

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077324.D
 Acq On : 12 Oct 2023 18:33
 Operator : JC/SY
 Sample : 04858-01
 Misc : 5.98G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Oct 13 02:33:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

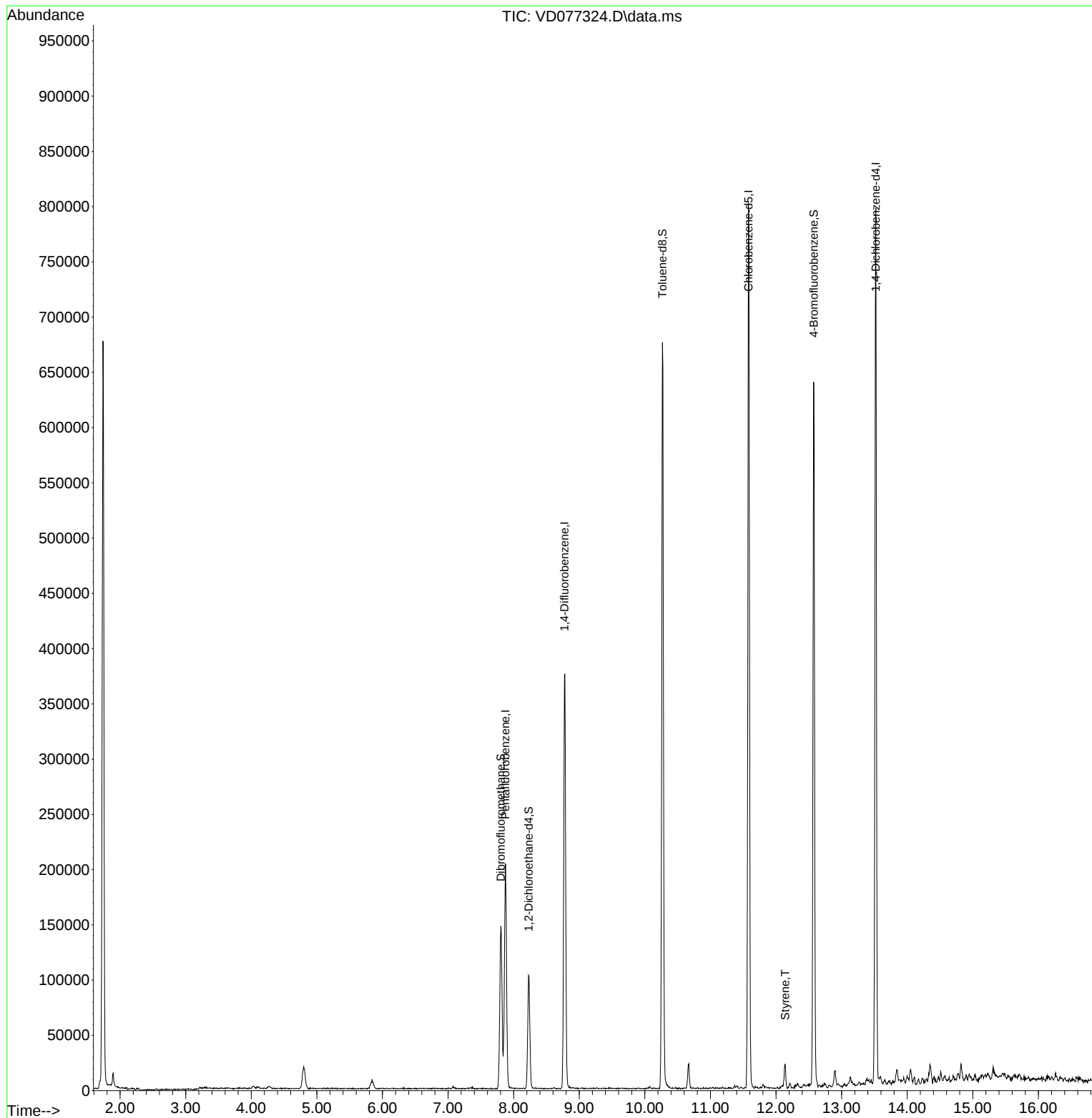
Internal Standards						
1) Pentafluorobenzene	7.875	168	153545	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	352000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	482470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	210449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76271	63.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.360%	
35) Dibromofluoromethane	7.804	113	109149	59.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.100%	
50) Toluene-d8	10.269	98	480512	78.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 156.360%#	
62) 4-Bromofluorobenzene	12.575	95	194190	94.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 188.140%#	
Target Compounds						
70) Styrene	12.140	104	11842	1.056	ug/l	Qvalue 93

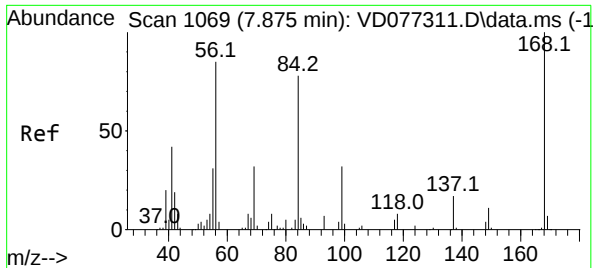
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
Data File : VD077324.D
Acq On : 12 Oct 2023 18:33
Operator : JC/SY
Sample : 04858-01
Misc : 5.98G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Quant Time: Oct 13 02:33:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 12 14:39:07 2023
Response via : Initial Calibration

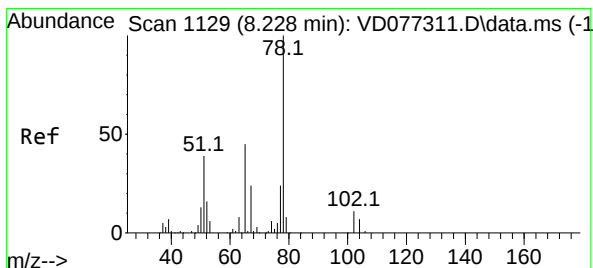
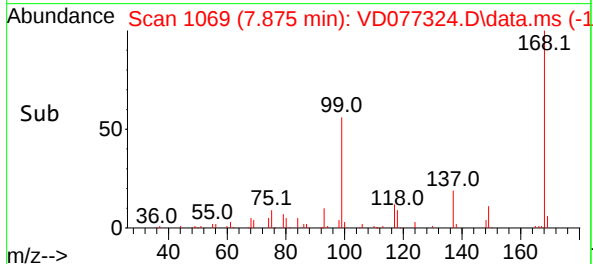
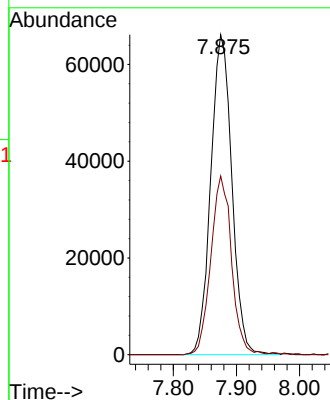
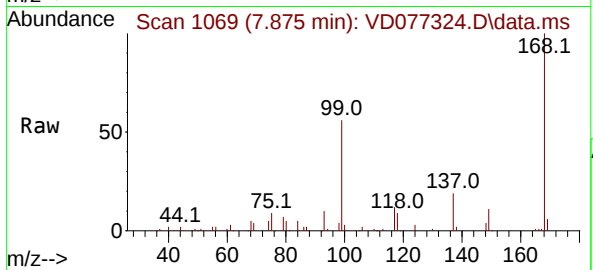




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077324.D
Acq: 12 Oct 2023 18:33

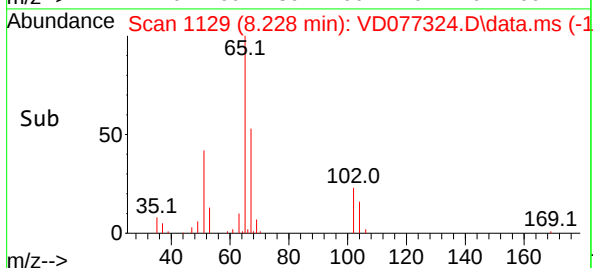
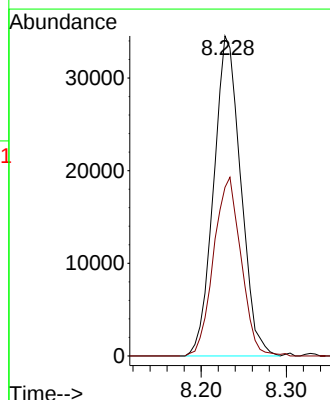
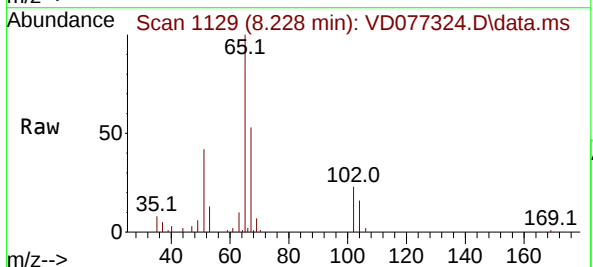
Instrument :
MSVOA_D
ClientSampleId :
WC-1

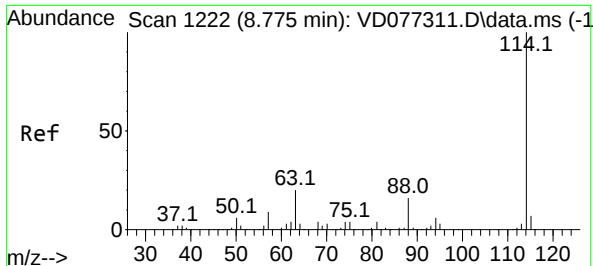
Tgt Ion:168 Resp: 153545
Ion Ratio Lower Upper
168 100
99 55.8 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 63.183 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077324.D
Acq: 12 Oct 2023 18:33

Tgt Ion: 65 Resp: 76271
Ion Ratio Lower Upper
65 100
67 56.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077324.D

Acq: 12 Oct 2023 18:33

Instrument :

MSVOA_D

ClientSampleId :

WC-1

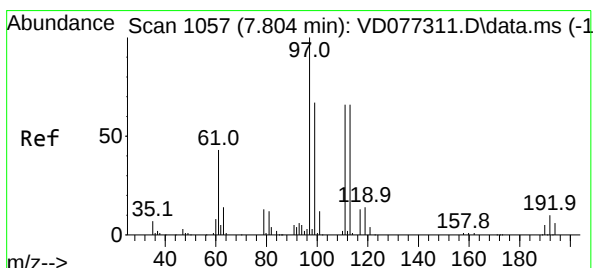
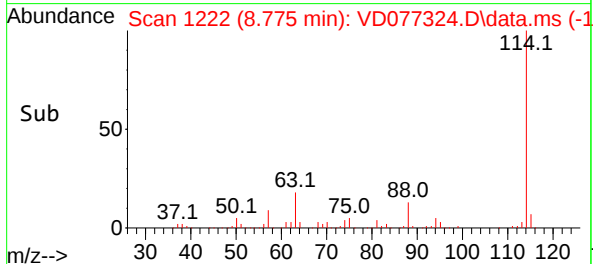
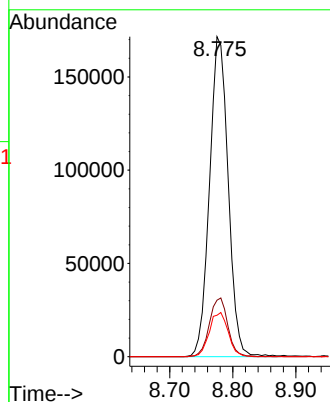
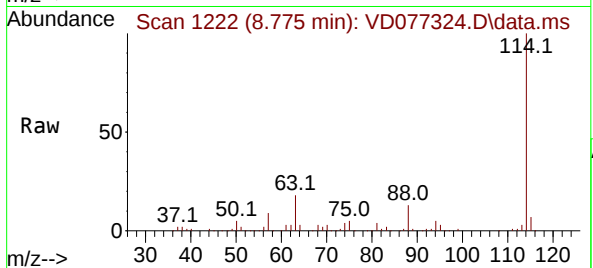
Tgt Ion:114 Resp: 352000

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.548 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077324.D

Acq: 12 Oct 2023 18:33

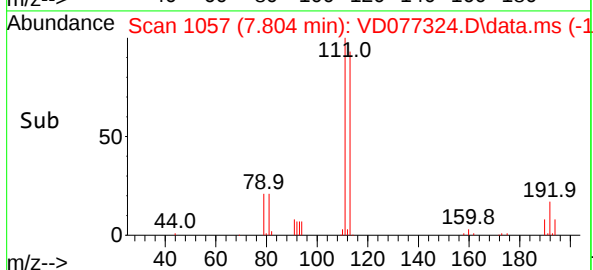
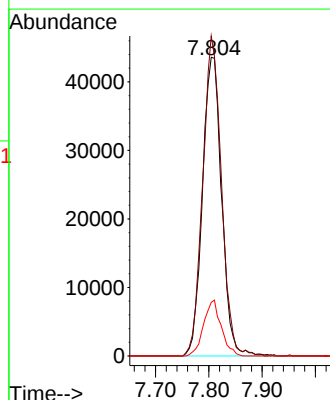
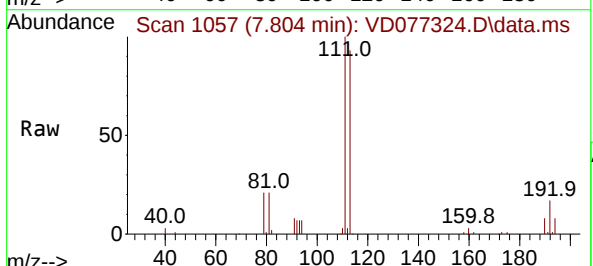
Tgt Ion:113 Resp: 109149

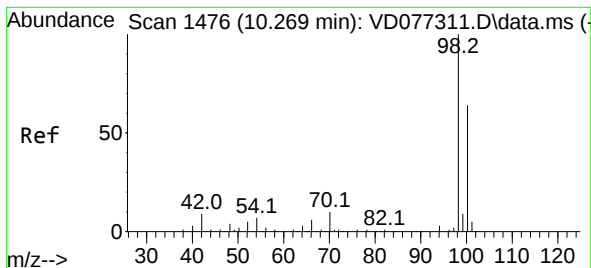
Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 17.1 16.8 25.2





#50

Toluene-d8

Concen: 78.180 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077324.D

Acq: 12 Oct 2023 18:33

Instrument :

MSVOA_D

ClientSampleId :

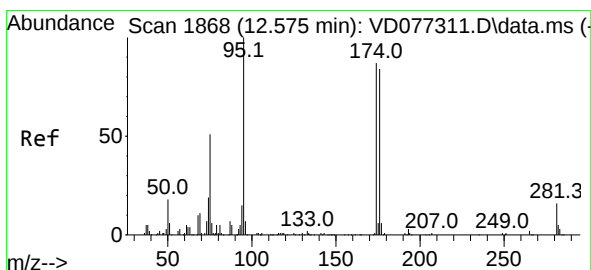
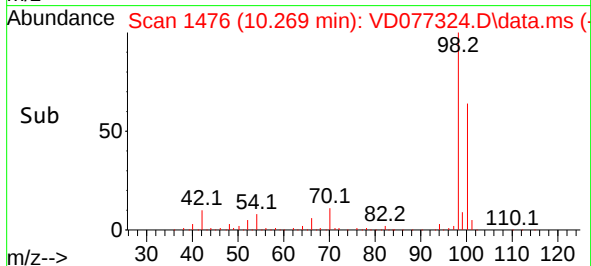
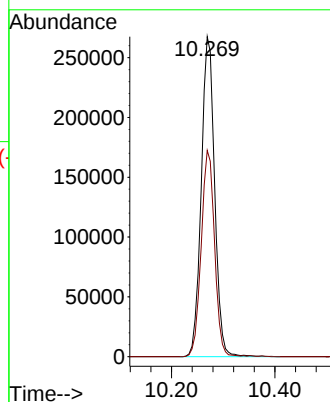
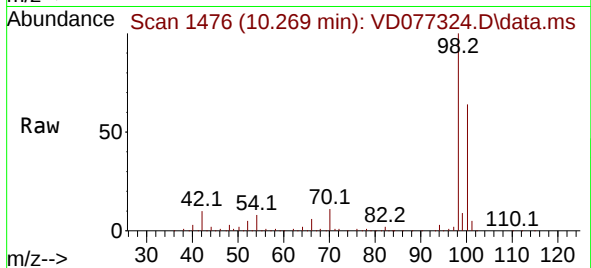
WC-1

Tgt Ion: 98 Resp: 480512

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 94.070 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077324.D

Acq: 12 Oct 2023 18:33

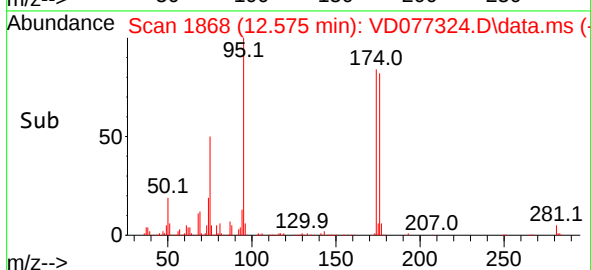
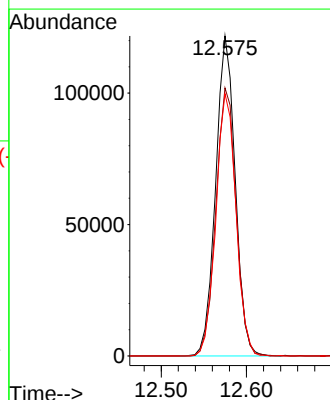
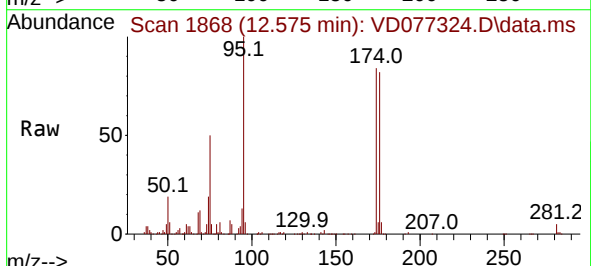
Tgt Ion: 95 Resp: 194190

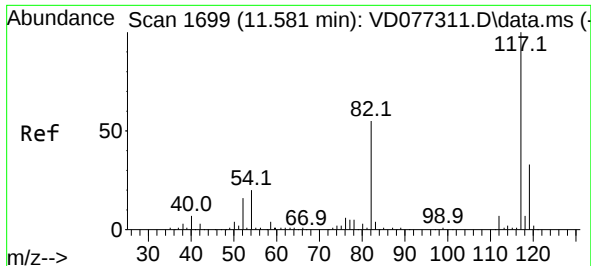
Ion Ratio Lower Upper

95 100

174 86.7 0.0 201.8

176 84.1 0.0 191.8

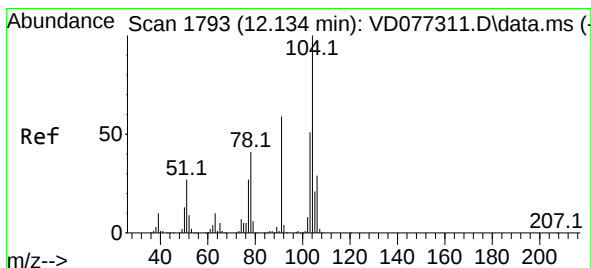
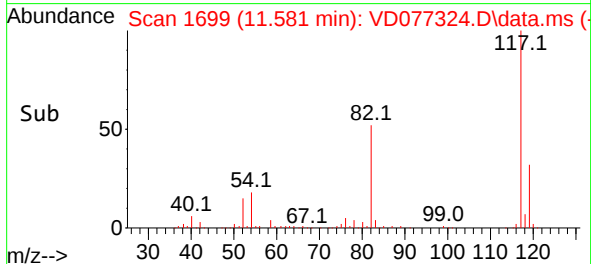
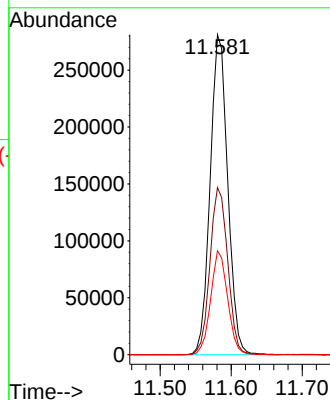
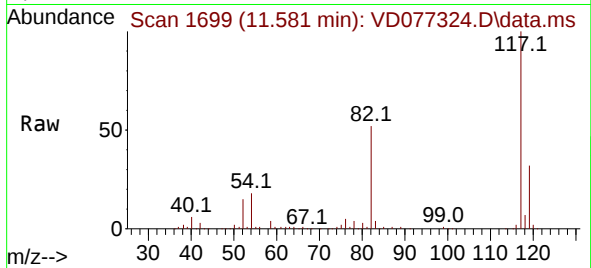




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077324.D
Acq: 12 Oct 2023 18:33

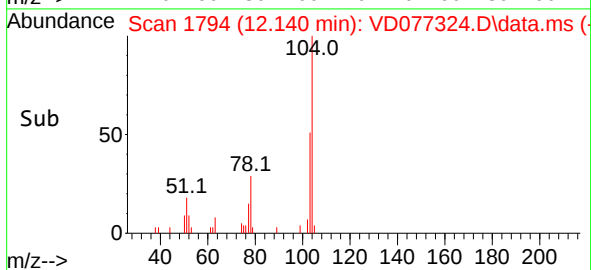
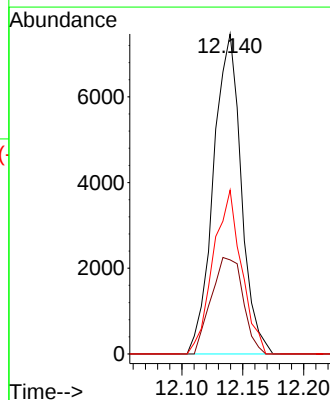
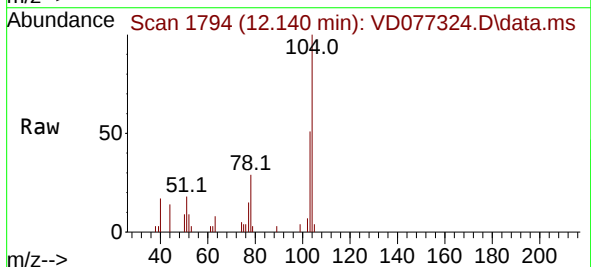
Instrument :
MSVOA_D
ClientSampleId :
WC-1

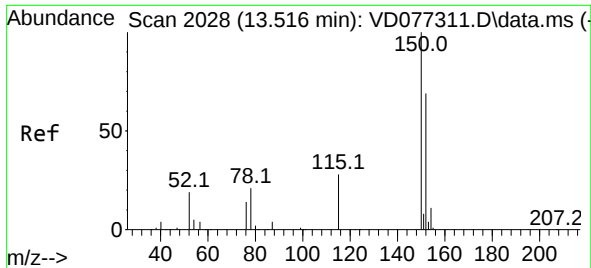
Tgt Ion:117 Resp: 482470
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 32.5 25.0 37.4



#70
Styrene
Concen: 1.056 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077324.D
Acq: 12 Oct 2023 18:33

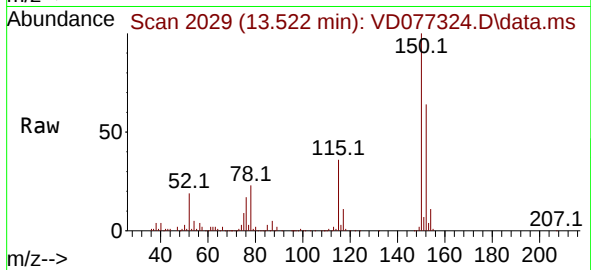
Tgt Ion:104 Resp: 11842
Ion Ratio Lower Upper
104 100
78 34.5 33.2 49.8
103 52.2 43.6 65.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD077324.D
 Acq: 12 Oct 2023 18:33

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1



Tgt Ion:152 Resp: 210449
 Ion Ratio Lower Upper
 152 100
 115 58.9 27.1 81.3
 150 156.6 0.0 353.6

