

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012874.D
 Acq On : 08 Mar 2023 16:26
 Operator : KP/MD
 Sample : 01829-04
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-04-20230306

Quant Time: Mar 09 00:37:49 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)

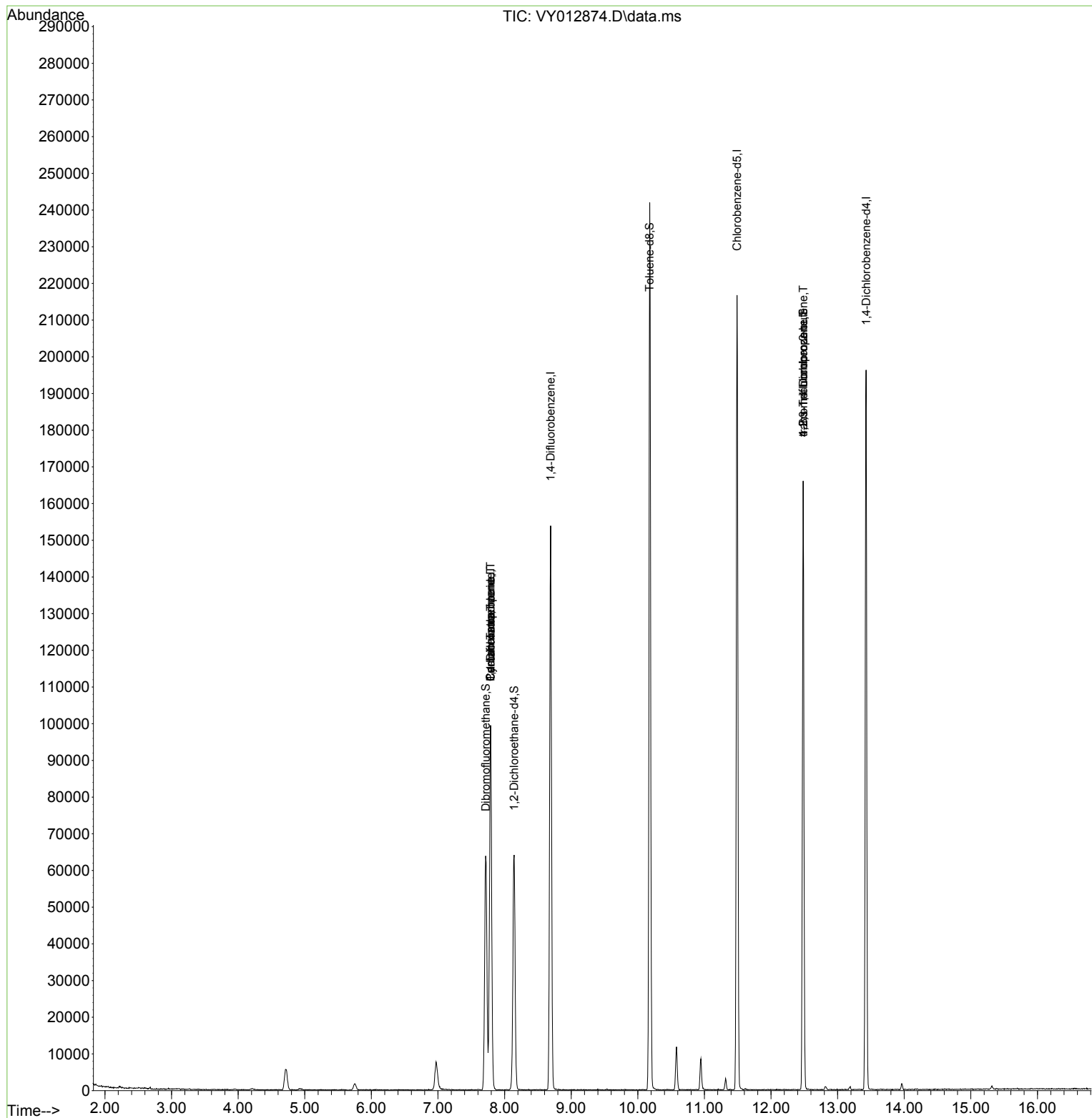
Internal Standards						
1) Pentafluorobenzene	7.789	168	77441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49633	64.552	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.100%			
35) Dibromofluoromethane	7.715	113	45012	57.869	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.740%			
50) Toluene-d8	10.178	98	156424	55.010	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.020%			
62) 4-Bromofluorobenzene	12.483	95	45344	47.245	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.480%			
Target Compounds						
11) Tert butyl alcohol	4.929	59	347	Below Cal	#	74
20) Methylene Chloride	4.710	84	4398	Below Cal		91
31) Cyclohexane	7.789	56	1754	1.191	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5907	4.532	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7600	5.646	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	23971	39.146	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23971	81.113	ug/l #	13

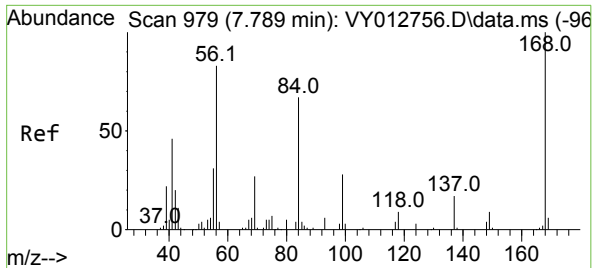
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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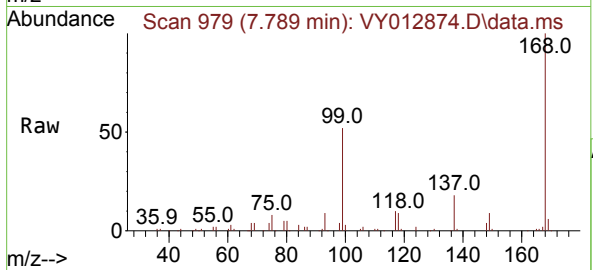
Quant Time: Mar 09 00:37:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
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Response via : Initial Calibration



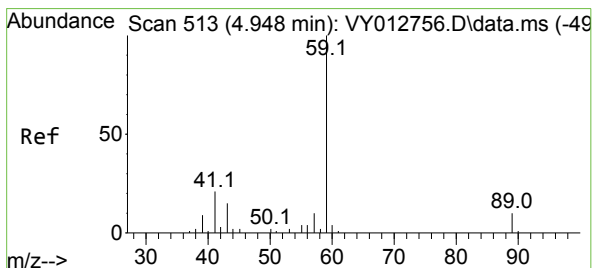
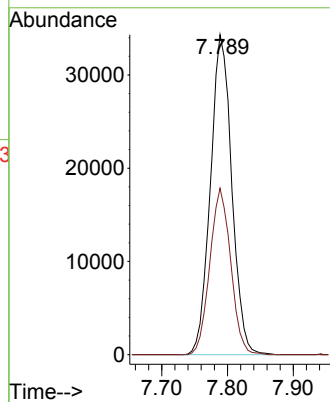
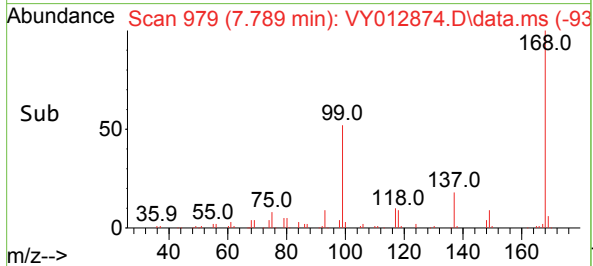


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :
SS-04-20230306

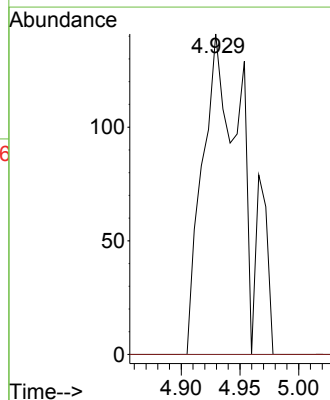
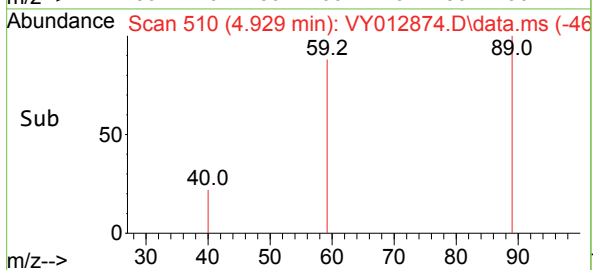
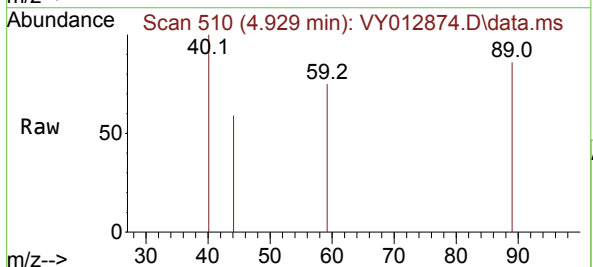


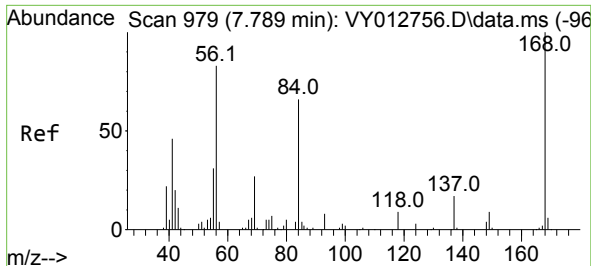
Tgt Ion:168 Resp: 77441
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

Tgt Ion: 59 Resp: 347
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

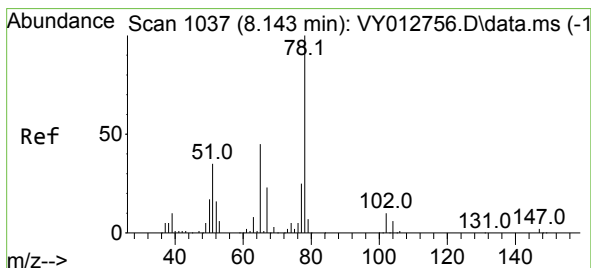
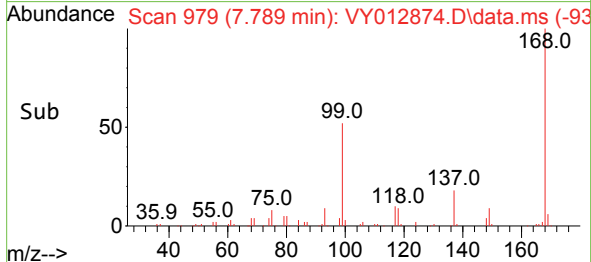
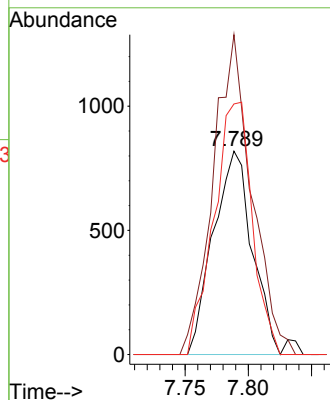
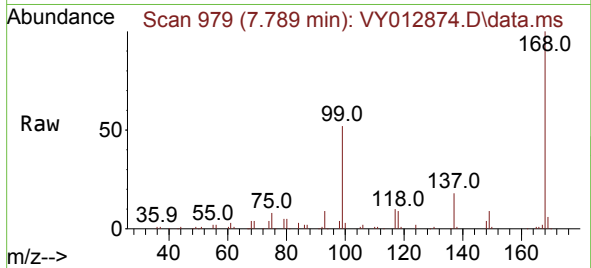




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

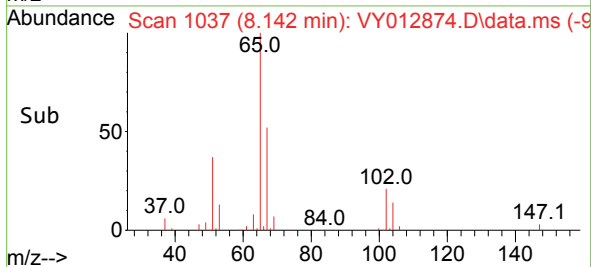
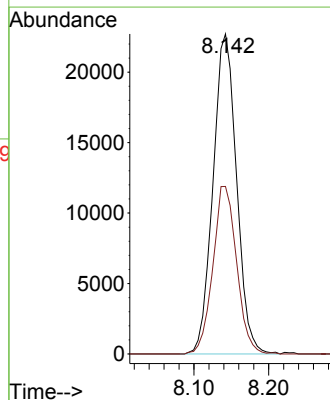
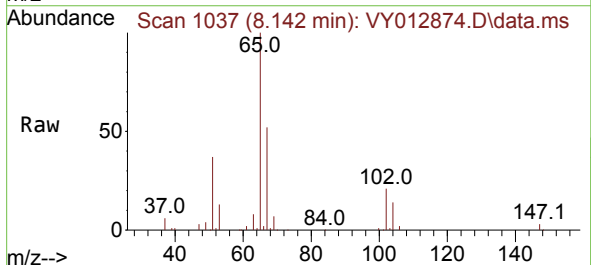
Instrument :
MSVOA_Y
ClientSampleId :
SS-04-20230306

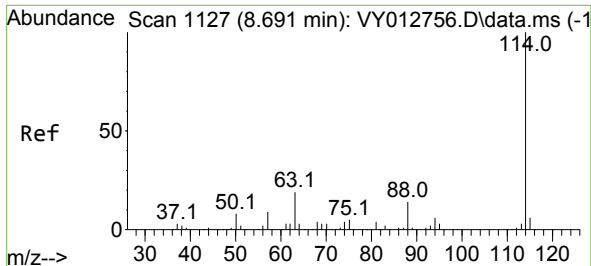
Tgt Ion: 56 Resp: 1754
Ion Ratio Lower Upper
56 100
69 157.3 25.7 38.5#
84 123.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 64.552 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

Tgt Ion: 65 Resp: 49633
Ion Ratio Lower Upper
65 100
67 52.9 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: VY012874.D

Acq: 08 Mar 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

SS-04-20230306

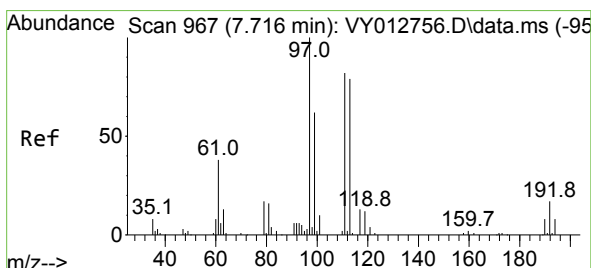
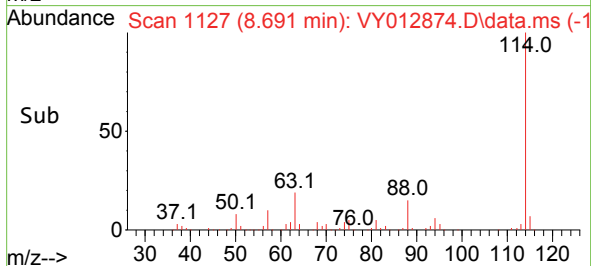
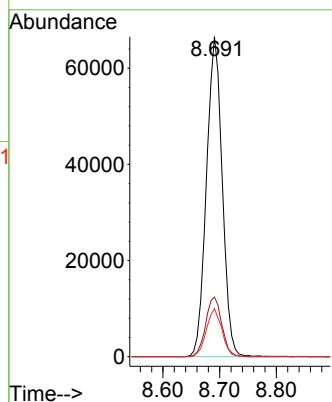
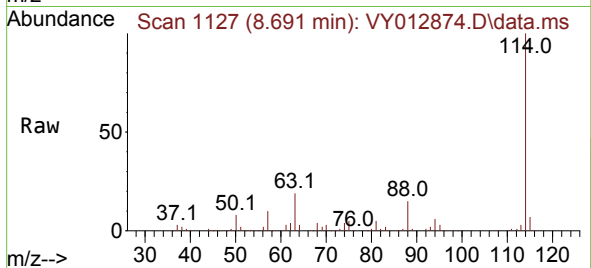
Tgt Ion:114 Resp: 128885

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.869 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012874.D

Acq: 08 Mar 2023 16:26

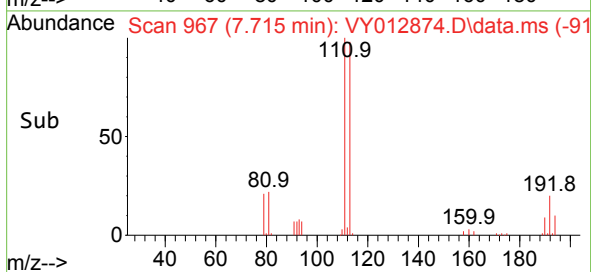
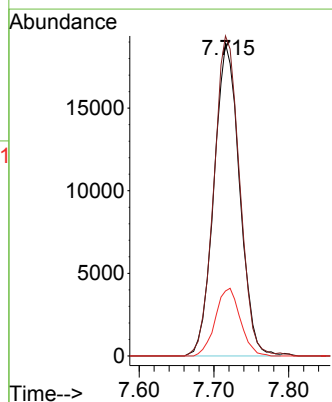
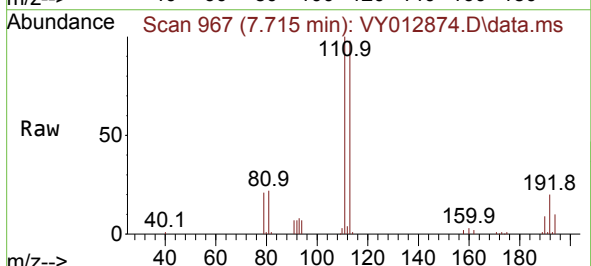
Tgt Ion:113 Resp: 45012

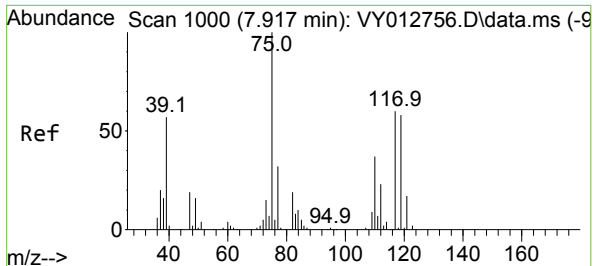
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 21.1 16.8 25.2

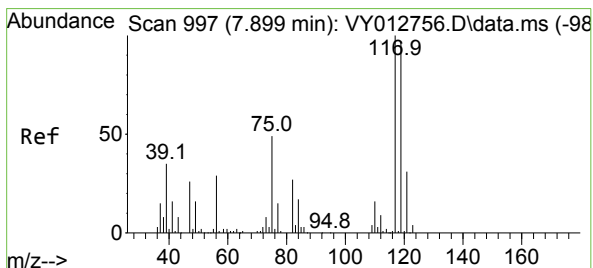
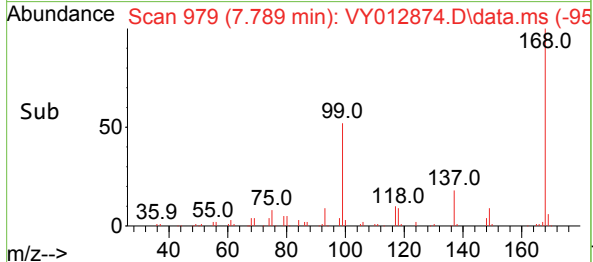
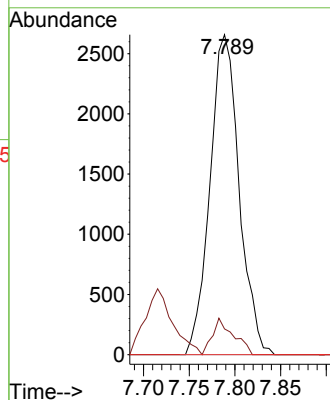
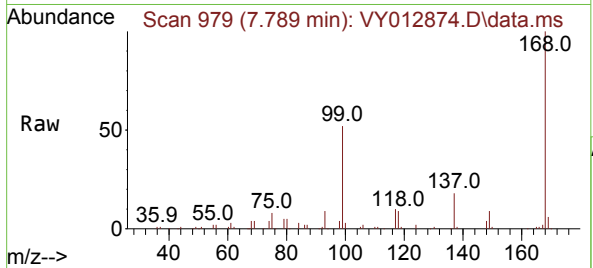




#36
1,1-Dichloropropene
Concen: 4.532 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

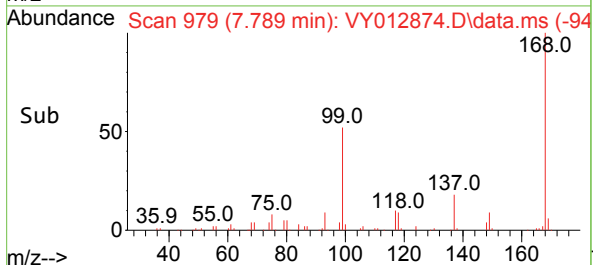
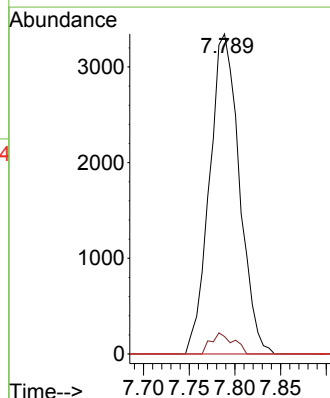
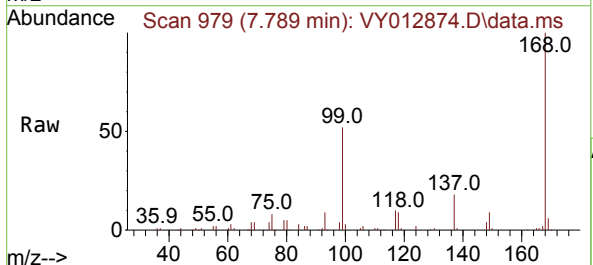
Instrument :
MSVOA_Y
ClientSampleId :
SS-04-20230306

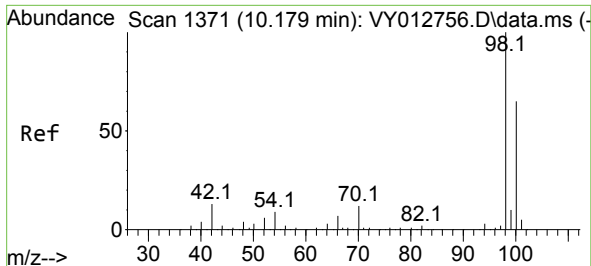
Tgt Ion: 75 Resp: 5907
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

Tgt Ion: 117 Resp: 7600
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.7 37.1#

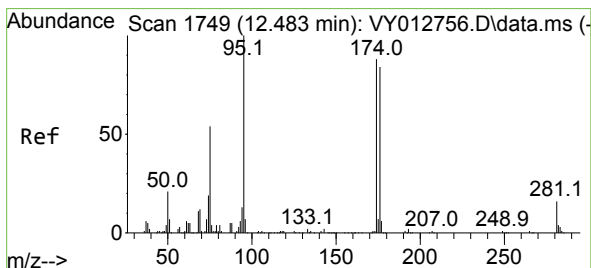
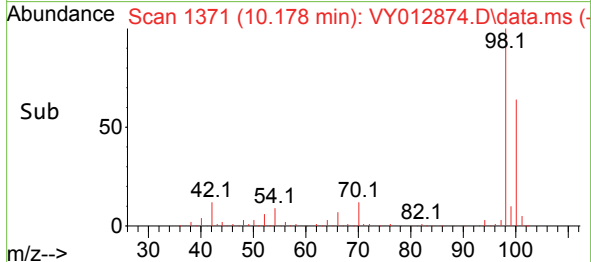
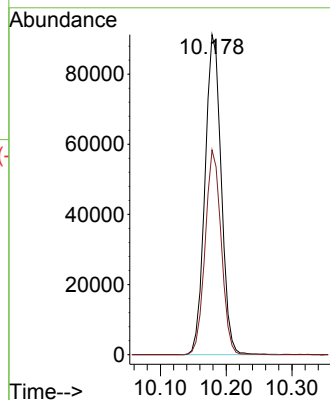
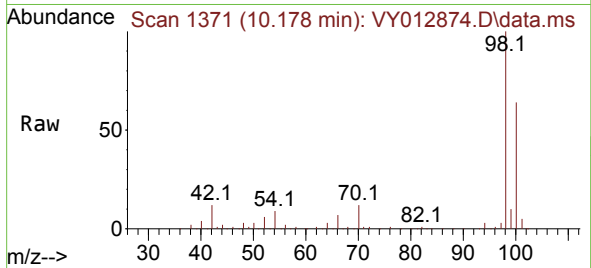




#50
Toluene-d8
Concen: 55.010 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

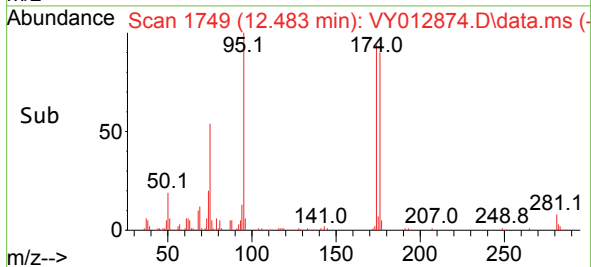
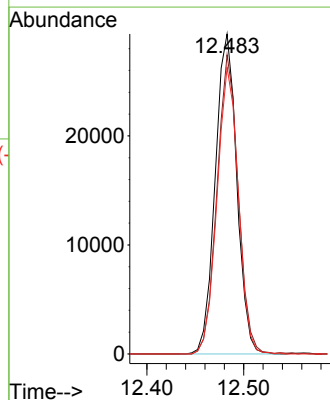
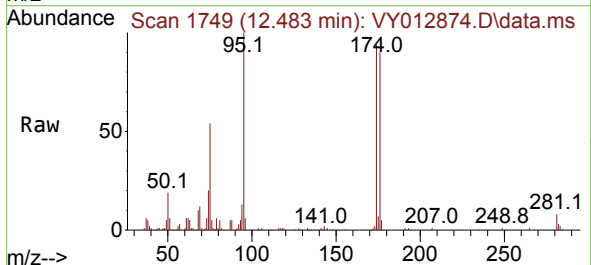
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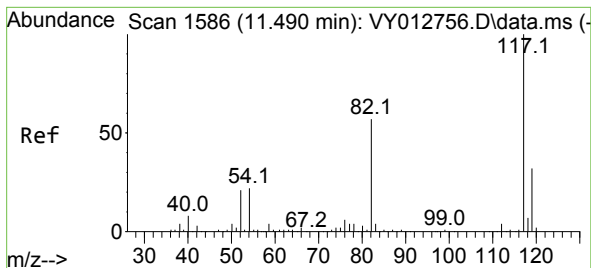
Tgt Ion: 98 Resp: 156424
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

Tgt Ion: 95 Resp: 45344
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.6
176 88.6 0.0 170.2

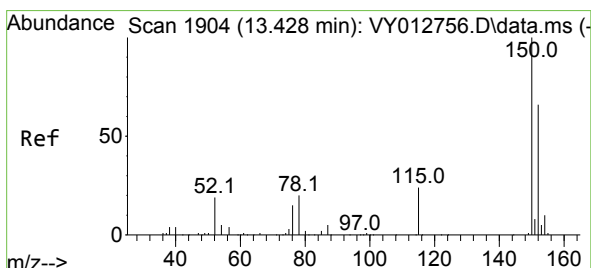
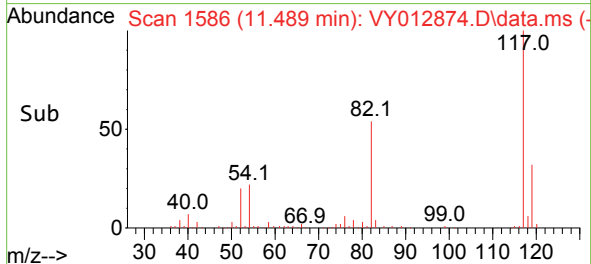
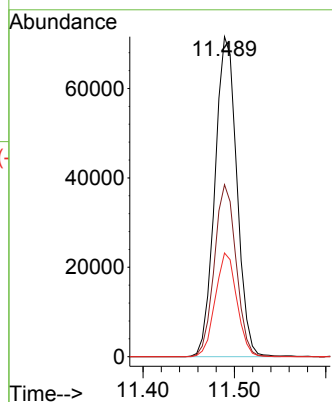
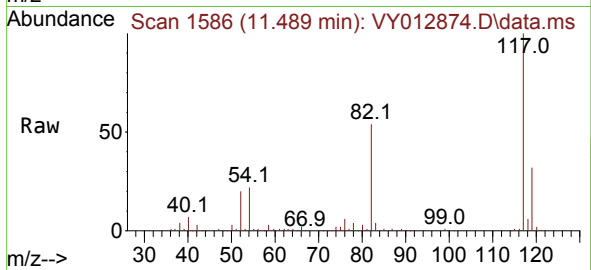




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

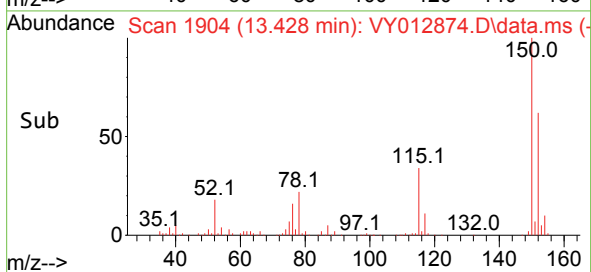
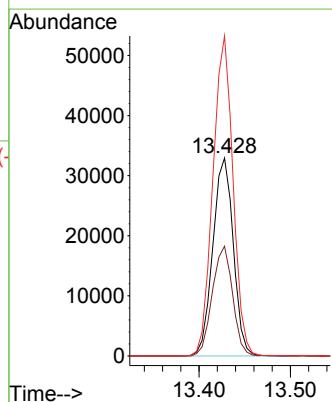
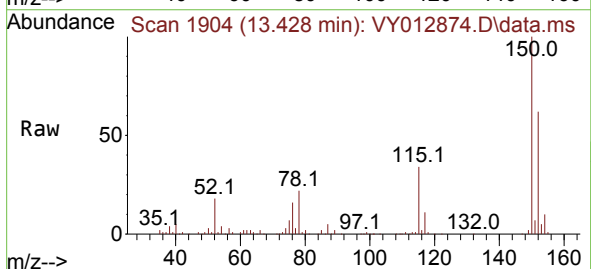
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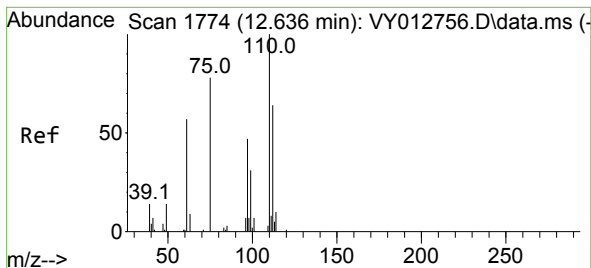
Tgt Ion:117 Resp: 119456
Ion Ratio Lower Upper
117 100
82 53.8 45.4 68.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012874.D
Acq: 08 Mar 2023 16:26

Tgt Ion:152 Resp: 51278
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 158.5 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 39.146 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY012874.D

Acq: 08 Mar 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

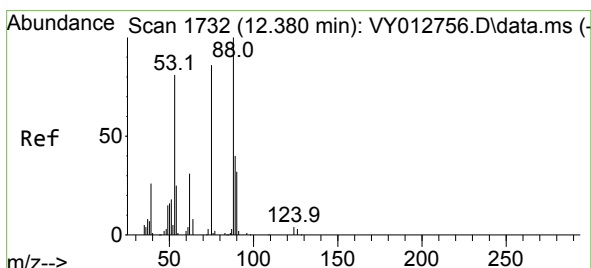
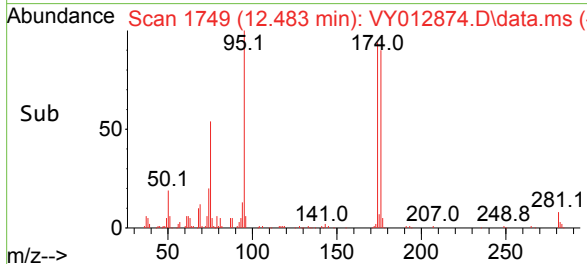
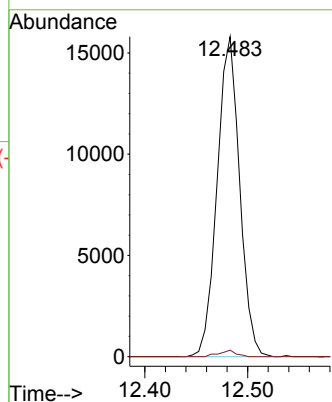
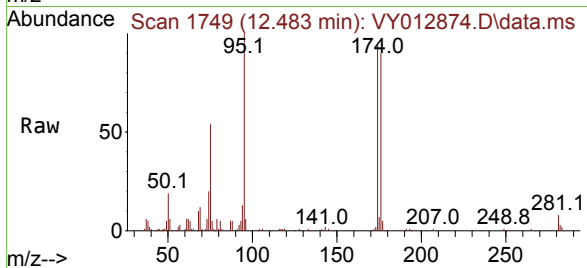
SS-04-20230306

Tgt Ion: 75 Resp: 23971

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.113 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY012874.D

Acq: 08 Mar 2023 16:26

Tgt Ion: 75 Resp: 23971

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.0 36.6 55.0#

