

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013708.D
 Acq On : 11 May 2023 11:30
 Operator : KP/MD
 Sample : 02719-11
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01 5-7 20230509

Quant Time: May 12 04:39:52 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)

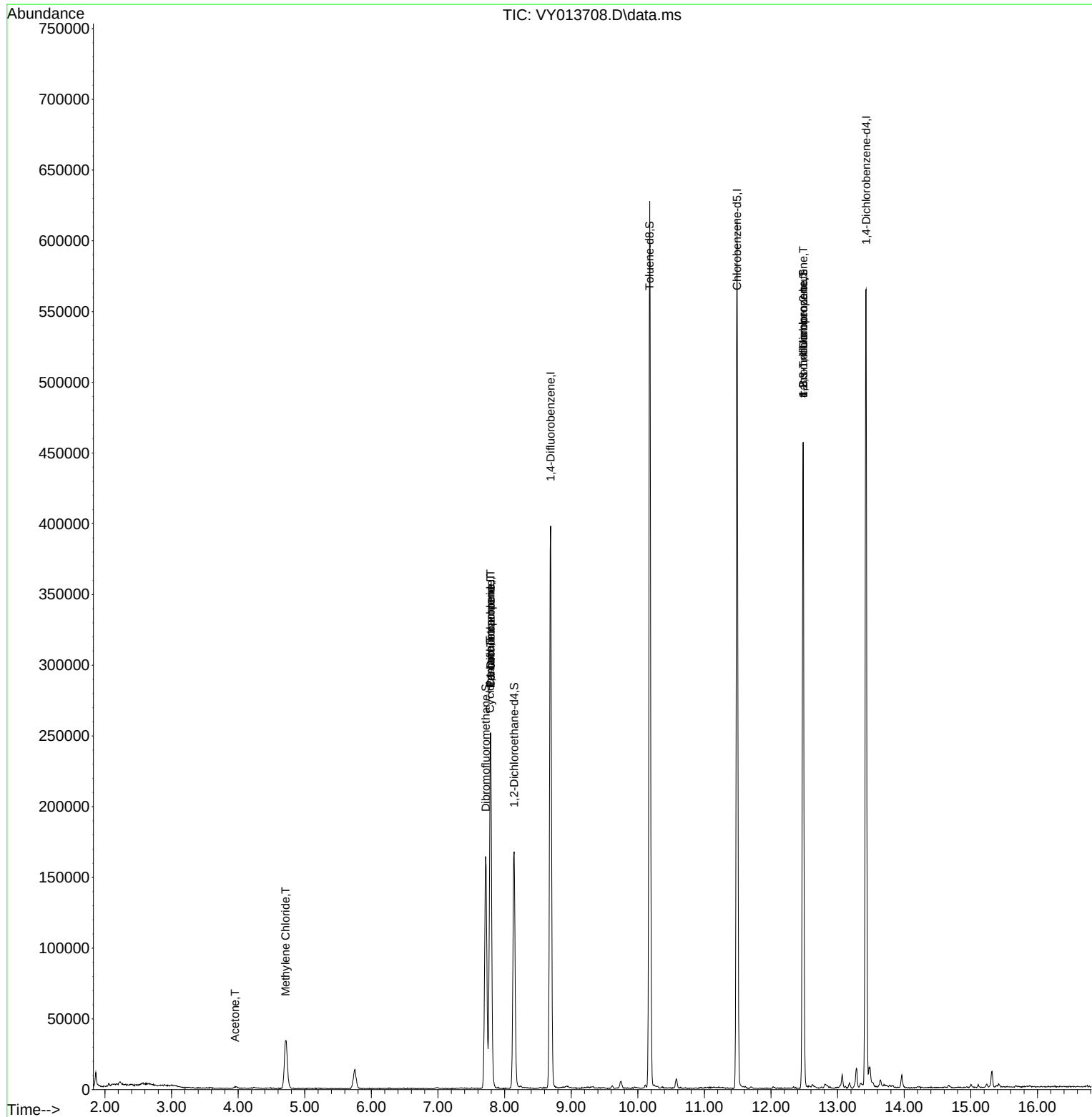
Internal Standards						
1) Pentafluorobenzene	7.789	168	196034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	138906	64.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.280%	
35) Dibromofluoromethane	7.716	113	111791	53.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.580%	
50) Toluene-d8	10.179	98	402945	54.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.483	95	129281	51.868	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.740%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	892	1.054	ug/l	99
20) Methylene Chloride	4.710	84	25222	1.699	ug/l	89
31) Cyclohexane	7.783	56	4428	1.151	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14847	4.304	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19112	5.287	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	70320	35.341	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70320	72.292	ug/l #	13

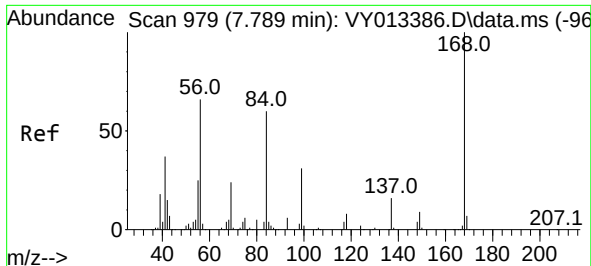
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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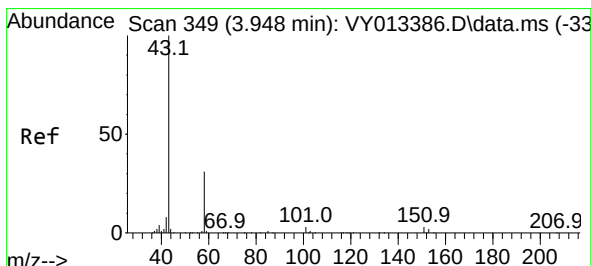
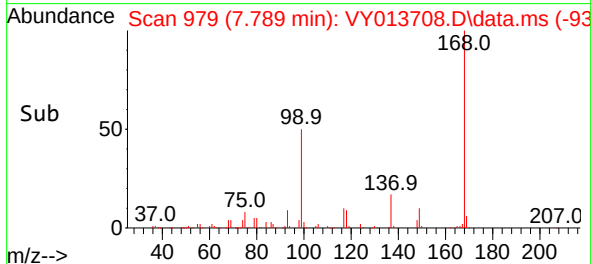
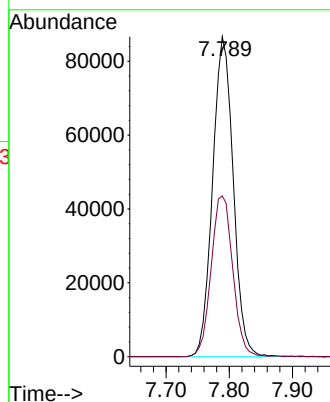
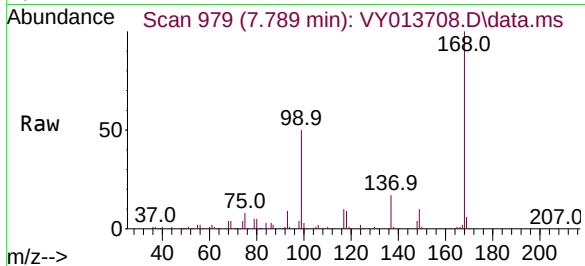




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

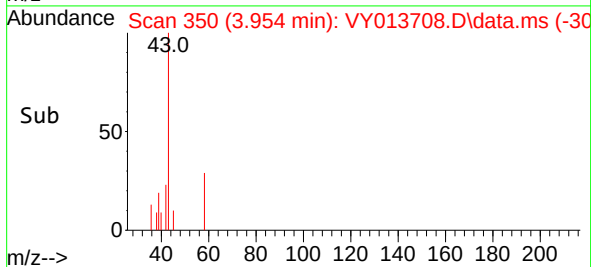
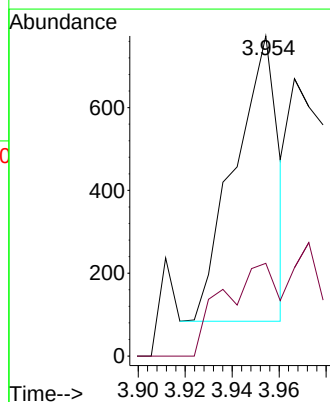
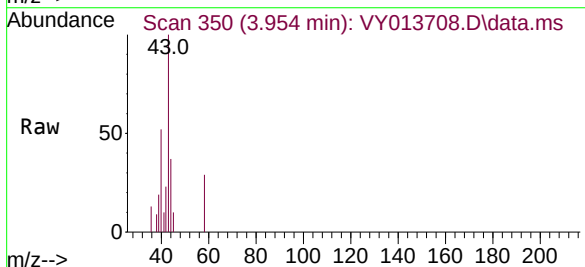
Instrument :
MSVOA_Y
ClientSampleId :
SB-01_5-7_20230509

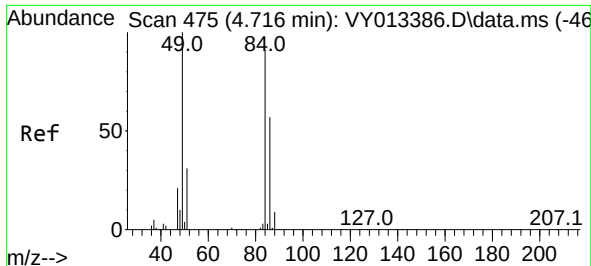
Tgt Ion:168 Resp: 196034
Ion Ratio Lower Upper
168 100
99 50.3 41.8 62.6



#16
Acetone
Concen: 1.054 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

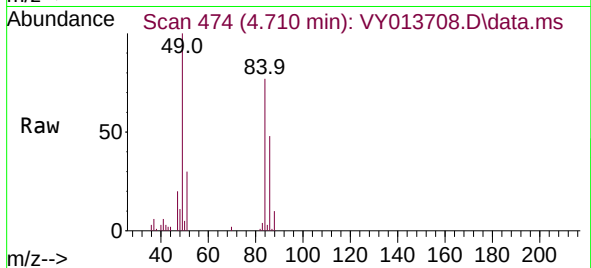
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 32.5 25.4 38.0



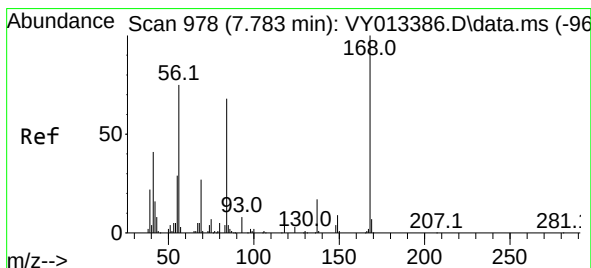
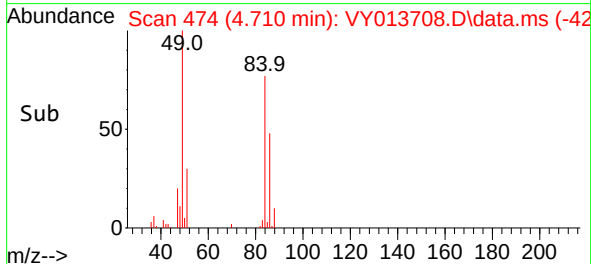
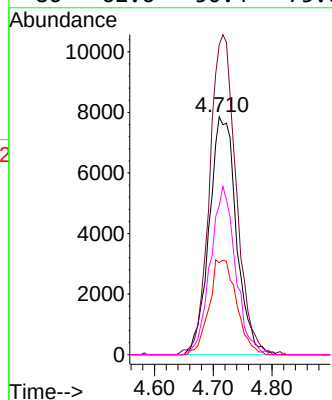


#20
Methylene Chloride
Concen: 1.699 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-01_5-7_20230509

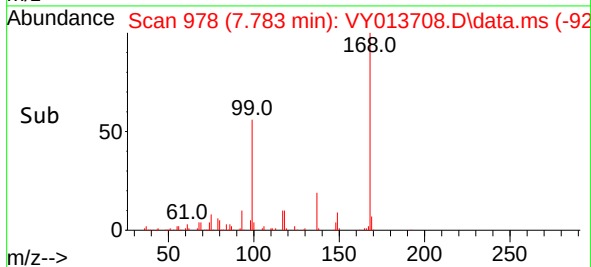
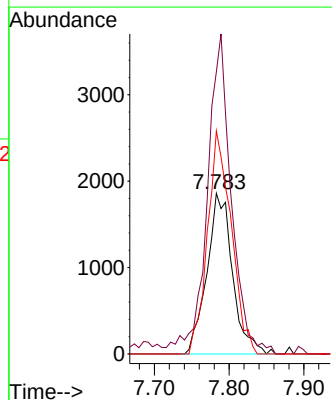
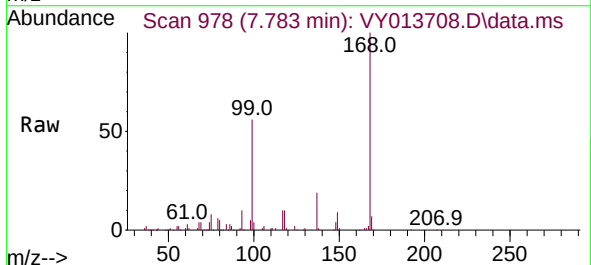


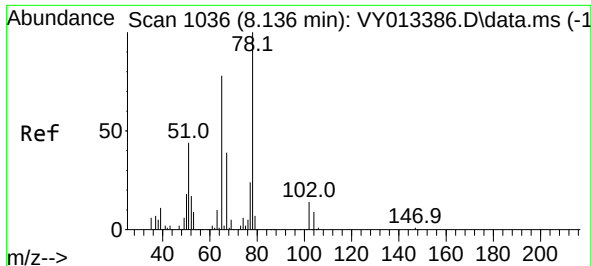
Tgt Ion:	84	Resp:	25222
Ion	Ratio	Lower	Upper
84	100		
49	129.3	88.0	132.0
51	38.7	27.4	41.0
86	62.6	50.4	75.6



#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

Tgt Ion:	56	Resp:	4428
Ion	Ratio	Lower	Upper
56	100		
69	175.7	29.2	43.8#
84	138.8	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 64.639 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013708.D

Acq: 11 May 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

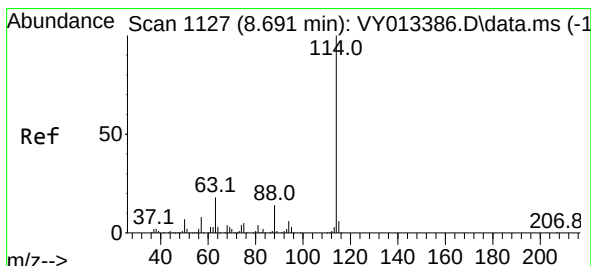
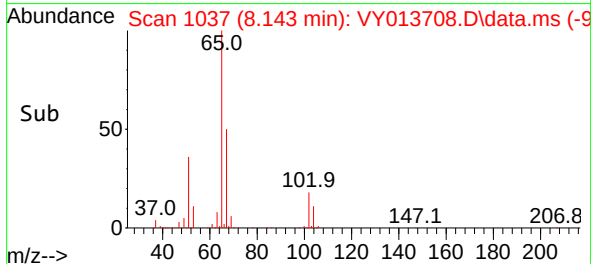
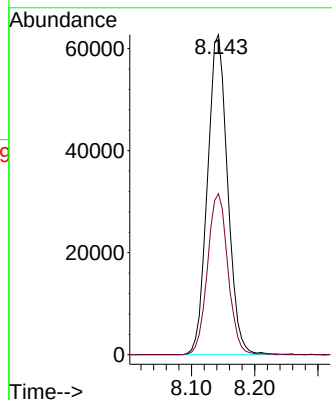
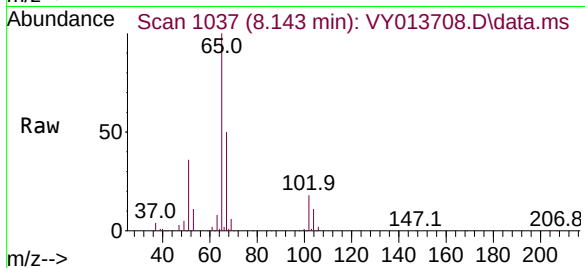
SB-01_5-7_20230509

Tgt Ion: 65 Resp: 138906

Ion Ratio Lower Upper

65 100

67 51.0 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: VY013708.D

Acq: 11 May 2023 11:30

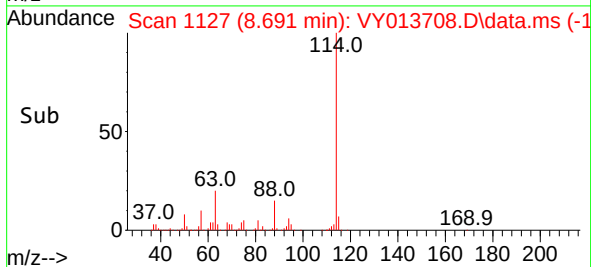
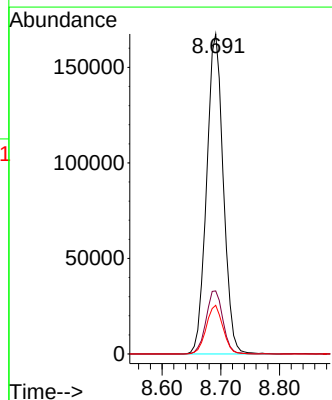
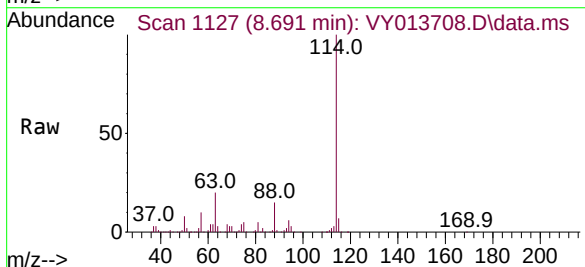
Tgt Ion: 114 Resp: 330441

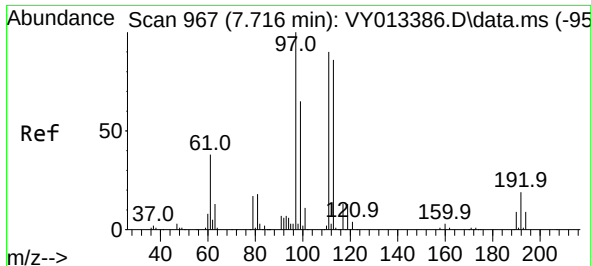
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

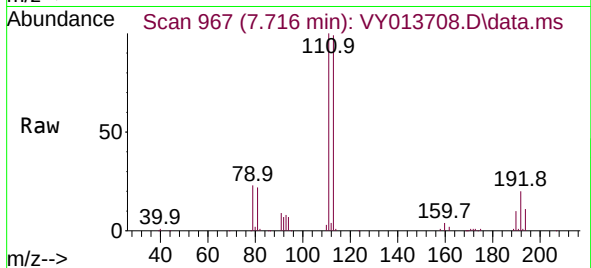
88 15.2 0.0 28.8



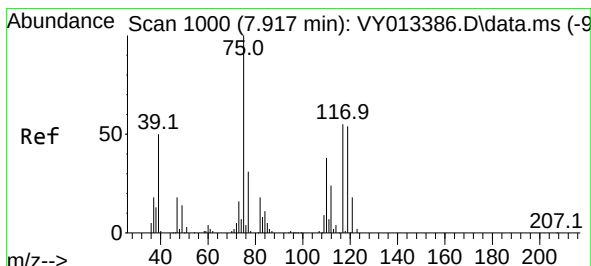
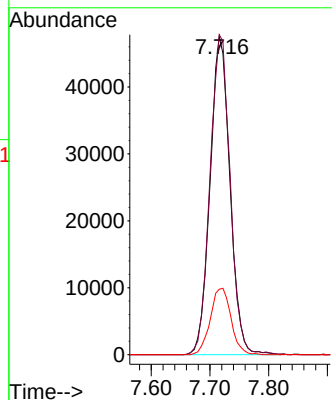
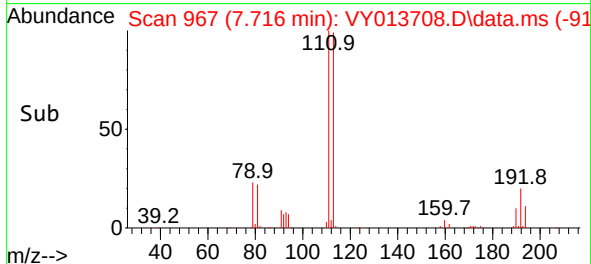


#35
Dibromofluoromethane
Concen: 53.789 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

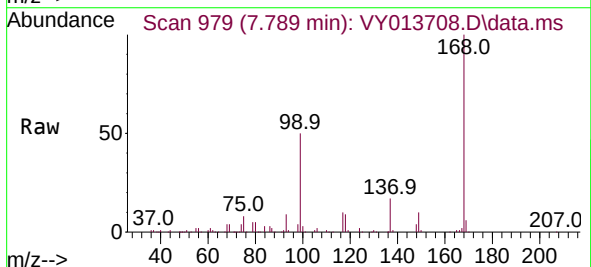
Instrument :
MSVOA_Y
ClientSampleId :
SB-01_5-7_20230509



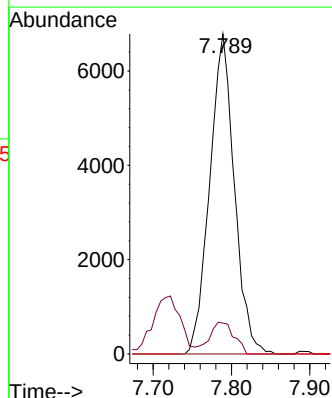
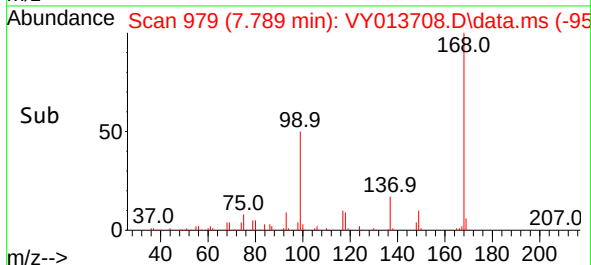
Tgt Ion:113 Resp: 111791
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 21.8 16.7 25.1

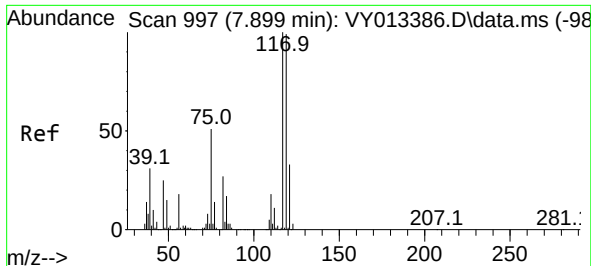


#36
1,1-Dichloropropene
Concen: 4.304 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30



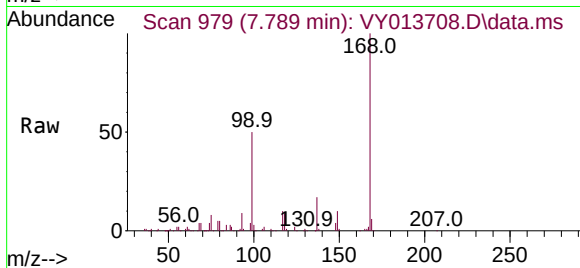
Tgt Ion: 75 Resp: 14847
Ion Ratio Lower Upper
75 100
110 10.0 18.7 56.1#
77 0.0 24.6 37.0#



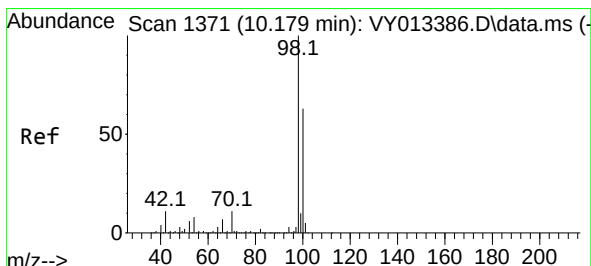
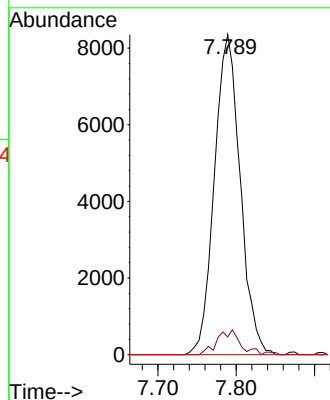
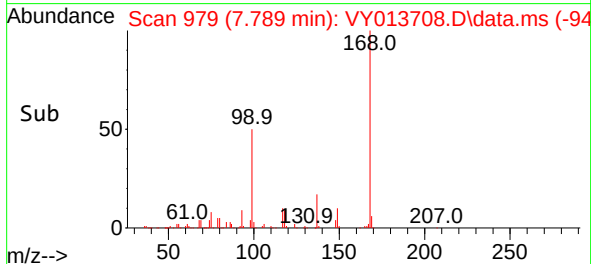


#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-01_5-7_20230509

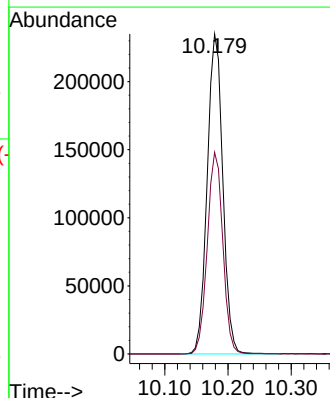
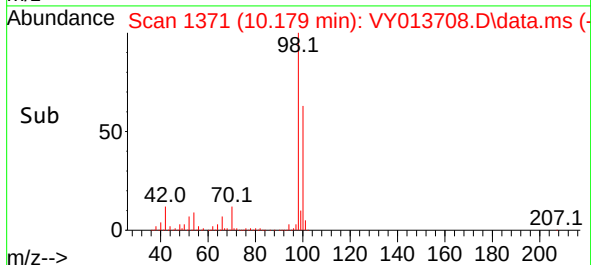
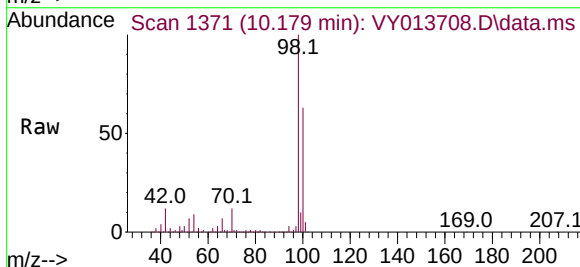


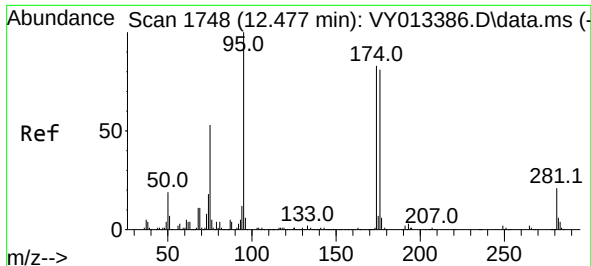
Tgt Ion:117 Resp: 19112
Ion Ratio Lower Upper
117 100
119 5.5 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.500 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

Tgt Ion: 98 Resp: 402945
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

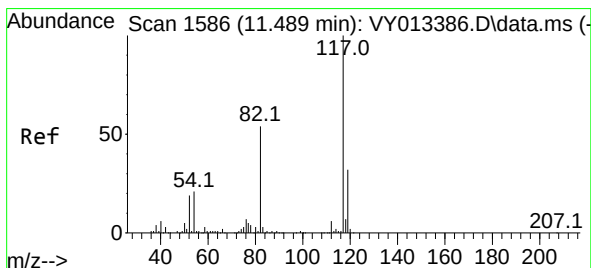
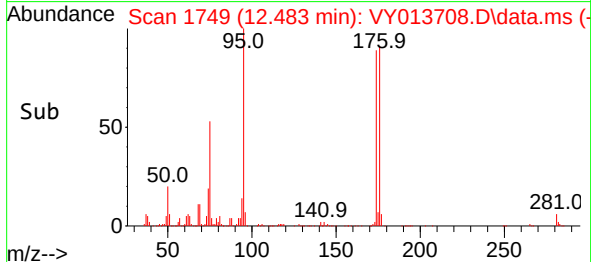
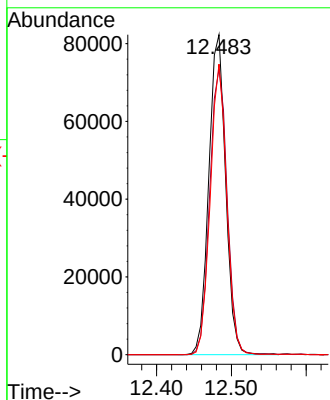
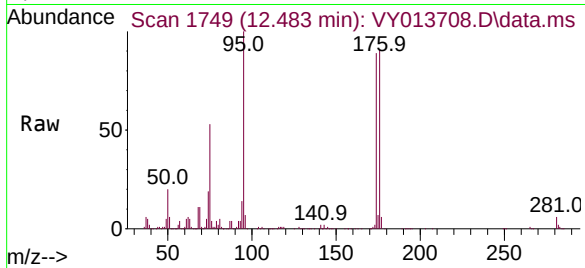




#62
4-Bromofluorobenzene
Concen: 51.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

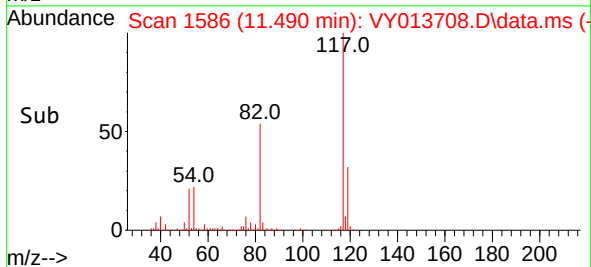
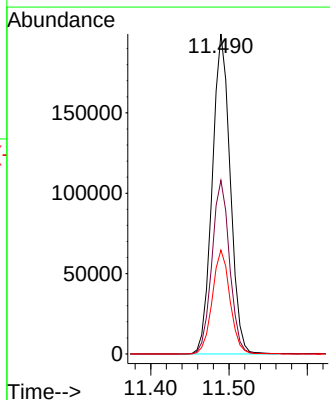
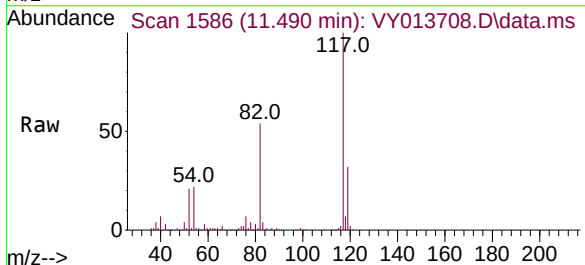
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ClientSampleId :
SB-01_5-7_20230509

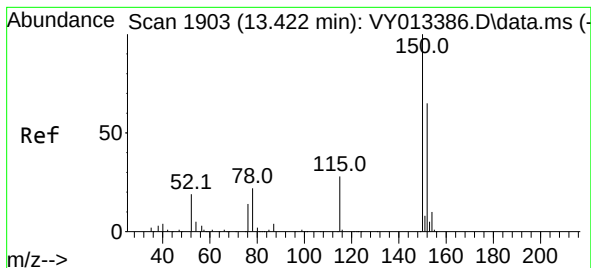
Tgt Ion: 95 Resp: 129281
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.0
176 88.8 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013708.D
Acq: 11 May 2023 11:30

Tgt Ion: 117 Resp: 317462
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.6
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY013708.D

Acq: 11 May 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

SB-01_5-7_20230509

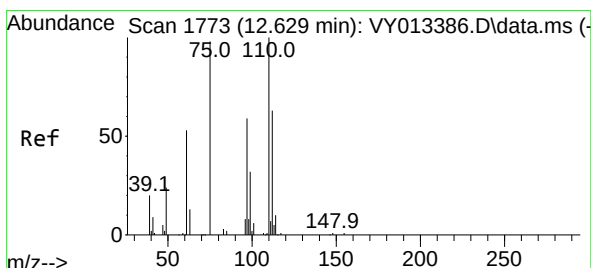
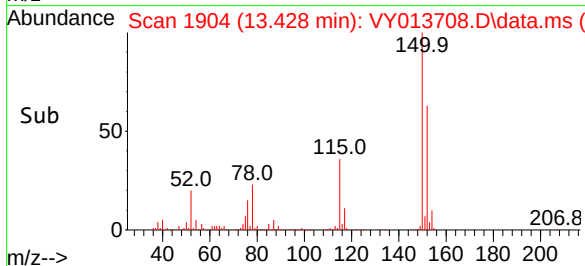
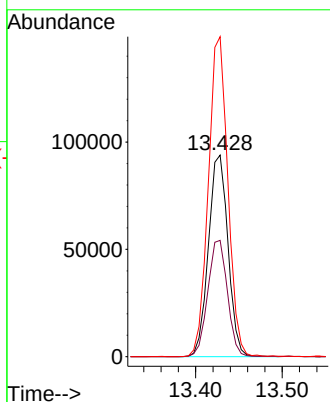
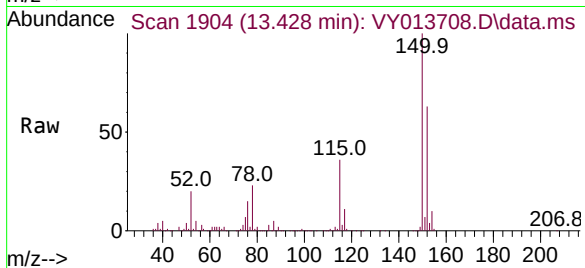
Tgt Ion:152 Resp: 147541

Ion Ratio Lower Upper

152 100

115 58.0 28.1 84.2

150 157.9 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 35.341 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013708.D

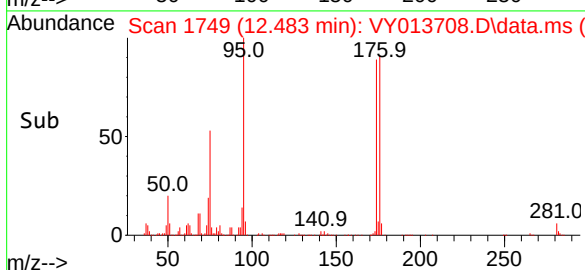
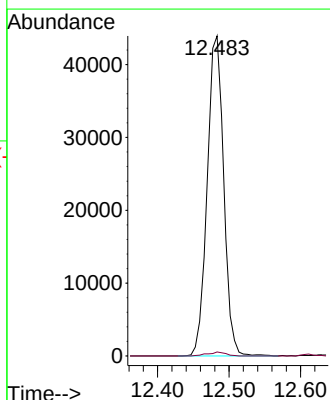
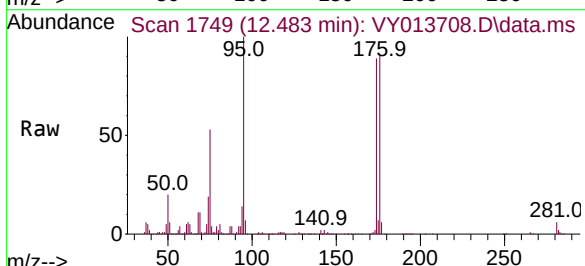
Acq: 11 May 2023 11:30

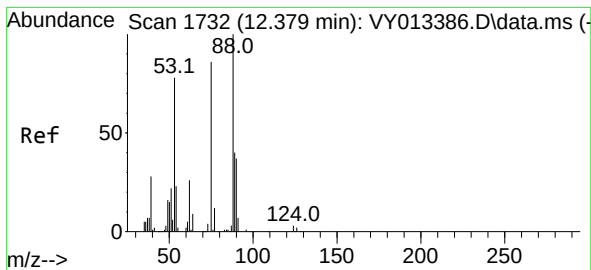
Tgt Ion: 75 Resp: 70320

Ion Ratio Lower Upper

75 100

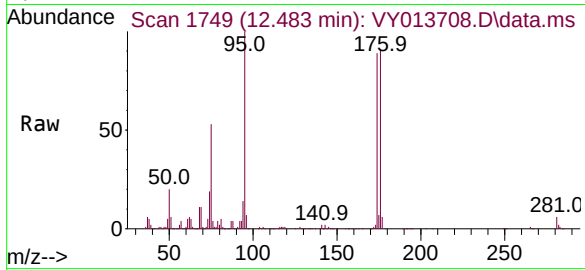
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.292 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013708.D
 Acq: 11 May 2023 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01_5-7_20230509



Tgt Ion: 75 Resp: 70320
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.1 38.0 57.0#

