

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016138.D
 Acq On : 30 Oct 2023 18:12
 Operator : SY/MD
 Sample : 05138-01
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 348

Quant Time: Oct 31 01:33:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

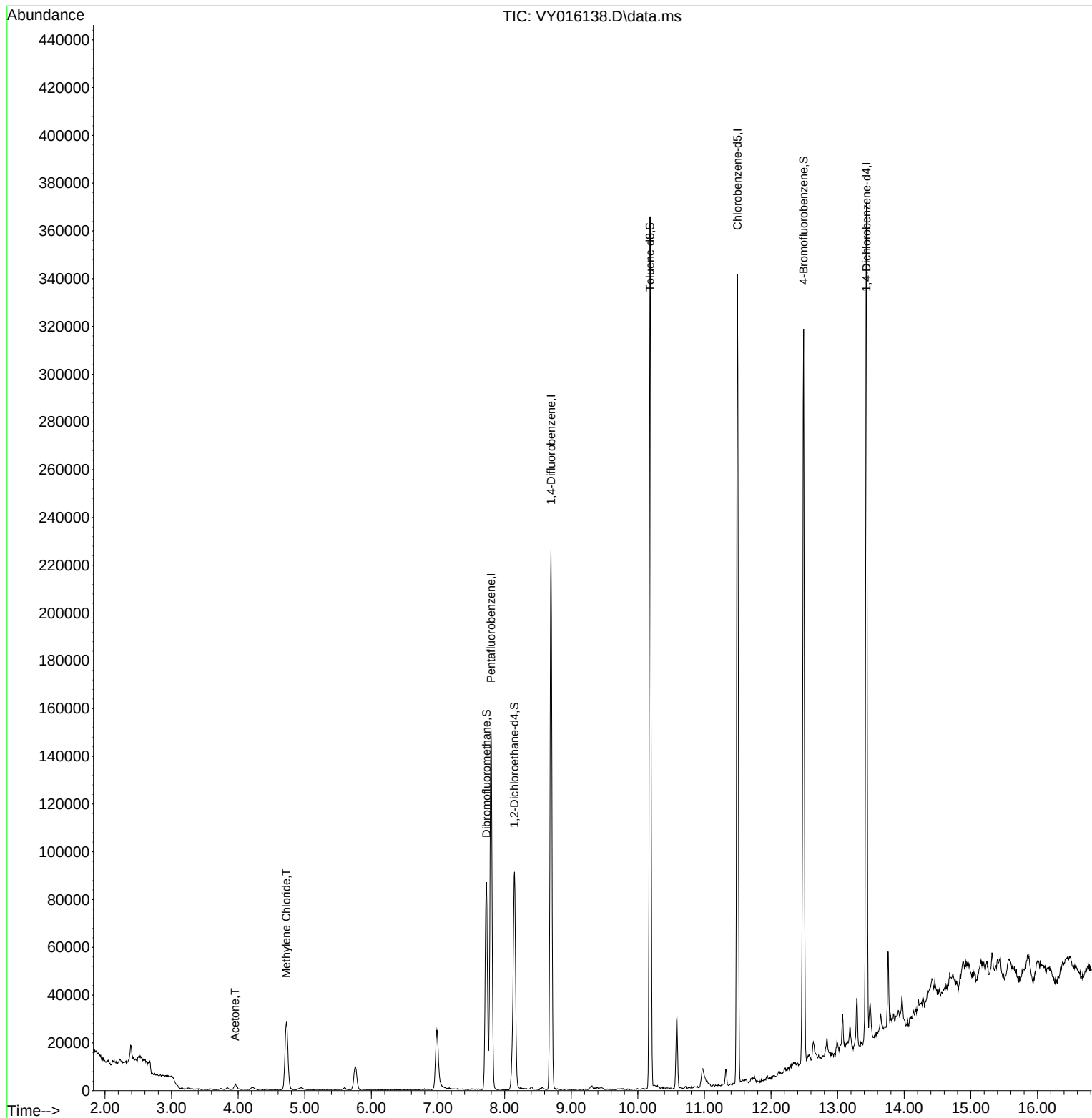
Internal Standards						
1) Pentafluorobenzene	7.795	168	118370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	187050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92135	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	69248	58.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.660%
35) Dibromofluoromethane	7.728	113	62885	50.577	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.185	98	235038	51.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.489	95	84351	53.392	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.780%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3892	12.200	ug/l	92
20) Methylene Chloride	4.722	84	22694	14.080	ug/l	90

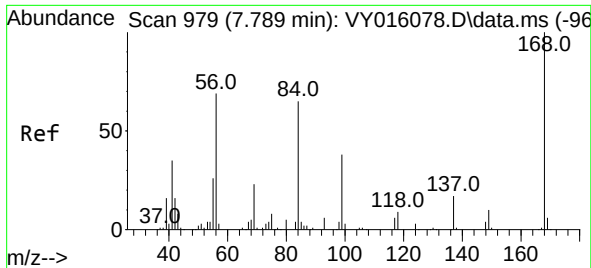
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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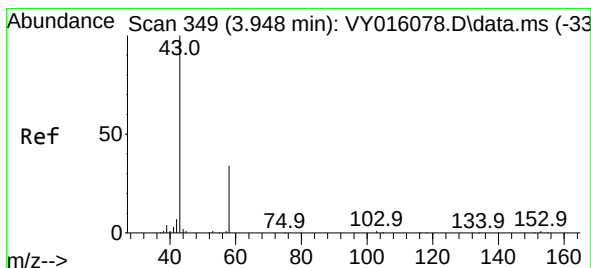
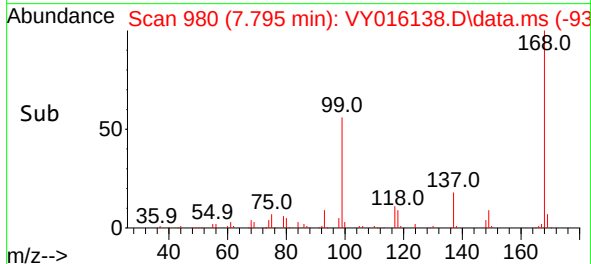
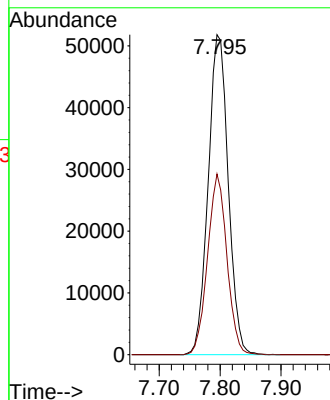
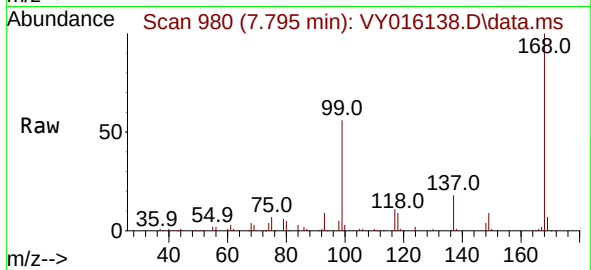




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016138.D
Acq: 30 Oct 2023 18:12

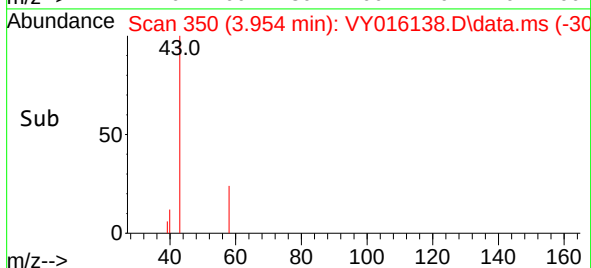
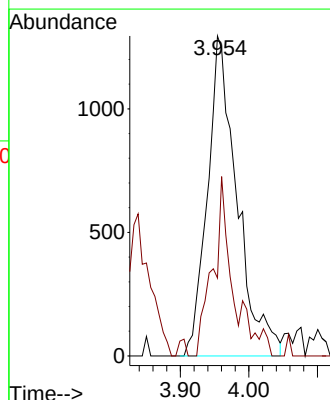
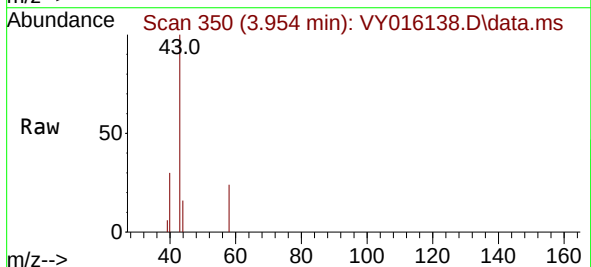
Instrument :
MSVOA_Y
ClientSampleId :
348

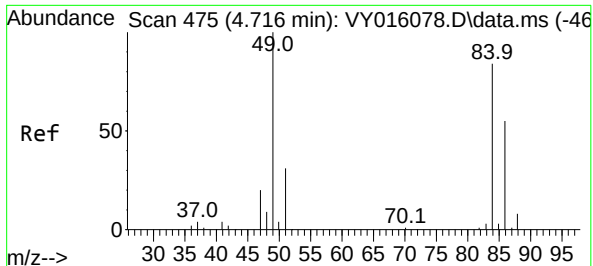
Tgt Ion:168 Resp: 118370
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#16
Acetone
Concen: 12.200 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016138.D
Acq: 30 Oct 2023 18:12

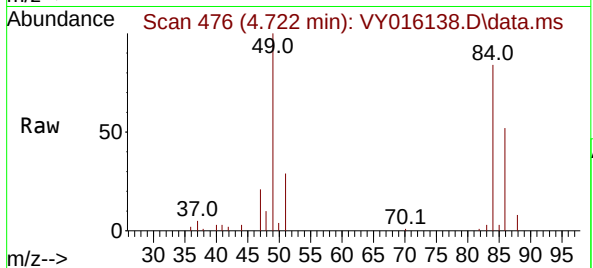
Tgt Ion: 43 Resp: 3892
Ion Ratio Lower Upper
43 100
58 24.3 22.7 34.1



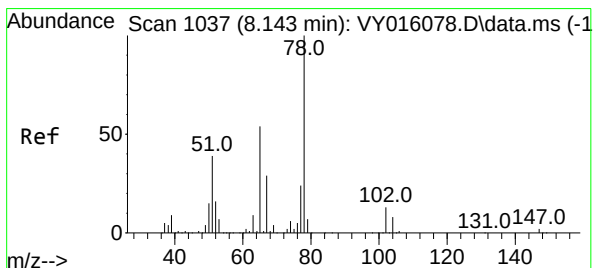
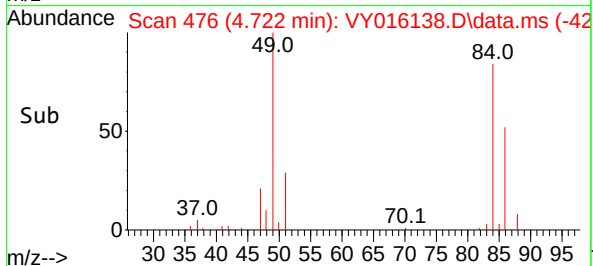
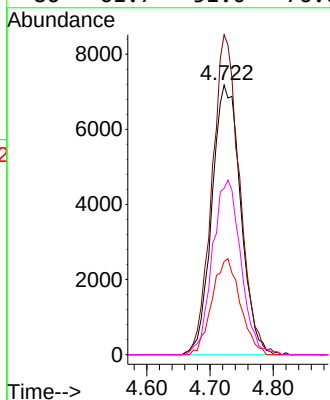


#20
Methylene Chloride
Concen: 14.080 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016138.D
Acq: 30 Oct 2023 18:12

Instrument :
MSVOA_Y
ClientSampleId :
348

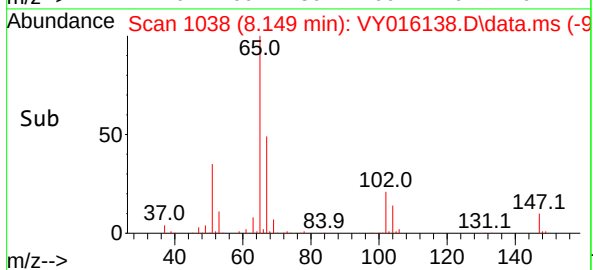
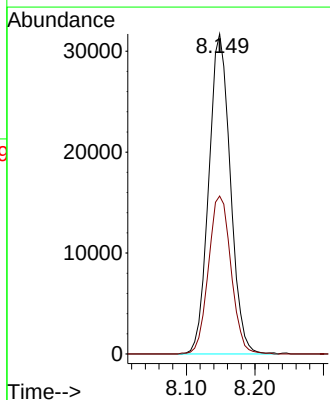
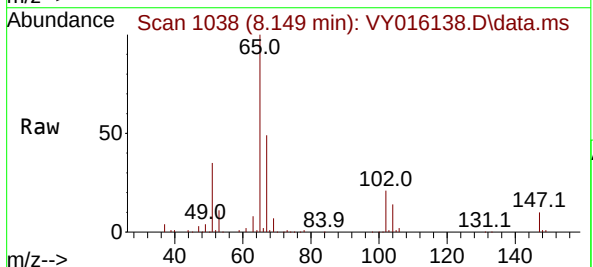


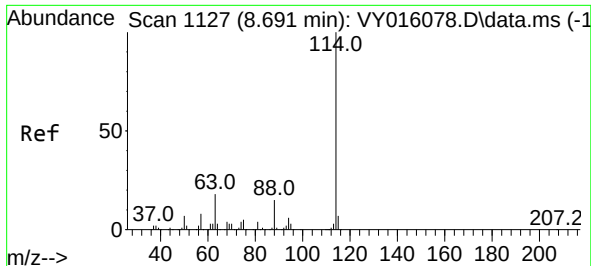
Tgt Ion:	84	Resp:	22694
Ion	Ratio	Lower	Upper
84	100		
49	118.7	106.9	160.3
51	34.6	33.2	49.8
86	61.7	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 58.833 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY016138.D
Acq: 30 Oct 2023 18:12

Tgt Ion:	65	Resp:	69248
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY016138.D

Acq: 30 Oct 2023 18:12

Instrument :

MSVOA_Y

ClientSampleId :

348

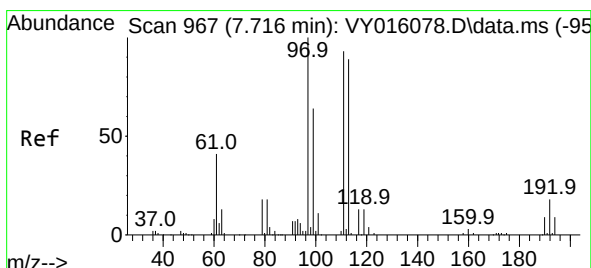
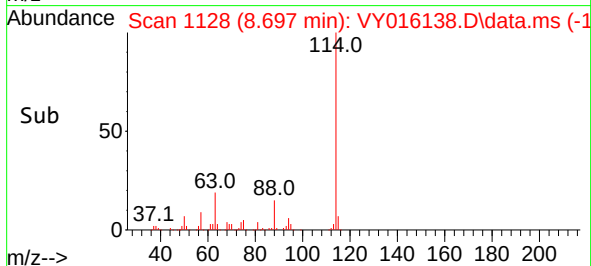
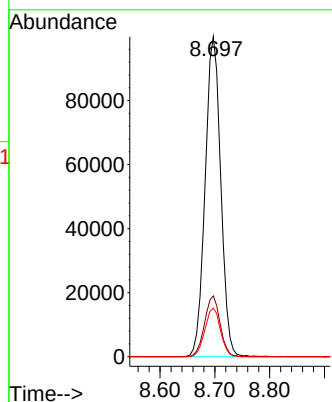
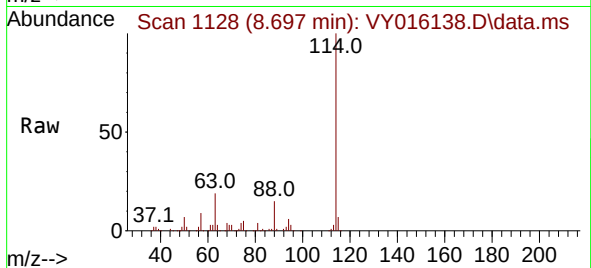
Tgt Ion:114 Resp: 196953

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.577 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY016138.D

Acq: 30 Oct 2023 18:12

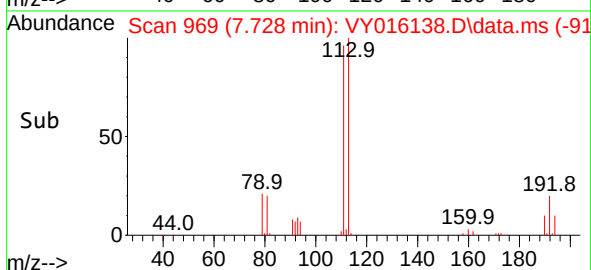
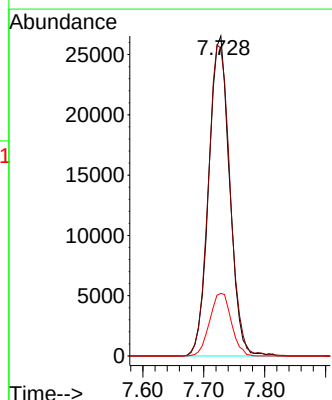
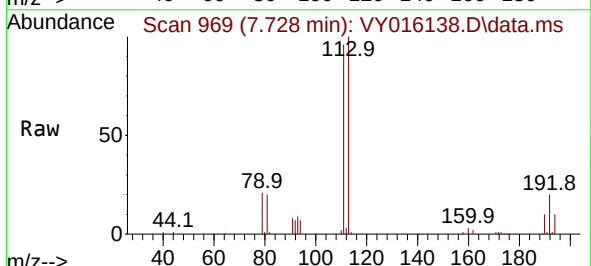
Tgt Ion:113 Resp: 62885

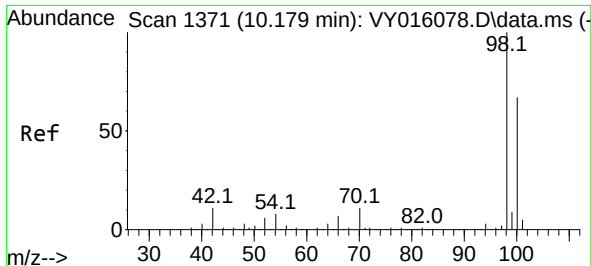
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 20.4 16.9 25.3

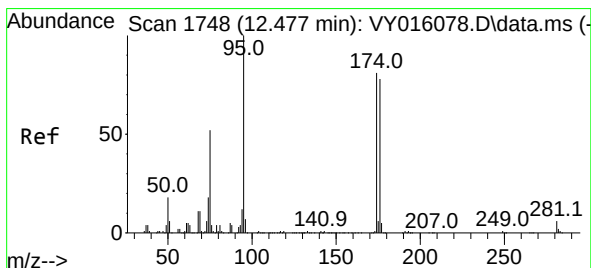
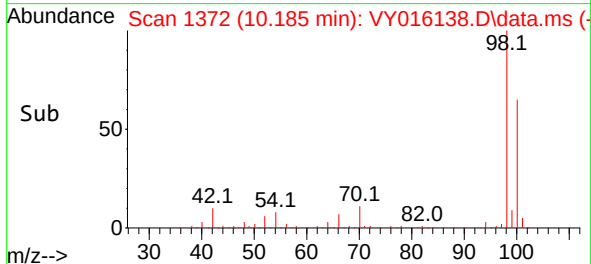
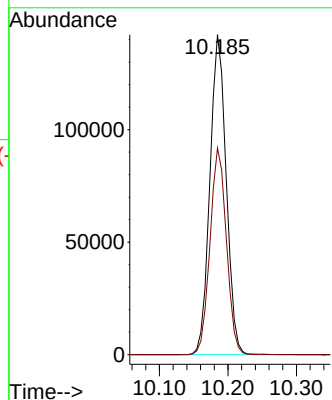
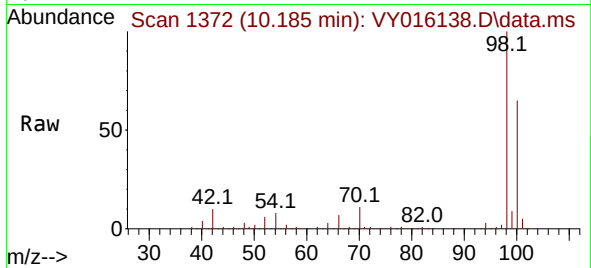




#50
Toluene-d8
Concen: 51.033 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016138.D
Acq: 30 Oct 2023 18:12

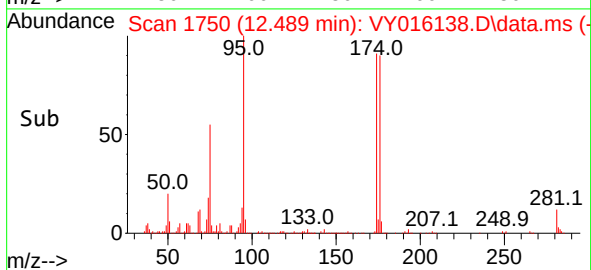
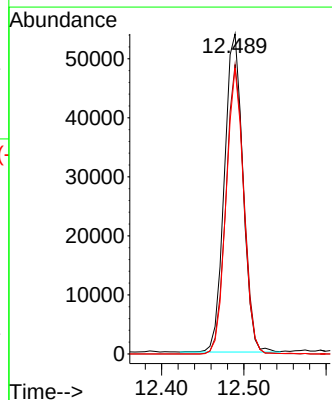
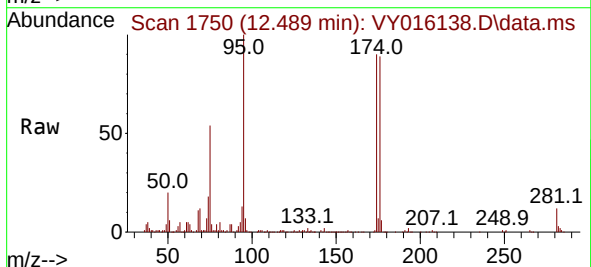
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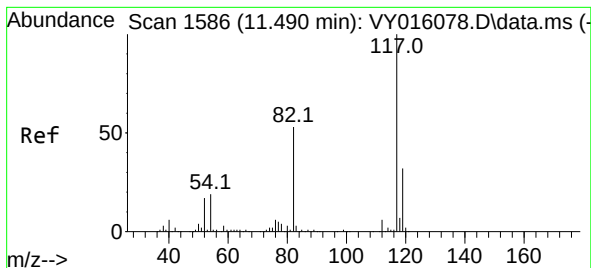
Tgt Ion: 98 Resp: 235038
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.392 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY016138.D
Acq: 30 Oct 2023 18:12

Tgt Ion: 95 Resp: 84351
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 85.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY016138.D

Acq: 30 Oct 2023 18:12

Instrument :

MSVOA_Y

ClientSampleId :

348

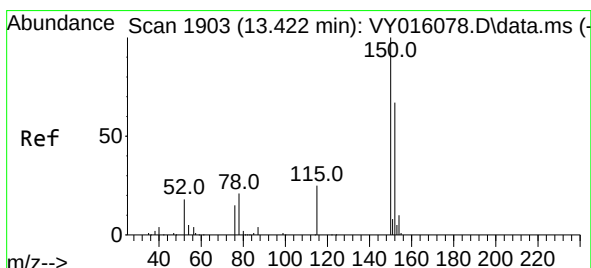
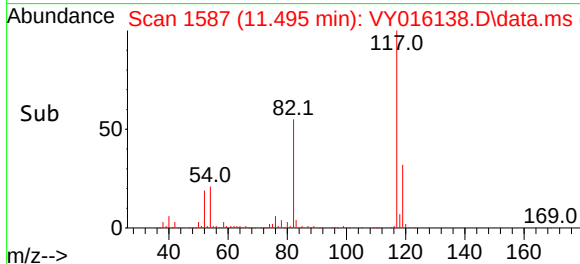
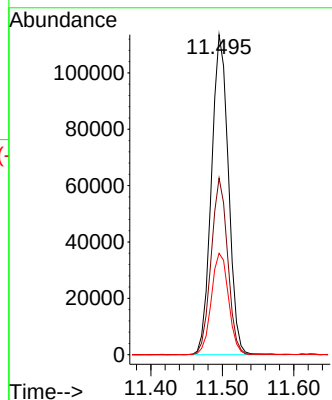
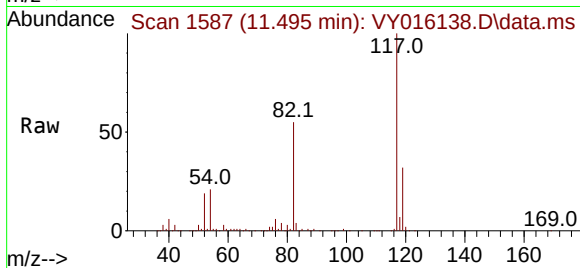
Tgt Ion:117 Resp: 187050

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY016138.D

Acq: 30 Oct 2023 18:12

Tgt Ion:152 Resp: 92135

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.2 0.0 348.8

