

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014935.D
 Acq On : 02 Aug 2023 16:53
 Operator : SY/MD
 Sample : 03862-07
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BUILDING-B-15-(5-10)

Quant Time: Aug 03 02:45:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

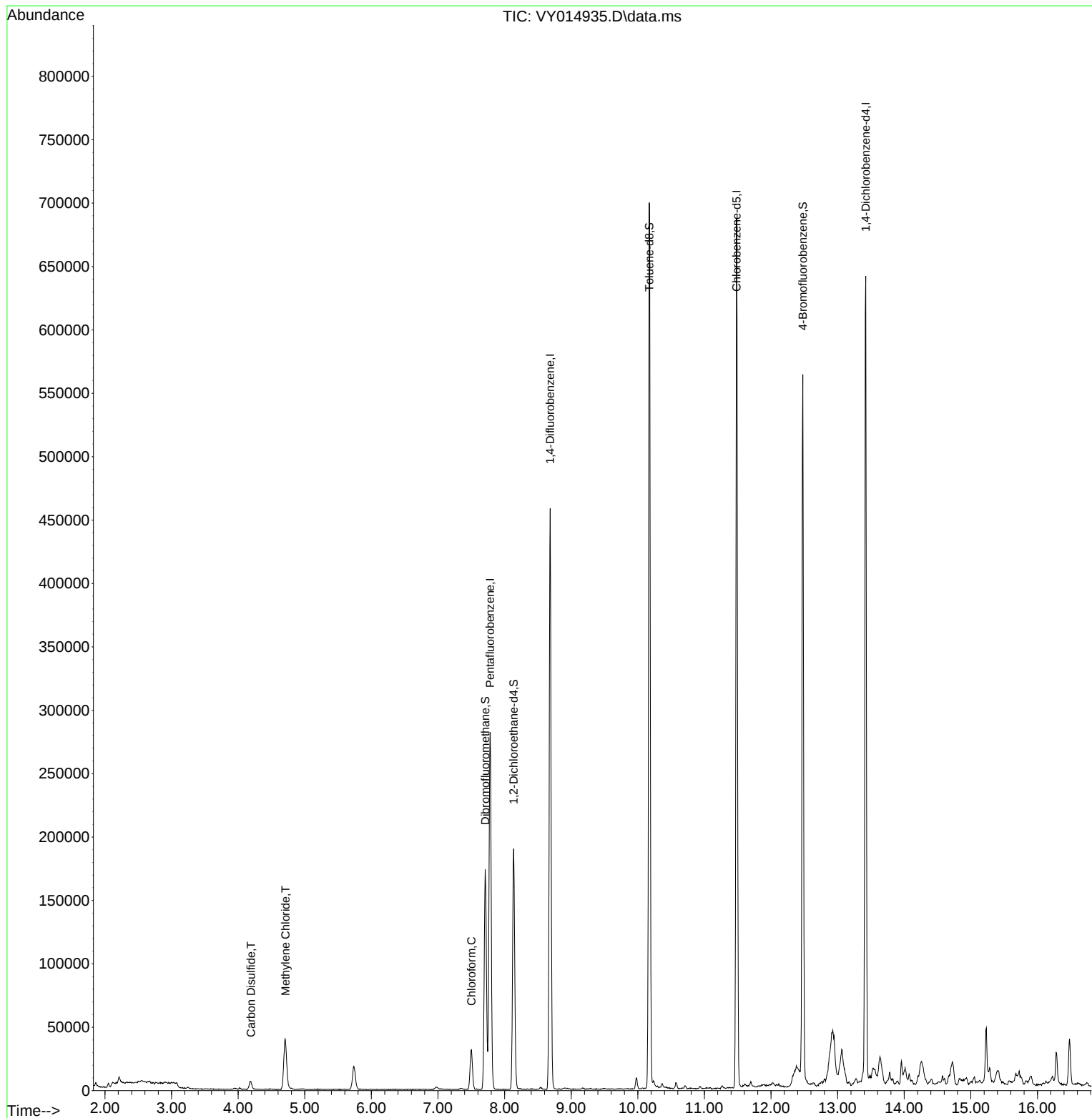
Internal Standards						
1) Pentafluorobenzene	7.783	168	219533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	365665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144897	57.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.840%
35) Dibromofluoromethane	7.710	113	122010	49.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.173	98	459281	50.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.477	95	167478	48.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.360%
Target Compounds						
17) Carbon Disulfide	4.192	76	12946	2.092	ug/l	99
20) Methylene Chloride	4.710	84	29950	8.090	ug/l	92
30) Chloroform	7.502	83	31405	6.820	ug/l	98

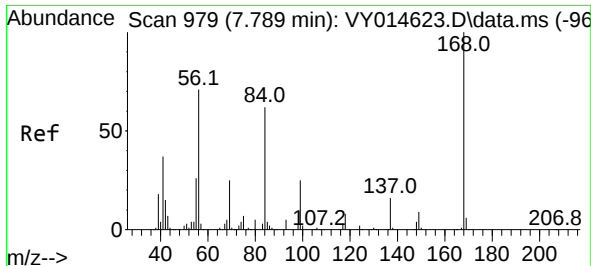
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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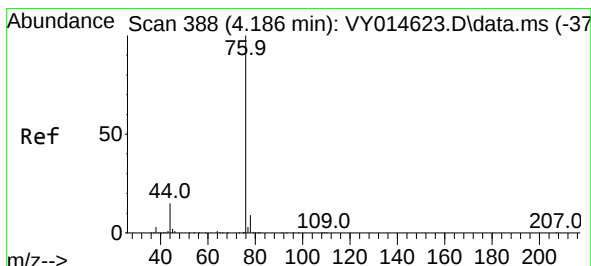
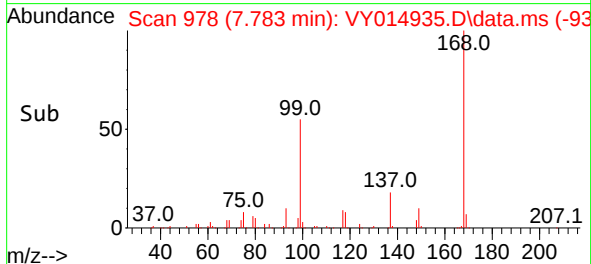
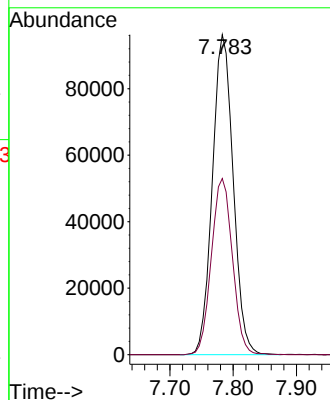
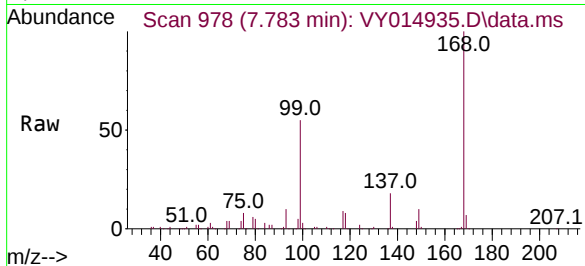




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014935.D
Acq: 02 Aug 2023 16:53

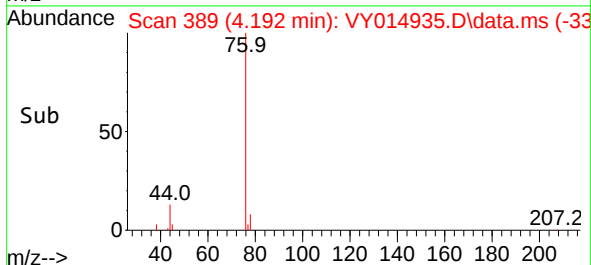
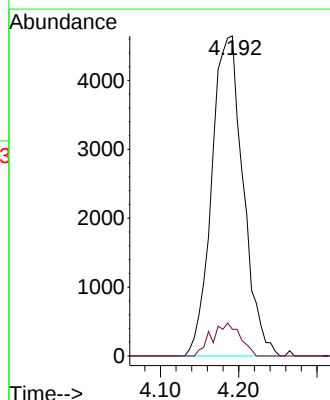
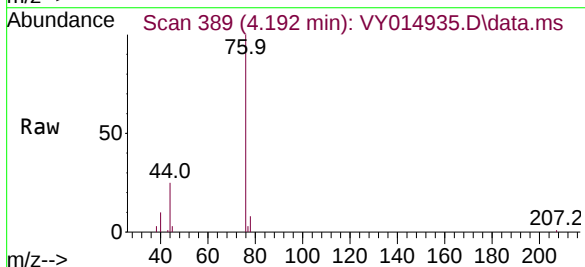
Instrument :
MSVOA_Y
ClientSampleId :
BUILDING-B-15-(5-10)

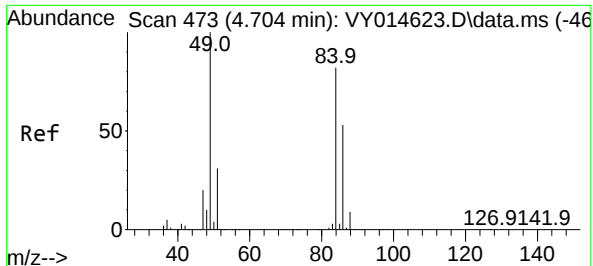
Tgt Ion:168 Resp: 219533
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#17
Carbon Disulfide
Concen: 2.092 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014935.D
Acq: 02 Aug 2023 16:53

Tgt Ion: 76 Resp: 12946
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4

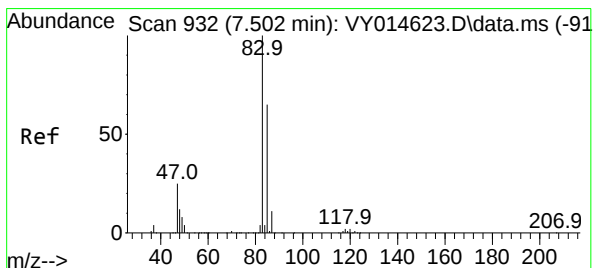
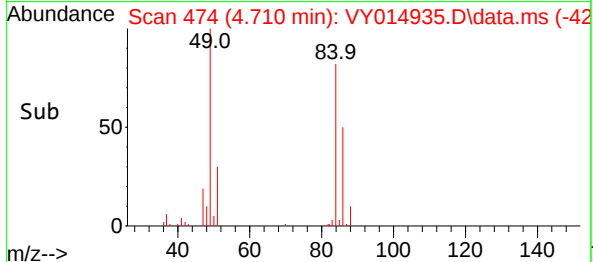
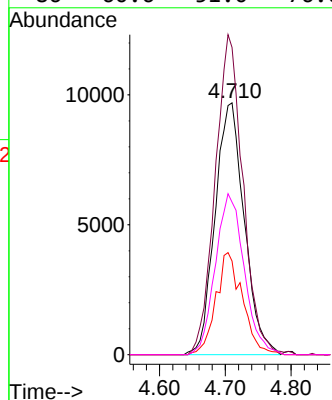
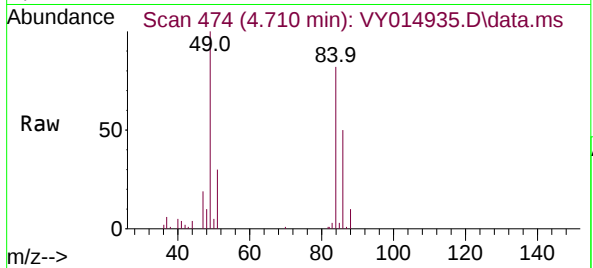




#20
Methylene Chloride
Concen: 8.090 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014935.D
Acq: 02 Aug 2023 16:53

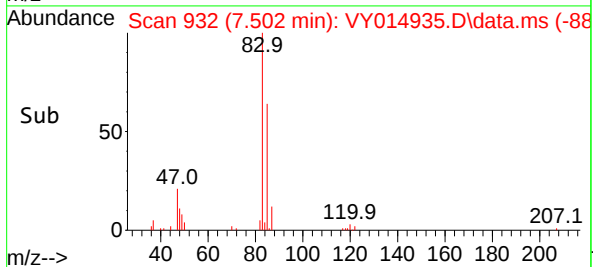
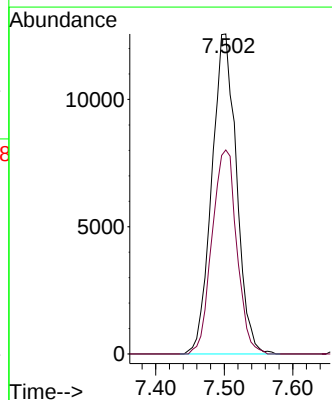
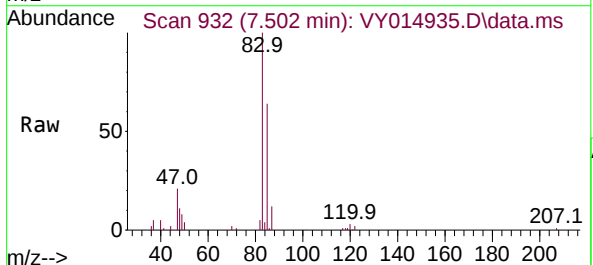
Instrument :
MSVOA_Y
ClientSampleId :
BUILDING-B-15-(5-10)

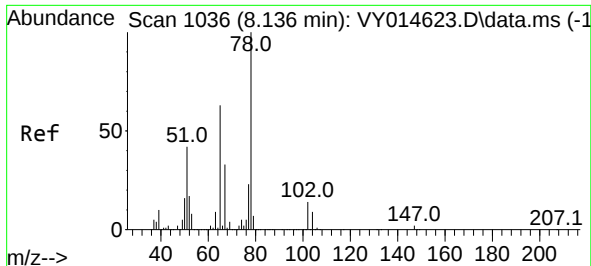
Tgt Ion:	84	Resp:	29950
Ion	Ratio	Lower	Upper
84	100		
49	122.0	106.9	160.3
51	37.2	33.2	49.8
86	60.6	51.0	76.6



#30
Chloroform
Concen: 6.820 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY014935.D
Acq: 02 Aug 2023 16:53

Tgt Ion:	83	Resp:	31405
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.7	74.5

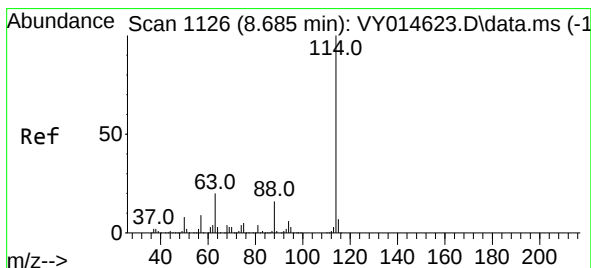
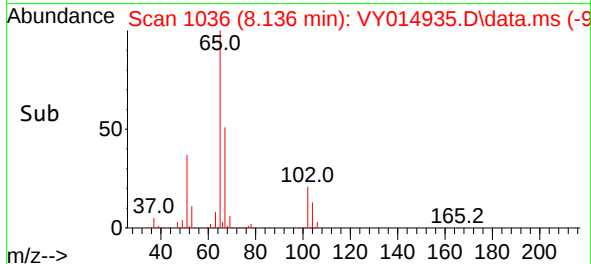
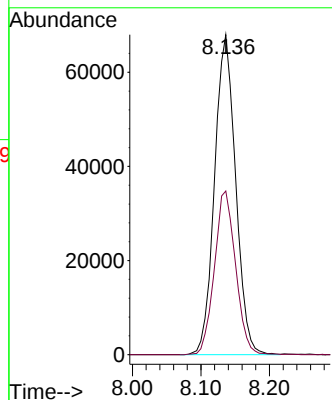
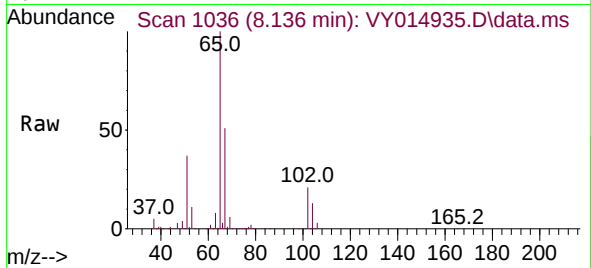




#33
 1,2-Dichloroethane-d4
 Concen: 57.920 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014935.D
 Acq: 02 Aug 2023 16:53

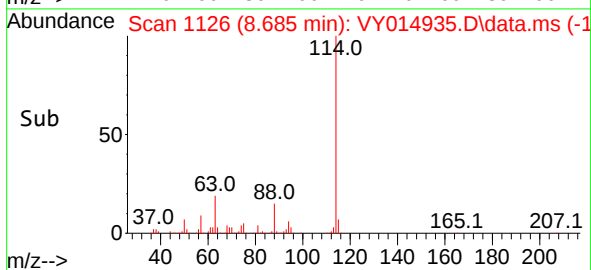
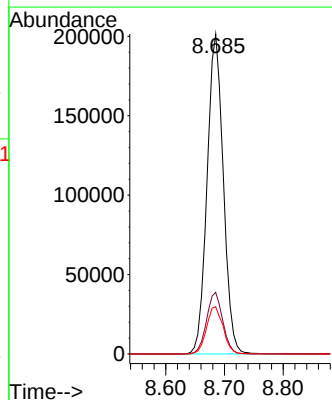
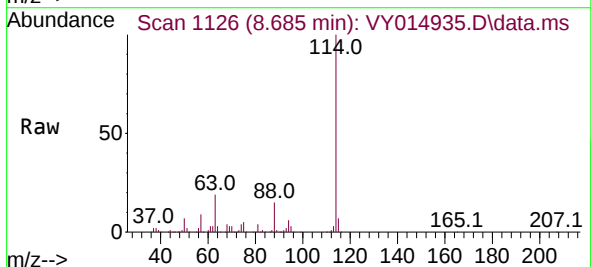
Instrument :
 MSVOA_Y
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 BUILDING-B-15-(5-10)

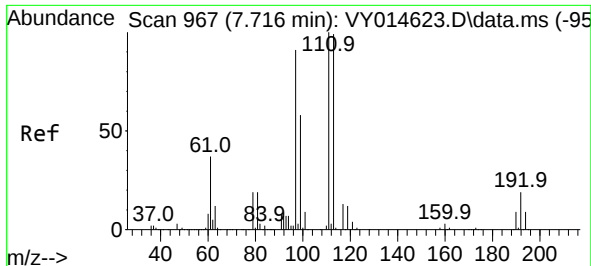
Tgt Ion: 65 Resp: 144897
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014935.D
 Acq: 02 Aug 2023 16:53

Tgt Ion: 114 Resp: 386299
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 14.7 0.0 30.6

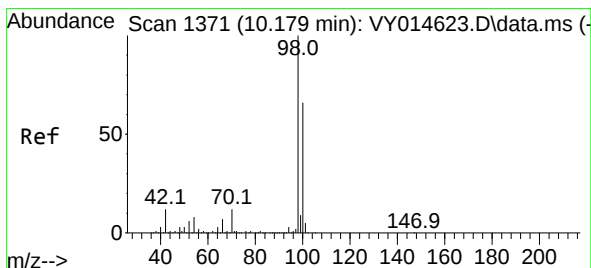
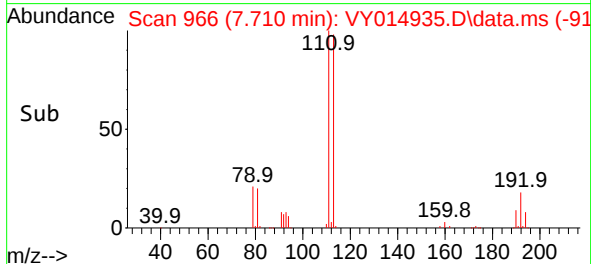
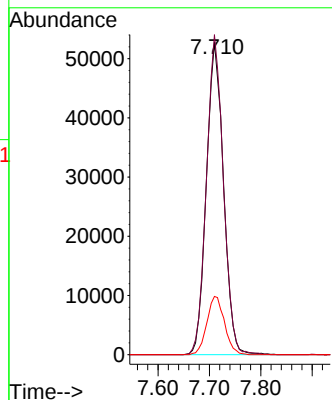
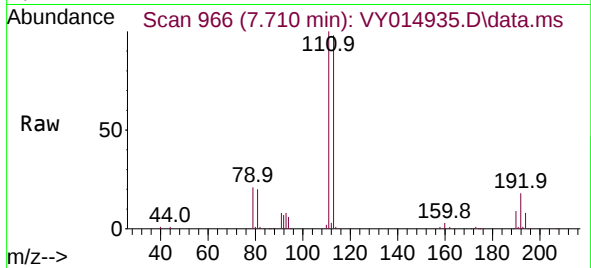




#35
Dibromofluoromethane
Concen: 49.616 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014935.D
Acq: 02 Aug 2023 16:53

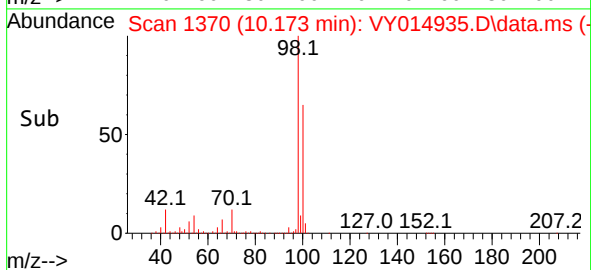
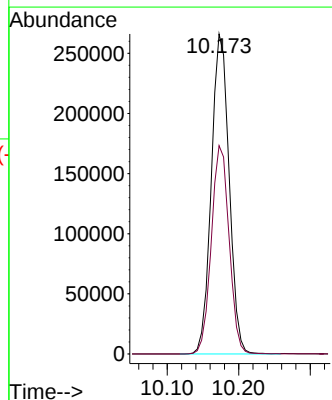
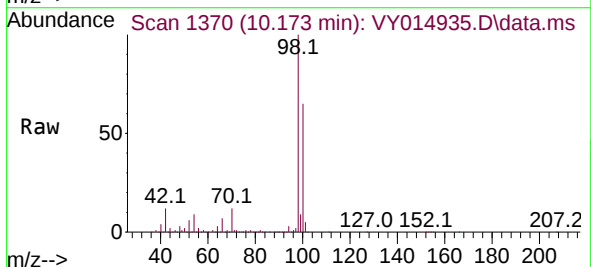
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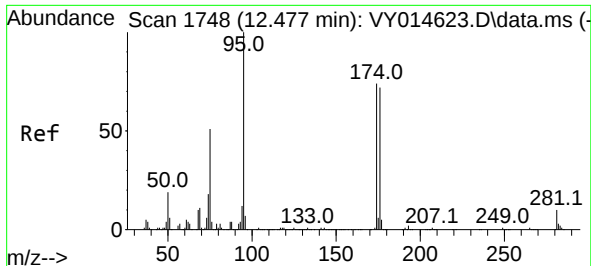
Tgt Ion:113 Resp: 122010
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.659 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014935.D
Acq: 02 Aug 2023 16:53

Tgt Ion: 98 Resp: 459281
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

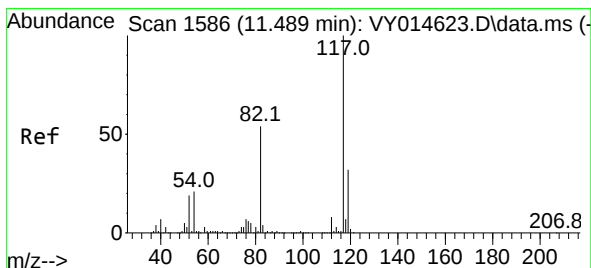
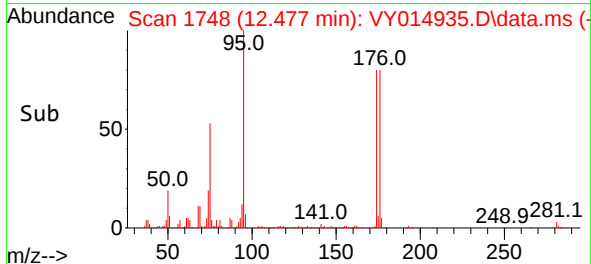
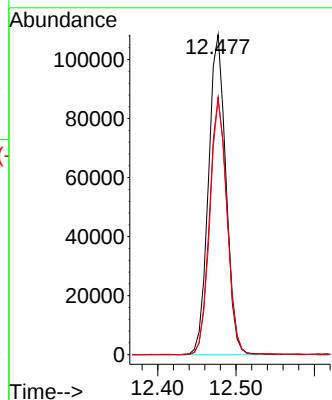
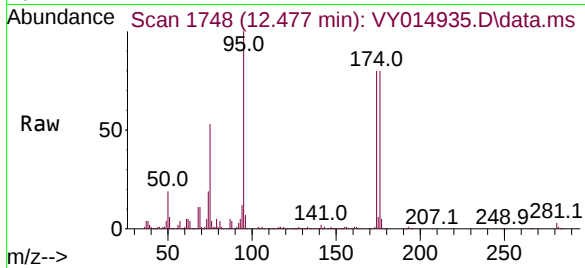




#62
4-Bromofluorobenzene
Concen: 48.177 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014935.D
Acq: 02 Aug 2023 16:53

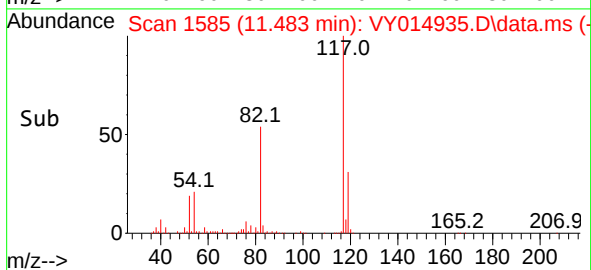
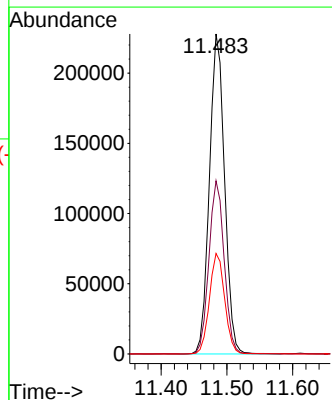
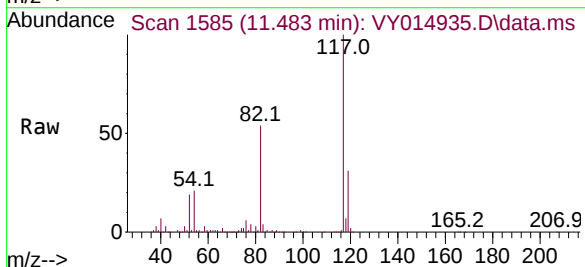
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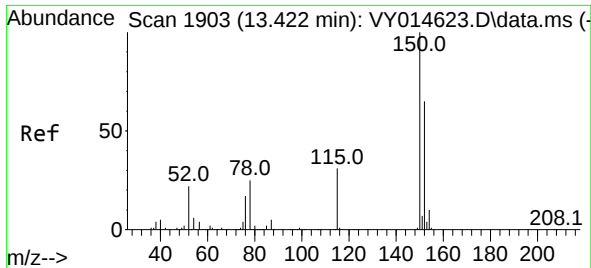
Tgt Ion: 95 Resp: 167478
Ion Ratio Lower Upper
95 100
174 80.7 0.0 178.2
176 78.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014935.D
Acq: 02 Aug 2023 16:53

Tgt Ion: 117 Resp: 365665
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.4 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: VY014935.D

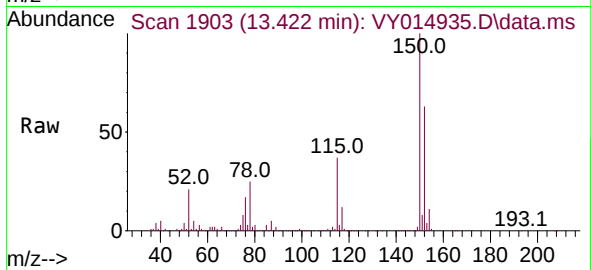
Acq: 02 Aug 2023 16:53

Instrument :

MSVOA_Y

ClientSampleId :

BUILDING-B-15-(5-10)



Tgt Ion:152 Resp: 161716

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 158.3 0.0 348.8

