

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012799.D
 Acq On : 03 Mar 2023 16:26
 Operator : KP/MD
 Sample : 01749-05
 Misc : 6.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-7

Quant Time: Mar 04 01:25:04 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)

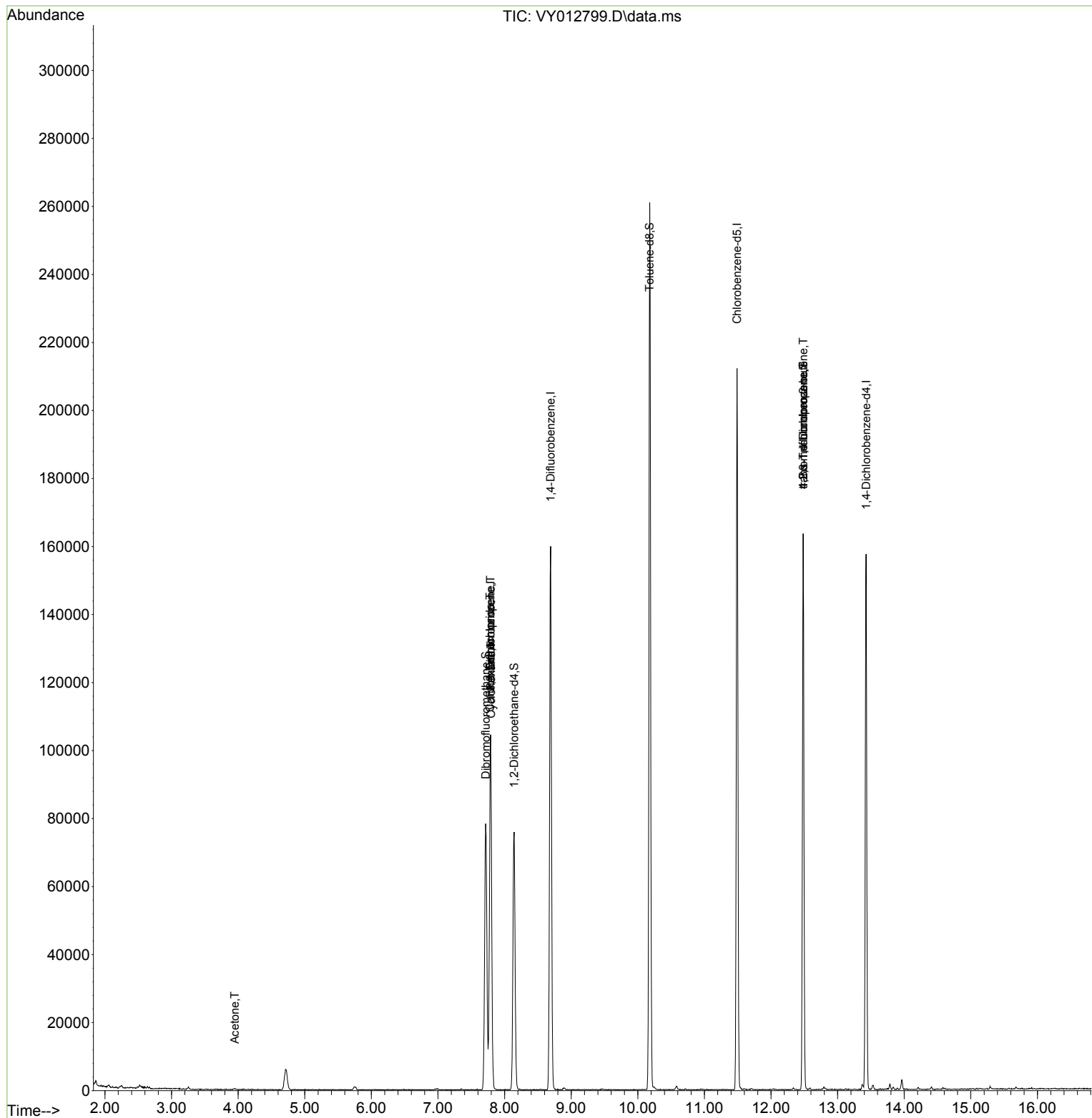
Internal Standards						
1) Pentafluorobenzene	7.789	168	82265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	133763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58862	72.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.140%	
35) Dibromofluoromethane	7.716	113	54336	67.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.620%	
50) Toluene-d8	10.179	98	169102	57.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.600%	
62) 4-Bromofluorobenzene	12.483	95	45455	45.633	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	472	1.472	ug/l	96
20) Methylene Chloride	4.716	84	4406	Below Cal		87
31) Cyclohexane	7.795	56	1748	1.117	ug/l #	12
36) 1,1-Dichloropropene	7.789	75	6004	4.438	ug/l #	50
38) Carbon Tetrachloride	7.783	117	8104	5.801	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	23615	49.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23615	101.956	ug/l #	13

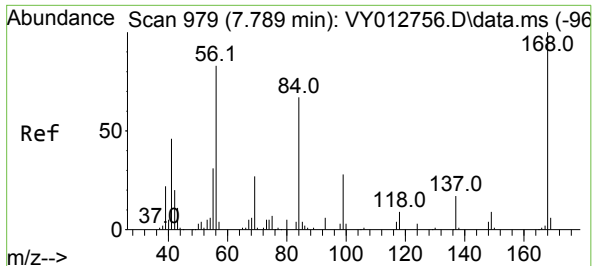
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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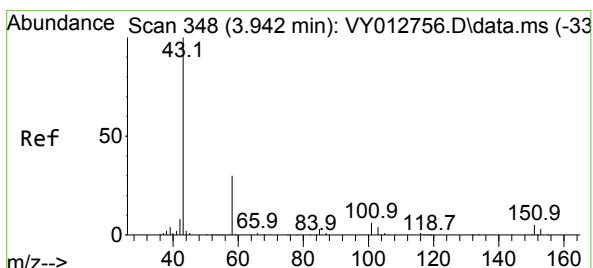
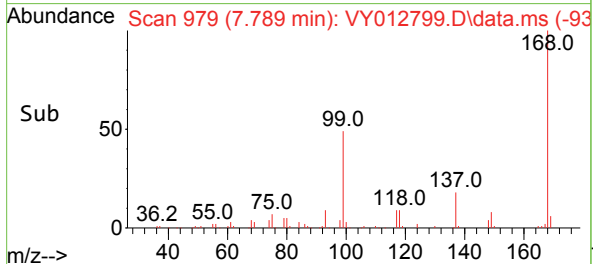
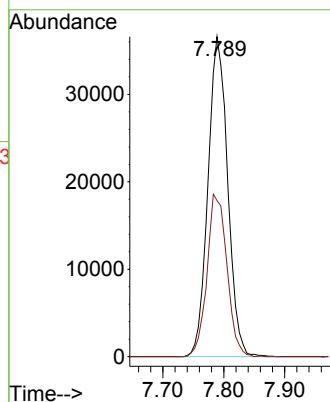
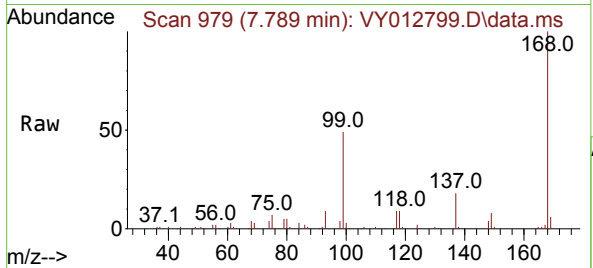




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

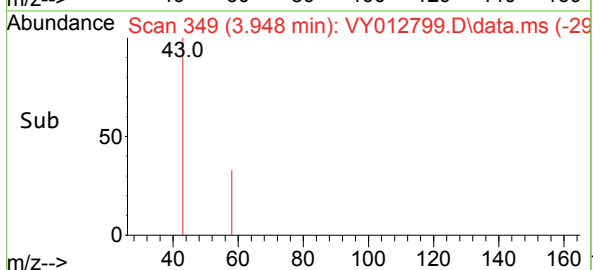
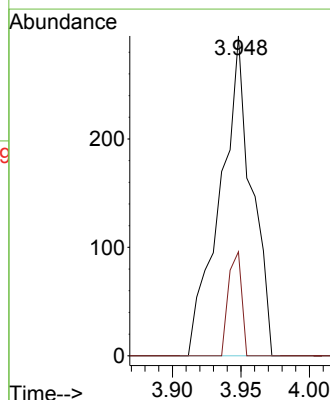
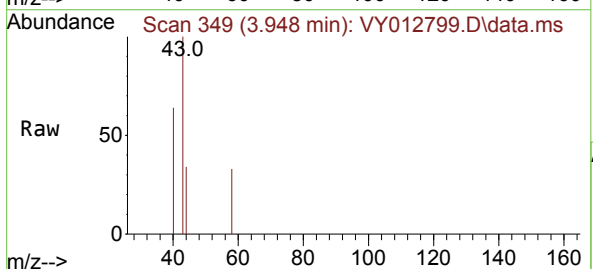
Instrument :
MSVOA_Y
ClientSampleId :
CF-7

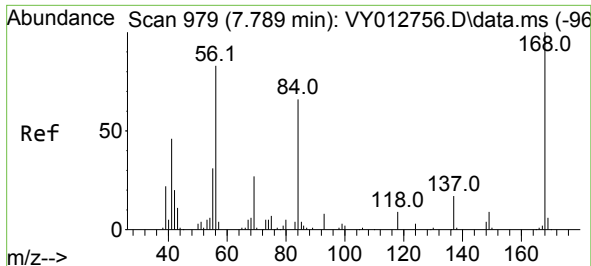
Tgt Ion:168 Resp: 82265
Ion Ratio Lower Upper
168 100
99 48.8 41.7 62.5



#16
Acetone
Concen: 1.472 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.2

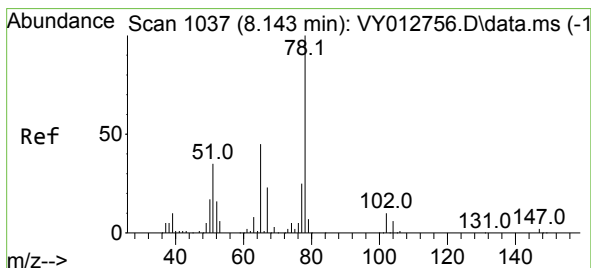
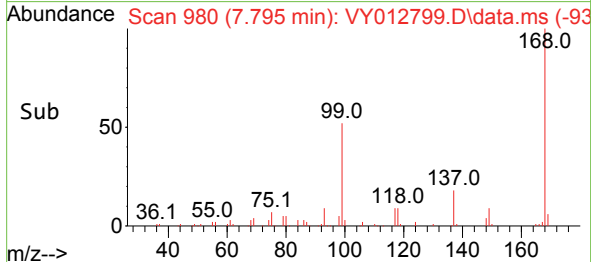
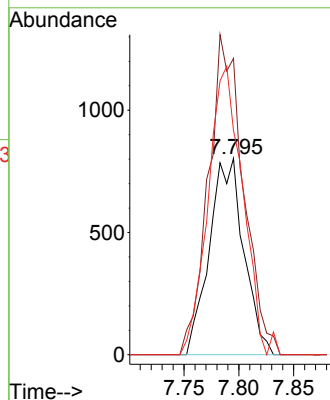
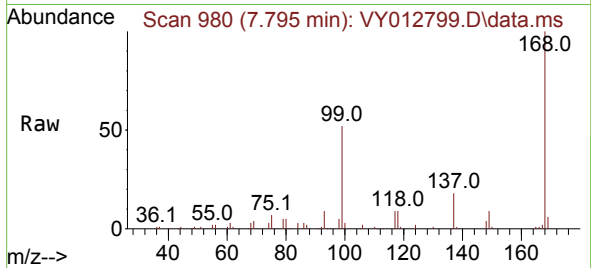




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

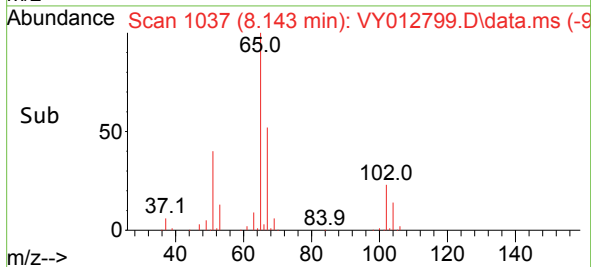
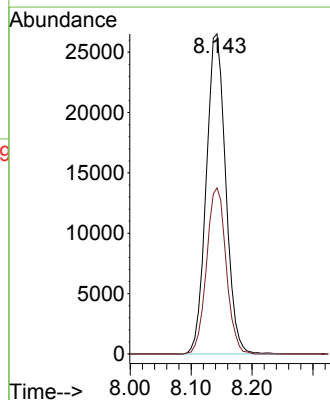
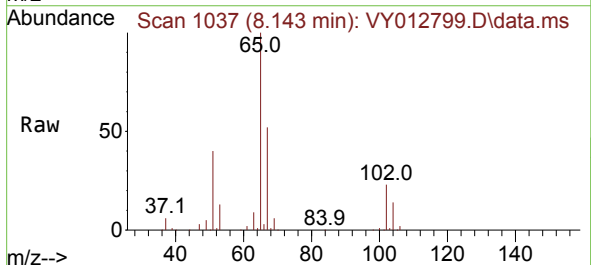
Instrument :
MSVOA_Y
ClientSampleId :
CF-7

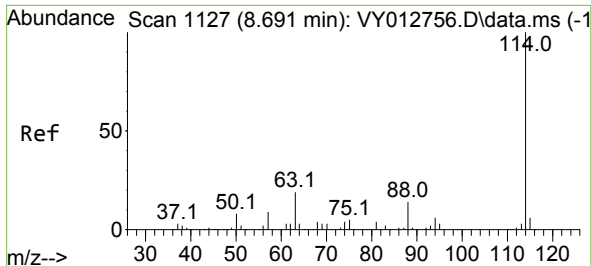
Tgt Ion: 56 Resp: 1748
Ion Ratio Lower Upper
56 100
69 150.9 25.7 38.5#
84 114.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 72.065 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

Tgt Ion: 65 Resp: 58862
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

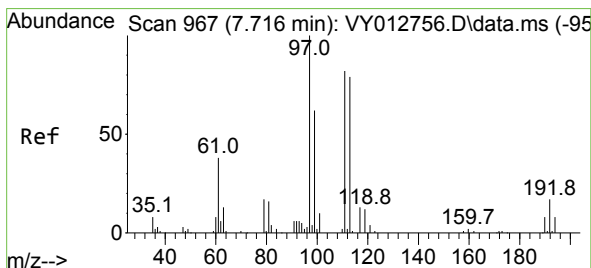
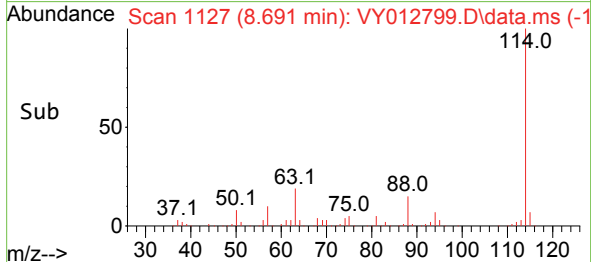
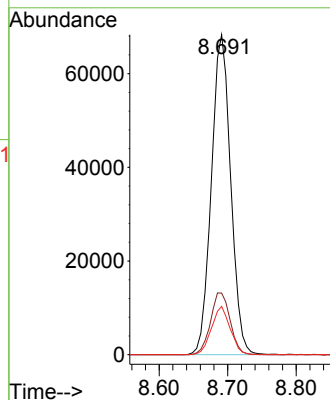
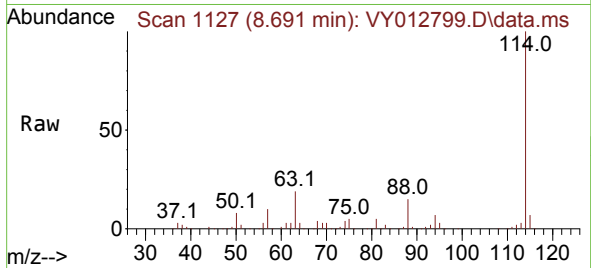




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

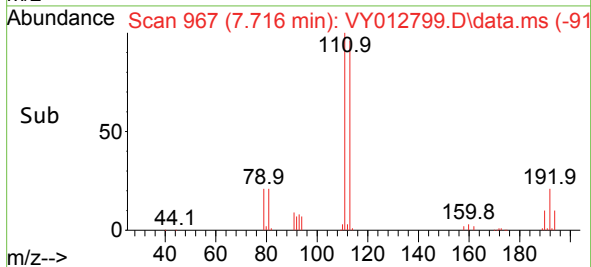
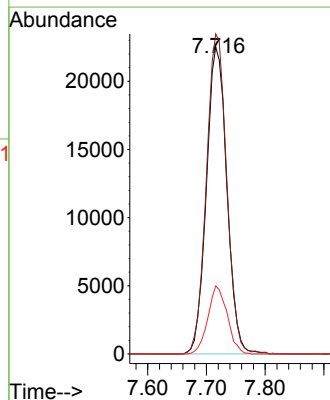
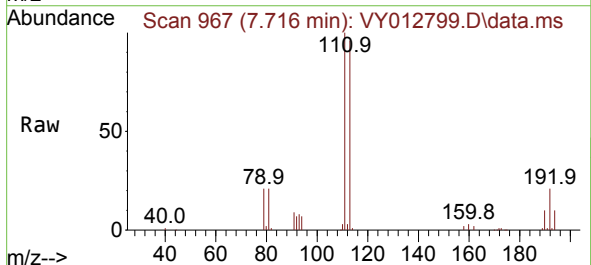
Instrument :
MSVOA_Y
ClientSampleId :
CF-7

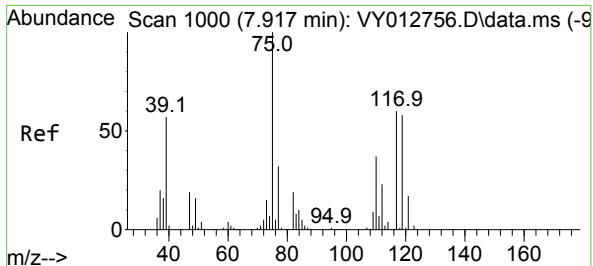
Tgt Ion:114 Resp: 133763
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 15.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 67.309 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

Tgt Ion:113 Resp: 54336
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 21.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.438 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012799.D

Acq: 03 Mar 2023 16:26

Instrument :

MSVOA_Y

ClientSampleId :

CF-7

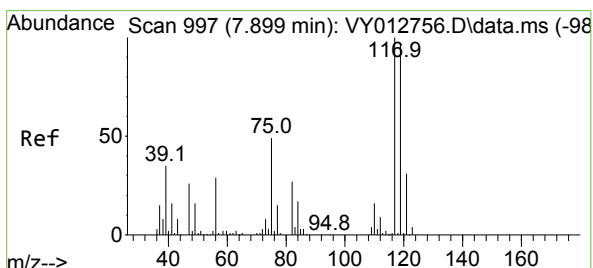
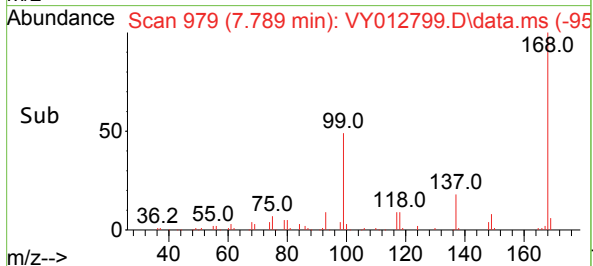
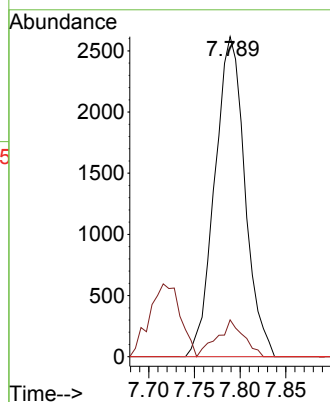
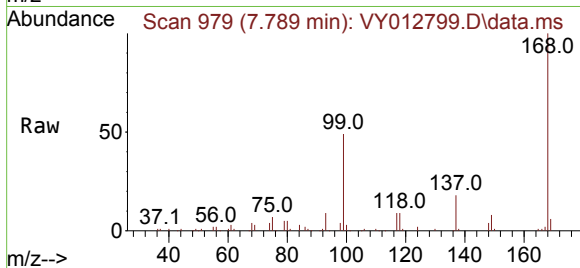
Tgt Ion: 75 Resp: 6004

Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012799.D

Acq: 03 Mar 2023 16:26

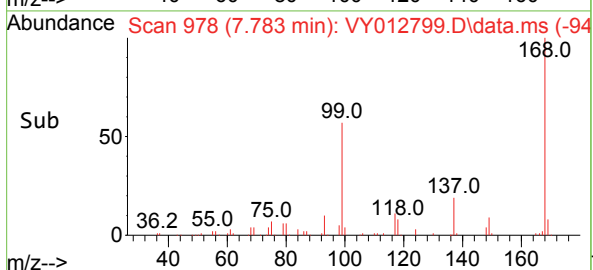
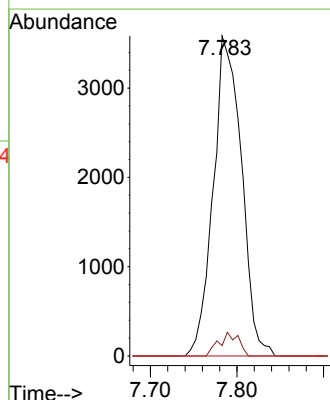
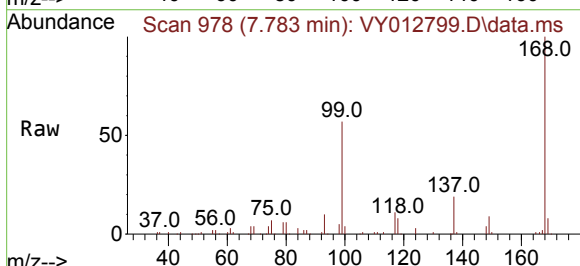
Tgt Ion: 117 Resp: 8104

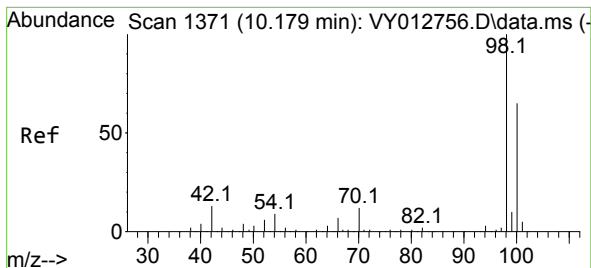
Ion Ratio Lower Upper

117 100

119 3.2 77.2 115.8#

121 0.0 24.7 37.1#

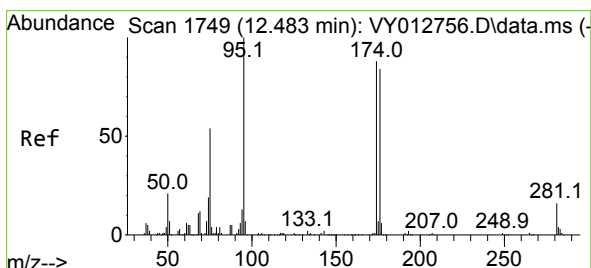
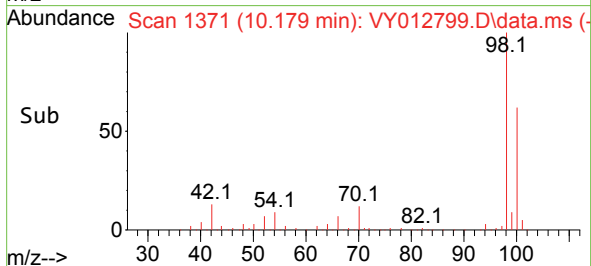
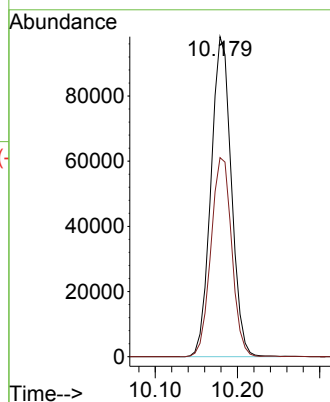
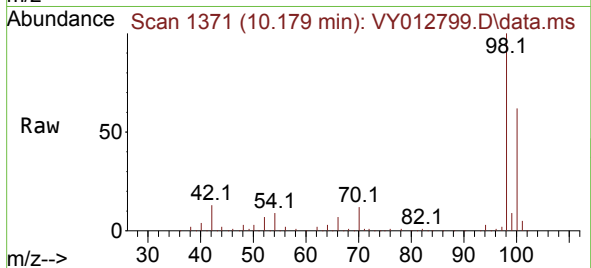




#50
Toluene-d8
Concen: 57.300 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

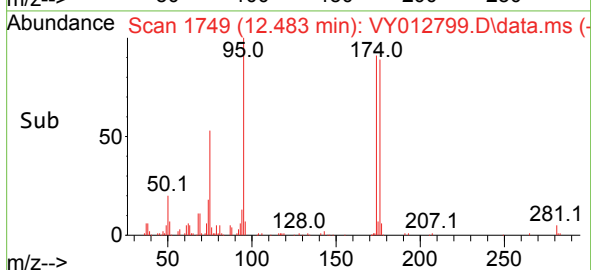
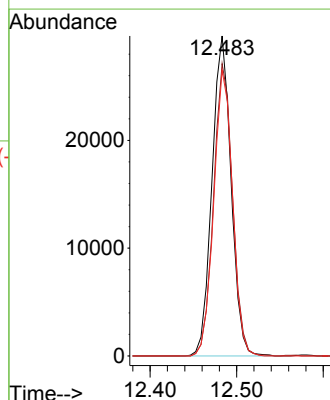
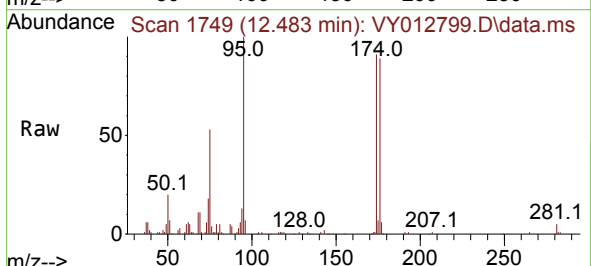
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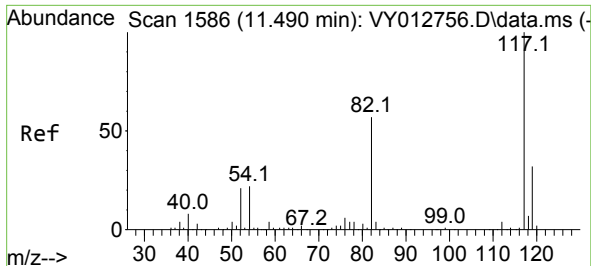
Tgt Ion: 98 Resp: 169102
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.633 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

Tgt Ion: 95 Resp: 45455
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.6
176 87.9 0.0 170.2

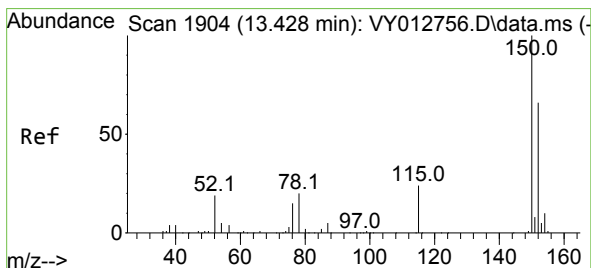
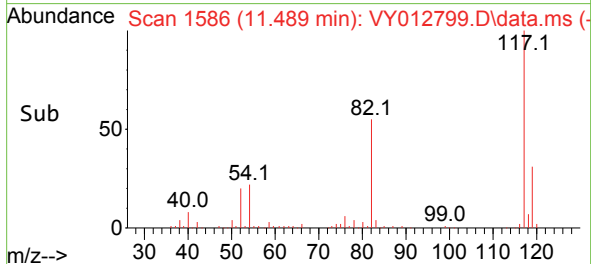
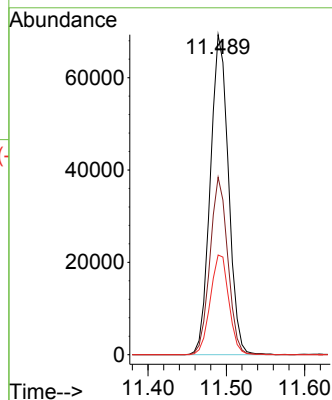
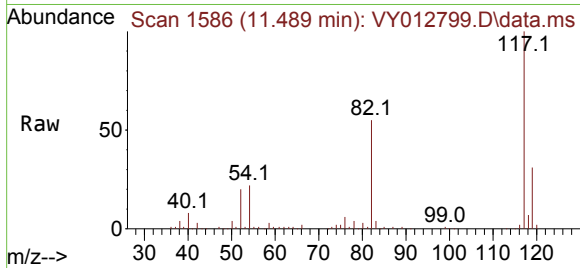




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 111378
Delta R.T. -0.000 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

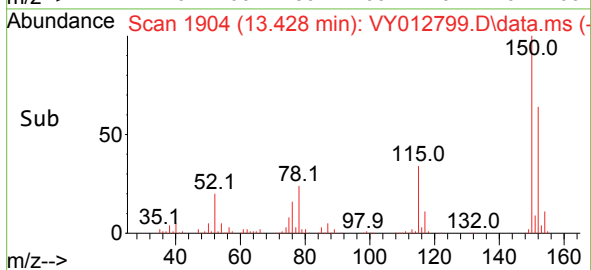
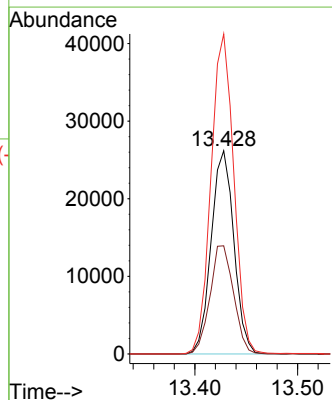
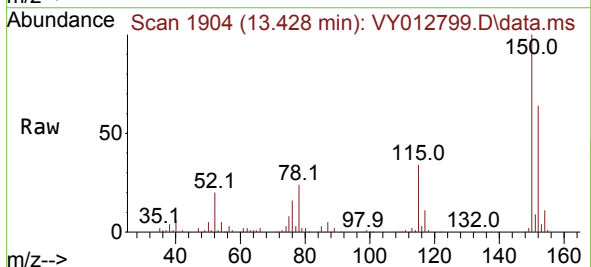
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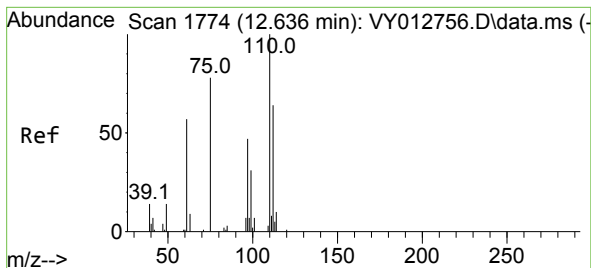
Tgt Ion:117 Resp: 111378
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

Tgt Ion:152 Resp: 40189
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 157.8 0.0 347.8

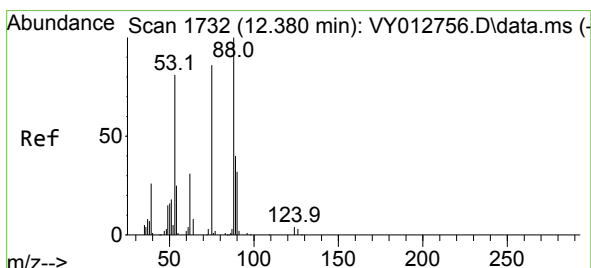
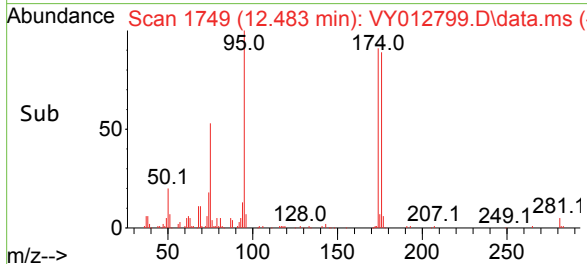
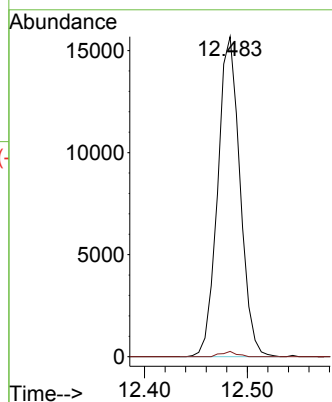
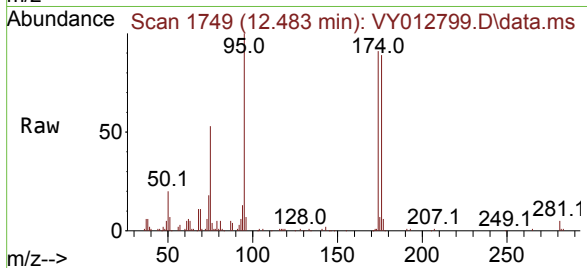




#76
1,2,3-Trichloropropane
Concen: 49.206 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

Instrument :
MSVOA_Y
ClientSampleId :
CF-7

Tgt Ion: 75 Resp: 23615
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012799.D
Acq: 03 Mar 2023 16:26

Tgt Ion: 75 Resp: 23615
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

