

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013739.D
 Acq On : 15 May 2023 16:03
 Operator : KP/MD
 Sample : 02746-02
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-67-051023

Quant Time: May 16 01:32:39 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)

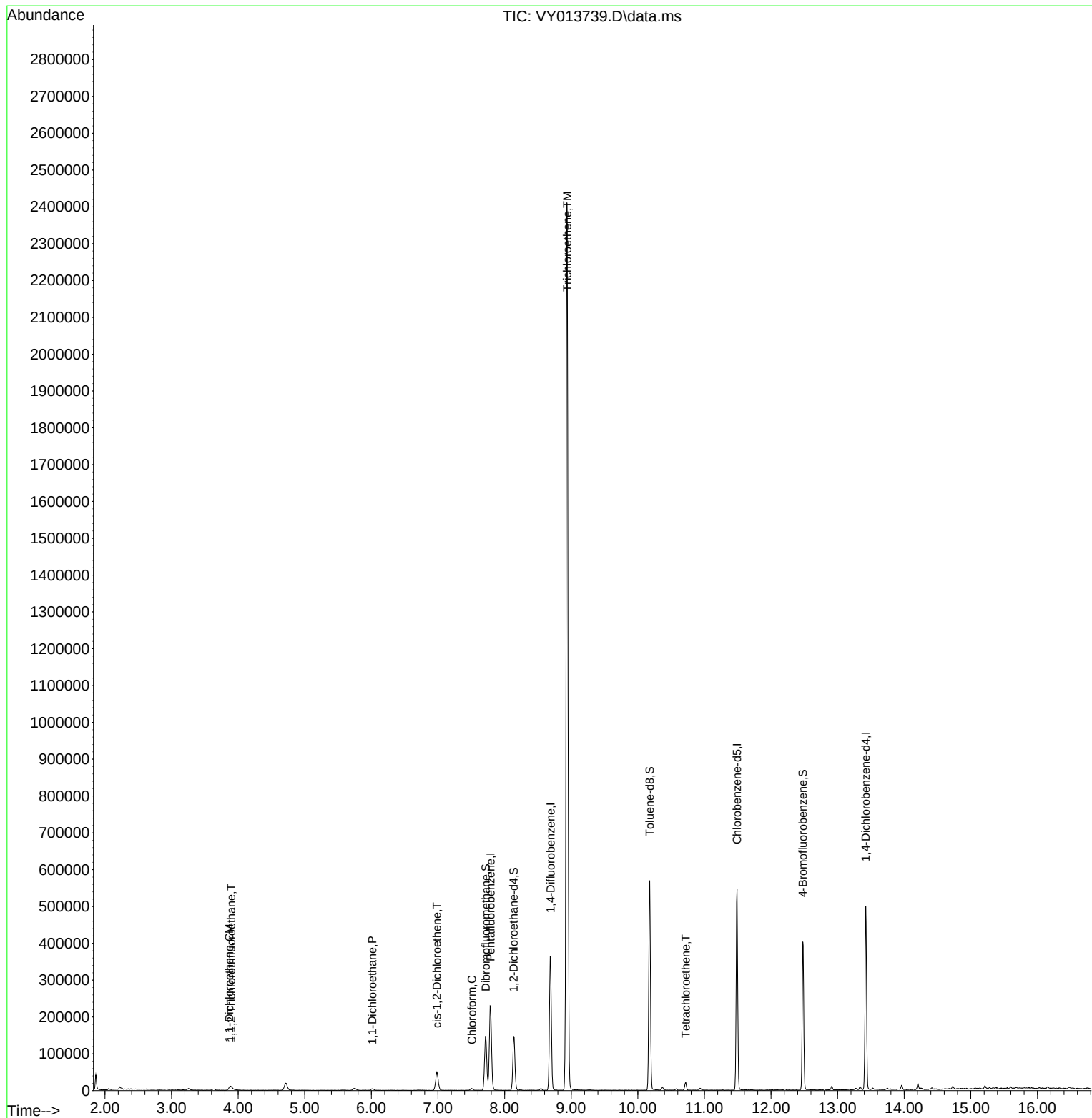
Internal Standards						
1) Pentafluorobenzene	7.789	168	177445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	303725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115425	59.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.680%	
35) Dibromofluoromethane	7.715	113	100093	52.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.800%	
50) Toluene-d8	10.178	98	372844	54.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.720%	
62) 4-Bromofluorobenzene	12.477	95	119308	52.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.160%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	3.893	101	4275	2.235	ug/l	95
12) 1,1-Dichloroethene	3.869	96	3750	2.033	ug/l	98
24) 1,1-Dichloroethane	6.015	63	5916	1.587	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	28397	12.747	ug/l	95
30) Chloroform	7.508	83	4753	1.282	ug/l	88
44) Trichloroethene	8.941	130	824642	347.138	ug/l	95
64) Tetrachloroethene	10.721	164	4541	2.111	ug/l	93

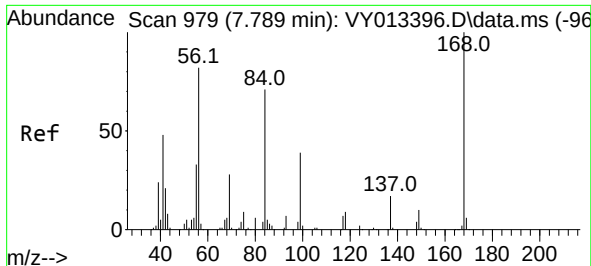
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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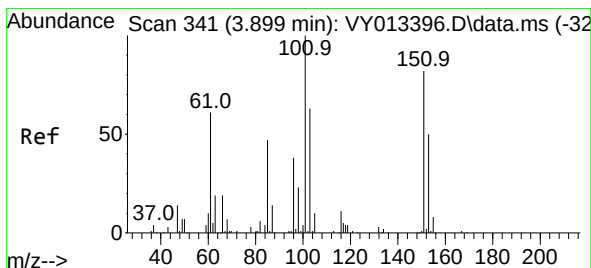
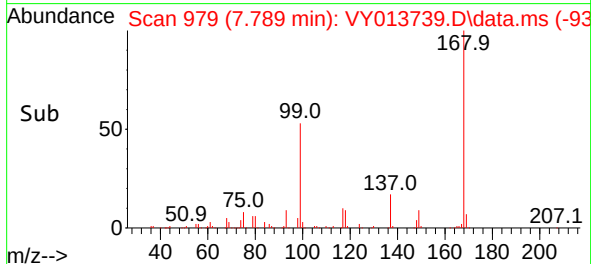
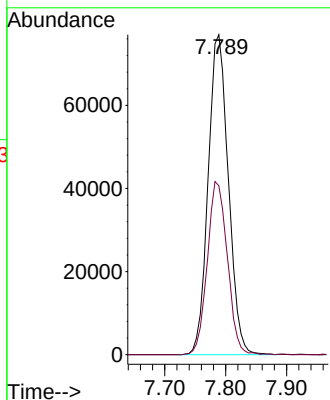
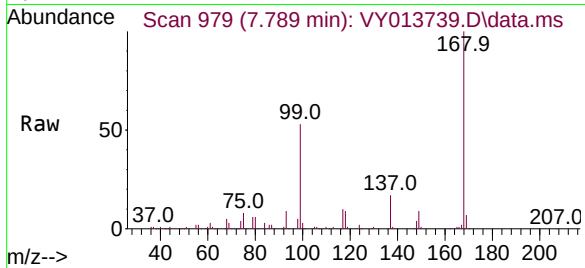




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013739.D
Acq: 15 May 2023 16:03

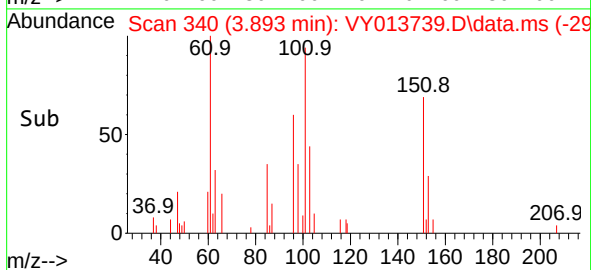
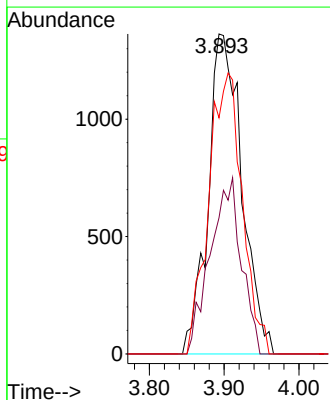
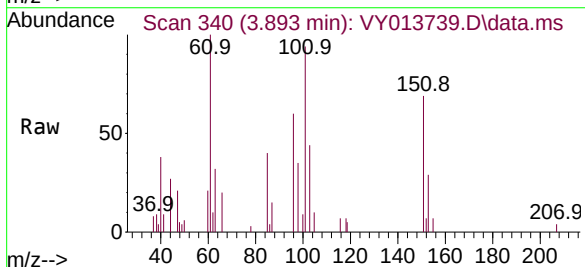
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-67-051023

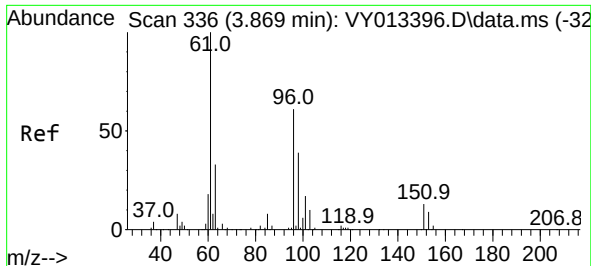
Tgt Ion:168 Resp: 177445
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.235 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY013739.D
Acq: 15 May 2023 16:03

Tgt Ion:101 Resp: 4275
Ion Ratio Lower Upper
101 100
85 50.6 35.6 53.4
151 87.6 68.0 102.0





#12

1,1-Dichloroethene

Concen: 2.033 ug/l

RT: 3.869 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY013739.D

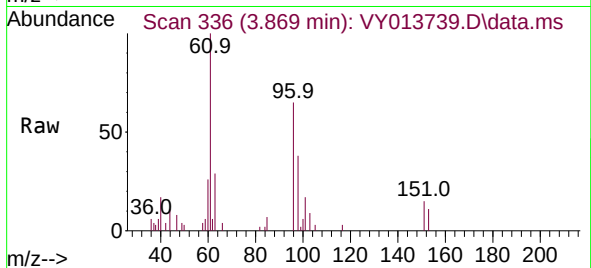
Acq: 15 May 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-67-051023



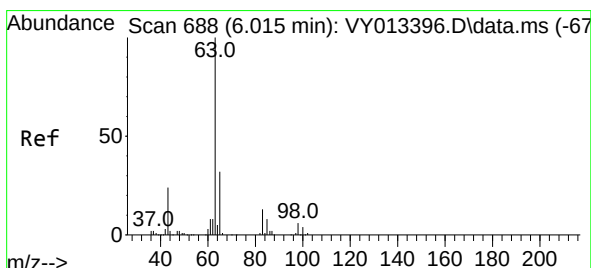
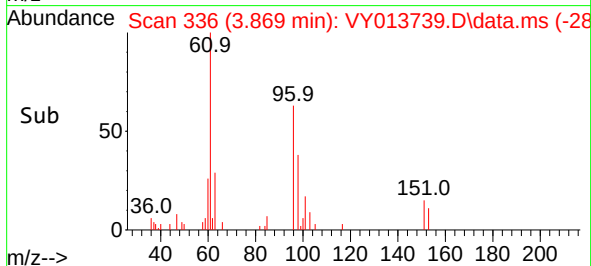
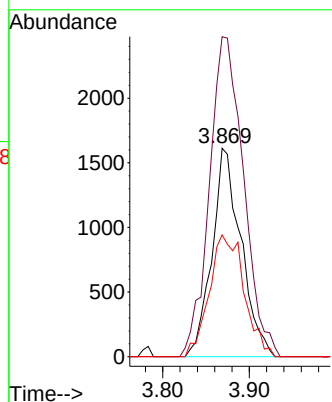
Tgt Ion: 96 Resp: 3750

Ion Ratio Lower Upper

96 100

61 153.5 123.9 185.9

98 58.4 48.9 73.3



#24

1,1-Dichloroethane

Concen: 1.587 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY013739.D

Acq: 15 May 2023 16:03

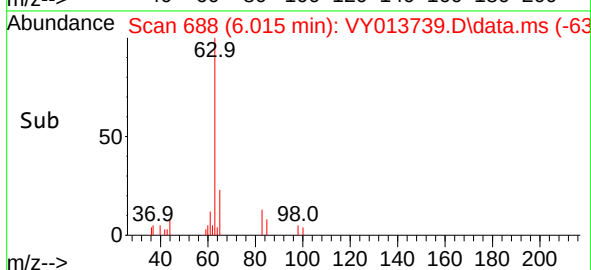
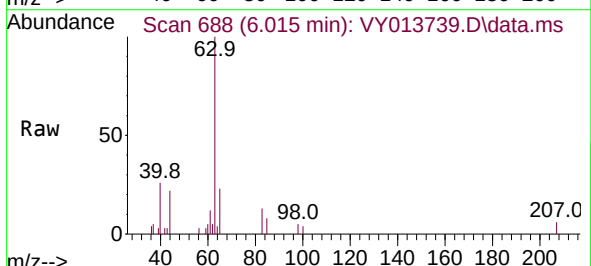
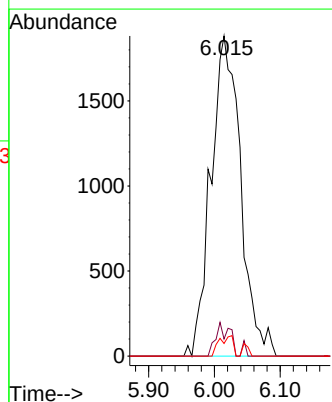
Tgt Ion: 63 Resp: 5916

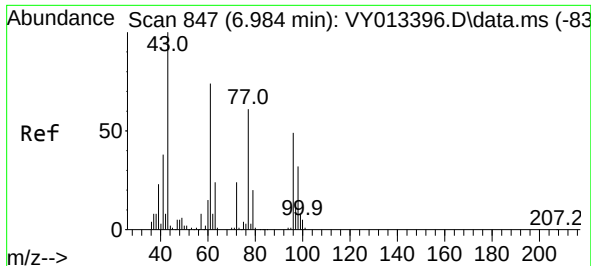
Ion Ratio Lower Upper

63 100

98 5.3 3.5 10.6

100 3.9 2.2 6.6

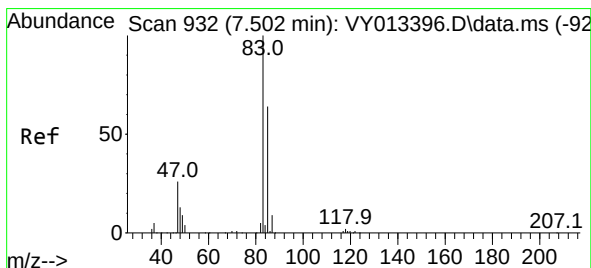
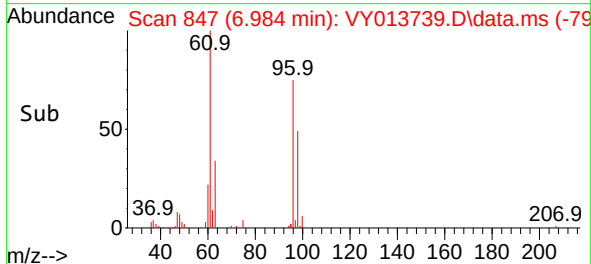
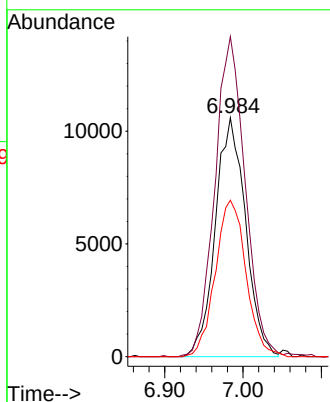
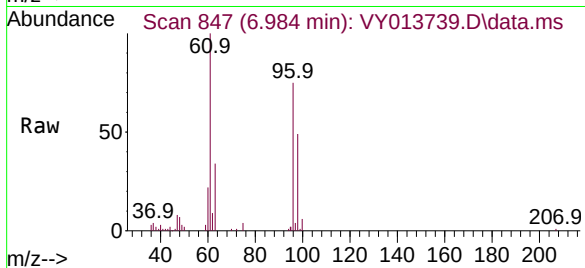




#27
 cis-1,2-Dichloroethene
 Concen: 12.747 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY013739.D
 Acq: 15 May 2023 16:03

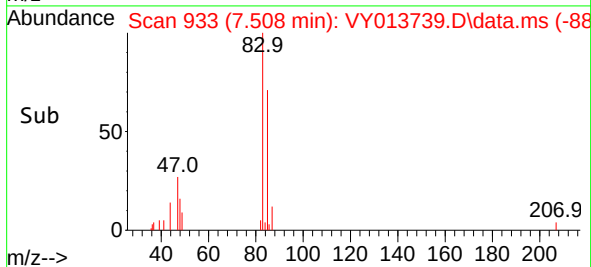
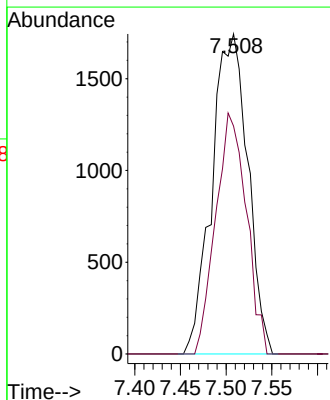
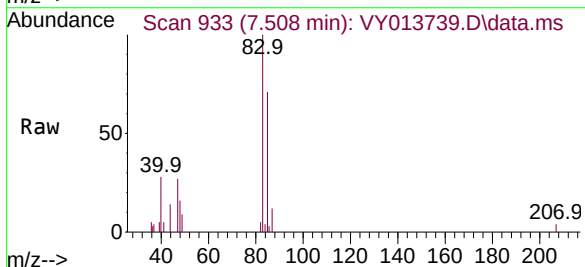
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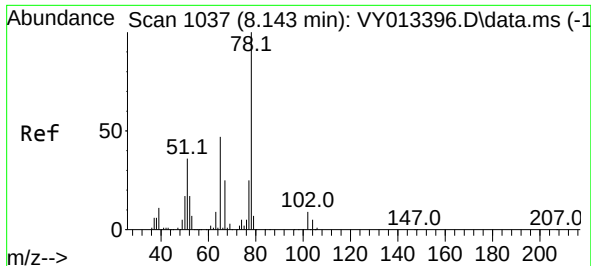
Tgt Ion: 96 Resp: 28397
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 285.0
 98 66.5 0.0 130.6



#30
 Chloroform
 Concen: 1.282 ug/l
 RT: 7.508 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VY013739.D
 Acq: 15 May 2023 16:03

Tgt Ion: 83 Resp: 4753
 Ion Ratio Lower Upper
 83 100
 85 74.1 52.0 78.0

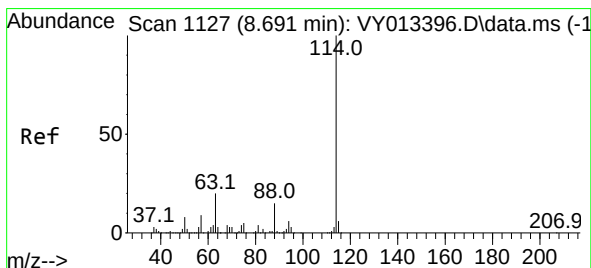
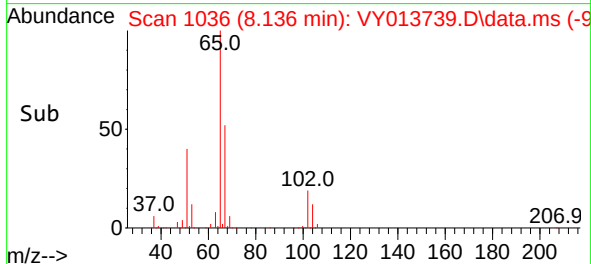
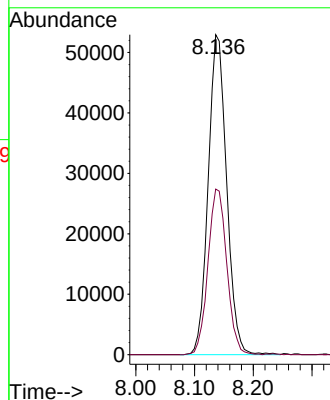
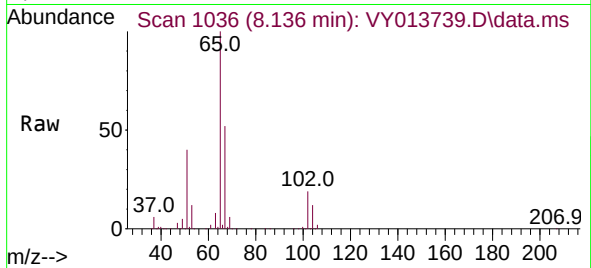




#33
 1,2-Dichloroethane-d4
 Concen: 59.339 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY013739.D
 Acq: 15 May 2023 16:03

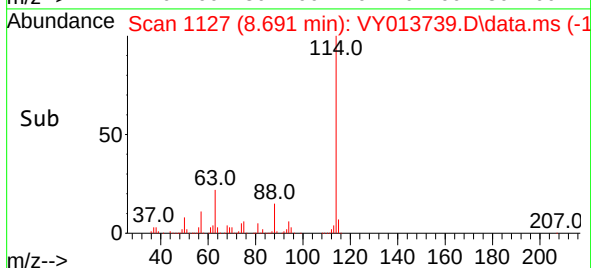
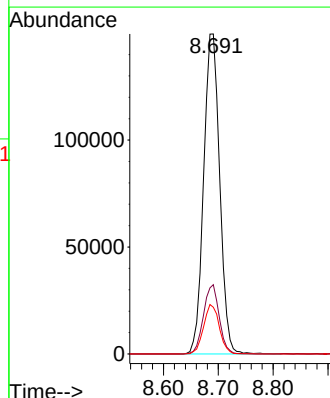
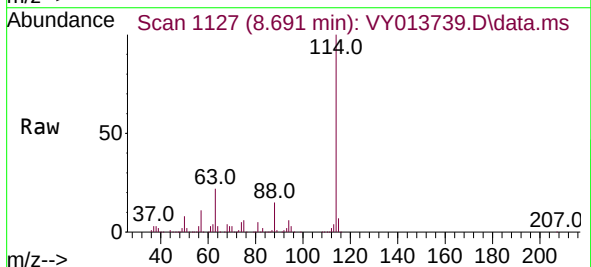
Instrument :
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 ClientSampleId :
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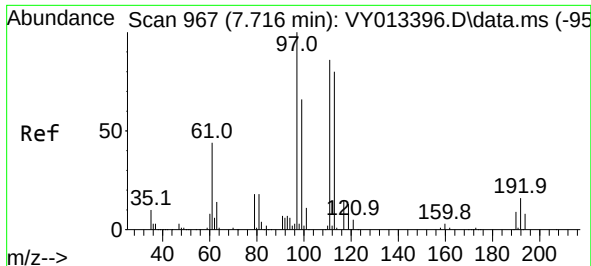
Tgt Ion: 65 Resp: 115425
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013739.D
 Acq: 15 May 2023 16:03

Tgt Ion: 114 Resp: 303725
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 36.6
 88 14.6 0.0 28.8

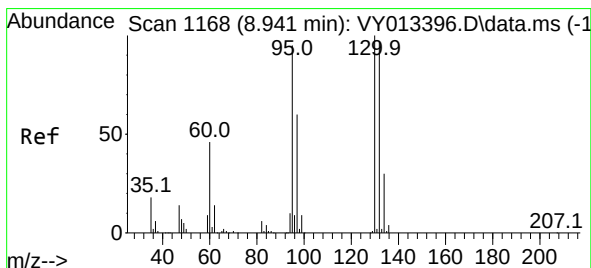
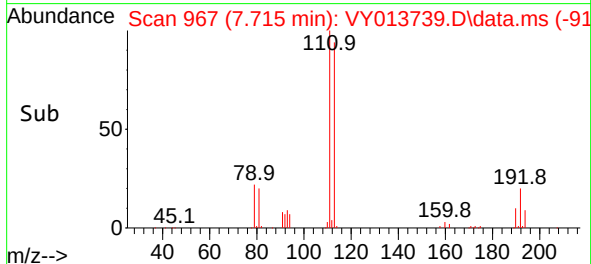
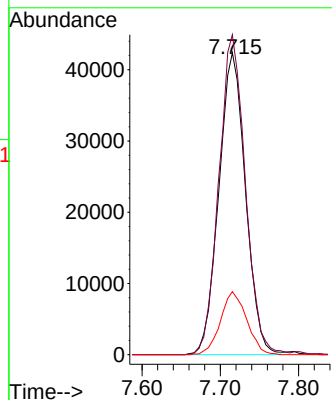
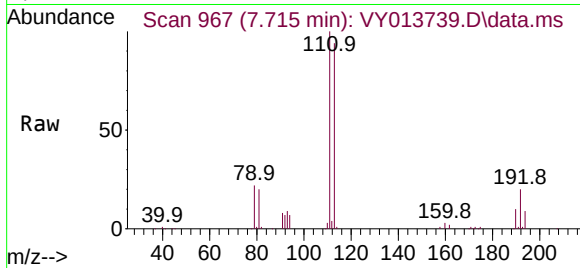




#35
Dibromofluoromethane
Concen: 52.397 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY013739.D
Acq: 15 May 2023 16:03

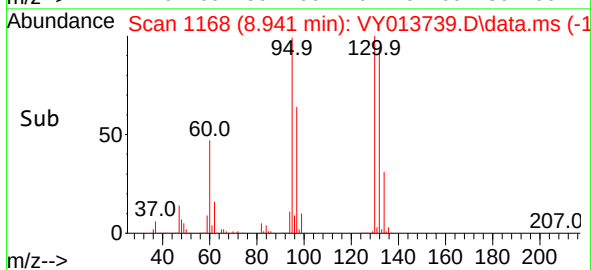
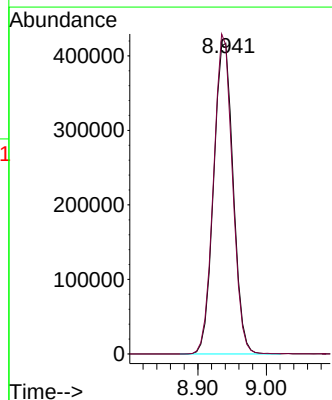
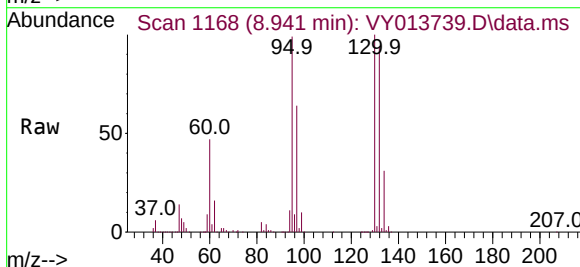
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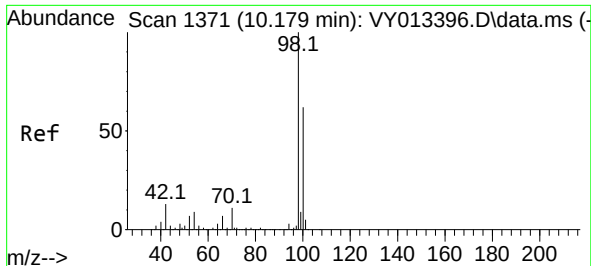
Tgt Ion:113 Resp: 100093
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.2
192 20.6 16.7 25.1



#44
Trichloroethene
Concen: 347.138 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013739.D
Acq: 15 May 2023 16:03

Tgt Ion:130 Resp: 824642
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.8

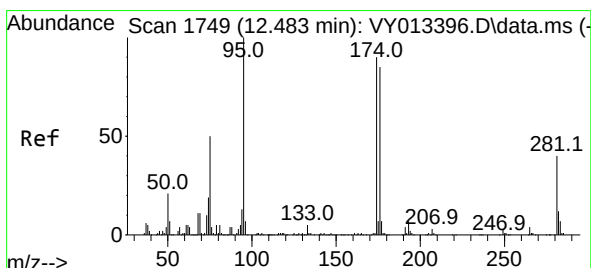
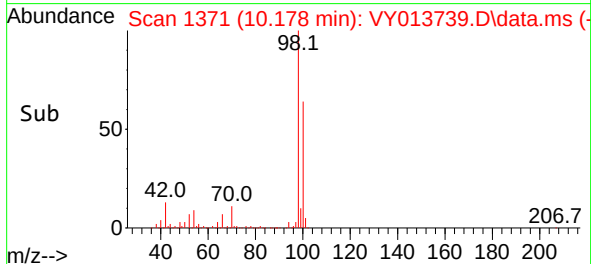
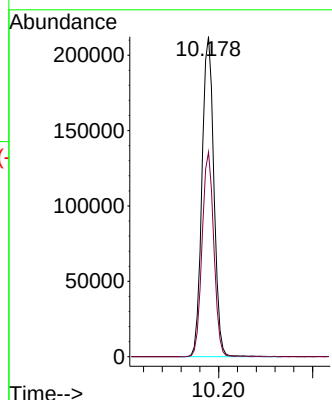
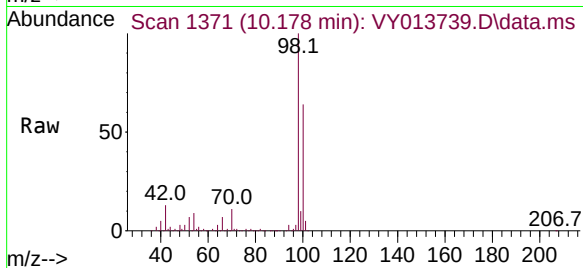




#50
Toluene-d8
Concen: 54.865 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013739.D
Acq: 15 May 2023 16:03

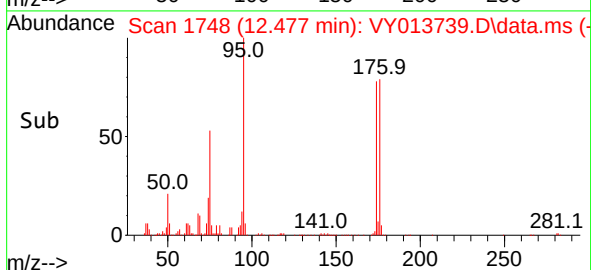
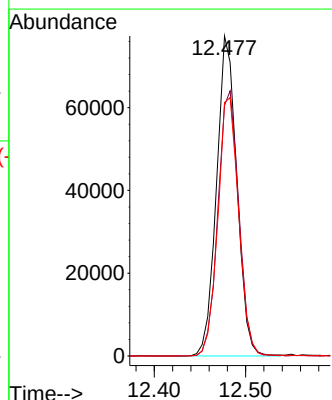
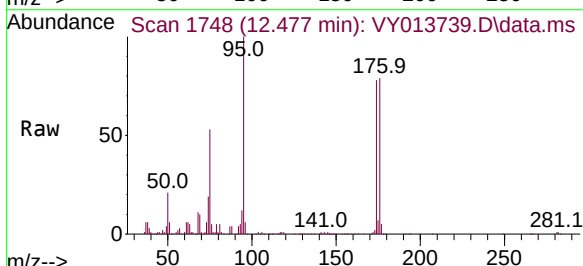
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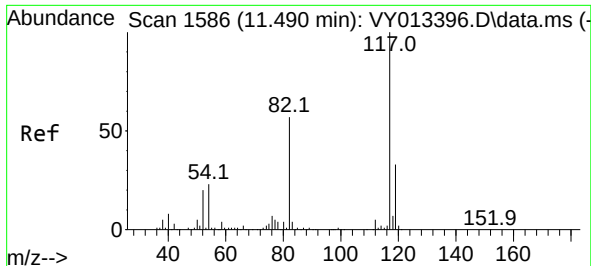
Tgt Ion: 98 Resp: 372844
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.077 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013739.D
Acq: 15 May 2023 16:03

Tgt Ion: 95 Resp: 119308
Ion Ratio Lower Upper
95 100
174 85.3 0.0 182.0
176 82.9 0.0 175.4

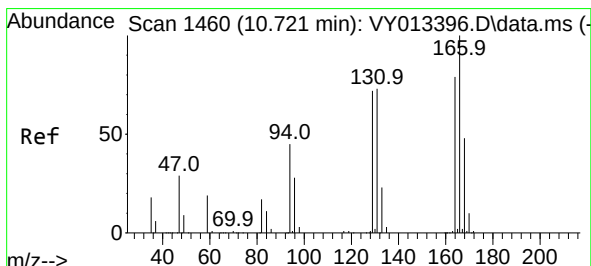
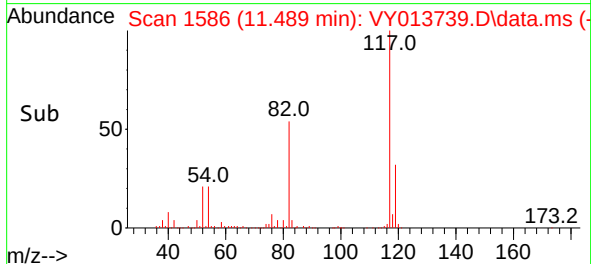
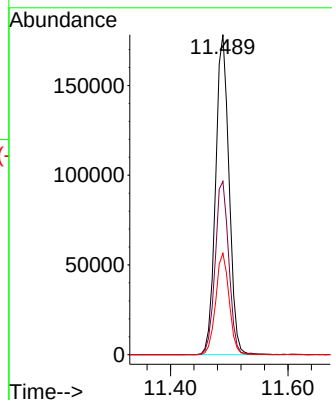
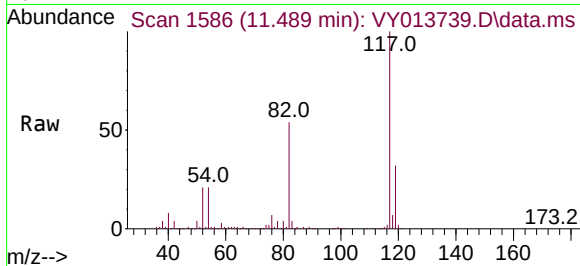




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013739.D
Acq: 15 May 2023 16:03

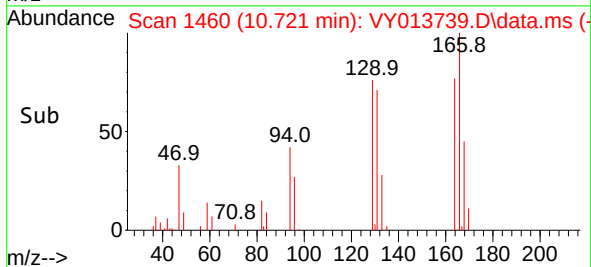
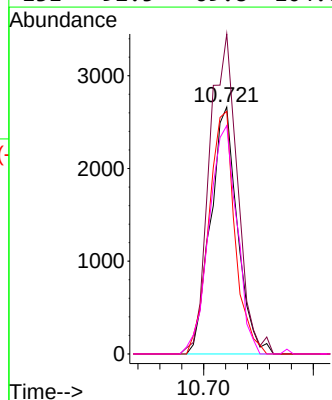
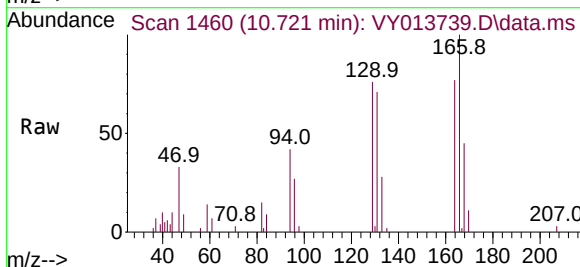
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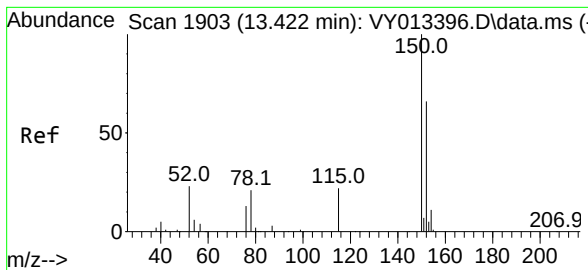
Tgt Ion:117 Resp: 282905
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.6
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 2.111 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013739.D
Acq: 15 May 2023 16:03

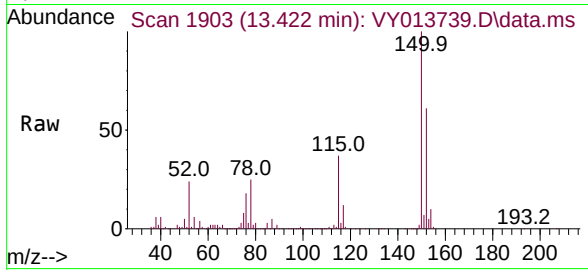
Tgt Ion:164 Resp: 4541
Ion Ratio Lower Upper
164 100
166 129.6 97.5 146.3
129 98.3 72.6 109.0
131 92.5 69.8 104.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013739.D
 Acq: 15 May 2023 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-67-051023



Tgt Ion:152 Resp: 124981
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.1 84.2
 150 157.5 0.0 352.0

