

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013071.D
 Acq On : 24 Mar 2023 12:13
 Operator : KP/MD
 Sample : VY0324SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBL01

Quant Time: Mar 25 03:30:35 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)

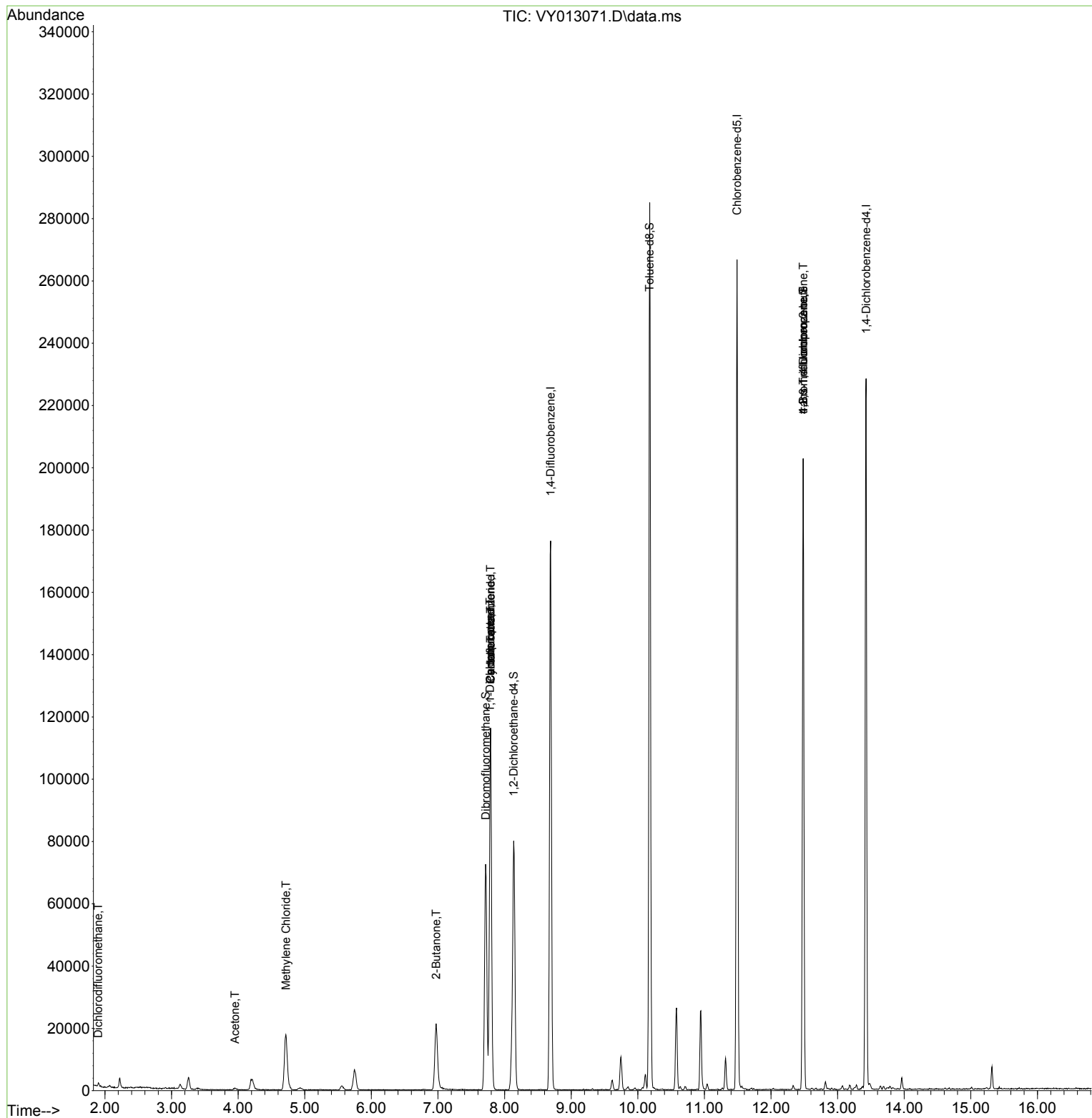
Internal Standards						
1) Pentafluorobenzene	7.789	168	89832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55711	62.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.920%	
35) Dibromofluoromethane	7.716	113	50822	55.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.620%	
50) Toluene-d8	10.179	98	180839	54.319	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	12.483	95	53105	47.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	1034	1.168	ug/l	84
11) Tert butyl alcohol	4.936	59	558	Below Cal	#	74
16) Acetone	3.954	43	990	2.828	ug/l #	85
20) Methylene Chloride	4.716	84	12763	7.366	ug/l	93
25) 2-Butanone	6.972	43	1341	3.093	ug/l #	49
31) Cyclohexane	7.789	56	2031	1.189	ug/l #	14
36) 1,1-Dichloropropene	7.783	75	7027	4.605	ug/l #	48
38) Carbon Tetrachloride	7.789	117	8519	5.406	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	28749	41.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28749	85.478	ug/l #	13

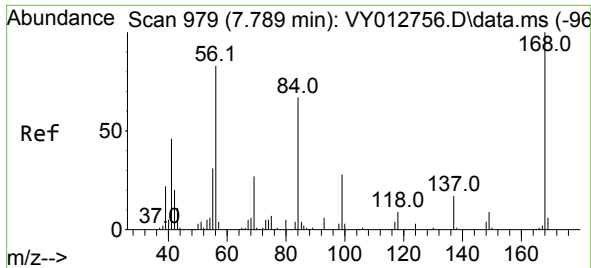
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 25 03:30:35 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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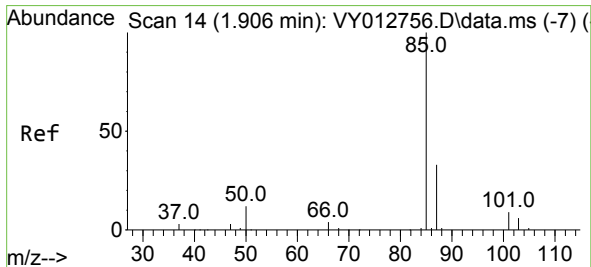
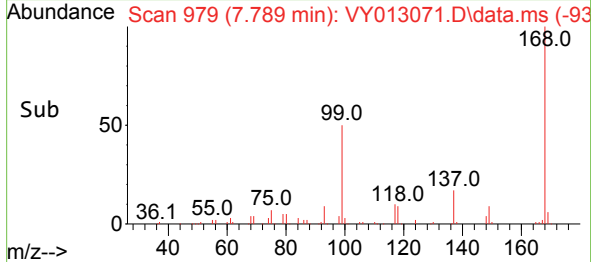
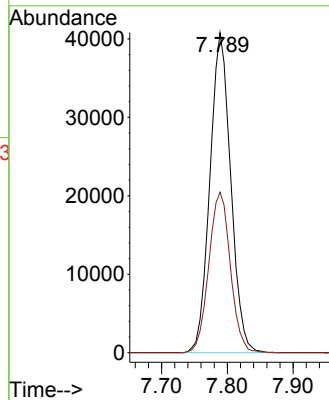
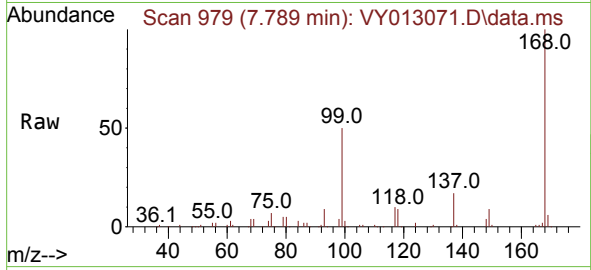




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

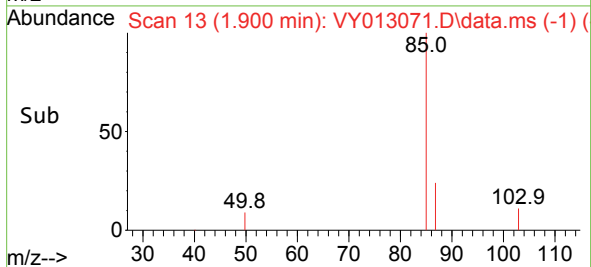
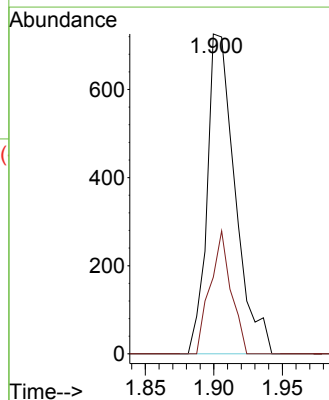
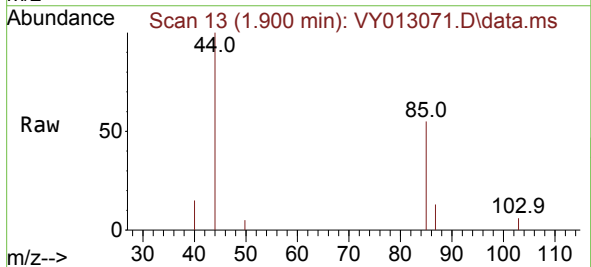
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

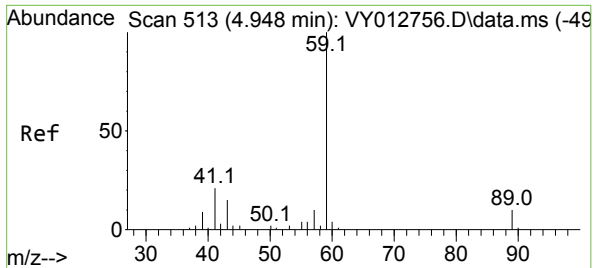
Tgt Ion:168 Resp: 89832
Ion Ratio Lower Upper
168 100
99 50.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 1.168 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion: 85 Resp: 1034
Ion Ratio Lower Upper
85 100
87 24.0 16.7 50.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

Lab File: VY013071.D

Acq: 24 Mar 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

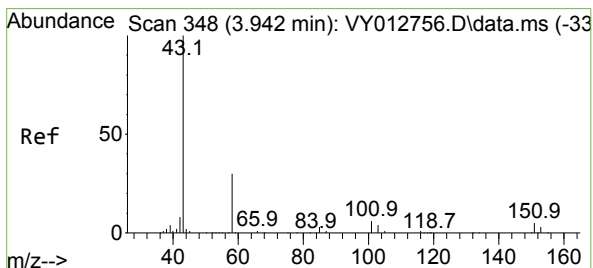
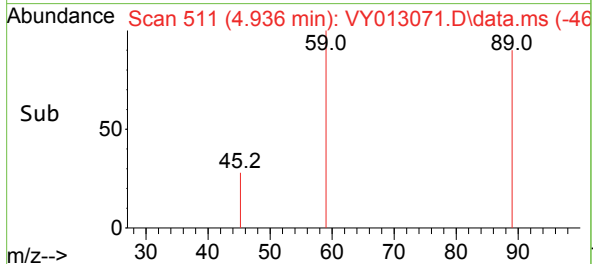
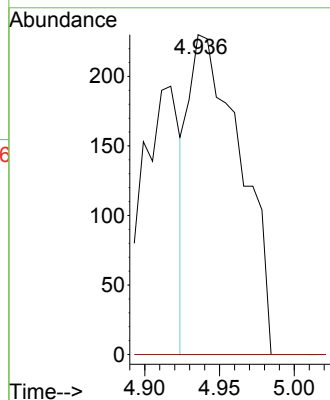
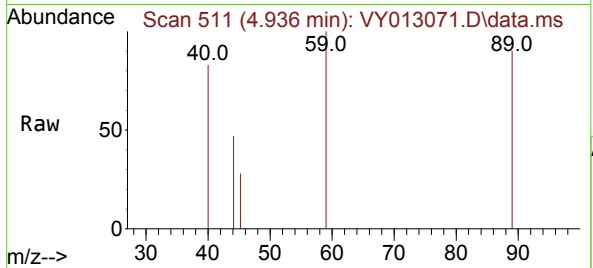
VY0324SBL01

Tgt Ion: 59 Resp: 558

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 2.828 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY013071.D

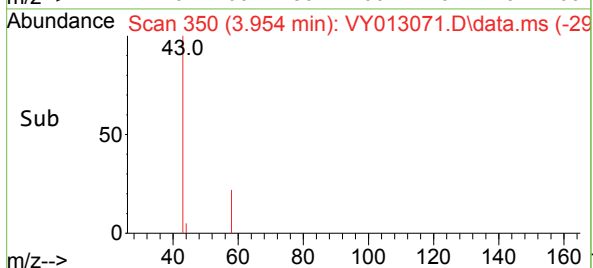
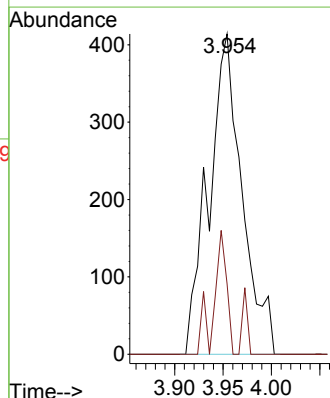
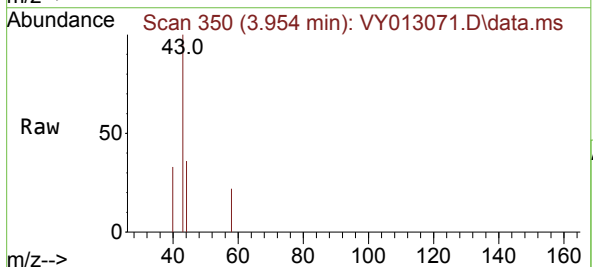
Acq: 24 Mar 2023 12:13

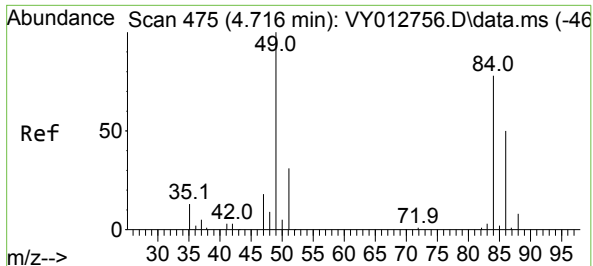
Tgt Ion: 43 Resp: 990

Ion Ratio Lower Upper

43 100

58 22.0 24.2 36.2#

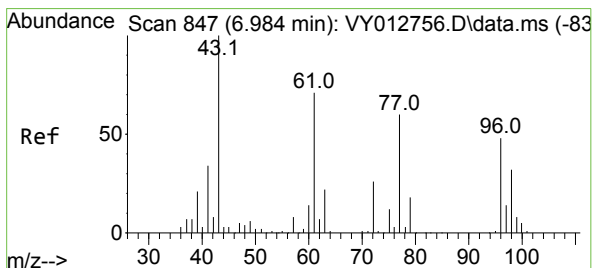
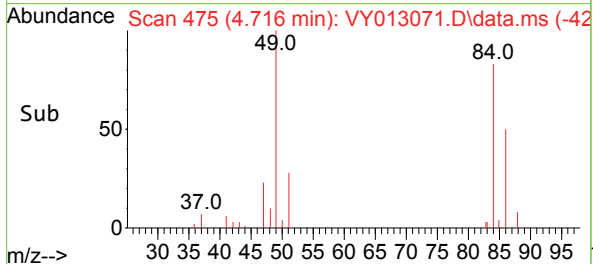
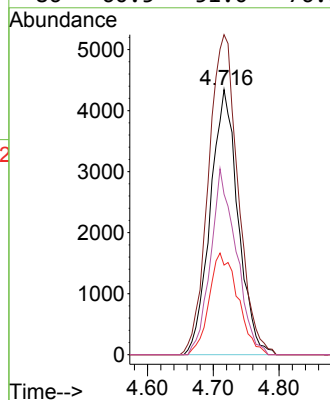
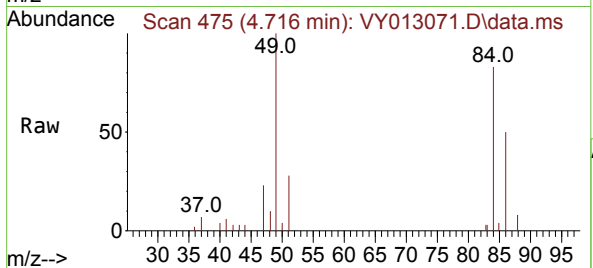




#20
Methylene Chloride
Concen: 7.366 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

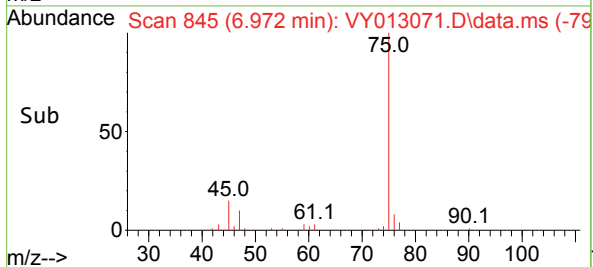
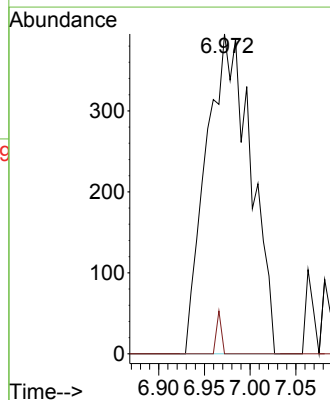
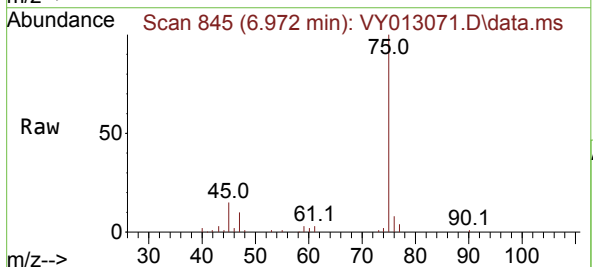
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

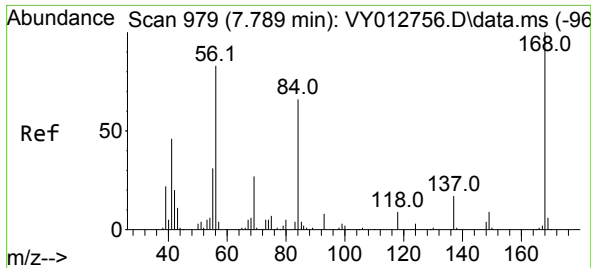
Tgt Ion: 84	Resp: 12763		
Ion	Ratio	Lower	Upper
84	100		
49	120.7	102.6	154.0
51	33.8	31.9	47.9
86	60.5	51.0	76.6



#25
2-Butanone
Concen: 3.093 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion: 43	Resp: 1341		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.0	31.4#	

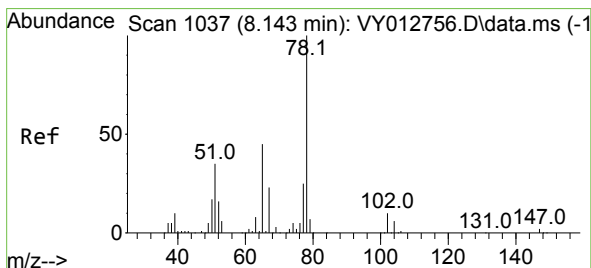
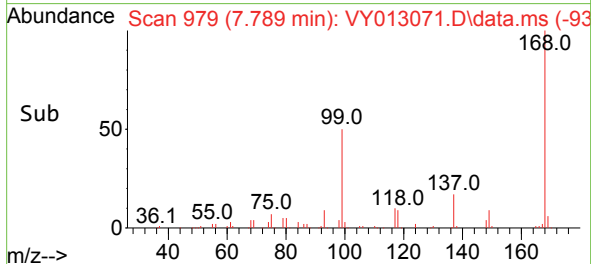
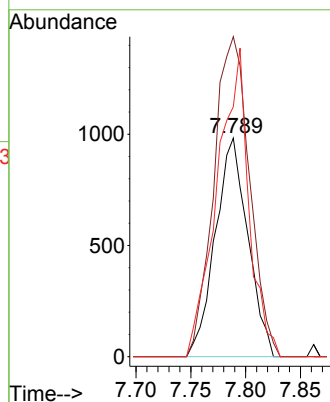
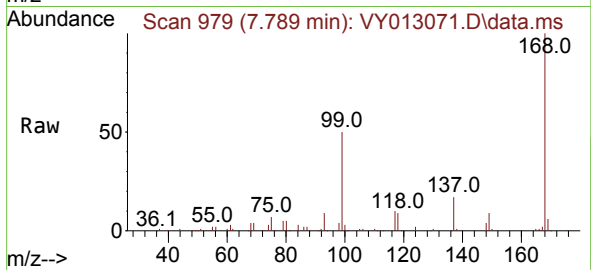




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

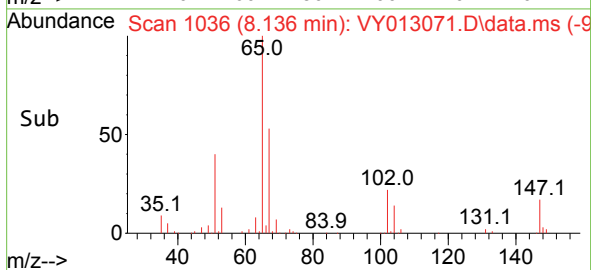
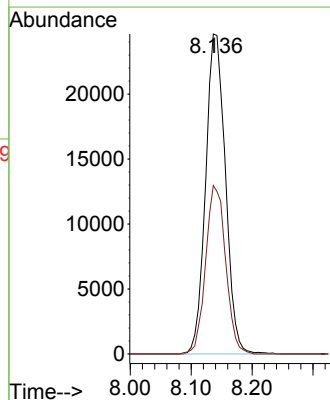
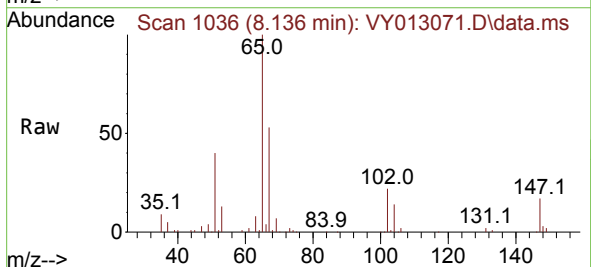
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

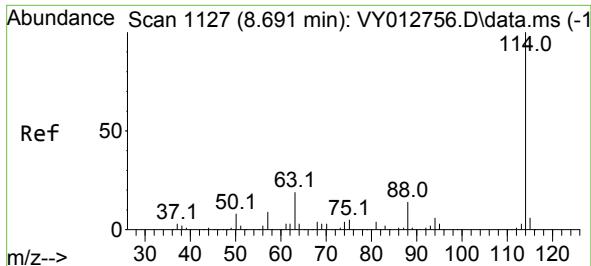
Tgt Ion: 56 Resp: 2031
Ion Ratio Lower Upper
56 100
69 146.4 25.7 38.5#
84 114.3 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 62.462 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion: 65 Resp: 55711
Ion Ratio Lower Upper
65 100
67 53.2 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: VY013071.D

Acq: 24 Mar 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBL01

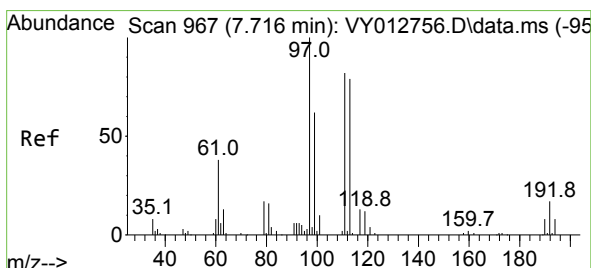
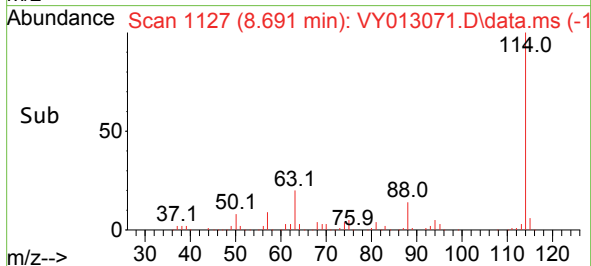
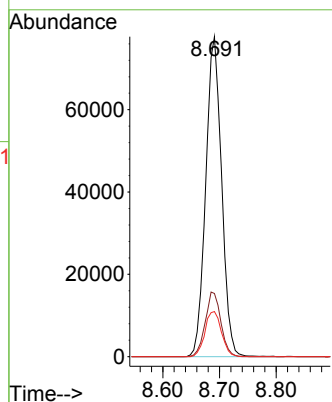
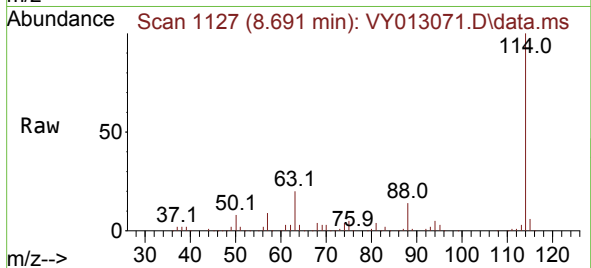
Tgt Ion:114 Resp: 150898

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.807 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013071.D

Acq: 24 Mar 2023 12:13

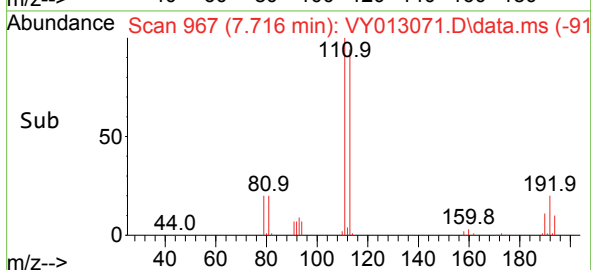
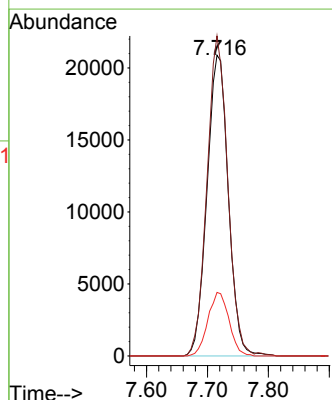
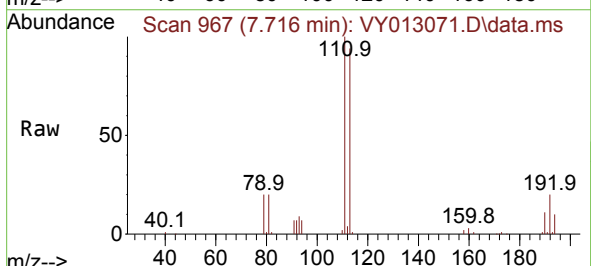
Tgt Ion:113 Resp: 50822

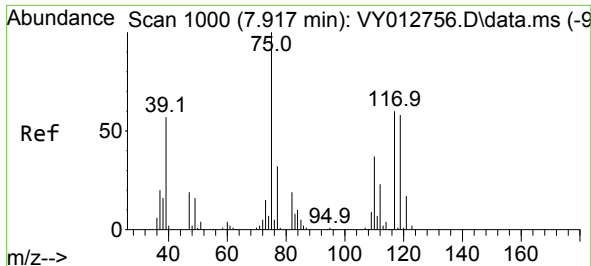
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 20.9 16.8 25.2

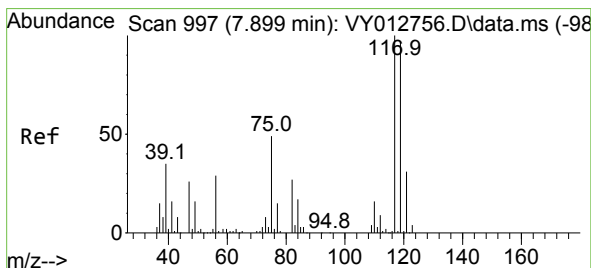
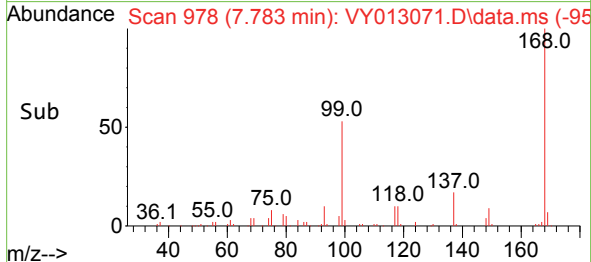
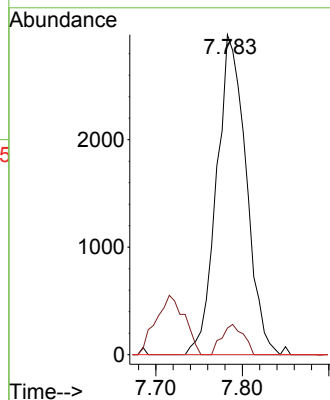
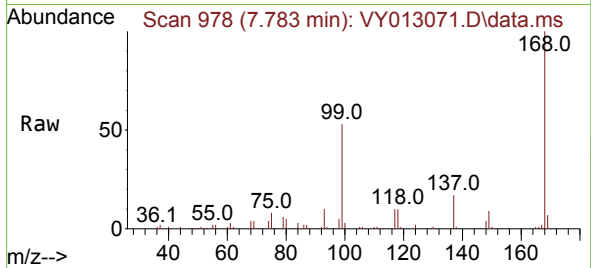




#36
1,1-Dichloropropene
Concen: 4.605 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

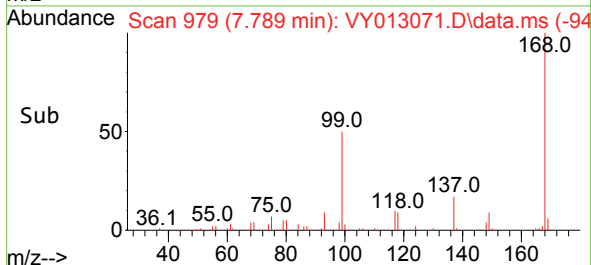
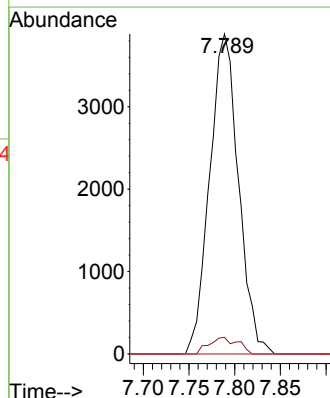
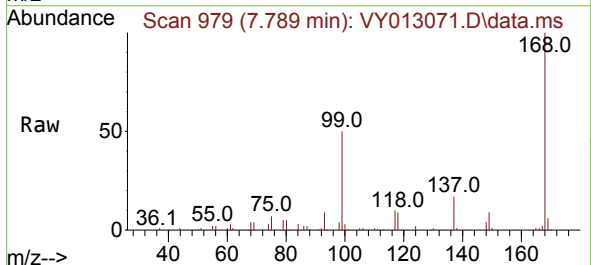
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VY0324SBL01

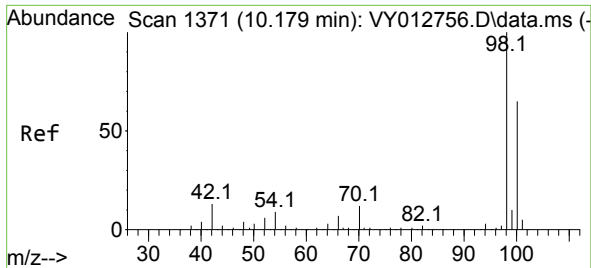
Tgt Ion: 75 Resp: 7027
Ion Ratio Lower Upper
75 100
110 7.0 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.406 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion: 117 Resp: 8519
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.7 37.1#

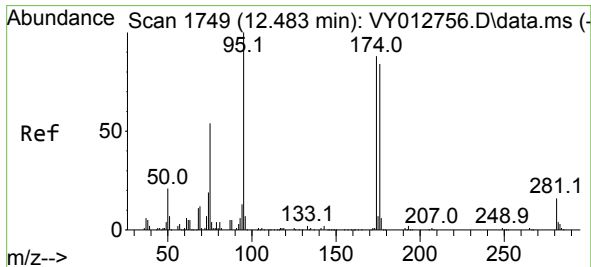
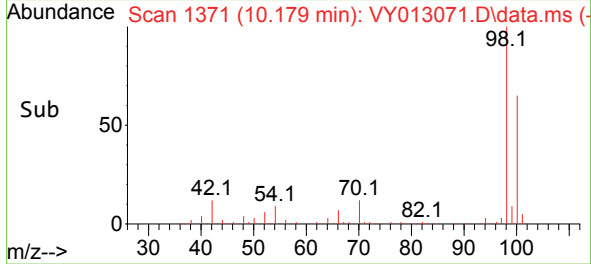
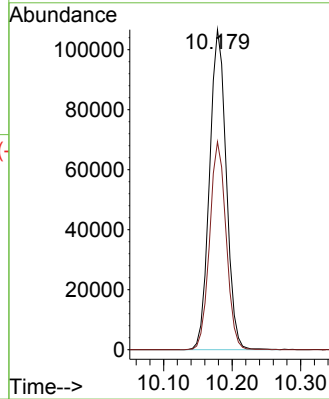
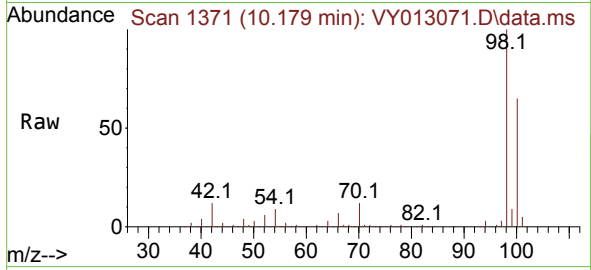




#50
Toluene-d8
Concen: 54.319 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

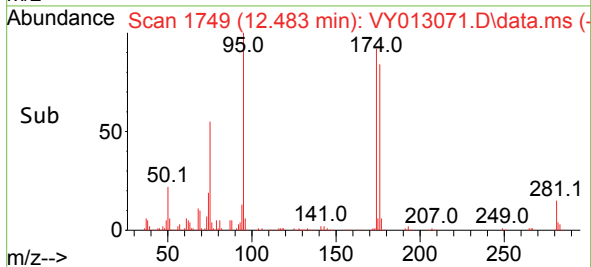
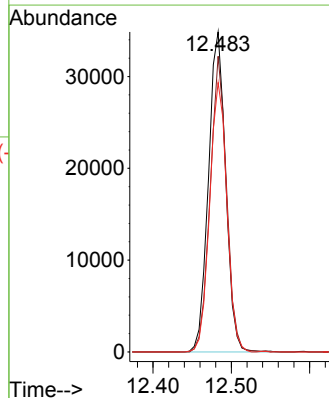
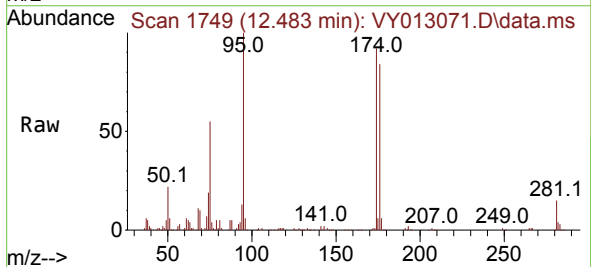
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

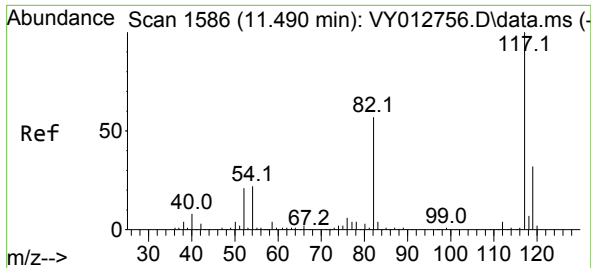
Tgt Ion: 98 Resp: 180839
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.259 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion: 95 Resp: 53105
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 84.1 0.0 170.2

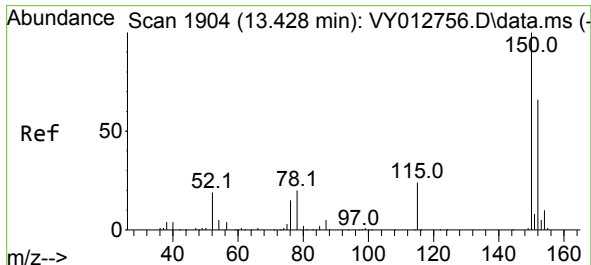
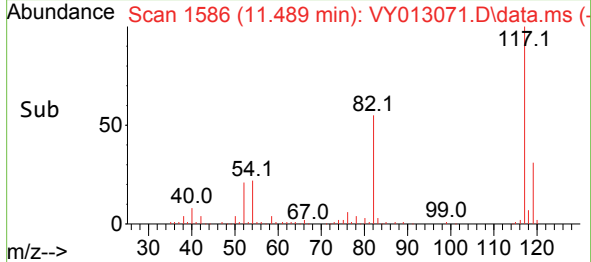
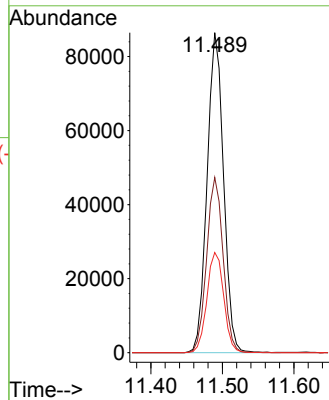
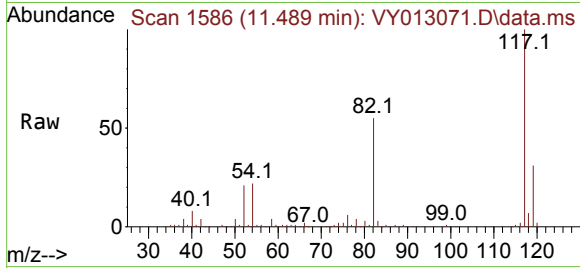




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

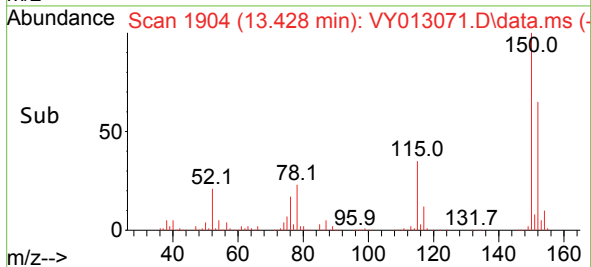
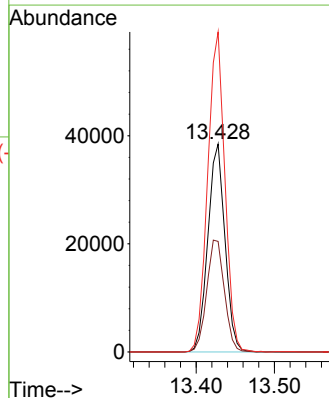
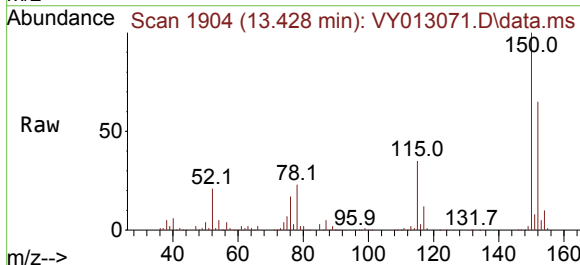
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

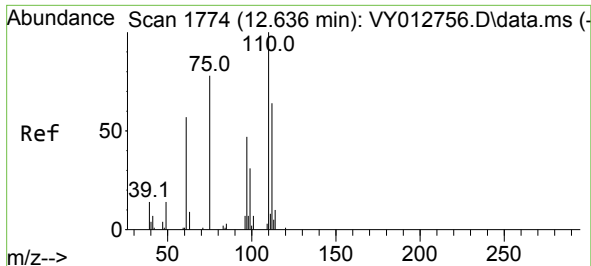
Tgt Ion:117 Resp: 138107
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion:152 Resp: 58358
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 154.3 0.0 347.8

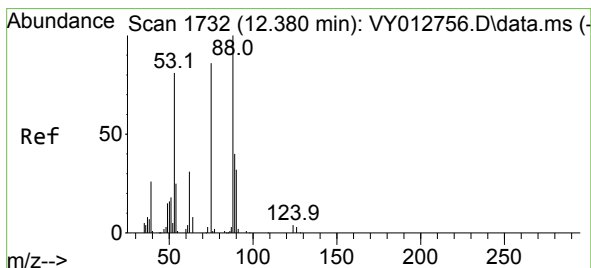
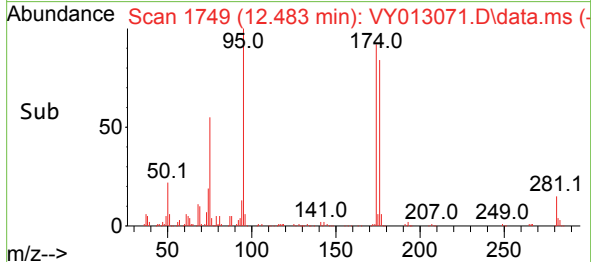
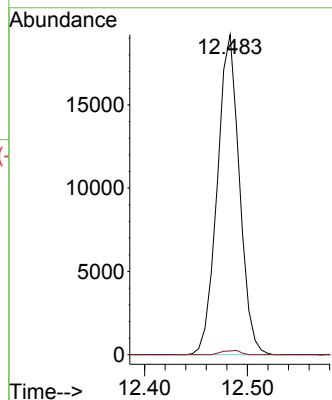
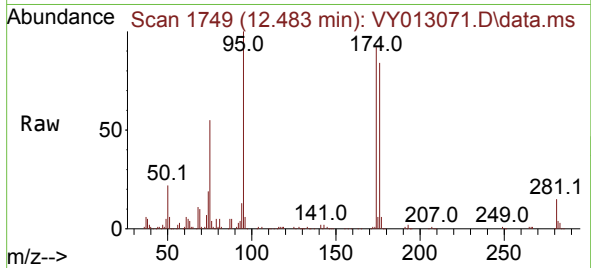




#76
1,2,3-Trichloropropane
Concen: 41.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 75 Resp: 28749
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.478 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion: 75 Resp: 28749
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.1 36.6 55.0#

