

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077138.D
 Acq On : 18 Sep 2023 19:08
 Operator : JC/SY
 Sample : 04436-01
 Misc : 5.97G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B103-01(19.5-20)

Quant Time: Sep 19 04:59:23 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)

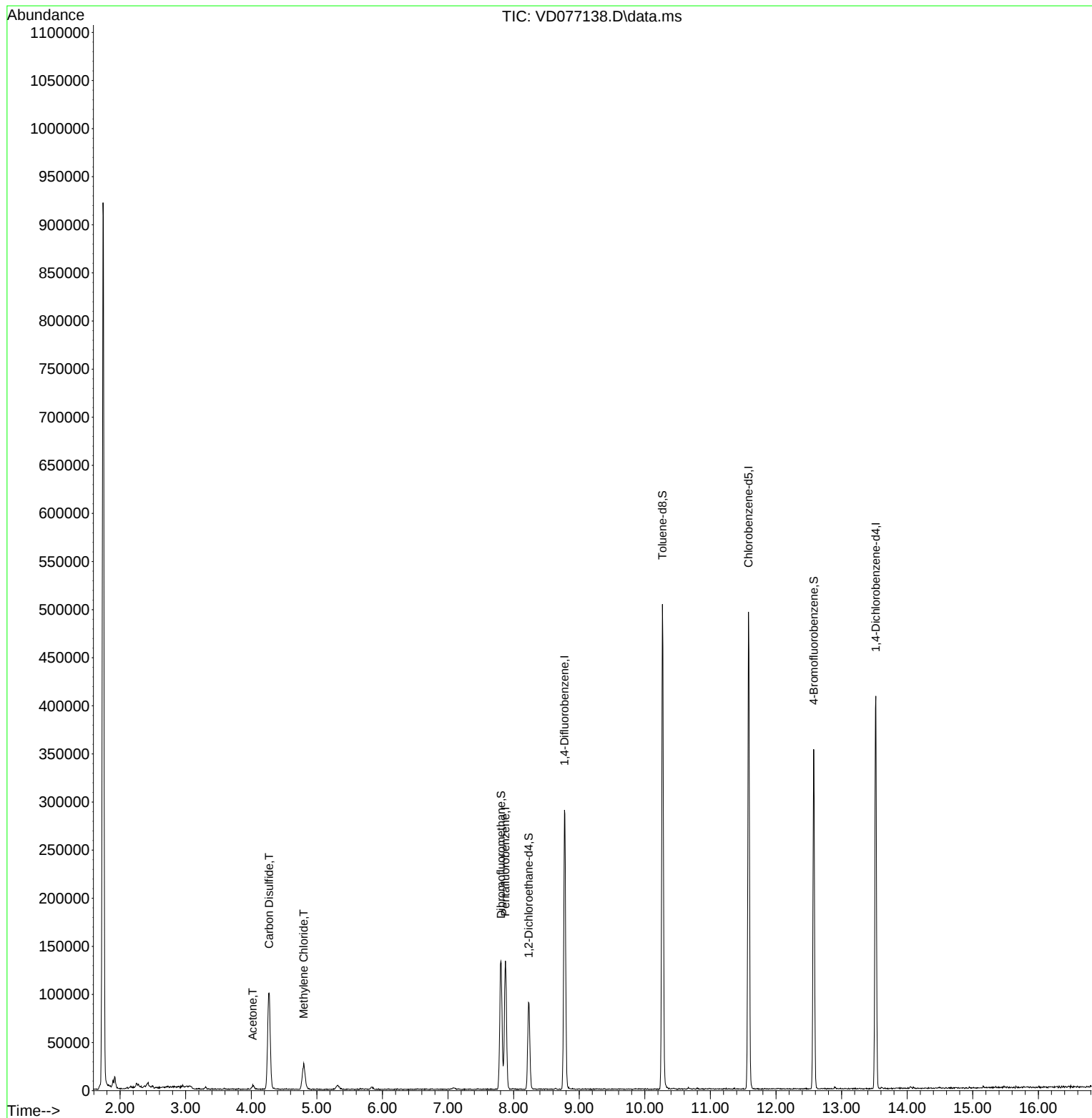
Internal Standards						
1) Pentafluorobenzene	7.875	168	107464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	271183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	118096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71966	66.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.720%
35) Dibromofluoromethane	7.810	113	99850	53.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.020%
50) Toluene-d8	10.269	98	352982	52.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.575	95	104965	50.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.020%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	6603	26.638	ug/l #	80
17) Carbon Disulfide	4.269	76	221590	53.845	ug/l	99
20) Methylene Chloride	4.799	84	21297	7.968	ug/l	92

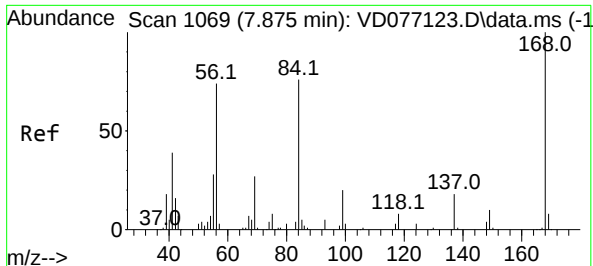
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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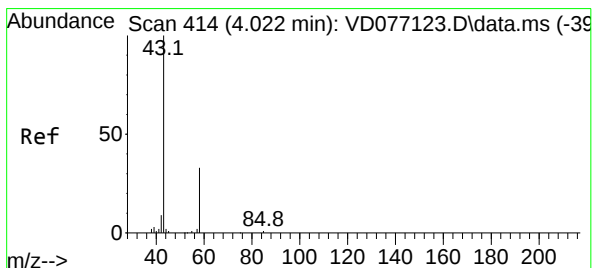
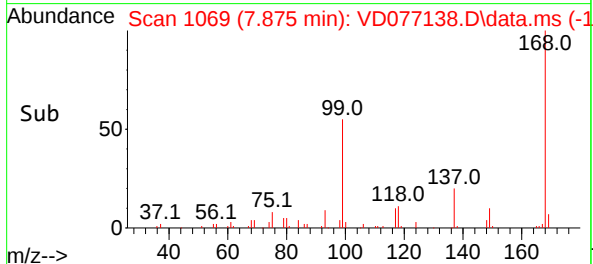
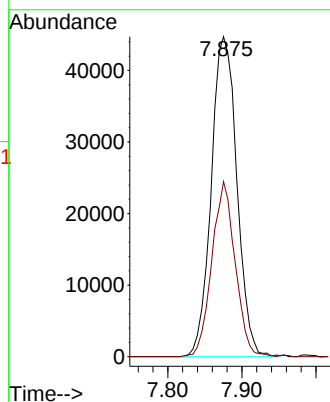
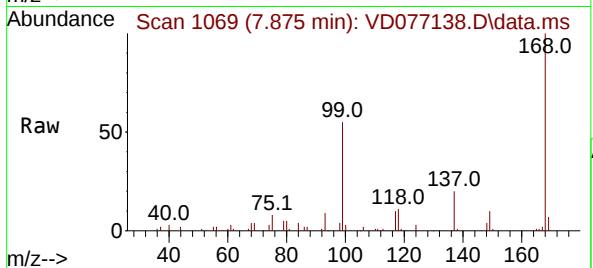




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077138.D
Acq: 18 Sep 2023 19:08

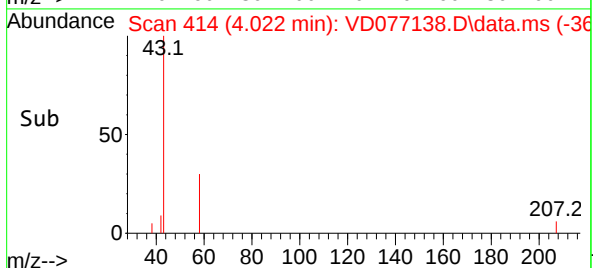
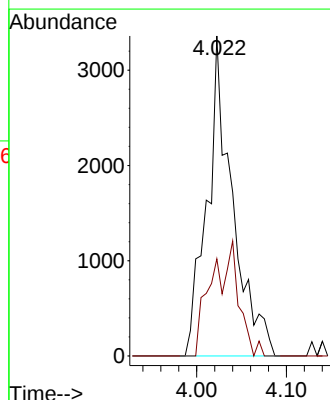
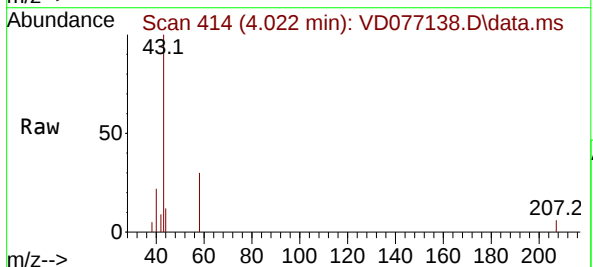
Instrument :
MSVOA_D
ClientSampleId :
B103-01(19.5-20)

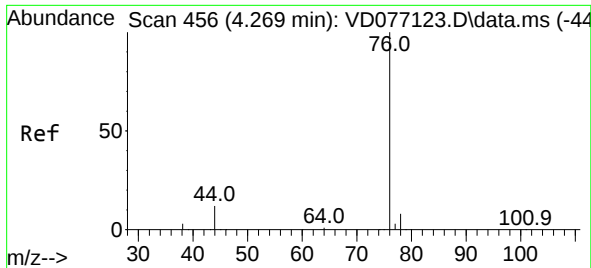
Tgt Ion:168 Resp: 107464
Ion Ratio Lower Upper
168 100
99 54.7 36.7 55.1



#16
Acetone
Concen: 26.638 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077138.D
Acq: 18 Sep 2023 19:08

Tgt Ion: 43 Resp: 6603
Ion Ratio Lower Upper
43 100
58 30.3 34.7 52.1#

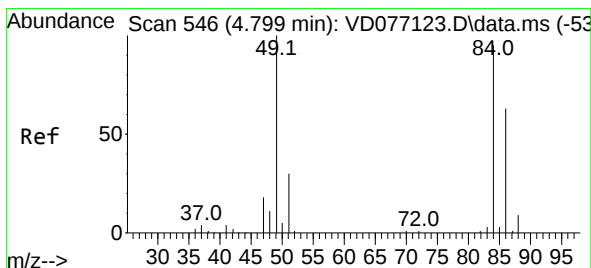
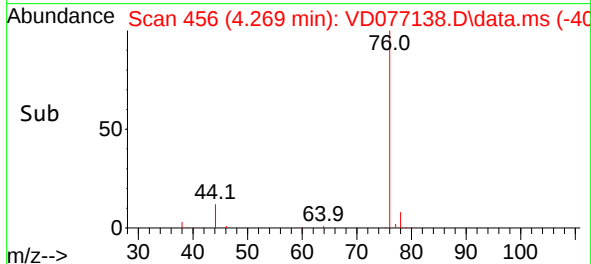
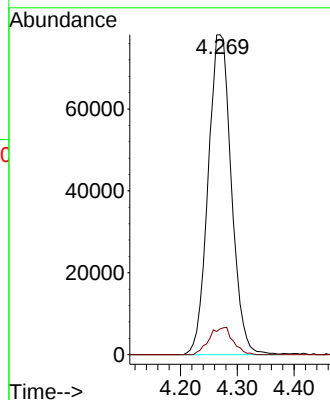
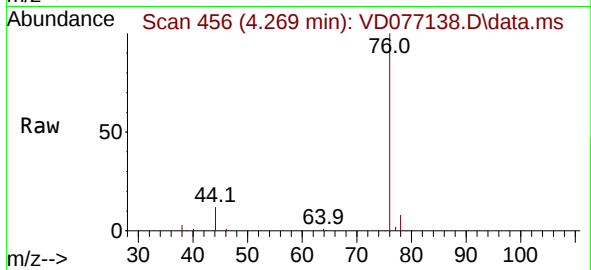




#17
Carbon Disulfide
Concen: 53.845 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077138.D
Acq: 18 Sep 2023 19:08

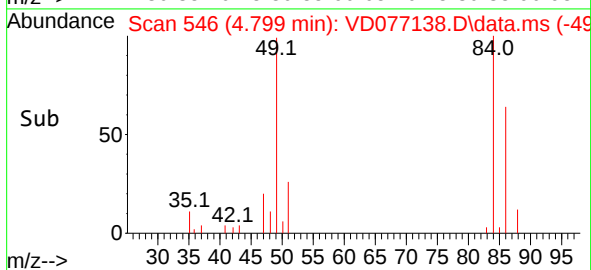
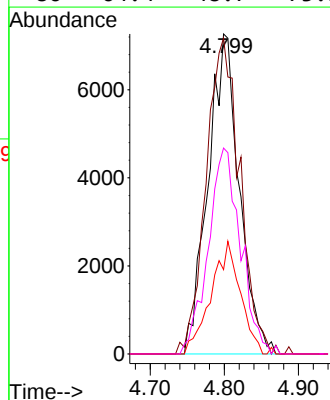
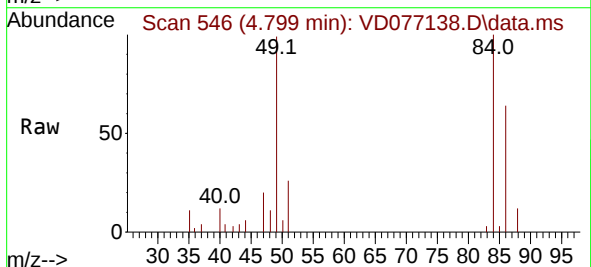
Instrument :
MSVOA_D
ClientSampleId :
B103-01(19.5-20)

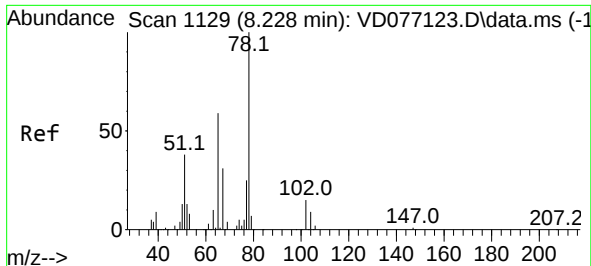
Tgt Ion: 76 Resp: 221590
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#20
Methylene Chloride
Concen: 7.968 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077138.D
Acq: 18 Sep 2023 19:08

Tgt Ion: 84 Resp: 21297
Ion Ratio Lower Upper
84 100
49 98.7 71.4 107.2
51 26.3 24.5 36.7
86 64.4 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 66.356 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077138.D

Acq: 18 Sep 2023 19:08

Instrument :

MSVOA_D

ClientSampleId :

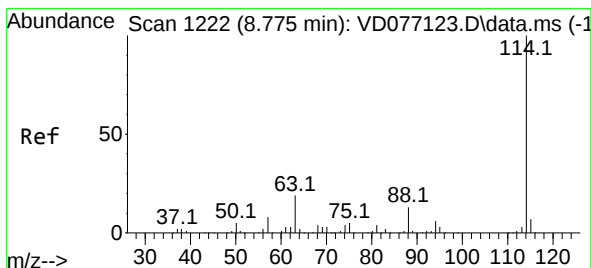
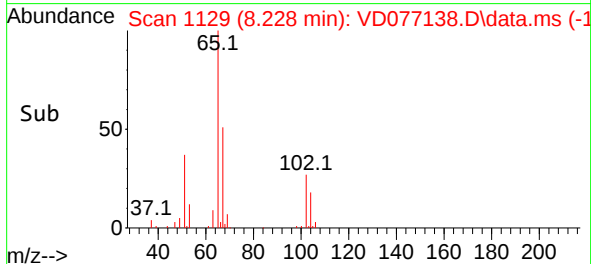
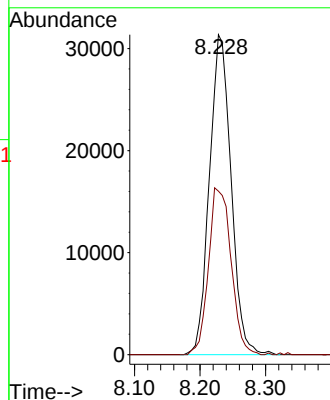
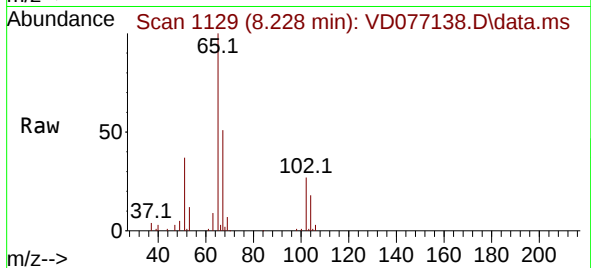
B103-01(19.5-20)

Tgt Ion: 65 Resp: 71966

Ion Ratio Lower Upper

65 100

67 54.4 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: VD077138.D

Acq: 18 Sep 2023 19:08

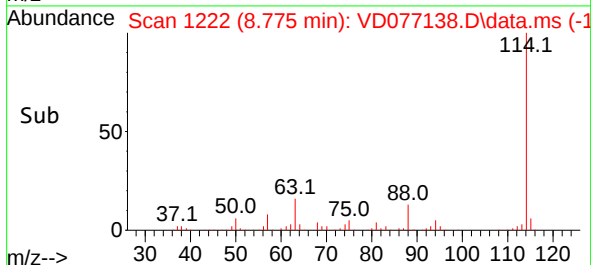
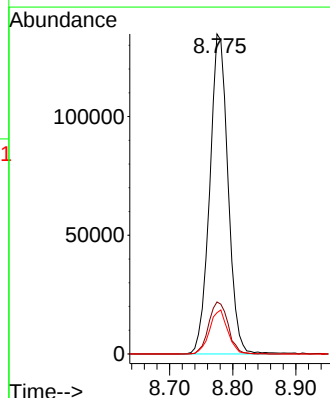
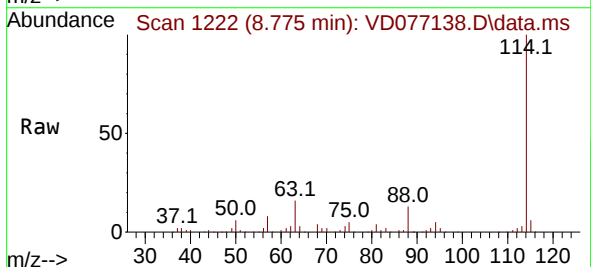
Tgt Ion: 114 Resp: 271183

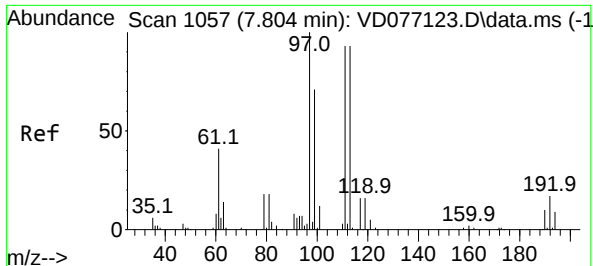
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.4

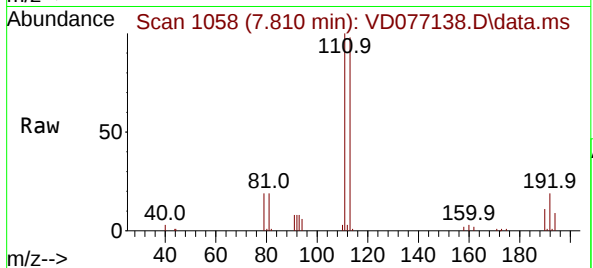
88 12.9 0.0 26.2



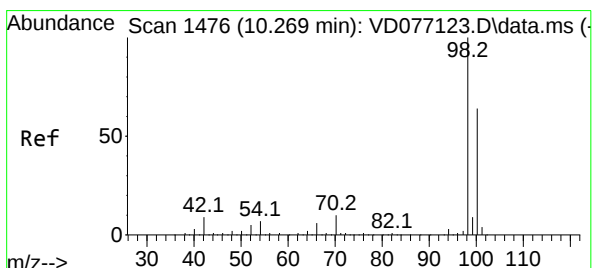
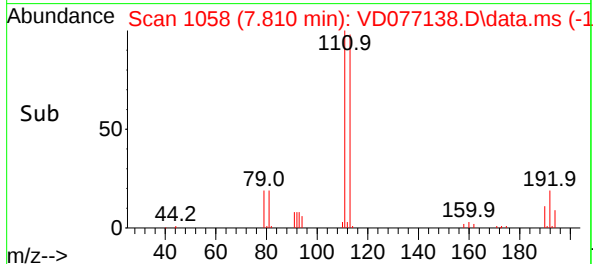
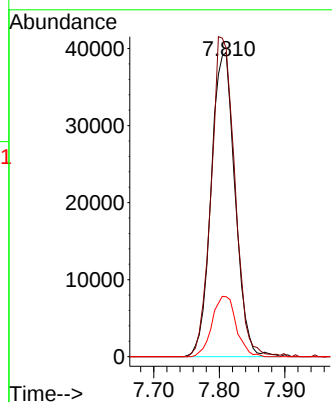


#35
 Dibromofluoromethane
 Concen: 53.010 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077138.D
 Acq: 18 Sep 2023 19:08

Instrument :
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 ClientSampleId :
 B103-01(19.5-20)

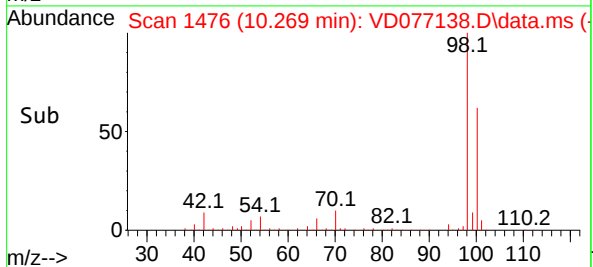
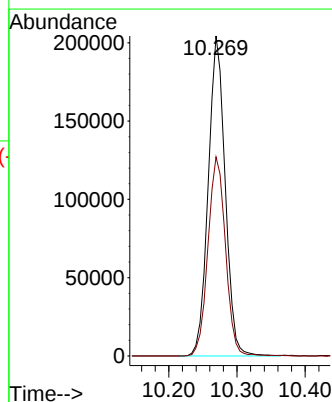
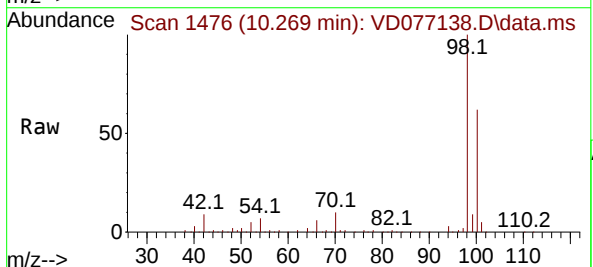


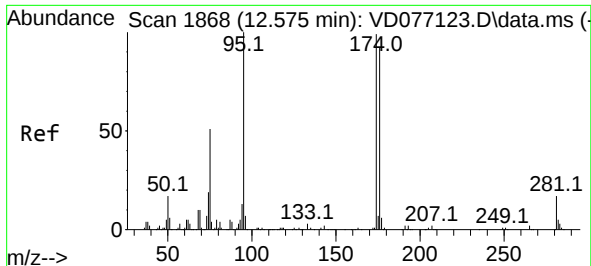
Tgt Ion:113 Resp: 99850
 Ion Ratio Lower Upper
 113 100
 111 104.2 84.7 127.1
 192 20.0 16.8 25.2



#50
 Toluene-d8
 Concen: 52.648 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD077138.D
 Acq: 18 Sep 2023 19:08

Tgt Ion: 98 Resp: 352982
 Ion Ratio Lower Upper
 98 100
 100 64.4 50.3 75.5

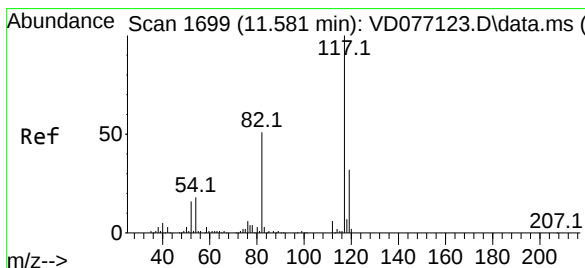
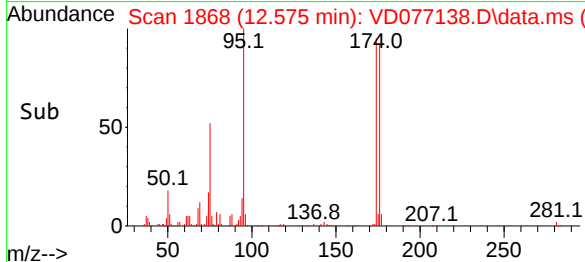
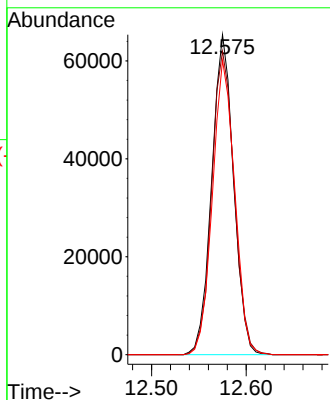
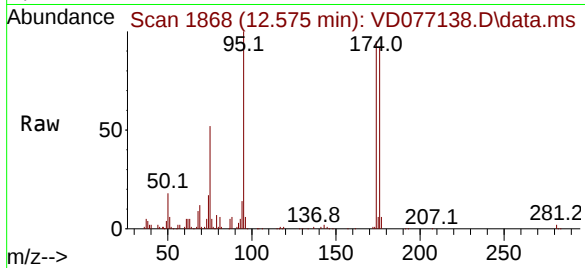




#62
4-Bromofluorobenzene
Concen: 50.511 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077138.D
Acq: 18 Sep 2023 19:08

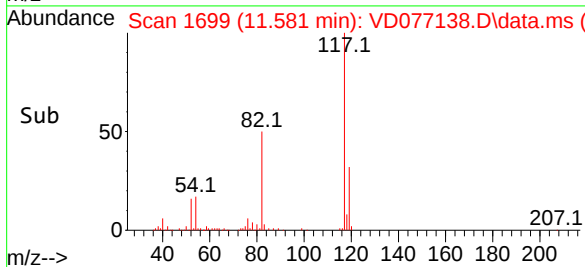
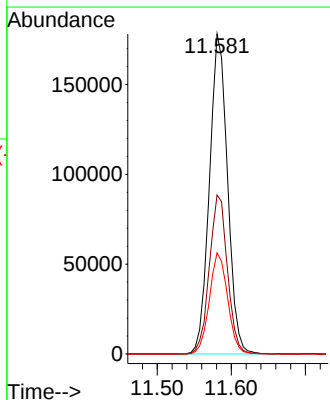
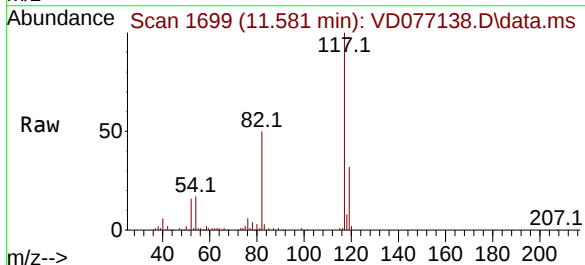
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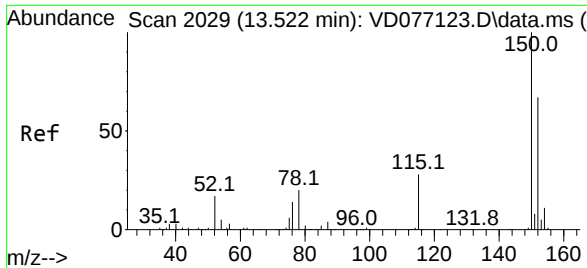
Tgt Ion: 95 Resp: 104965
Ion Ratio Lower Upper
95 100
174 97.2 0.0 201.8
176 93.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077138.D
Acq: 18 Sep 2023 19:08

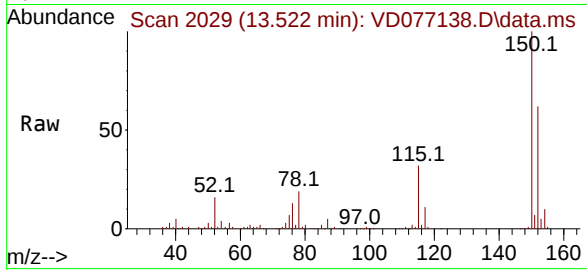
Tgt Ion: 117 Resp: 301741
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 31.6 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077138.D
 Acq: 18 Sep 2023 19:08

Instrument :
 MSVOA_D
 ClientSampleId :
 B103-01(19.5-20)



Tgt Ion:152 Resp: 118096
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.1 81.3
 150 155.5 0.0 353.6

