

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013080.D
 Acq On : 24 Mar 2023 15:48
 Operator : KP/MD
 Sample : 02064-01RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-032323

Quant Time: Mar 25 03:35:07 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)

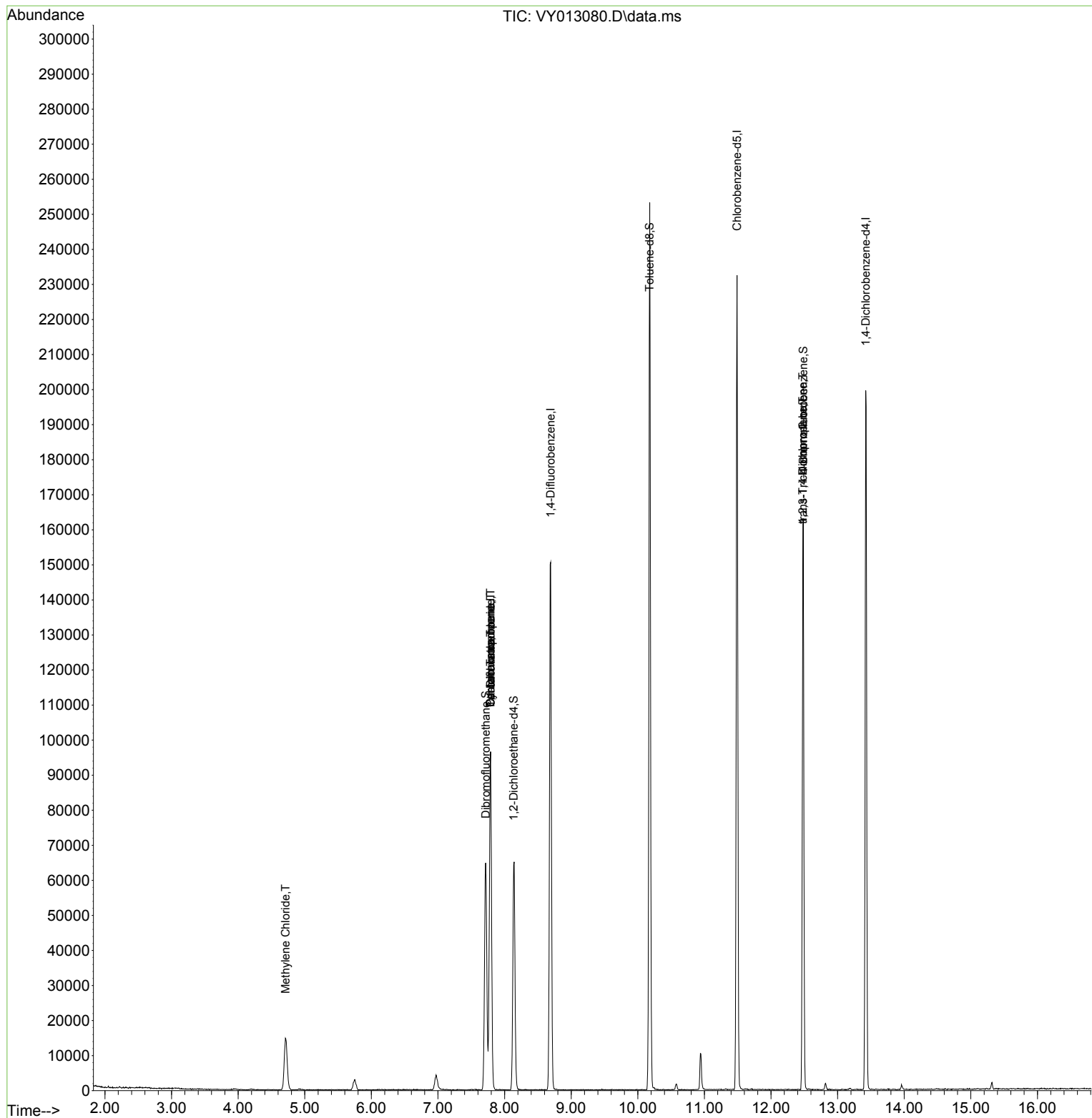
Internal Standards						
1) Pentafluorobenzene	7.789	168	75697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50361	67.007	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.020%			
35) Dibromofluoromethane	7.716	113	46049	59.483	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.960%			
50) Toluene-d8	10.179	98	156902	55.439	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.880%			
62) 4-Bromofluorobenzene	12.483	95	46401	48.575	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.140%			
Target Compounds						
11) Tert butyl alcohol	4.936	59	244	Below Cal	#	74
20) Methylene Chloride	4.710	84	10967	7.630	ug/l	95
31) Cyclohexane	7.789	56	1721	1.196	ug/l	# 10
36) 1,1-Dichloropropene	7.789	75	5626	4.337	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	7613	5.683	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	24265	38.170	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	24265	79.089	ug/l	# 13

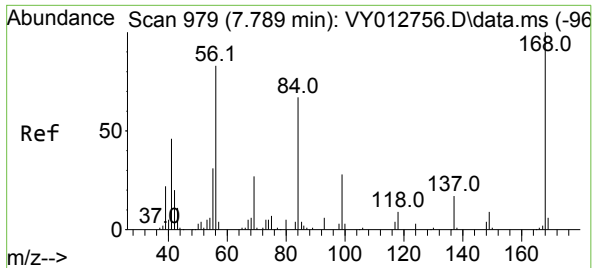
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
BU-03-032323

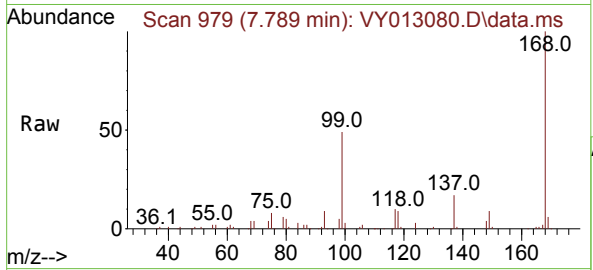
Quant Time: Mar 25 03:35:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



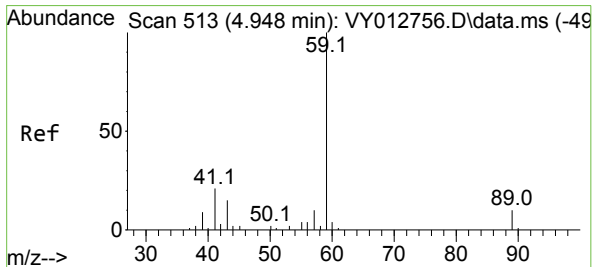
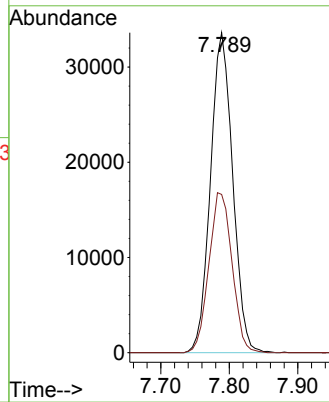
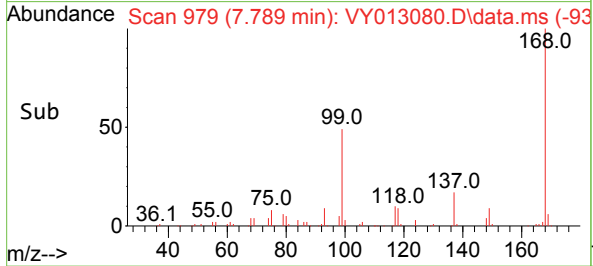


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-032323

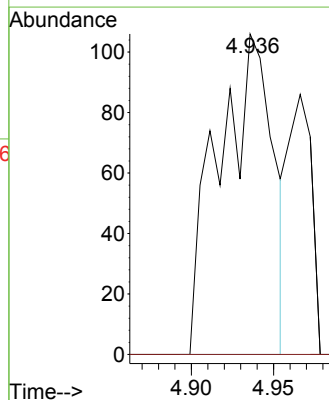
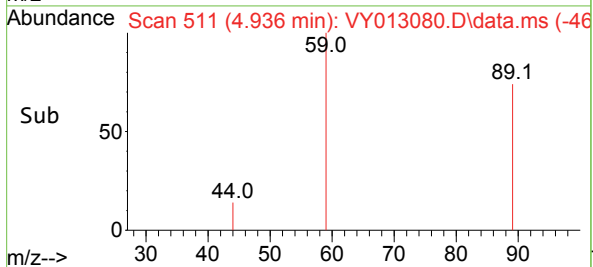
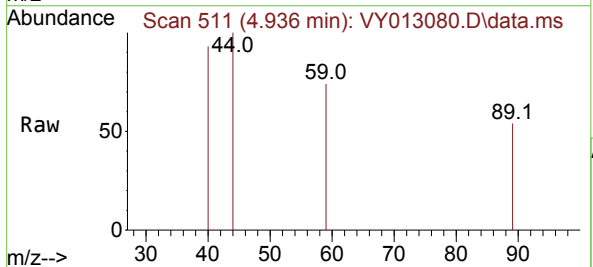


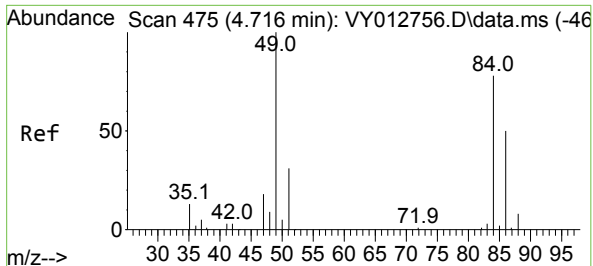
Tgt Ion:168 Resp: 75697
Ion Ratio Lower Upper
168 100
99 49.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

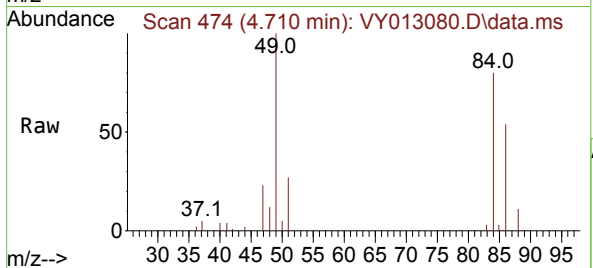
Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





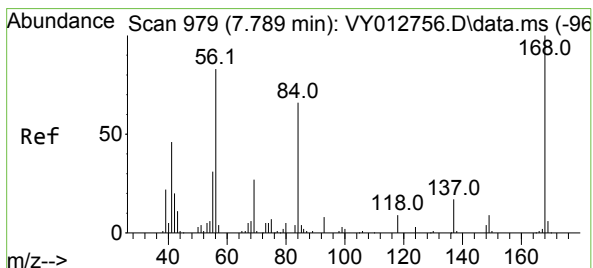
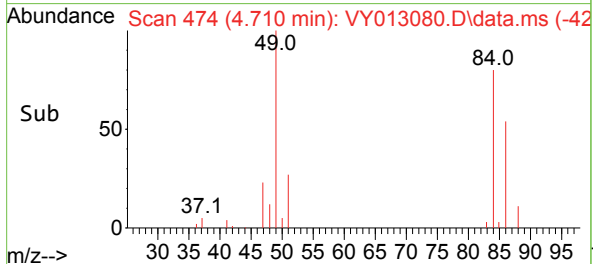
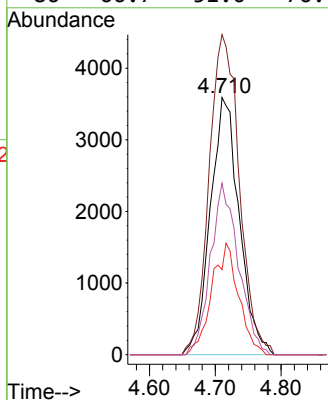
#20
Methylene Chloride
Concen: 7.630 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-032323



Tgt Ion: 84 Resp: 10967

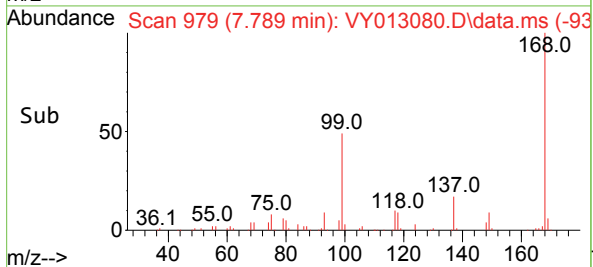
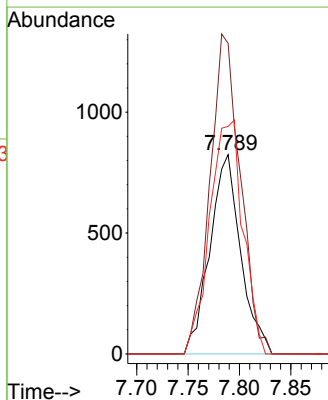
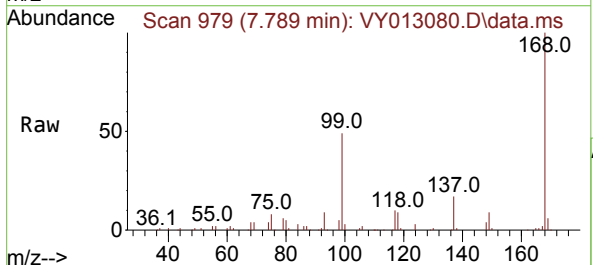
Ion	Ratio	Lower	Upper
84	100		
49	124.5	102.6	154.0
51	33.1	31.9	47.9
86	66.7	51.0	76.6

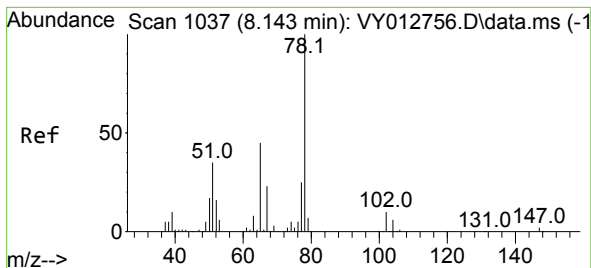


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Tgt Ion: 56 Resp: 1721

Ion	Ratio	Lower	Upper
56	100		
69	155.8	25.7	38.5#
84	114.1	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 67.007 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY013080.D

Acq: 24 Mar 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

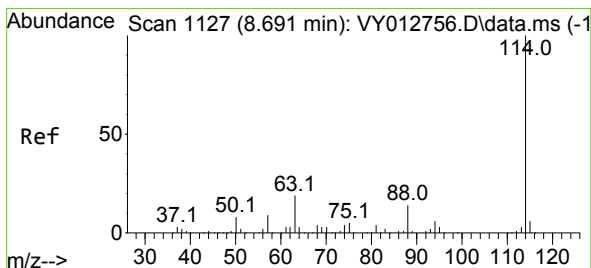
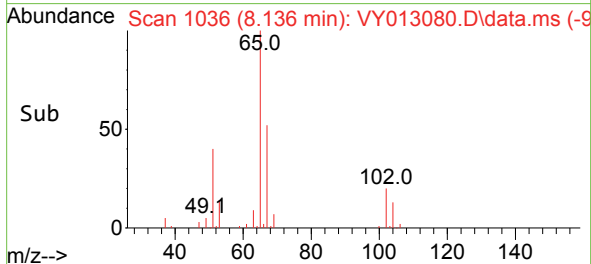
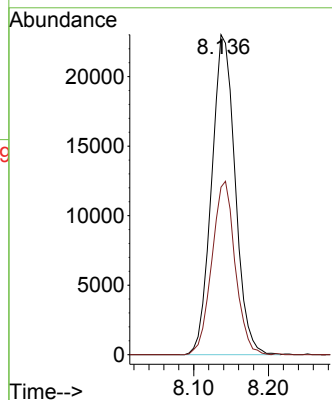
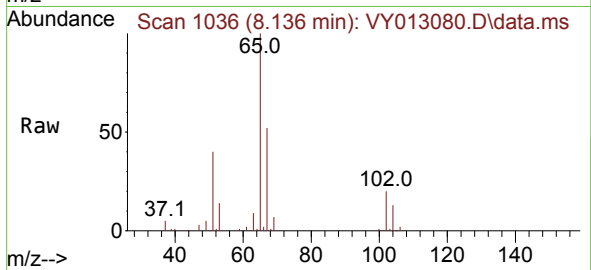
BU-03-032323

Tgt Ion: 65 Resp: 50361

Ion Ratio Lower Upper

65 100

67 53.7 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: VY013080.D

Acq: 24 Mar 2023 15:48

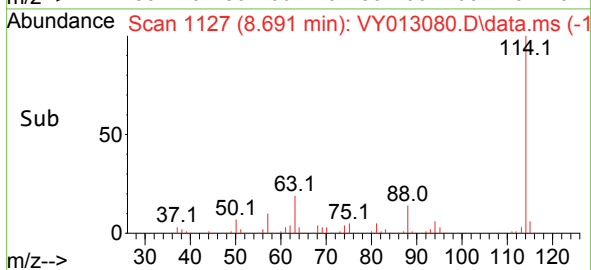
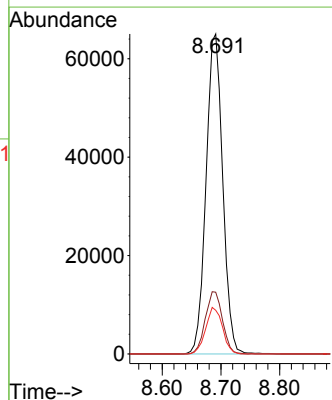
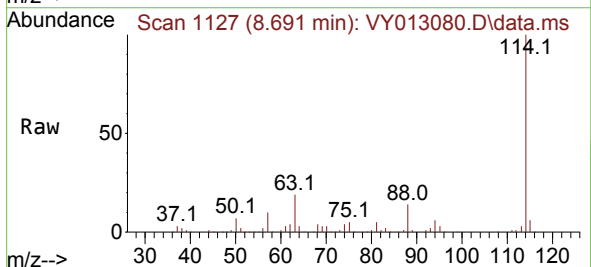
Tgt Ion: 114 Resp: 128278

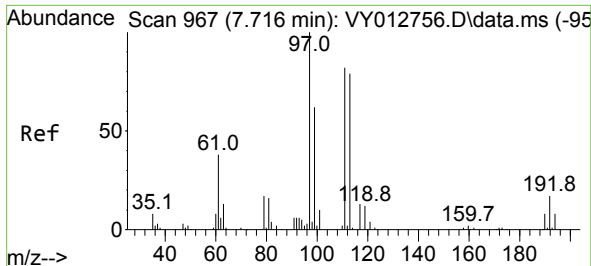
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 13.6 0.0 28.6

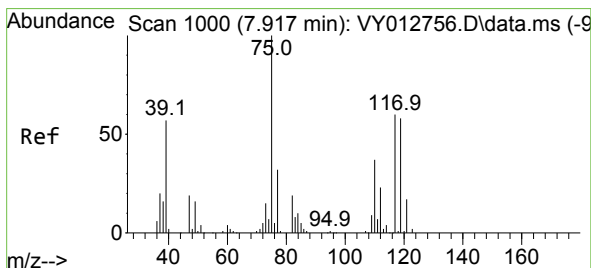
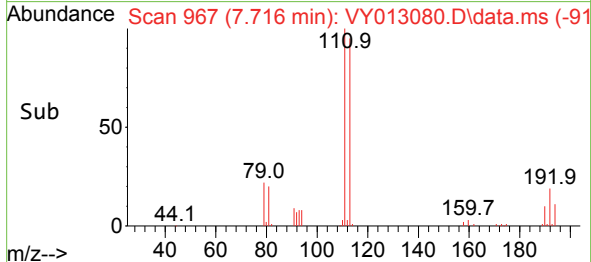
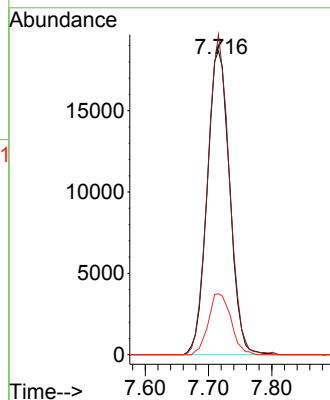
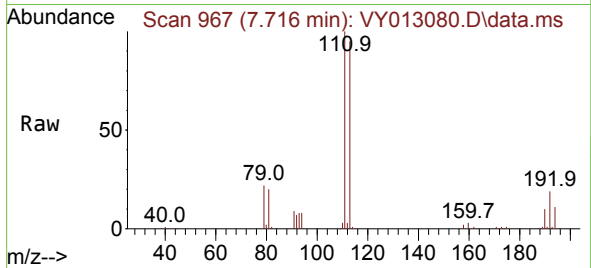




#35
Dibromofluoromethane
Concen: 59.483 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

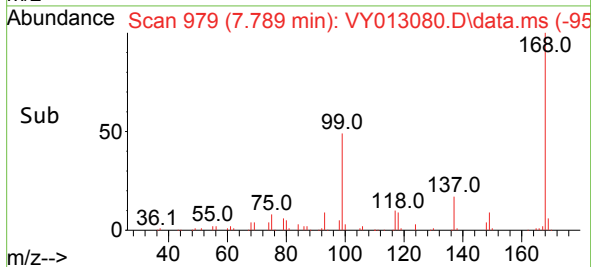
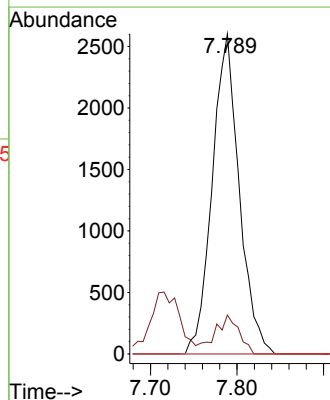
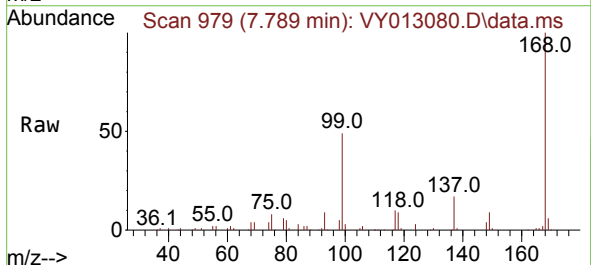
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-032323

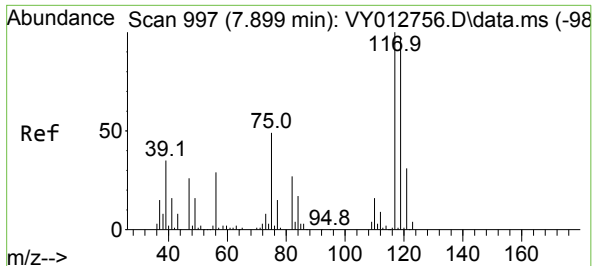
Tgt Ion:113 Resp: 46049
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.337 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

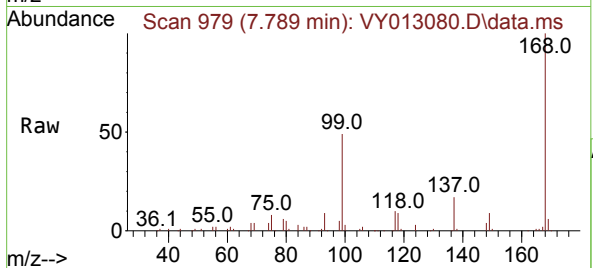
Tgt Ion: 75 Resp: 5626
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.3#
77 0.0 25.0 37.4#



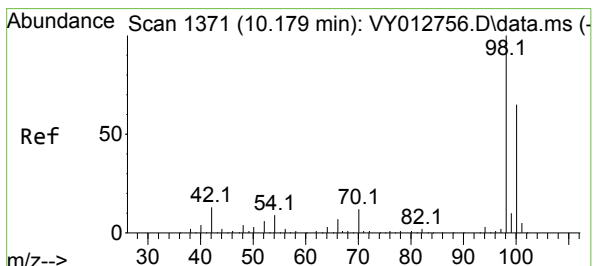
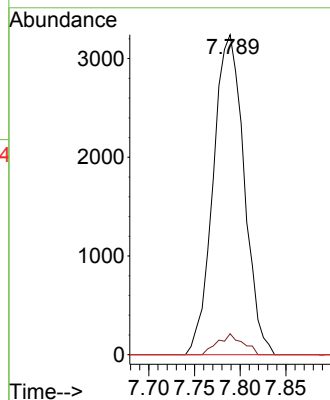
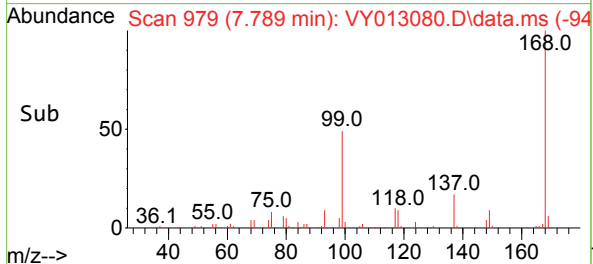


#38
Carbon Tetrachloride
Concen: 5.683 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-032323

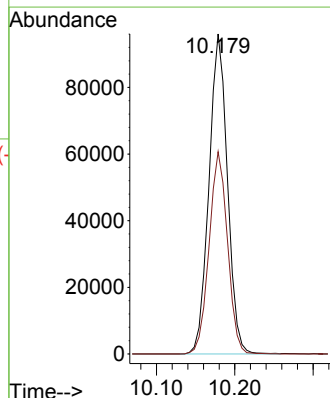
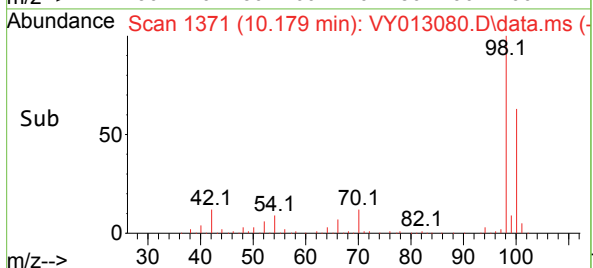
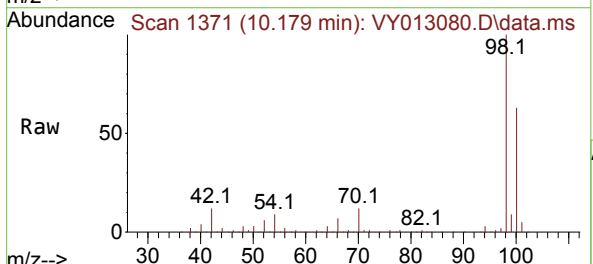


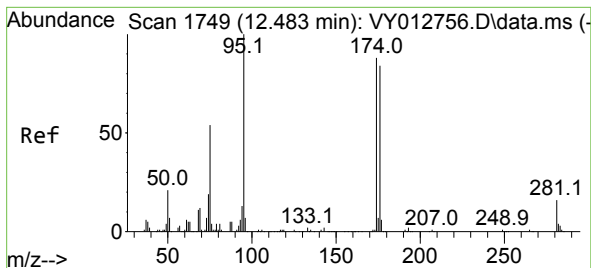
Tgt Ion:117 Resp: 7613
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.439 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Tgt Ion: 98 Resp: 156902
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

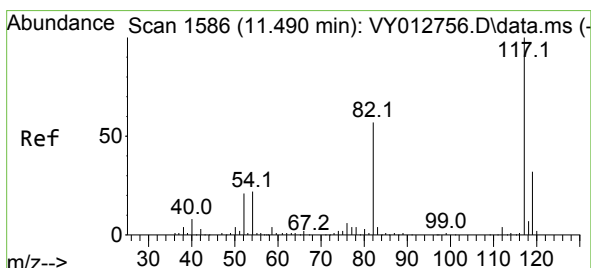
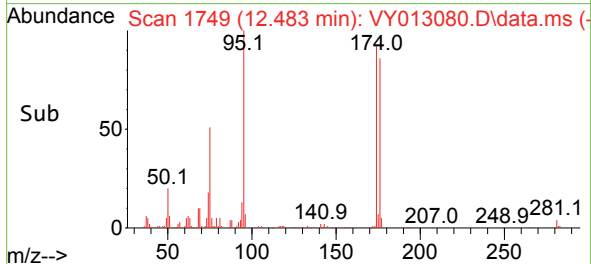
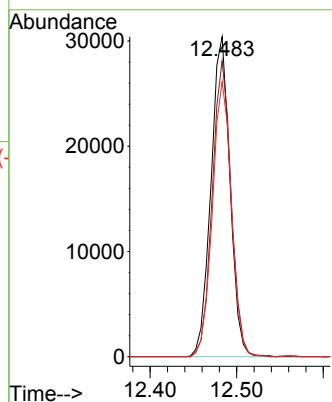
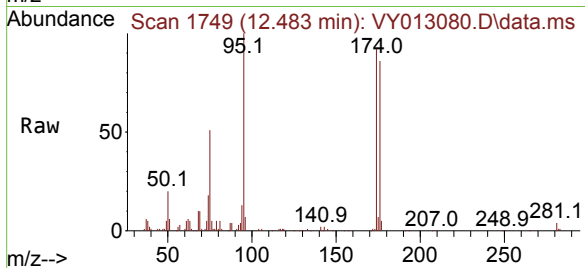




#62
4-Bromofluorobenzene
Concen: 48.575 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

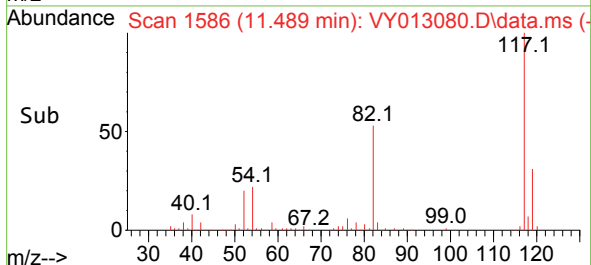
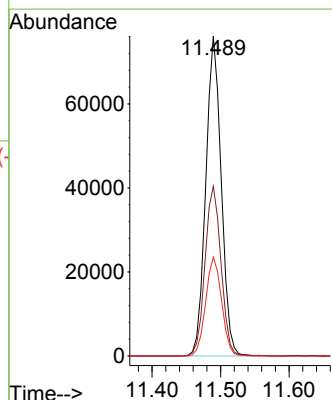
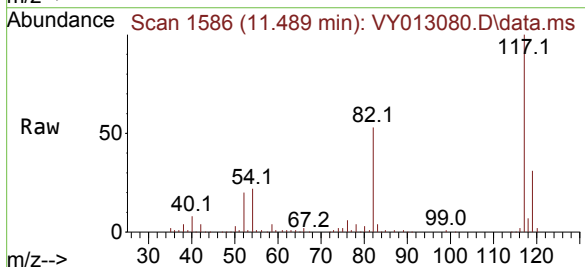
Instrument :
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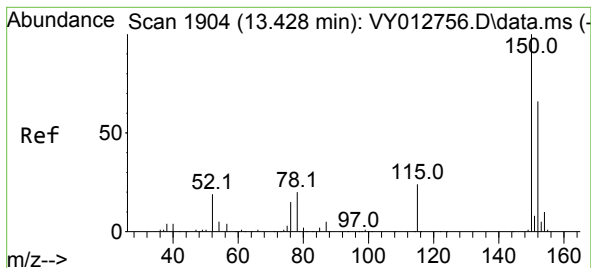
Tgt Ion: 95 Resp: 46401
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.6
176 86.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013080.D
Acq: 24 Mar 2023 15:48

Tgt Ion: 117 Resp: 119484
Ion Ratio Lower Upper
117 100
82 53.0 45.4 68.0
119 30.9 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY013080.D

Acq: 24 Mar 2023 15:48

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-032323

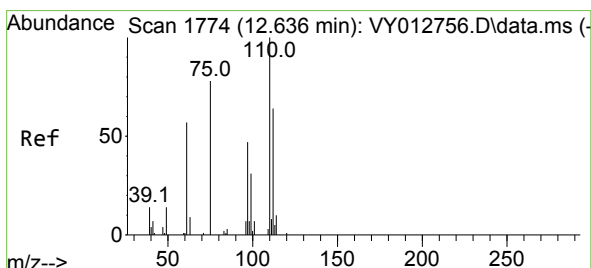
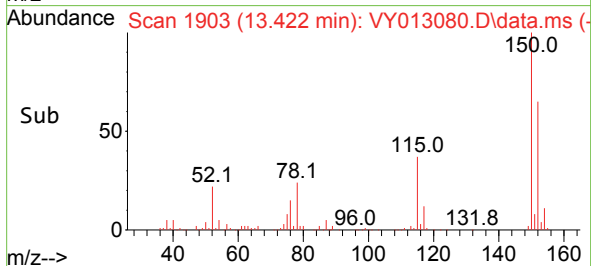
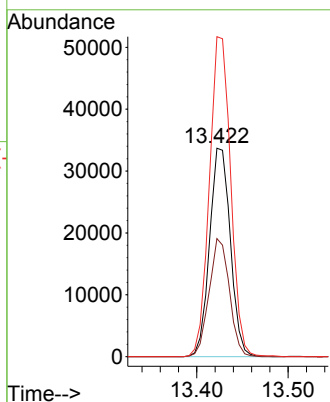
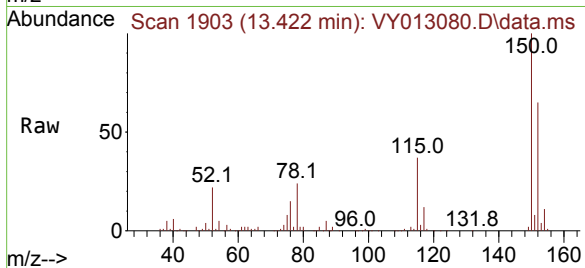
Tgt Ion:152 Resp: 53235

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 156.8 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 38.170 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY013080.D

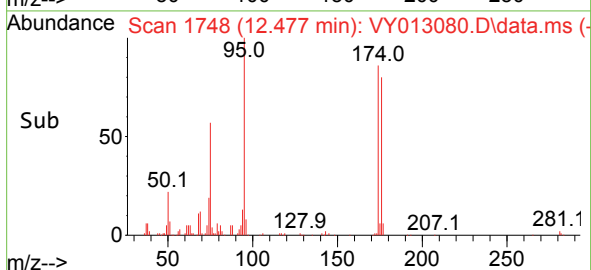
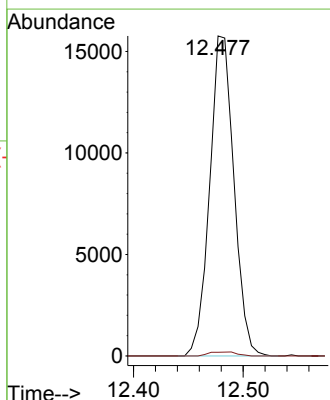
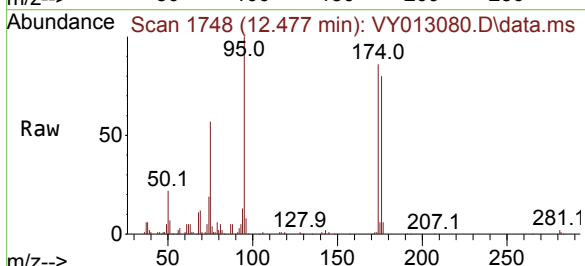
Acq: 24 Mar 2023 15:48

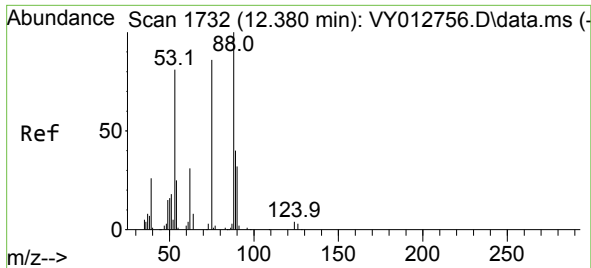
Tgt Ion: 75 Resp: 24265

Ion Ratio Lower Upper

75 100

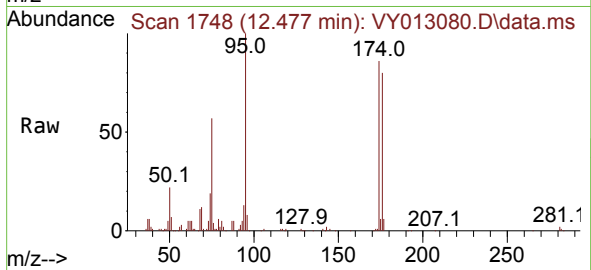
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.089 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY013080.D
 Acq: 24 Mar 2023 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-032323



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.4	110.0#
89	0.0	36.6	55.0#

