

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077394.D
 Acq On : 24 Oct 2023 15:00
 Operator : JC/SY
 Sample : 05011-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200027

Quant Time: Oct 25 04:05:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

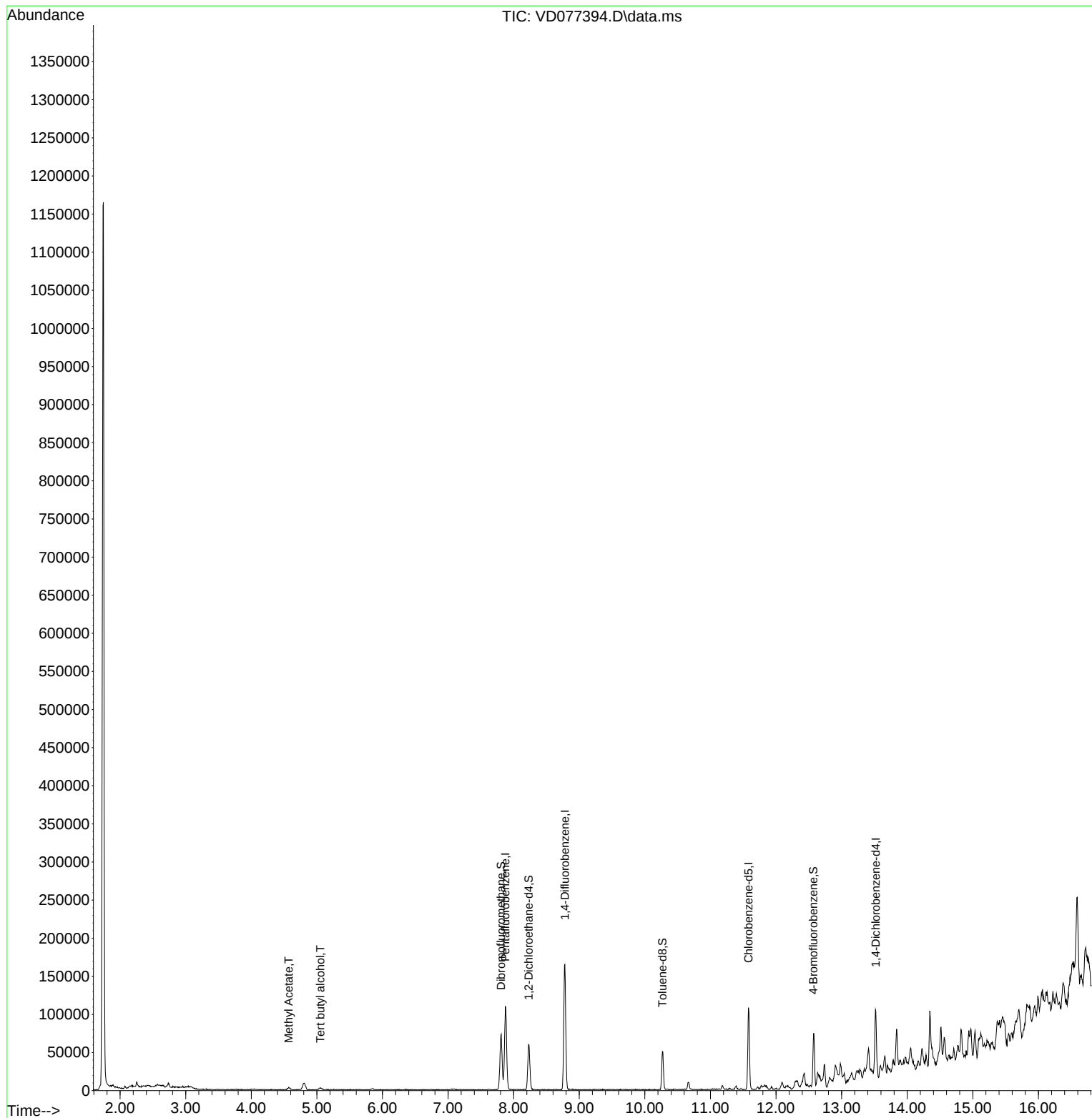
Internal Standards						
1) Pentafluorobenzene	7.875	168	85654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	160205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	68151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	24952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46761	61.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.280%
35) Dibromofluoromethane	7.810	113	53374	47.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.840%
50) Toluene-d8	10.269	98	37475	9.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.600%#
62) 4-Bromofluorobenzene	12.569	95	18908	16.296	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	32.600%
Target Compounds						
11) Tert butyl alcohol	5.051	59	4308	100.128	ug/l #	77
18) Methyl Acetate	4.569	43	4776	8.182	ug/l #	88

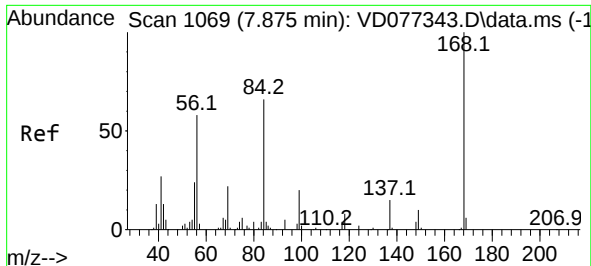
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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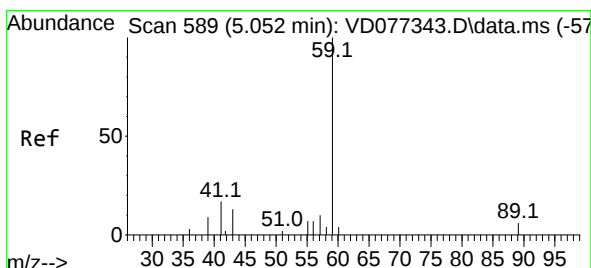
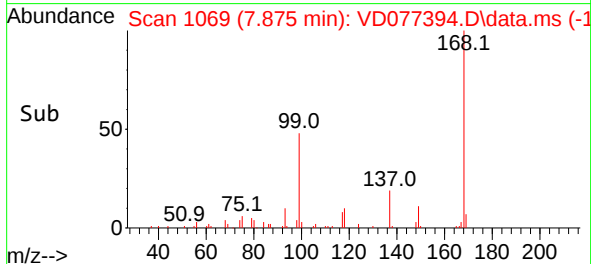
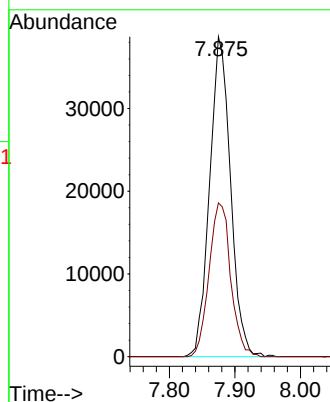
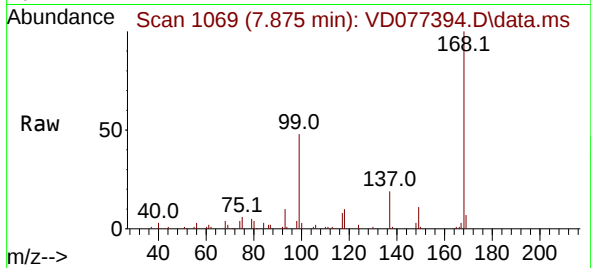




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077394.D
Acq: 24 Oct 2023 15:00

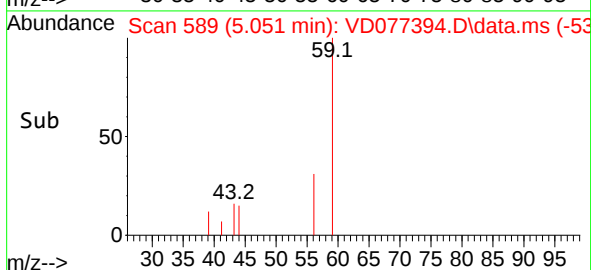
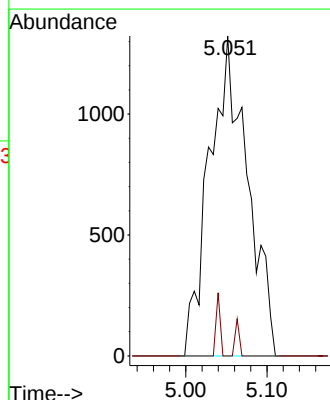
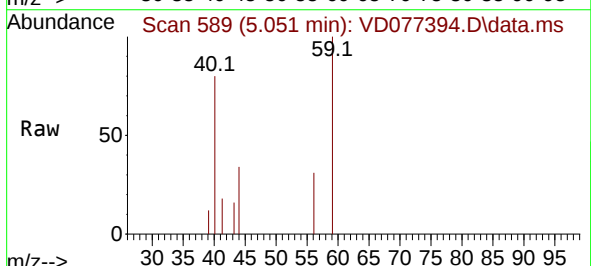
Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

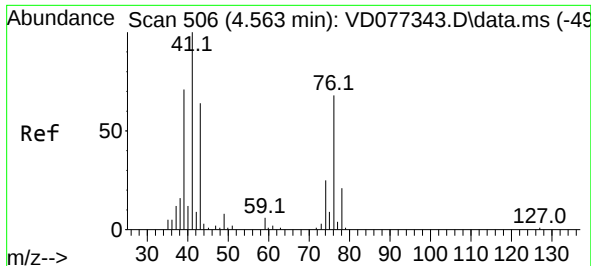
Tgt Ion:168 Resp: 85654
Ion Ratio Lower Upper
168 100
99 48.0 36.7 55.1



#11
Tert butyl alcohol
Concen: 100.128 ug/l
RT: 5.051 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD077394.D
Acq: 24 Oct 2023 15:00

Tgt Ion: 59 Resp: 4308
Ion Ratio Lower Upper
59 100
57 1.3 7.8 11.8#

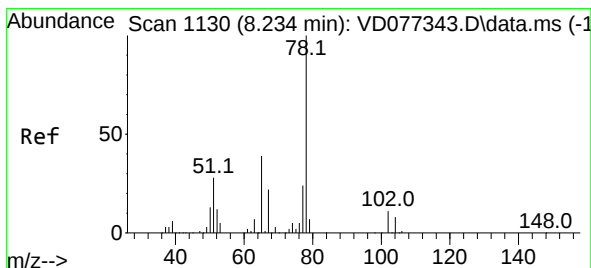
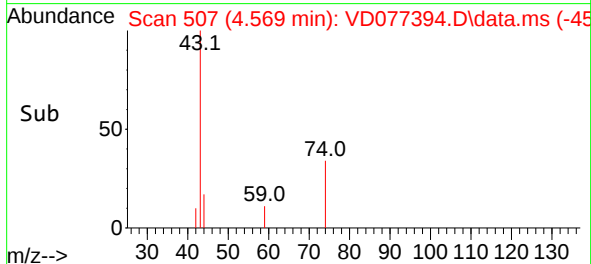
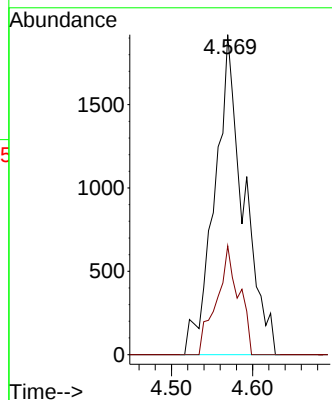
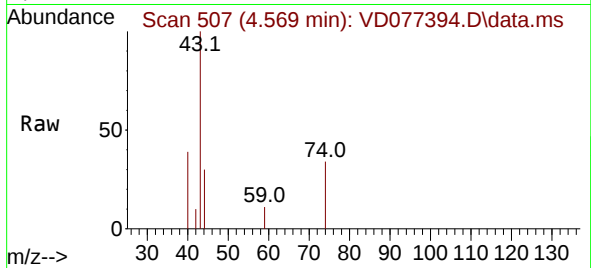




#18
Methyl Acetate
Concen: 8.182 ug/l
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077394.D
Acq: 24 Oct 2023 15:00

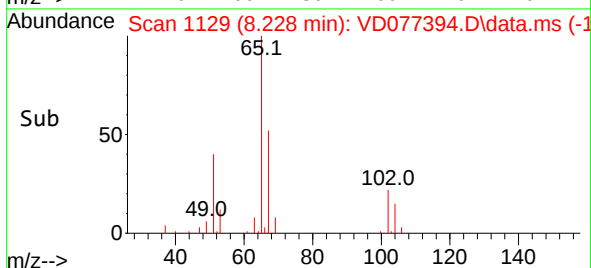
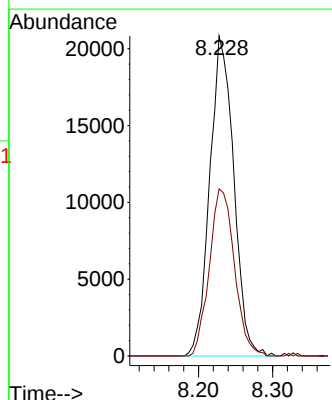
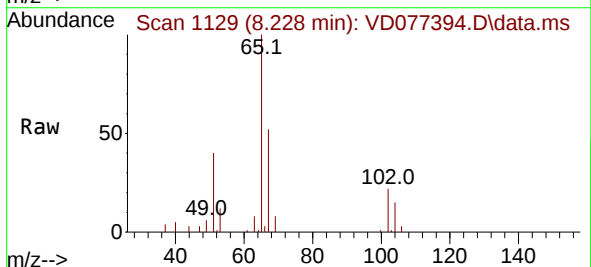
Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

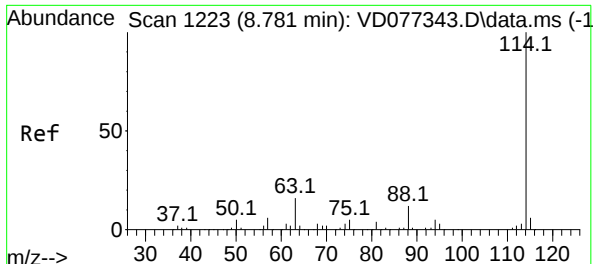
Tgt Ion: 43 Resp: 4776
Ion Ratio Lower Upper
43 100
74 26.2 26.4 39.6#



#33
1,2-Dichloroethane-d4
Concen: 61.138 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077394.D
Acq: 24 Oct 2023 15:00

Tgt Ion: 65 Resp: 46761
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077394.D

Acq: 24 Oct 2023 15:00

Instrument :

MSVOA_D

ClientSampleId :

RBR-200027

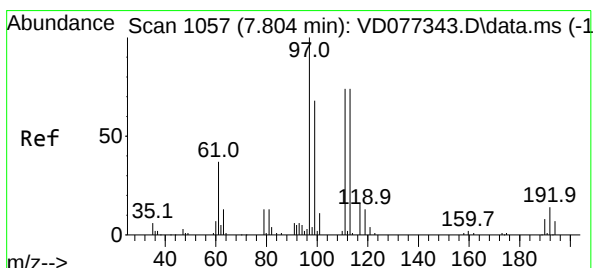
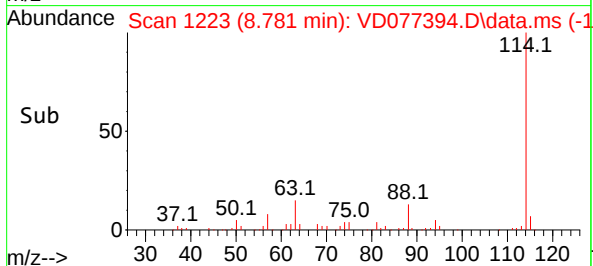
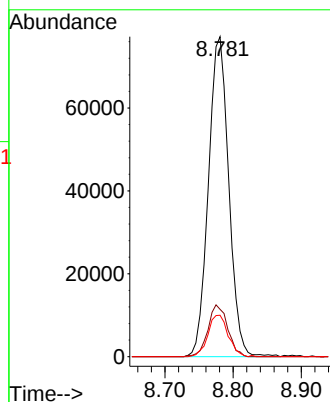
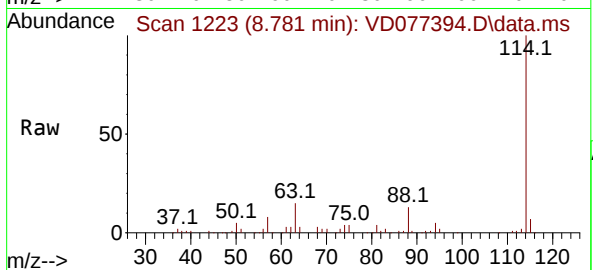
Tgt Ion:114 Resp: 160205

Ion Ratio Lower Upper

114 100

63 14.8 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.422 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077394.D

Acq: 24 Oct 2023 15:00

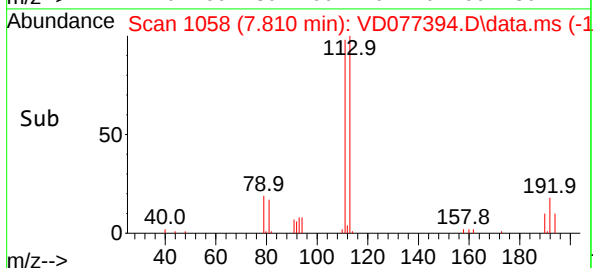
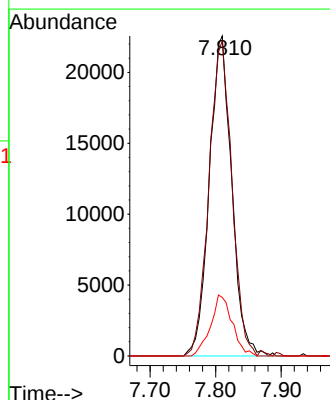
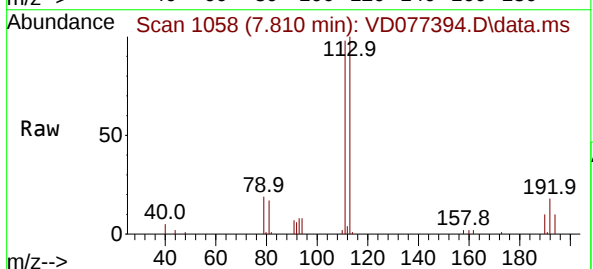
Tgt Ion:113 Resp: 53374

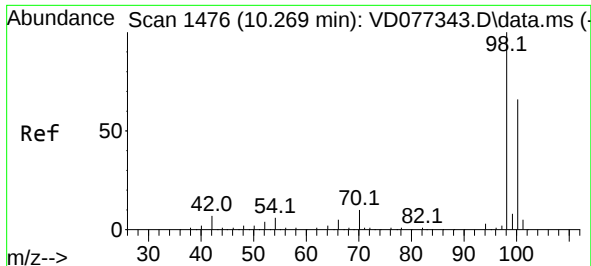
Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 18.5 16.8 25.2

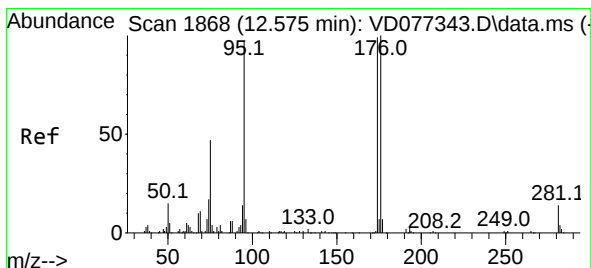
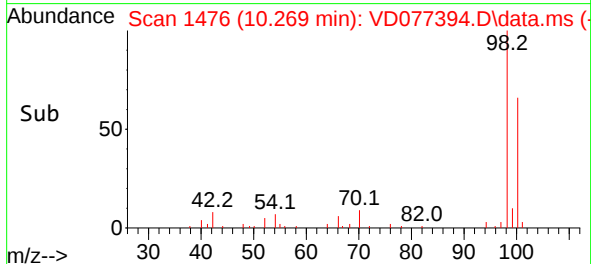
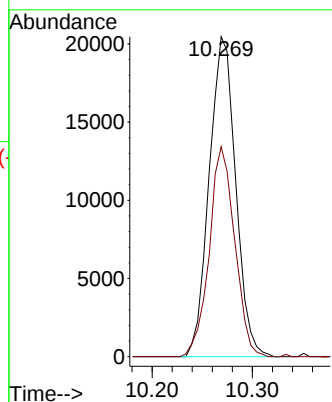
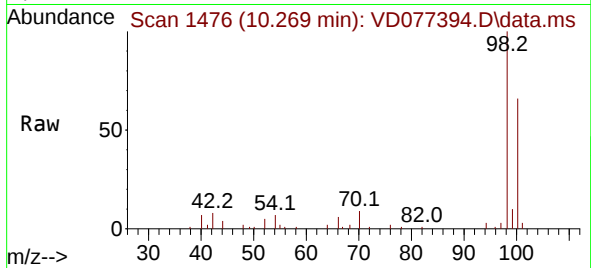




#50
Toluene-d8
Concen: 9.297 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077394.D
Acq: 24 Oct 2023 15:00

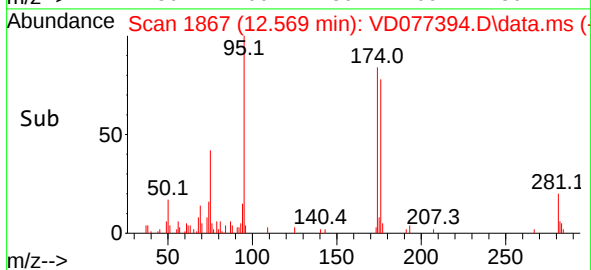
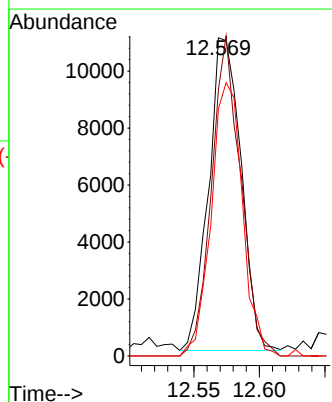
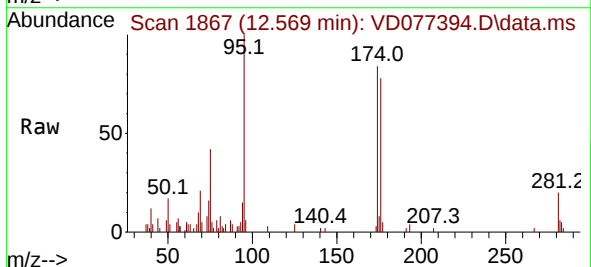
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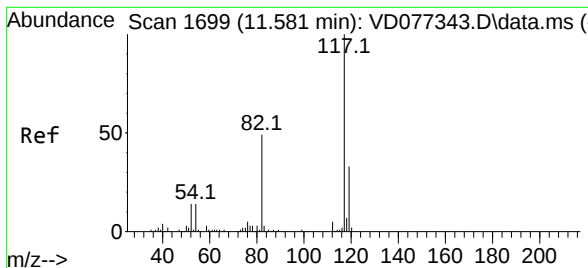
Tgt Ion: 98 Resp: 37475
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 16.296 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077394.D
Acq: 24 Oct 2023 15:00

Tgt Ion: 95 Resp: 18908
Ion Ratio Lower Upper
95 100
174 91.8 0.0 201.8
176 83.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077394.D

Acq: 24 Oct 2023 15:00

Instrument :

MSVOA_D

ClientSampleId :

RBR-200027

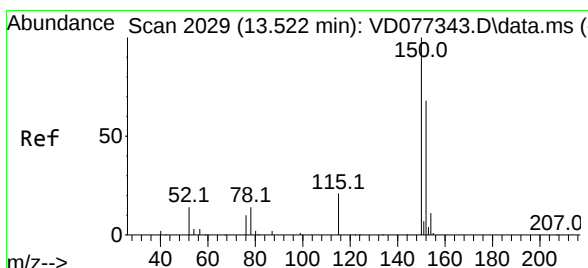
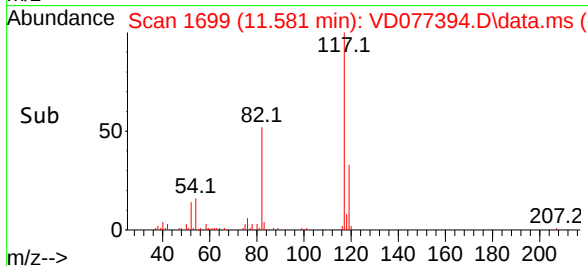
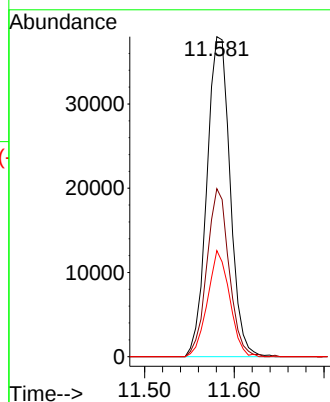
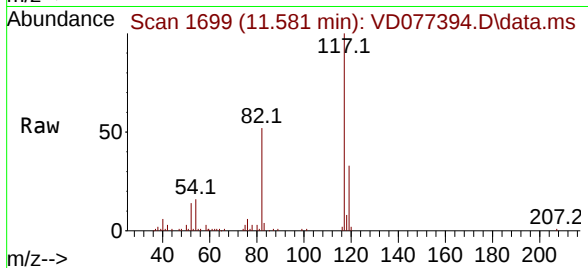
Tgt Ion:117 Resp: 68151

Ion Ratio Lower Upper

117 100

82 52.5 38.3 57.5

119 33.2 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD077394.D

Acq: 24 Oct 2023 15:00

Tgt Ion:152 Resp: 24952

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 154.3 0.0 353.6

