

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077155.D
 Acq On : 19 Sep 2023 19:20
 Operator : JC/SY
 Sample : 04491-07
 Misc : 6.15G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B102-03(2.5-3)

Quant Time: Sep 20 02:05:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

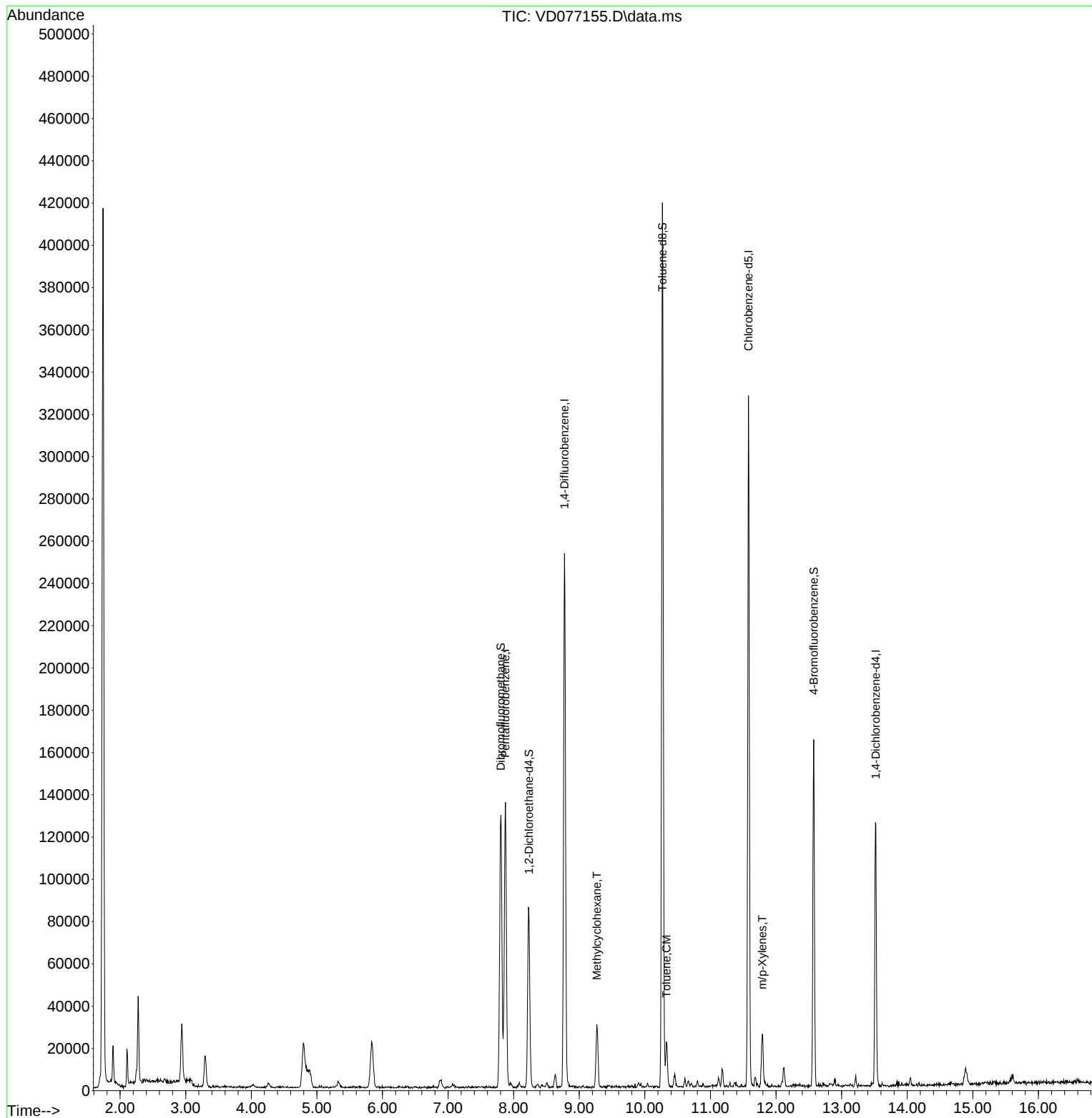
Internal Standards						
1) Pentafluorobenzene	7.875	168	97348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	37628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64364	65.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.020%	
35) Dibromofluoromethane	7.804	113	94750	57.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.740%	
50) Toluene-d8	10.269	98	295307	50.669	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.575	95	48134	26.646	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 53.300%	
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.269	83	11603	4.090	ug/l	88
52) Toluene	10.328	92	9452	1.937	ug/l	93
68) m/p-Xylenes	11.792	106	7649	2.420	ug/l	88

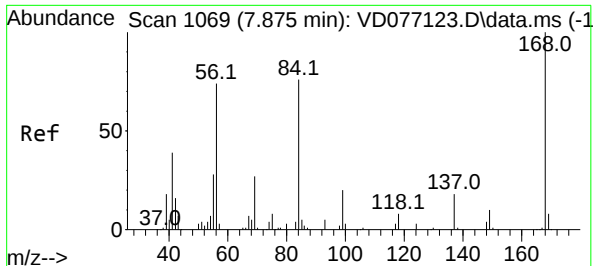
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B102-03(2.5-3)

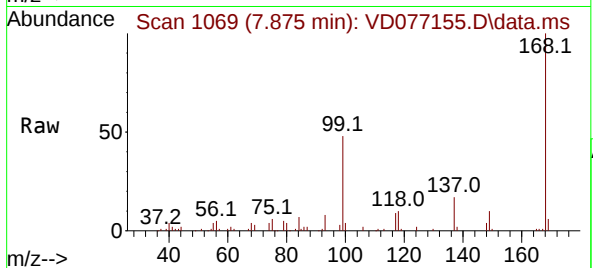
Quant Time: Sep 20 02:05:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration



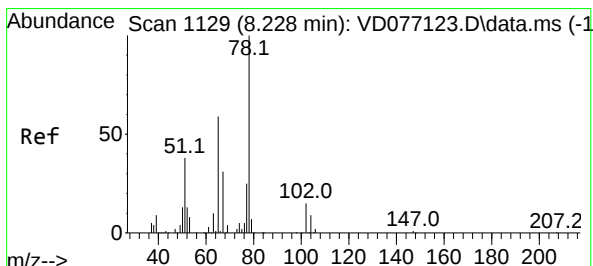
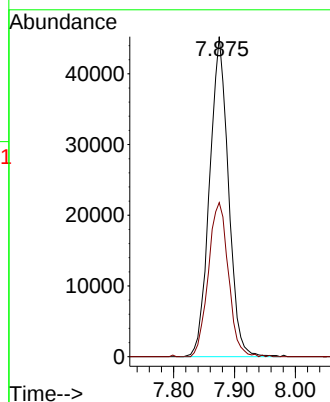
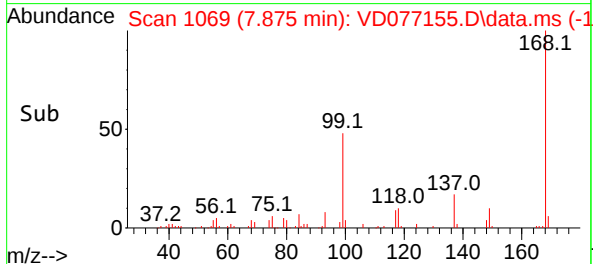


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

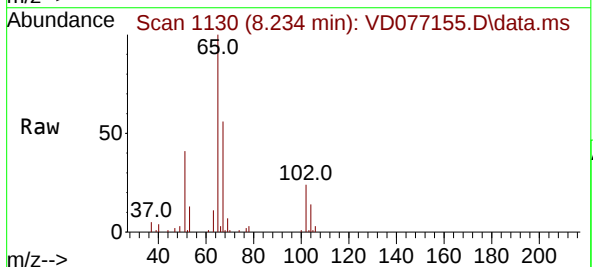
Instrument :
MSVOA_D
ClientSampleId :
B102-03(2.5-3)



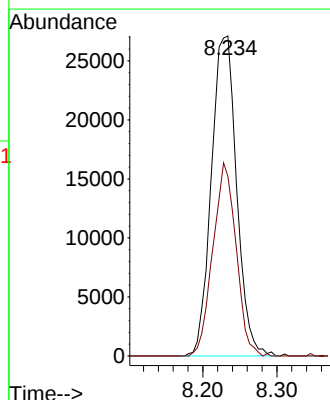
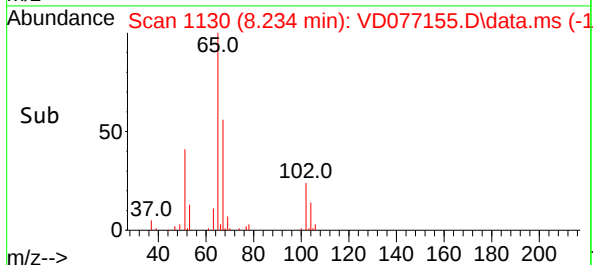
Tgt Ion:168 Resp: 97348
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1

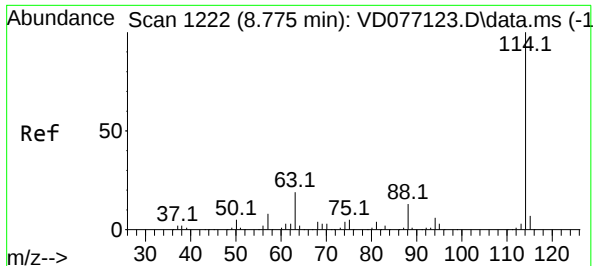


#33
1,2-Dichloroethane-d4
Concen: 65.514 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20



Tgt Ion: 65 Resp: 64364
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077155.D

Acq: 19 Sep 2023 19:20

Instrument :

MSVOA_D

ClientSampleId :

B102-03(2.5-3)

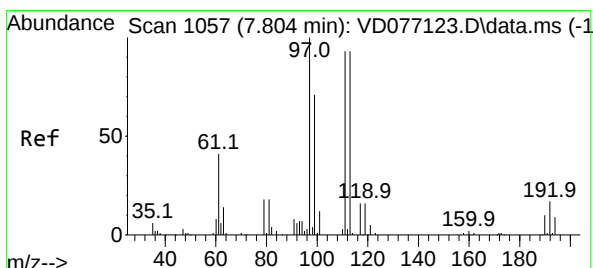
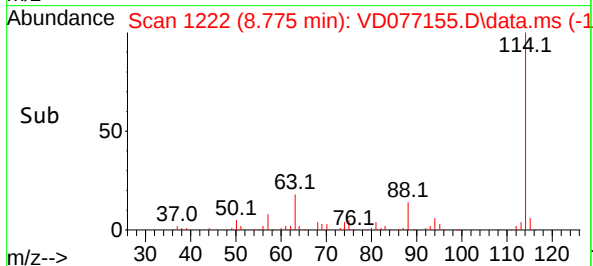
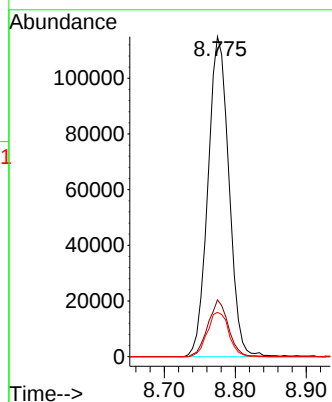
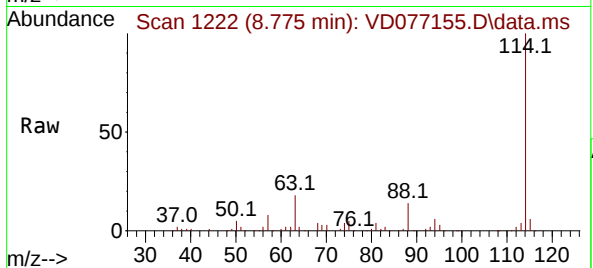
Tgt Ion:114 Resp: 235733

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 57.867 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077155.D

Acq: 19 Sep 2023 19:20

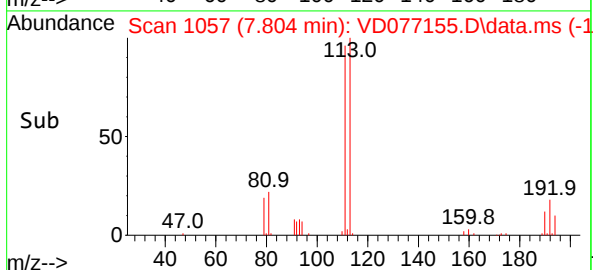
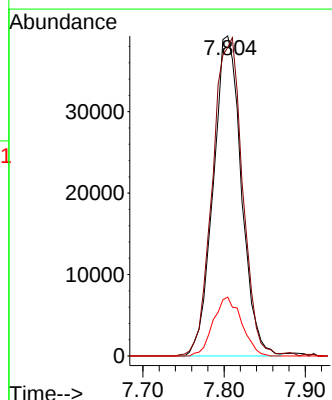
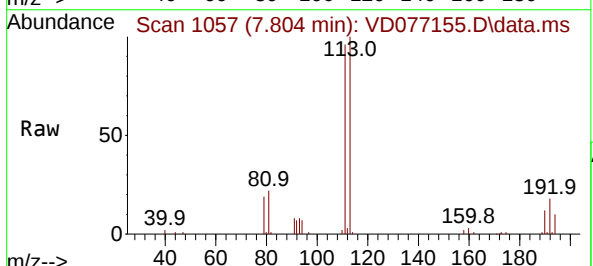
Tgt Ion:113 Resp: 94750

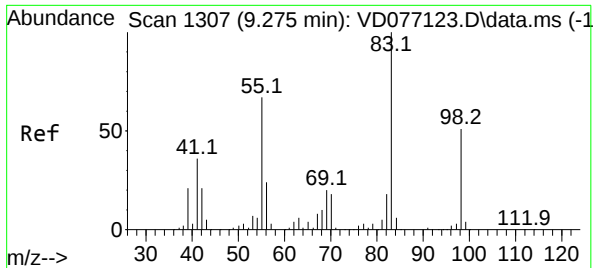
Ion Ratio Lower Upper

113 100

111 105.4 84.7 127.1

192 18.5 16.8 25.2





#39

Methylcyclohexane

Concen: 4.090 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077155.D

Acq: 19 Sep 2023 19:20

Instrument :

MSVOA_D

ClientSampleId :

B102-03(2.5-3)

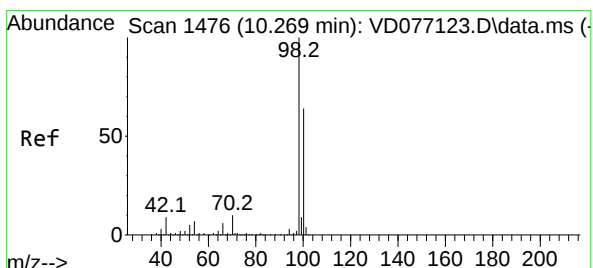
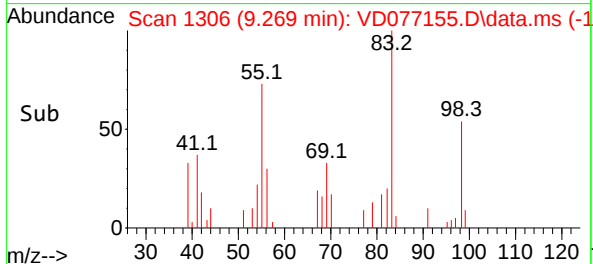
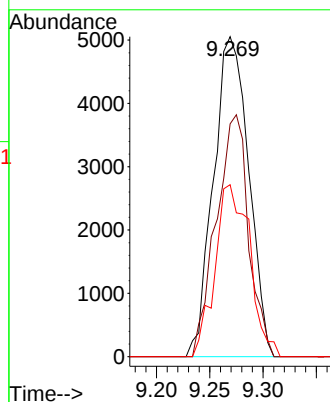
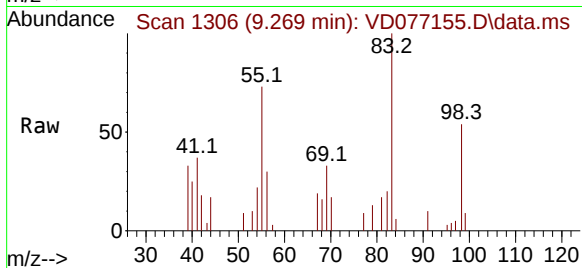
Tgt Ion: 83 Resp: 11603

Ion Ratio Lower Upper

83 100

55 72.8 49.4 74.0

98 53.8 38.4 57.6



#50

Toluene-d8

Concen: 50.669 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077155.D

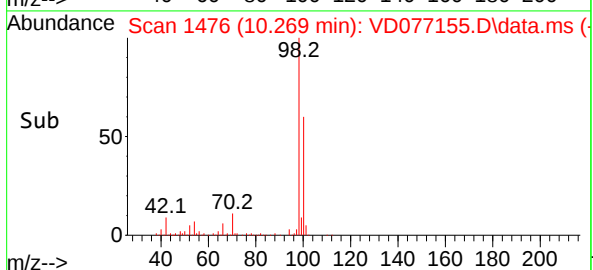
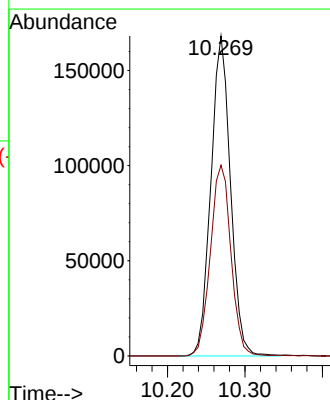
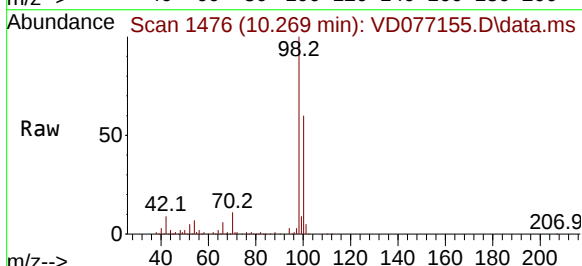
Acq: 19 Sep 2023 19:20

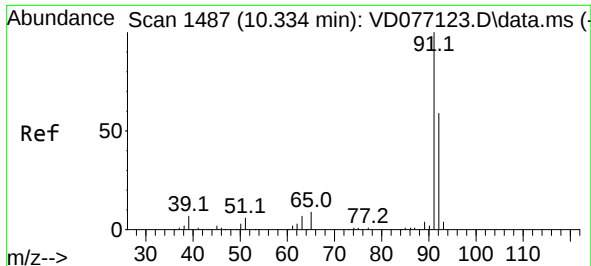
Tgt Ion: 98 Resp: 295307

Ion Ratio Lower Upper

98 100

100 62.5 50.3 75.5

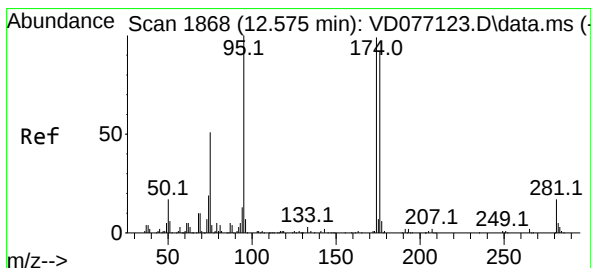
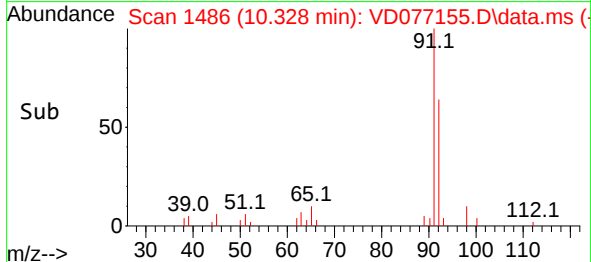
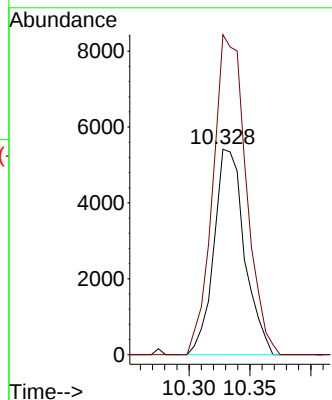
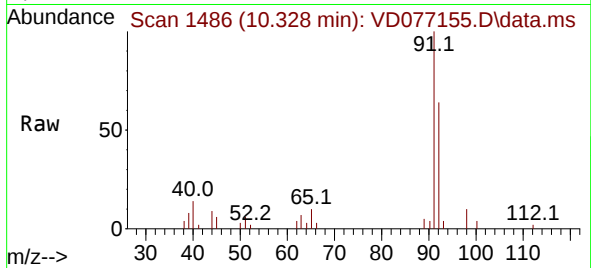




#52
Toluene
Concen: 1.937 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

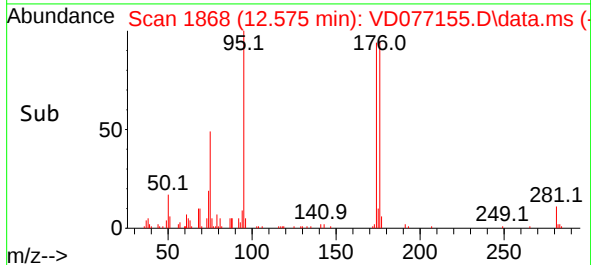
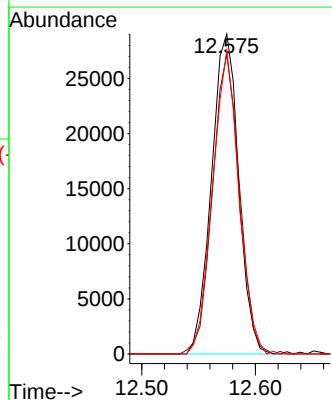
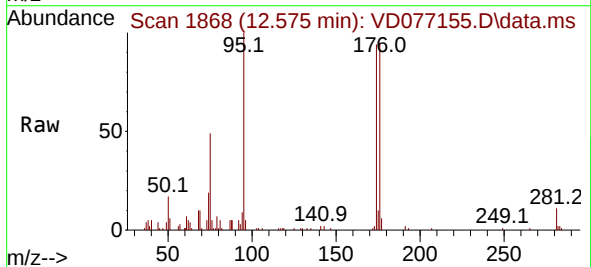
Instrument :
MSVOA_D
ClientSampleId :
B102-03(2.5-3)

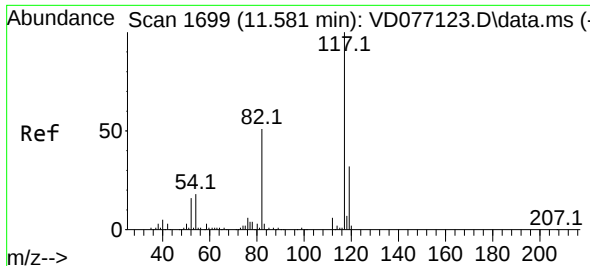
Tgt Ion: 92 Resp: 9452
Ion Ratio Lower Upper
92 100
91 169.1 143.0 214.4



#62
4-Bromofluorobenzene
Concen: 26.646 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

Tgt Ion: 95 Resp: 48134
Ion Ratio Lower Upper
95 100
174 92.9 0.0 201.8
176 91.9 0.0 191.8

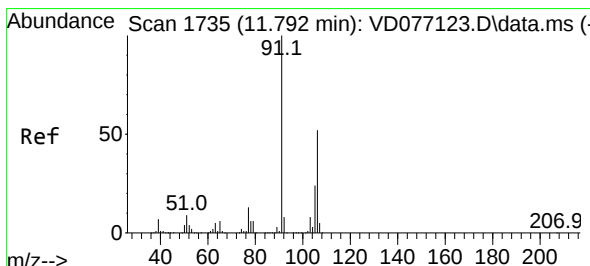
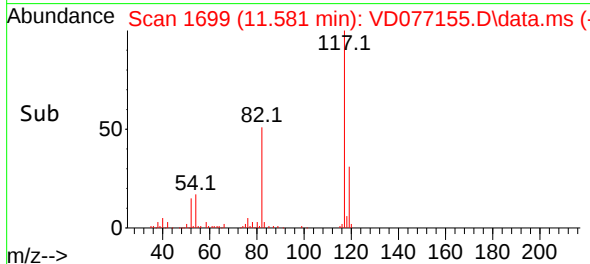
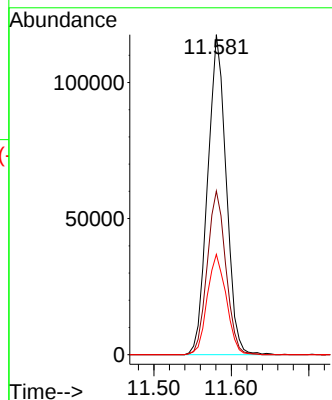
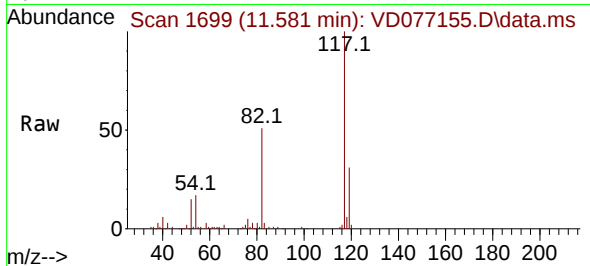




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

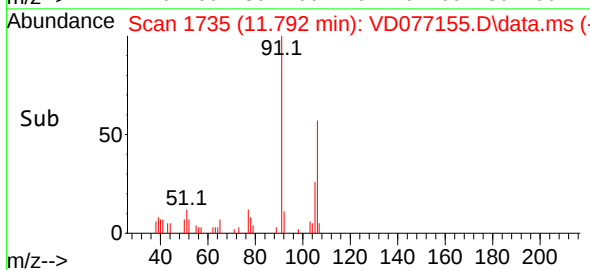
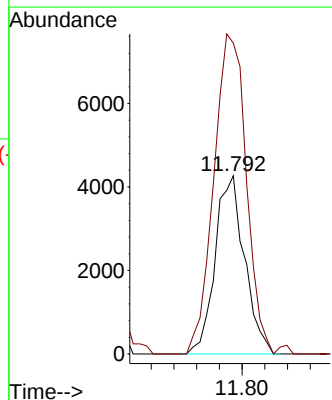
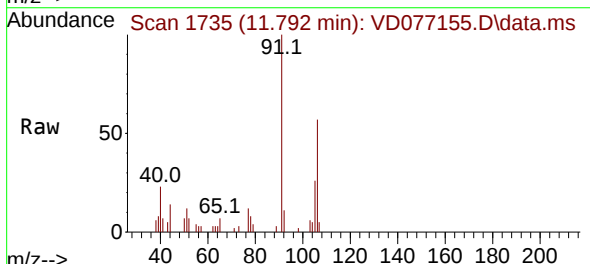
Instrument :
MSVOA_D
ClientSampleId :
B102-03(2.5-3)

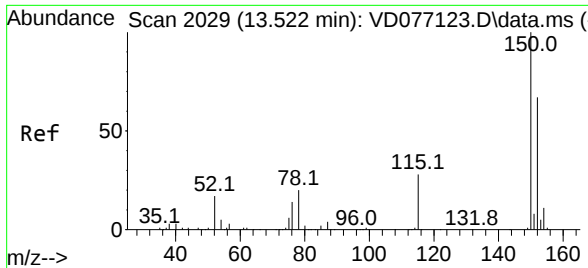
Tgt Ion:117 Resp: 195206
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 2.420 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077155.D
Acq: 19 Sep 2023 19:20

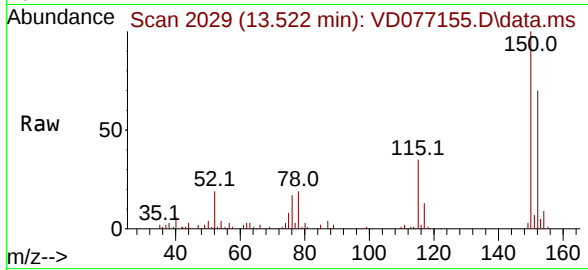
Tgt Ion:106 Resp: 7649
Ion Ratio Lower Upper
106 100
91 200.4 147.0 220.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077155.D
 Acq: 19 Sep 2023 19:20

Instrument :
 MSVOA_D
 ClientSampleId :
 B102-03(2.5-3)



Tgt Ion:152 Resp: 37628
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.1 81.3
 150 153.0 0.0 353.6

