

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075104.D
 Acq On : 10 Jan 2023 14:02
 Operator : KP/SY
 Sample : 01080-05
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3-(15-17)

Quant Time: Jan 11 01:49:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

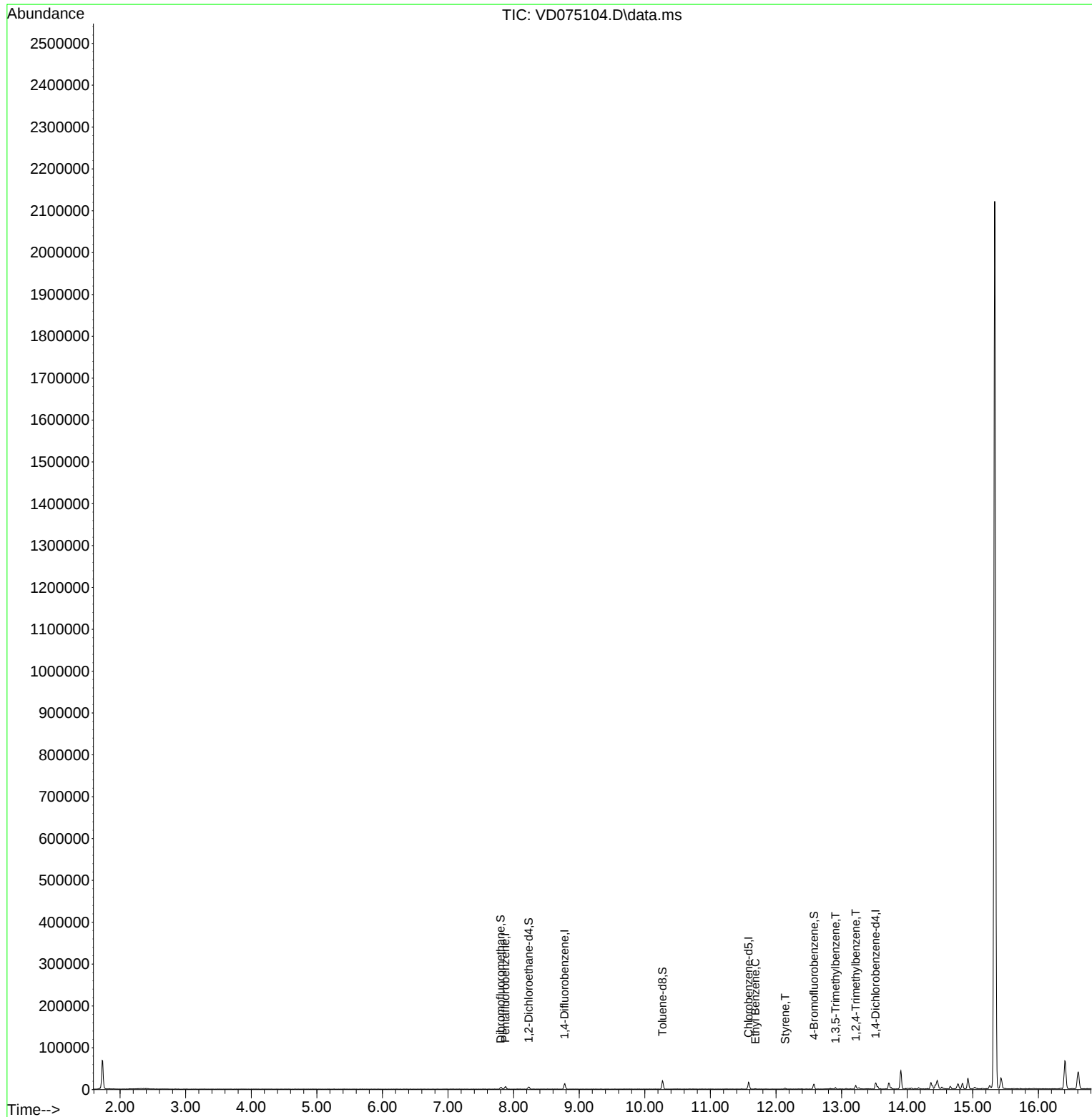
Internal Standards						
1) Pentafluorobenzene	7.875	168	5135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	10013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	3907	75.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.780%
35) Dibromofluoromethane	7.799	113	3762	53.865	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.269	98	13308	48.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.581	95	4801	54.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.020%
Target Compounds						
						Qvalue
67) Ethyl Benzene	11.687	91	986	2.938	ug/l	99
70) Styrene	12.140	104	1179	5.627	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	1978	7.559	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	4504	17.810	ug/l	97

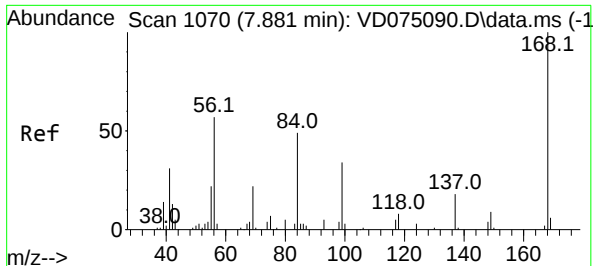
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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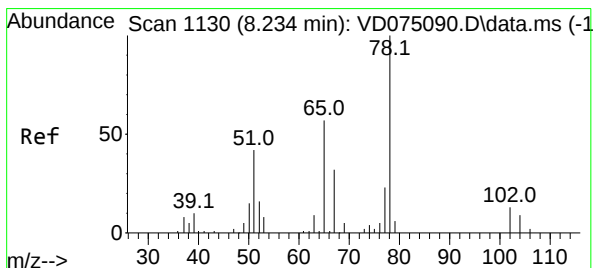
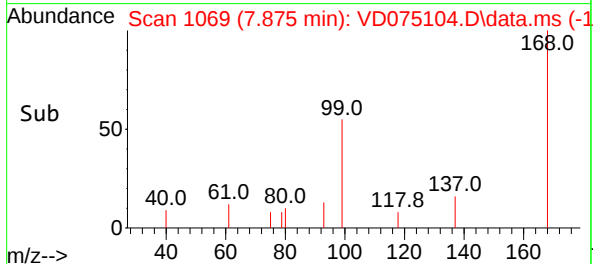
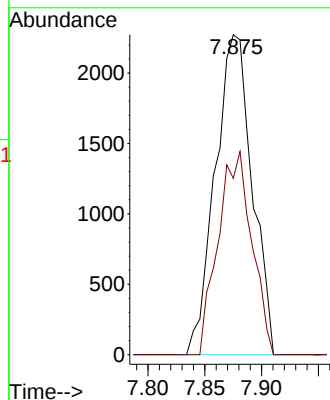
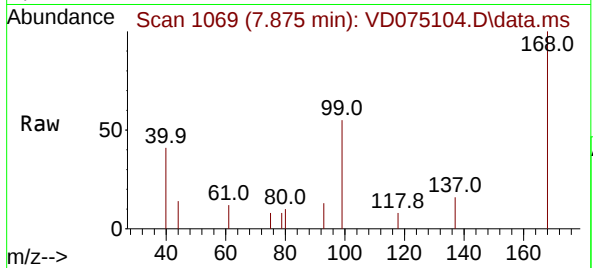




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD075104.D
Acq: 10 Jan 2023 14:02

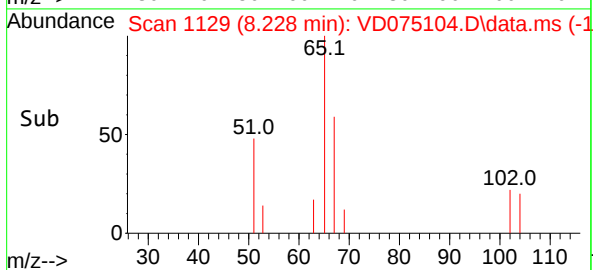
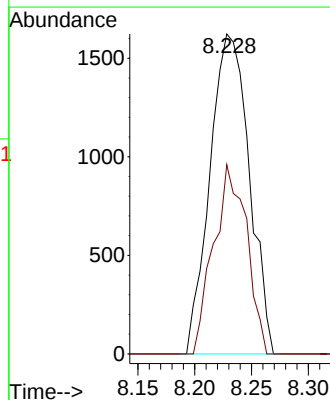
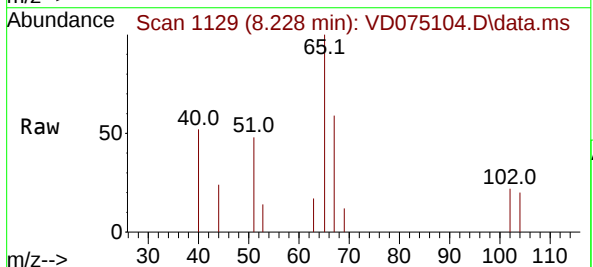
Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

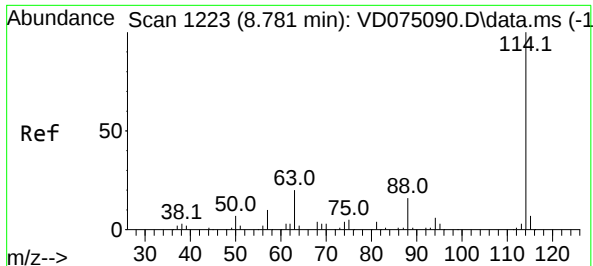
Tgt Ion:168 Resp: 5135
Ion Ratio Lower Upper
168 100
99 55.1 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 75.892 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075104.D
Acq: 10 Jan 2023 14:02

Tgt Ion: 65 Resp: 3907
Ion Ratio Lower Upper
65 100
67 49.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11103

Delta R.T. -0.006 min

Lab File: VD075104.D

Acq: 10 Jan 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

B-3-(15-17)

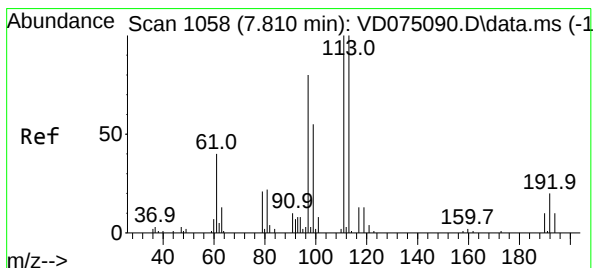
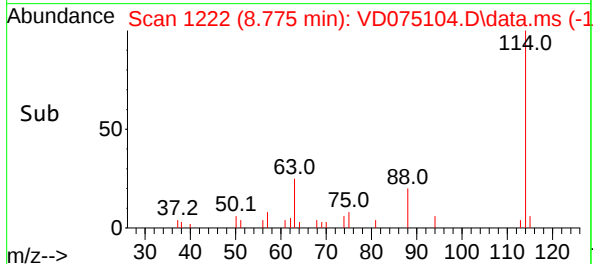
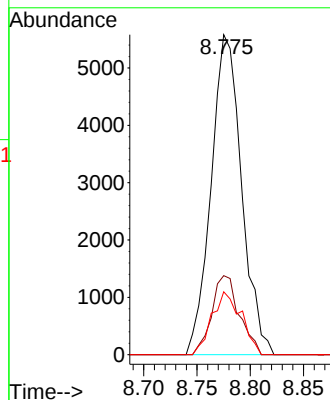
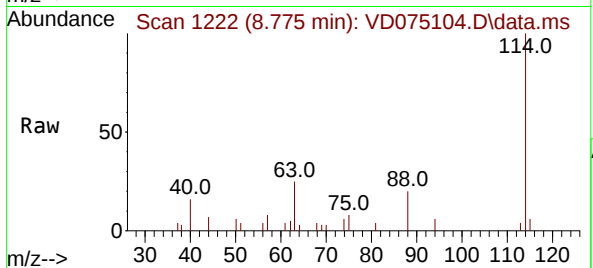
Tgt Ion:114 Resp: 11103

Ion Ratio Lower Upper

114 100

63 24.7 0.0 40.0

88 19.7 0.0 31.2



#35

Dibromofluoromethane

Concen: 53.865 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.012 min

Lab File: VD075104.D

Acq: 10 Jan 2023 14:02

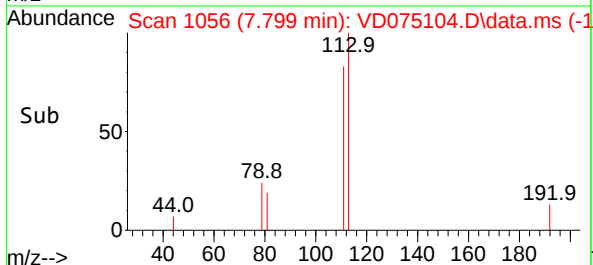
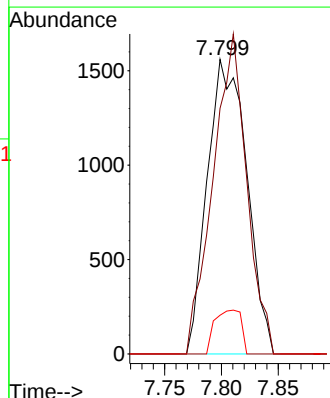
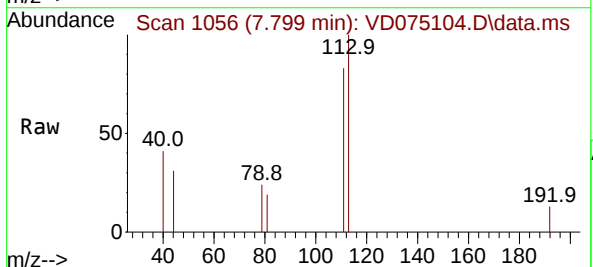
Tgt Ion:113 Resp: 3762

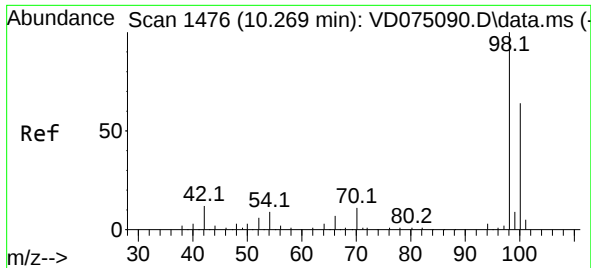
Ion Ratio Lower Upper

113 100

111 93.2 83.2 124.8

192 10.0 15.0 22.6#

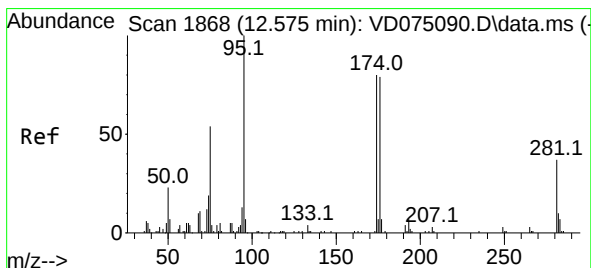
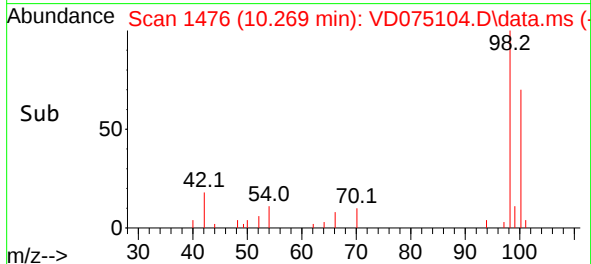
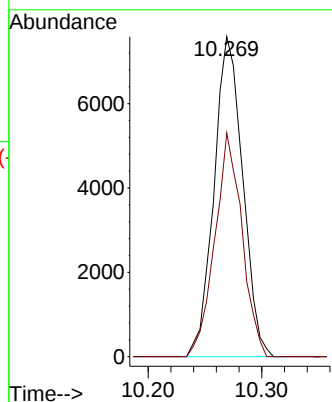
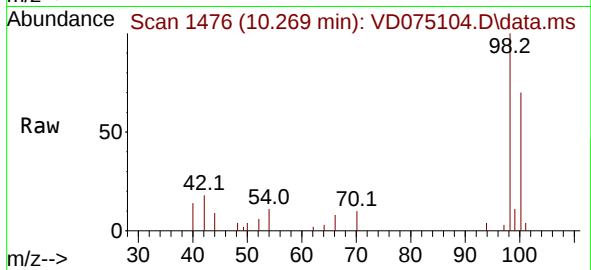




#50
Toluene-d8
Concen: 48.057 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075104.D
Acq: 10 Jan 2023 14:02

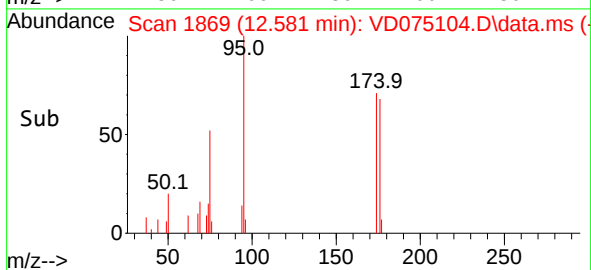
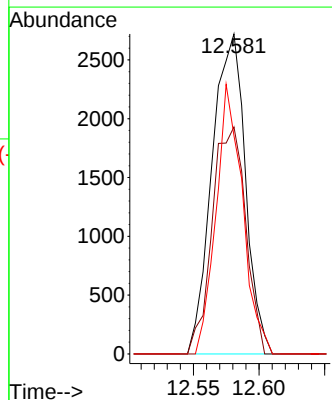
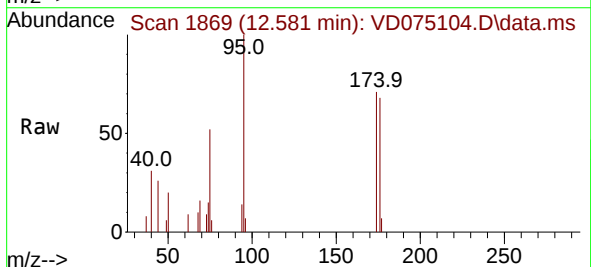
Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

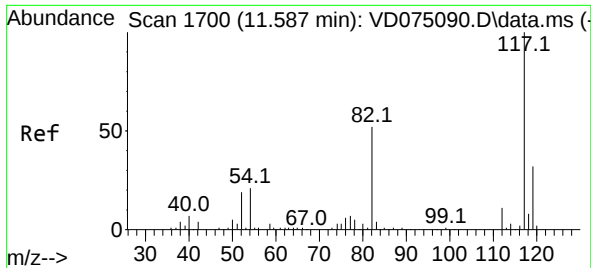
Tgt Ion: 98 Resp: 13308
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.014 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075104.D
Acq: 10 Jan 2023 14:02

Tgt Ion: 95 Resp: 4801
Ion Ratio Lower Upper
95 100
174 71.3 0.0 168.4
176 67.2 0.0 163.8

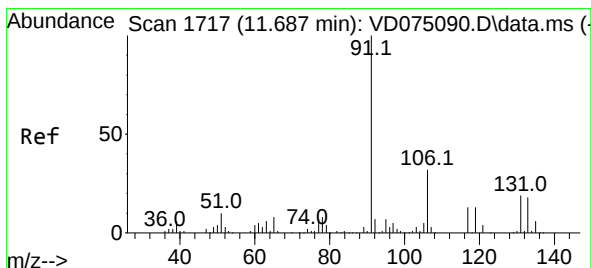
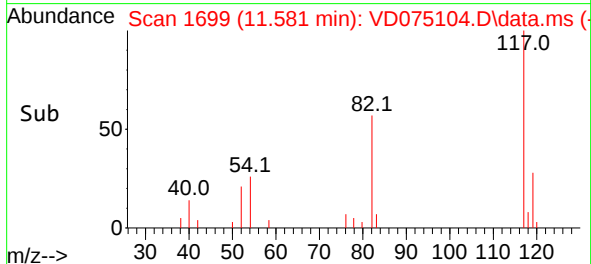
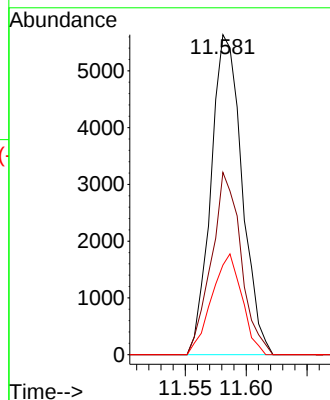
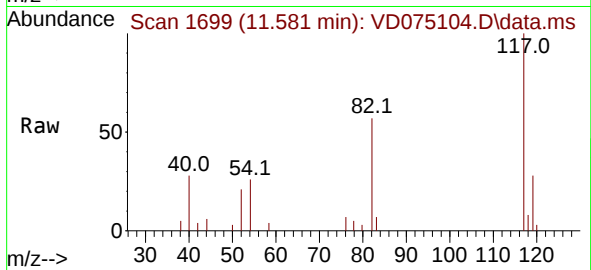




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075104.D
Acq: 10 Jan 2023 14:02

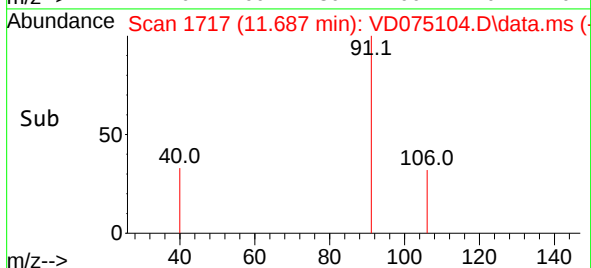
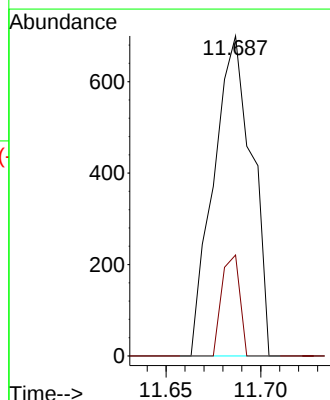
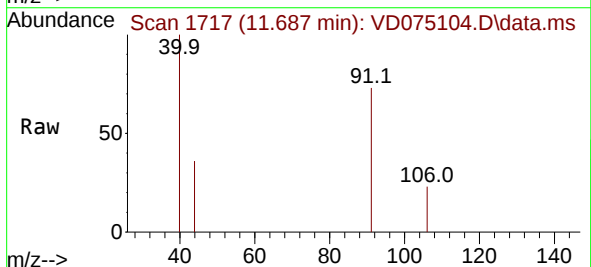
Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

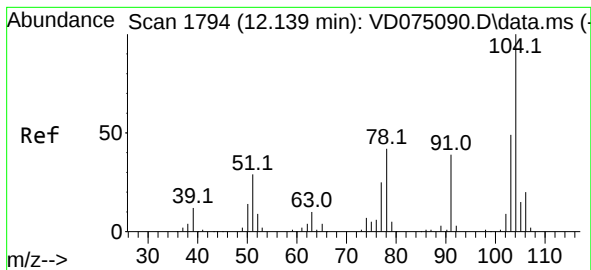
Tgt Ion:117 Resp: 10013
Ion Ratio Lower Upper
117 100
82 56.9 41.3 61.9
119 28.0 25.8 38.6



#67
Ethyl Benzene
Concen: 2.938 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075104.D
Acq: 10 Jan 2023 14:02

Tgt Ion: 91 Resp: 986
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.6





#70

Styrene

Concen: 5.627 ug/l

RT: 12.140 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD075104.D

Acq: 10 Jan 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

B-3-(15-17)

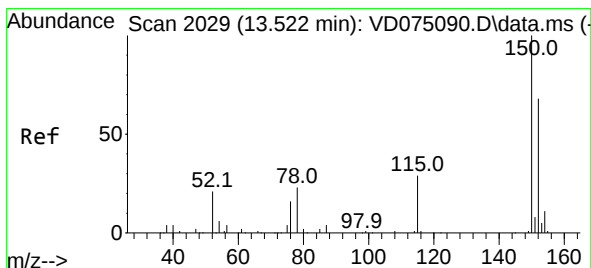
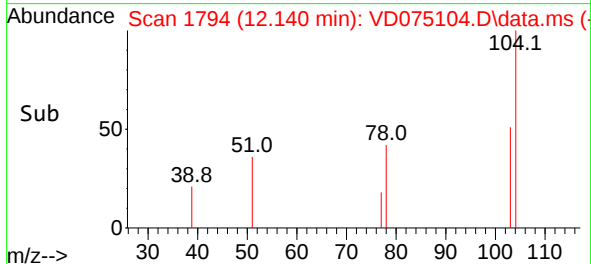
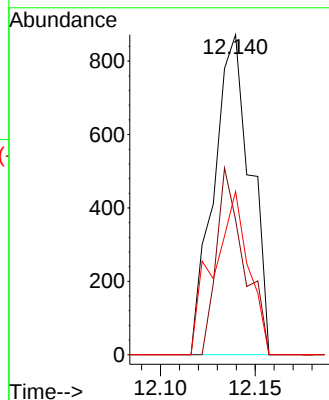
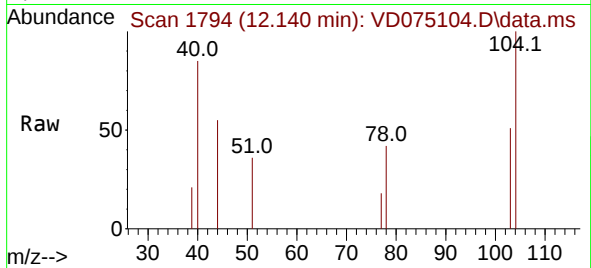
Tgt Ion:104 Resp: 1179

Ion Ratio Lower Upper

104 100

78 43.7 38.2 57.2

103 49.3 43.9 65.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD075104.D

Acq: 10 Jan 2023 14:02

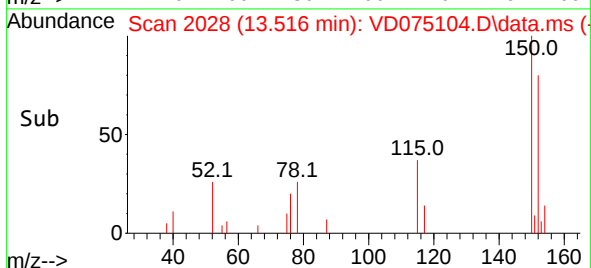
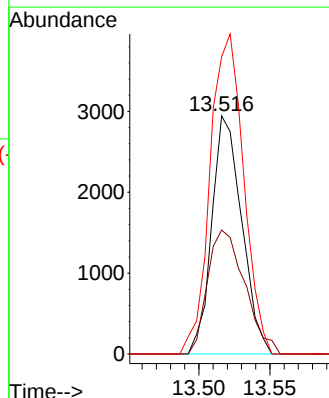
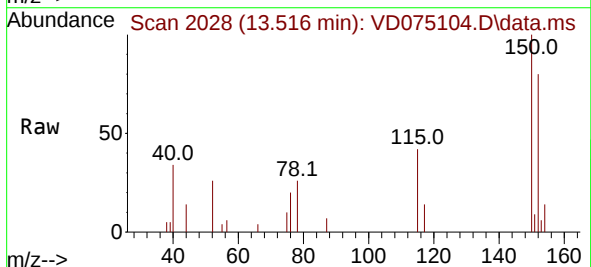
Tgt Ion:152 Resp: 4314

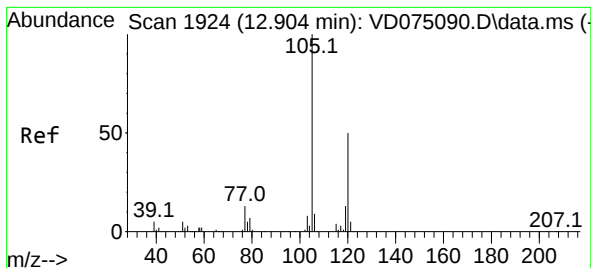
Ion Ratio Lower Upper

152 100

115 64.5 28.7 86.1

150 150.4 0.0 343.2





#80

1,3,5-Trimethylbenzene

Concen: 7.559 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075104.D

Acq: 10 Jan 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

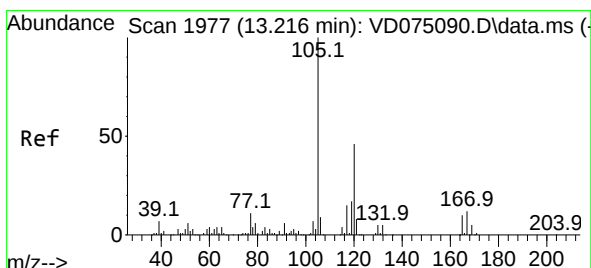
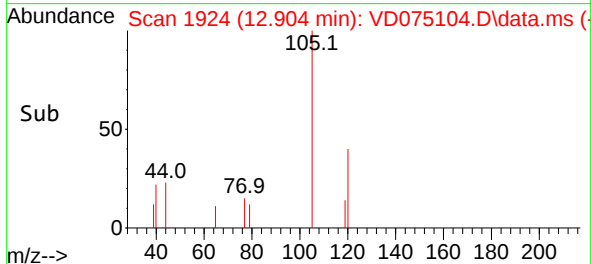
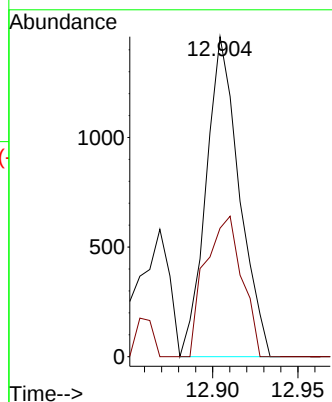
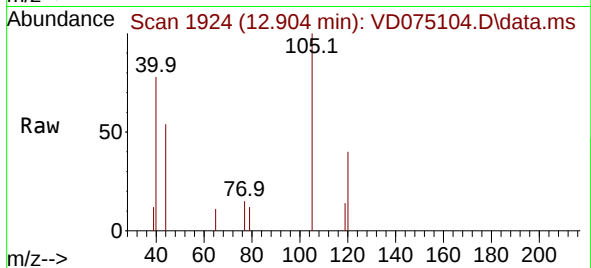
B-3-(15-17)

Tgt Ion:105 Resp: 1978

Ion Ratio Lower Upper

105 100

120 48.6 24.8 74.3



#84

1,2,4-Trimethylbenzene

Concen: 17.810 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075104.D

Acq: 10 Jan 2023 14:02

Tgt Ion:105 Resp: 4504

Ion Ratio Lower Upper

105 100

120 43.3 22.8 68.4

