

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013760.D
 Acq On : 16 May 2023 15:28
 Operator : KP/MD
 Sample : 02803-01
 Misc : 6.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 17 07:48:17 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)

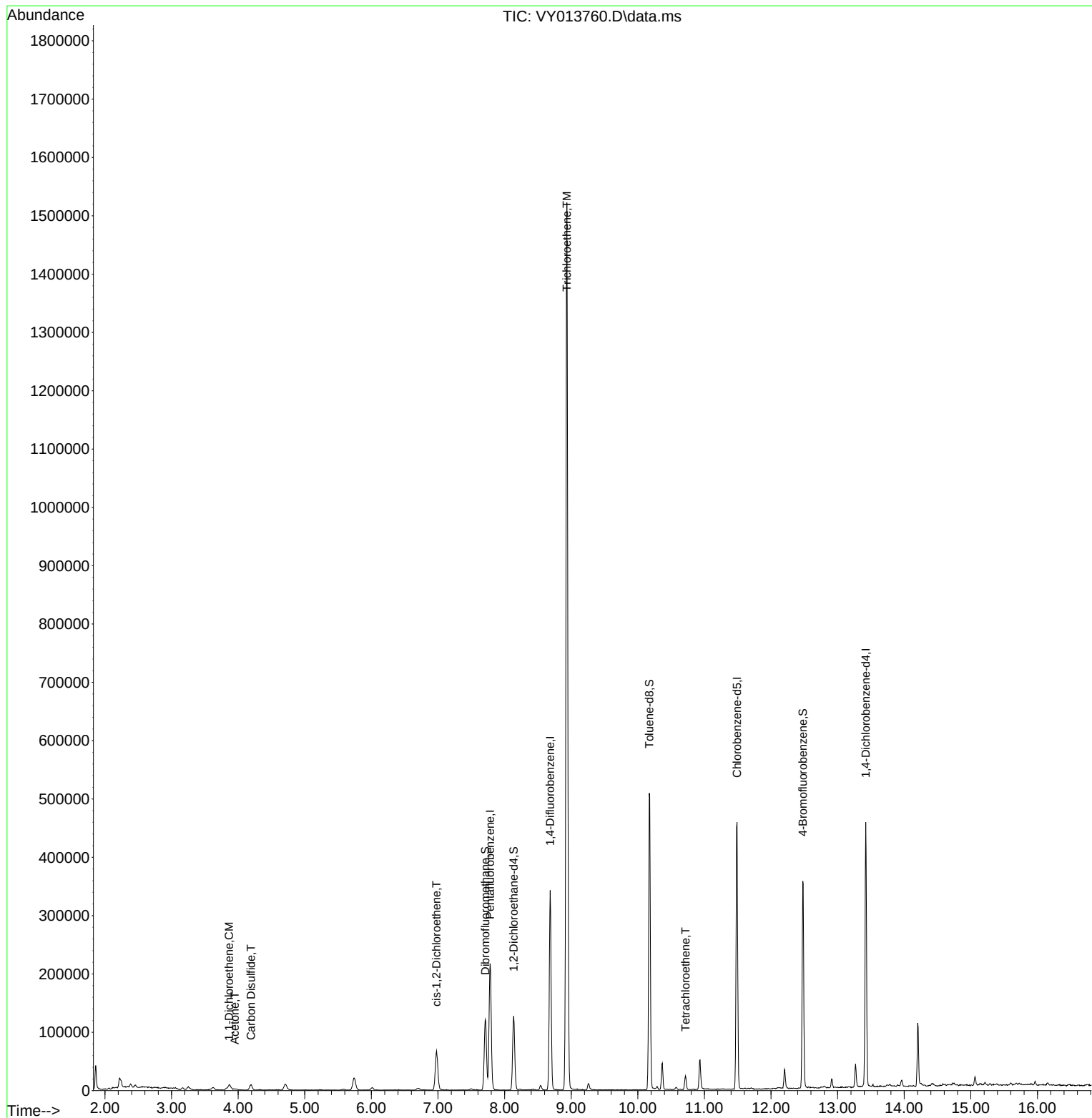
Internal Standards						
1) Pentafluorobenzene	7.783	168	166108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99440	54.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.710	113	86446	50.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.173	98	331613	54.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.440%	
62) 4-Bromofluorobenzene	12.477	95	104704	51.251	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.863	96	3986	2.309	ug/l #	78
16) Acetone	3.948	43	4023	5.610	ug/l	95
17) Carbon Disulfide	4.192	76	18826	3.357	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	39640	19.008	ug/l	94
44) Trichloroethene	8.935	130	502836	237.368	ug/l	93
64) Tetrachloroethene	10.715	164	4921	2.622	ug/l #	88

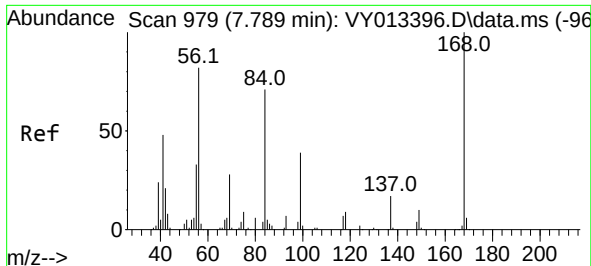
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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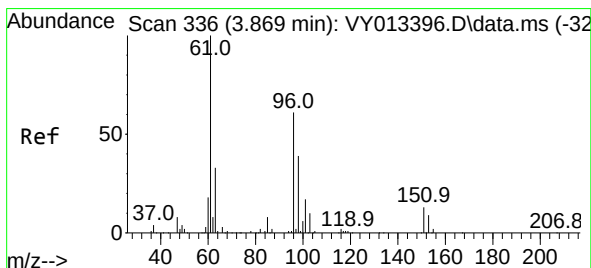
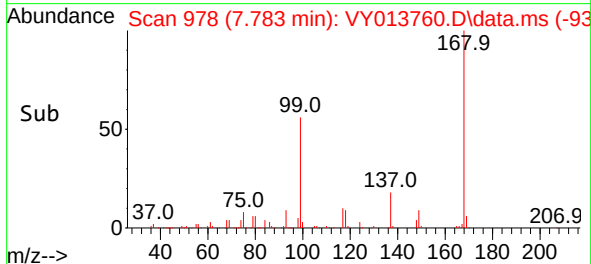
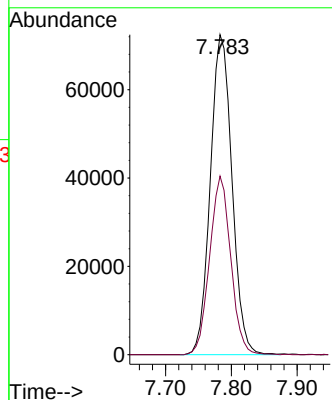
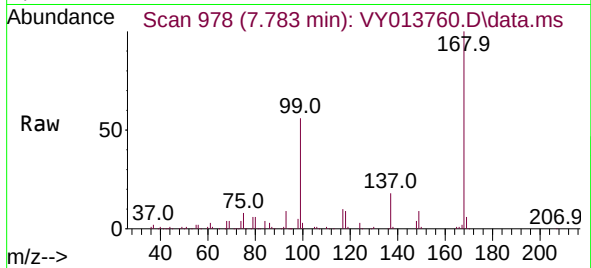




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013760.D
Acq: 16 May 2023 15:28

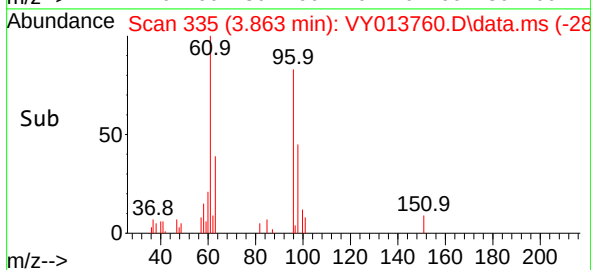
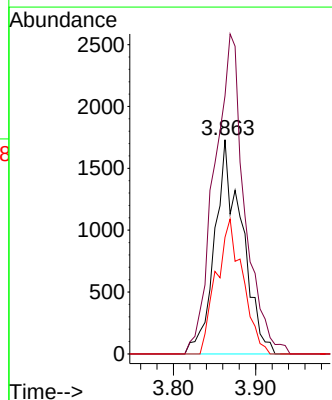
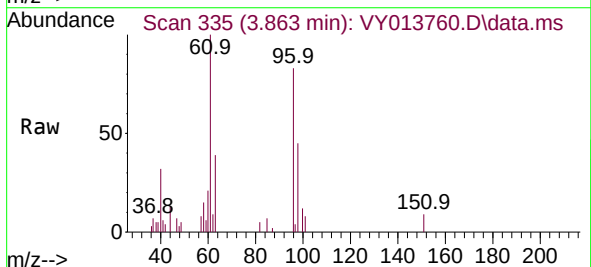
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-74-051523

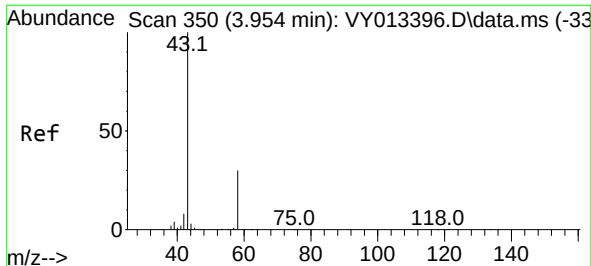
Tgt Ion:168 Resp: 166108
Ion Ratio Lower Upper
168 100
99 55.8 41.8 62.6



#12
1,1-Dichloroethene
Concen: 2.309 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013760.D
Acq: 16 May 2023 15:28

Tgt Ion: 96 Resp: 3986
Ion Ratio Lower Upper
96 100
61 120.5 123.9 185.9#
98 54.4 48.9 73.3





#16

Acetone

Concen: 5.610 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY013760.D

Acq: 16 May 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

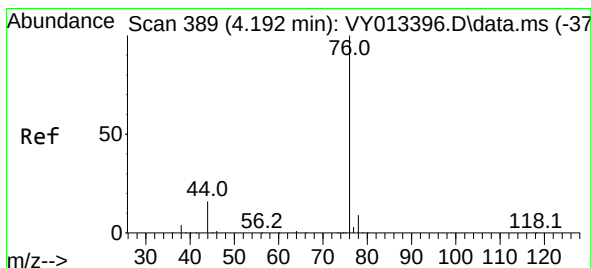
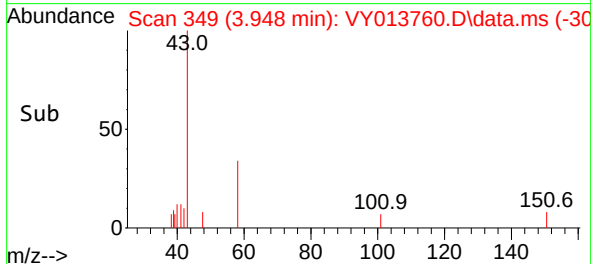
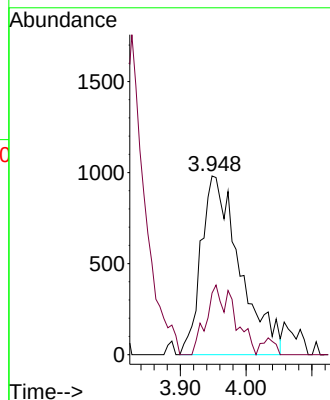
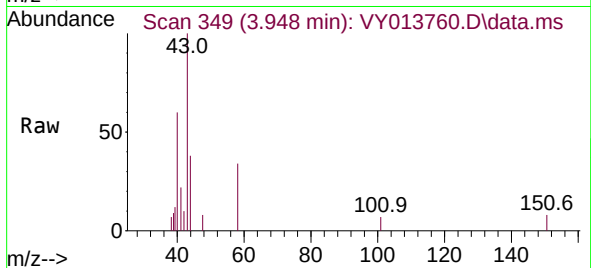
CB-14-G1-SO-74-051523

Tgt Ion: 43 Resp: 4023

Ion Ratio Lower Upper

43 100

58 34.5 25.4 38.0



#17

Carbon Disulfide

Concen: 3.357 ug/l

RT: 4.192 min Scan# 389

Delta R.T. -0.000 min

Lab File: VY013760.D

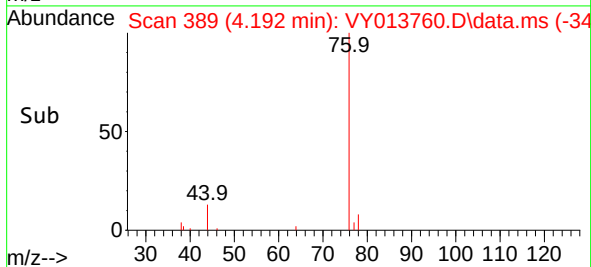
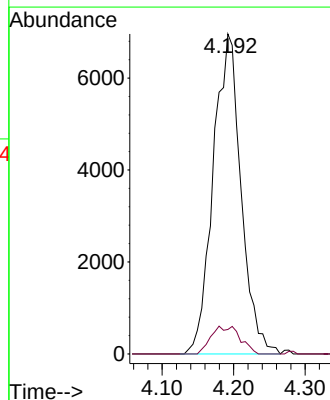
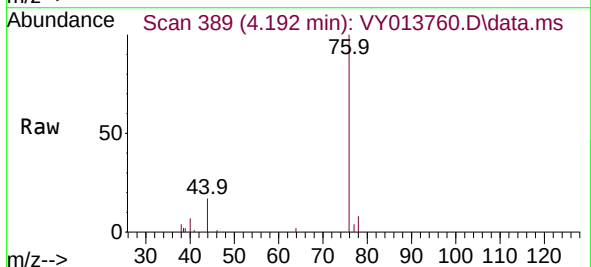
Acq: 16 May 2023 15:28

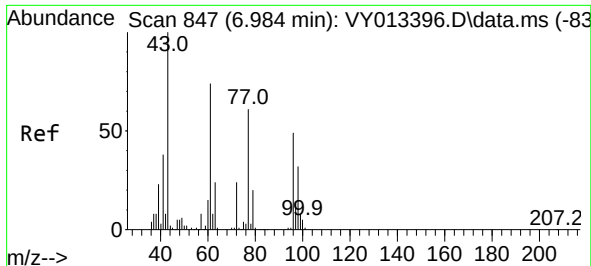
Tgt Ion: 76 Resp: 18826

Ion Ratio Lower Upper

76 100

78 7.6 7.2 10.8





#27

cis-1,2-Dichloroethene

Concen: 19.008 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013760.D

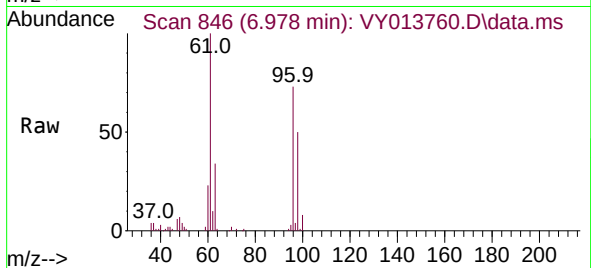
Acq: 16 May 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-74-051523



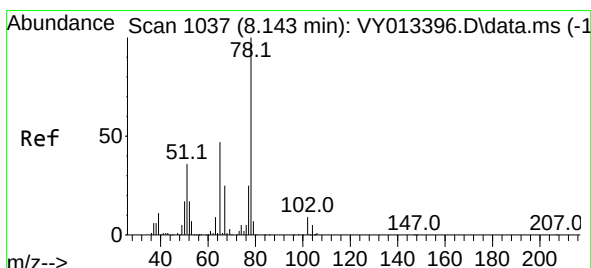
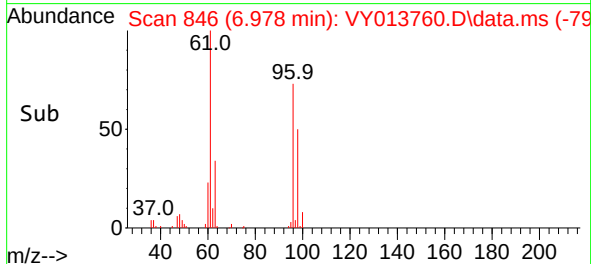
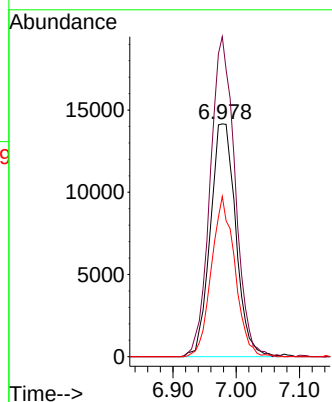
Tgt Ion: 96 Resp: 39640

Ion Ratio Lower Upper

96 100

61 133.6 0.0 285.0

98 63.4 0.0 130.6



#33

1,2-Dichloroethane-d4

Concen: 54.610 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013760.D

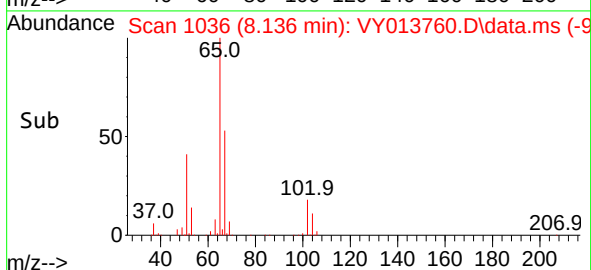
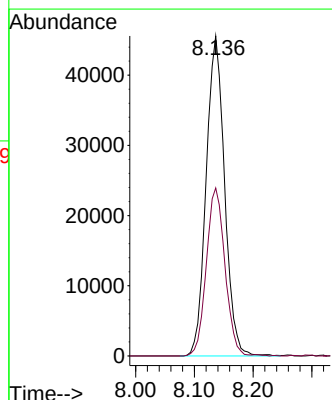
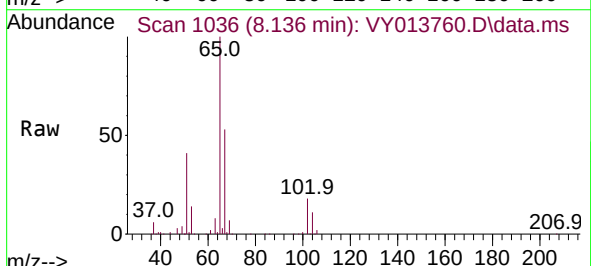
Acq: 16 May 2023 15:28

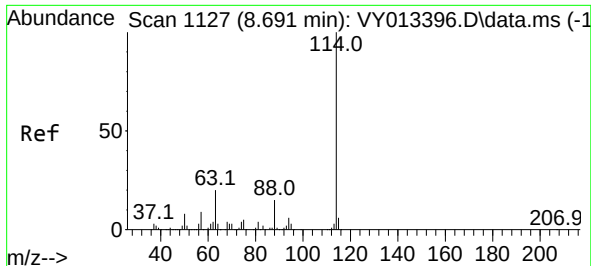
Tgt Ion: 65 Resp: 99440

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013760.D

Acq: 16 May 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-74-051523

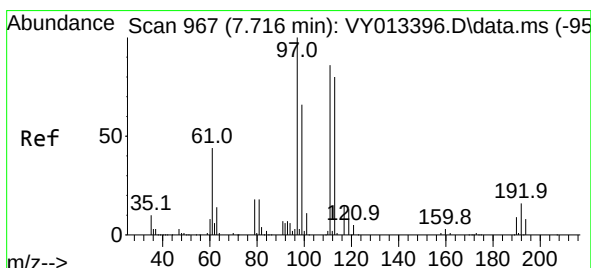
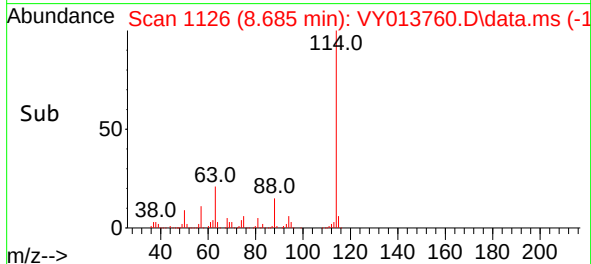
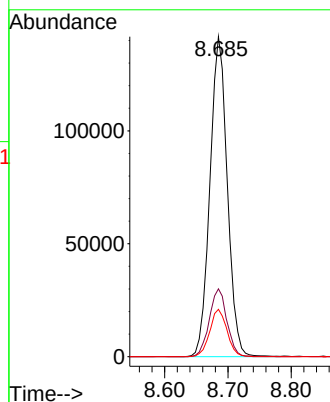
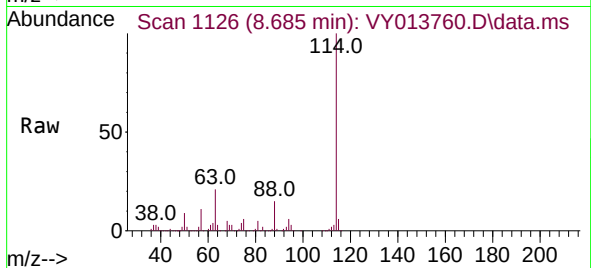
Tgt Ion:114 Resp: 270845

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.746 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013760.D

Acq: 16 May 2023 15:28

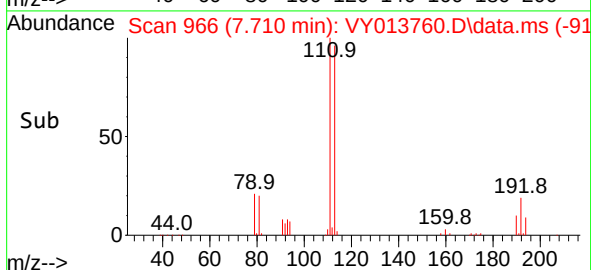
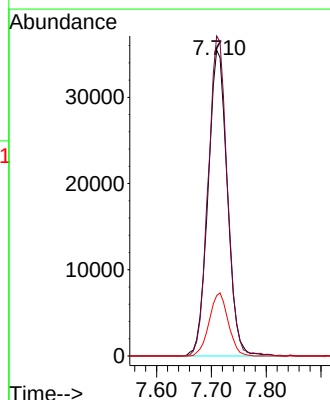
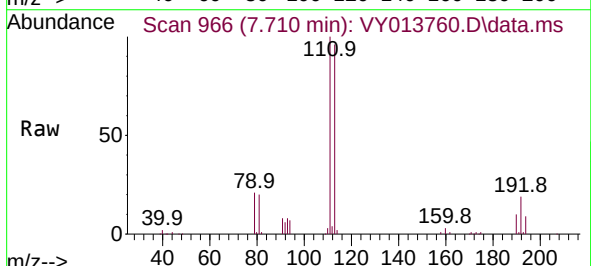
Tgt Ion:113 Resp: 86446

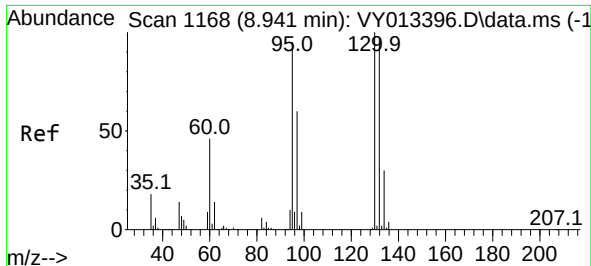
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 20.4 16.7 25.1





#44

Trichloroethene

Concen: 237.368 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VY013760.D

Acq: 16 May 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

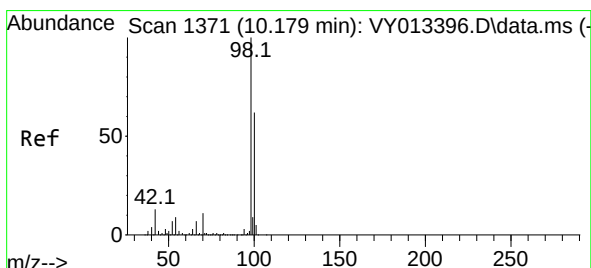
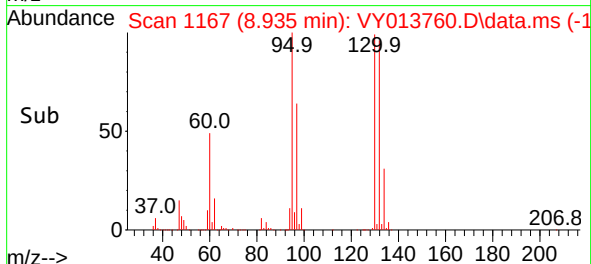
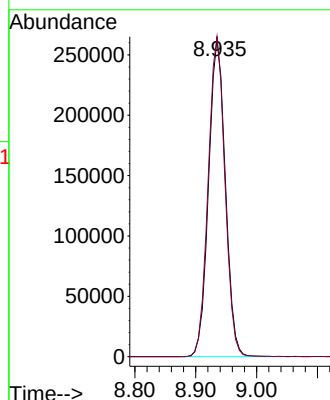
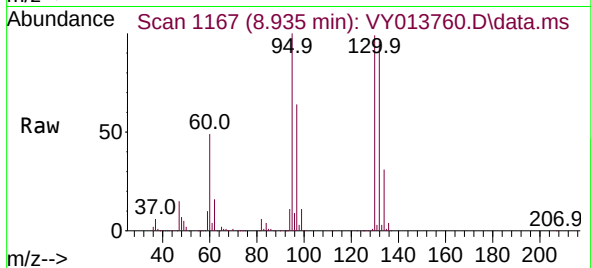
CB-14-G1-SO-74-051523

Tgt Ion:130 Resp: 502836

Ion Ratio Lower Upper

130 100

95 100.9 0.0 188.8



#50

Toluene-d8

Concen: 54.721 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013760.D

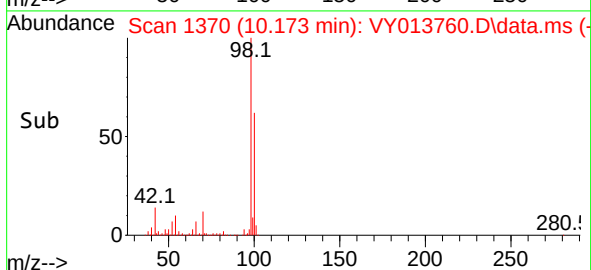
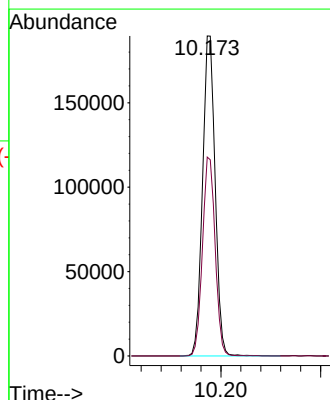
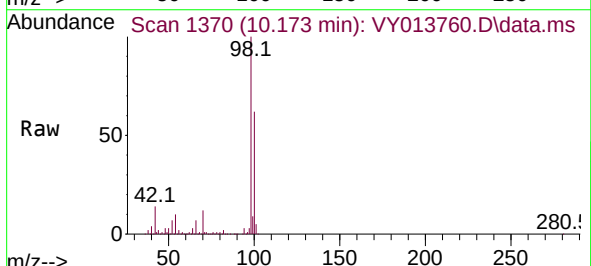
Acq: 16 May 2023 15:28

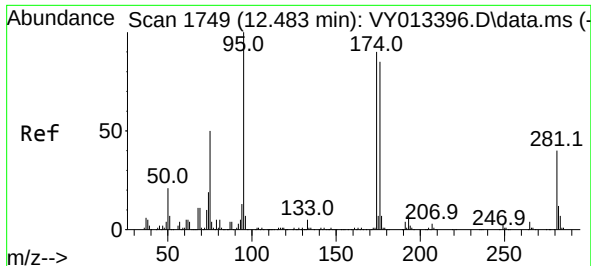
Tgt Ion: 98 Resp: 331613

Ion Ratio Lower Upper

98 100

100 62.5 50.5 75.7

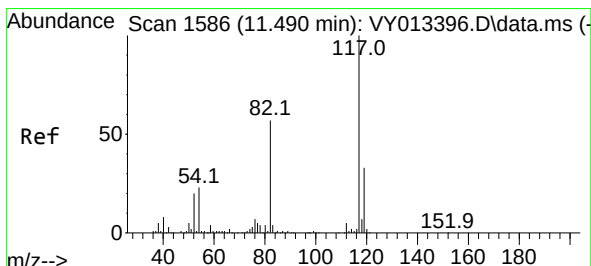
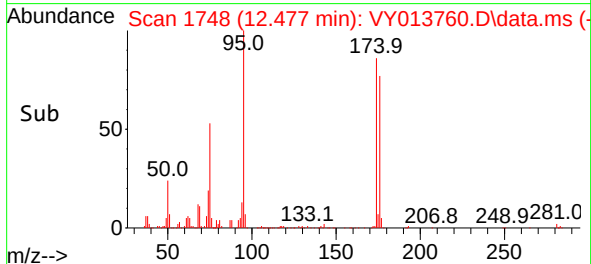
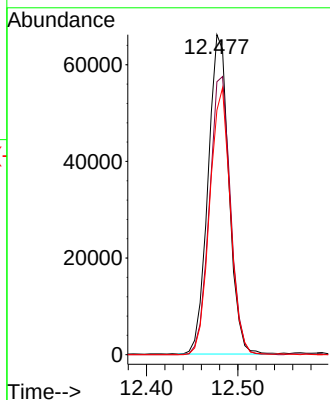
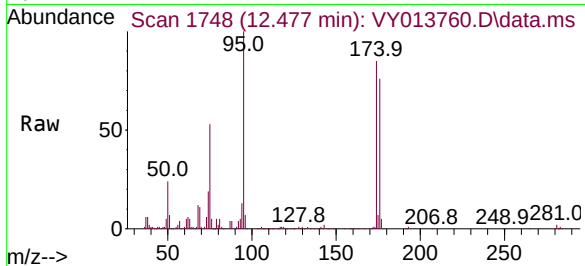




#62
4-Bromofluorobenzene
Concen: 51.251 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013760.D
Acq: 16 May 2023 15:28

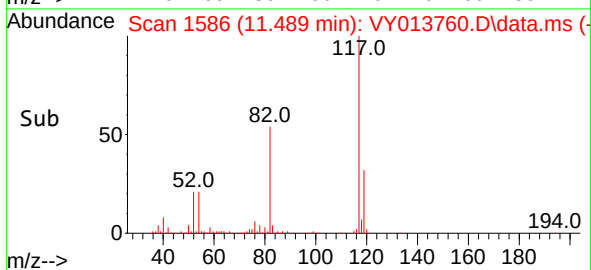
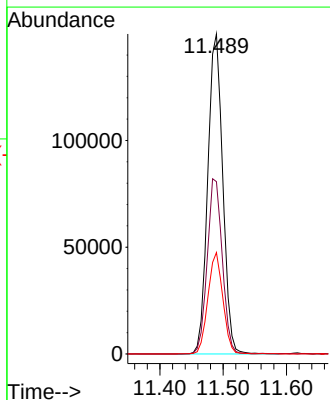
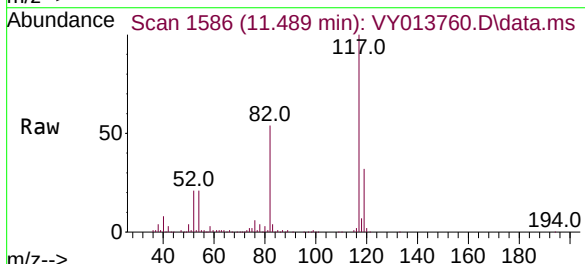
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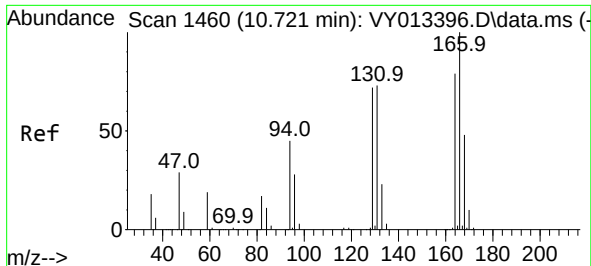
Tgt Ion: 95 Resp: 104704
Ion Ratio Lower Upper
95 100
174 88.0 0.0 182.0
176 82.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013760.D
Acq: 16 May 2023 15:28

Tgt Ion: 117 Resp: 246849
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.6
119 31.7 25.5 38.3

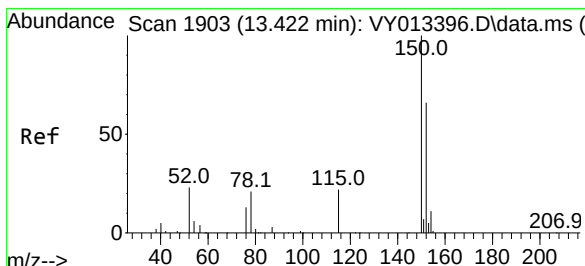
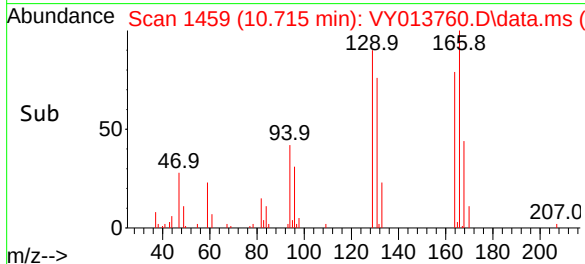
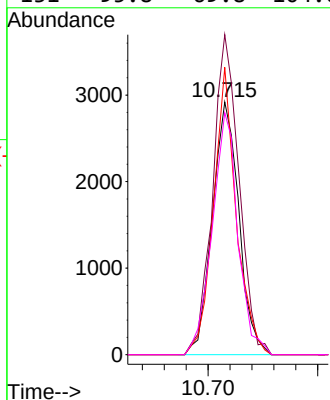
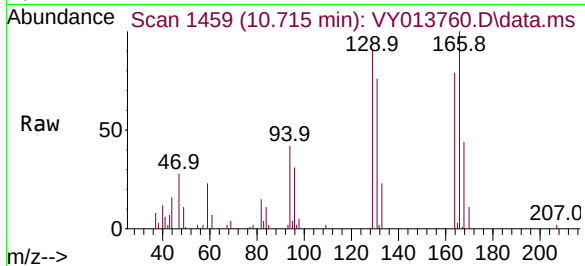




#64
Tetrachloroethene
Concen: 2.622 ug/l
RT: 10.715 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013760.D
Acq: 16 May 2023 15:28

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

Tgt Ion:164	Resp:	4921
Ion	Ratio	Lower Upper
164	100	
166	126.6	97.5 146.3
129	113.7	72.6 109.0#
131	95.8	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: VY013760.D
Acq: 16 May 2023 15:28

Tgt Ion:152	Resp:	109935
Ion	Ratio	Lower Upper
152	100	
115	59.0	28.1 84.2
150	156.6	0.0 352.0

