

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013973.D
 Acq On : 01 Jun 2023 18:49
 Operator : KP/MD
 Sample : 02972-01
 Misc : 5.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-0A

Quant Time: Jun 02 07:29:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

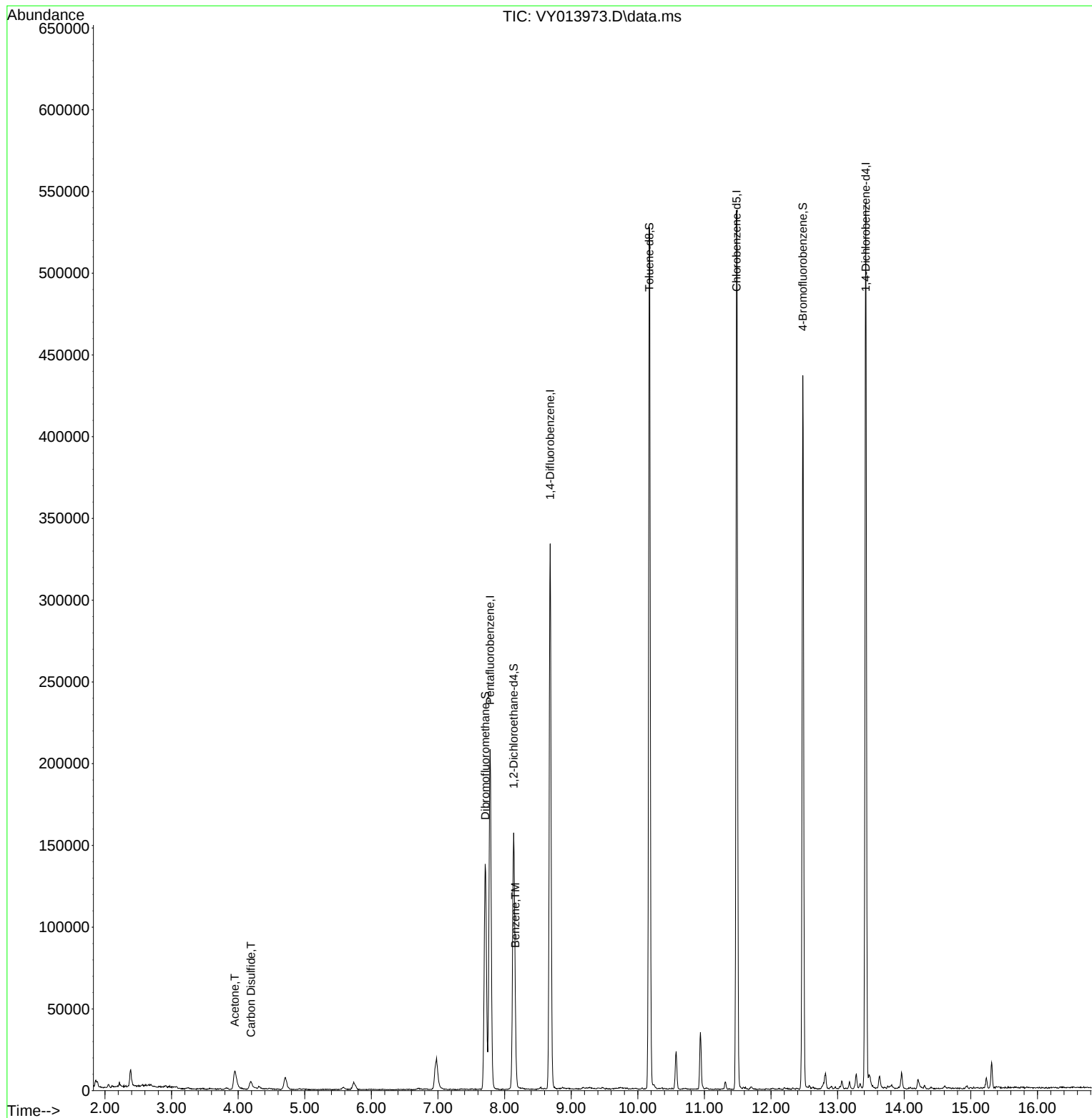
Internal Standards						
1) Pentafluorobenzene	7.783	168	160919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	283388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117694	55.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.500%
35) Dibromofluoromethane	7.710	113	94973	54.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.960%
50) Toluene-d8	10.173	98	344172	51.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.477	95	117167	51.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.380%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	25870	35.496	ug/l	96
17) Carbon Disulfide	4.192	76	8579	1.640	ug/l	99
40) Benzene	8.161	78	28775	3.756	ug/l	98

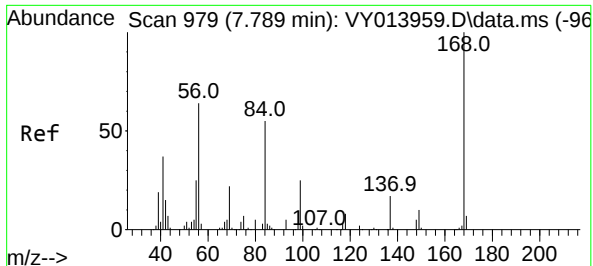
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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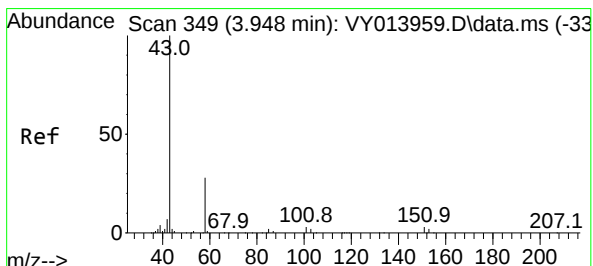
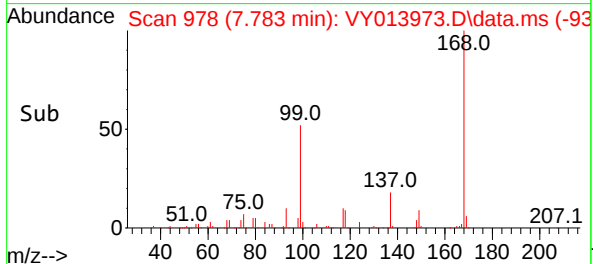
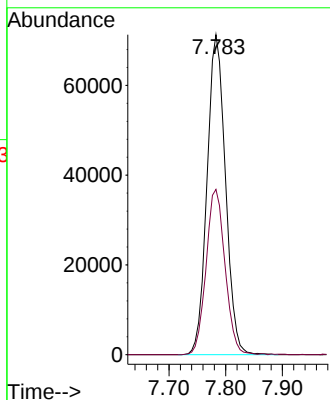
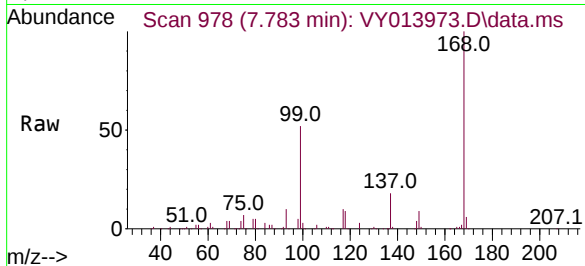




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

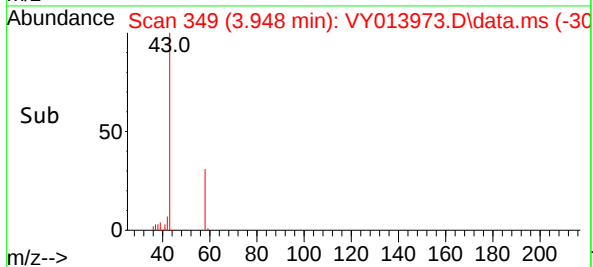
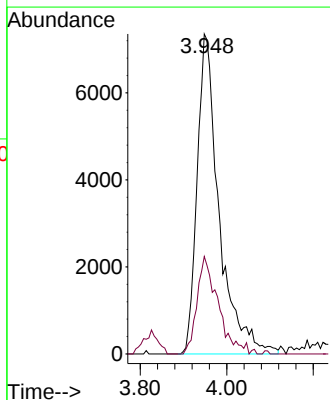
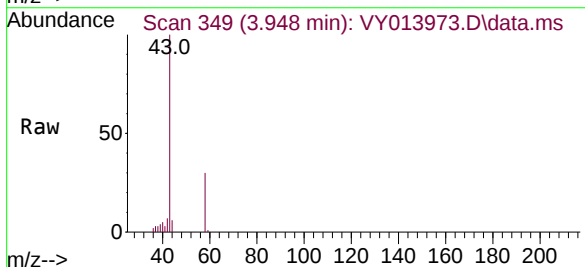
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-0A

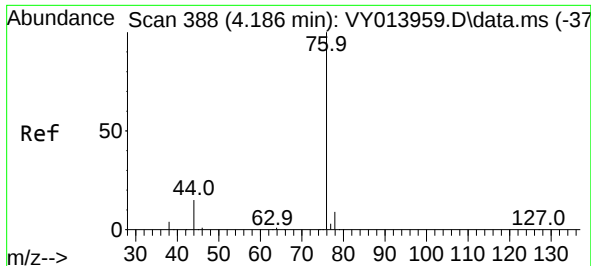
Tgt Ion:168 Resp: 160919
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#16
Acetone
Concen: 35.496 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

Tgt Ion: 43 Resp: 25870
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1

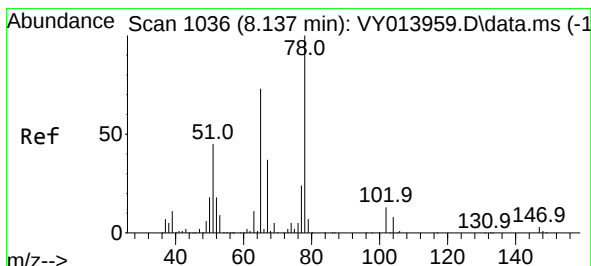
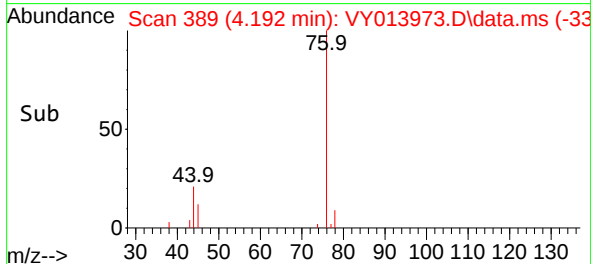
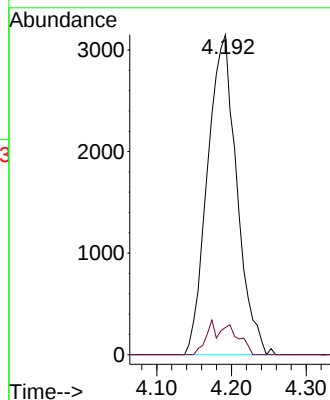
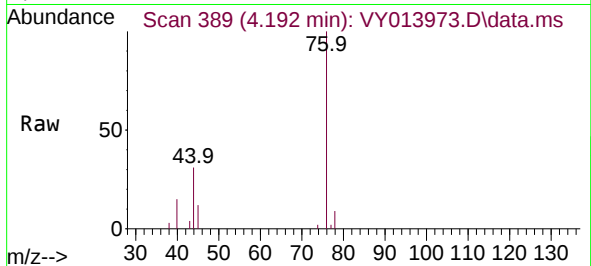




#17
Carbon Disulfide
Concen: 1.640 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

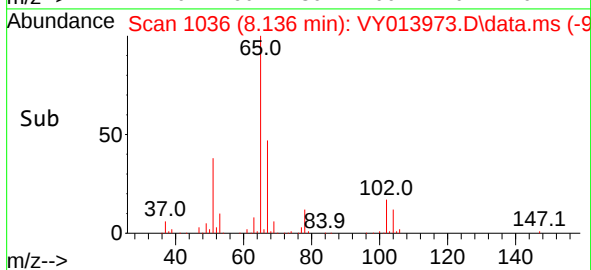
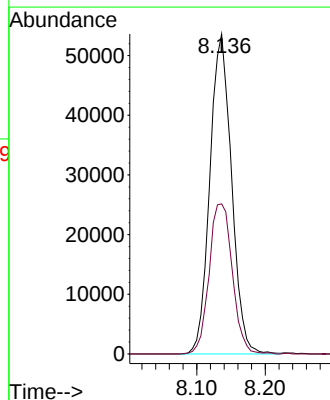
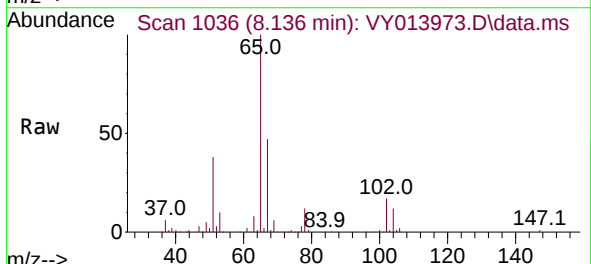
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-0A

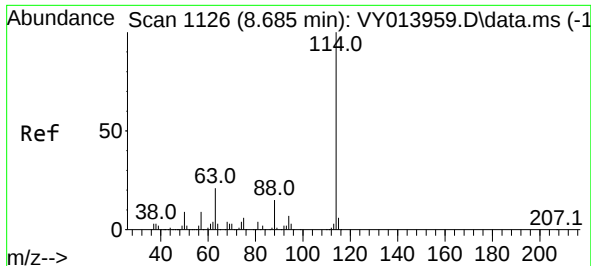
Tgt Ion: 76 Resp: 8579
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 55.250 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

Tgt Ion: 65 Resp: 117694
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

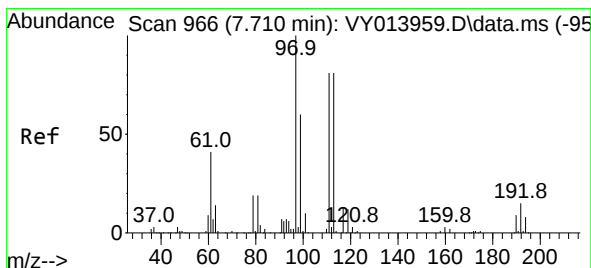
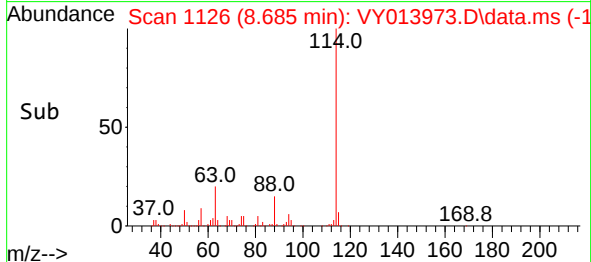
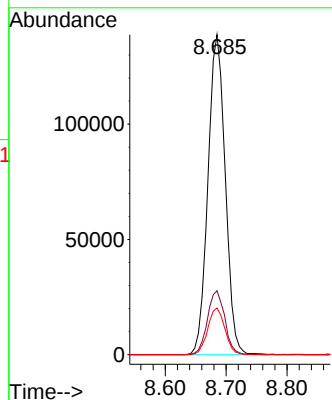
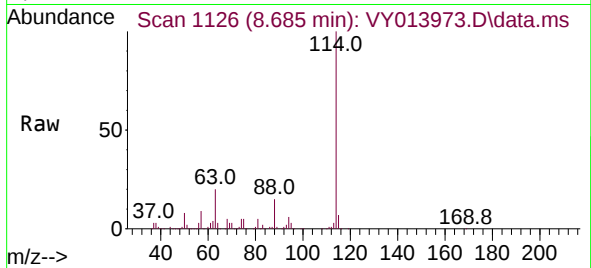




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

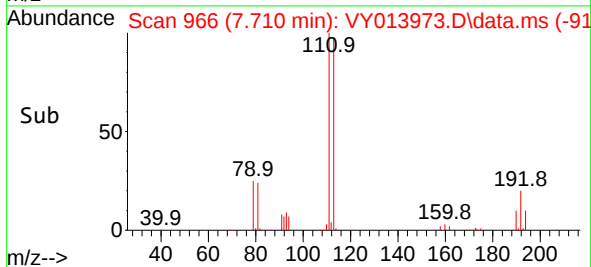
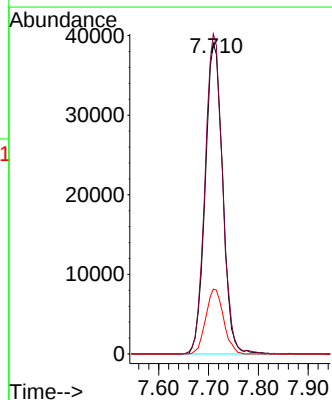
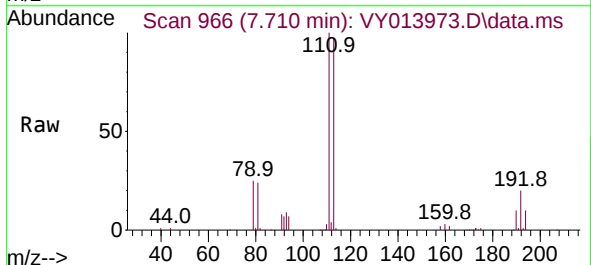
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-0A

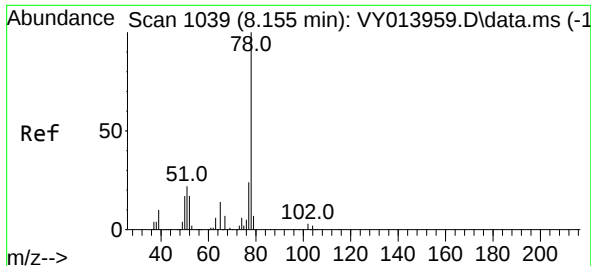
Tgt Ion:	114	Resp:	274285
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	42.4
88	14.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.485 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

Tgt Ion:	113	Resp:	94973
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.3	121.9
192	21.3	16.9	25.3

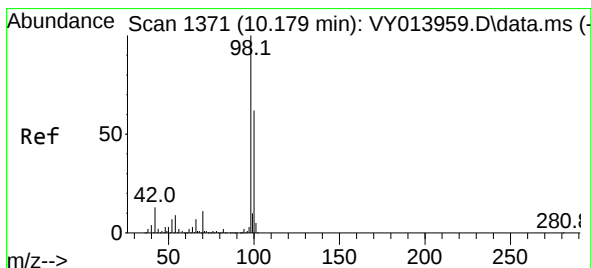
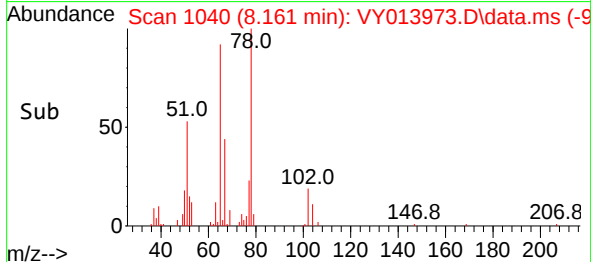
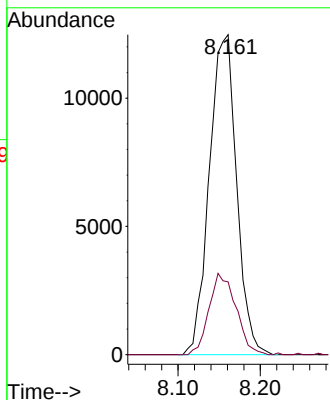
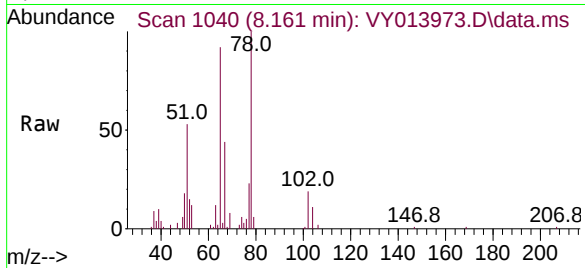




#40
Benzene
Concen: 3.756 ug/l
RT: 8.161 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

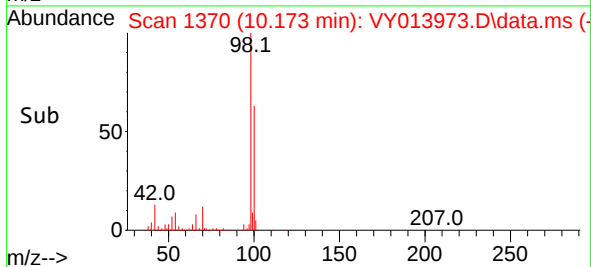
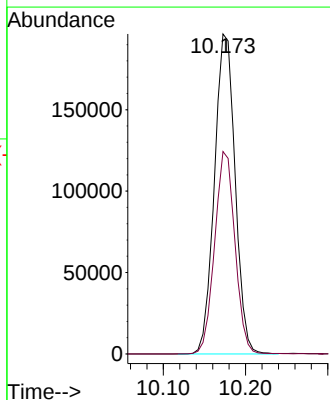
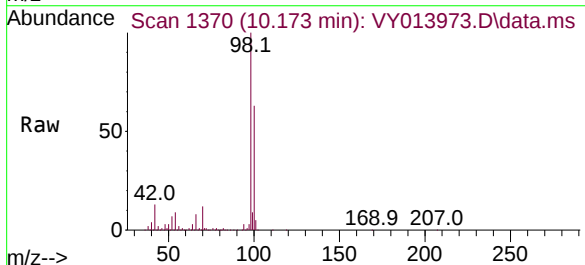
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TP-11-0A

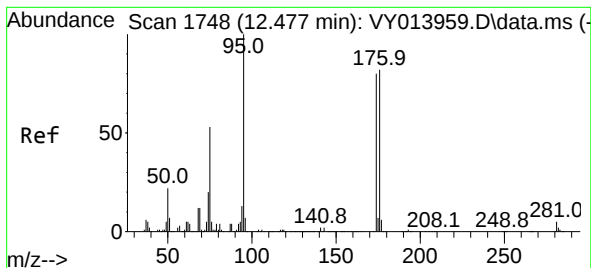
Tgt Ion: 78 Resp: 28775
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6



#50
Toluene-d8
Concen: 51.763 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

Tgt Ion: 98 Resp: 344172
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

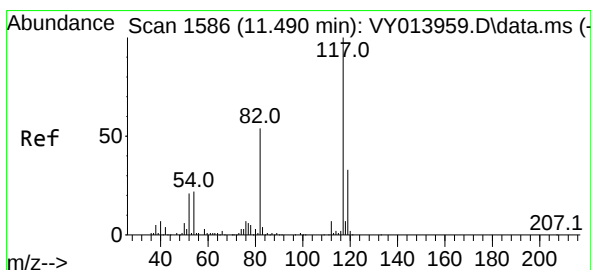
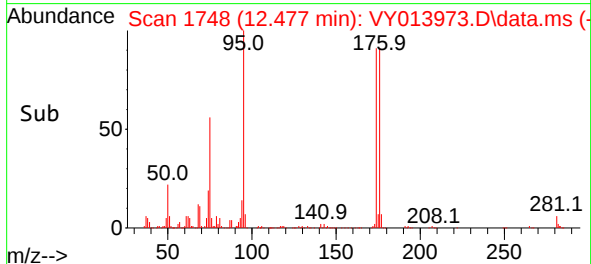
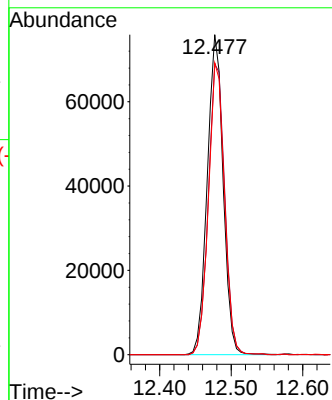
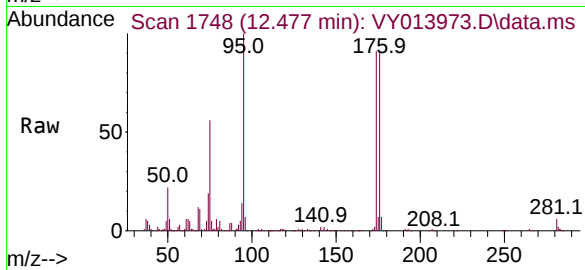




#62
4-Bromofluorobenzene
Concen: 51.689 ug/l
RT: 12.477 min Scan# 117167
Delta R.T. -0.000 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

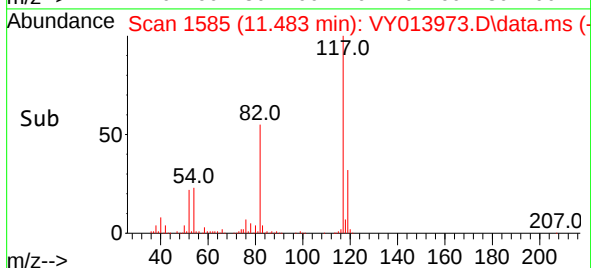
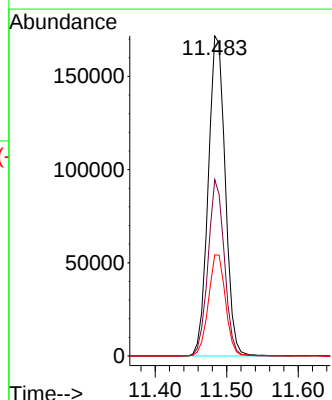
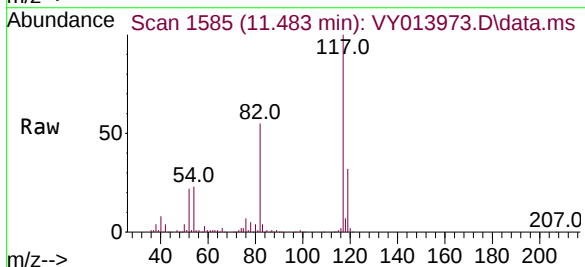
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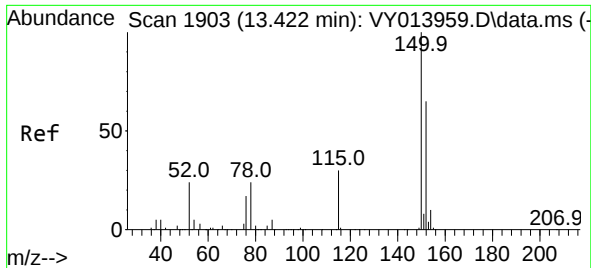
Tgt Ion: 95 Resp: 117167
Ion Ratio Lower Upper
95 100
174 93.7 0.0 178.2
176 91.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013973.D
Acq: 01 Jun 2023 18:49

Tgt Ion: 117 Resp: 283388
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: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013973.D

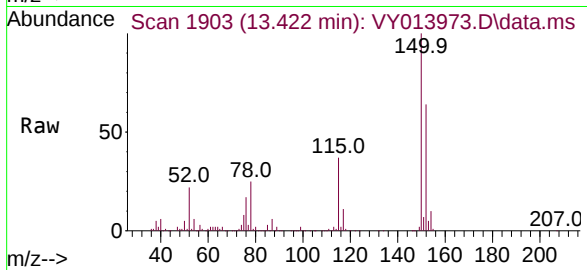
Acq: 01 Jun 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-0A



Tgt Ion:152 Resp: 136220

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 157.0 0.0 348.8

