

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012800.D
 Acq On : 03 Mar 2023 16:49
 Operator : KP/MD
 Sample : 01749-06
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-8

Quant Time: Mar 04 01:25:20 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)

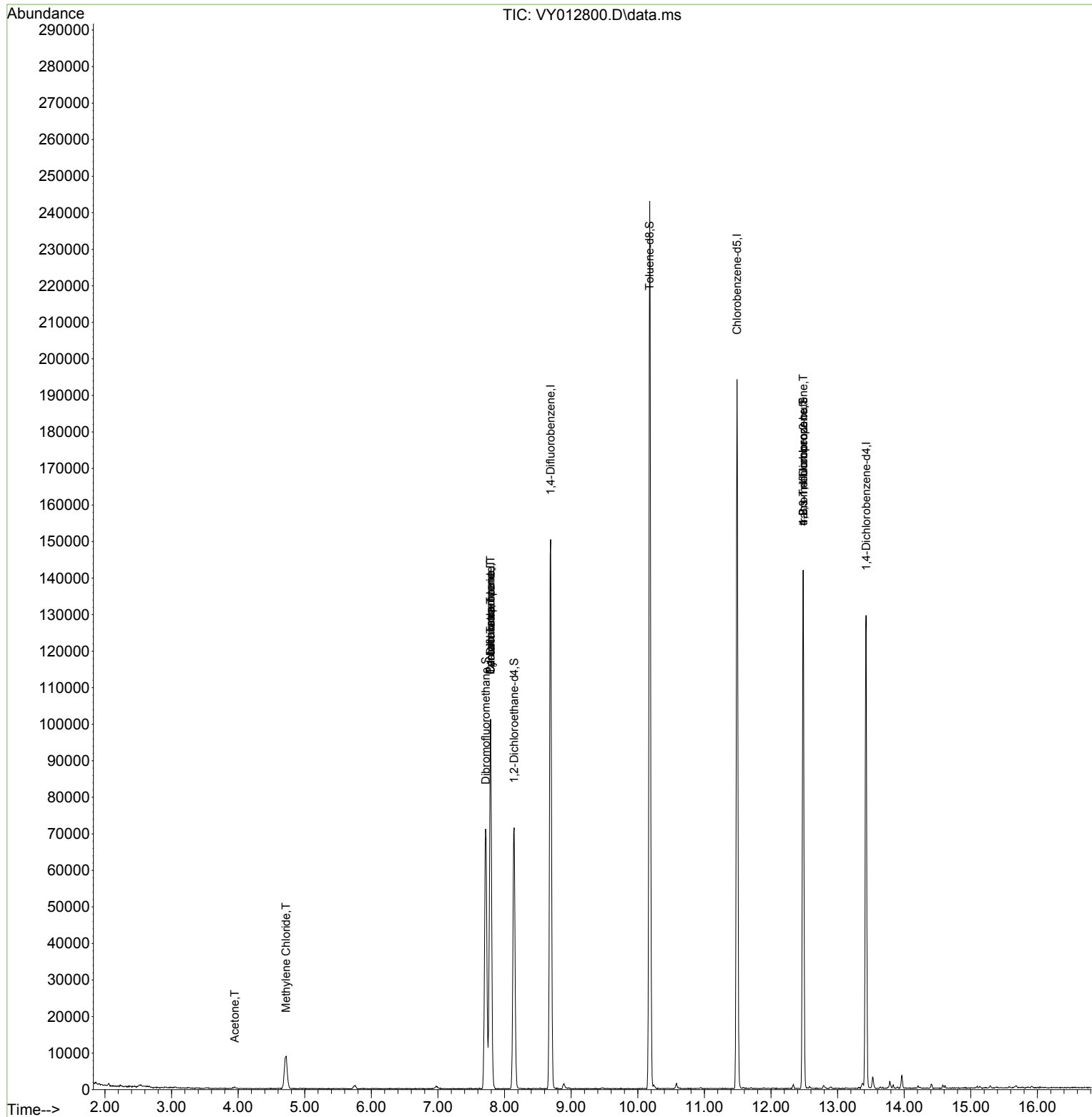
Internal Standards						
1) Pentafluorobenzene	7.789	168	77469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	127287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	102315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55395	72.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.040%	
35) Dibromofluoromethane	7.716	113	50807	66.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.280%	
50) Toluene-d8	10.179	98	156748	55.816	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.640%	
62) 4-Bromofluorobenzene	12.483	95	40091	42.296	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.600%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	21	Below Cal	#	74
16) Acetone	3.948	43	727	2.408	ug/l #	85
20) Methylene Chloride	4.716	84	6573	1.974	ug/l	97
31) Cyclohexane	7.789	56	1620	1.100	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	5773	4.485	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7686	5.782	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	21858	54.900	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21858	113.754	ug/l #	13

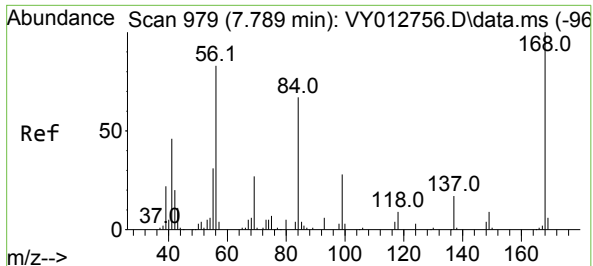
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CF-8

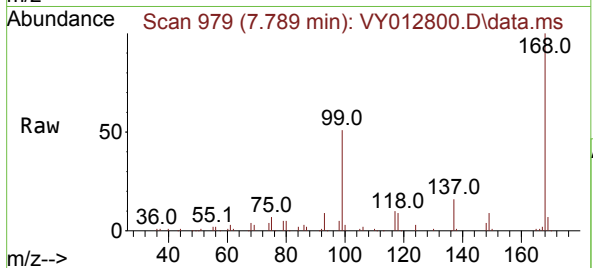
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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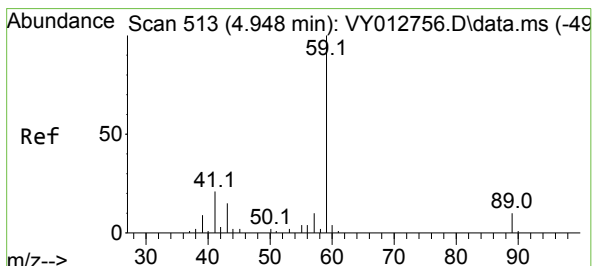
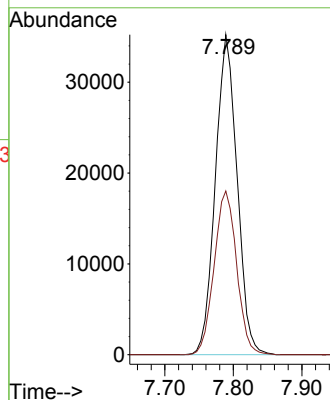
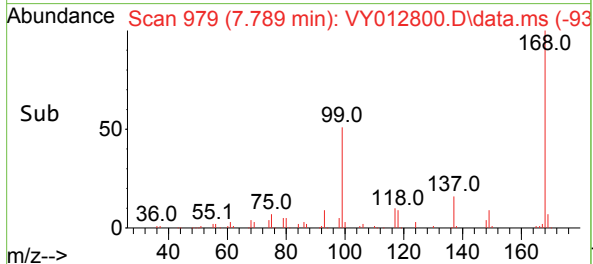


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :
CF-8

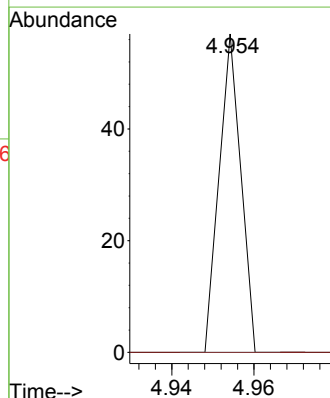
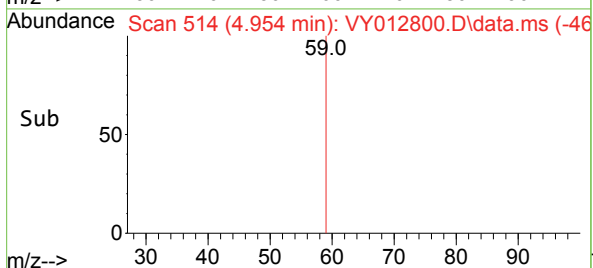
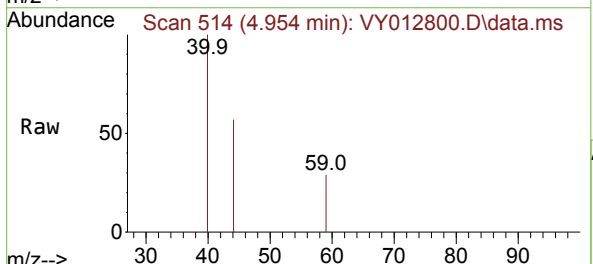


Tgt Ion:168 Resp: 77469
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

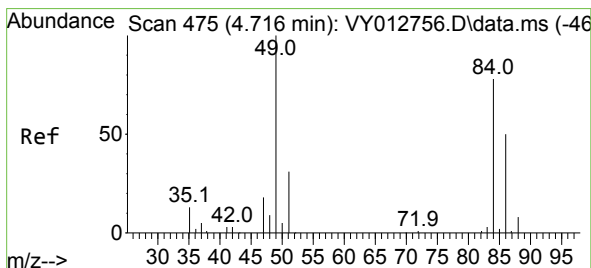
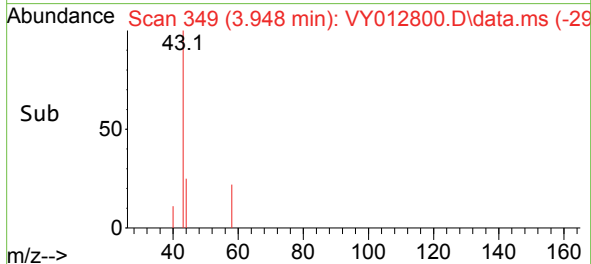
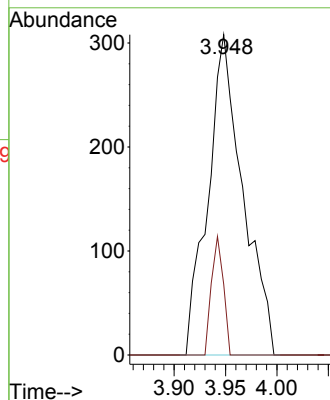
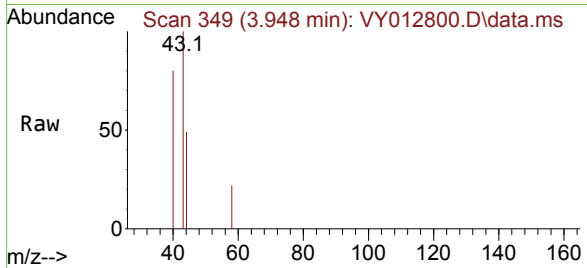




#16
Acetone
Concen: 2.408 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

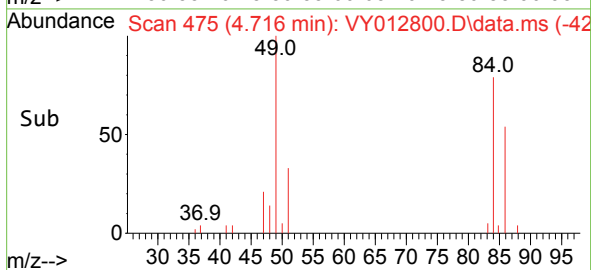
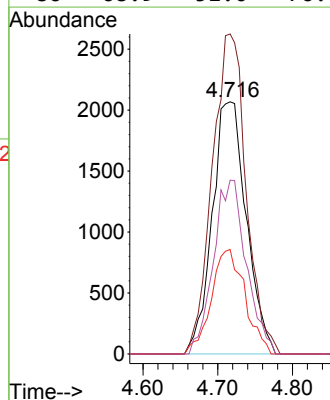
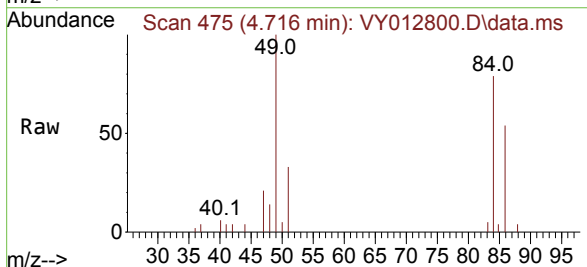
Instrument :
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CF-8

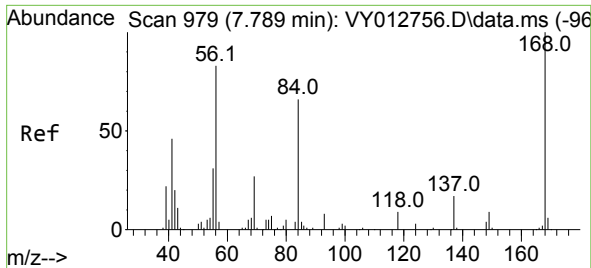
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 22.1 24.2 36.2#



#20
Methylene Chloride
Concen: 1.974 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

Tgt Ion: 84 Resp: 6573
Ion Ratio Lower Upper
84 100
49 126.9 102.6 154.0
51 41.4 31.9 47.9
86 68.9 51.0 76.6

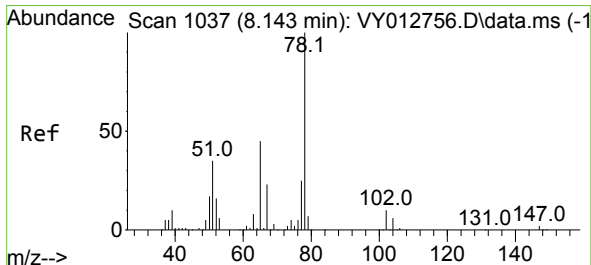
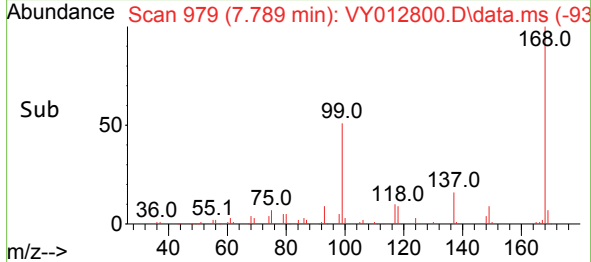
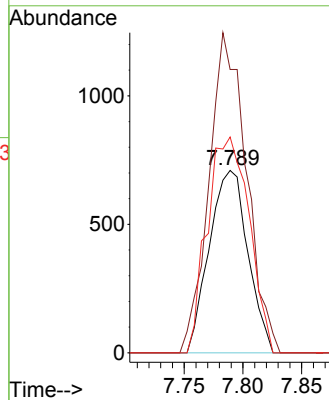
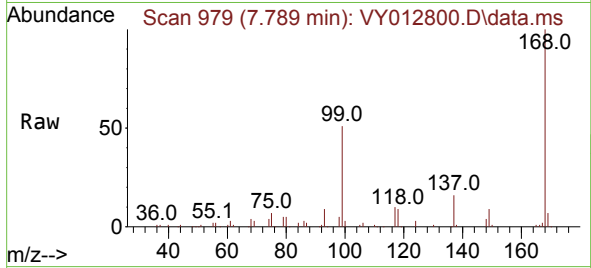




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

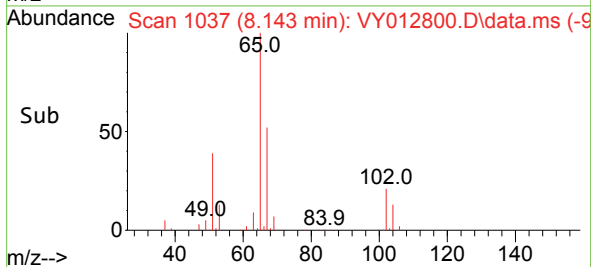
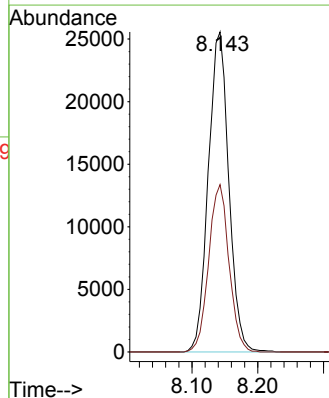
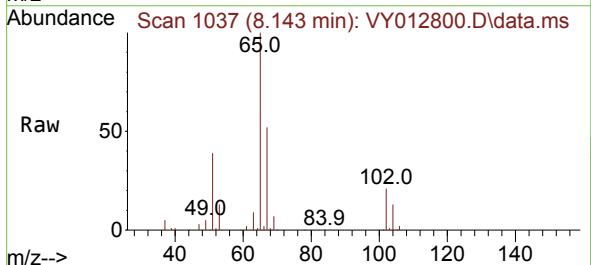
Instrument :
MSVOA_Y
ClientSampleId :
CF-8

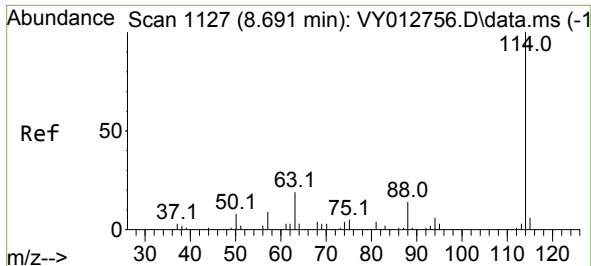
Tgt Ion: 56 Resp: 1620
Ion Ratio Lower Upper
56 100
69 155.4 25.7 38.5#
84 118.3 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 72.019 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

Tgt Ion: 65 Resp: 55395
Ion Ratio Lower Upper
65 100
67 51.9 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: VY012800.D

Acq: 03 Mar 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

CF-8

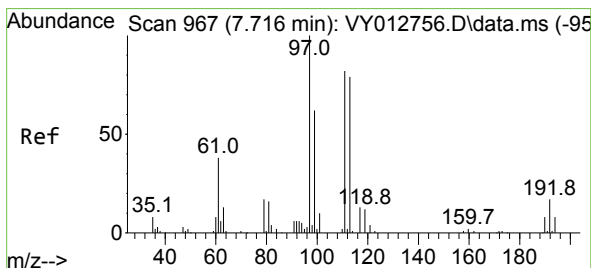
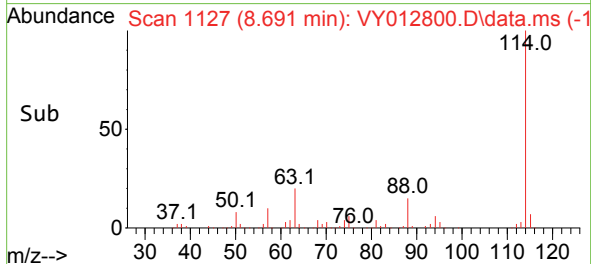
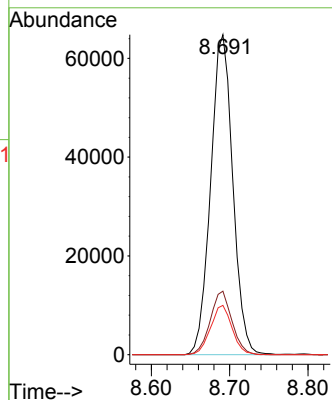
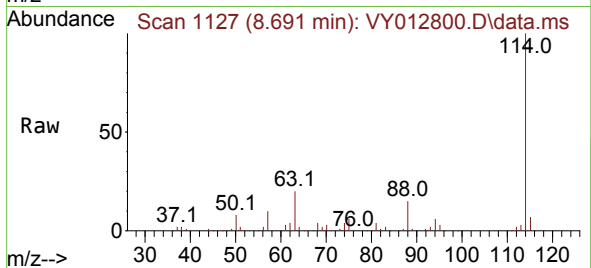
Tgt Ion:114 Resp: 127287

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 66.140 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012800.D

Acq: 03 Mar 2023 16:49

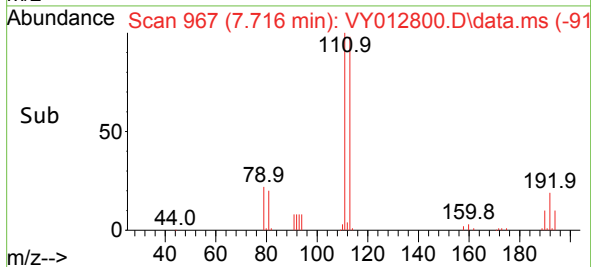
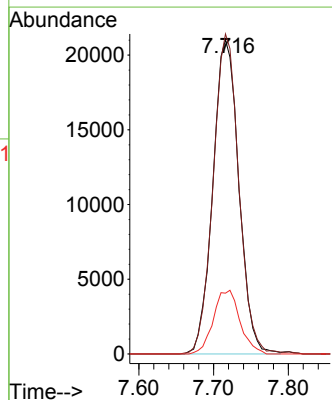
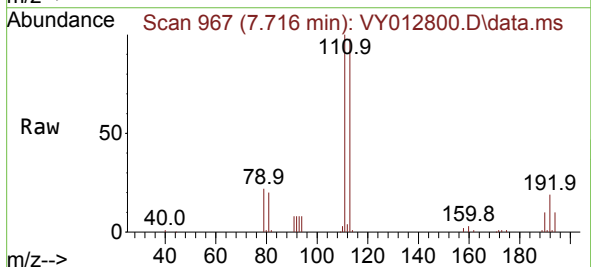
Tgt Ion:113 Resp: 50807

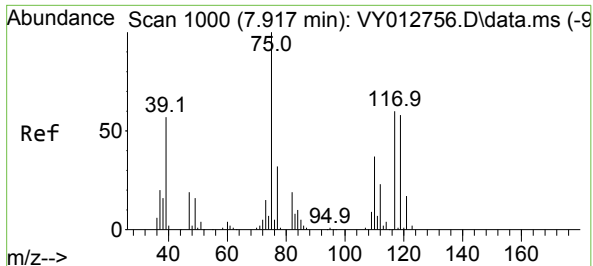
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.2

192 20.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012800.D

Acq: 03 Mar 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

CF-8

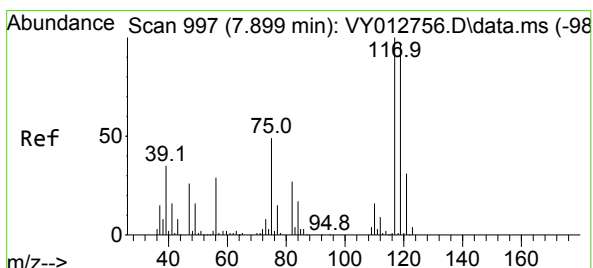
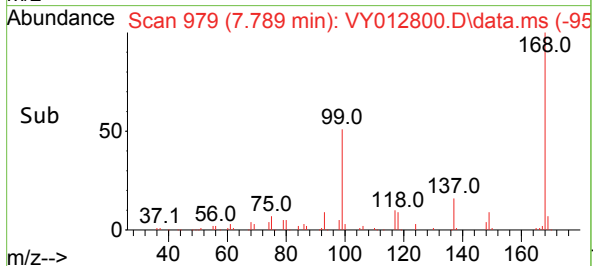
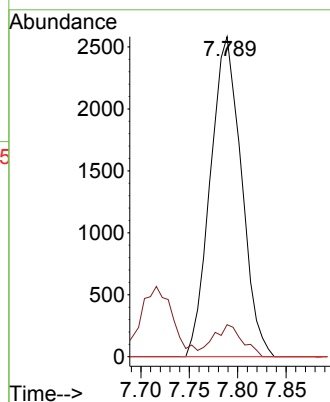
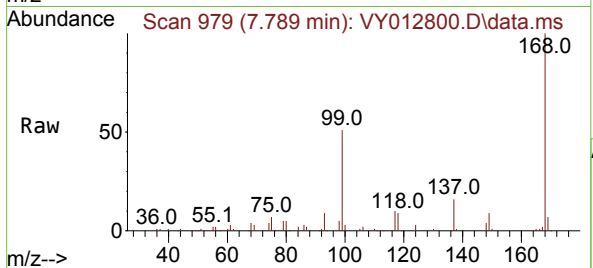
Tgt Ion: 75 Resp: 5773

Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.782 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012800.D

Acq: 03 Mar 2023 16:49

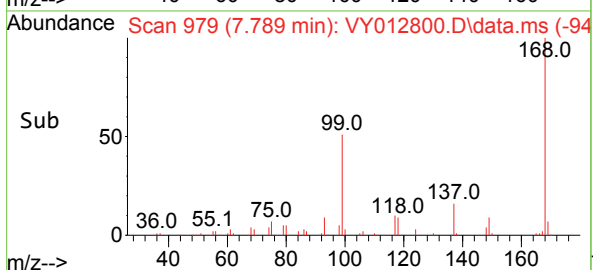
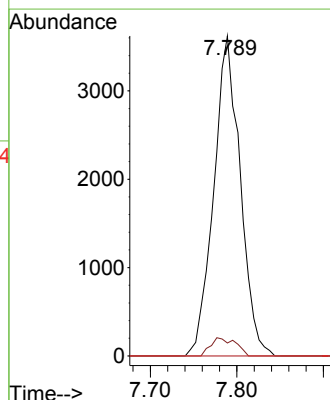
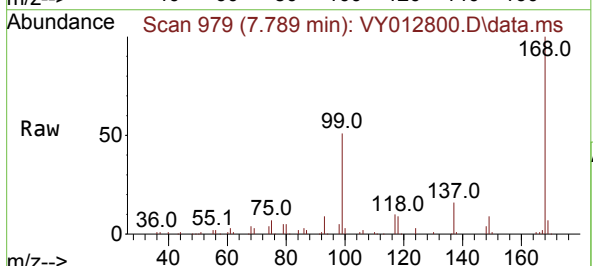
Tgt Ion: 117 Resp: 7686

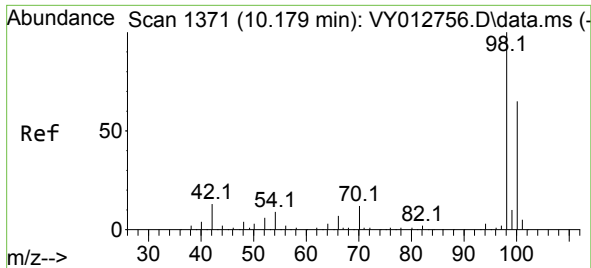
Ion Ratio Lower Upper

117 100

119 4.1 77.2 115.8#

121 0.0 24.7 37.1#

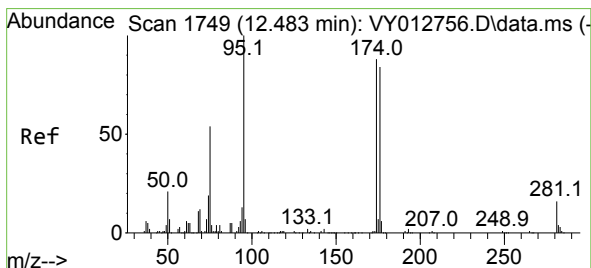
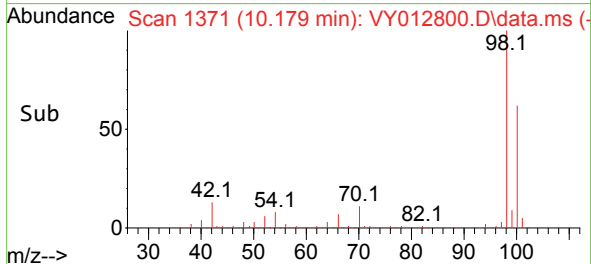
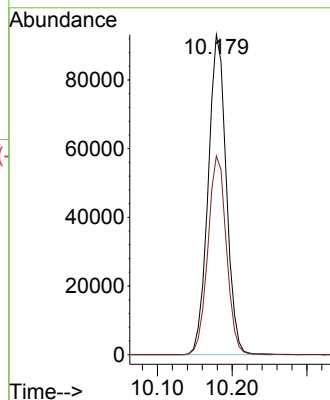
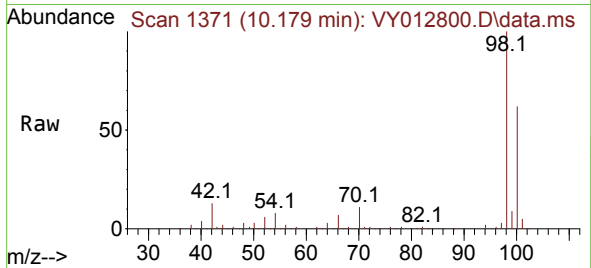




#50
Toluene-d8
Concen: 55.816 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

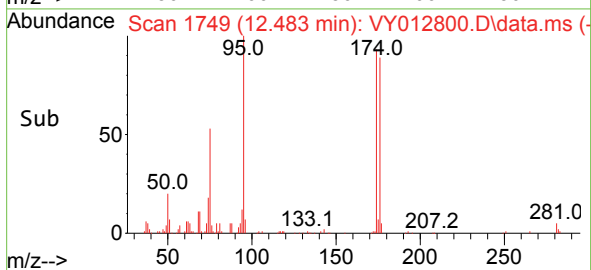
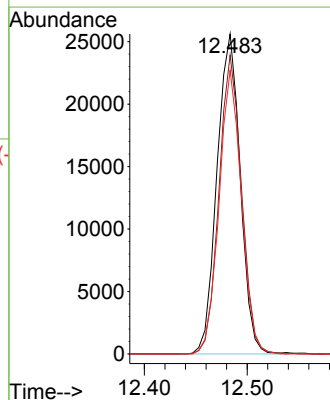
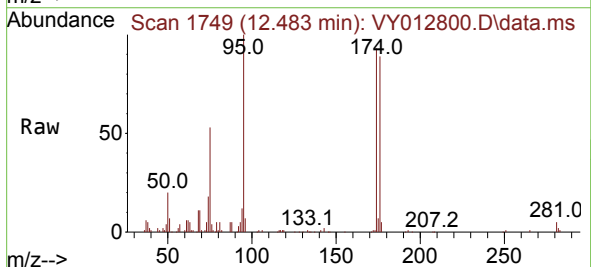
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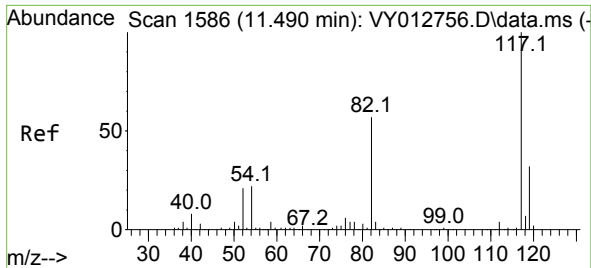
Tgt Ion: 98 Resp: 156748
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.296 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

Tgt Ion: 95 Resp: 40091
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.6
176 85.6 0.0 170.2

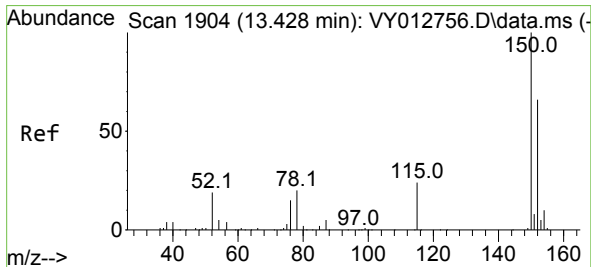
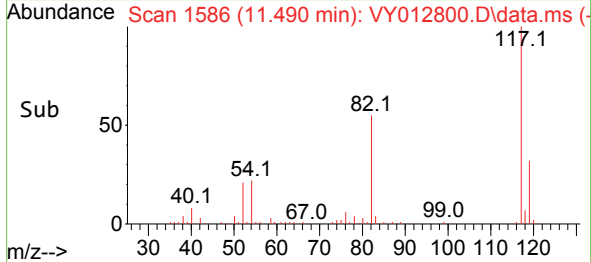
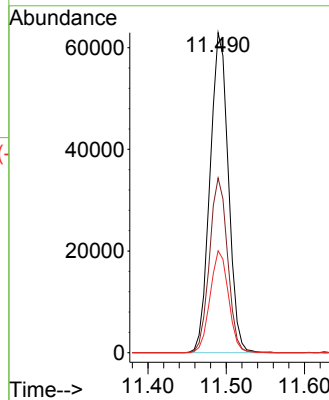
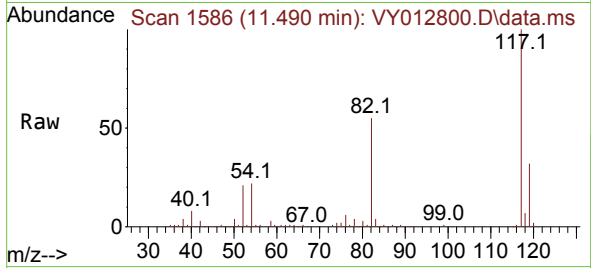




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

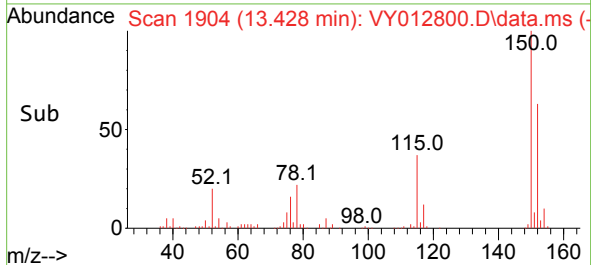
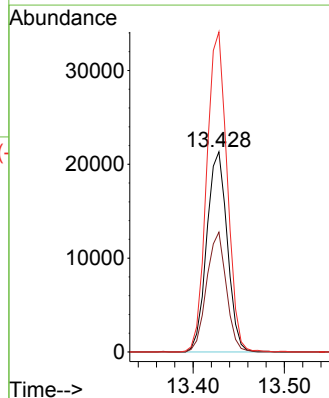
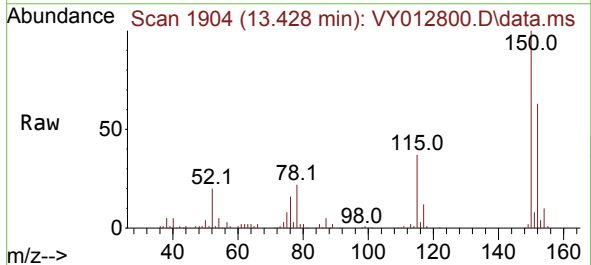
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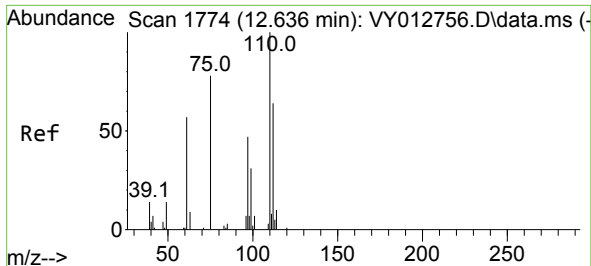
Tgt Ion:117 Resp: 102315
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

Tgt Ion:152 Resp: 33341
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 158.9 0.0 347.8

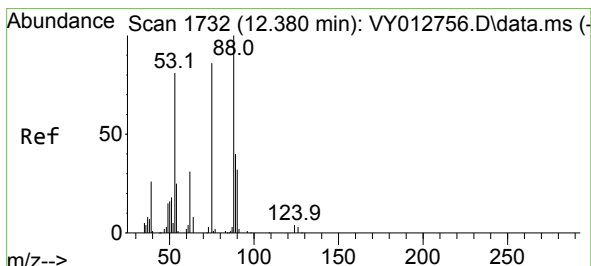
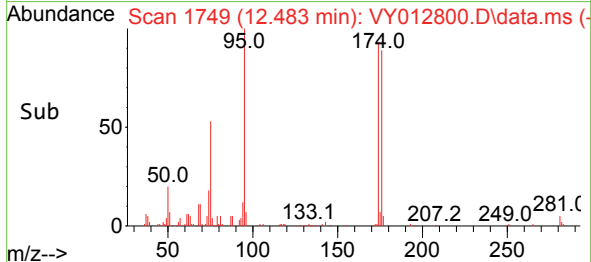
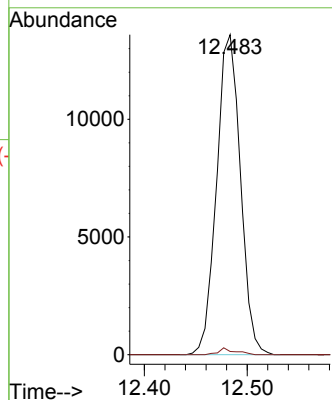
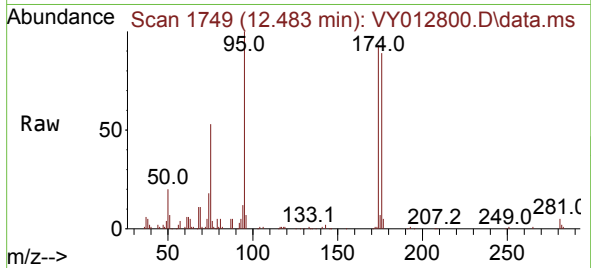




#76
1,2,3-Trichloropropane
Concen: 54.900 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :
CF-8

Tgt Ion: 75 Resp: 21858
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012800.D
Acq: 03 Mar 2023 16:49

Tgt Ion: 75 Resp: 21858
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

