

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013689.D
 Acq On : 10 May 2023 15:43
 Operator : KP/MD
 Sample : 02723-10
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-49.5-050923

Quant Time: May 11 03:28:34 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)

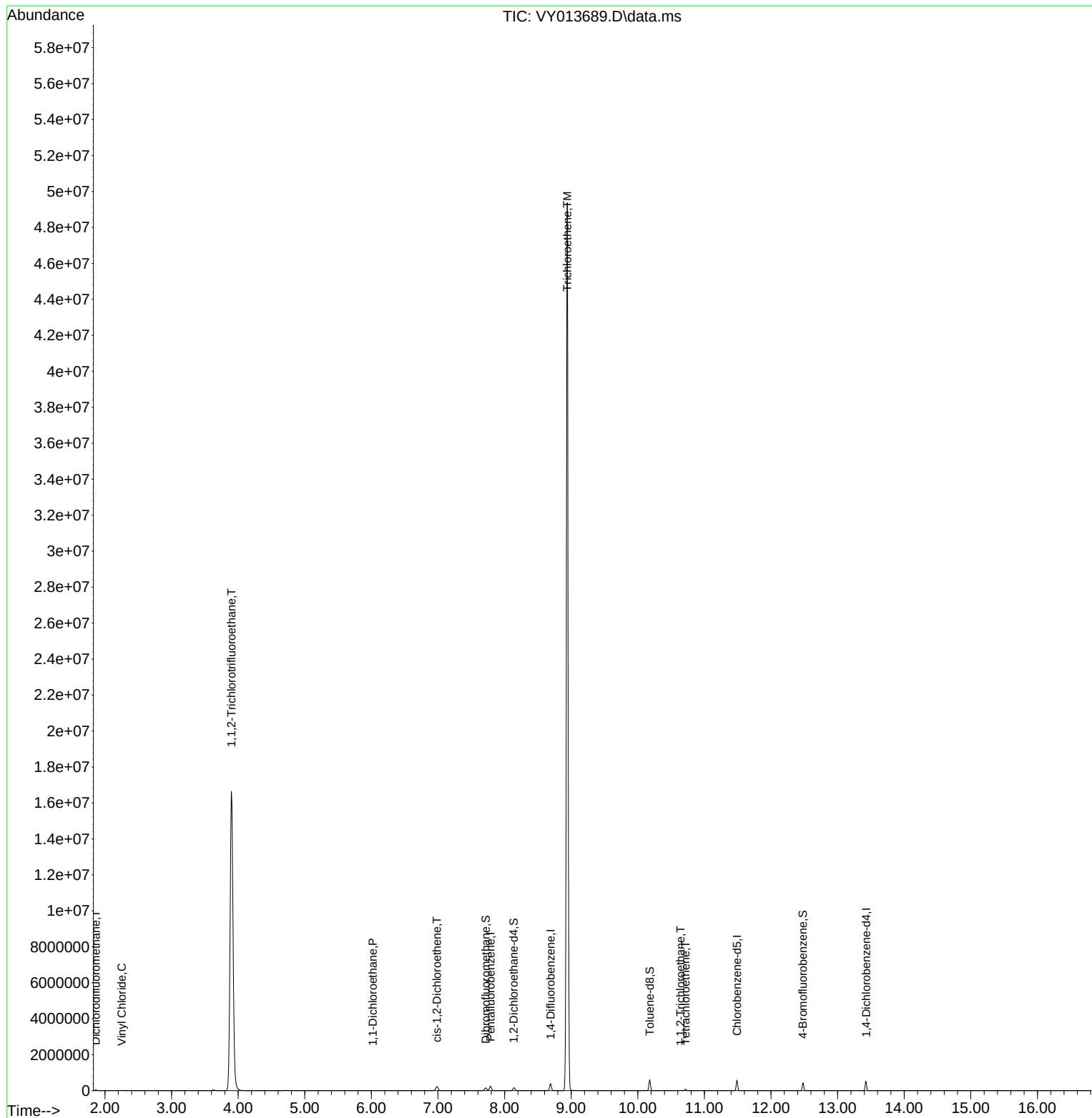
Internal Standards						
1) Pentafluorobenzene	7.789	168	193876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129975	61.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.320%	
35) Dibromofluoromethane	7.716	113	105309	52.690	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.380%	
50) Toluene-d8	10.179	98	381637	53.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.477	95	120758	50.379	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.863	85	7544	4.093	ug/l	100
4) Vinyl Chloride	2.253	62	8703	3.538	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	10341627	4947.398	ug/l	94
24) 1,1-Dichloroethane	6.021	63	7595	1.865	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	142944	58.725	ug/l	91
44) Trichloroethene	8.941	130	13977288	5623.663	ug/l	88
55) 1,1,2-Trichloroethane	10.642	97	2276	1.176	ug/l	95
64) Tetrachloroethene	10.715	164	16799	7.466	ug/l	99

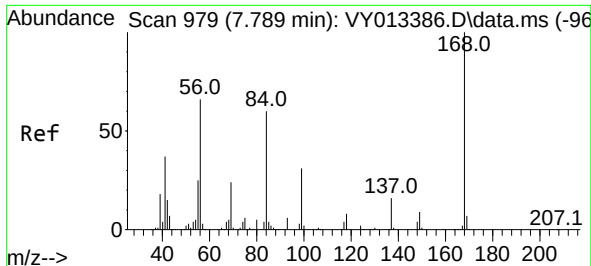
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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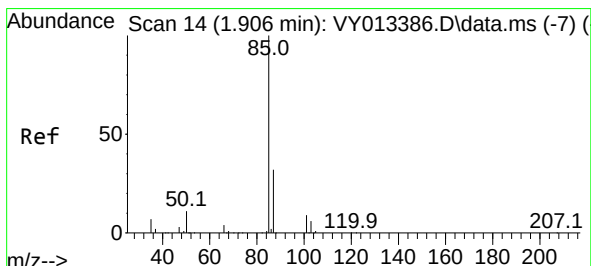
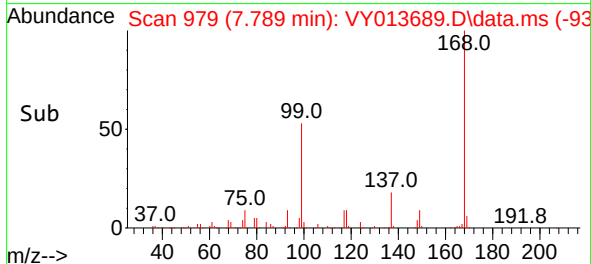
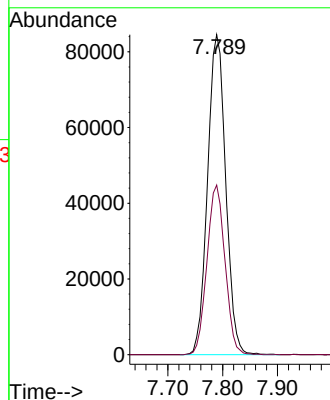
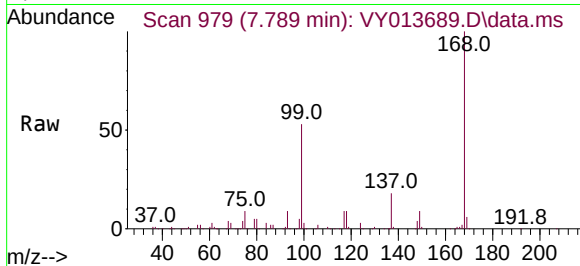




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

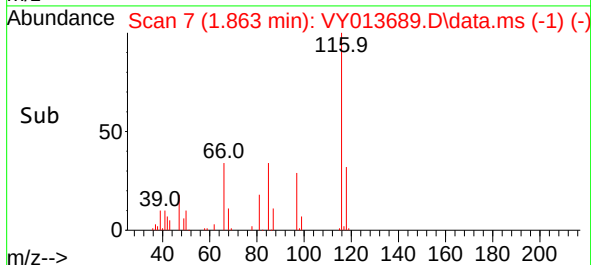
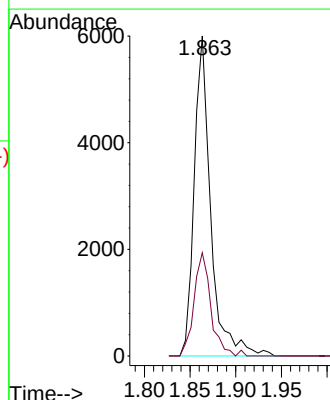
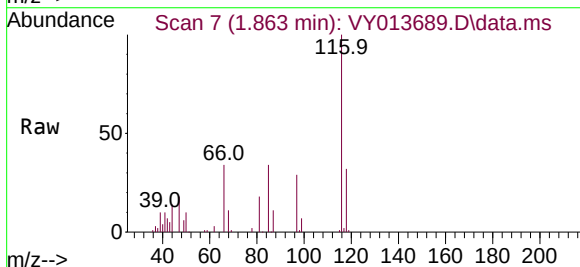
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-49.5-050923

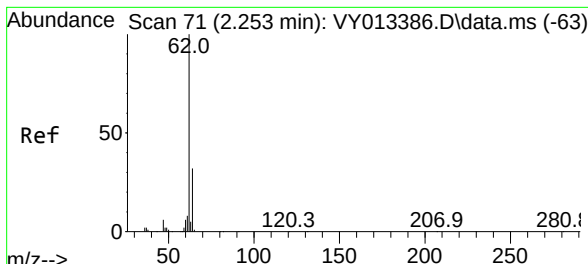
Tgt Ion:168 Resp: 193876
Ion Ratio Lower Upper
168 100
99 53.0 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 4.093 ug/l
RT: 1.863 min Scan# 7
Delta R.T. -0.043 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

Tgt Ion: 85 Resp: 7544
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

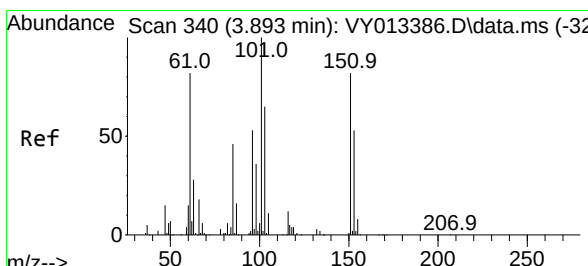
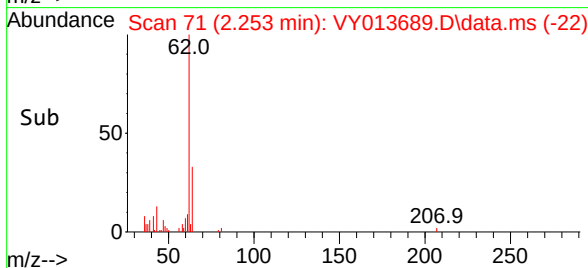
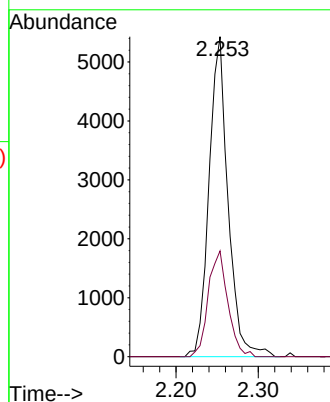
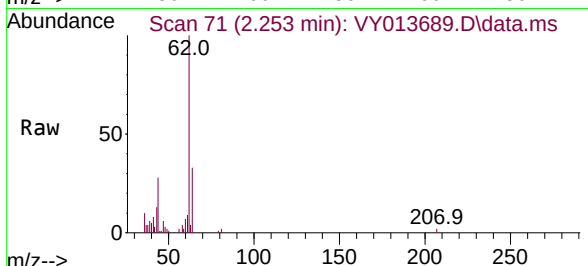




#4
 Vinyl Chloride
 Concen: 3.538 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VY013689.D
 Acq: 10 May 2023 15:43

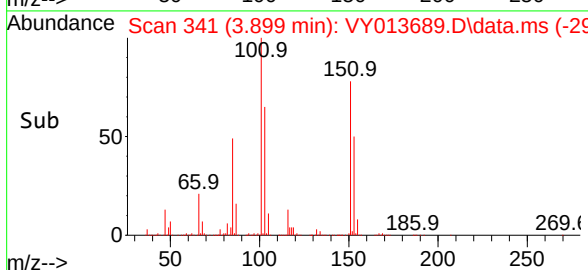
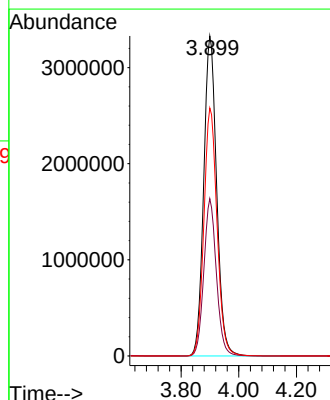
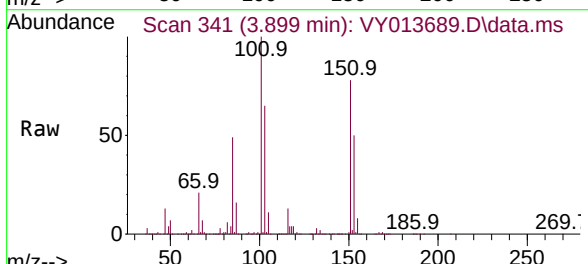
Instrument :
 MSVOA_Y
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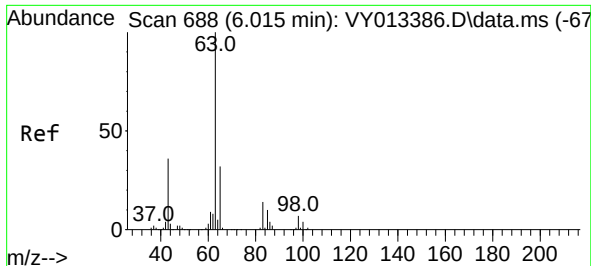
Tgt Ion: 62 Resp: 8703
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.4 38.0



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4947.398 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VY013689.D
 Acq: 10 May 2023 15:43

Tgt Ion: 101 Resp: 10341627
 Ion Ratio Lower Upper
 101 100
 85 47.7 35.6 53.4
 151 78.9 68.0 102.0

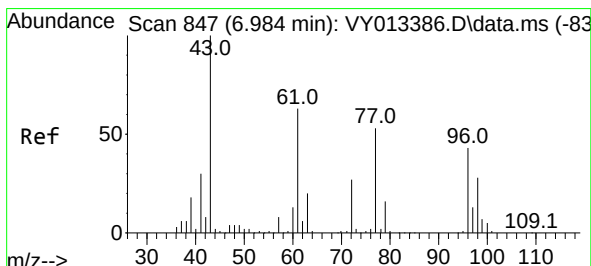
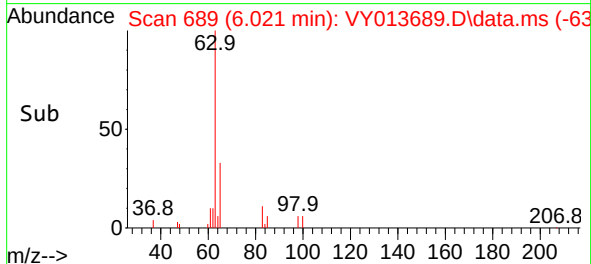
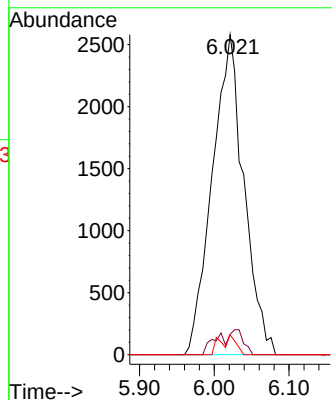
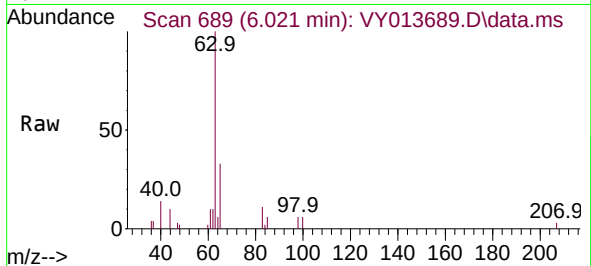




#24
1,1-Dichloroethane
Concen: 1.865 ug/l
RT: 6.021 min Scan# 61
Delta R.T. 0.006 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

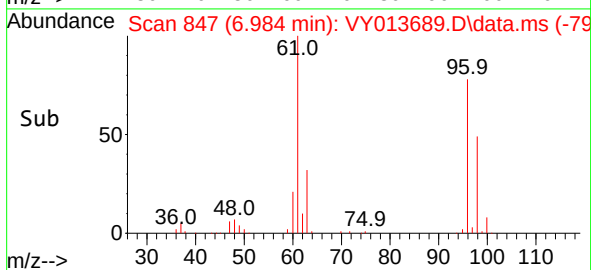
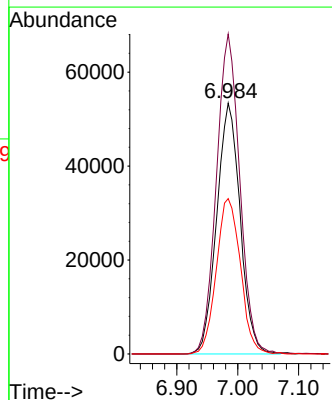
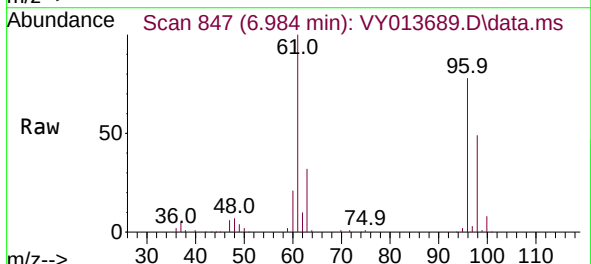
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-49.5-050923

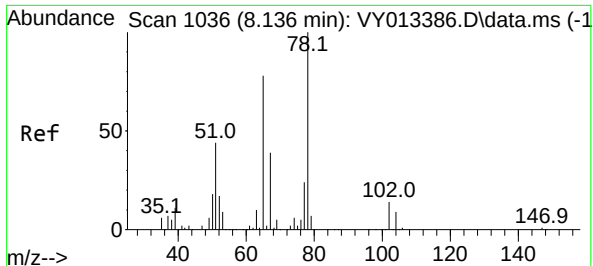
Tgt Ion: 63	Resp: 7595
Ion Ratio	Lower Upper
63 100	
98 6.4	3.5 10.6
100 6.2	2.2 6.6



#27
cis-1,2-Dichloroethene
Concen: 58.725 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

Tgt Ion: 96	Resp: 142944
Ion Ratio	Lower Upper
96 100	
61 127.1	0.0 285.0
98 63.6	0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 61.156 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013689.D

Acq: 10 May 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

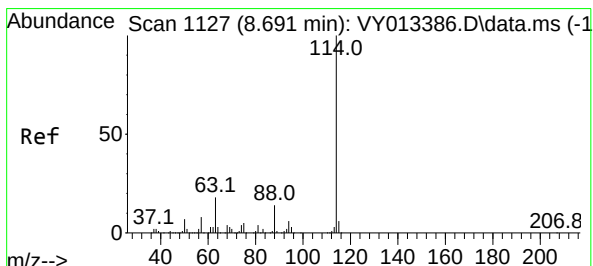
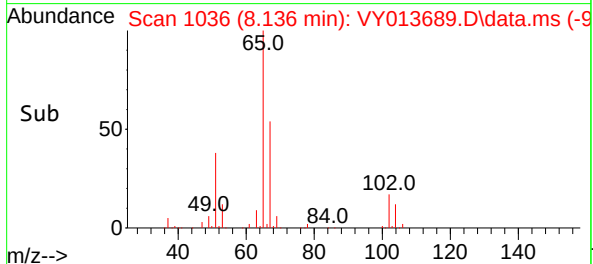
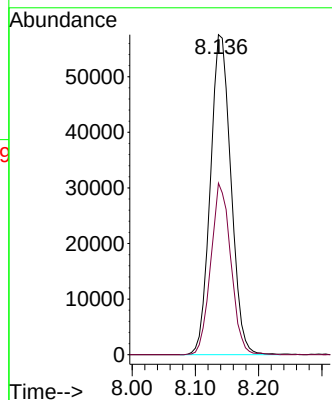
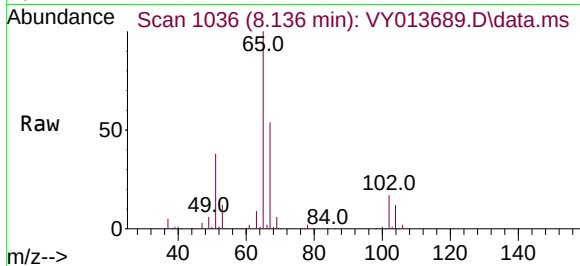
CB-14-G1-SO-49.5-050923

Tgt Ion: 65 Resp: 129975

Ion Ratio Lower Upper

65 100

67 52.1 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: VY013689.D

Acq: 10 May 2023 15:43

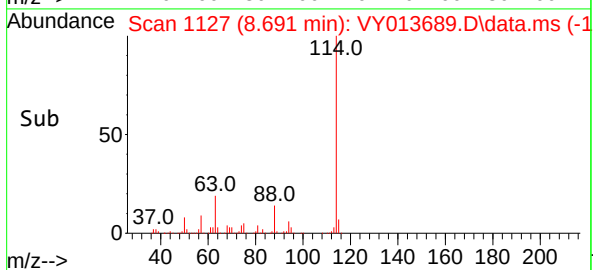
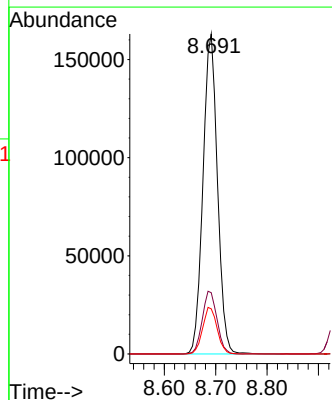
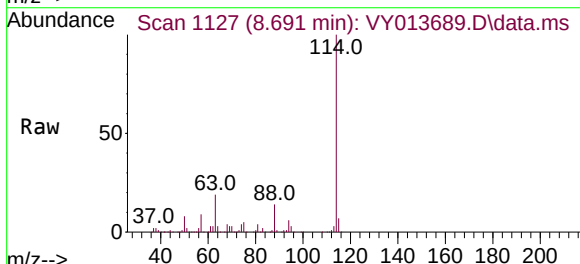
Tgt Ion: 114 Resp: 317776

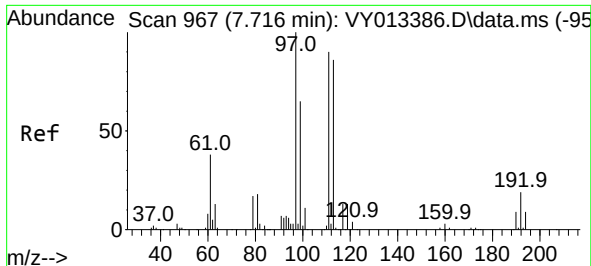
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.6

88 14.1 0.0 28.8

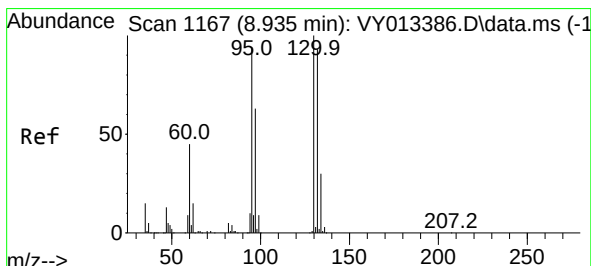
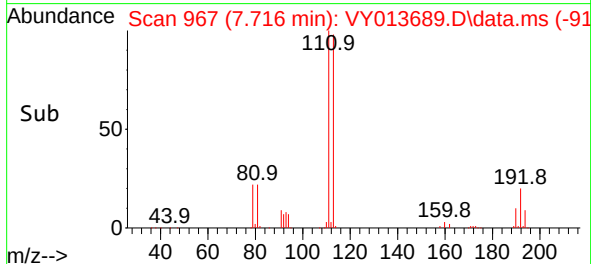
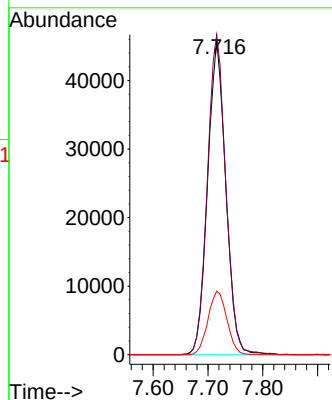
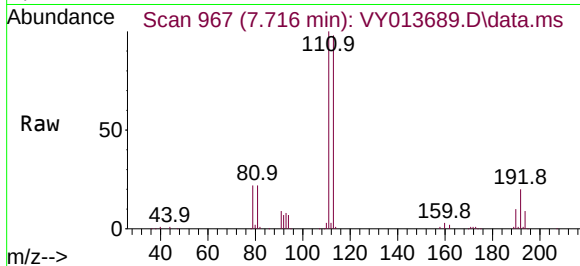




#35
Dibromofluoromethane
Concen: 52.690 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

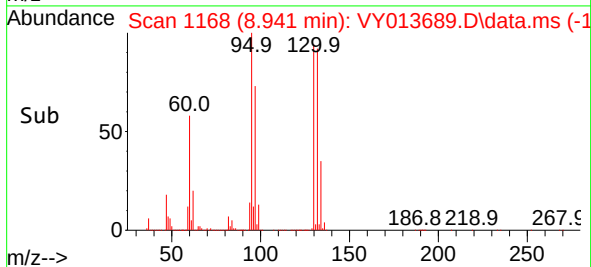
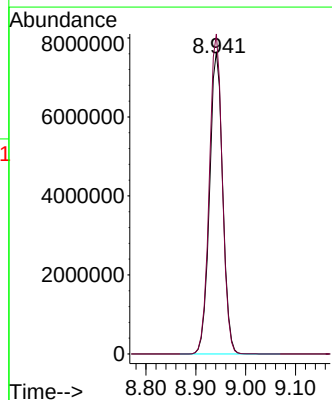
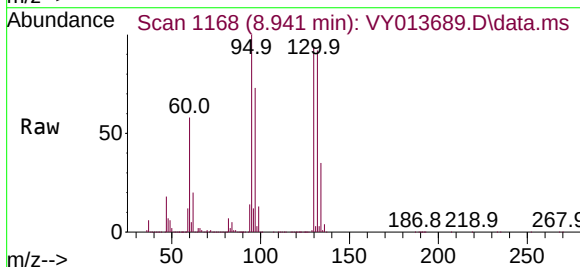
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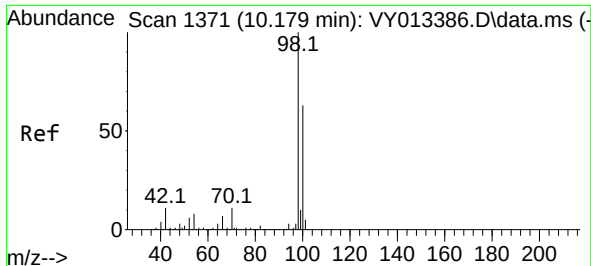
Tgt Ion:113 Resp: 105309
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.1 16.7 25.1



#44
Trichloroethene
Concen: 5623.663 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

Tgt Ion:130 Resp:13977288
Ion Ratio Lower Upper
130 100
95 105.9 0.0 188.8

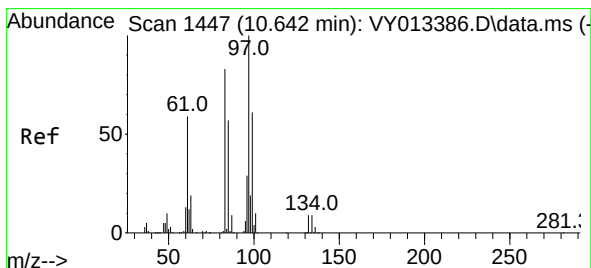
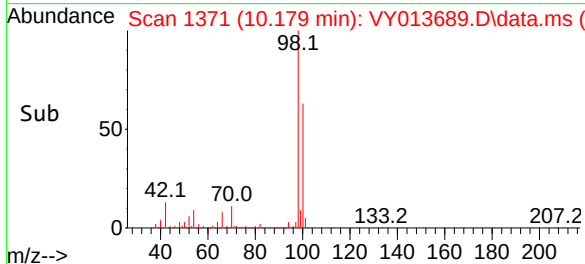
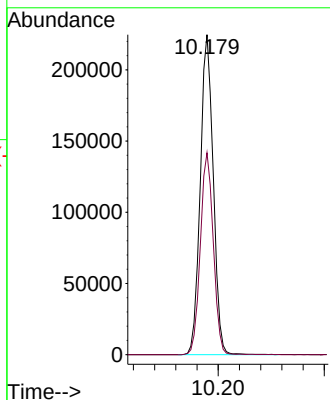
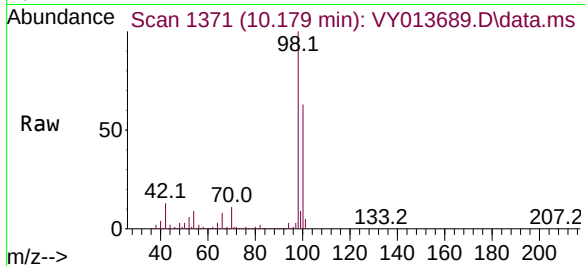




#50
Toluene-d8
Concen: 53.676 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

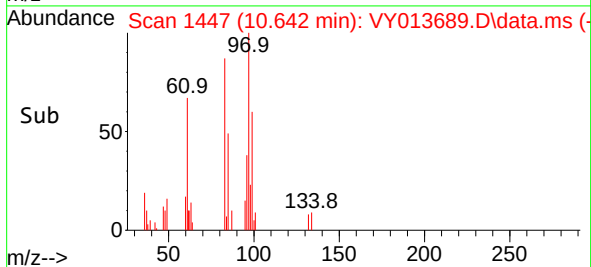
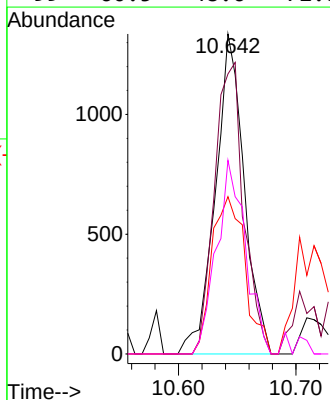
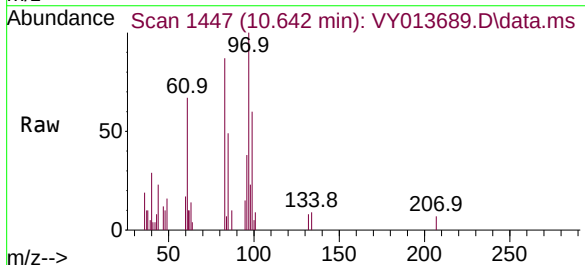
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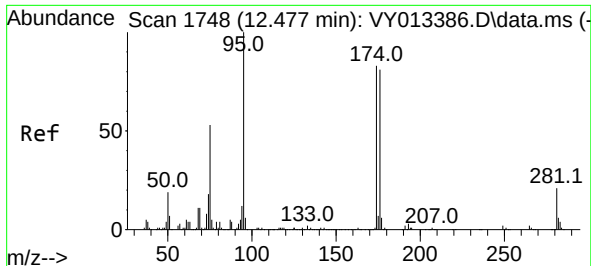
Tgt Ion: 98 Resp: 381637
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#55
1,1,2-Trichloroethane
Concen: 1.176 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

Tgt Ion: 97 Resp: 2276
Ion Ratio Lower Upper
97 100
83 87.5 66.4 99.6
85 49.2 45.6 68.4
99 60.5 48.6 72.8

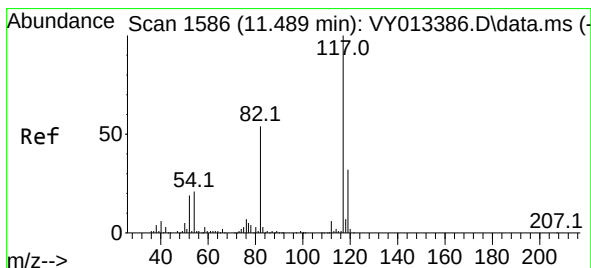
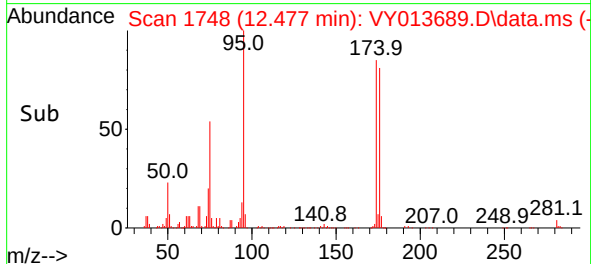
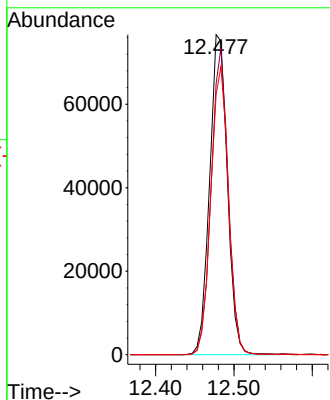
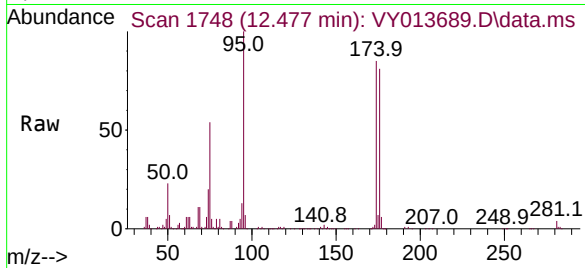




#62
4-Bromofluorobenzene
Concen: 50.379 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

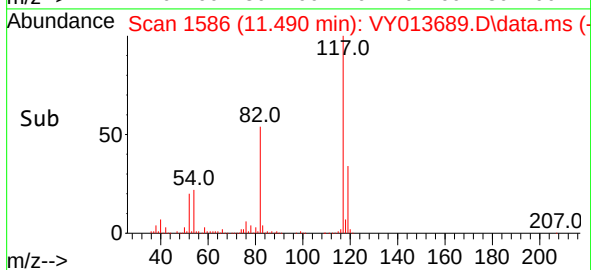
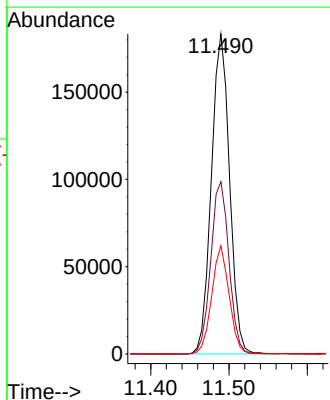
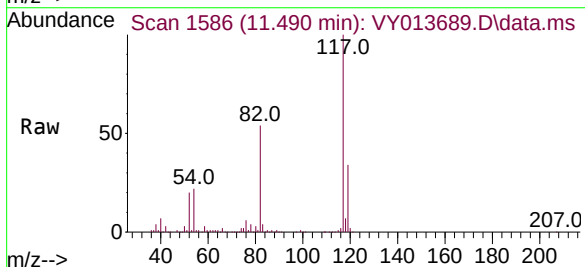
Instrument :
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CB-14-G1-SO-49.5-050923

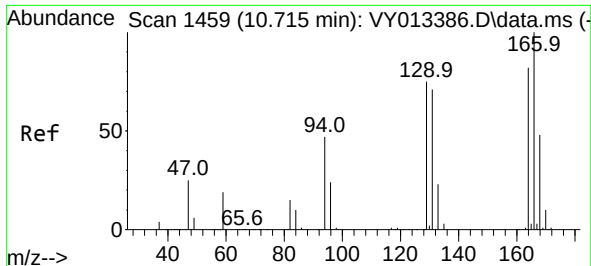
Tgt Ion: 95 Resp: 120758
Ion Ratio Lower Upper
95 100
174 92.1 0.0 182.0
176 89.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

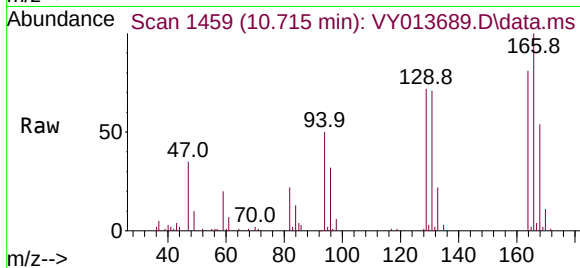
Tgt Ion: 117 Resp: 295914
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 33.8 25.5 38.3



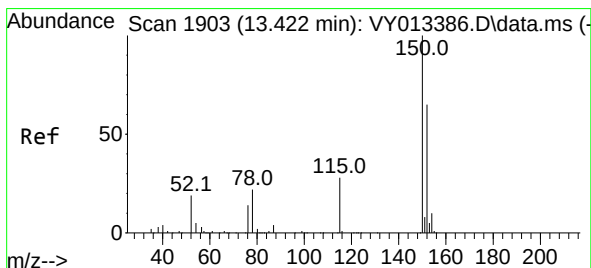
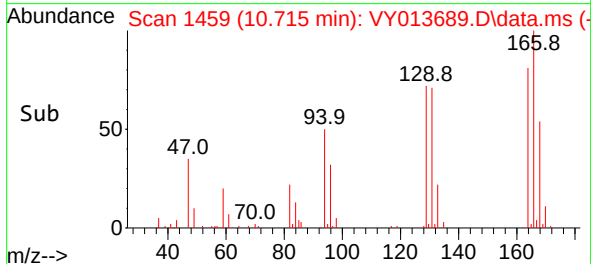
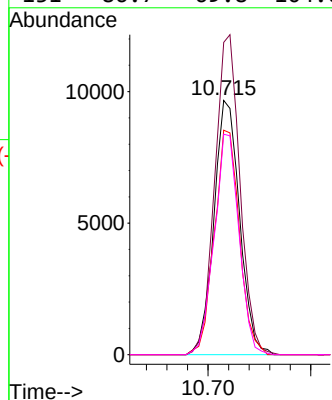


#64
Tetrachloroethene
Concen: 7.466 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-49.5-050923



Tgt Ion:164 Resp: 16799
Ion Ratio Lower Upper
164 100
166 122.8 97.5 146.3
129 88.3 72.6 109.0
131 86.7 69.8 104.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013689.D
Acq: 10 May 2023 15:43

Tgt Ion:152 Resp: 134961
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.2
150 156.1 0.0 352.0

