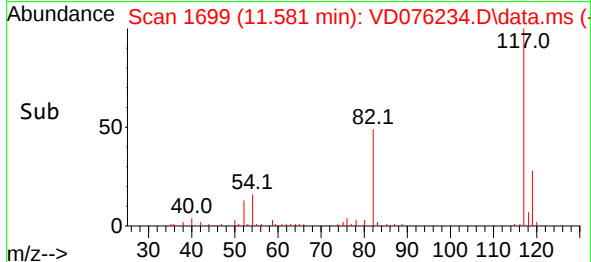
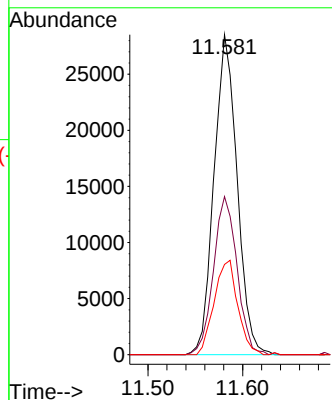
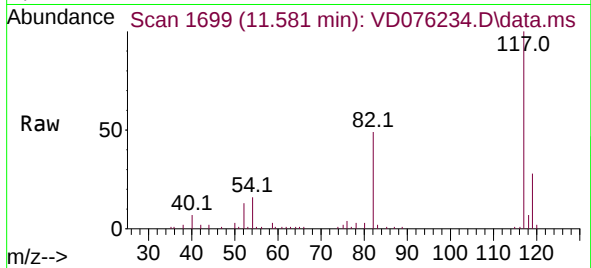




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076234.D
Acq: 25 May 2023 15:40

Instrument :
MSVOA_D
ClientSampleId :
TP-32

Tgt Ion:117 Resp: 48312
Ion Ratio Lower Upper
117 100
82 49.4 44.0 66.0
119 28.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076234.D
Acq: 25 May 2023 15:40

Tgt Ion:152 Resp: 20163
Ion Ratio Lower Upper
152 100
115 56.6 30.1 90.3
150 164.7 0.0 364.8

