

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018023.D
 Acq On : 23 Apr 2024 13:37
 Operator : SY/MD
 Sample : P2225-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-042224RE

Quant Time: Apr 24 01:14:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

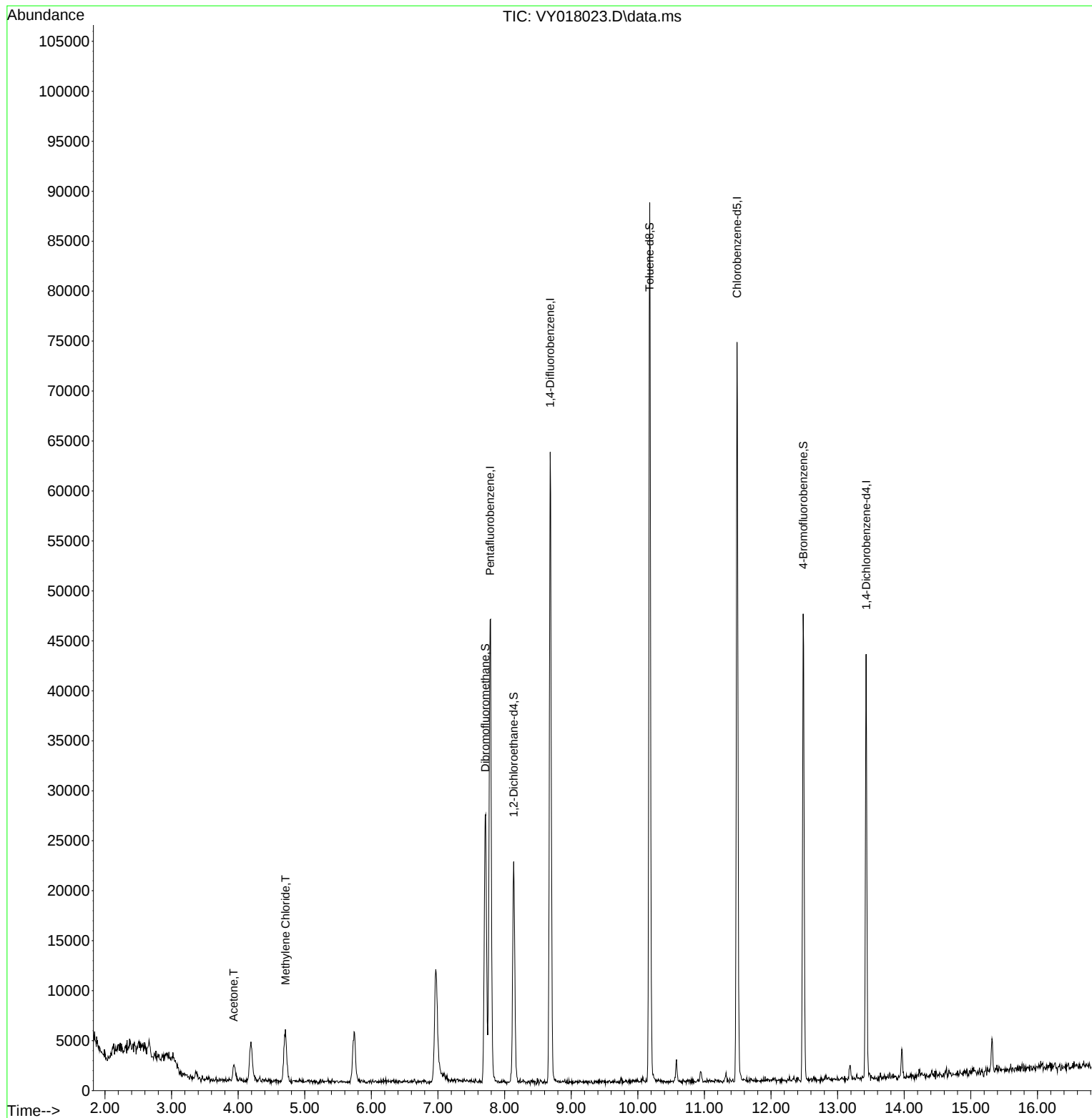
Internal Standards						
1) Pentafluorobenzene	7.783	168	39325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	56046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16869	49.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.710	113	19900	57.553	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.100%
50) Toluene-d8	10.179	98	60752	46.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.483	95	12166	29.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.880%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	3073	45.701	ug/l	93
20) Methylene Chloride	4.710	84	3995	8.770	ug/l	91

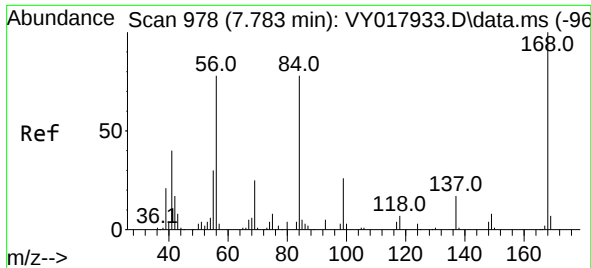
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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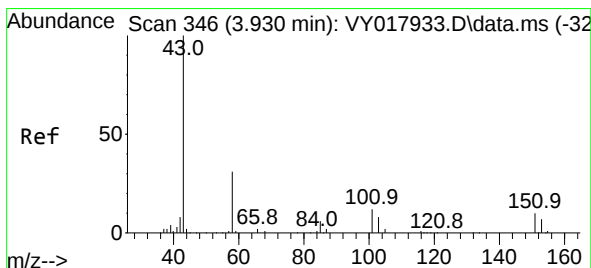
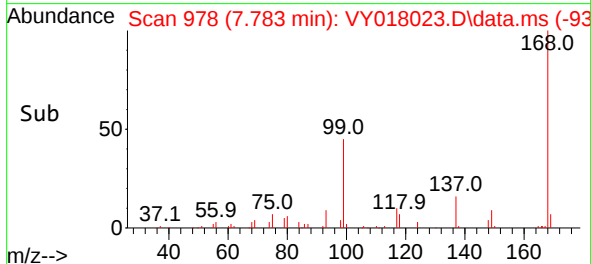
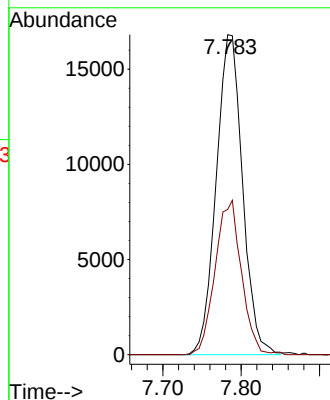
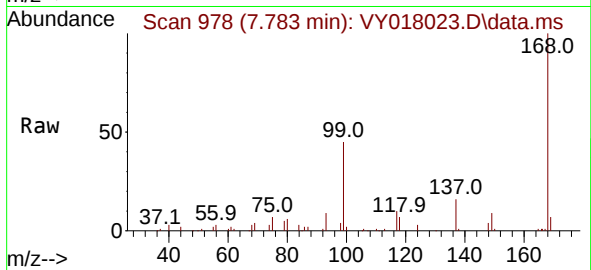




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

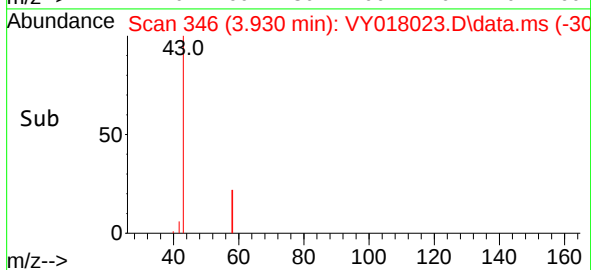
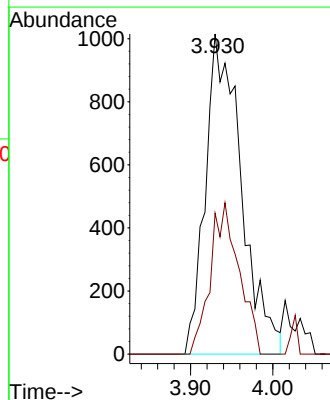
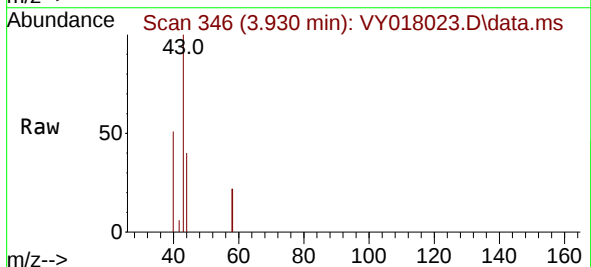
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042224RE

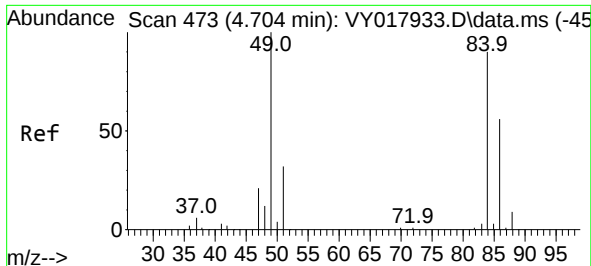
Tgt Ion:168 Resp: 39325
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#16
Acetone
Concen: 45.701 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.018 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion: 43 Resp: 3073
Ion Ratio Lower Upper
43 100
58 44.0 31.7 47.5

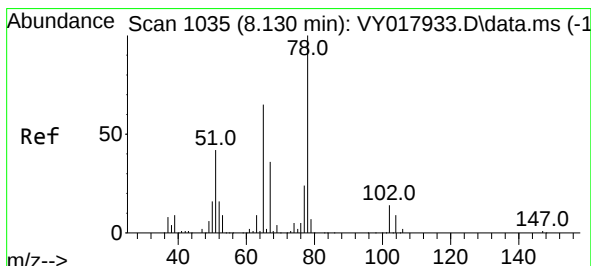
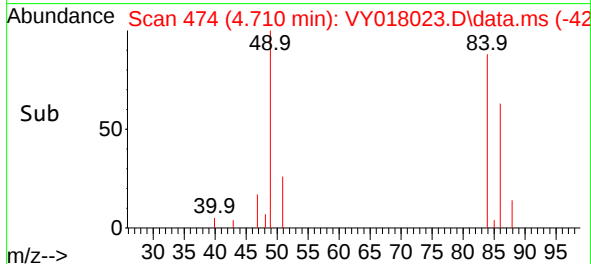
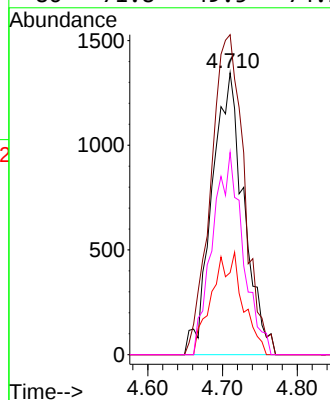
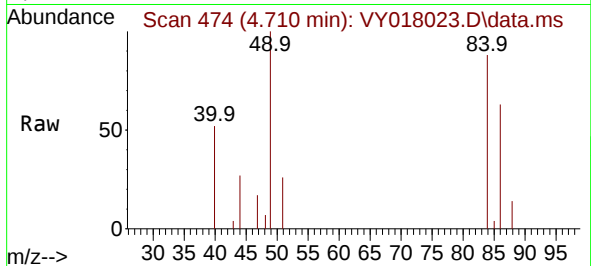




#20
Methylene Chloride
Concen: 8.770 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

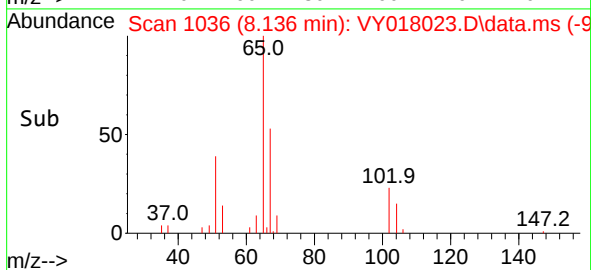
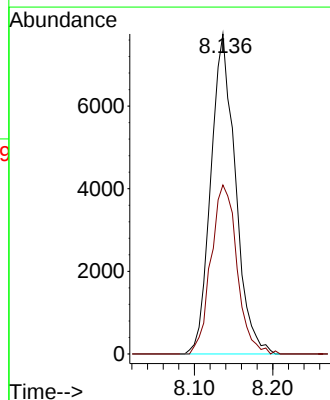
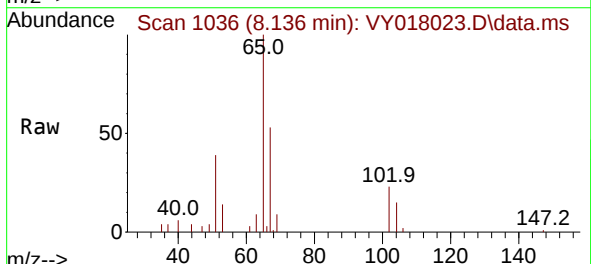
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042224RE

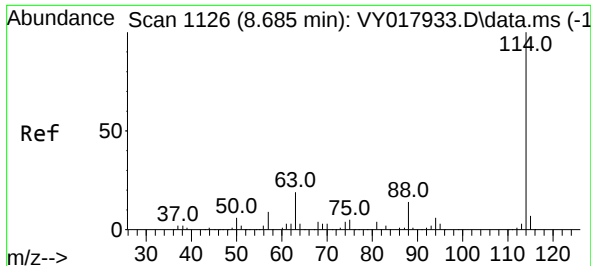
Tgt Ion:	84	Resp:	3995
Ion	Ratio	Lower	Upper
84	100		
49	113.5	84.4	126.6
51	29.1	26.0	39.0
86	71.8	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 49.570 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion:	65	Resp:	16869
Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018023.D

Acq: 23 Apr 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-042224RE

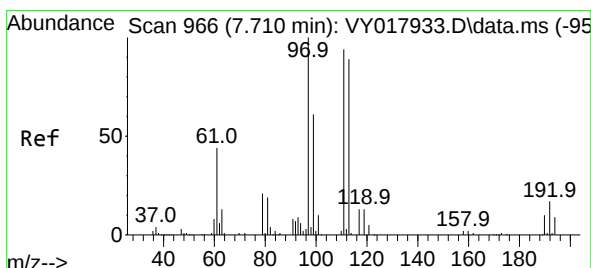
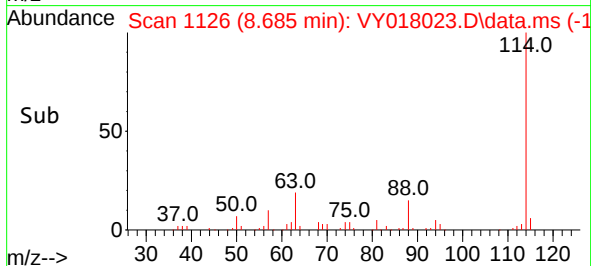
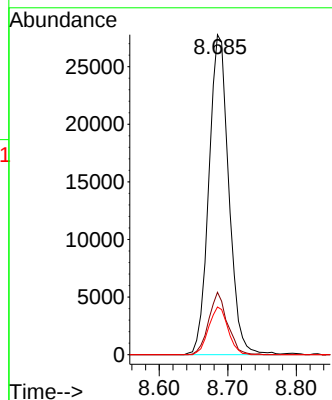
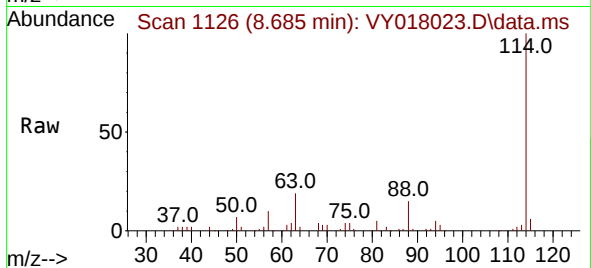
Tgt Ion:114 Resp: 56046

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.553 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018023.D

Acq: 23 Apr 2024 13:37

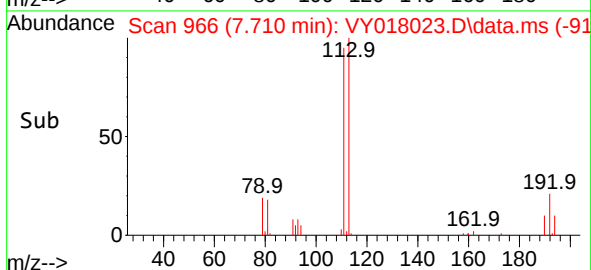
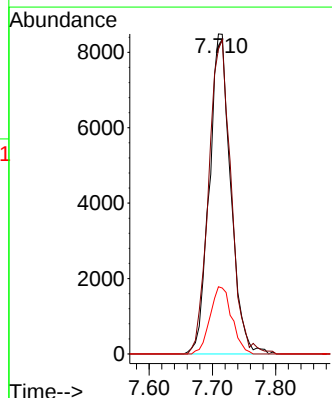
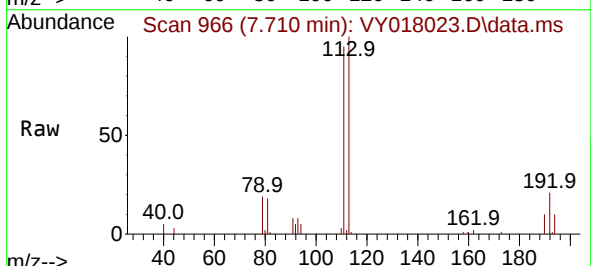
Tgt Ion:113 Resp: 19900

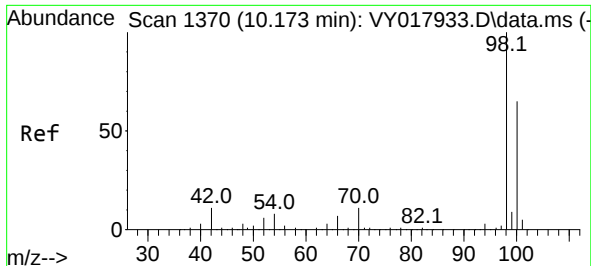
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 21.4 15.9 23.9

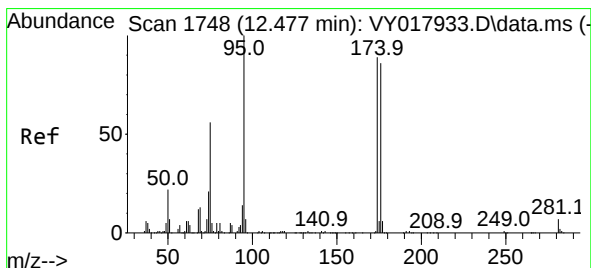
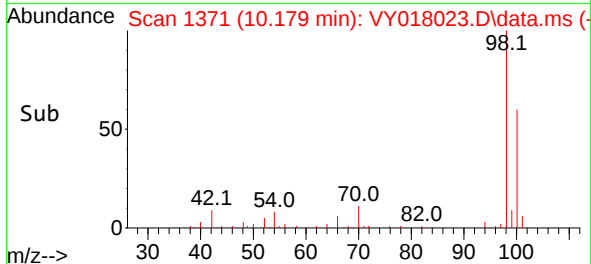
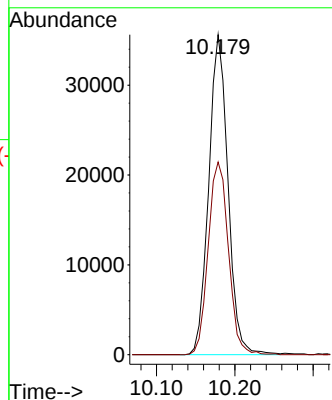
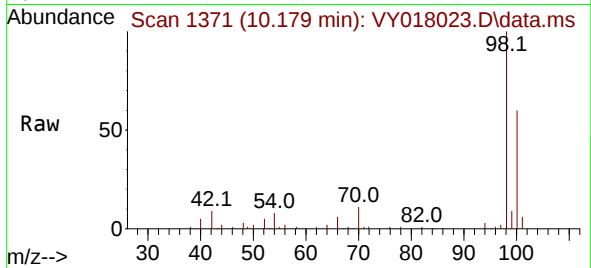




#50
Toluene-d8
Concen: 46.304 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

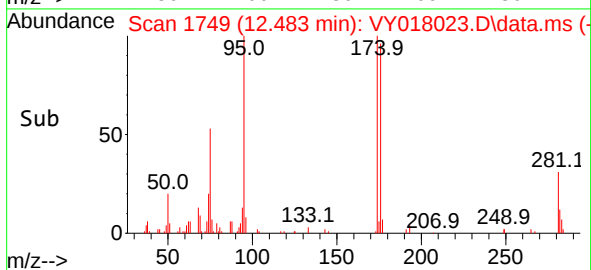
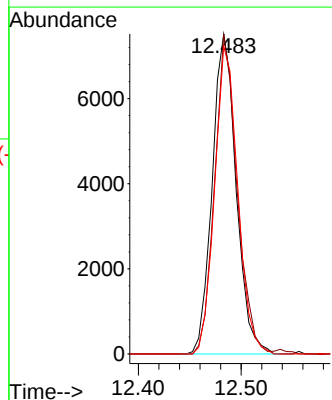
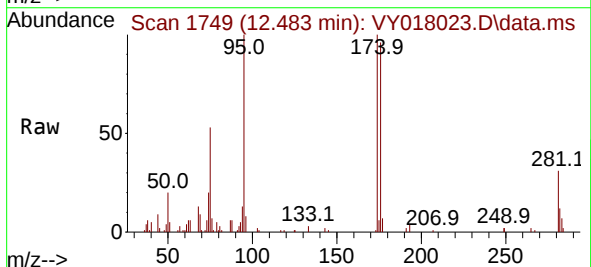
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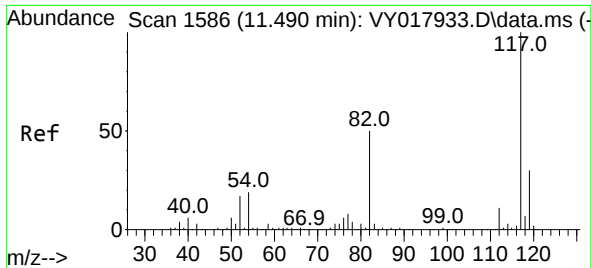
Tgt Ion: 98 Resp: 60752
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion: 95 Resp: 12166
Ion Ratio Lower Upper
95 100
174 93.9 0.0 175.6
176 92.7 0.0 171.4

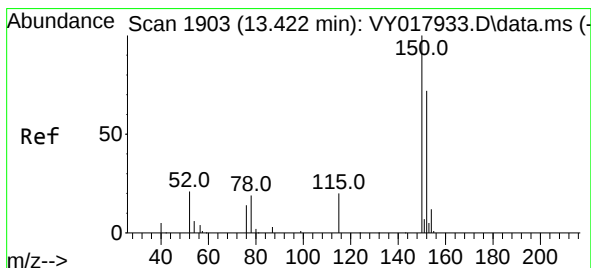
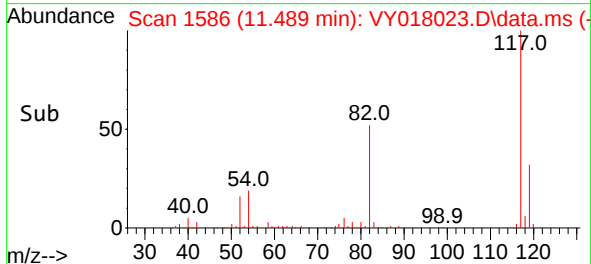
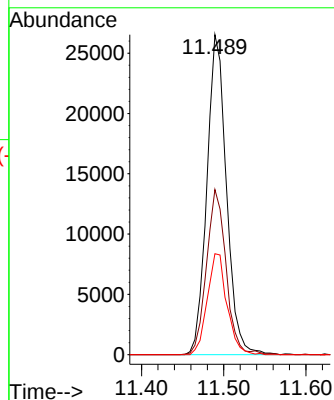
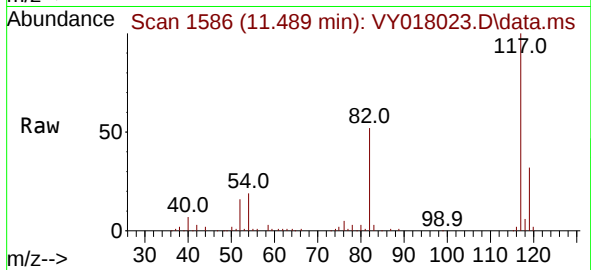




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042224RE

Tgt Ion:117	Resp:	43955
Ion	Ratio	Lower Upper
117	100	
82	51.6	42.4 63.6
119	31.5	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion:152	Resp:	10900
Ion	Ratio	Lower Upper
152	100	
115	56.1	28.2 84.7
150	167.8	0.0 345.6

