

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013804.D
 Acq On : 18 May 2023 16:51
 Operator : KP/MD
 Sample : 02723-08
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-35.5-050923

Quant Time: May 19 03:22:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

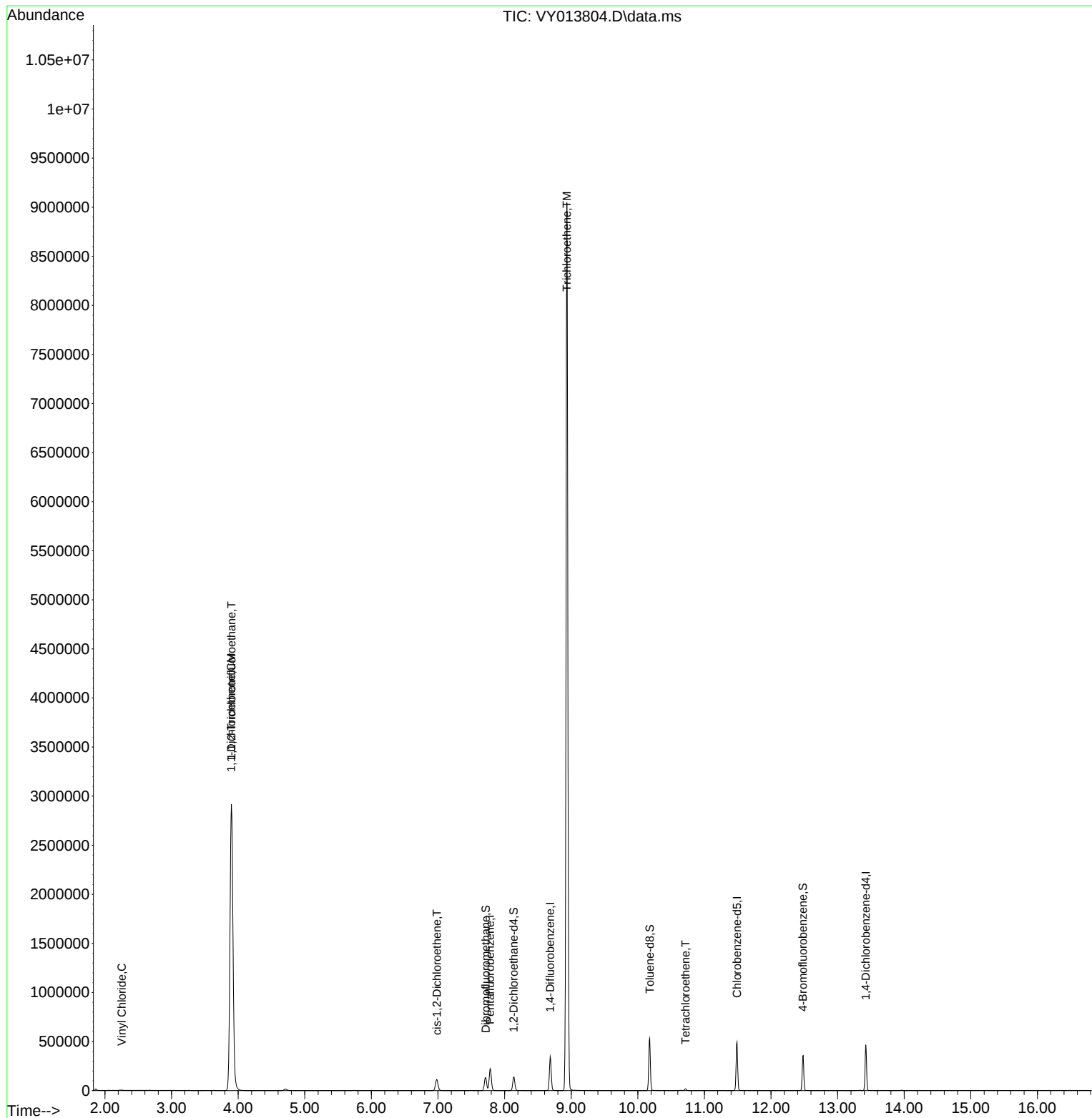
Internal Standards						
1) Pentafluorobenzene	7.783	168	173687	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	278810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	261022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113582	56.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.580%	
35) Dibromofluoromethane	7.716	113	93358	52.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.440%	
50) Toluene-d8	10.179	98	341739	50.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.477	95	103471	45.959	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.920%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	2107	1.116	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	1842698	1145.927	ug/l	98
12) 1,1-Dichloroethene	3.893	96	8311	5.702	ug/l #	47
27) cis-1,2-Dichloroethene	6.984	96	70092	36.244	ug/l	87
44) Trichloroethene	8.935	130	2891376	1540.735	ug/l	94
64) Tetrachloroethene	10.715	164	4024	2.430	ug/l	89

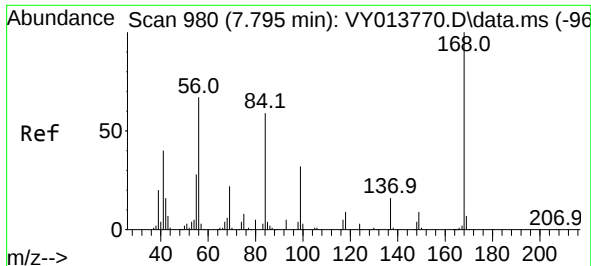
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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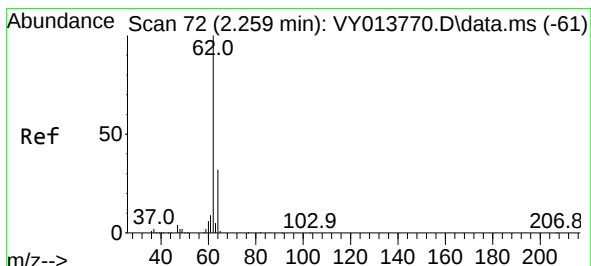
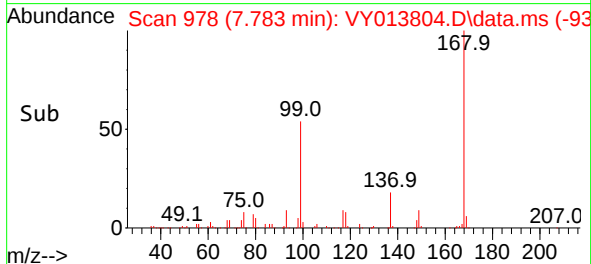
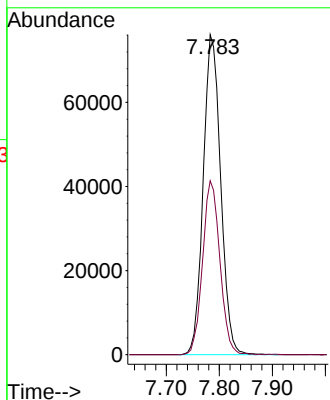
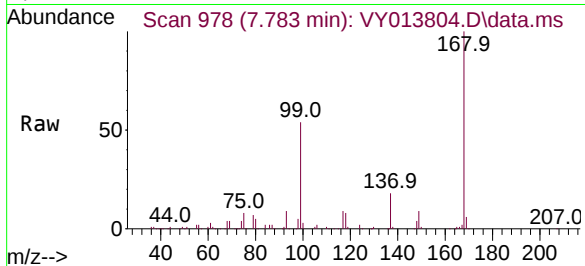




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

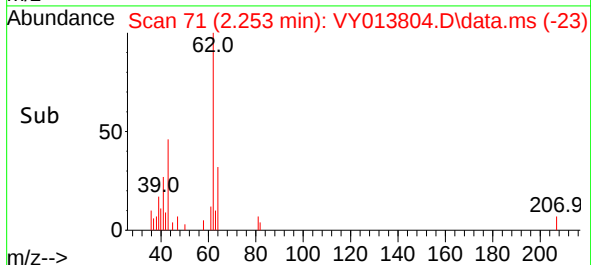
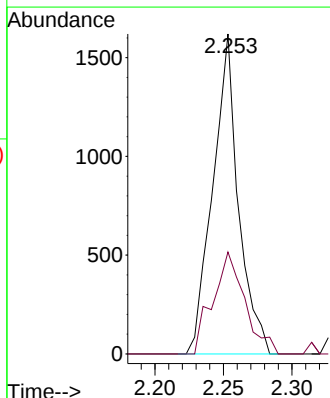
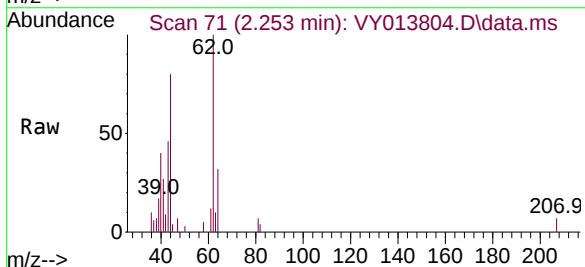
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-35.5-050923

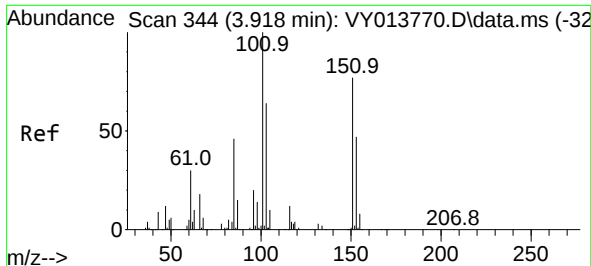
Tgt Ion:168 Resp: 173687
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#4
Vinyl Chloride
Concen: 1.116 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

Tgt Ion: 62 Resp: 2107
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6

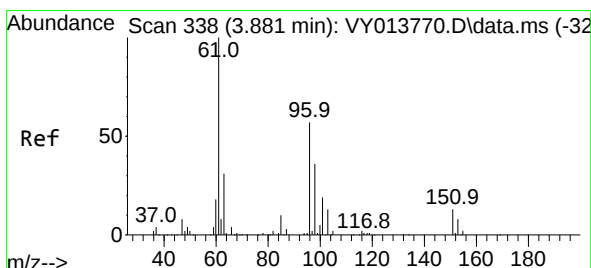
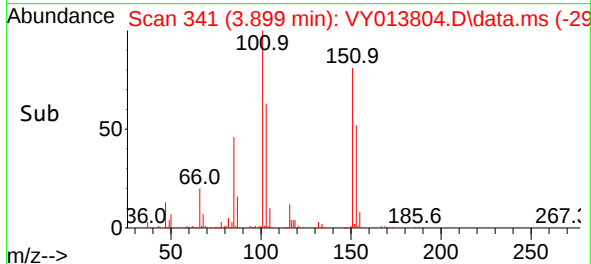
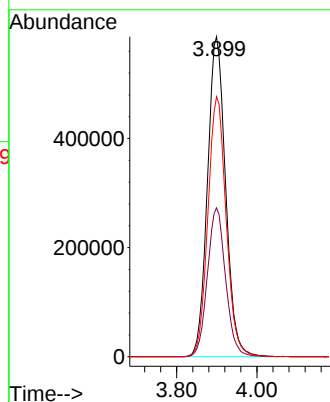
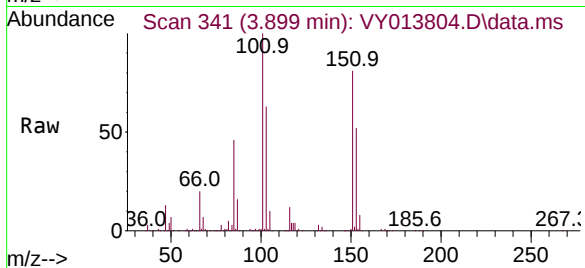




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1145.927 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.018 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

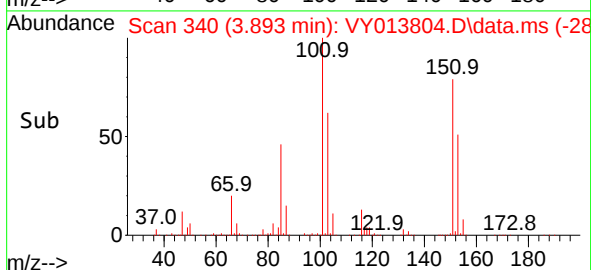
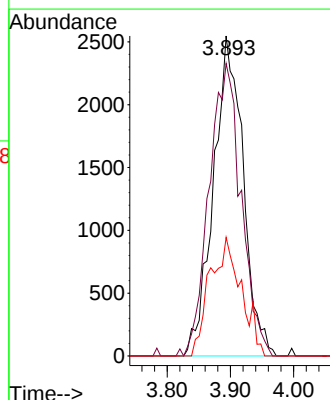
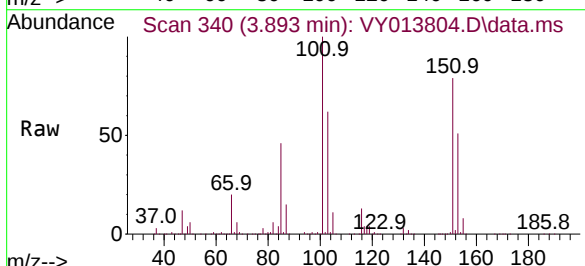
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-35.5-050923

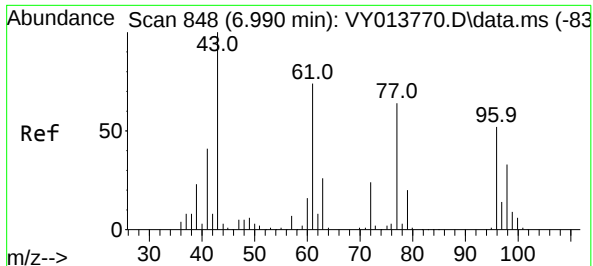
Tgt Ion:101 Resp: 1842698
Ion Ratio Lower Upper
101 100
85 46.6 37.8 56.8
151 81.8 64.2 96.2



#12
1,1-Dichloroethene
Concen: 5.702 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

Tgt Ion: 96 Resp: 8311
Ion Ratio Lower Upper
96 100
61 91.4 139.8 209.6#
98 37.1 49.7 74.5#

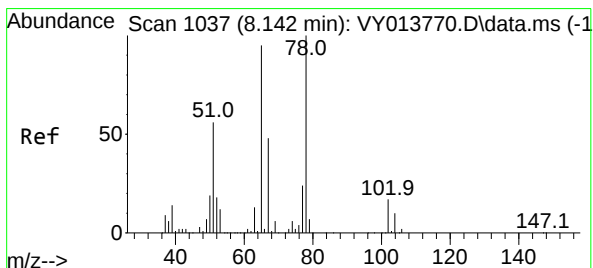
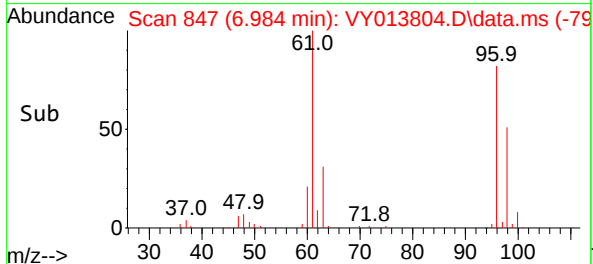
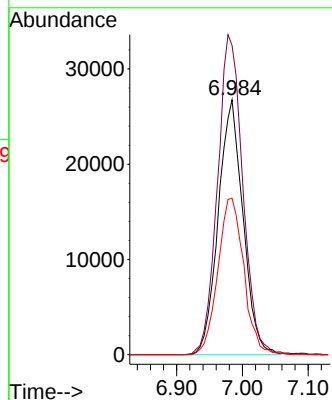
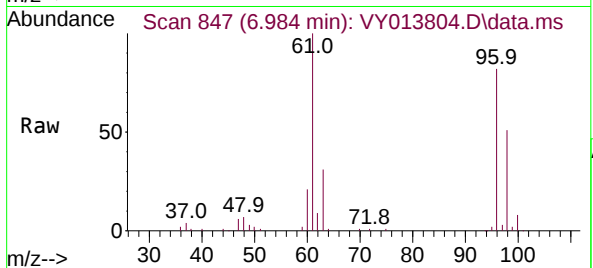




#27
 cis-1,2-Dichloroethene
 Concen: 36.244 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY013804.D
 Acq: 18 May 2023 16:51

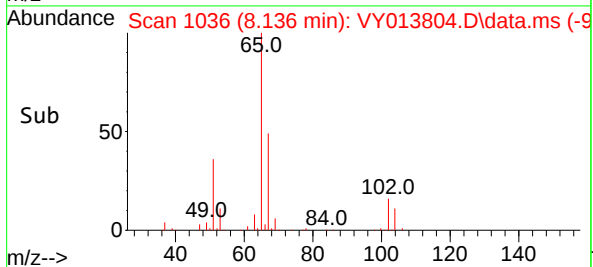
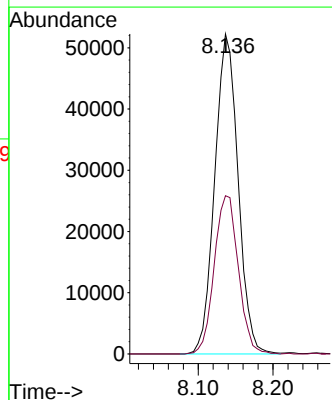
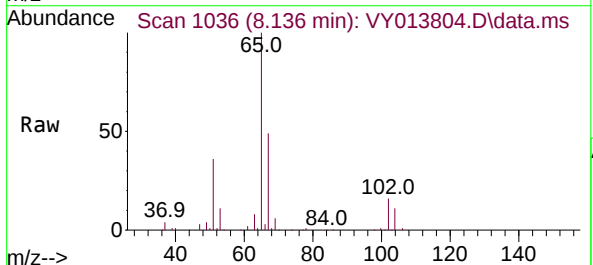
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-35.5-050923

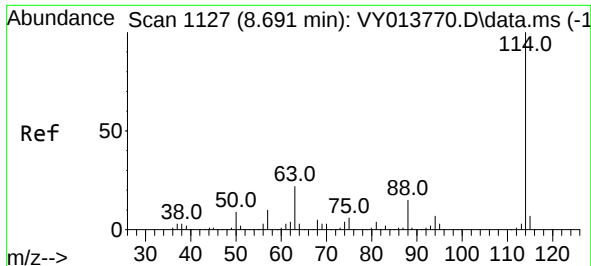
Tgt Ion: 96 Resp: 70092
 Ion Ratio Lower Upper
 96 100
 61 127.8 0.0 300.6
 98 64.2 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 56.294 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013804.D
 Acq: 18 May 2023 16:51

Tgt Ion: 65 Resp: 113582
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013804.D

Acq: 18 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-35.5-050923

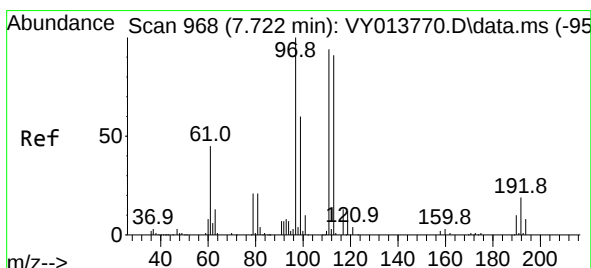
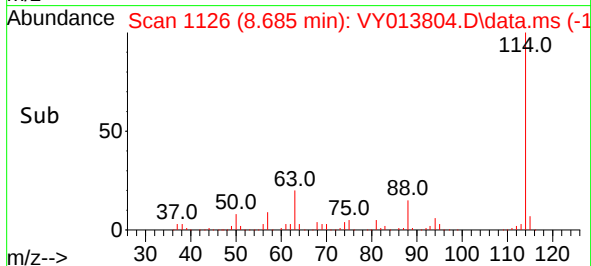
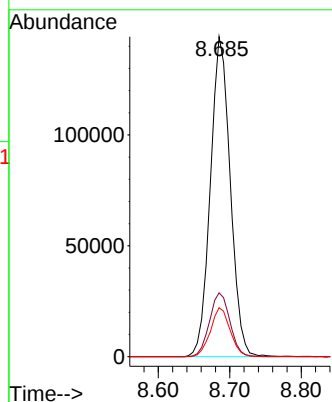
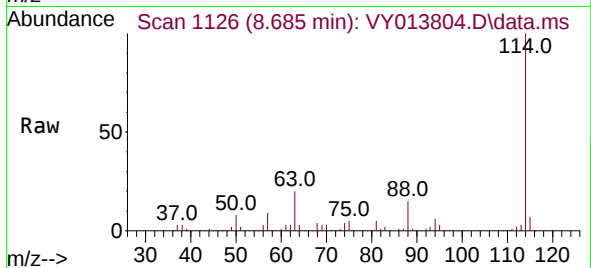
Tgt Ion:114 Resp: 278810

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.8

88 15.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.217 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013804.D

Acq: 18 May 2023 16:51

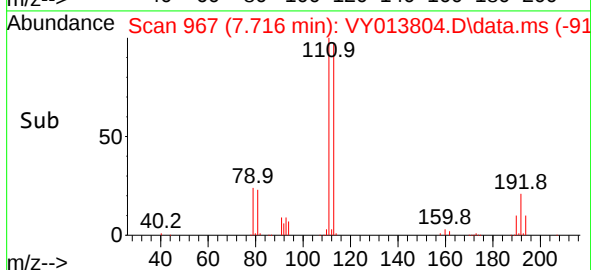
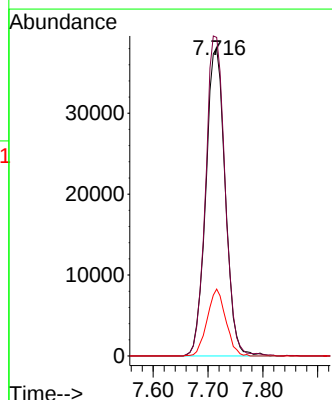
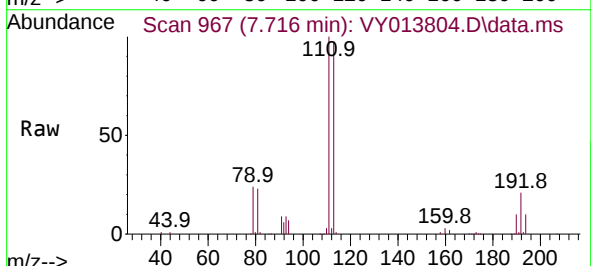
Tgt Ion:113 Resp: 93358

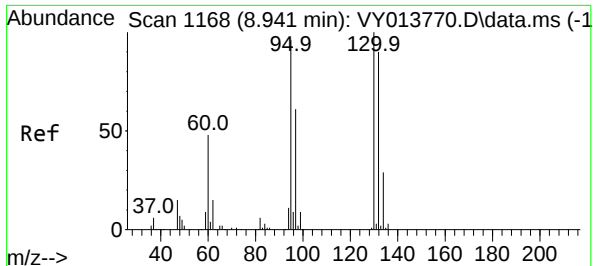
Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 20.9 16.0 24.0

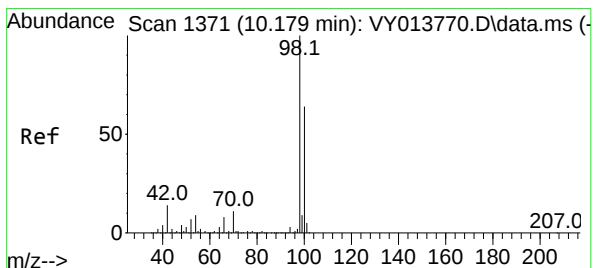
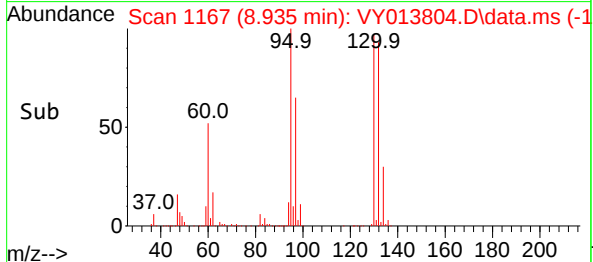
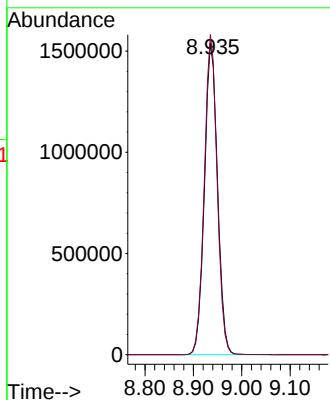
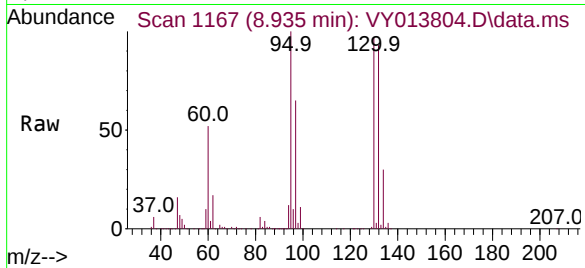




#44
Trichloroethene
Concen: 1540.735 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

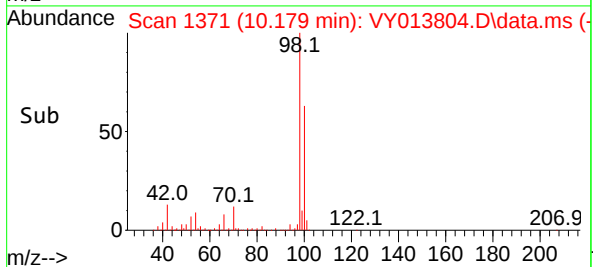
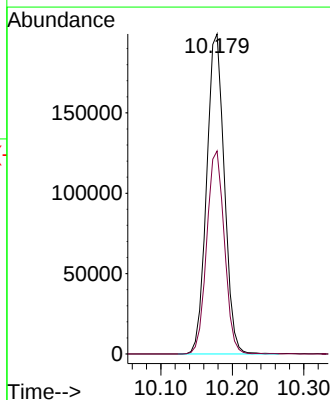
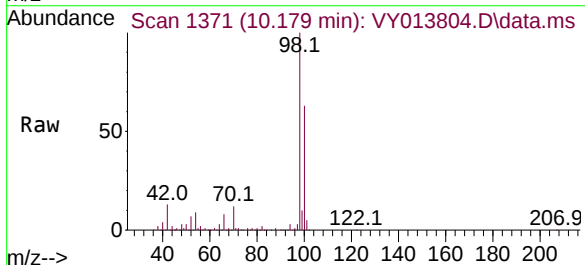
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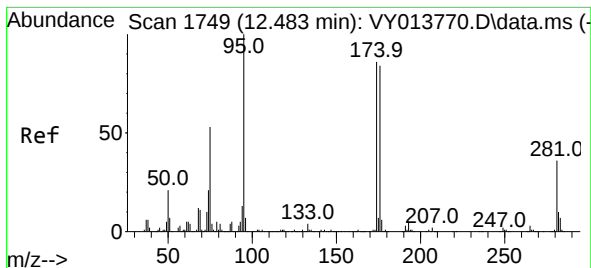
Tgt Ion:130 Resp: 2891376
Ion Ratio Lower Upper
130 100
95 102.6 0.0 193.0



#50
Toluene-d8
Concen: 50.418 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

Tgt Ion: 98 Resp: 341739
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6

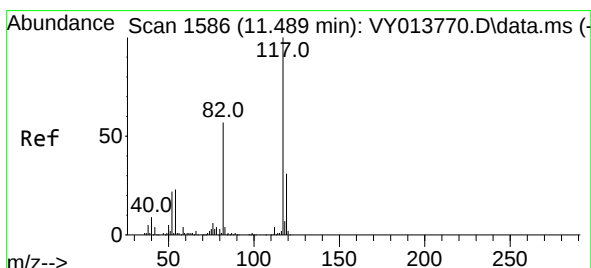
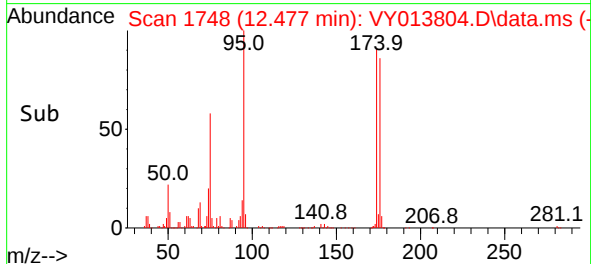
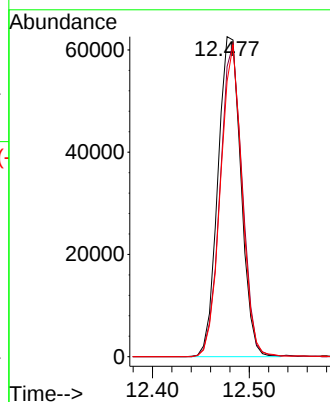
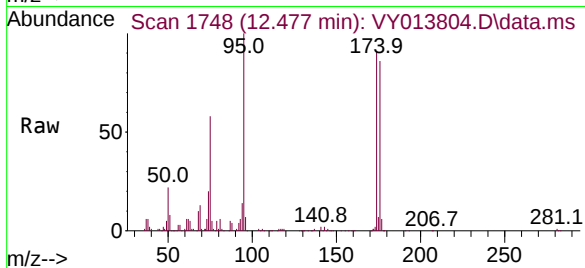




#62
4-Bromofluorobenzene
Concen: 45.959 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

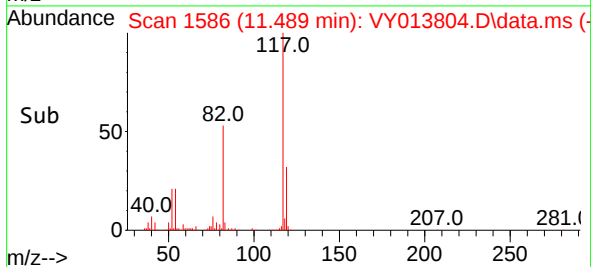
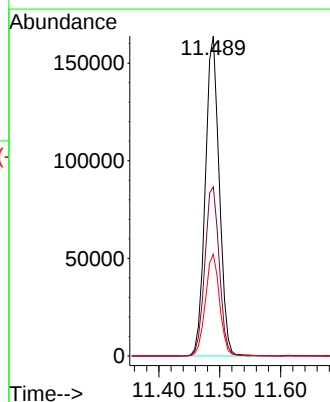
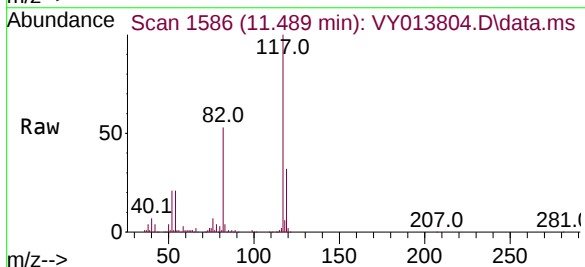
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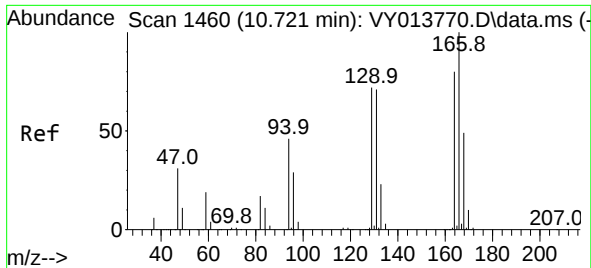
Tgt Ion: 95 Resp: 103471
Ion Ratio Lower Upper
95 100
174 93.9 0.0 168.8
176 91.0 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

Tgt Ion: 117 Resp: 261022
Ion Ratio Lower Upper
117 100
82 52.8 45.5 68.3
119 31.8 24.8 37.2

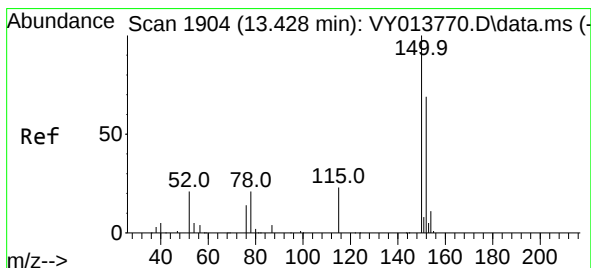
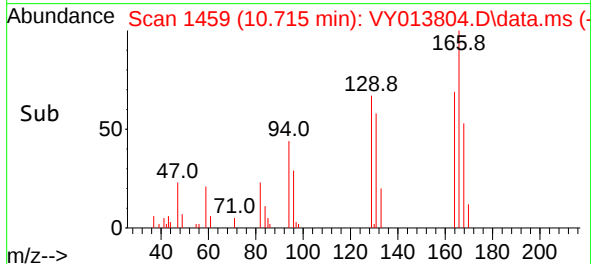
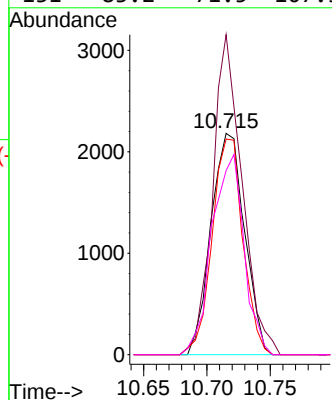
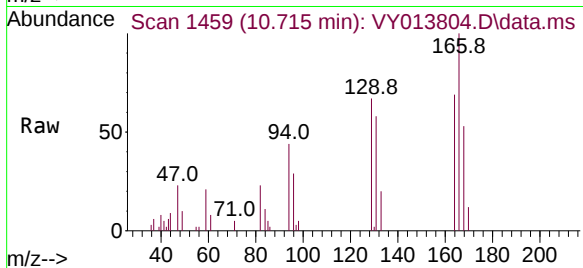




#64
Tetrachloroethene
Concen: 2.430 ug/l
RT: 10.715 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-35.5-050923

Tgt Ion:164	Resp:	4024
Ion	Ratio	Lower Upper
164	100	
166	144.6	100.5 150.7
129	97.4	72.5 108.7
131	83.2	71.5 107.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013804.D
Acq: 18 May 2023 16:51

Tgt Ion:152	Resp:	118464
Ion	Ratio	Lower Upper
152	100	
115	56.4	28.5 85.5
150	156.0	0.0 347.0

