

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013696.D
 Acq On : 10 May 2023 18:27
 Operator : KP/MD
 Sample : 02719-06
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02_0-2_20230509

Quant Time: May 11 03:31:45 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)

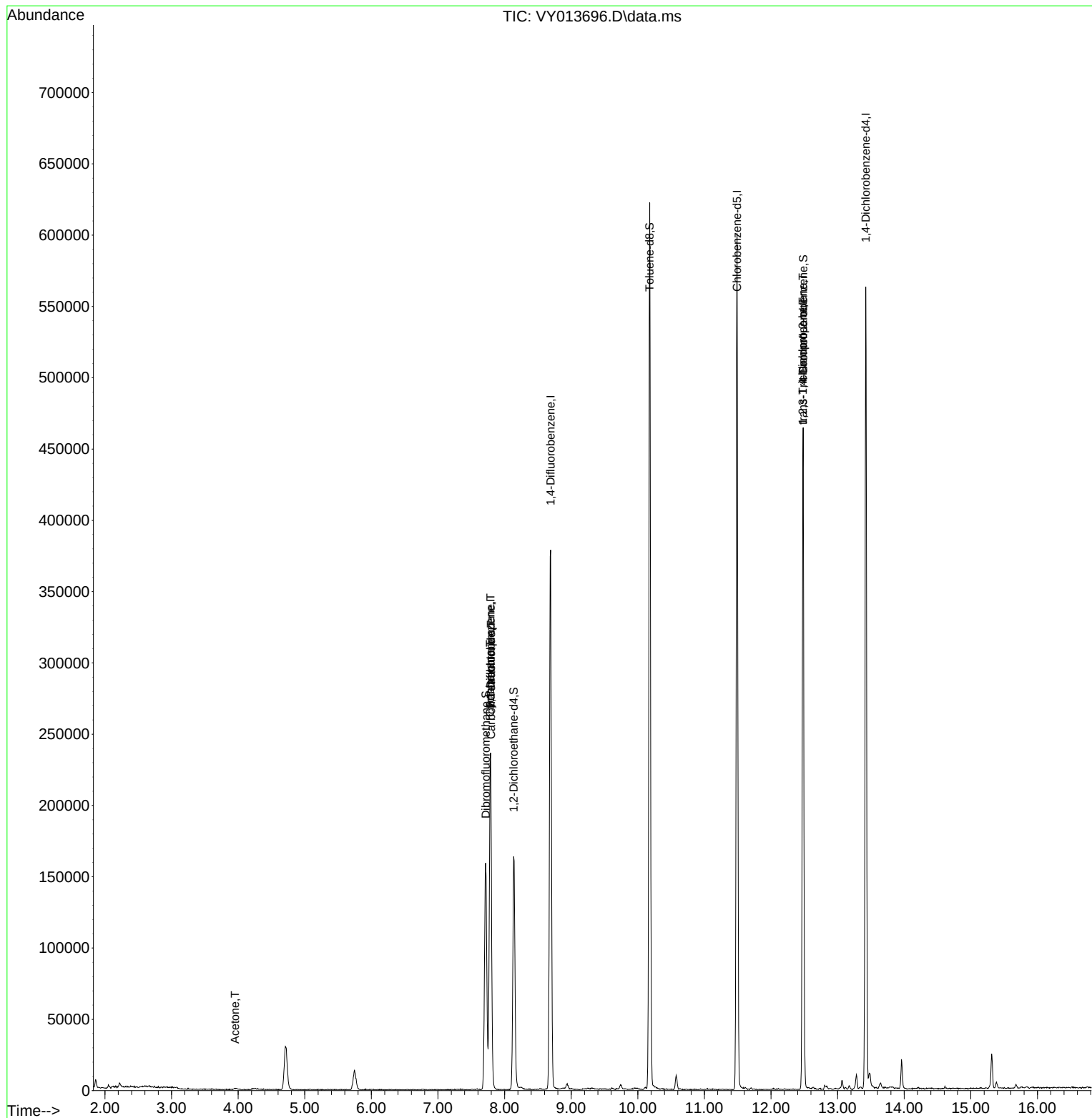
Internal Standards						
1) Pentafluorobenzene	7.789	168	185736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	315460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133146	65.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.780%	
35) Dibromofluoromethane	7.716	113	109703	54.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.520%	
50) Toluene-d8	10.179	98	387694	54.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.800%	
62) 4-Bromofluorobenzene	12.483	95	126218	52.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.080%	
Target Compounds						
					Qvalue	
13) Acrolein	3.942	56	29	Below Cal	#	16
16) Acetone	3.954	43	2429	3.029	ug/l #	85
31) Cyclohexane	7.783	56	4445	1.219	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	14156	4.258	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18129	5.203	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	68256	34.633	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	68256	70.843	ug/l #	13

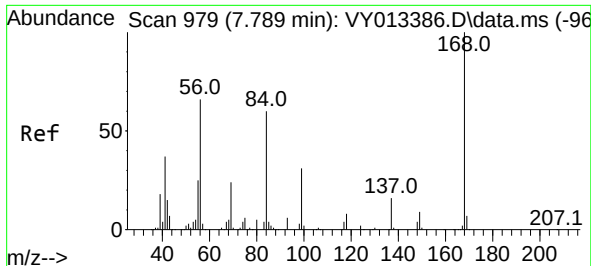
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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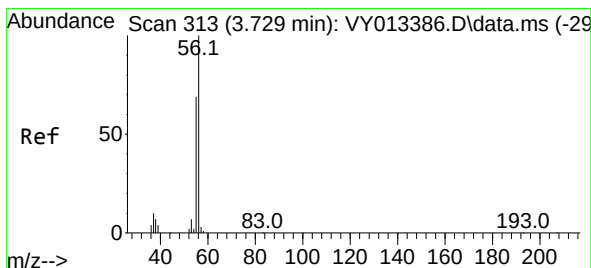
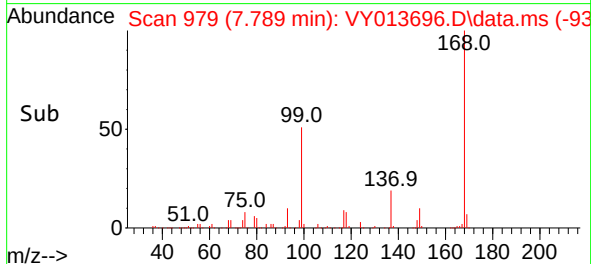
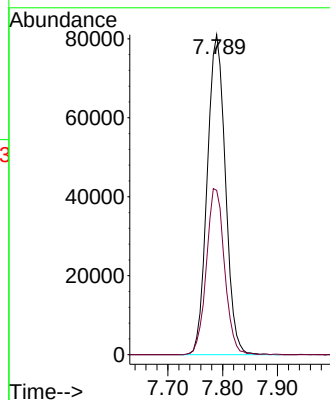
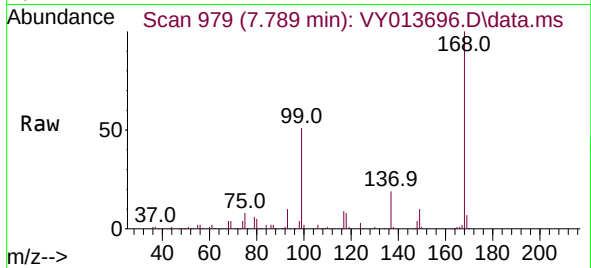




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

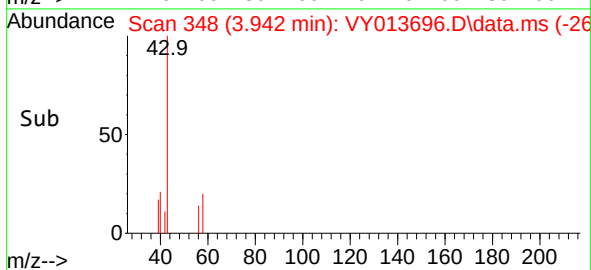
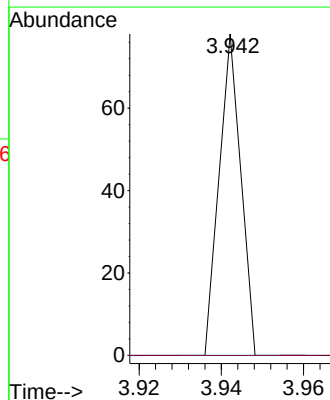
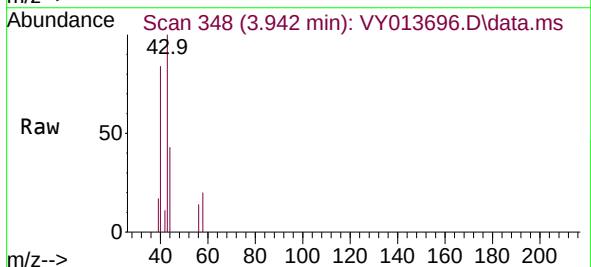
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_0-2_20230509

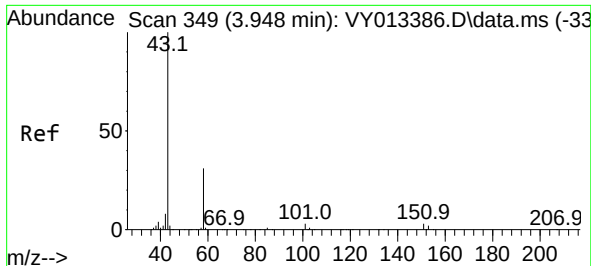
Tgt Ion:168 Resp: 185736
Ion Ratio Lower Upper
168 100
99 51.4 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.942 min Scan# 348
Delta R.T. 0.213 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

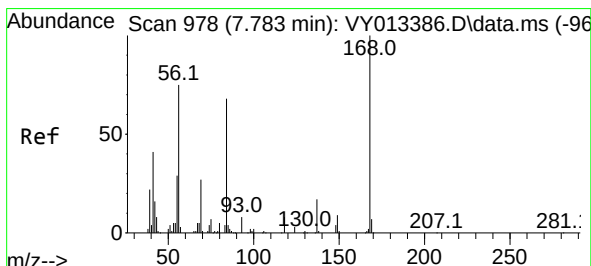
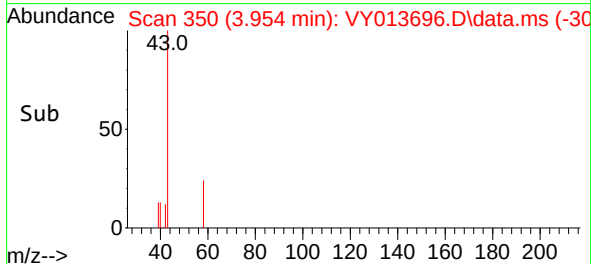
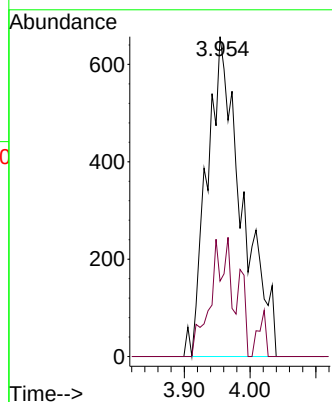
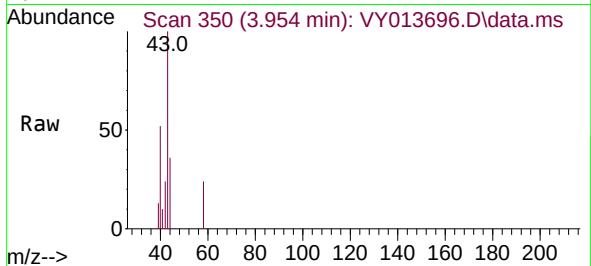




#16
Acetone
Concen: 3.029 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

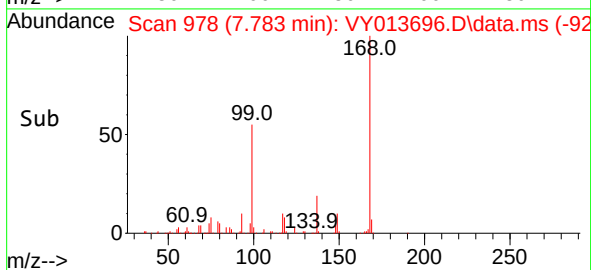
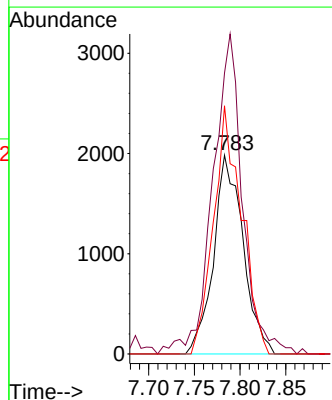
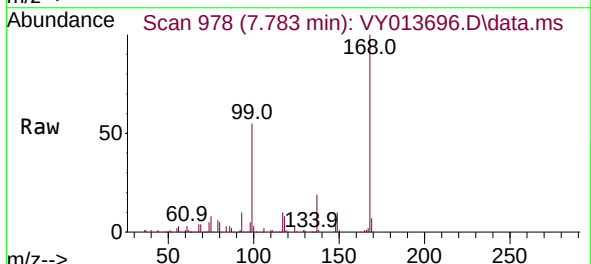
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_0-2_20230509

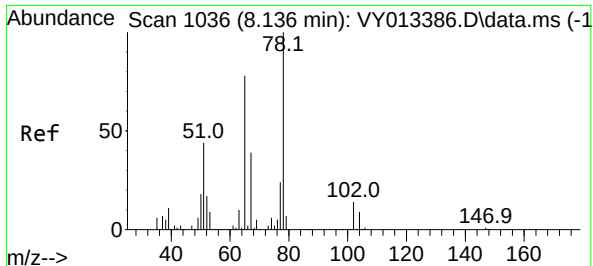
Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
58 23.6 25.4 38.0#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

Tgt Ion: 56 Resp: 4445
Ion Ratio Lower Upper
56 100
69 136.4 29.2 43.8#
84 124.9 73.0 109.6#





#33

1,2-Dichloroethane-d4

Concen: 65.393 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013696.D

Acq: 10 May 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

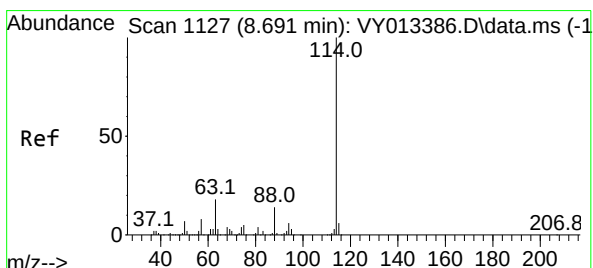
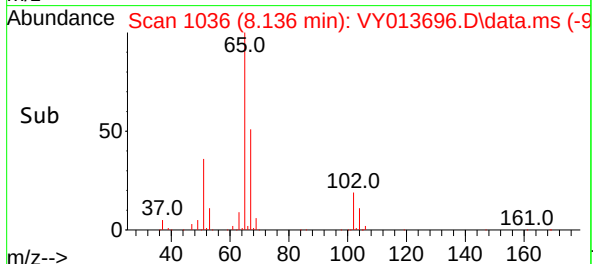
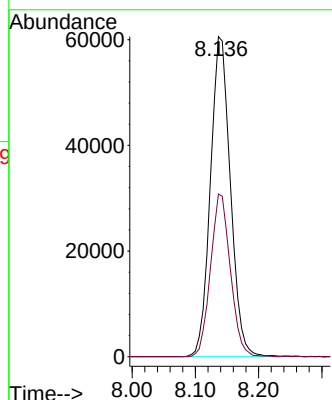
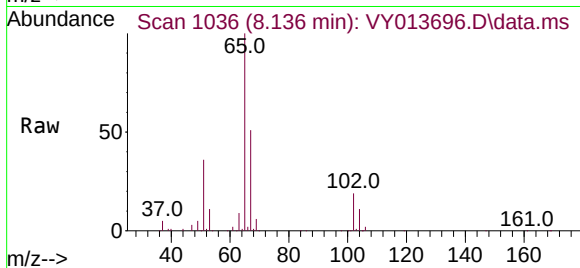
SB-02_0-2_20230509

Tgt Ion: 65 Resp: 133146

Ion Ratio Lower Upper

65 100

67 50.4 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: VY013696.D

Acq: 10 May 2023 18:27

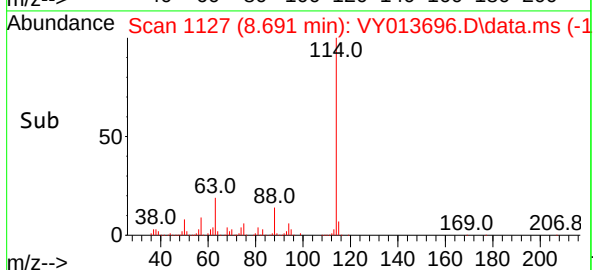
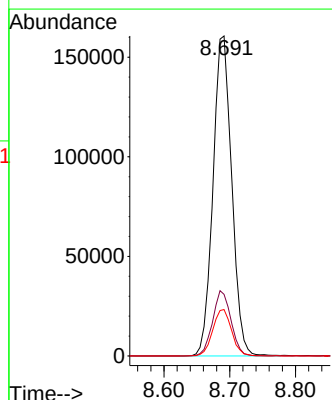
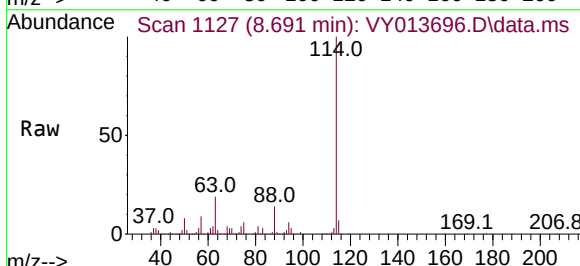
Tgt Ion: 114 Resp: 318498

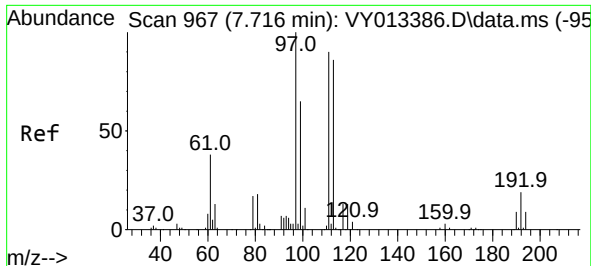
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

88 14.5 0.0 28.8

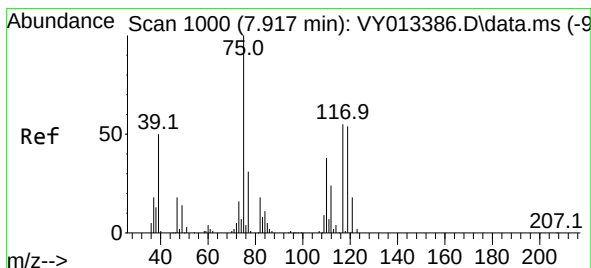
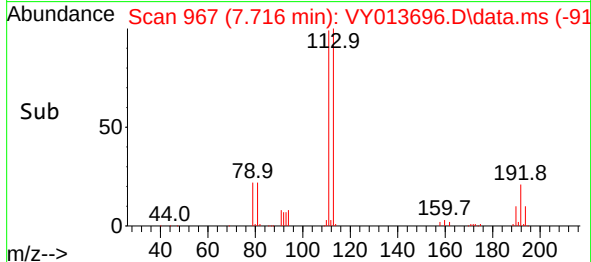
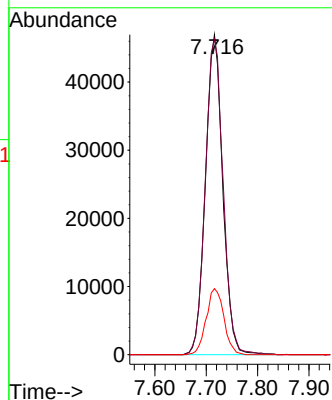
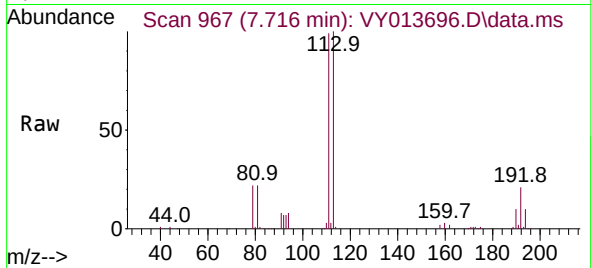




#35
Dibromofluoromethane
Concen: 54.764 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

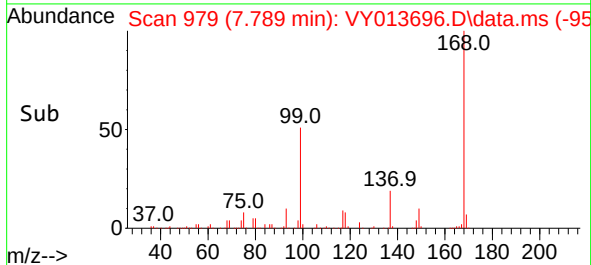
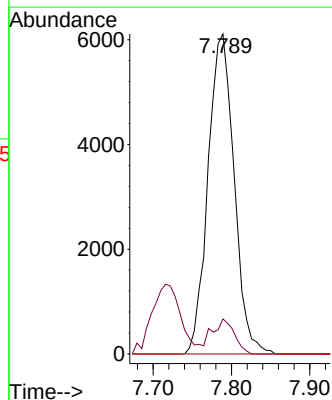
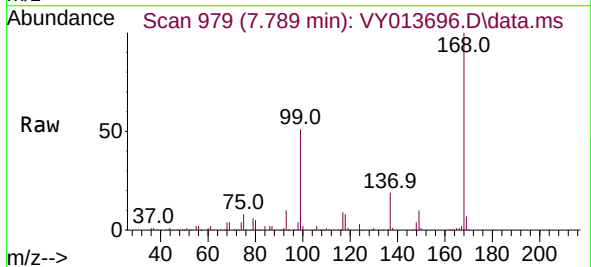
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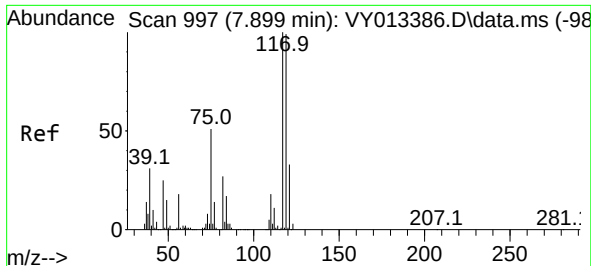
Tgt Ion:113 Resp: 109703
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.258 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

Tgt Ion: 75 Resp: 14156
Ion Ratio Lower Upper
75 100
110 9.2 18.7 56.1#
77 0.0 24.6 37.0#

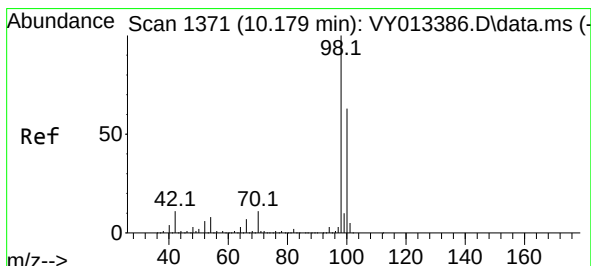
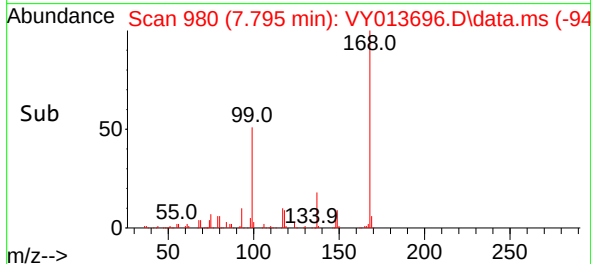
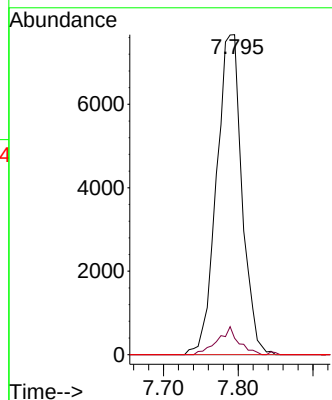
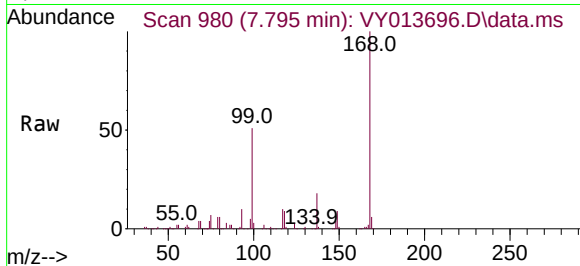




#38
Carbon Tetrachloride
Concen: 5.203 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

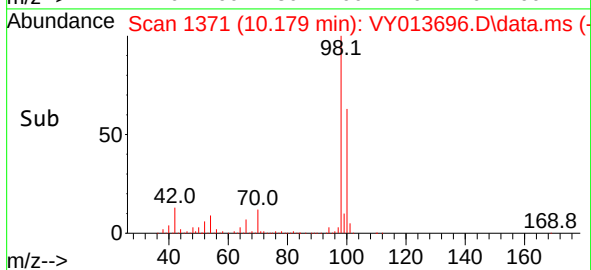
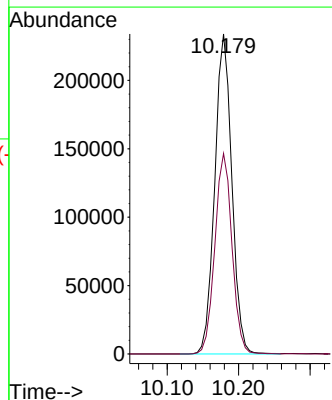
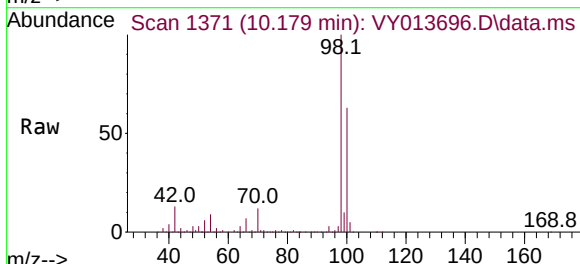
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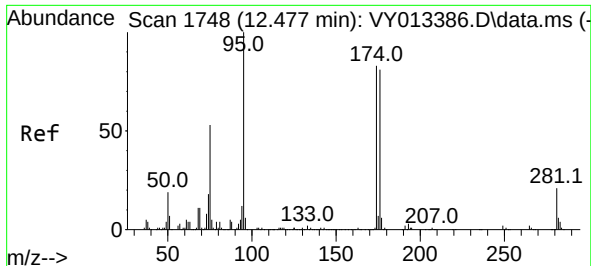
Tgt Ion:117 Resp: 18129
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.404 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

Tgt Ion: 98 Resp: 387694
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7

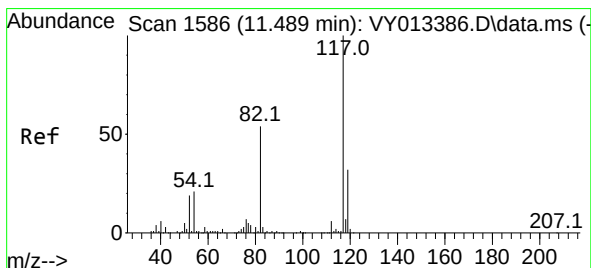
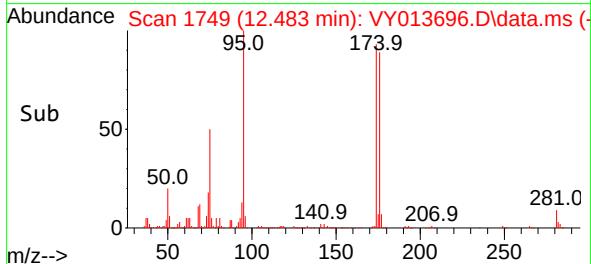
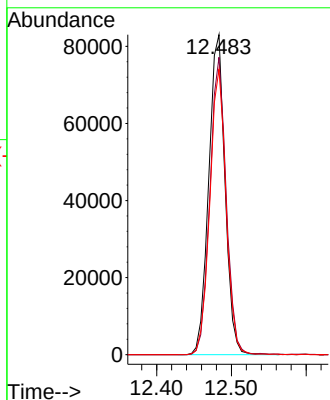
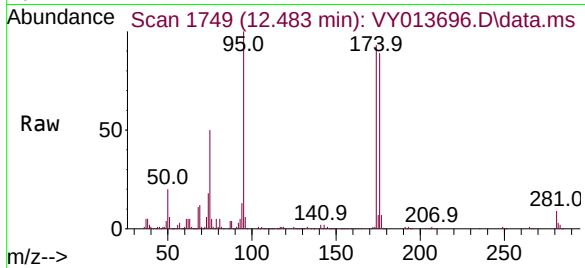




#62
4-Bromofluorobenzene
Concen: 52.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

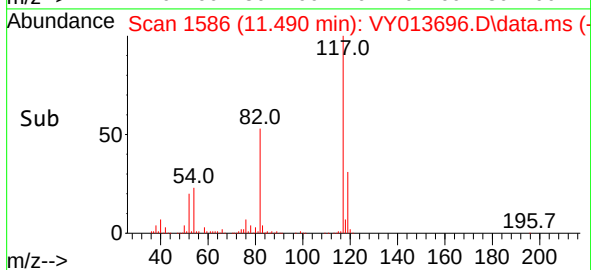
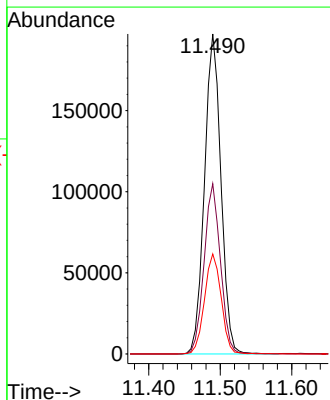
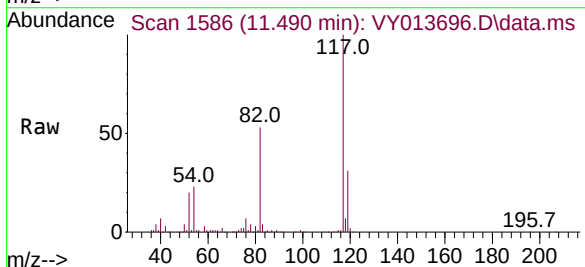
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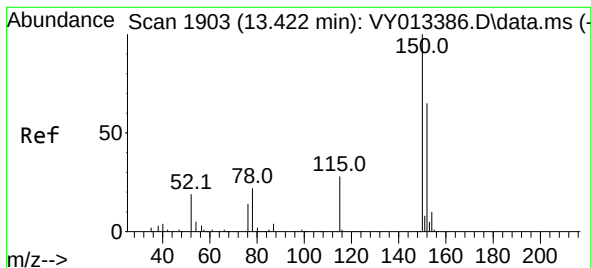
Tgt Ion: 95 Resp: 126218
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.0
176 89.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

Tgt Ion: 117 Resp: 315460
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.6
119 31.2 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: VY013696.D

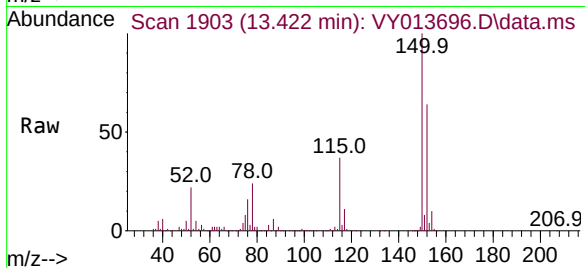
Acq: 10 May 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-02_0-2_20230509



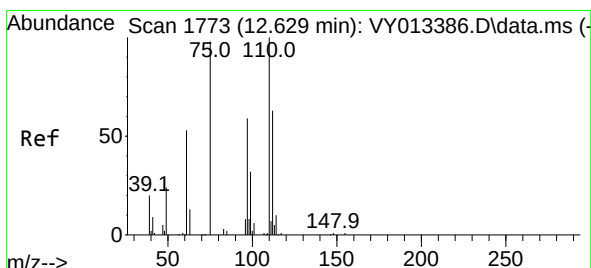
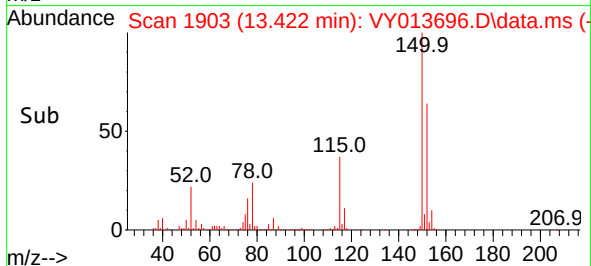
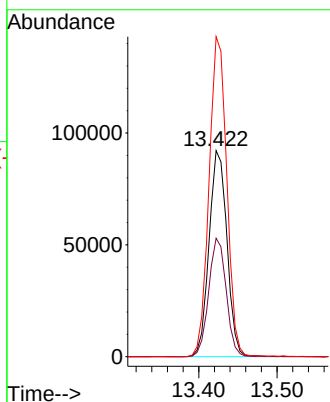
Tgt Ion:152 Resp: 146139

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 153.9 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 34.633 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY013696.D

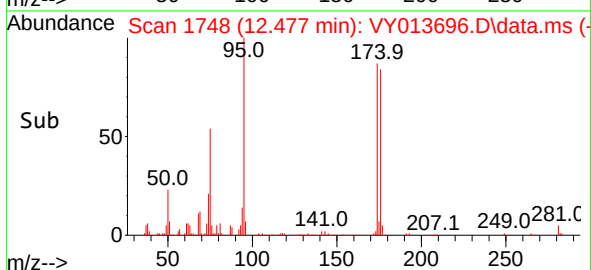
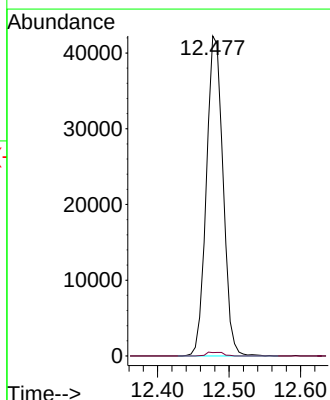
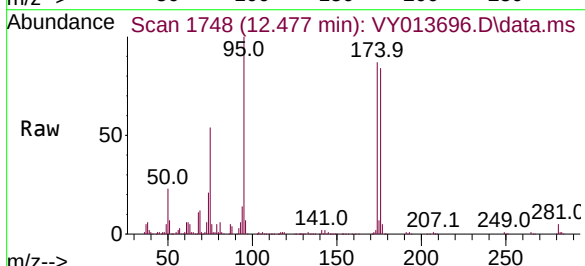
Acq: 10 May 2023 18:27

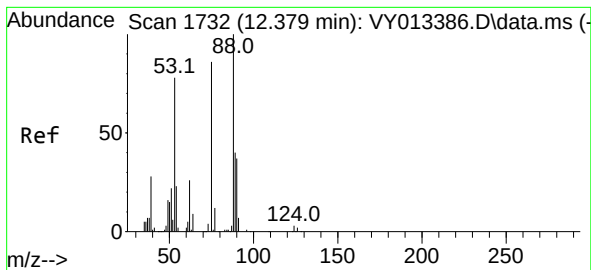
Tgt Ion: 75 Resp: 68256

Ion Ratio Lower Upper

75 100

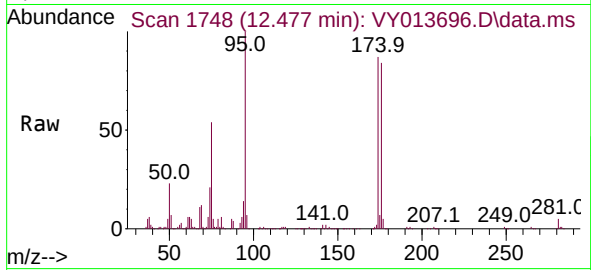
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.843 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013696.D
 Acq: 10 May 2023 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02_0-2_20230509



Tgt Ion: 75 Resp: 68256
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.3 38.0 57.0#

