

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012990.D
 Acq On : 17 Mar 2023 16:35
 Operator : KP/MD
 Sample : 01954-01
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SV-TP1-0316

Quant Time: Mar 18 05:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

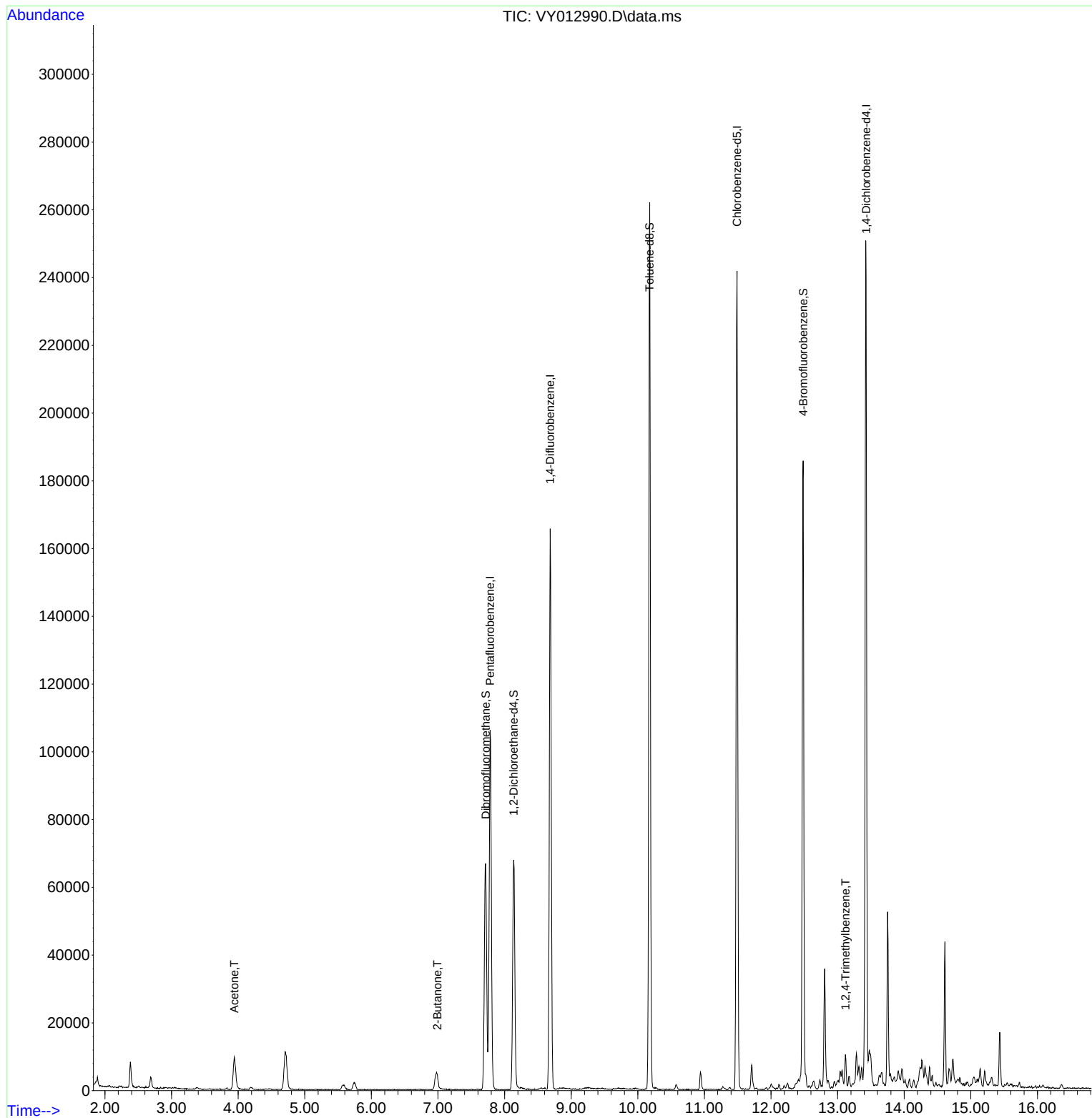
Internal Standards						
1) Pentafluorobenzene	7.783	168	81577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	137344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	127673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53429	65.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.940%
35) Dibromofluoromethane	7.716	113	48031	57.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.900%
50) Toluene-d8	10.179	98	166051	54.799	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.600%
62) 4-Bromofluorobenzene	12.483	95	53169	51.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.980%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	16754	52.700	ug/l	94
25) 2-Butanone	6.990	43	4537	11.522	ug/l #	85
84) 1,2,4-Trimethylbenzene	13.117	105	4775	1.324	ug/l	99

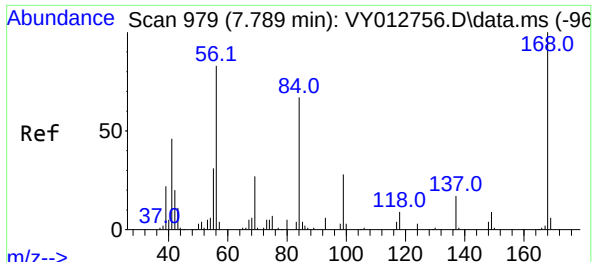
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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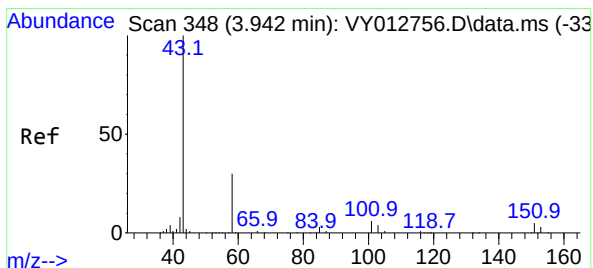
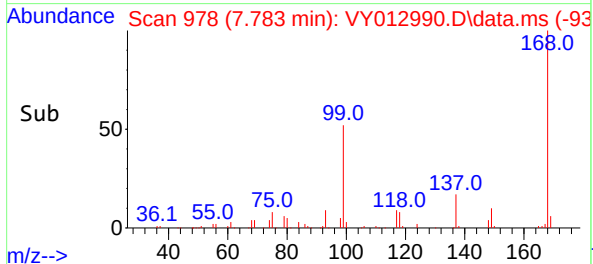
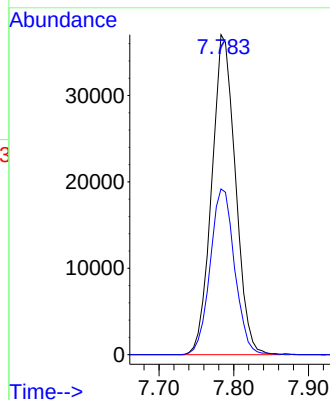
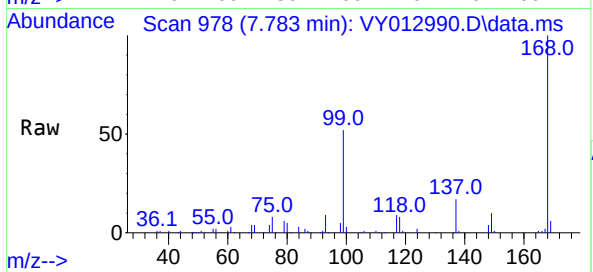




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012990.D
Acq: 17 Mar 2023 16:35

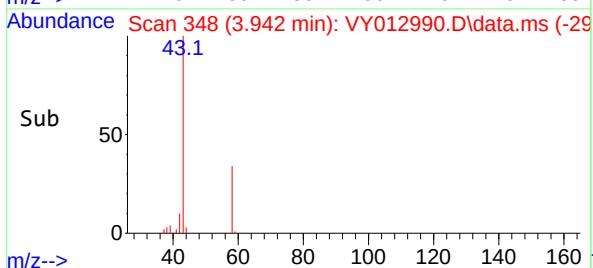
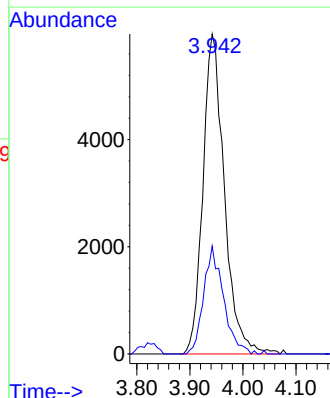
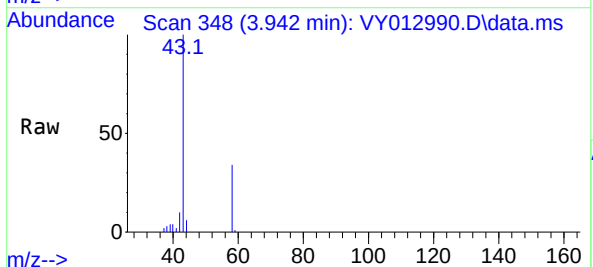
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP1-0316

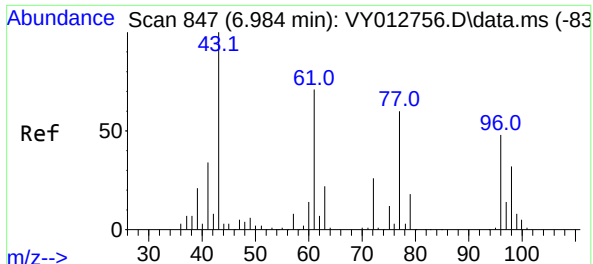
Tgt Ion:168 Resp: 81577
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#16
Acetone
Concen: 52.700 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012990.D
Acq: 17 Mar 2023 16:35

Tgt Ion: 43 Resp: 16754
Ion Ratio Lower Upper
43 100
58 33.7 24.2 36.2

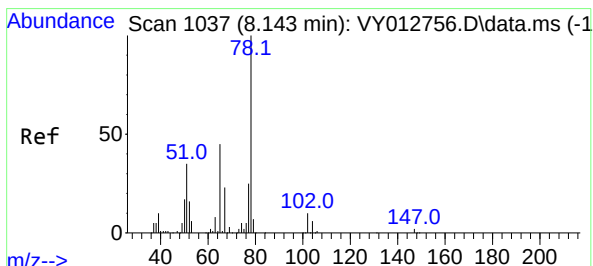
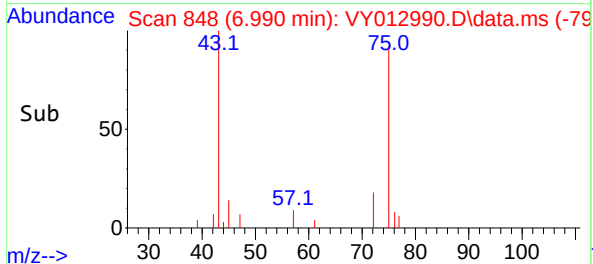
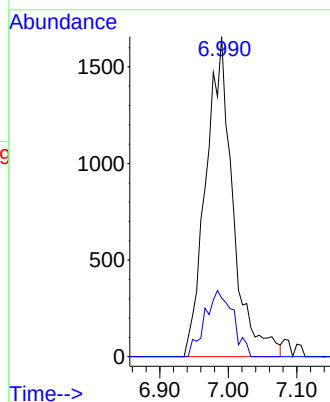
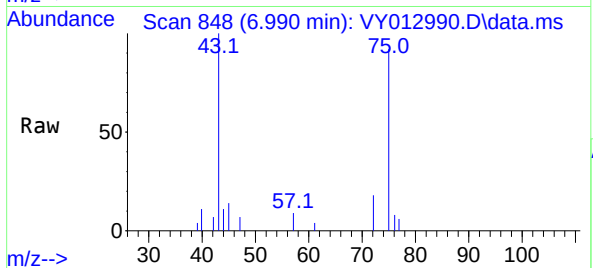




#25
2-Butanone
Concen: 11.522 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012990.D
Acq: 17 Mar 2023 16:35

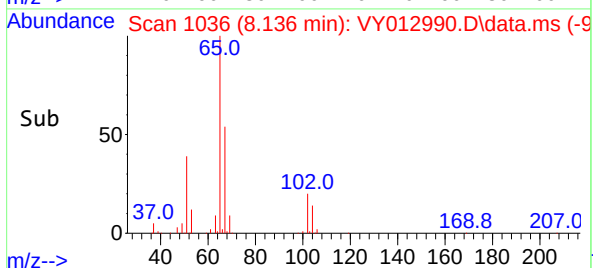
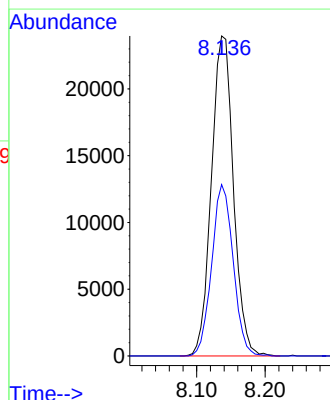
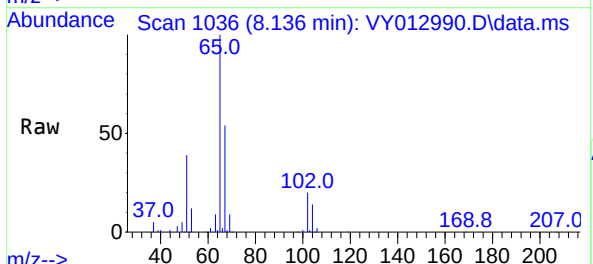
Instrument :
MSVOA_Y
ClientSampleId :
SV-TP1-0316

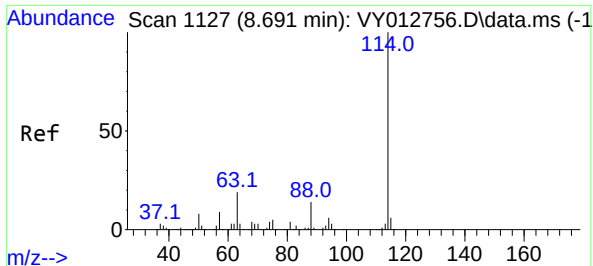
Tgt Ion: 43 Resp: 4537
Ion Ratio Lower Upper
43 100
72 18.3 21.0 31.4#



#33
1,2-Dichloroethane-d4
Concen: 65.965 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012990.D
Acq: 17 Mar 2023 16:35

Tgt Ion: 65 Resp: 53429
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012990.D

Acq: 17 Mar 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

SV-TP1-0316

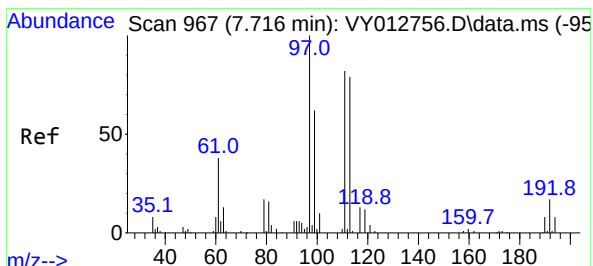
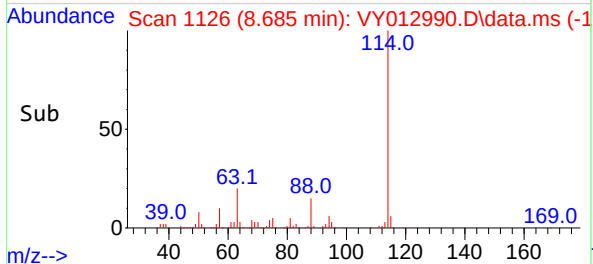
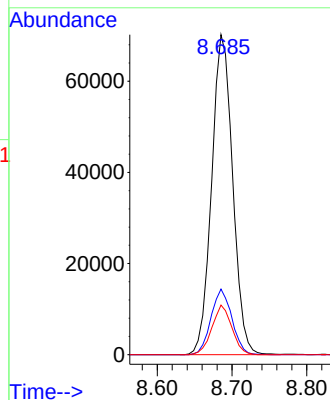
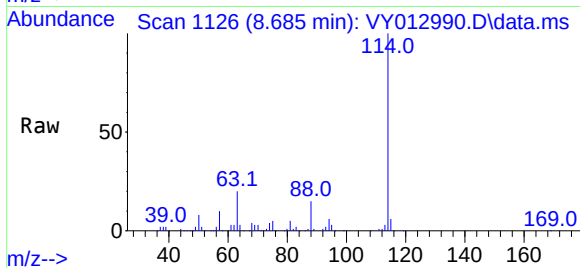
Tgt Ion:114 Resp: 137344

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.948 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012990.D

Acq: 17 Mar 2023 16:35

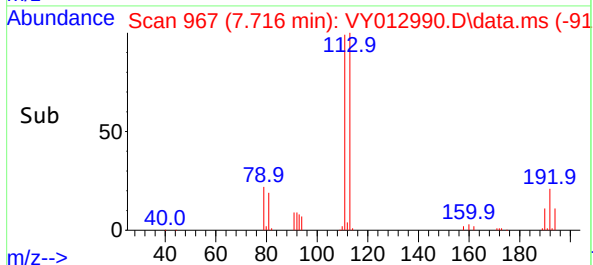
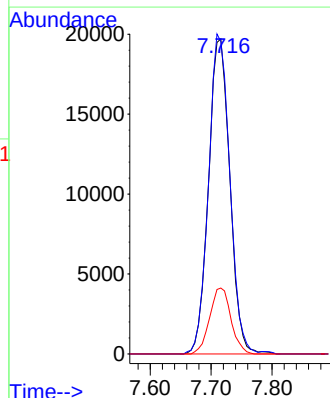
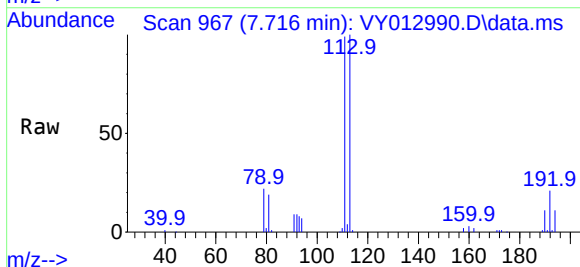
Tgt Ion:113 Resp: 48031

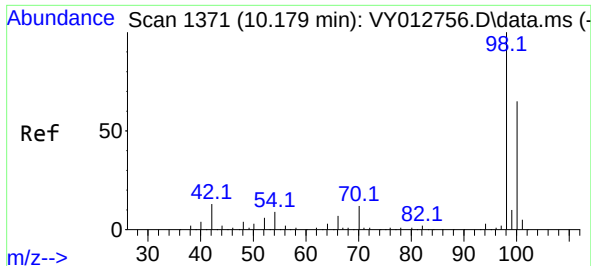
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.2

192 20.8 16.8 25.2

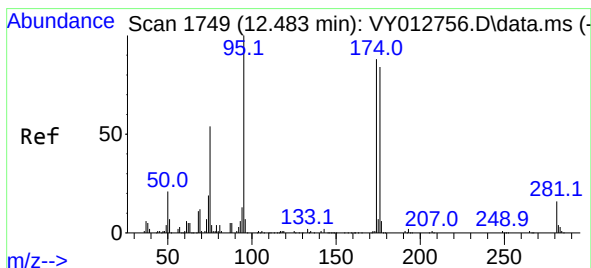
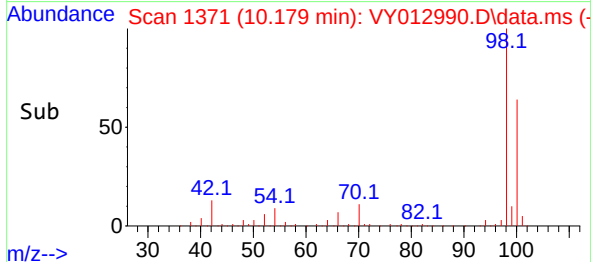
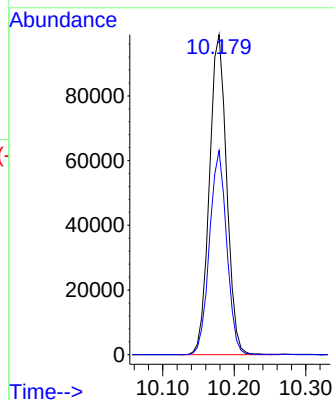
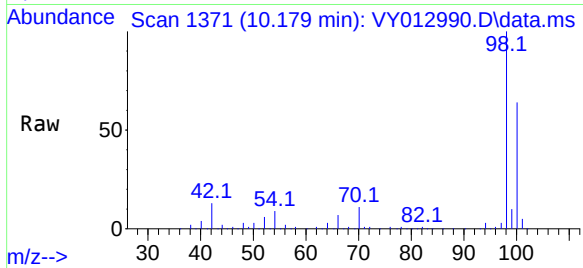




#50
Toluene-d8
Concen: 54.799 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012990.D
Acq: 17 Mar 2023 16:35

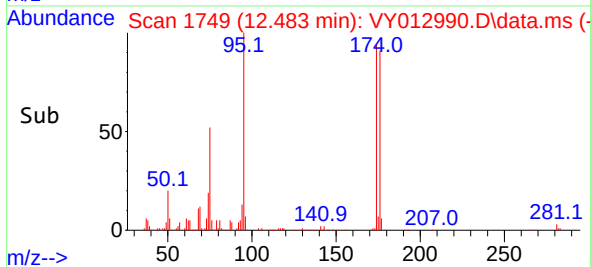
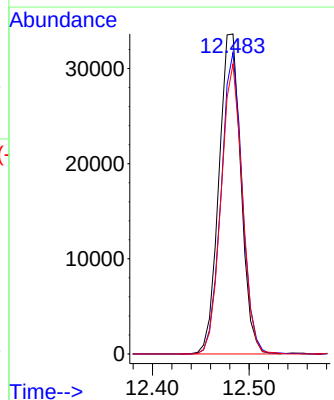
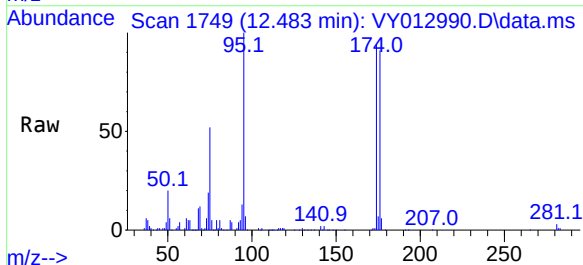
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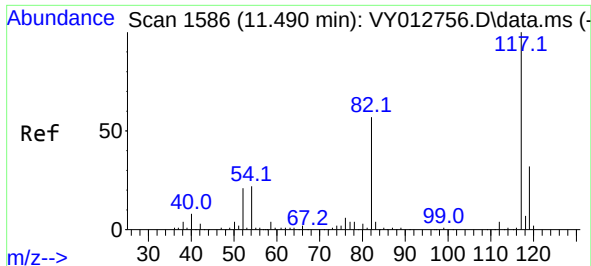
Tgt Ion: 98 Resp: 166051
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012990.D
Acq: 17 Mar 2023 16:35

Tgt Ion: 95 Resp: 53169
Ion Ratio Lower Upper
95 100
174 90.3 0.0 176.6
176 87.3 0.0 170.2

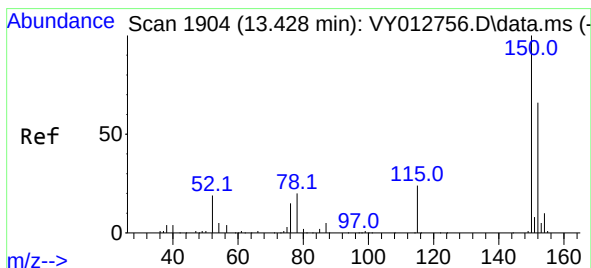
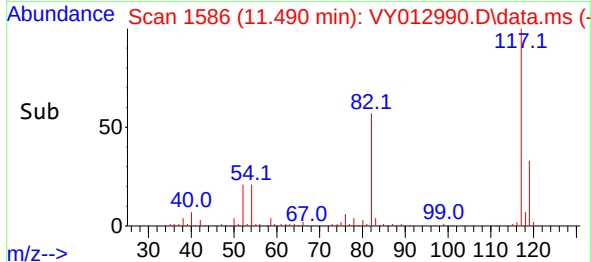
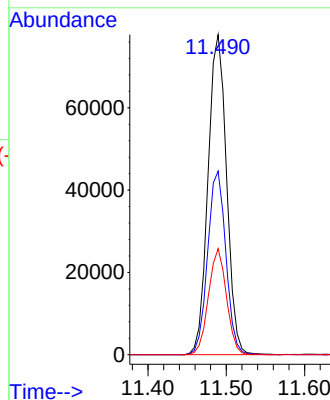
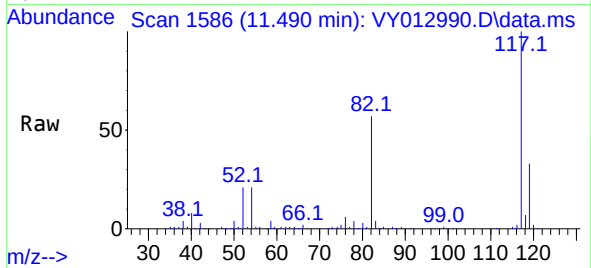




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012990.D
Acq: 17 Mar 2023 16:35

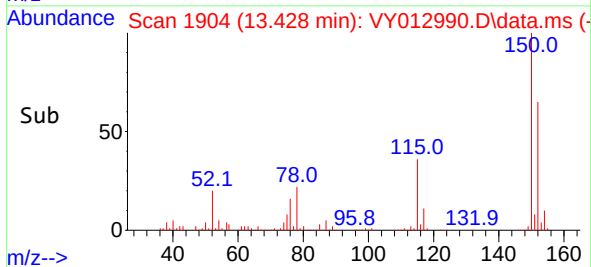
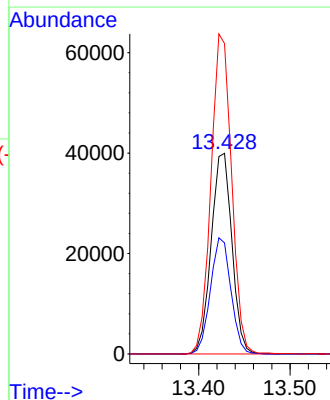
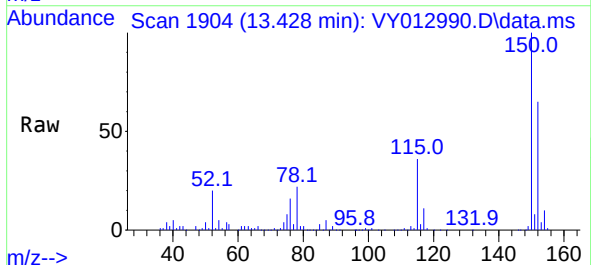
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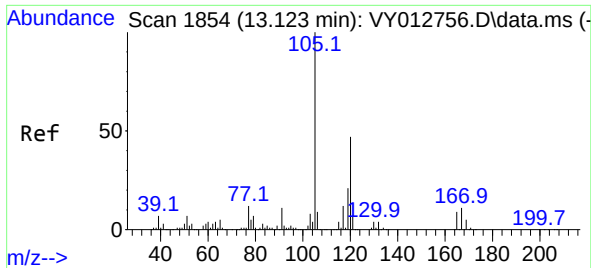
Tgt Ion:117 Resp: 127673
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012990.D
Acq: 17 Mar 2023 16:35

Tgt Ion:152 Resp: 63083
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 158.0 0.0 347.8





#84

1,2,4-Trimethylbenzene

Concen: 1.324 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012990.D

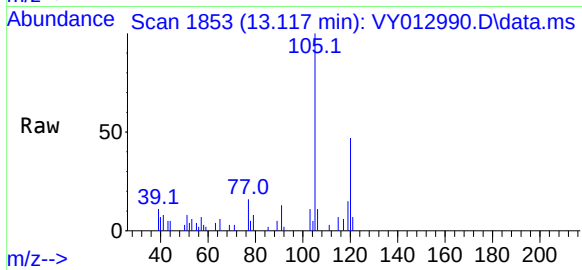
Acq: 17 Mar 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

SV-TP1-0316



Tgt Ion:105 Resp: 4775

Ion Ratio Lower Upper

105 100

120 46.7 23.0 69.0

