

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076193.D
 Acq On : 23 May 2023 15:02
 Operator : KP/SY
 Sample : 02840-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: May 23 15:27:13 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)

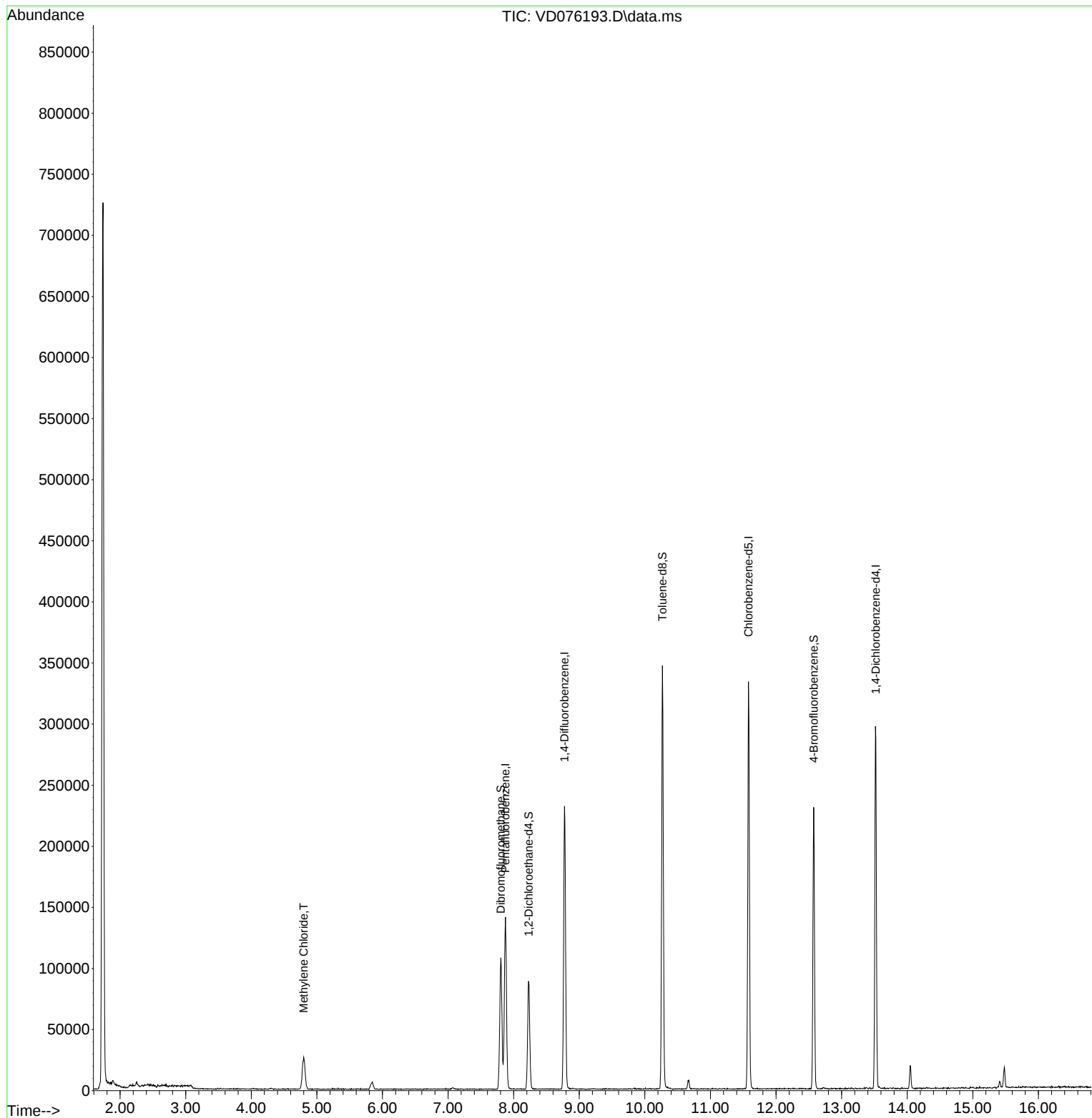
Internal Standards						
1) Pentafluorobenzene	7.875	168	113120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	220178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	85259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68843	62.969	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 125.940%		
35) Dibromofluoromethane	7.804	113	77418	50.869	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.740%		
50) Toluene-d8	10.269	98	254862	42.958	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 85.920%		
62) 4-Bromofluorobenzene	12.575	95	62108	37.686	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 75.380%		
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	22464	4.978	ug/l	# 77

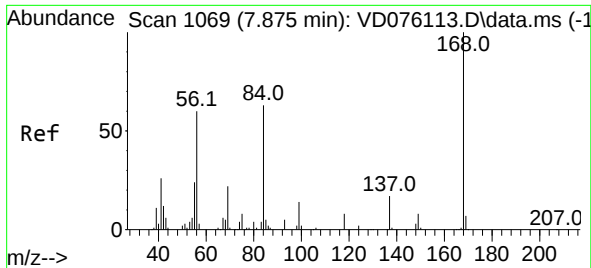
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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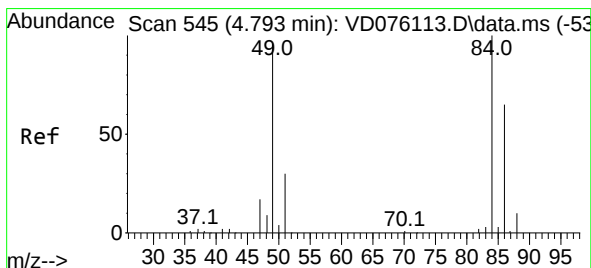
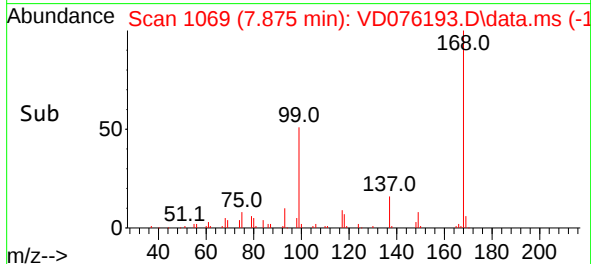
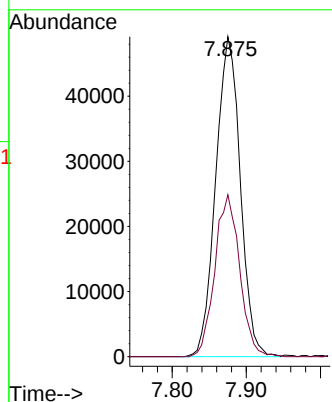
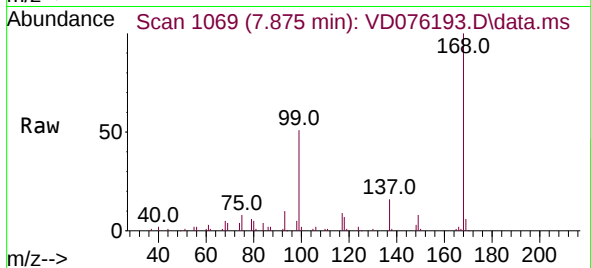




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

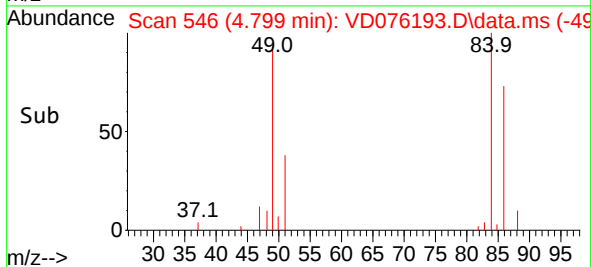
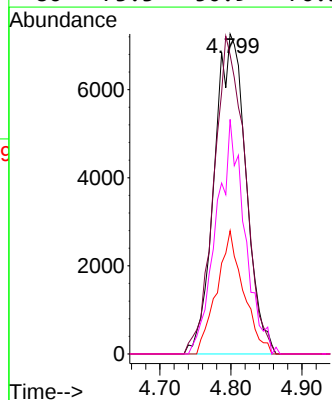
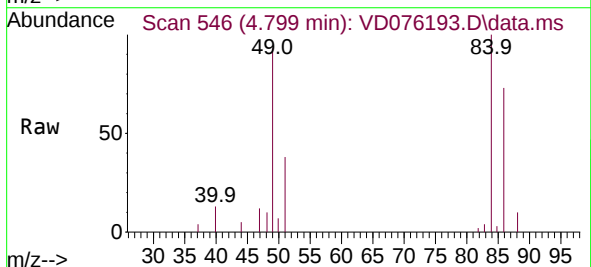
Instrument :
MSVOA_D
ClientSampleId :
TP-1

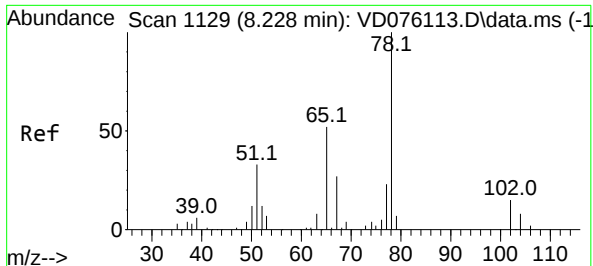
Tgt Ion:168 Resp: 113120
Ion Ratio Lower Upper
168 100
99 50.6 43.8 65.6



#20
Methylene Chloride
Concen: 4.978 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

Tgt Ion: 84 Resp: 22464
Ion Ratio Lower Upper
84 100
49 93.5 106.4 159.6#
51 38.5 32.4 48.6
86 73.3 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 62.969 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076193.D

Acq: 23 May 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

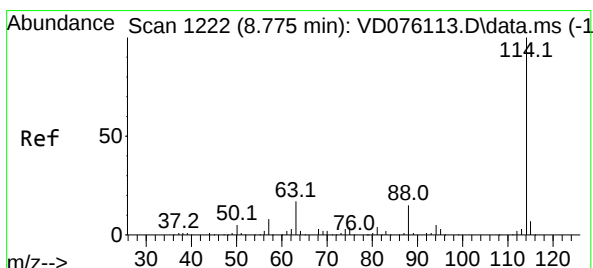
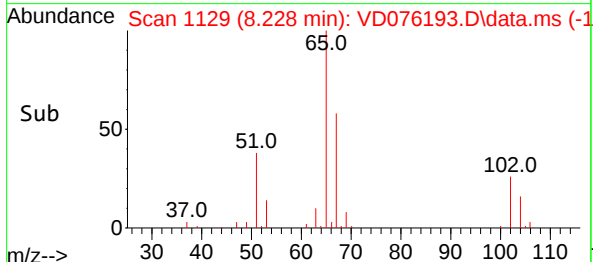
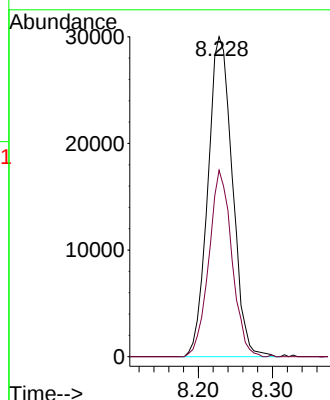
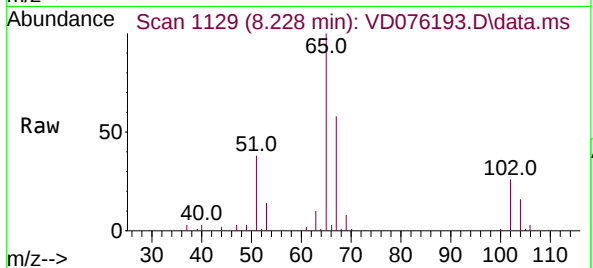
TP-1

Tgt Ion: 65 Resp: 68843

Ion Ratio Lower Upper

65 100

67 54.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076193.D

Acq: 23 May 2023 15:02

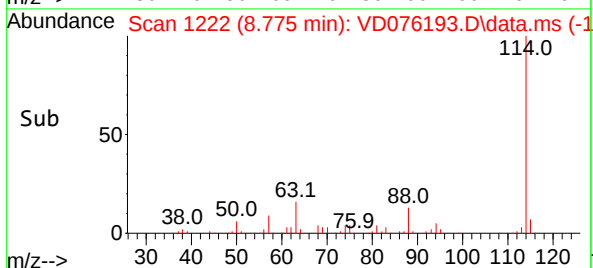
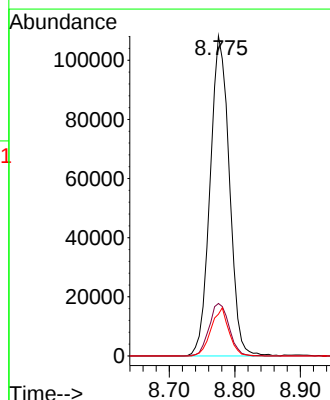
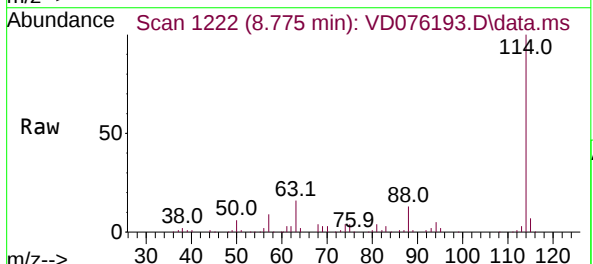
Tgt Ion: 114 Resp: 220178

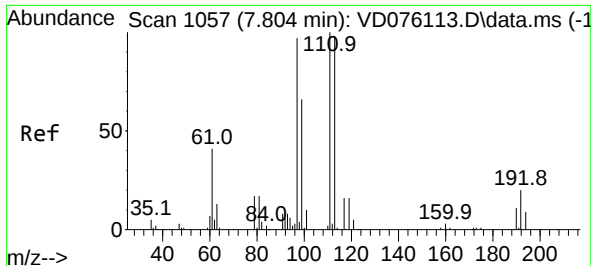
Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 13.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.869 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.001 min

Lab File: VD076193.D

Acq: 23 May 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

TP-1

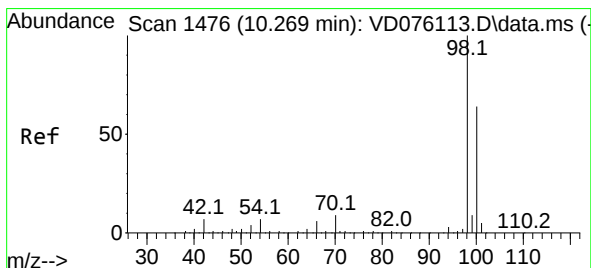
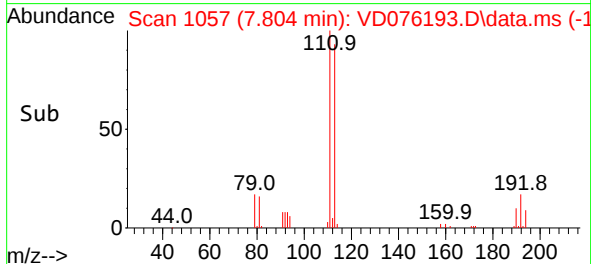
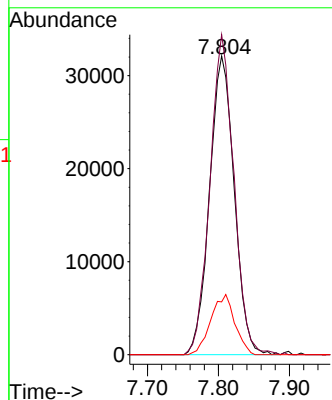
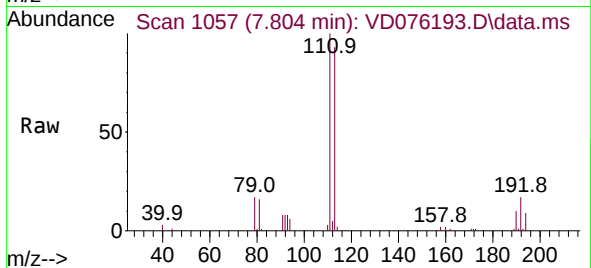
Tgt Ion:113 Resp: 77418

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 19.6 15.2 22.8



#50

Toluene-d8

Concen: 42.958 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076193.D

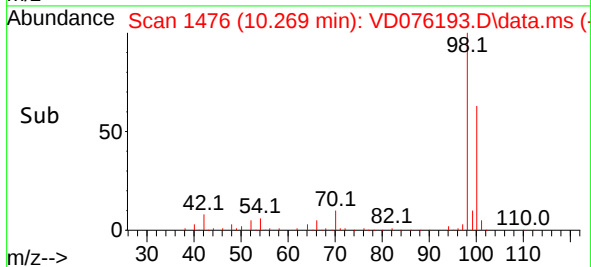
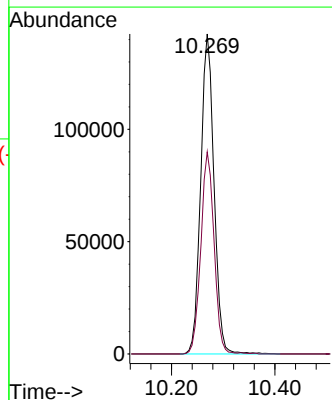
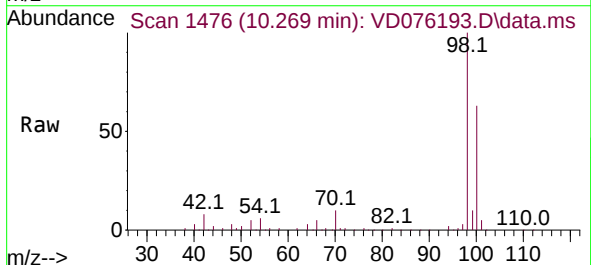
Acq: 23 May 2023 15:02

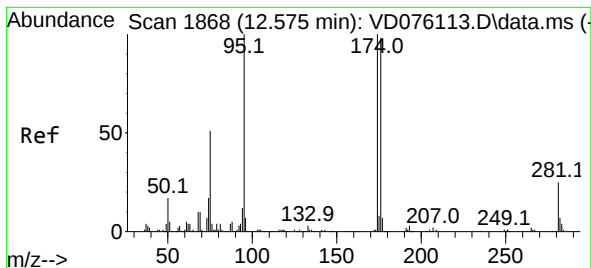
Tgt Ion: 98 Resp: 254862

Ion Ratio Lower Upper

98 100

100 62.7 52.1 78.1

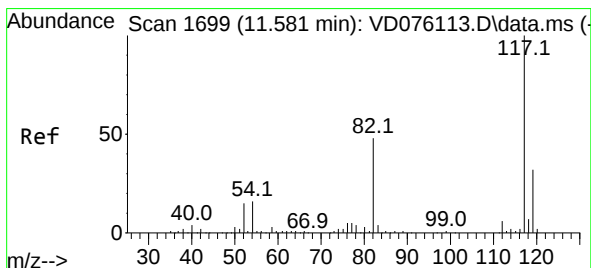
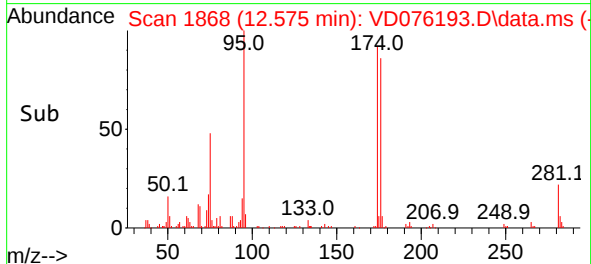
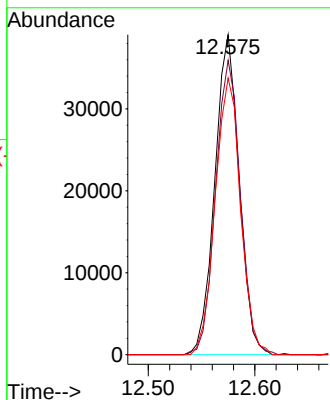
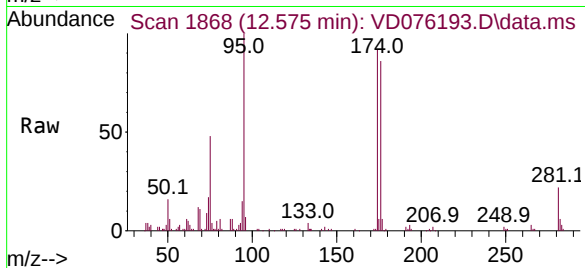




#62
4-Bromofluorobenzene
Concen: 37.686 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

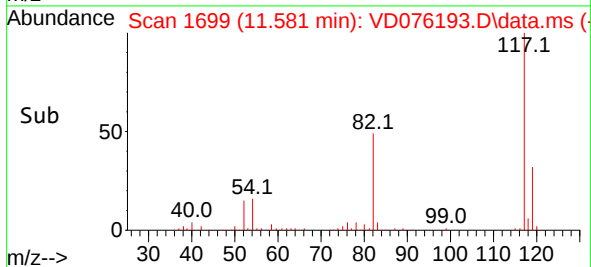
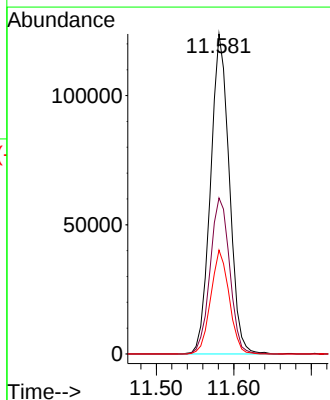
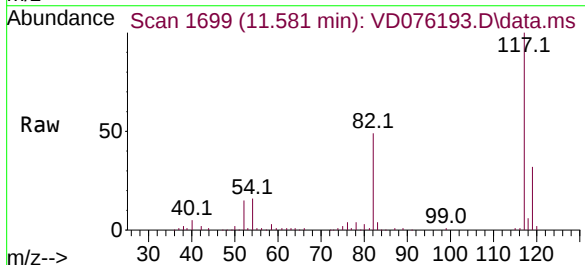
Instrument :
MSVOA_D
ClientSampleId :
TP-1

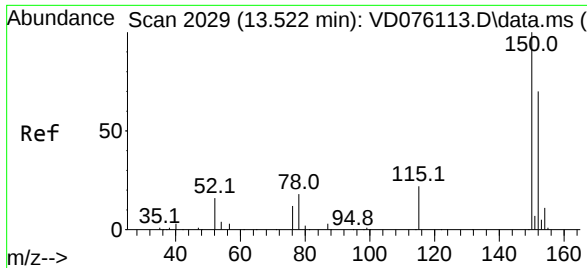
Tgt Ion: 95 Resp: 62108
Ion Ratio Lower Upper
95 100
174 93.5 0.0 164.0
176 89.5 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076193.D
Acq: 23 May 2023 15:02

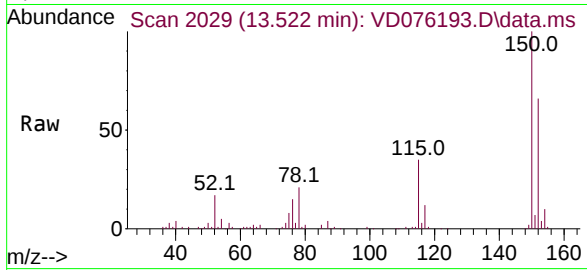
Tgt Ion: 117 Resp: 207995
Ion Ratio Lower Upper
117 100
82 48.8 44.0 66.0
119 32.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076193.D
 Acq: 23 May 2023 15:02

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1



Tgt Ion:	152	Resp:	85259
Ion	Ratio	Lower	Upper
152	100		
115	55.9	30.1	90.3
150	158.9	0.0	364.8

