

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013778.D
 Acq On : 17 May 2023 16:03
 Operator : KP/MD
 Sample : 02803-01
 Misc : 7.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-74-051523

Quant Time: May 18 07:15:18 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)

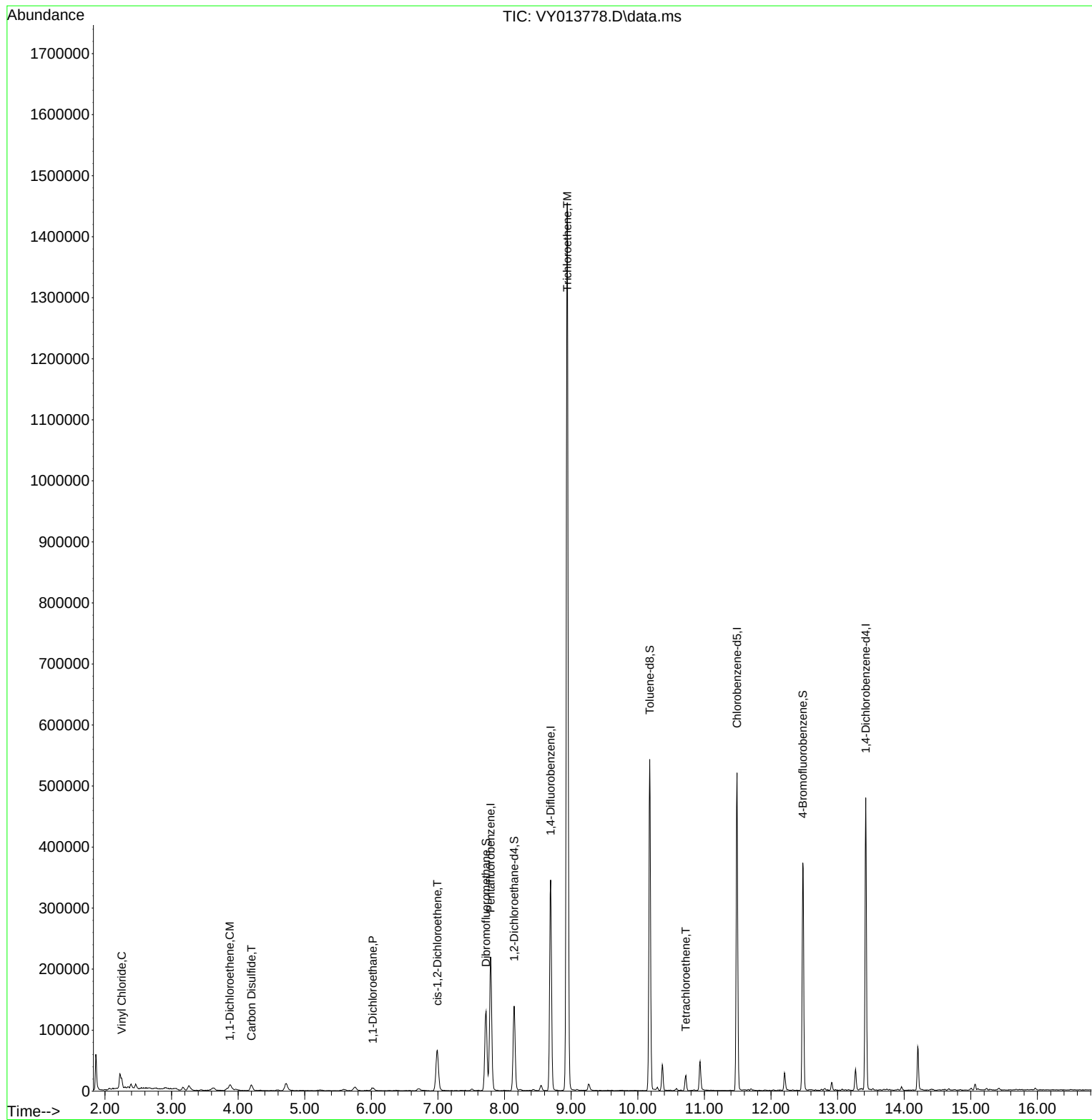
Internal Standards						
1) Pentafluorobenzene	7.789	168	163925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	263885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106569	55.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.920%	
35) Dibromofluoromethane	7.722	113	91167	50.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.179	98	344263	50.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.477	95	110279	48.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.020%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.253	62	2245	1.260	ug/l	99
12) 1,1-Dichloroethene	3.875	96	4522	3.287	ug/l	83
17) Carbon Disulfide	4.198	76	18199	4.604	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	6151	1.952	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	39371	21.571	ug/l	92
44) Trichloroethene	8.941	130	479281	252.952	ug/l	97
64) Tetrachloroethene	10.721	164	5135	3.068	ug/l	97

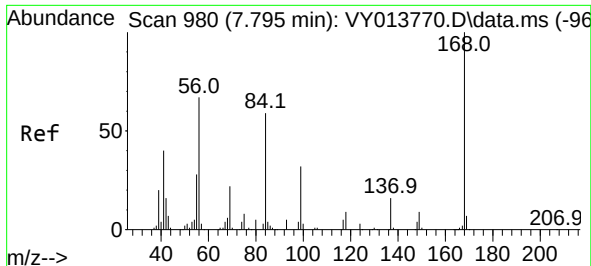
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013778.D
Acq On : 17 May 2023 16:03
Operator : KP/MD
Sample : 02803-01
Misc : 7.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-74-051523

Quant Time: May 18 07:15:18 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

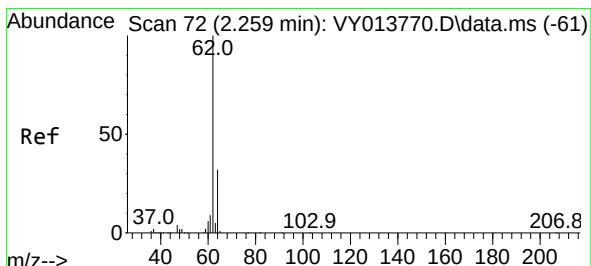
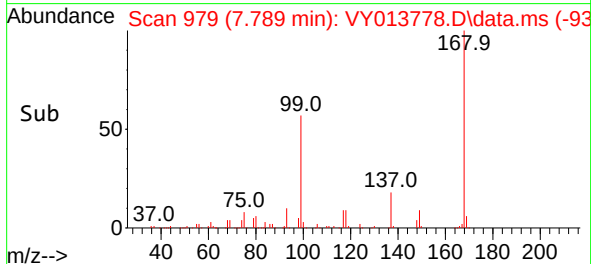
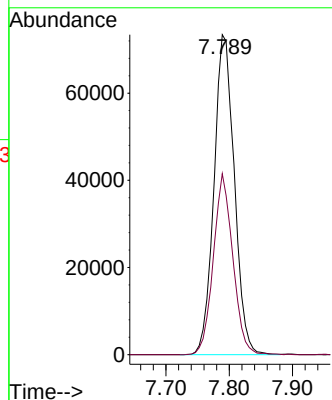
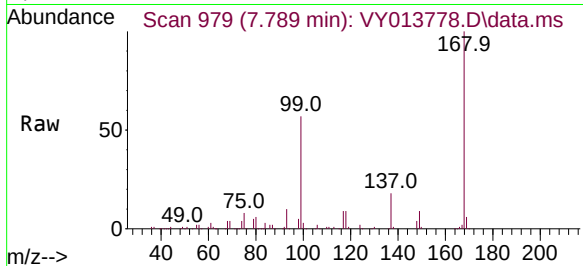




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013778.D
Acq: 17 May 2023 16:03

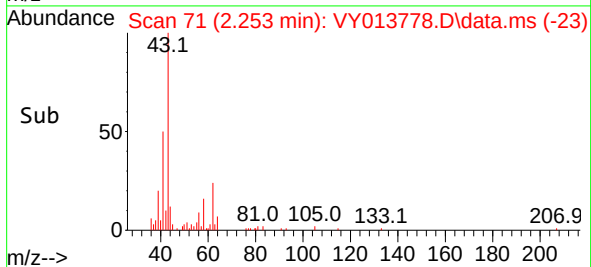
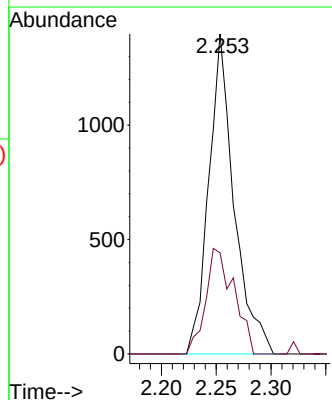
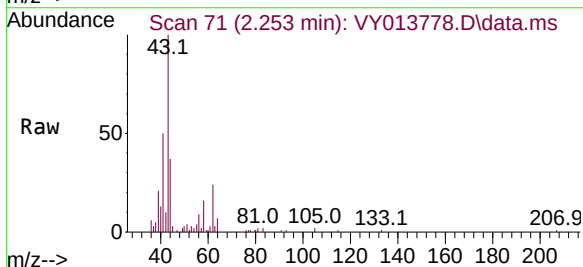
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-74-051523

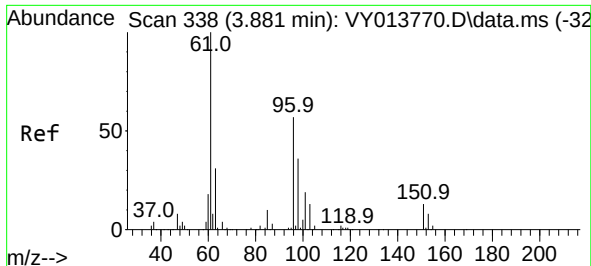
Tgt Ion:168 Resp: 163925
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#4
Vinyl Chloride
Concen: 1.260 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013778.D
Acq: 17 May 2023 16:03

Tgt Ion: 62 Resp: 2245
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#12

1,1-Dichloroethene

Concen: 3.287 ug/l

RT: 3.875 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013778.D

Acq: 17 May 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-74-051523

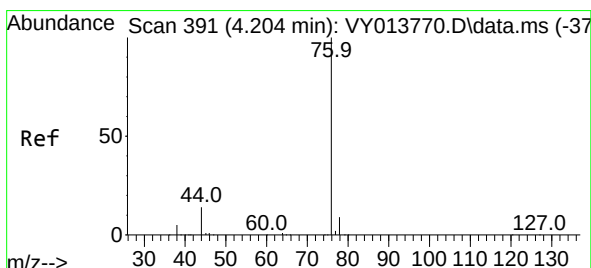
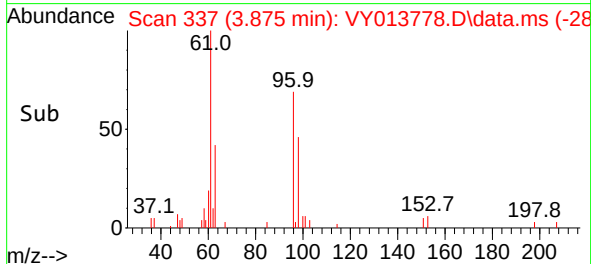
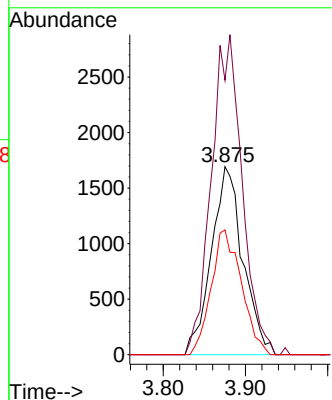
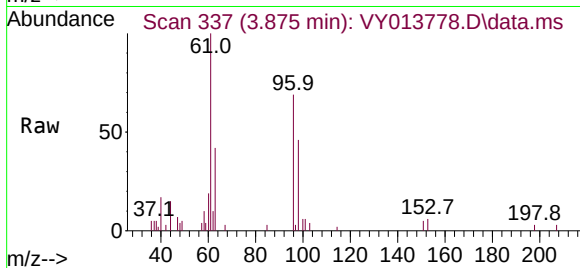
Tgt Ion: 96 Resp: 4522

Ion Ratio Lower Upper

96 100

61 145.9 139.8 209.6

98 66.4 49.7 74.5



#17

Carbon Disulfide

Concen: 4.604 ug/l

RT: 4.198 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY013778.D

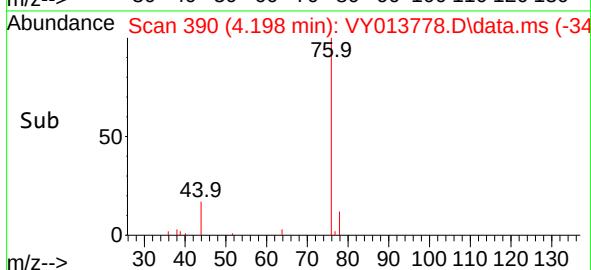
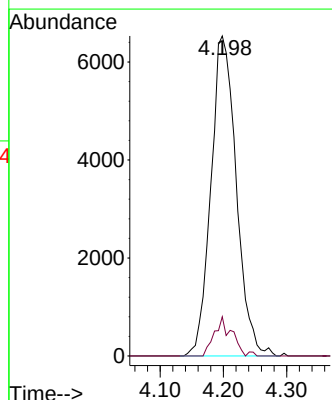
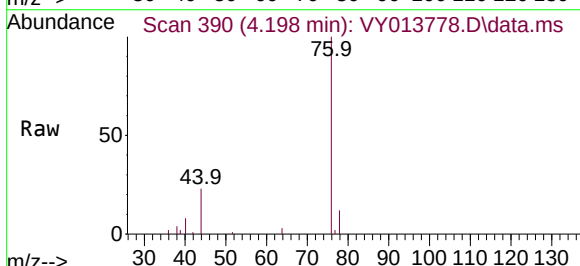
Acq: 17 May 2023 16:03

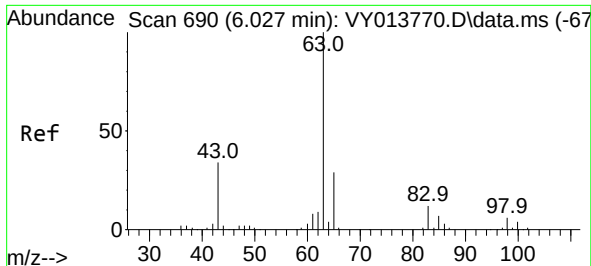
Tgt Ion: 76 Resp: 18199

Ion Ratio Lower Upper

76 100

78 12.2 7.5 11.3#

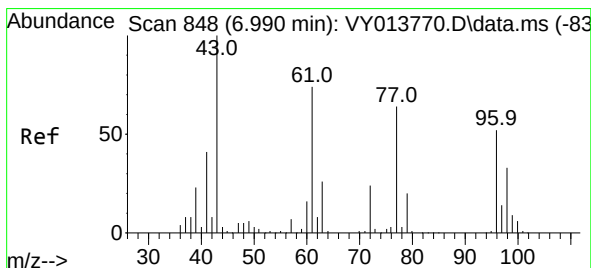
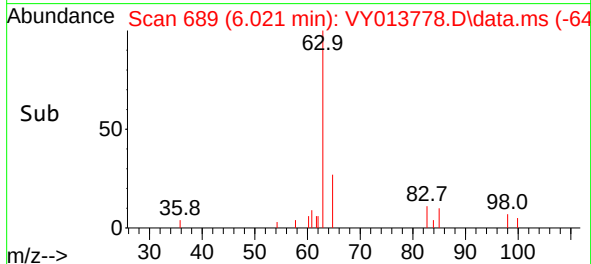
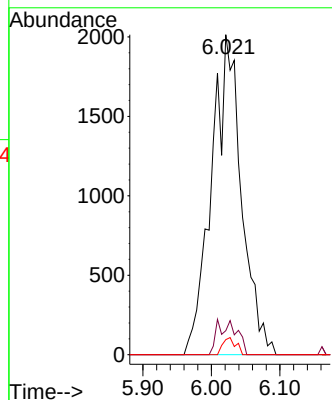
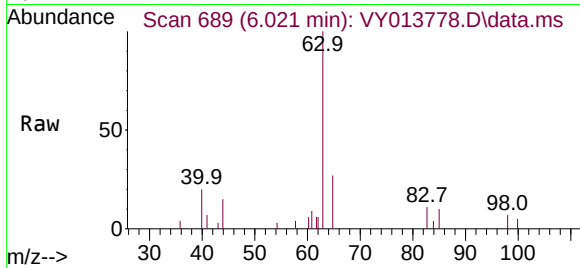




#24
1,1-Dichloroethane
Concen: 1.952 ug/l
RT: 6.021 min Scan# 61
Delta R.T. -0.006 min
Lab File: VY013778.D
Acq: 17 May 2023 16:03

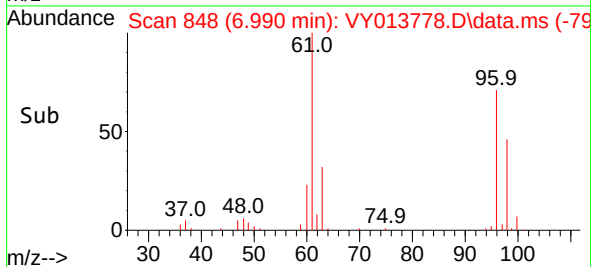
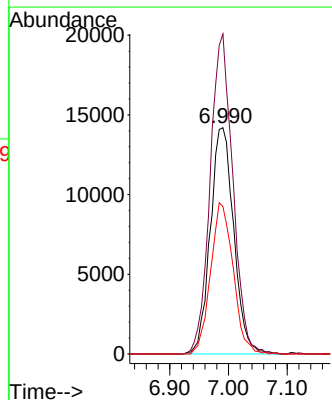
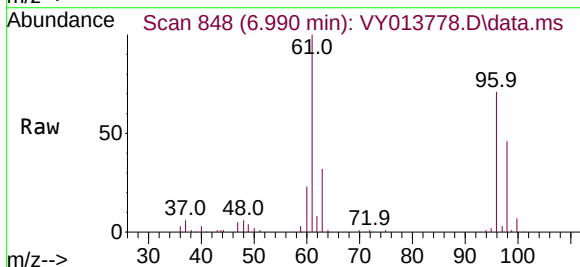
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-74-051523

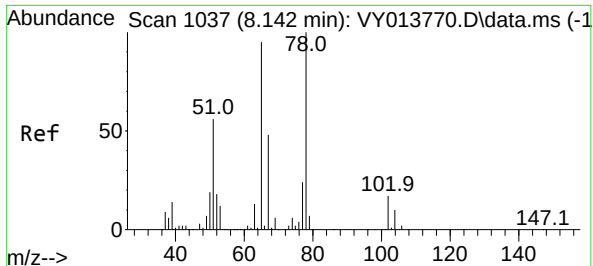
Tgt Ion: 63 Resp: 6151
Ion Ratio Lower Upper
63 100
98 7.5 3.0 9.0
100 4.7 2.0 6.0



#27
cis-1,2-Dichloroethene
Concen: 21.571 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY013778.D
Acq: 17 May 2023 16:03

Tgt Ion: 96 Resp: 39371
Ion Ratio Lower Upper
96 100
61 136.9 0.0 300.6
98 64.2 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 55.963 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013778.D

Acq: 17 May 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

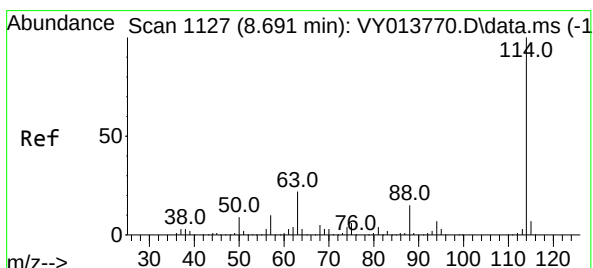
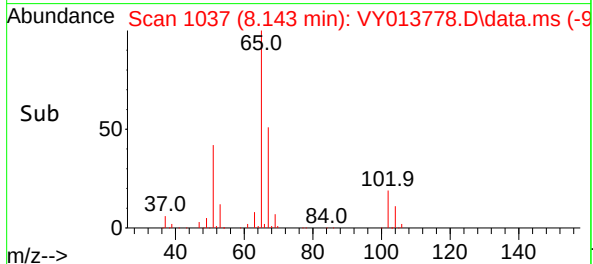
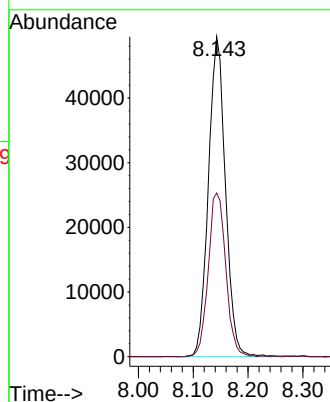
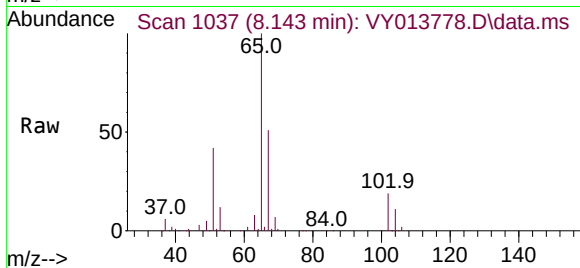
CB-14-G1-SO-74-051523

Tgt Ion: 65 Resp: 106569

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013778.D

Acq: 17 May 2023 16:03

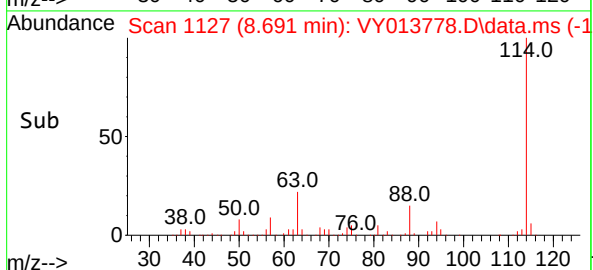
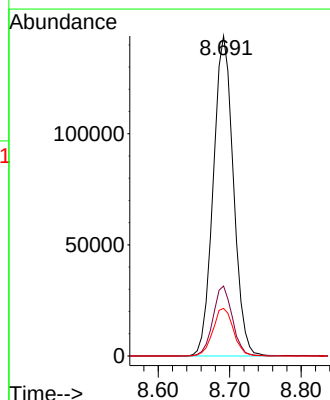
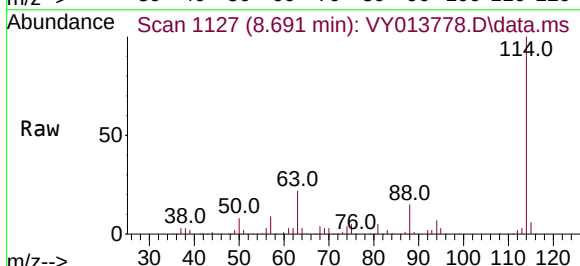
Tgt Ion: 114 Resp: 281504

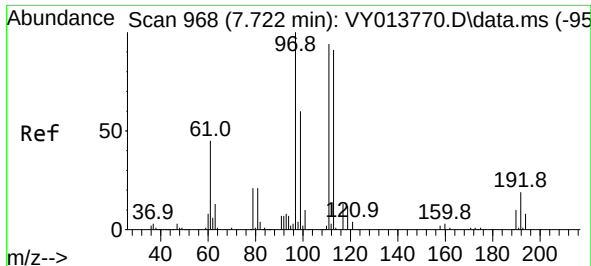
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 14.8 0.0 30.8

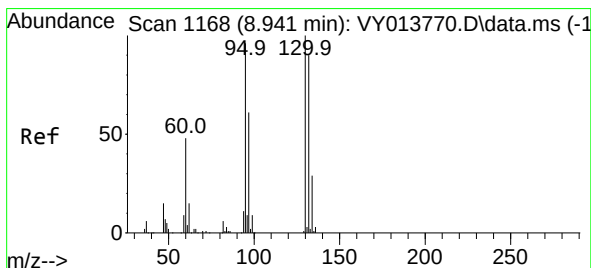
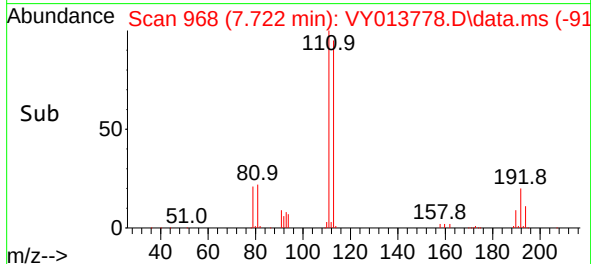
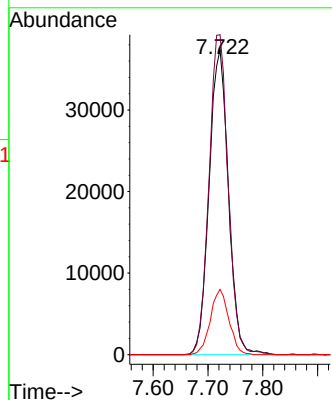
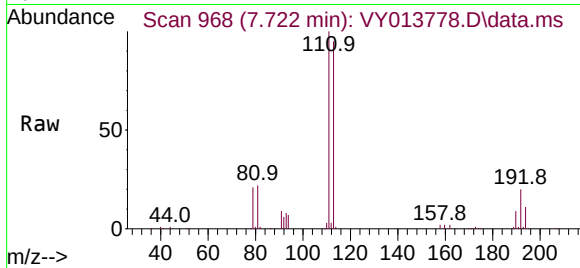




#35
Dibromofluoromethane
Concen: 50.503 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013778.D
Acq: 17 May 2023 16:03

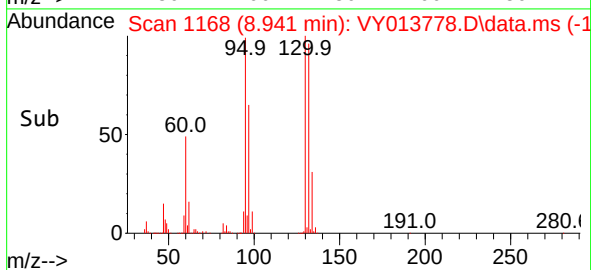
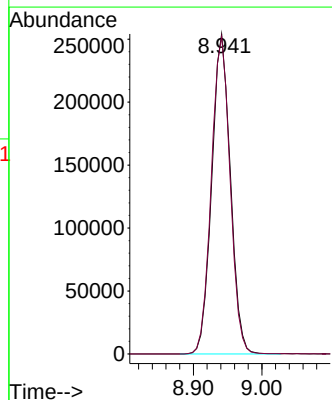
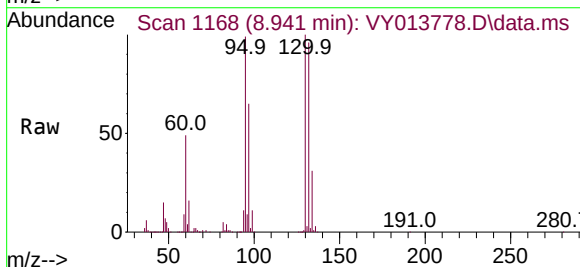
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-74-051523

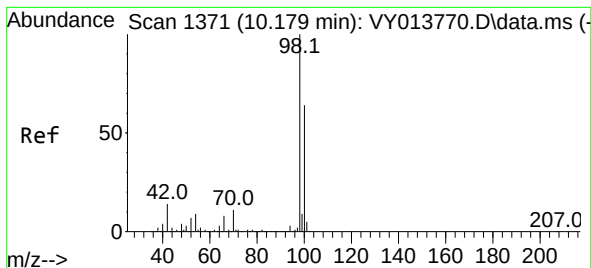
Tgt Ion:113 Resp: 91167
Ion Ratio Lower Upper
113 100
111 104.3 82.3 123.5
192 20.6 16.0 24.0



#44
Trichloroethene
Concen: 252.952 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013778.D
Acq: 17 May 2023 16:03

Tgt Ion:130 Resp: 479281
Ion Ratio Lower Upper
130 100
95 99.3 0.0 193.0





#50

Toluene-d8

Concen: 50.304 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013778.D

Acq: 17 May 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

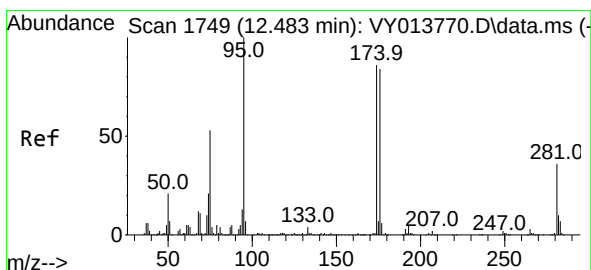
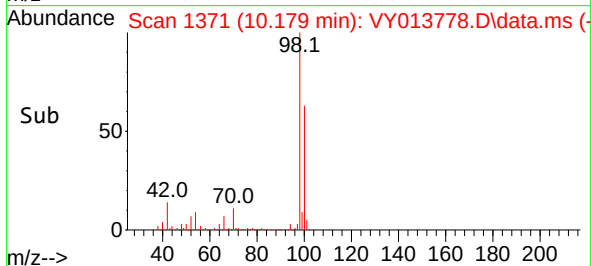
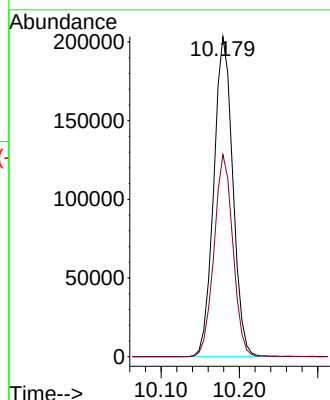
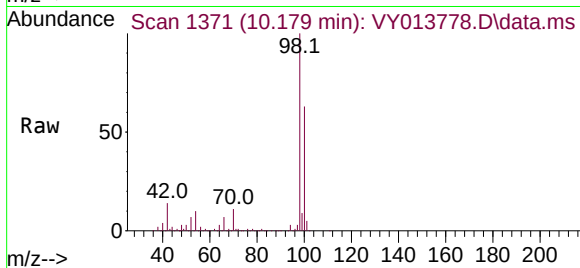
CB-14-G1-SO-74-051523

Tgt Ion: 98 Resp: 344263

Ion Ratio Lower Upper

98 100

100 62.4 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 48.514 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013778.D

Acq: 17 May 2023 16:03

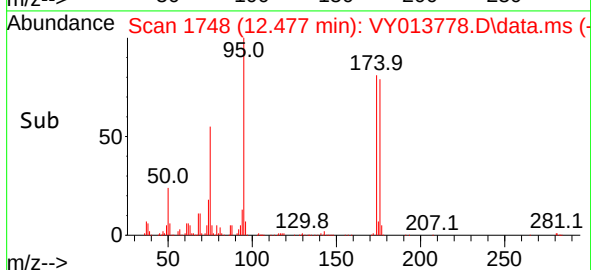
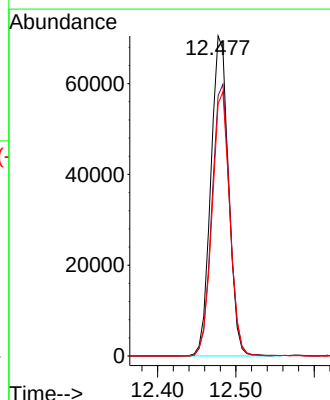
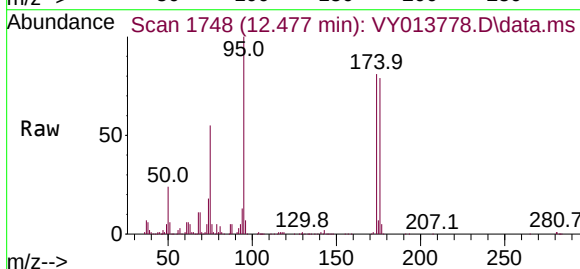
Tgt Ion: 95 Resp: 110279

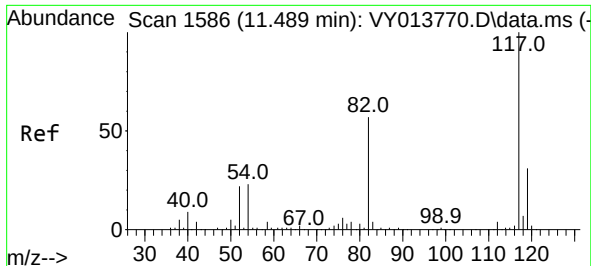
Ion Ratio Lower Upper

95 100

174 86.0 0.0 168.8

176 82.6 0.0 165.2

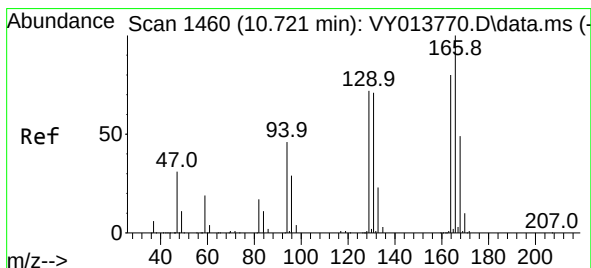
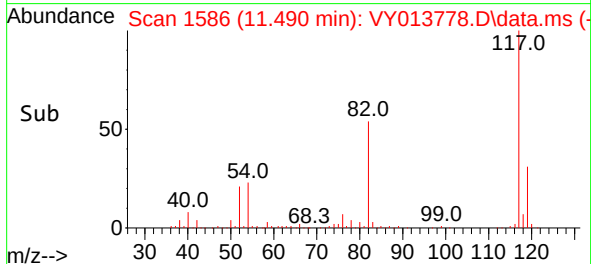
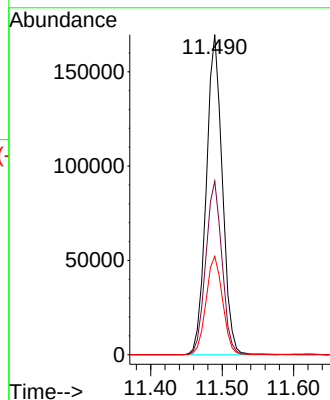
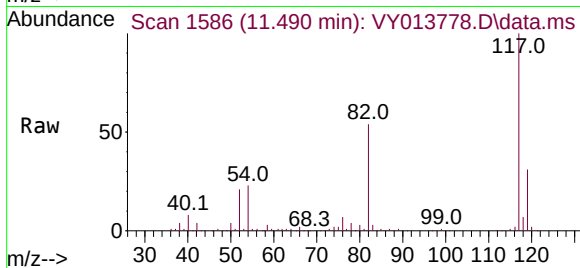




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013778.D
Acq: 17 May 2023 16:03

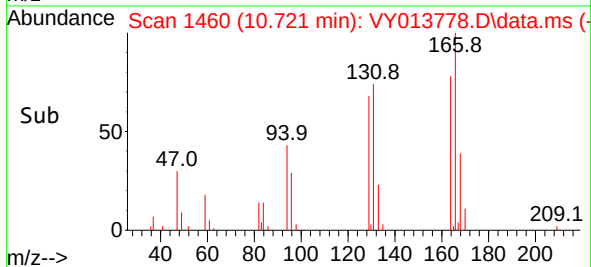
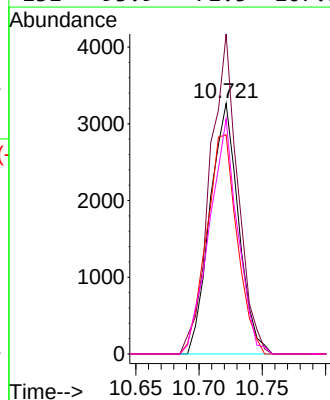
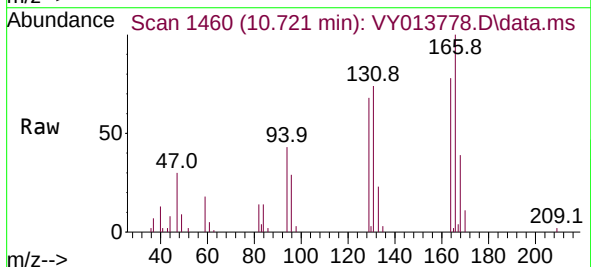
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-74-051523

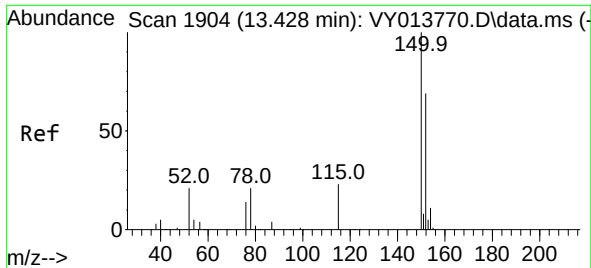
Tgt Ion:117 Resp: 263885
Ion Ratio Lower Upper
117 100
82 54.2 45.5 68.3
119 30.8 24.8 37.2



#64
Tetrachloroethene
Concen: 3.068 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013778.D
Acq: 17 May 2023 16:03

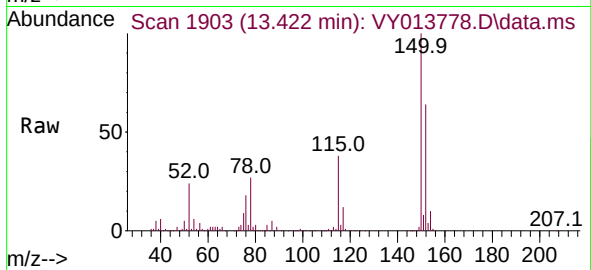
Tgt Ion:164 Resp: 5135
Ion Ratio Lower Upper
164 100
166 127.7 100.5 150.7
129 87.5 72.5 108.7
131 93.9 71.5 107.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013778.D
 Acq: 17 May 2023 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-74-051523



Tgt Ion:	152	Resp:	113173
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.5	85.5
150	159.0	0.0	347.0

