

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013731.D
 Acq On : 15 May 2023 12:56
 Operator : KP/MD
 Sample : 02723-02
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 16 01:29:50 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)

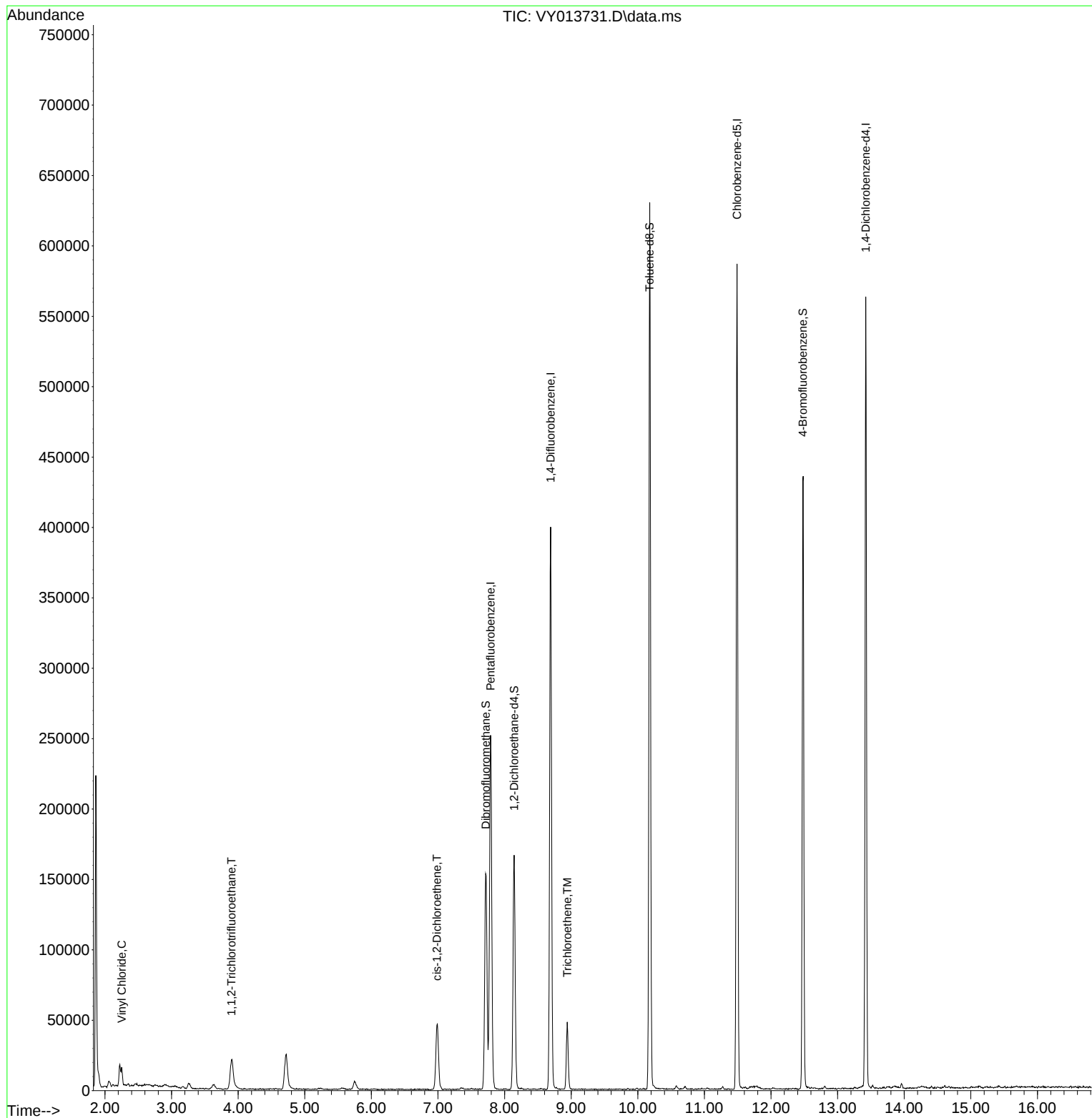
Internal Standards						
1) Pentafluorobenzene	7.789	168	196710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	323834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	131162	60.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.660%	
35) Dibromofluoromethane	7.716	113	109091	53.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.179	98	396916	54.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.560%	
62) 4-Bromofluorobenzene	12.477	95	126816	51.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.840%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	5624	2.253	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	13370	6.304	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	27962	11.322	ug/l	96
44) Trichloroethene	8.941	130	15899	6.277	ug/l	100

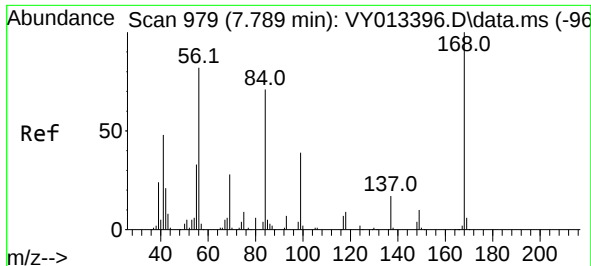
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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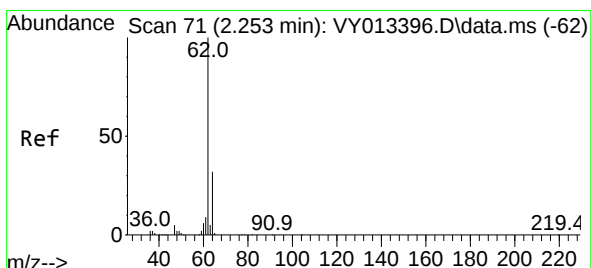
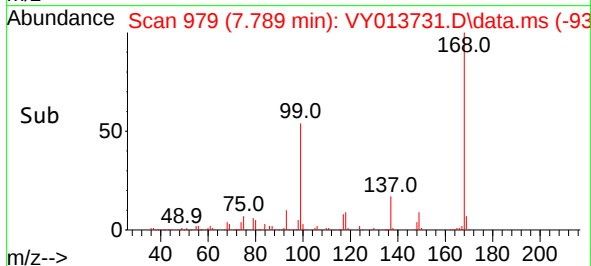
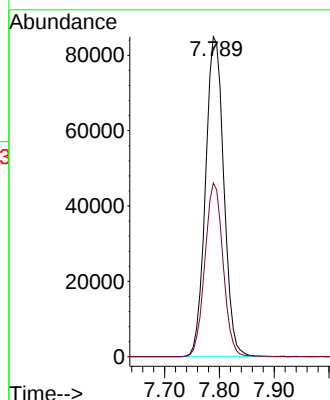
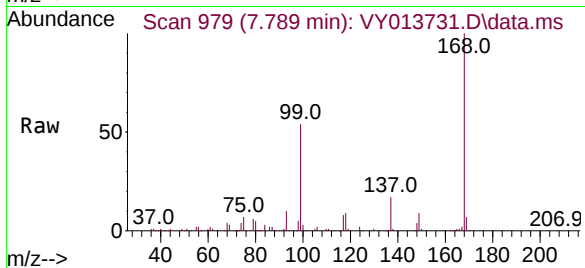




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013731.D
Acq: 15 May 2023 12:56

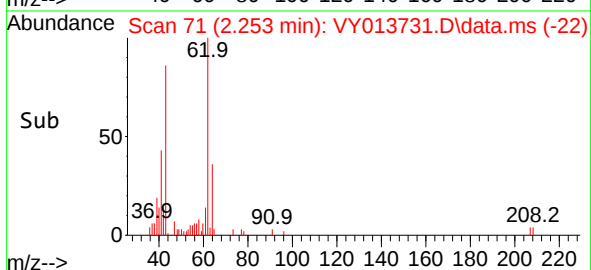
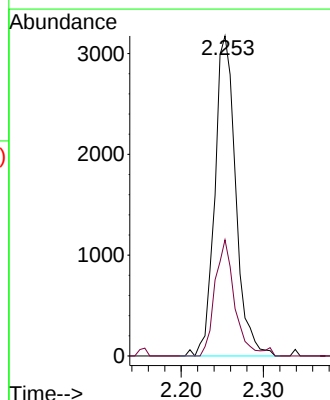
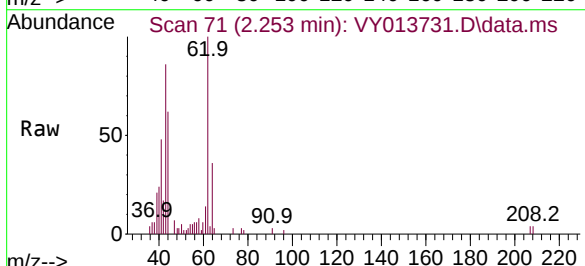
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923

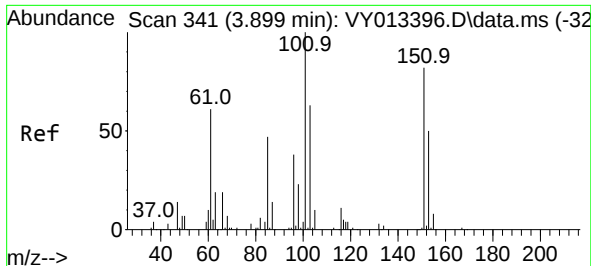
Tgt Ion:168 Resp: 196710
Ion Ratio Lower Upper
168 100
99 54.3 41.8 62.6



#4
Vinyl Chloride
Concen: 2.253 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013731.D
Acq: 15 May 2023 12:56

Tgt Ion: 62 Resp: 5624
Ion Ratio Lower Upper
62 100
64 36.3 25.4 38.0

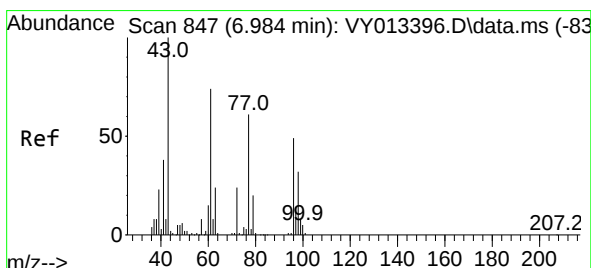
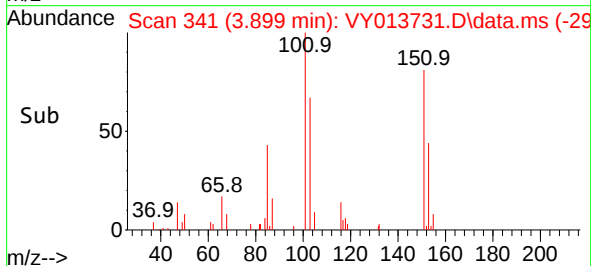
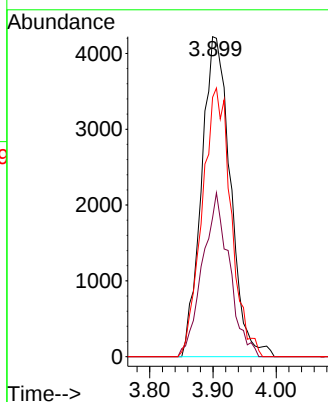
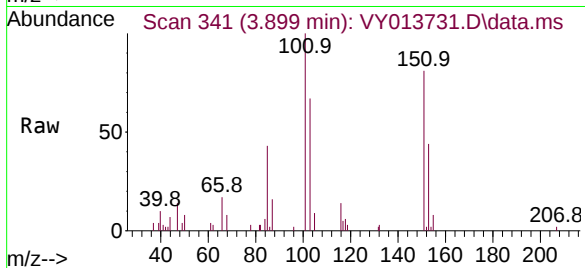




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.304 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013731.D
Acq: 15 May 2023 12:56

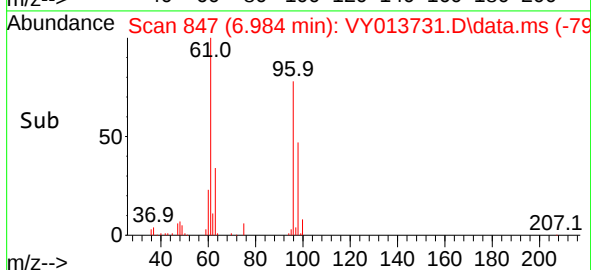
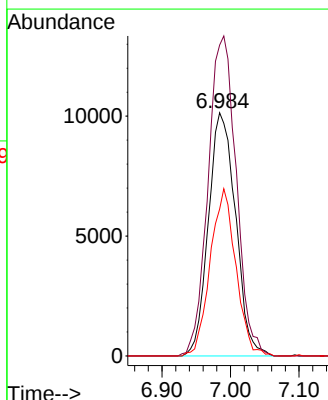
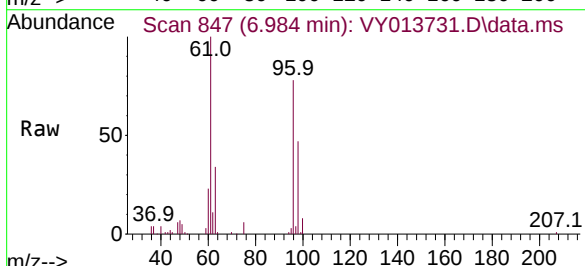
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-14-050923

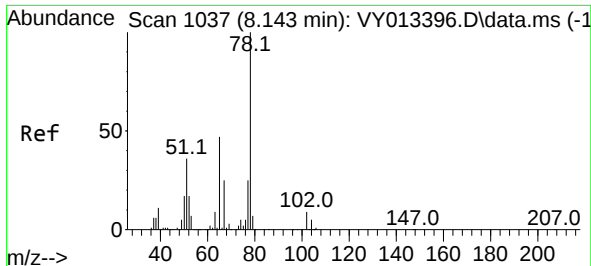
Tgt Ion: 101 Resp: 13370
Ion Ratio Lower Upper
101 100
85 47.7 35.6 53.4
151 84.1 68.0 102.0



#27
cis-1,2-Dichloroethene
Concen: 11.322 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013731.D
Acq: 15 May 2023 12:56

Tgt Ion: 96 Resp: 27962
Ion Ratio Lower Upper
96 100
61 136.1 0.0 285.0
98 64.7 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 60.825 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013731.D

Acq: 15 May 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

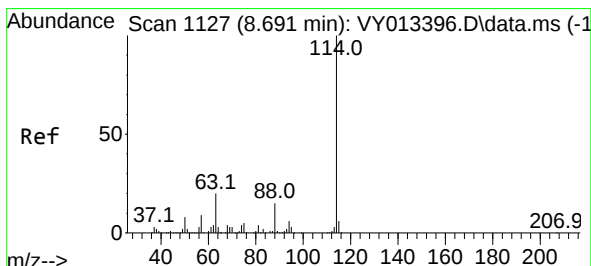
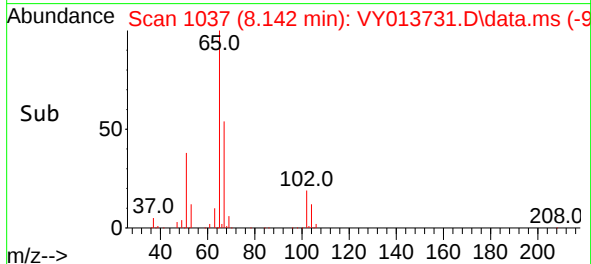
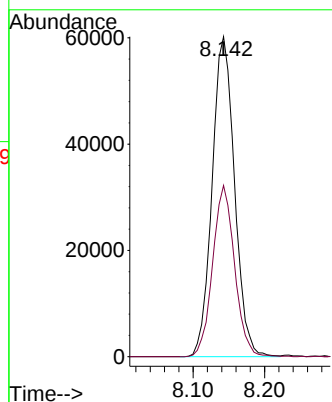
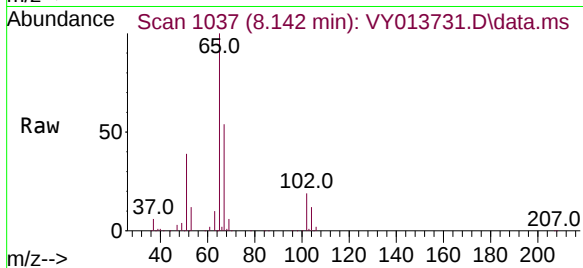
CB-14-G1-SO-14-050923

Tgt Ion: 65 Resp: 131162

Ion Ratio Lower Upper

65 100

67 52.4 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: VY013731.D

Acq: 15 May 2023 12:56

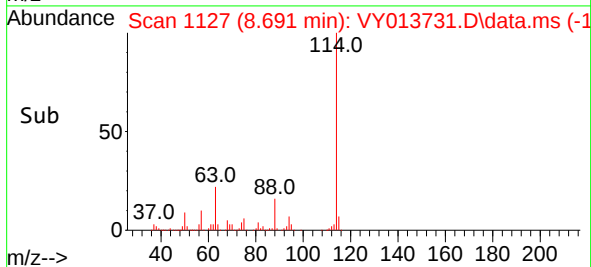
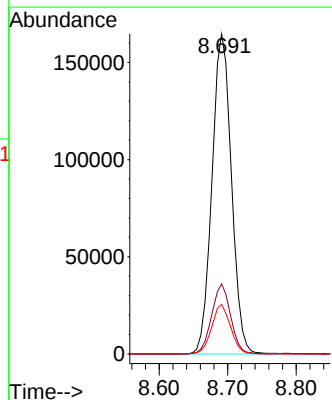
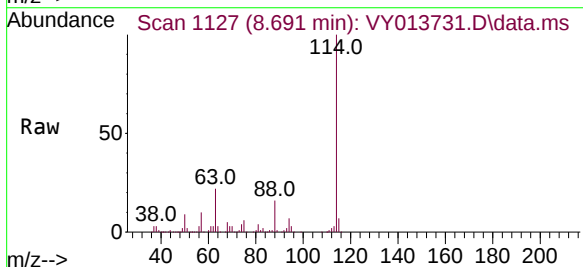
Tgt Ion: 114 Resp: 323834

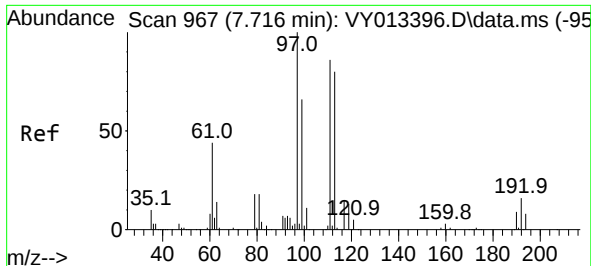
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.6

88 15.5 0.0 28.8

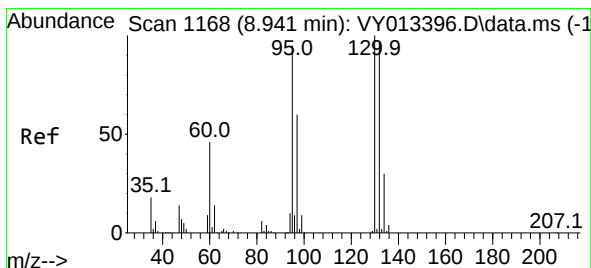
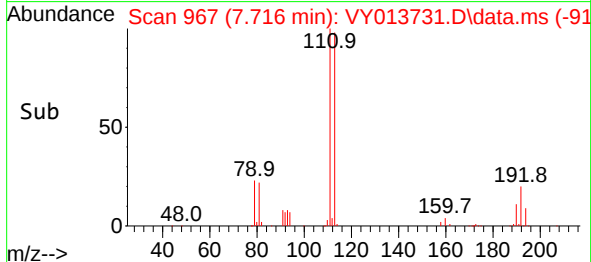
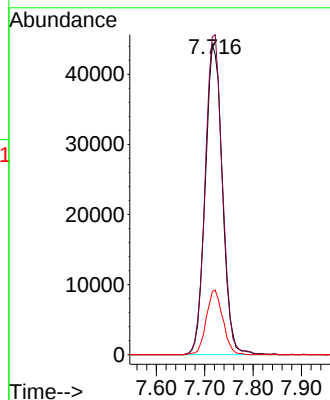
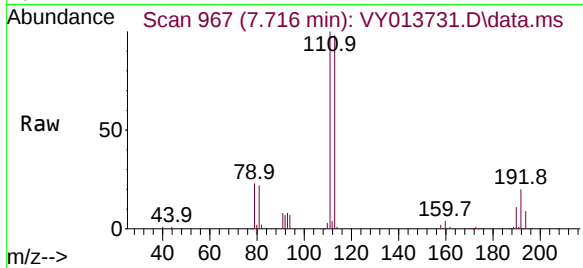




#35
Dibromofluoromethane
Concen: 53.561 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013731.D
Acq: 15 May 2023 12:56

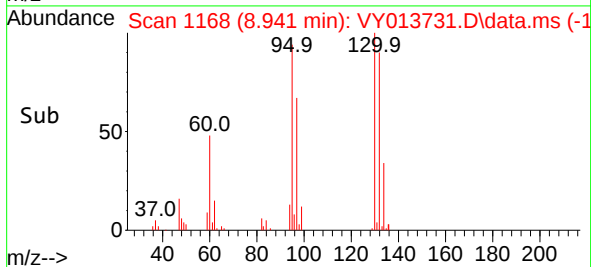
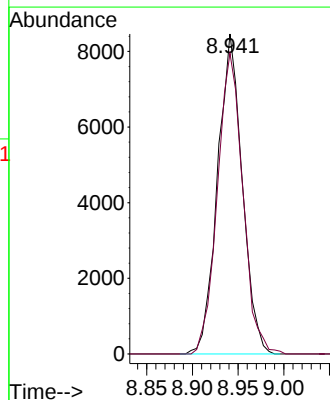
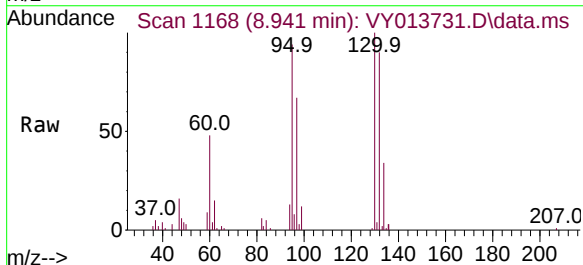
Instrument :
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ClientSampleId :
CB-14-G1-SO-14-050923

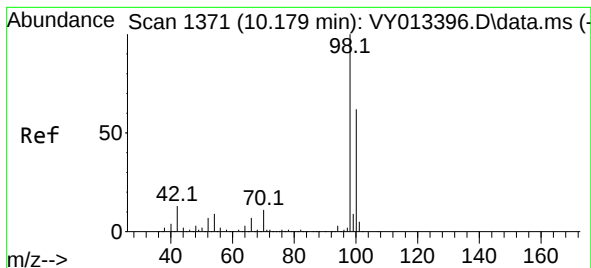
Tgt Ion:113 Resp: 109091
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.1 16.7 25.1



#44
Trichloroethene
Concen: 6.277 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013731.D
Acq: 15 May 2023 12:56

Tgt Ion:130 Resp: 15899
Ion Ratio Lower Upper
130 100
95 93.9 0.0 188.8





#50

Toluene-d8

Concen: 54.780 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013731.D

Acq: 15 May 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

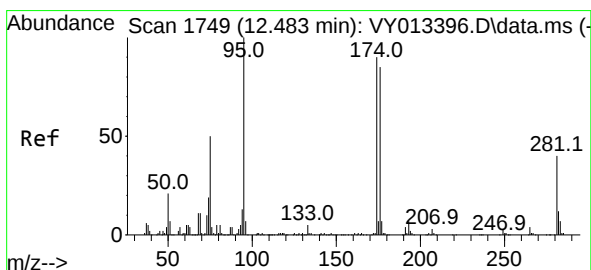
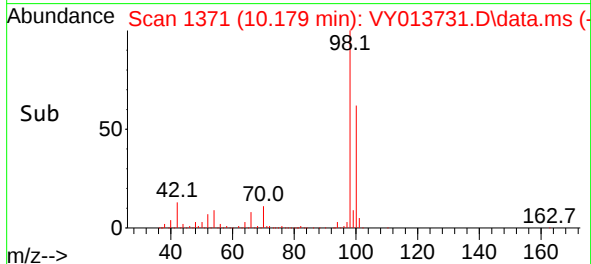
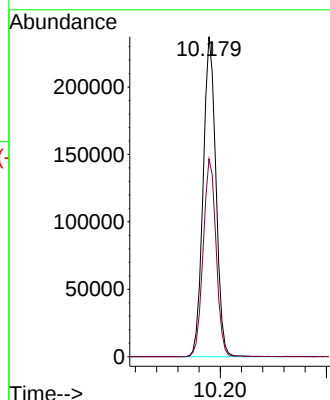
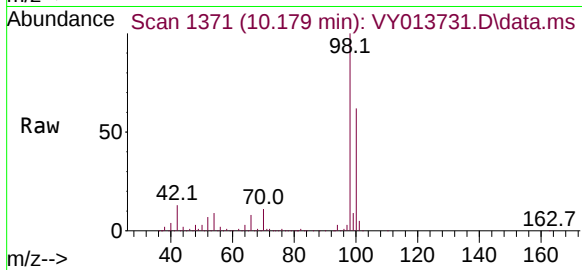
CB-14-G1-SO-14-050923

Tgt Ion: 98 Resp: 396916

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 51.917 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013731.D

Acq: 15 May 2023 12:56

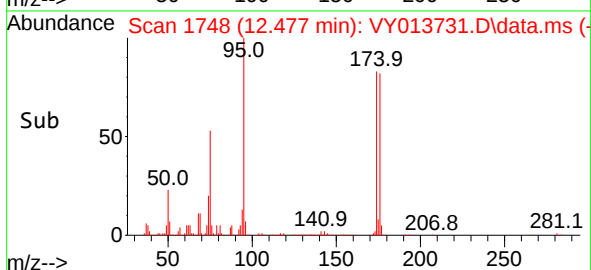
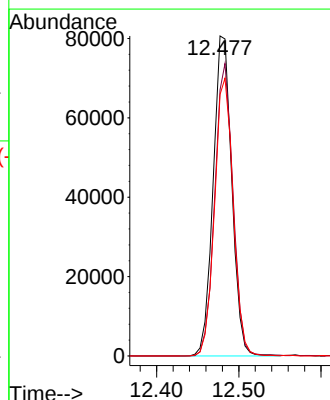
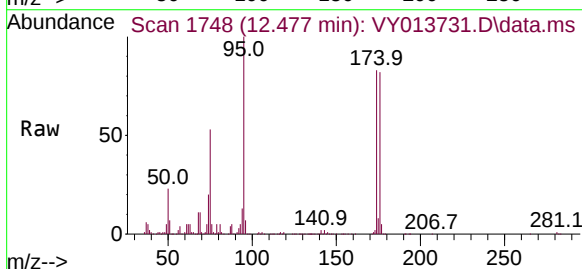
Tgt Ion: 95 Resp: 126816

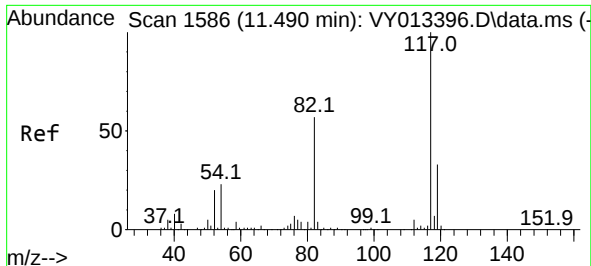
Ion Ratio Lower Upper

95 100

174 89.8 0.0 182.0

176 86.8 0.0 175.4

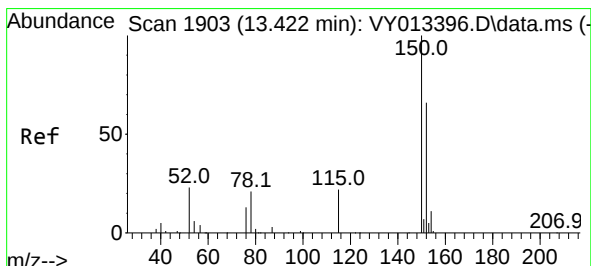
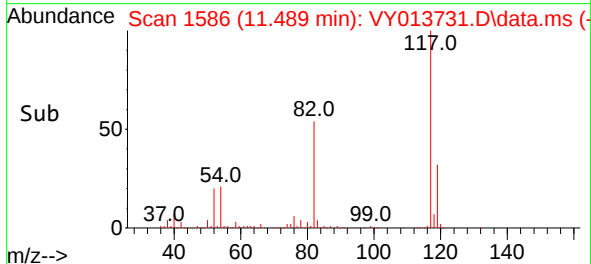
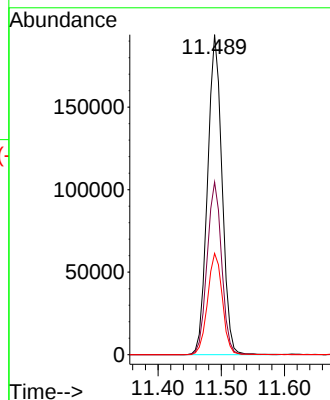
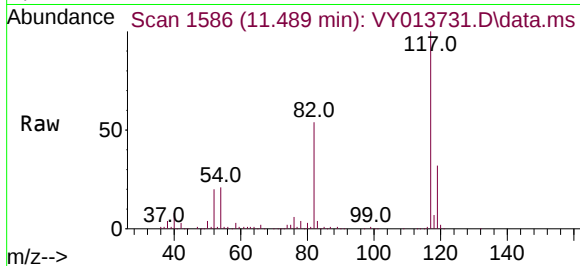




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013731.D
Acq: 15 May 2023 12:56

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

Tgt Ion:117 Resp: 308658
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013731.D
Acq: 15 May 2023 12:56

Tgt Ion:152 Resp: 137528
Ion Ratio Lower Upper
152 100
115 57.5 28.1 84.2
150 155.8 0.0 352.0

