

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013721.D
 Acq On : 11 May 2023 17:22
 Operator : KP/MD
 Sample : 02747-03
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5-7-20230510

Quant Time: May 12 04:45:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

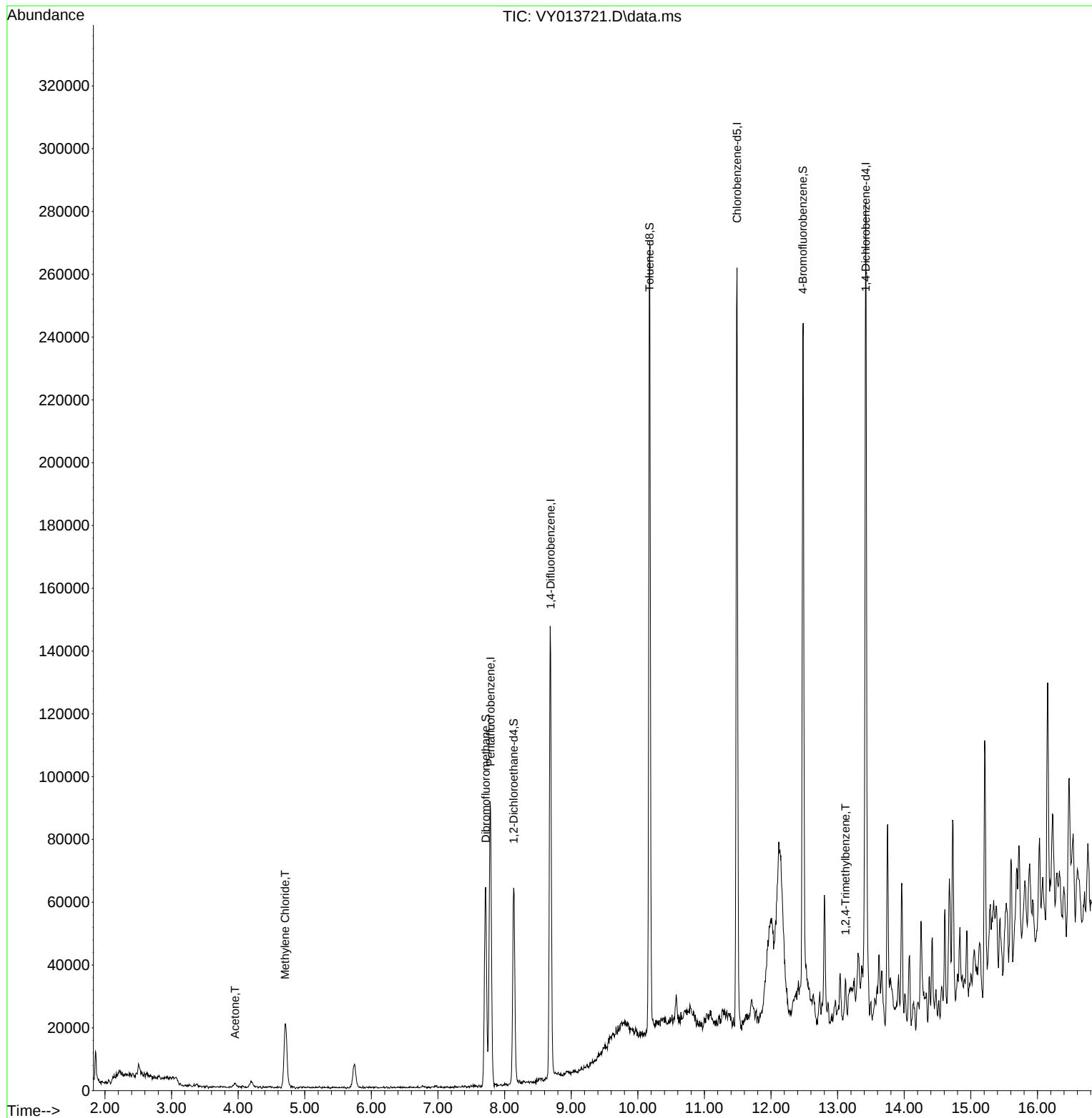
Internal Standards						
1) Pentafluorobenzene	7.789	168	69783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	117913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	125989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51172	66.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.780%
35) Dibromofluoromethane	7.715	113	44153	59.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.080%
50) Toluene-d8	10.178	98	162446	61.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	123.140%
62) 4-Bromofluorobenzene	12.477	95	57713	64.889	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	129.780%
Target Compounds						
						Qvalue
16) Acetone	3.954	43	2030	6.738	ug/l	91
20) Methylene Chloride	4.704	84	15060	9.387	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	7773	2.184	ug/l	93

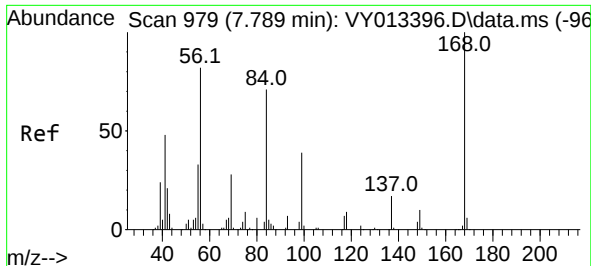
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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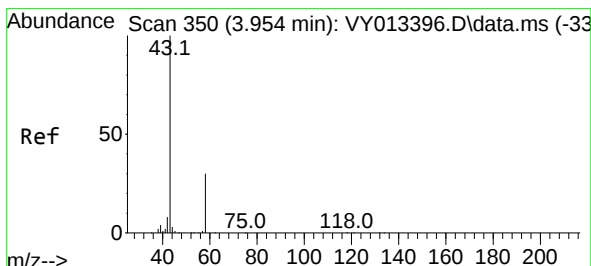
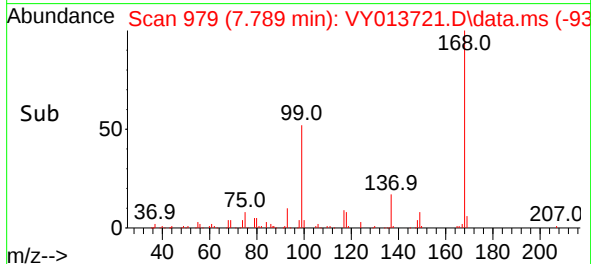
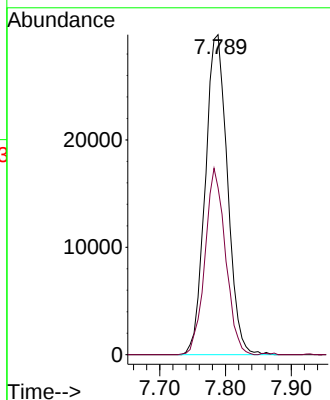
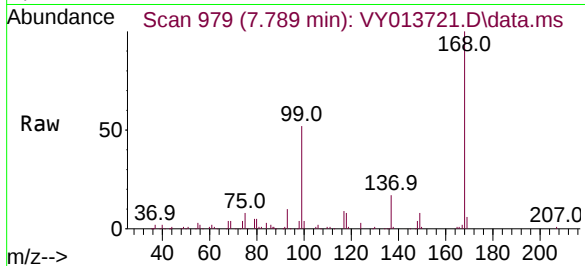




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013721.D
Acq: 11 May 2023 17:22

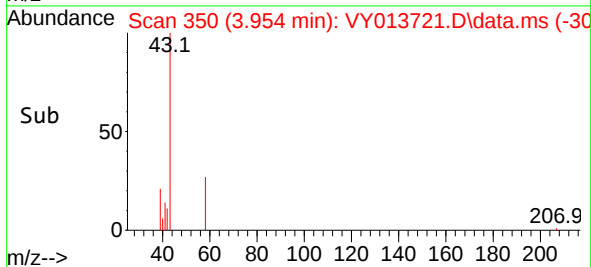
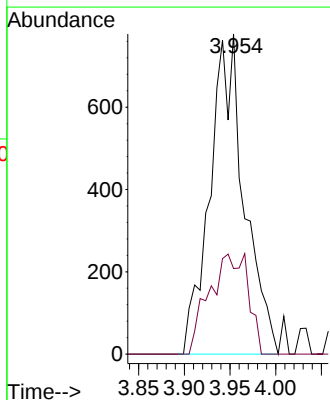
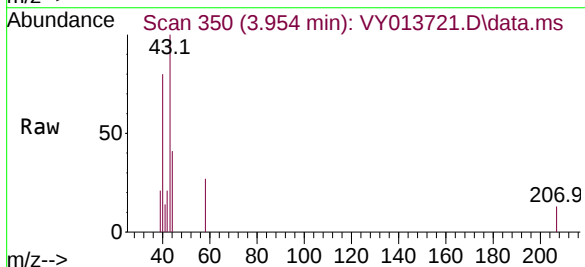
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-5-7-20230510

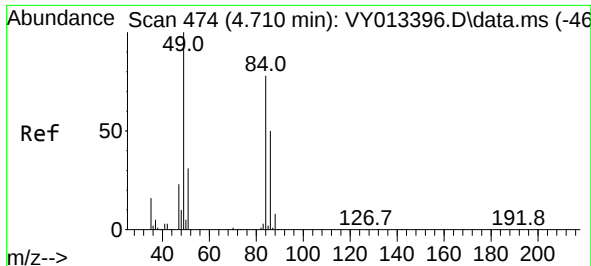
Tgt Ion:168 Resp: 69783
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#16
Acetone
Concen: 6.738 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013721.D
Acq: 11 May 2023 17:22

Tgt Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
58 26.7 25.4 38.0

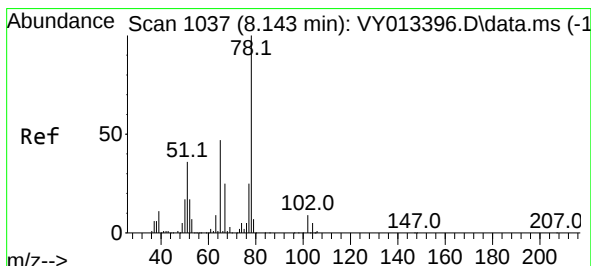
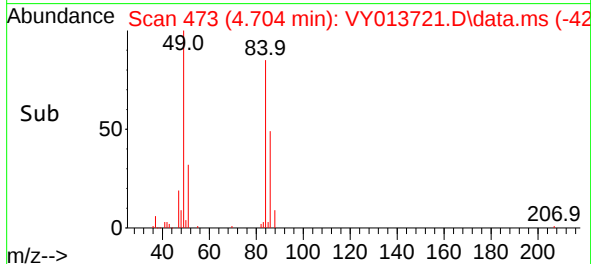
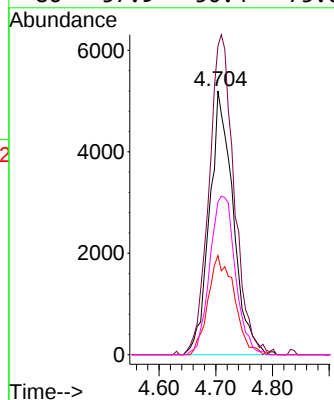
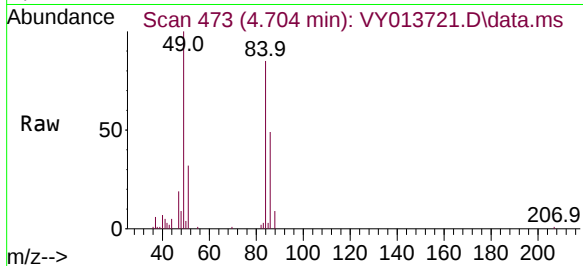




#20
Methylene Chloride
Concen: 9.387 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013721.D
Acq: 11 May 2023 17:22

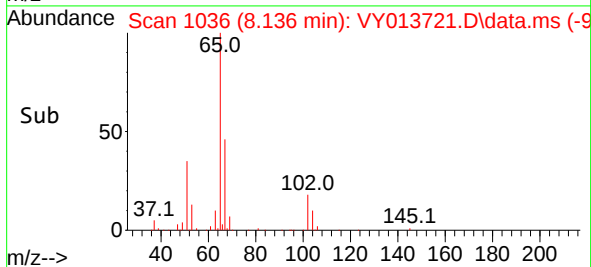
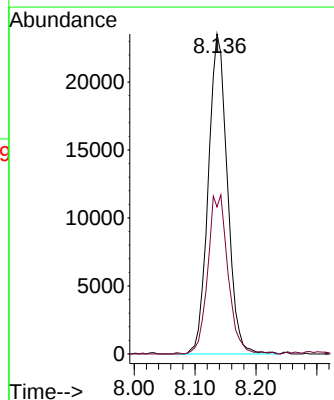
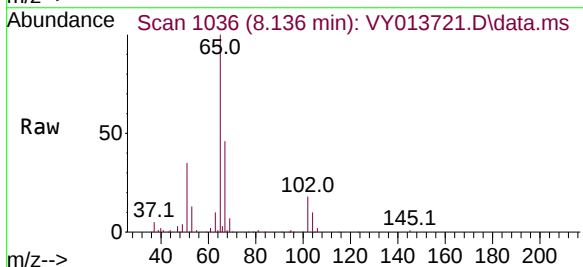
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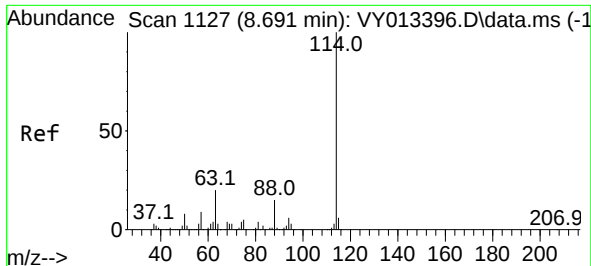
Tgt Ion:	84	Resp:	15060
Ion	Ratio	Lower	Upper
84	100		
49	117.1	88.0	132.0
51	37.6	27.4	41.0
86	57.9	50.4	75.6



#33
1,2-Dichloroethane-d4
Concen: 66.894 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013721.D
Acq: 11 May 2023 17:22

Tgt Ion:	65	Resp:	51172
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.4

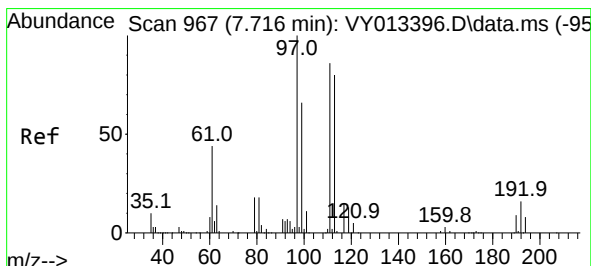
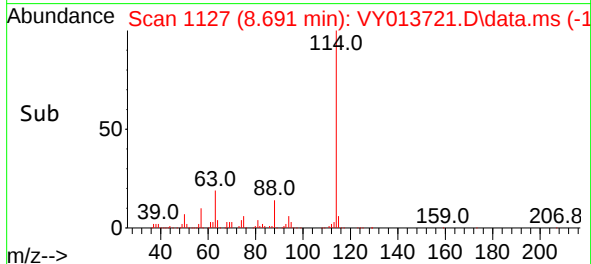
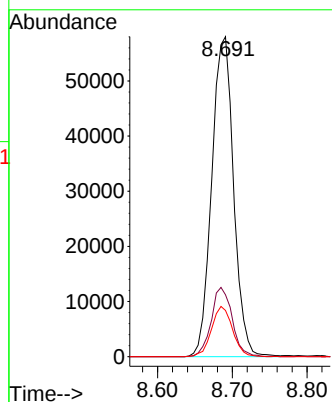
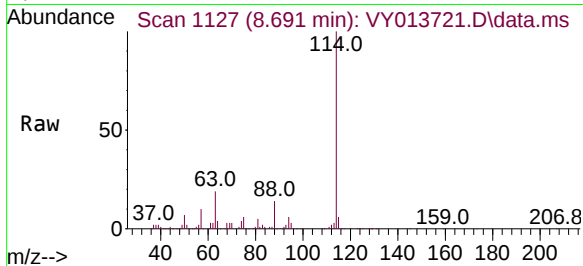




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013721.D
Acq: 11 May 2023 17:22

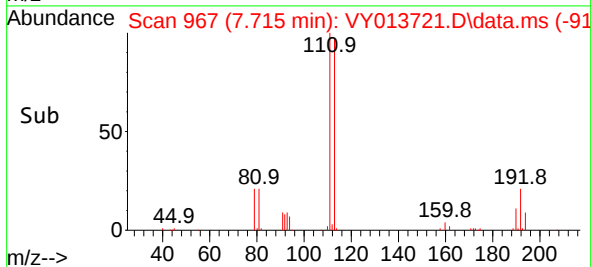
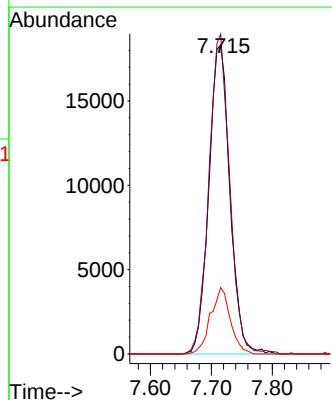
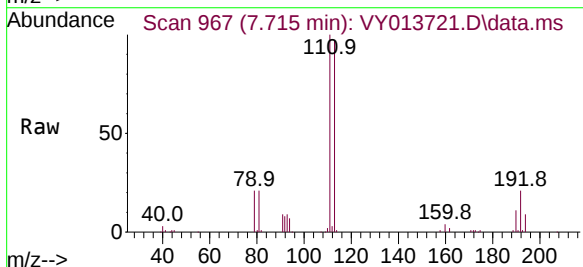
Instrument :
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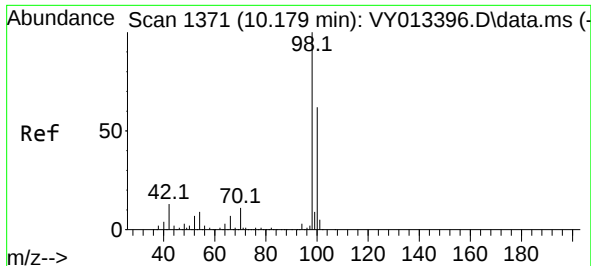
Tgt Ion:114	Resp:	117913
Ion	Ratio	Lower Upper
114	100	
63	19.4	0.0 36.6
88	14.5	0.0 28.8



#35
Dibromofluoromethane
Concen: 59.536 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY013721.D
Acq: 11 May 2023 17:22

Tgt Ion:113	Resp:	44153
Ion	Ratio	Lower Upper
113	100	
111	101.5	82.2 123.2
192	20.1	16.7 25.1

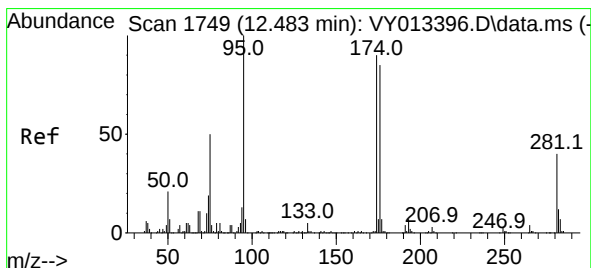
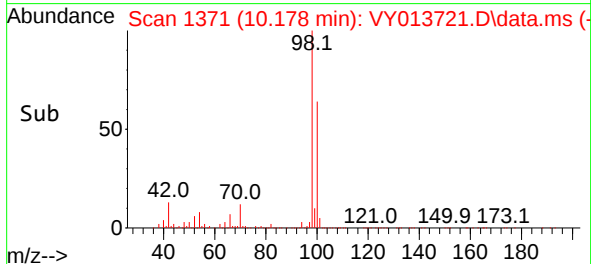
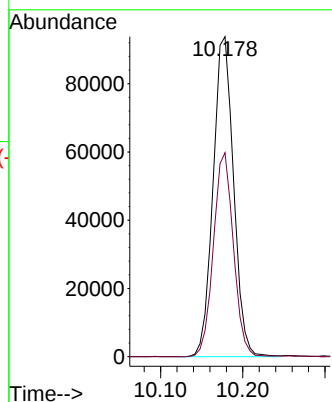
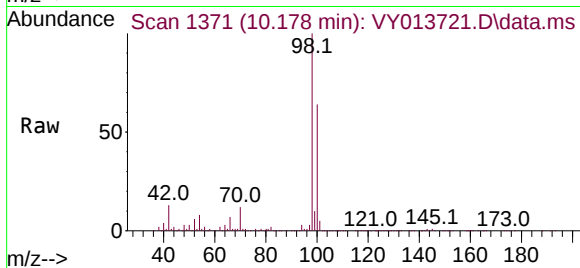




#50
Toluene-d8
Concen: 61.574 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013721.D
Acq: 11 May 2023 17:22

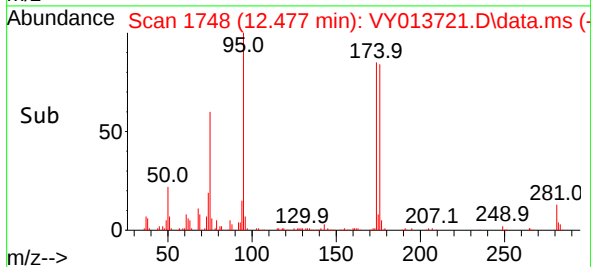
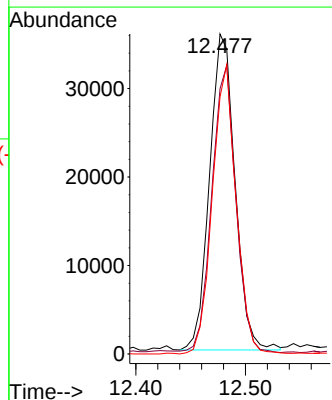
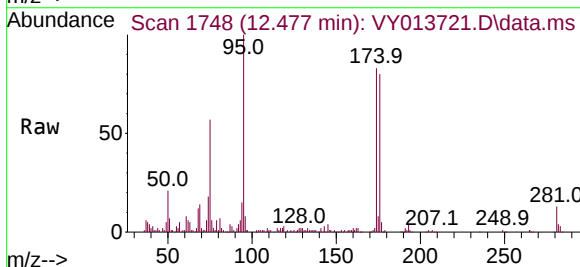
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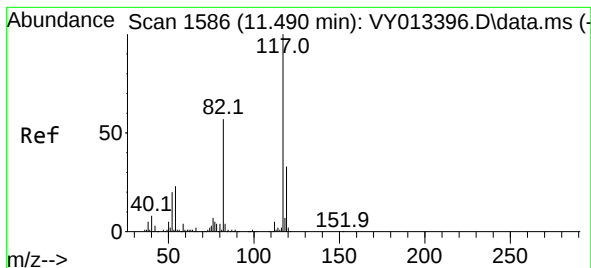
Tgt Ion: 98 Resp: 162446
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 64.889 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013721.D
Acq: 11 May 2023 17:22

Tgt Ion: 95 Resp: 57713
Ion Ratio Lower Upper
95 100
174 85.6 0.0 182.0
176 85.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013721.D

Acq: 11 May 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

SB-03-5-7-20230510

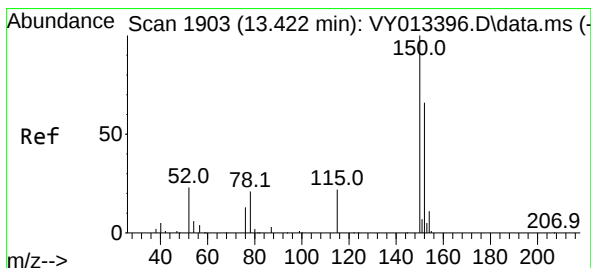
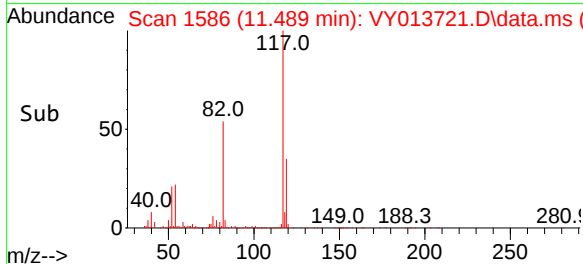
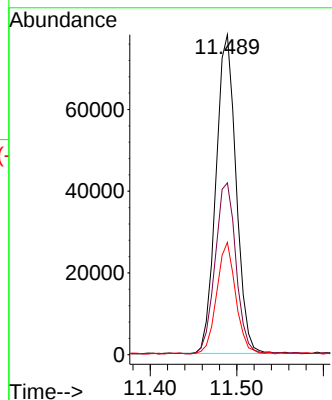
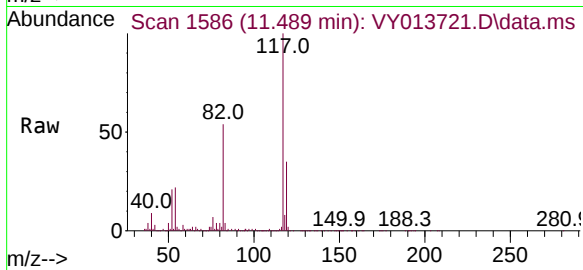
Tgt Ion:117 Resp: 125989

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.6

119 34.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013721.D

Acq: 11 May 2023 17:22

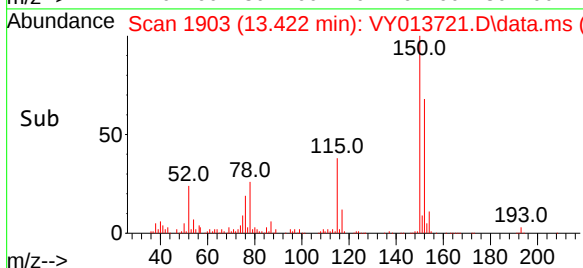
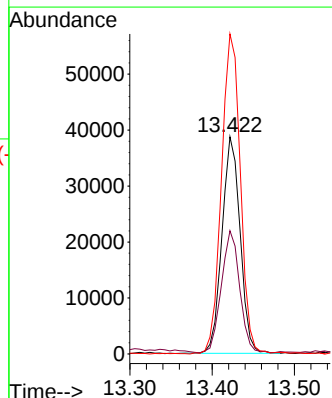
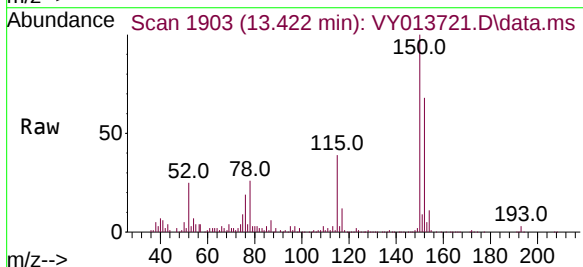
Tgt Ion:152 Resp: 59291

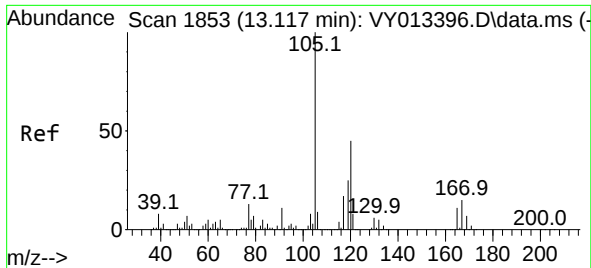
Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

150 153.8 0.0 352.0





#84
 1,2,4-Trimethylbenzene
 Concen: 2.184 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY013721.D
 Acq: 11 May 2023 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-5-7-20230510

Tgt Ion:105 Resp: 7773
 Ion Ratio Lower Upper
 105 100
 120 39.9 22.3 66.9

