

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013074.D
 Acq On : 24 Mar 2023 13:23
 Operator : KP/MD
 Sample : 02064-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-032323

Quant Time: Mar 25 03:32:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

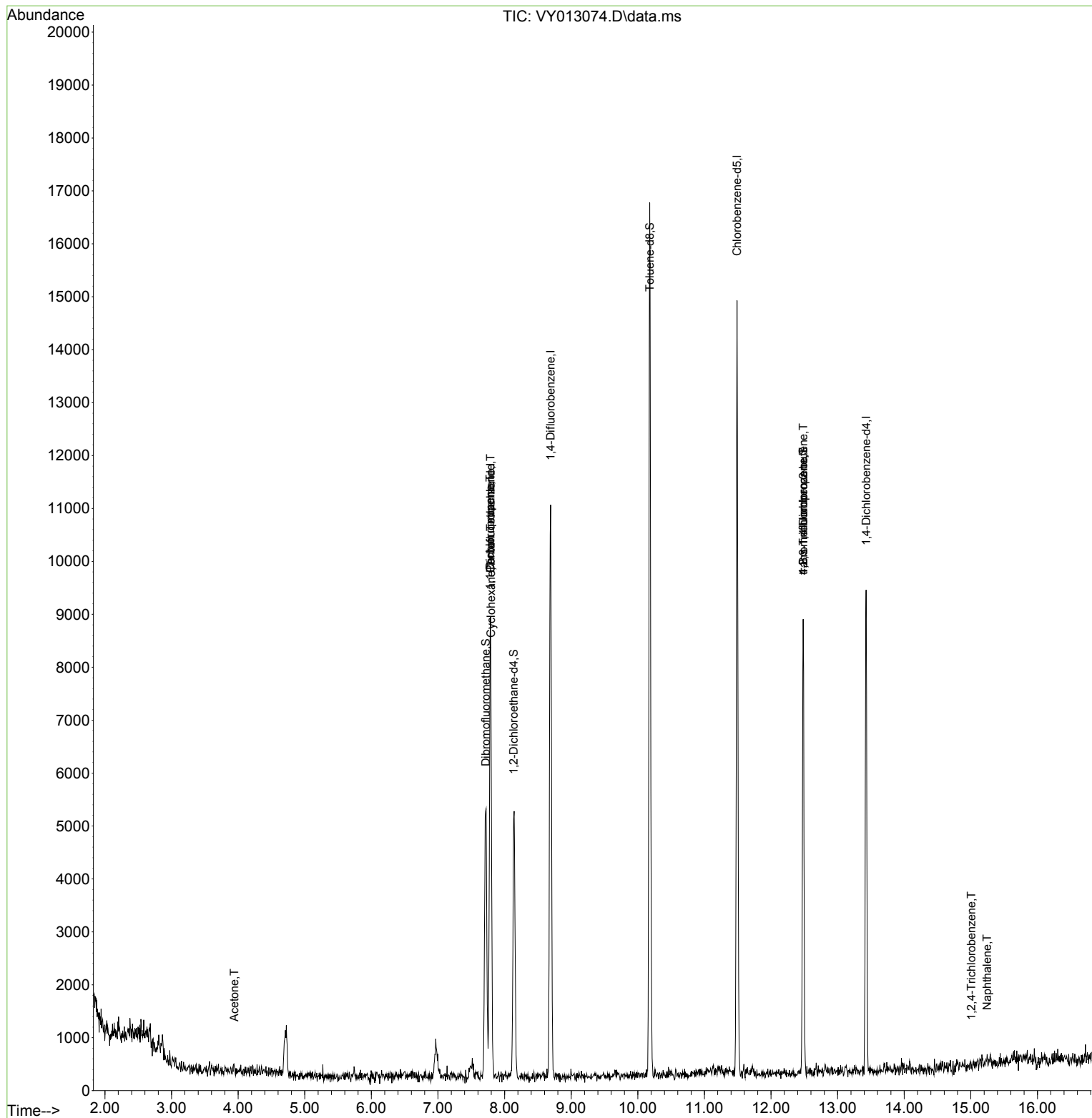
Internal Standards						
1) Pentafluorobenzene	7.789	168	6806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4051	59.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.900%	
35) Dibromofluoromethane	7.716	113	3749	64.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.680%	
50) Toluene-d8	10.179	98	11236	53.160	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	12.483	95	2839	39.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	126	4.750	ug/l #	44
31) Cyclohexane	7.795	56	170	1.314	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	509	5.254	ug/l #	41
38) Carbon Tetrachloride	7.789	117	577	5.767	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1570	50.781	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1570	105.221	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.007	180	52	1.087	ug/l #	13
95) Naphthalene	15.245	128	212	2.211	ug/l #	69

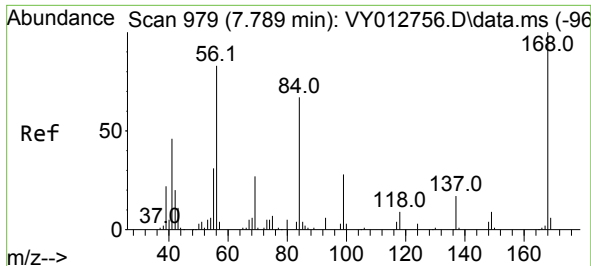
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

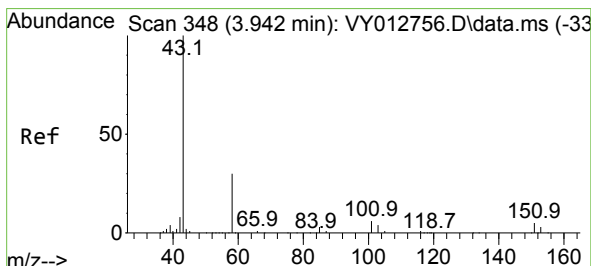
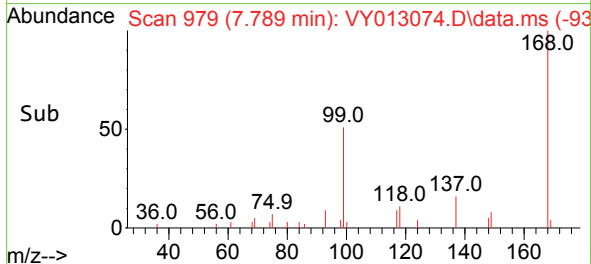
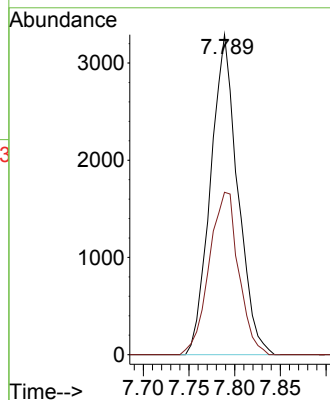
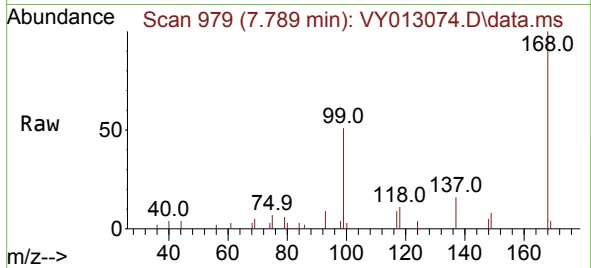




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

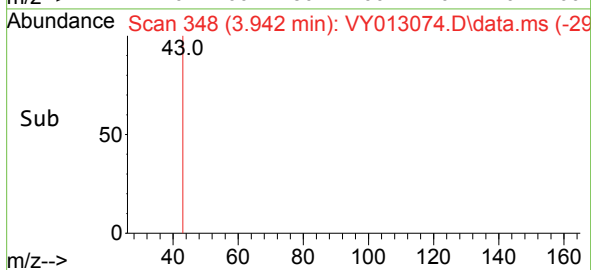
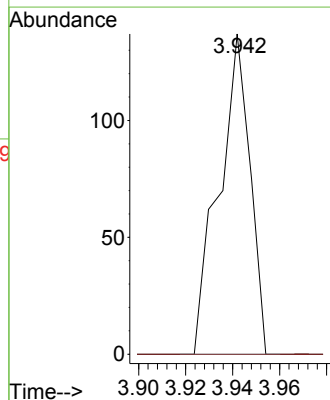
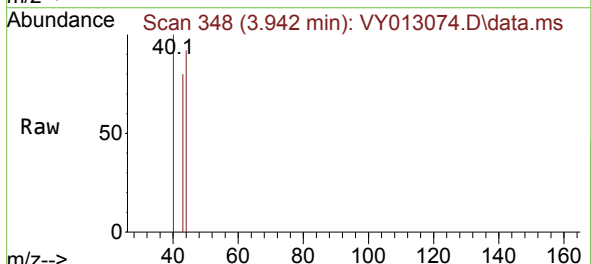
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-032323

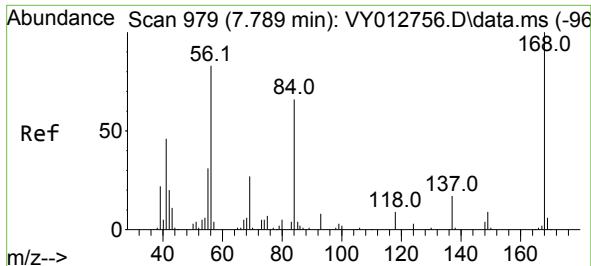
Tgt Ion:168 Resp: 6806
Ion Ratio Lower Upper
168 100
99 50.8 41.7 62.5



#16
Acetone
Concen: 4.750 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#

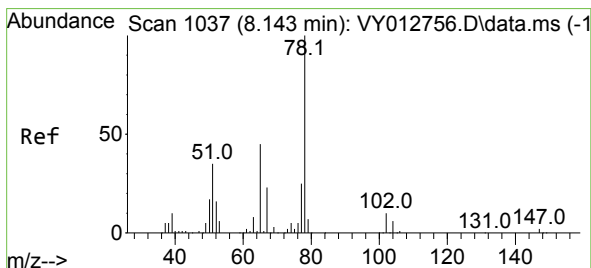
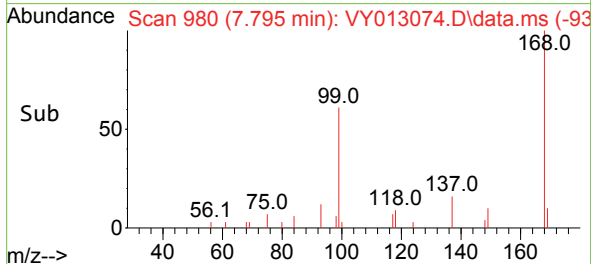
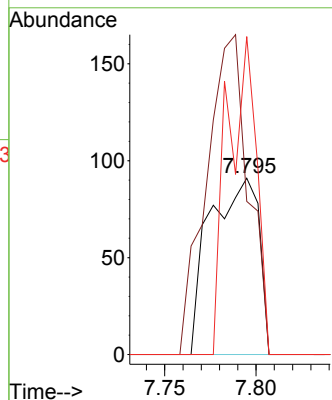
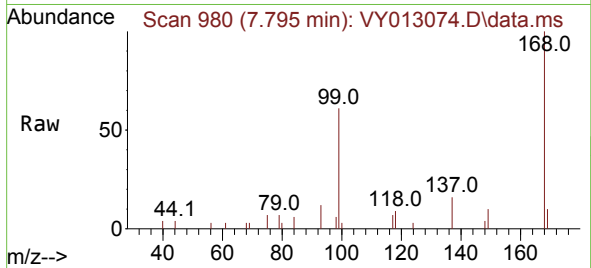




#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

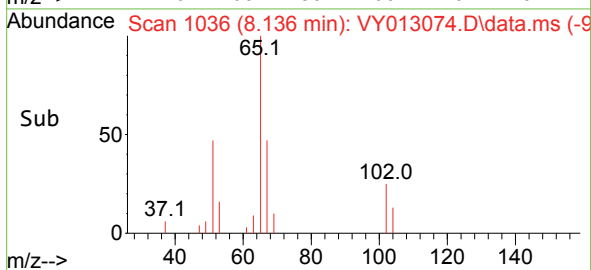
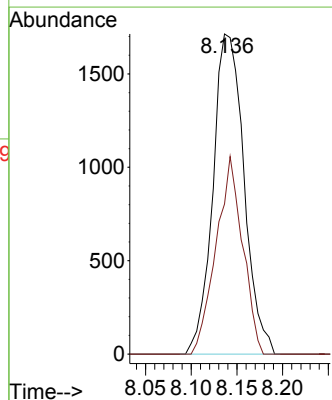
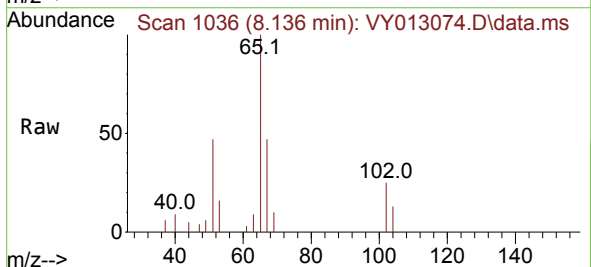
Instrument :
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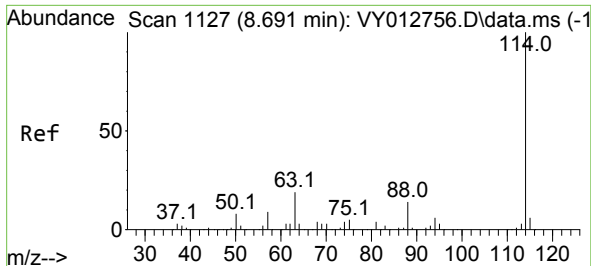
Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
69 86.8 25.7 38.5#
84 180.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 59.948 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Tgt Ion: 65 Resp: 4051
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0

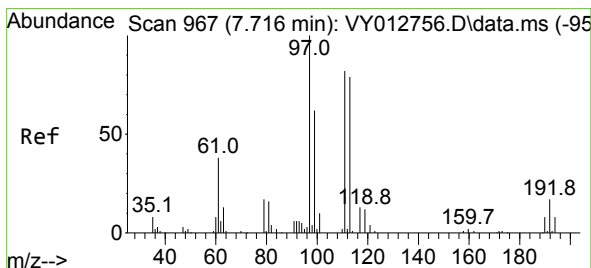
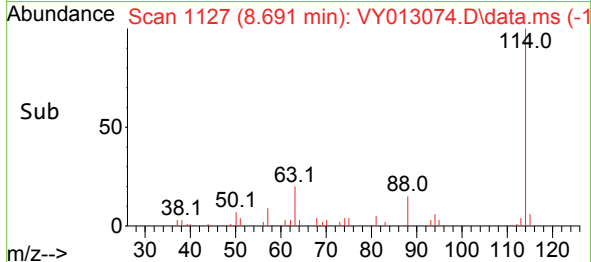
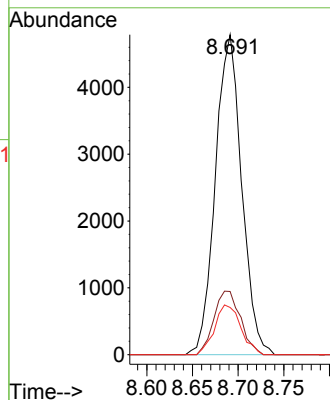
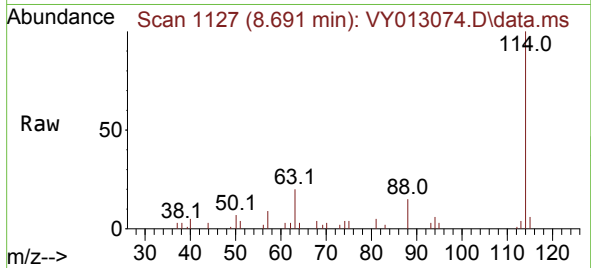




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

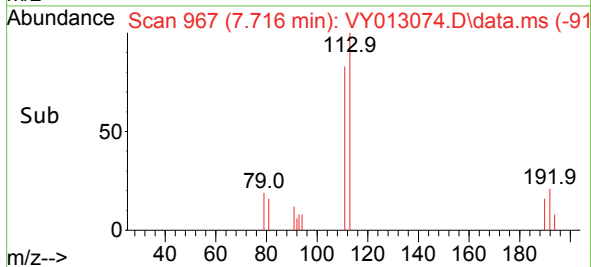
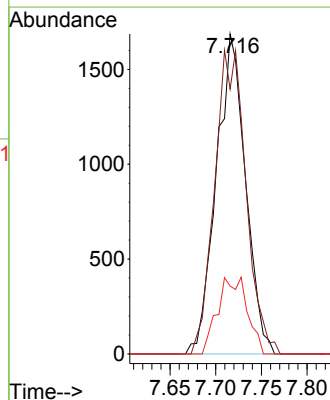
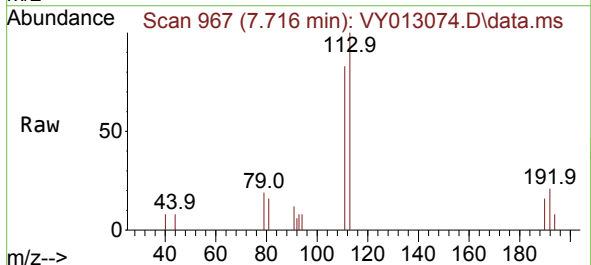
Instrument :
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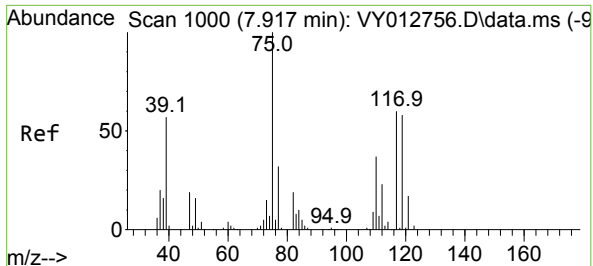
Tgt Ion:114 Resp: 9580
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 64.845 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Tgt Ion:113 Resp: 3749
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 24.2 16.8 25.2

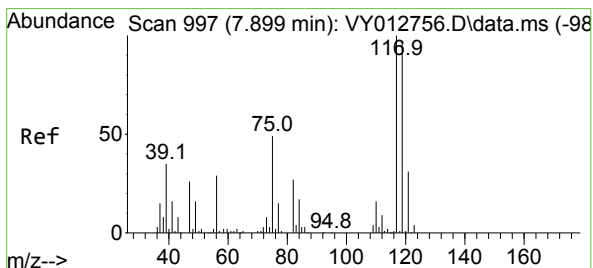
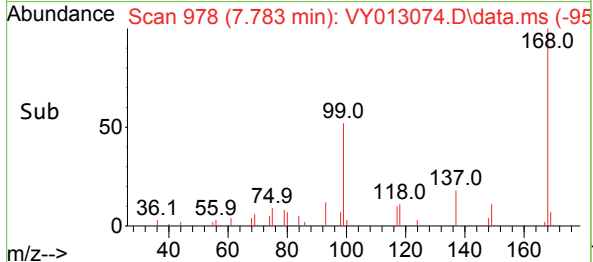
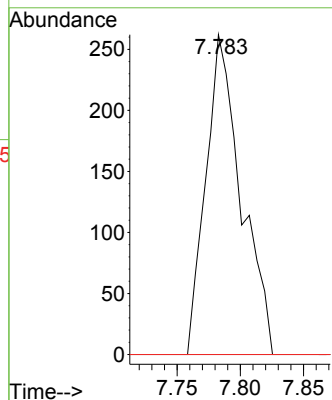
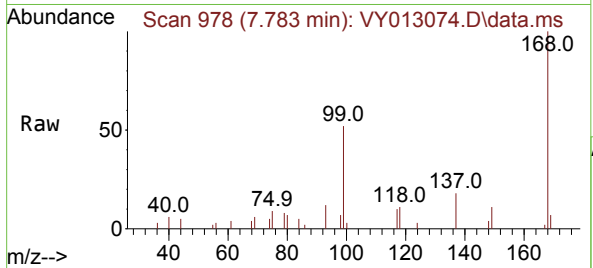




#36
 1,1-Dichloropropene
 Concen: 5.254 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY013074.D
 Acq: 24 Mar 2023 13:23

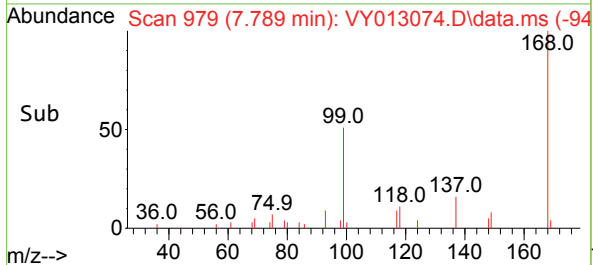
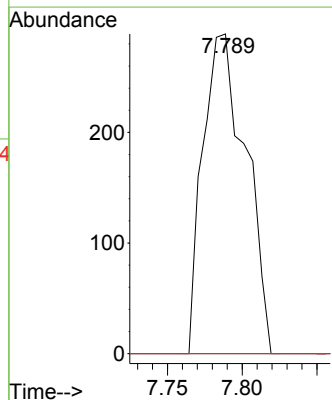
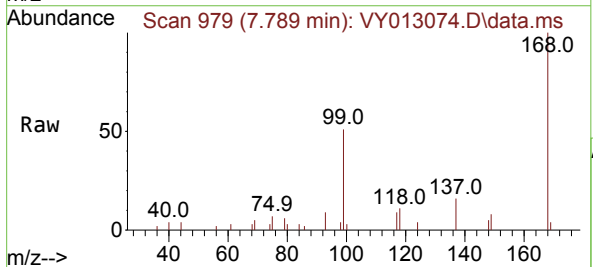
Instrument :
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 ClientSampleId :
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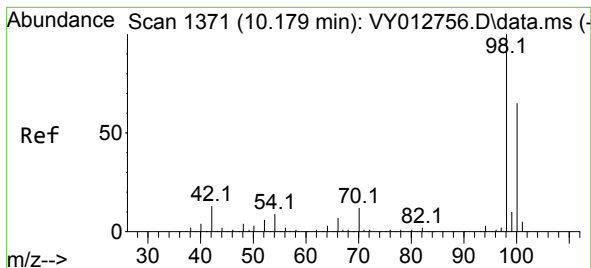
Tgt Ion: 75 Resp: 509
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.767 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY013074.D
 Acq: 24 Mar 2023 13:23

Tgt Ion: 117 Resp: 577
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.2 115.8#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.160 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013074.D

Acq: 24 Mar 2023 13:23

Instrument :

MSVOA_Y

ClientSampleId :

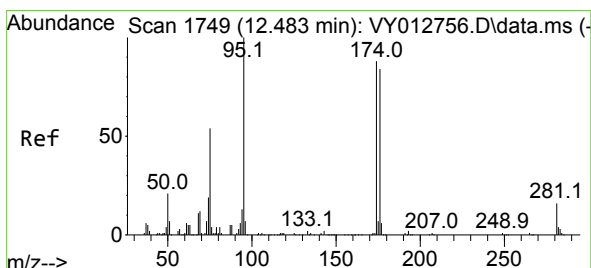
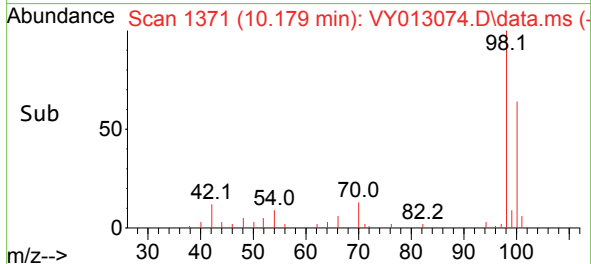
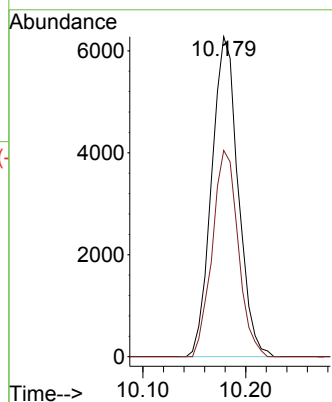
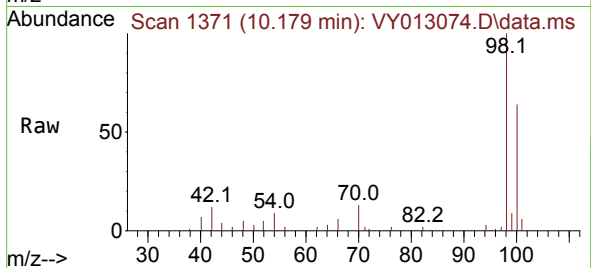
BU-03-032323

Tgt Ion: 98 Resp: 11236

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 39.796 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013074.D

Acq: 24 Mar 2023 13:23

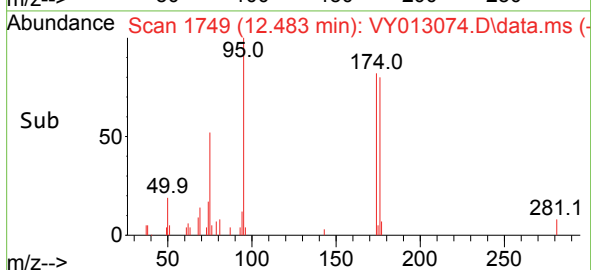
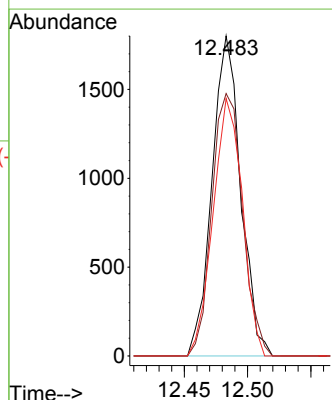
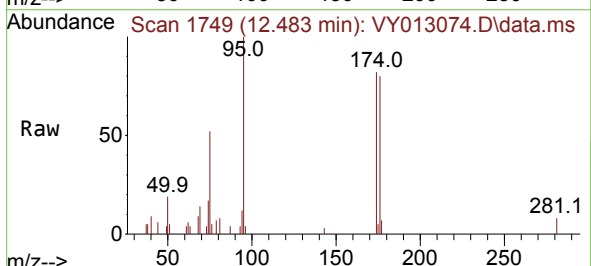
Tgt Ion: 95 Resp: 2839

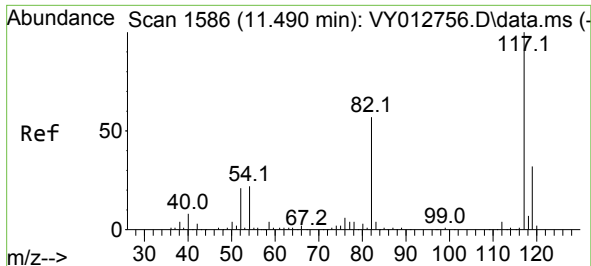
Ion Ratio Lower Upper

95 100

174 87.7 0.0 176.6

176 82.1 0.0 170.2

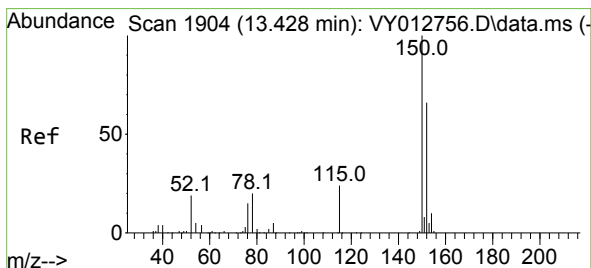
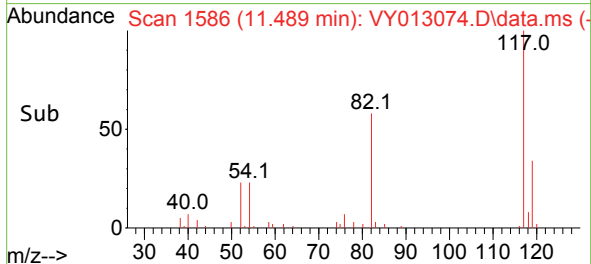
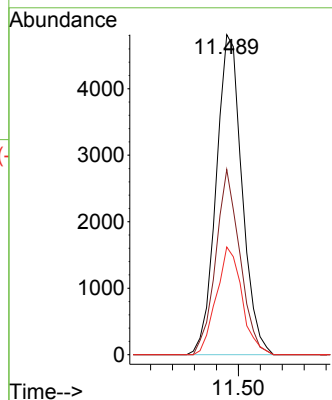
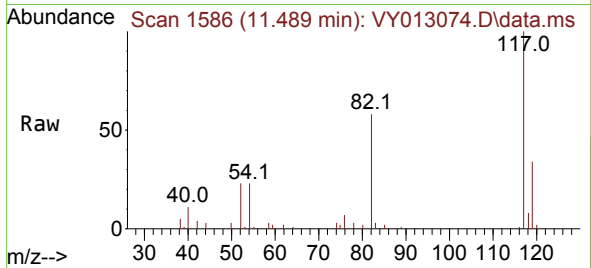




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

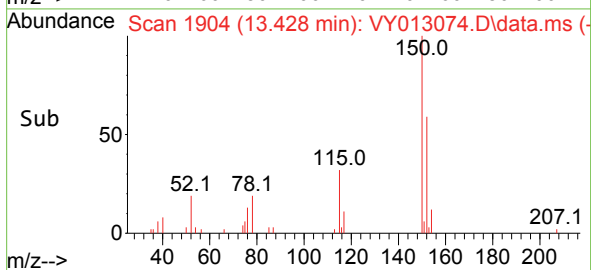
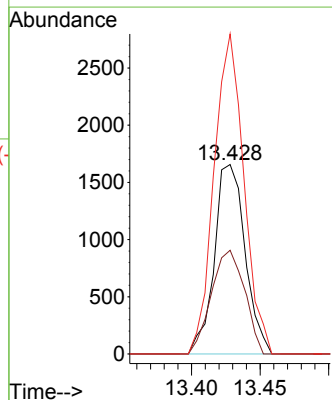
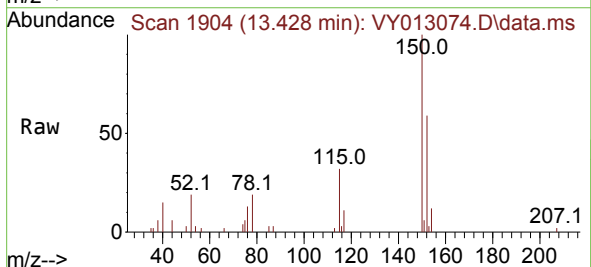
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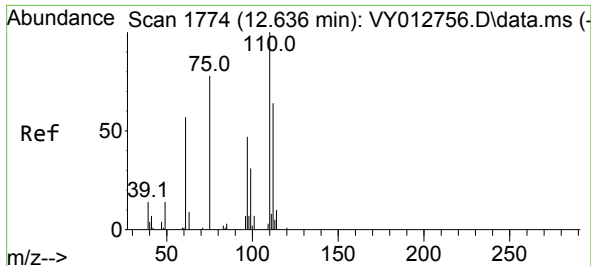
Tgt Ion:117 Resp: 7878
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 33.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Tgt Ion:152 Resp: 2589
Ion Ratio Lower Upper
152 100
115 59.1 27.1 81.3
150 163.5 0.0 347.8

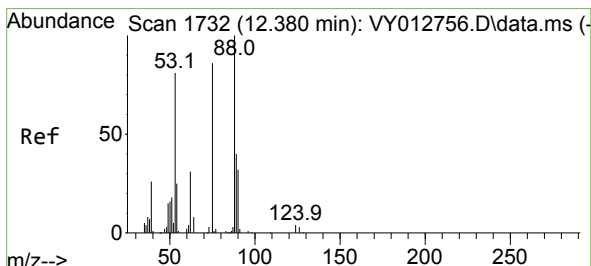
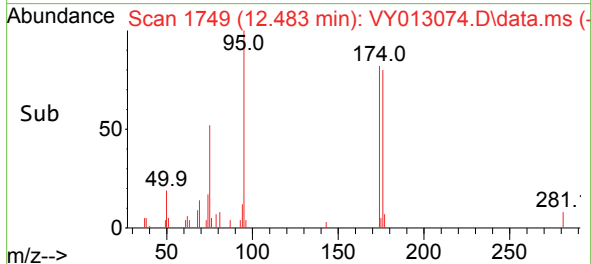
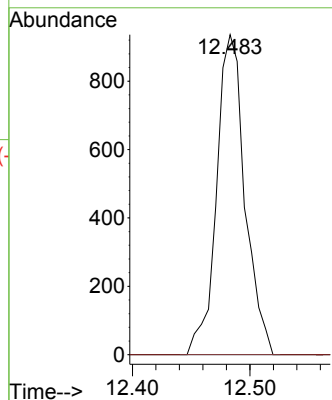
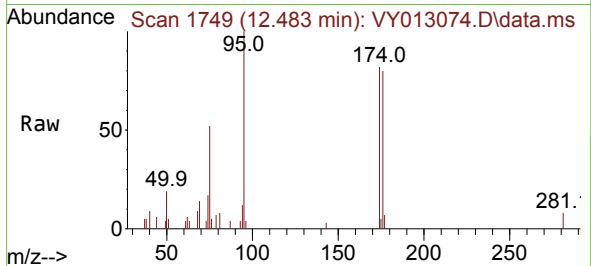




#76
1,2,3-Trichloropropane
Concen: 50.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

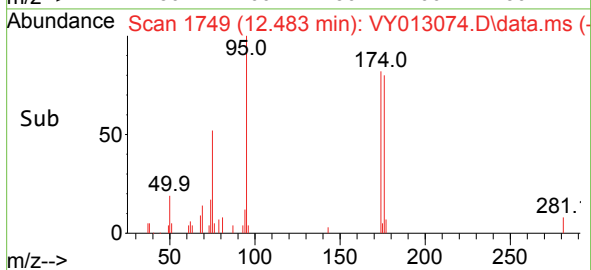
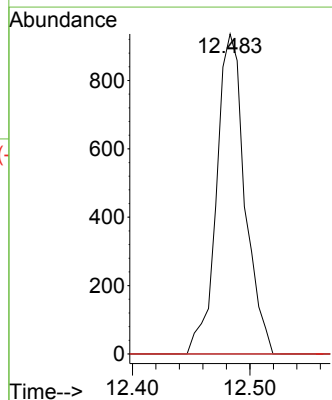
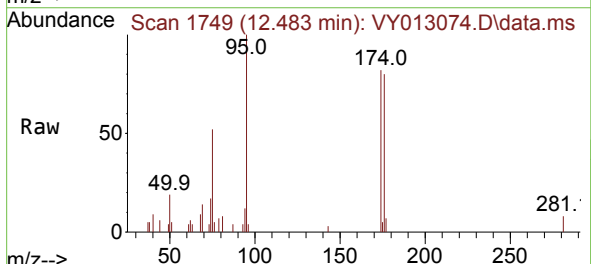
Instrument :
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BU-03-032323

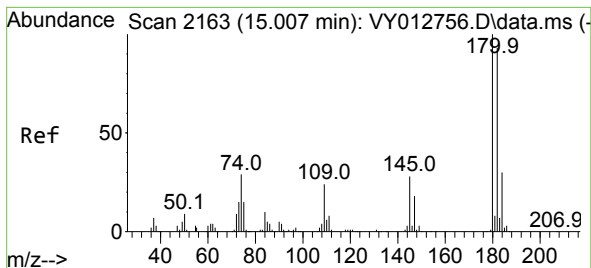
Tgt Ion: 75 Resp: 1570
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 105.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY013074.D
Acq: 24 Mar 2023 13:23

Tgt Ion: 75 Resp: 1570
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#





#93

1,2,4-Trichlorobenzene

Concen: 1.087 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013074.D

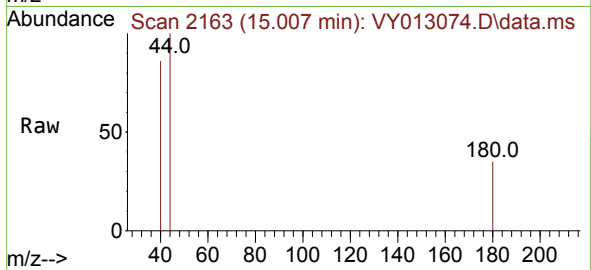
Acq: 24 Mar 2023 13:23

Instrument :

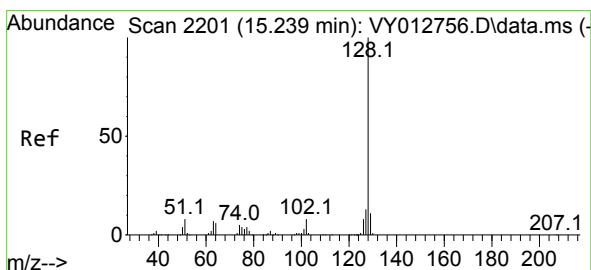
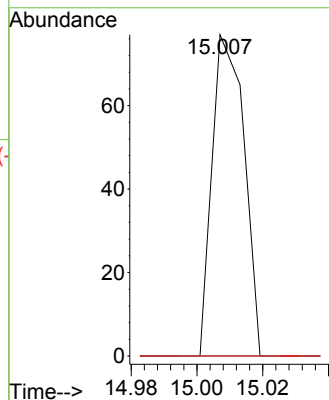
MSVOA_Y

ClientSampleId :

BU-03-032323



Tgt Ion:180	Resp:	52
Ion Ratio	Lower	Upper
180	100	
182	0.0	46.7 140.1#
145	0.0	14.6 43.8#



#95

Naphthalene

Concen: 2.211 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY013074.D

Acq: 24 Mar 2023 13:23

Tgt Ion:128	Resp:	212
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.3 15.5#
129	0.0	8.6 13.0#

