

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013970.D
 Acq On : 01 Jun 2023 17:38
 Operator : KP/MD
 Sample : 02983-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB24A

Quant Time: Jun 02 07:28:32 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)

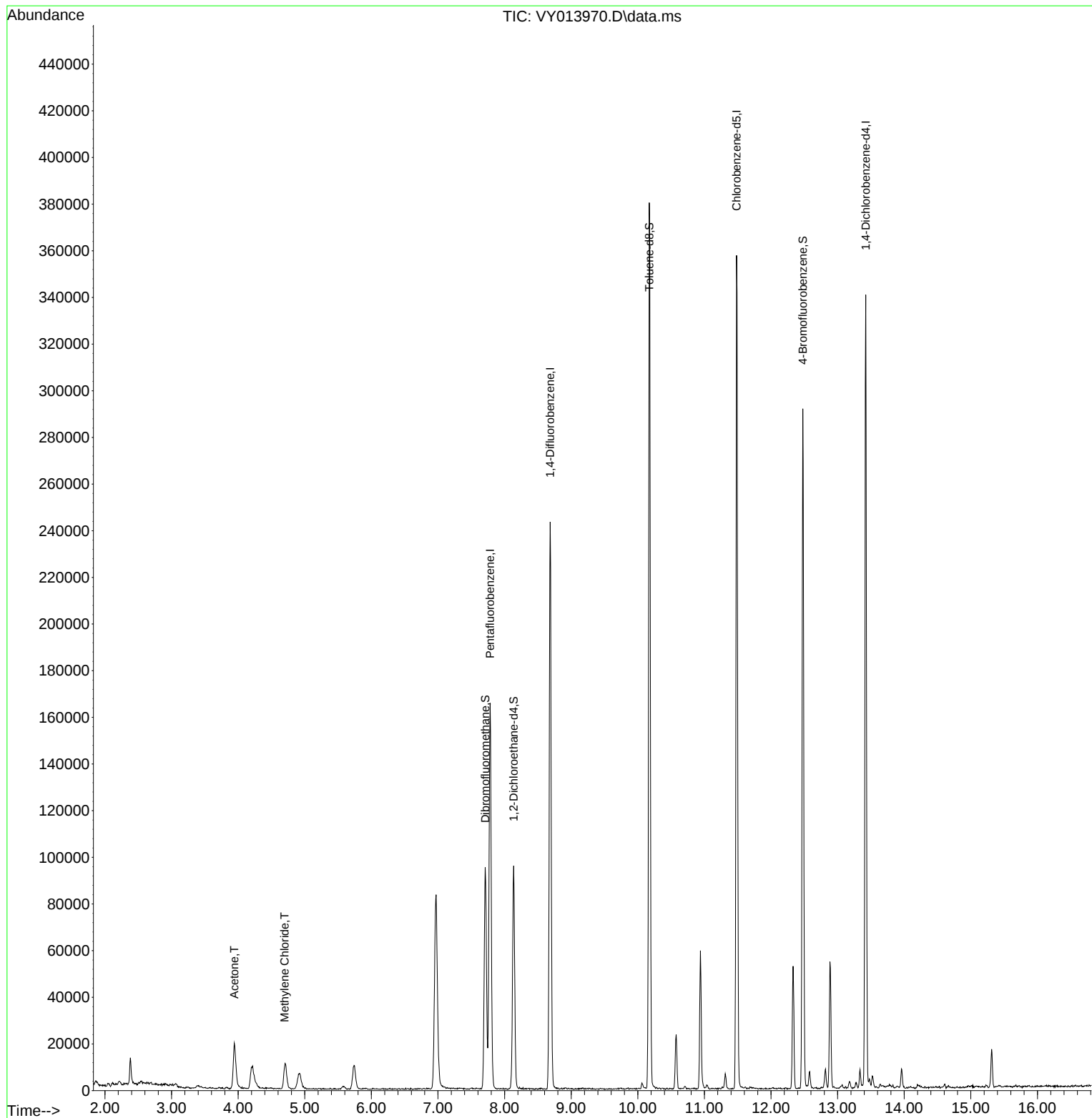
Internal Standards						
1) Pentafluorobenzene	7.783	168	126187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	201798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	188558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76924	46.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.100%
35) Dibromofluoromethane	7.710	113	65136	50.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.173	98	244628	50.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.477	95	76763	46.029	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.060%
Target Compounds						
16) Acetone	3.942	43	35260	61.697	ug/l	93
20) Methylene Chloride	4.698	84	8039	1.311	ug/l #	74

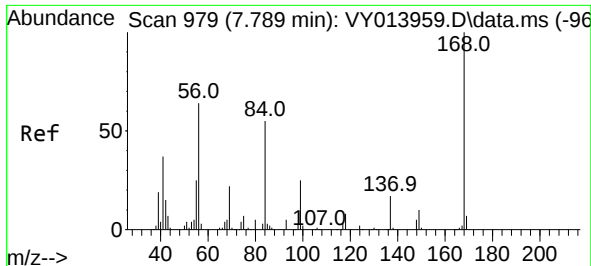
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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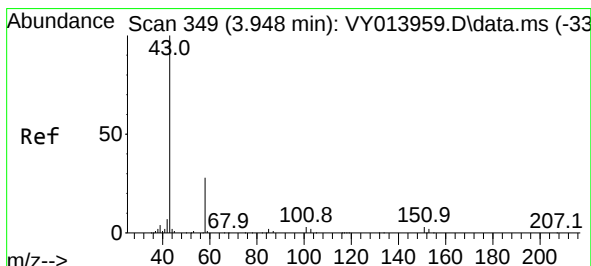
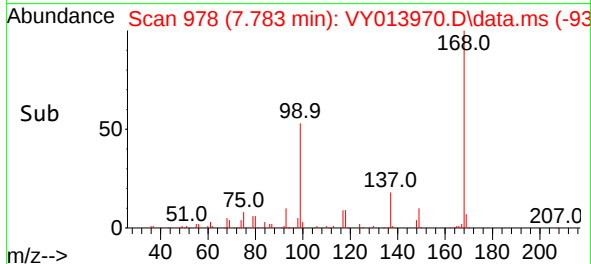
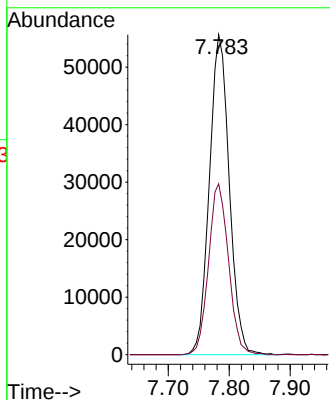
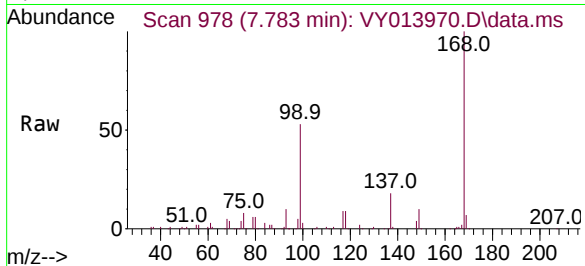




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013970.D
Acq: 01 Jun 2023 17:38

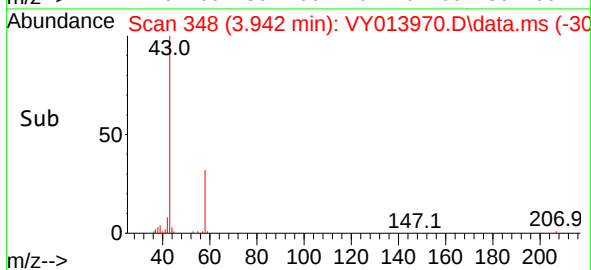
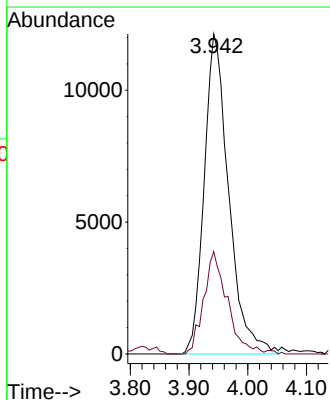
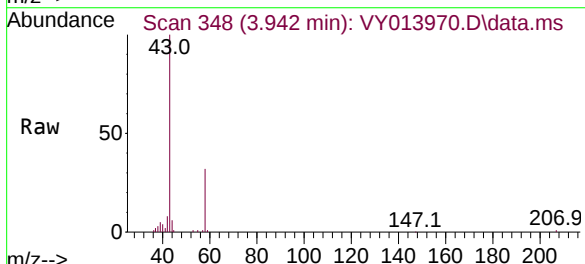
Instrument :
MSVOA_Y
ClientSampleId :
SB24A

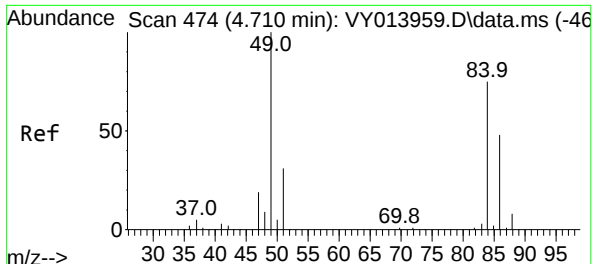
Tgt Ion:168 Resp: 126187
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 61.697 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013970.D
Acq: 01 Jun 2023 17:38

Tgt Ion: 43 Resp: 35260
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

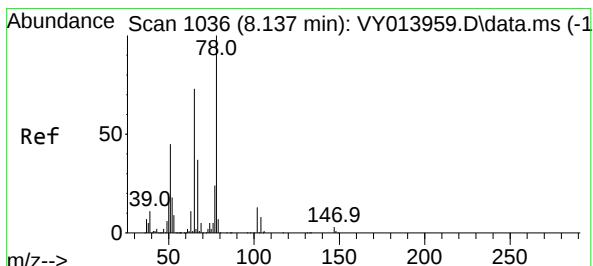
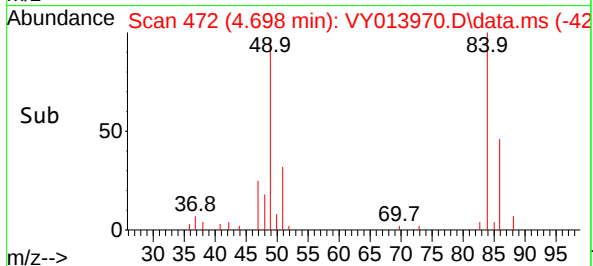
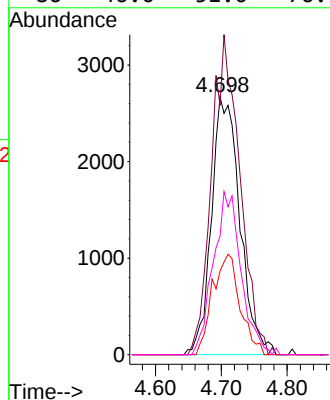
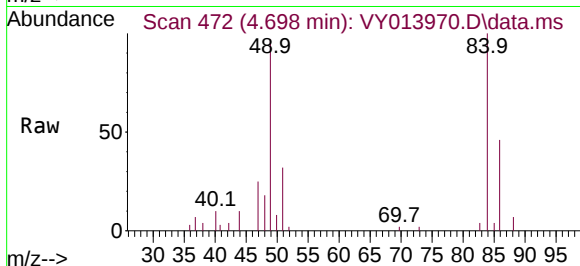




#20
Methylene Chloride
Concen: 1.311 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013970.D
Acq: 01 Jun 2023 17:38

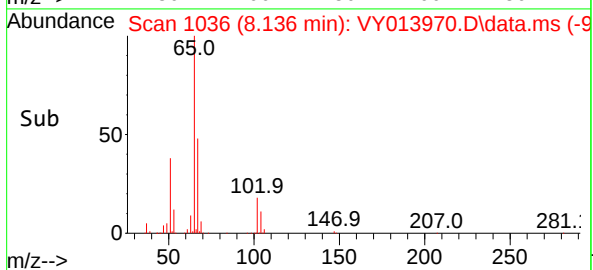
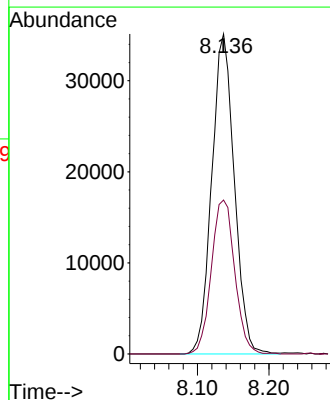
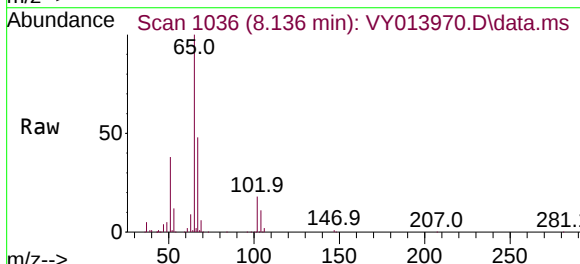
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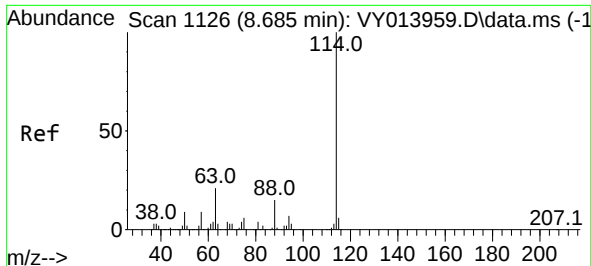
Tgt Ion:	84	Resp:	8039
Ion	Ratio	Lower	Upper
84	100		
49	96.7	106.9	160.3#
51	32.4	33.2	49.8#
86	46.0	51.0	76.6#



#33
1,2-Dichloroethane-d4
Concen: 46.051 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013970.D
Acq: 01 Jun 2023 17:38

Tgt Ion:	65	Resp:	76924
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.8

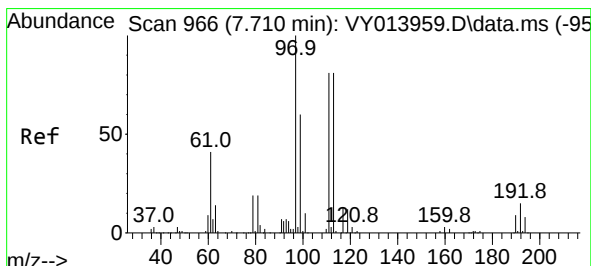
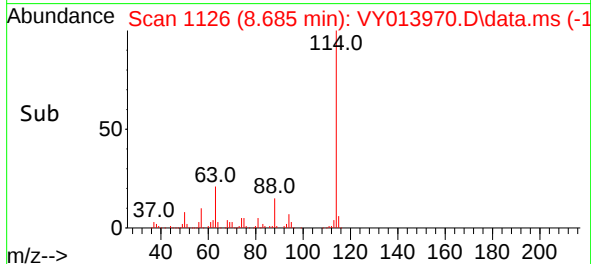
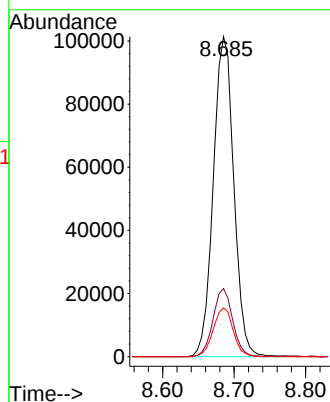
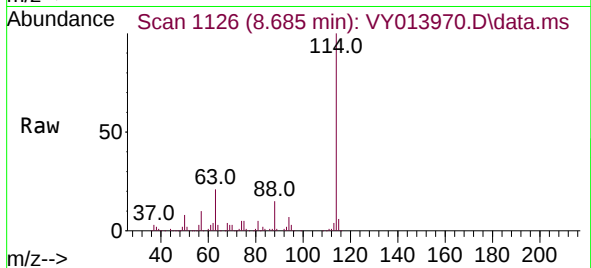




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY013970.D
Acq: 01 Jun 2023 17:38

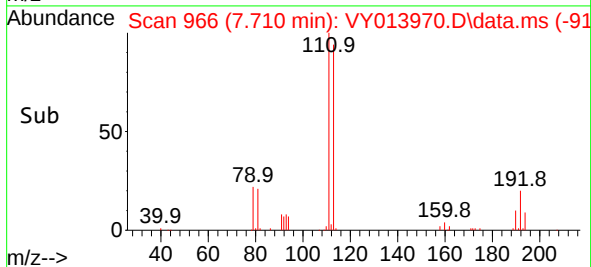
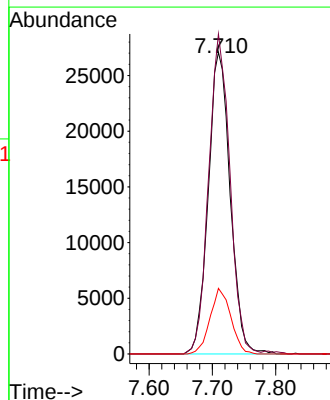
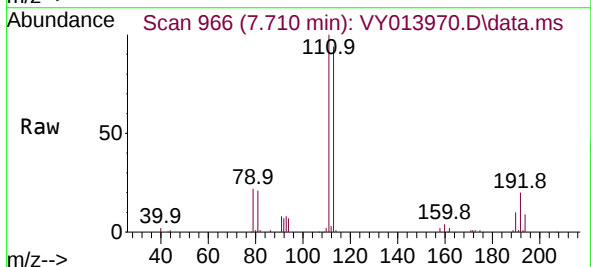
Instrument :
MSVOA_Y
ClientSampleId :
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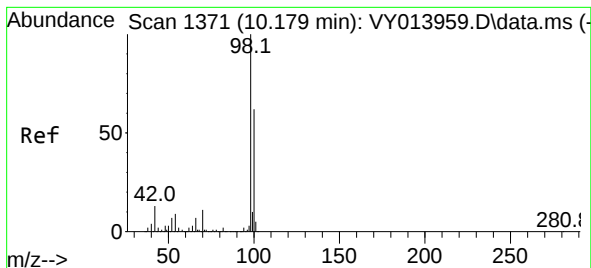
Tgt Ion:	114	Resp:	201798
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	15.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.790 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013970.D
Acq: 01 Jun 2023 17:38

Tgt Ion:	113	Resp:	65136
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	20.6	16.9	25.3

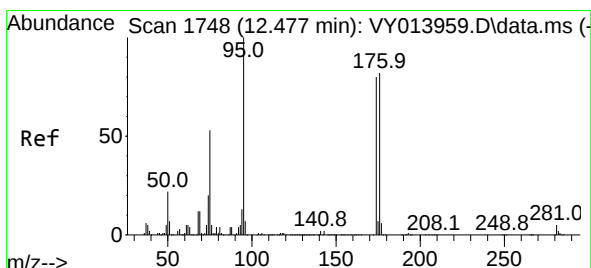
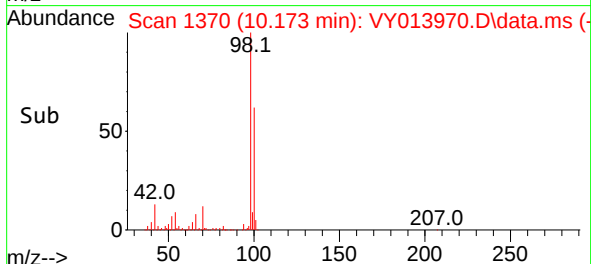
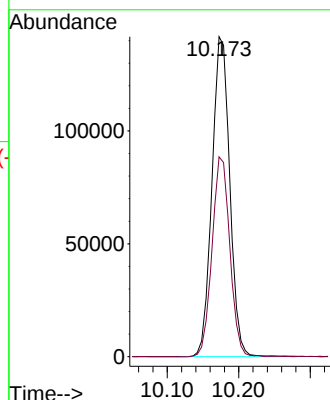
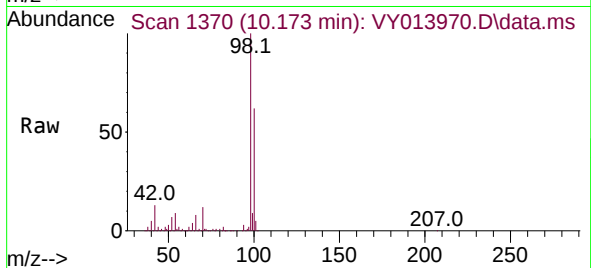




#50
Toluene-d8
Concen: 50.008 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013970.D
Acq: 01 Jun 2023 17:38

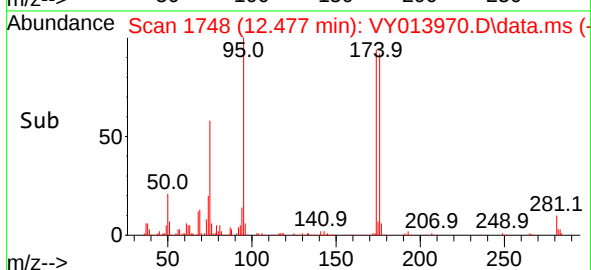
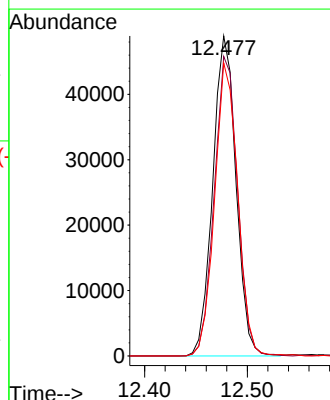
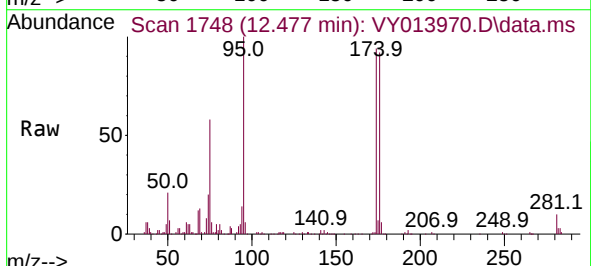
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ClientSampleId :
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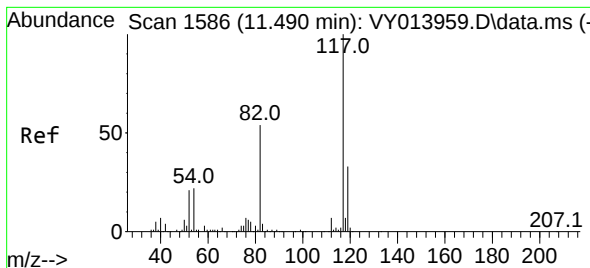
Tgt Ion: 98 Resp: 244628
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.029 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013970.D
Acq: 01 Jun 2023 17:38

Tgt Ion: 95 Resp: 76763
Ion Ratio Lower Upper
95 100
174 94.0 0.0 178.2
176 90.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013970.D

Acq: 01 Jun 2023 17:38

Instrument :

MSVOA_Y

ClientSampleId :

SB24A

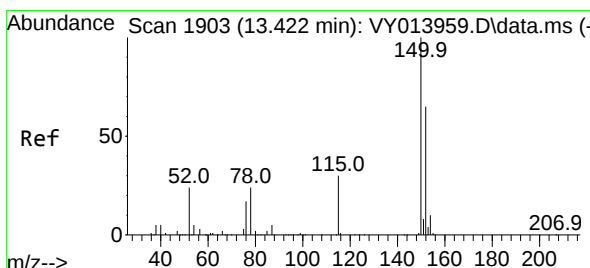
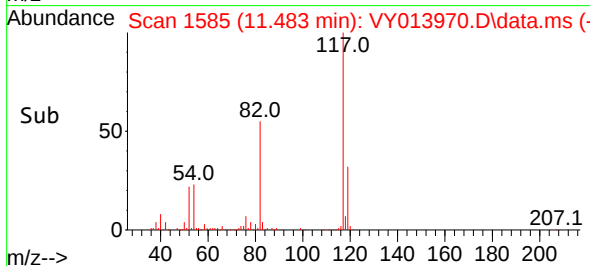
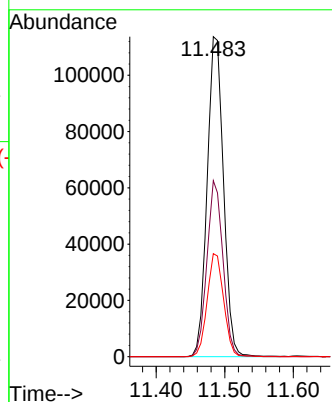
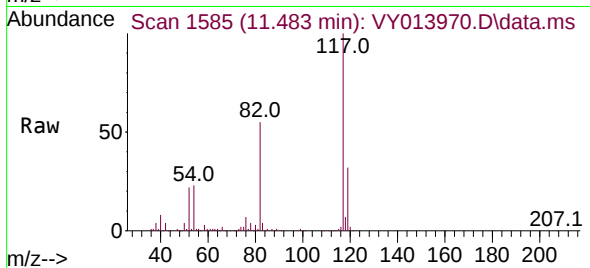
Tgt Ion:117 Resp: 188558

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.2 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: VY013970.D

Acq: 01 Jun 2023 17:38

Tgt Ion:152 Resp: 86730

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.3 0.0 348.8

