

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012806.D
 Acq On : 03 Mar 2023 19:05
 Operator : KP/MD
 Sample : 01749-12
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-14

Quant Time: Mar 04 01:27:09 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)

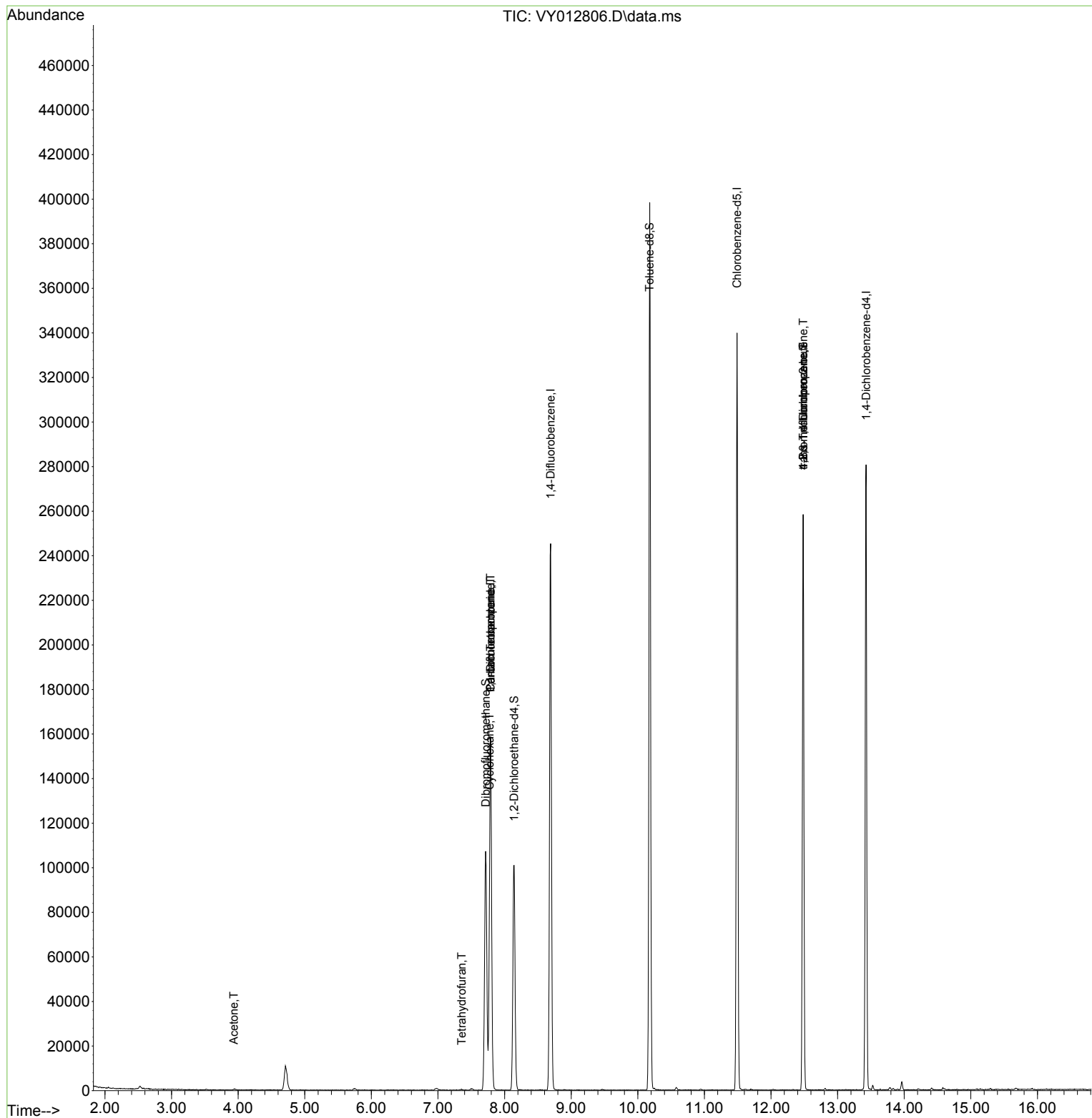
Internal Standards						
1) Pentafluorobenzene	7.789	168	124741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79228	63.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.940%			
35) Dibromofluoromethane	7.716	113	74316	59.184	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.360%			
50) Toluene-d8	10.179	98	249605	54.374	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.740%			
62) 4-Bromofluorobenzene	12.483	95	73295	47.305	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.600%			
Target Compounds						Qvalue
16) Acetone	3.936	43	594	1.222	ug/l #	40
20) Methylene Chloride	4.710	84	7541	Below Cal		92
29) Tetrahydrofuran	7.356	42	442	1.217	ug/l #	43
31) Cyclohexane	7.777	56	2570	1.083	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	9542	4.535	ug/l #	49
38) Carbon Tetrachloride	7.789	117	12219	5.623	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	39093	45.303	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39093	93.869	ug/l #	13

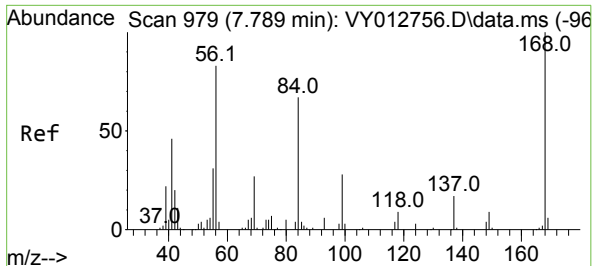
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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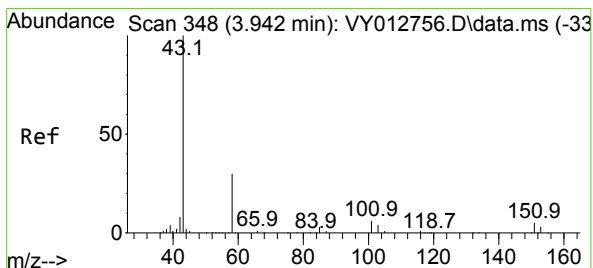
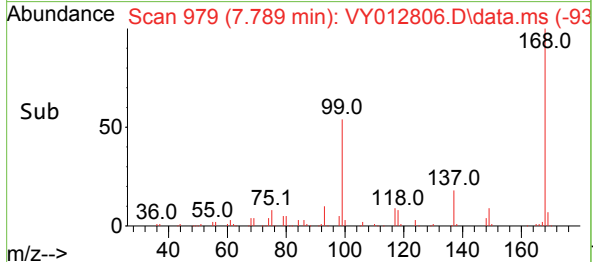
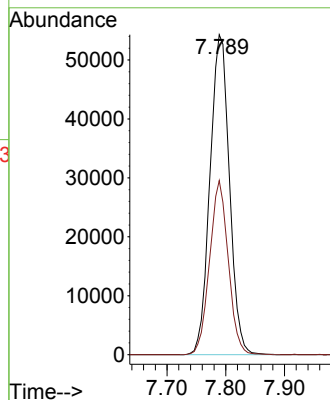
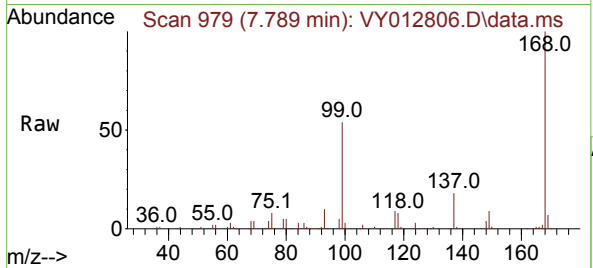




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

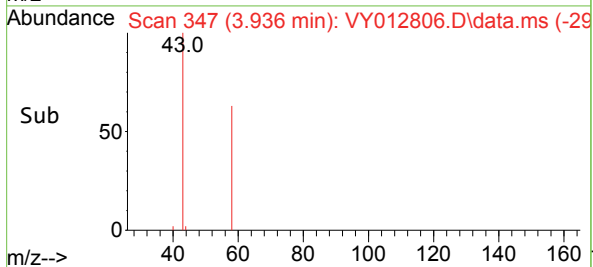
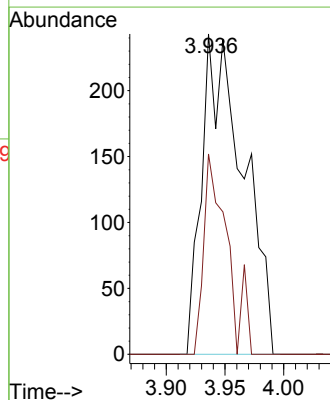
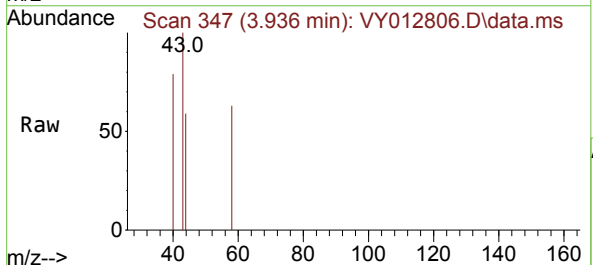
Instrument :
MSVOA_Y
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CF-14

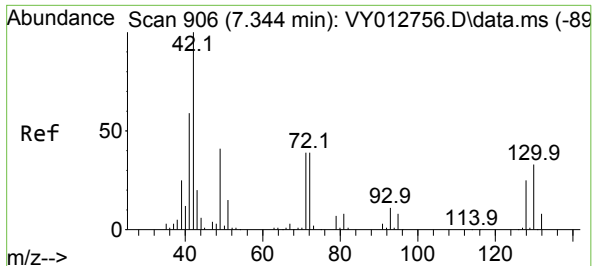
Tgt Ion:168 Resp: 124741
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#16
Acetone
Concen: 1.222 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Tgt Ion: 43 Resp: 594
Ion Ratio Lower Upper
43 100
58 62.6 24.2 36.2#





#29

Tetrahydrofuran

Concen: 1.217 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY012806.D

Acq: 03 Mar 2023 19:05

Instrument :

MSVOA_Y

ClientSampleId :

CF-14

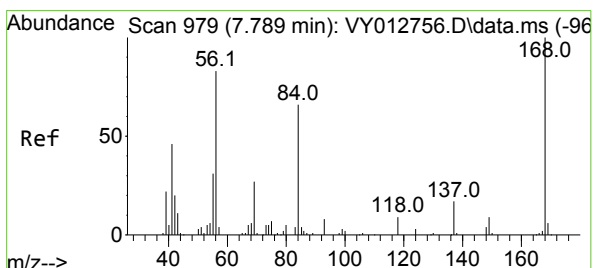
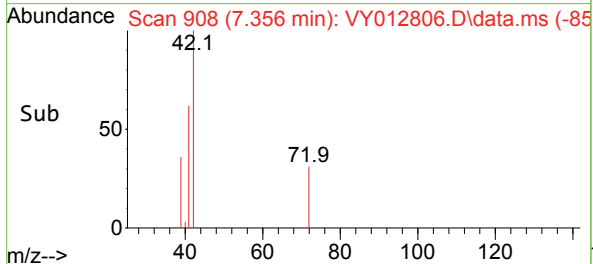
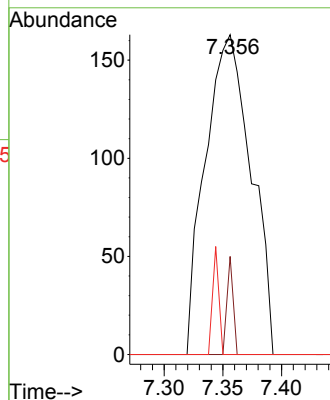
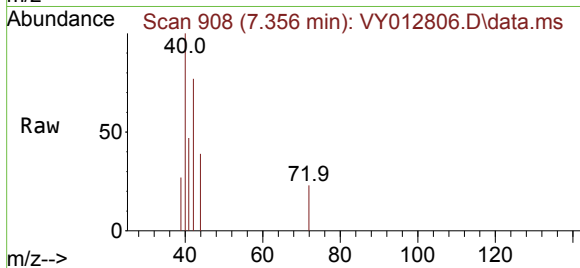
Tgt Ion: 42 Resp: 442

Ion Ratio Lower Upper

42 100

72 4.1 32.3 48.5#

71 4.5 30.3 45.5#



#31

Cyclohexane

Concen: 1.083 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.012 min

Lab File: VY012806.D

Acq: 03 Mar 2023 19:05

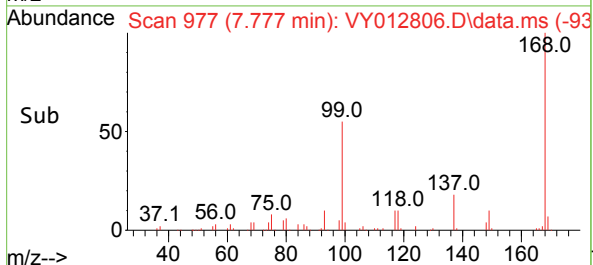
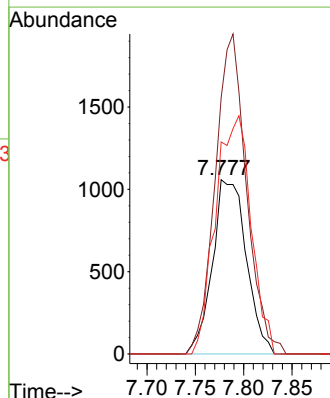
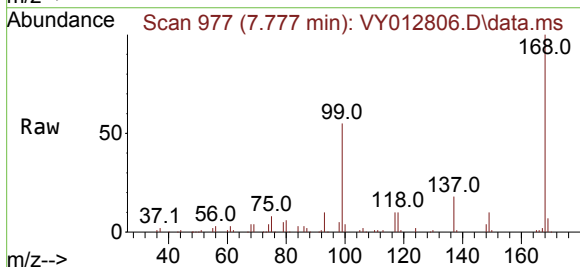
Tgt Ion: 56 Resp: 2570

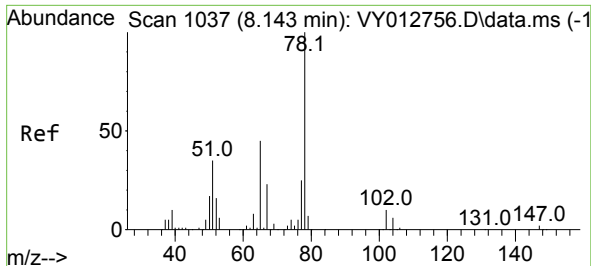
Ion Ratio Lower Upper

56 100

69 147.0 25.7 38.5#

84 121.6 64.3 96.5#

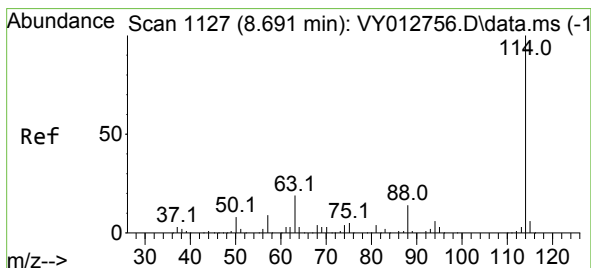
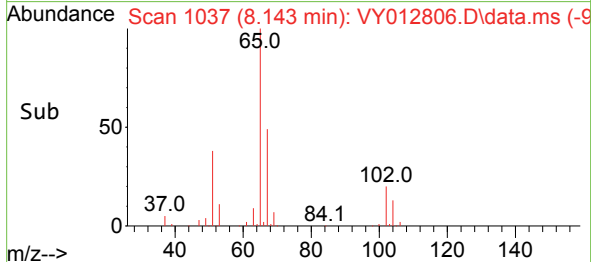
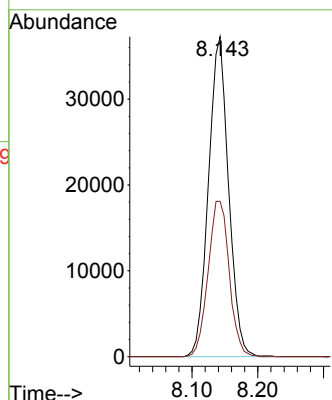
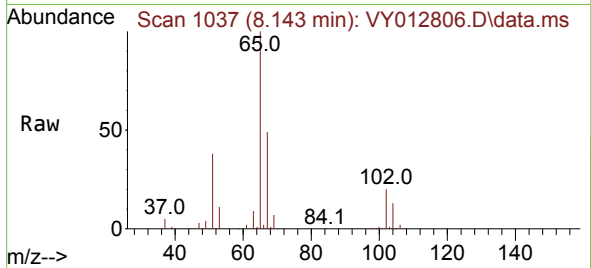




#33
 1,2-Dichloroethane-d4
 Concen: 63.970 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012806.D
 Acq: 03 Mar 2023 19:05

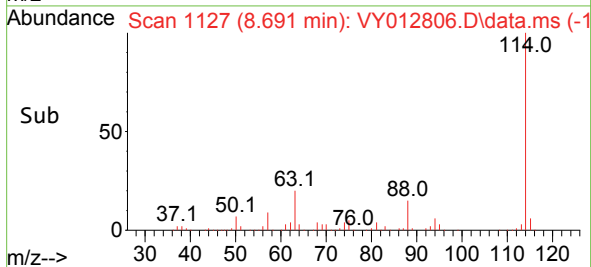
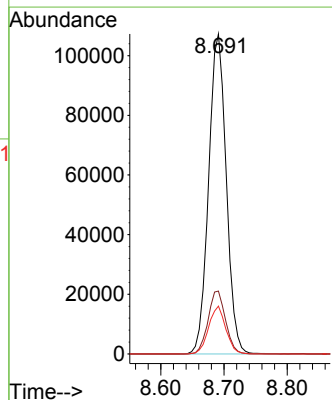
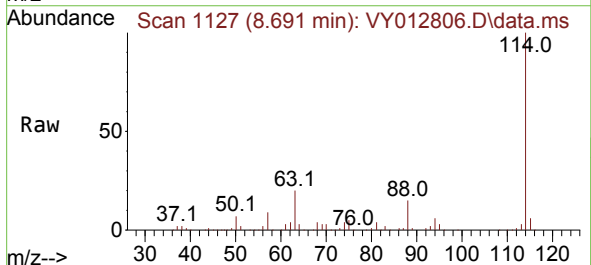
Instrument :
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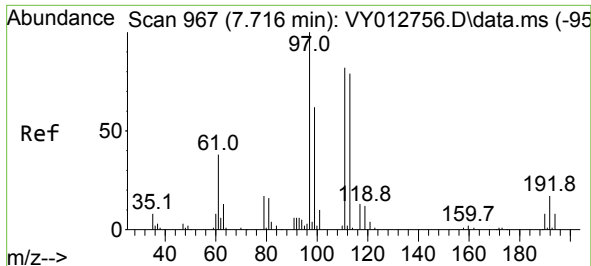
Tgt Ion: 65 Resp: 79228
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012806.D
 Acq: 03 Mar 2023 19:05

Tgt Ion: 114 Resp: 208067
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.9 0.0 28.6

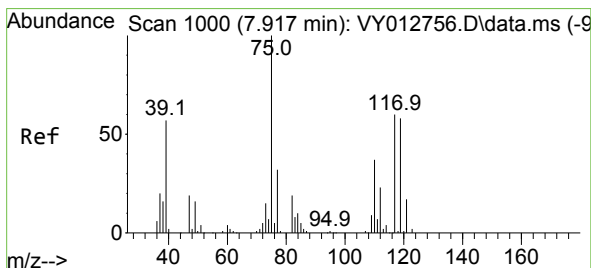
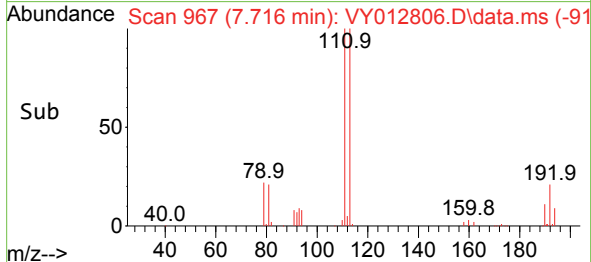
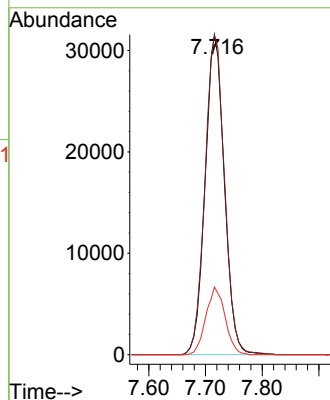
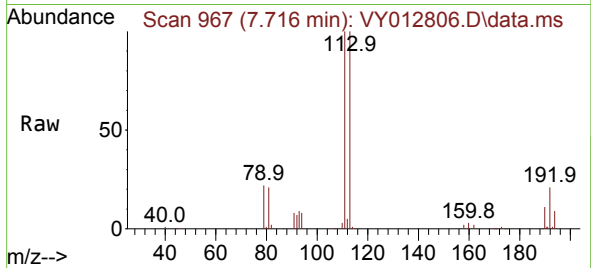




#35
Dibromofluoromethane
Concen: 59.184 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

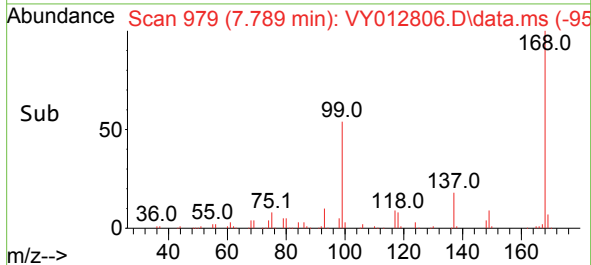
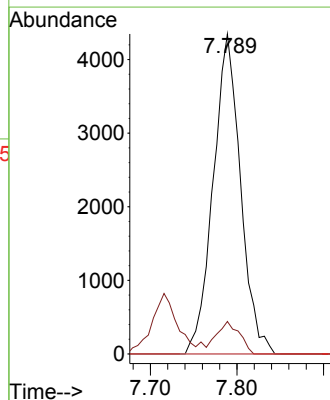
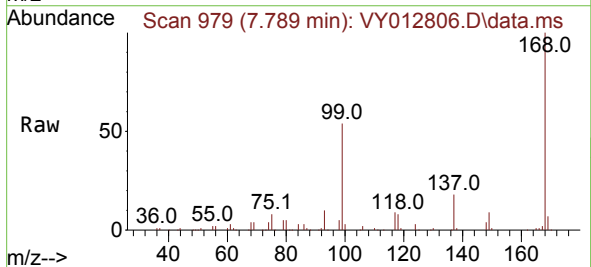
Instrument :
MSVOA_Y
ClientSampleId :
CF-14

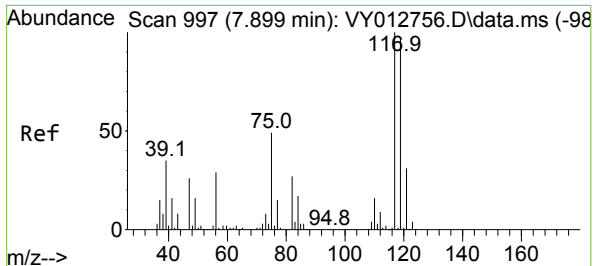
Tgt Ion:113 Resp: 74316
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

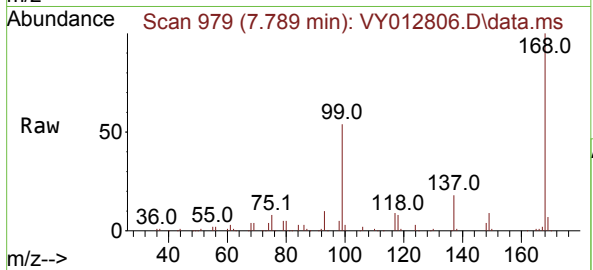
Tgt Ion: 75 Resp: 9542
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#



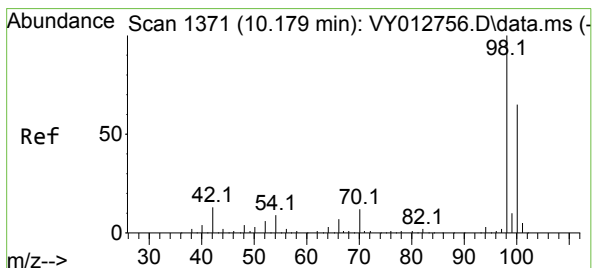
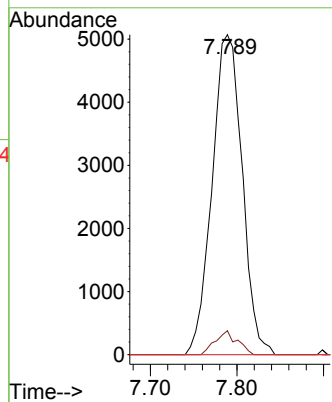
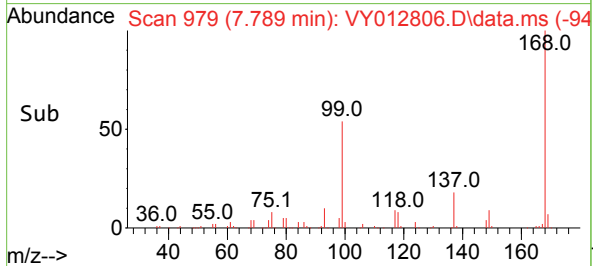


#38
Carbon Tetrachloride
Concen: 5.623 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Instrument :
MSVOA_Y
ClientSampleId :
CF-14

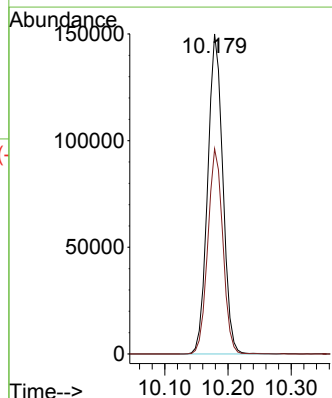
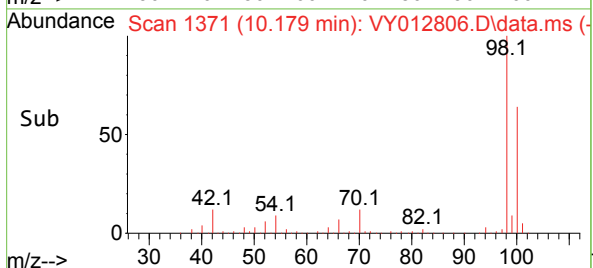
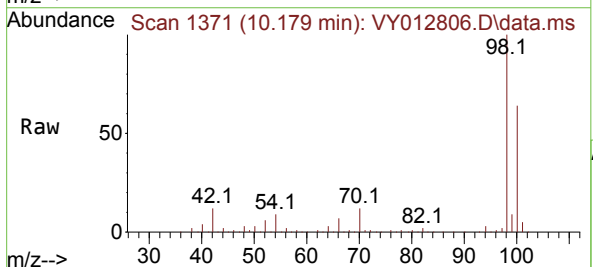


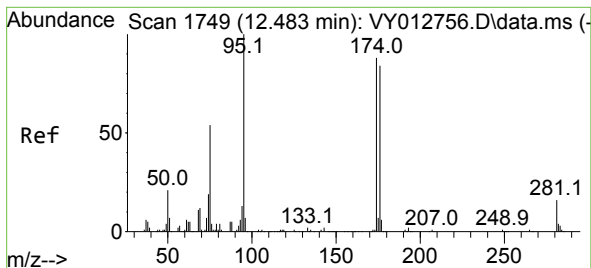
Tgt Ion:117 Resp: 12219
Ion Ratio Lower Upper
117 100
119 7.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.374 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Tgt Ion: 98 Resp: 249605
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

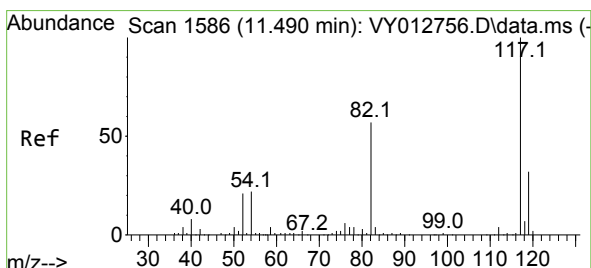
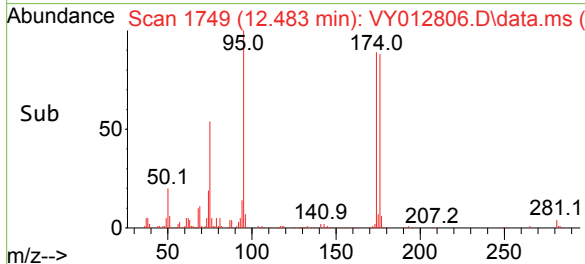
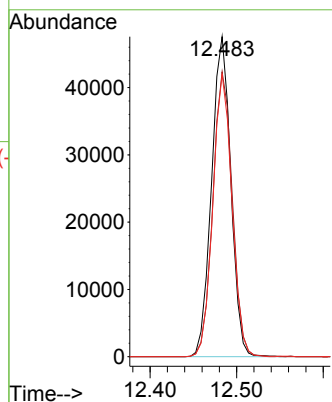
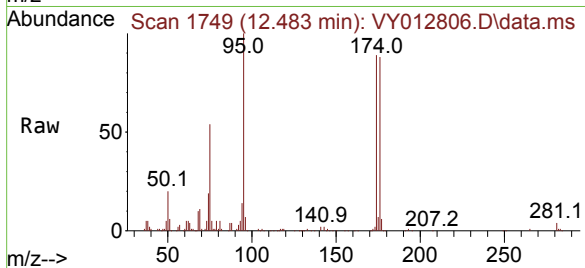




#62
4-Bromofluorobenzene
Concen: 47.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

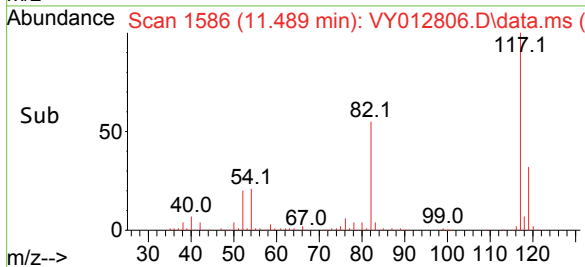
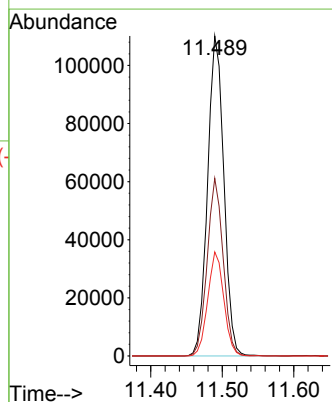
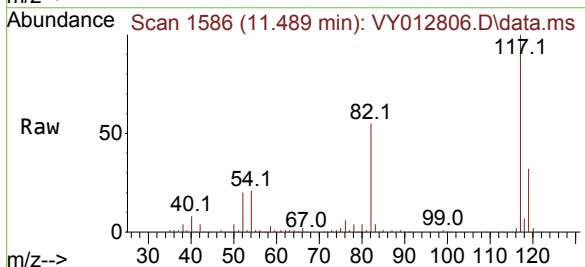
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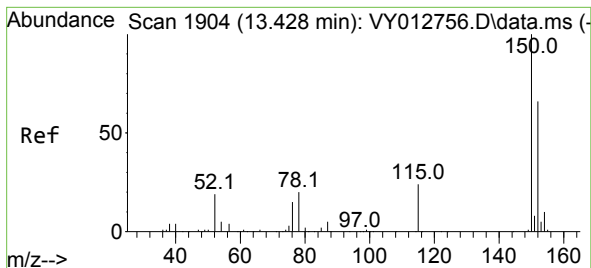
Tgt Ion: 95 Resp: 73295
Ion Ratio Lower Upper
95 100
174 90.3 0.0 176.6
176 87.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Tgt Ion: 117 Resp: 173971
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.5 25.6 38.4

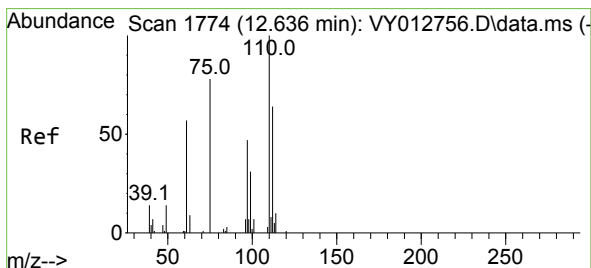
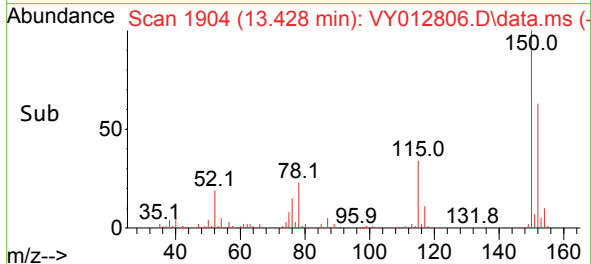
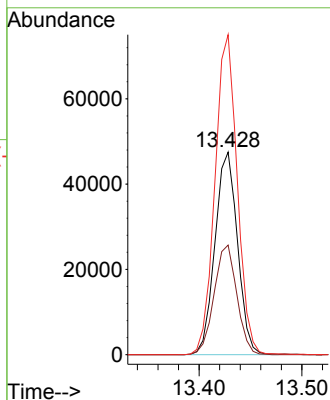
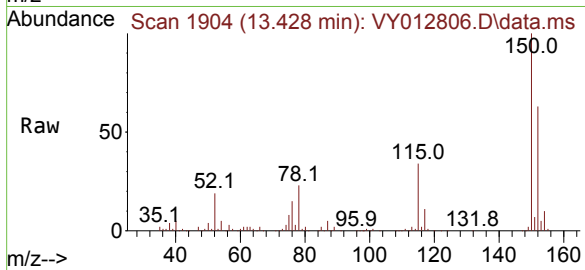




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012806.D
 Acq: 03 Mar 2023 19:05

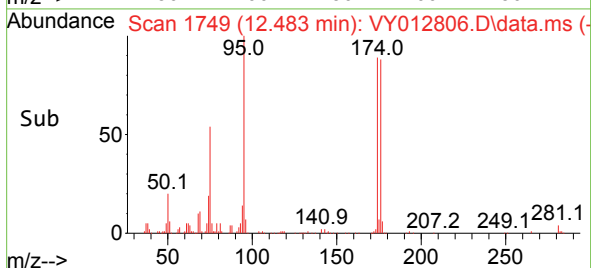
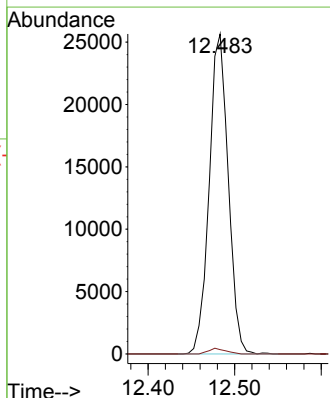
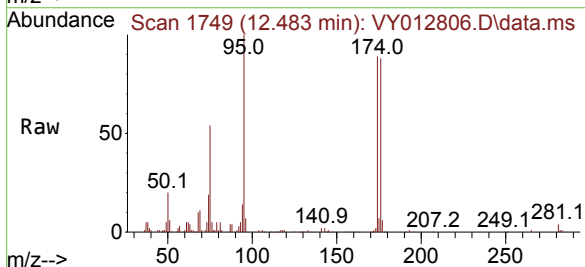
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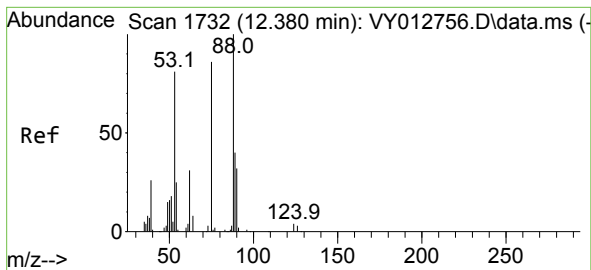
Tgt Ion:152 Resp: 72262
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.1 81.3
 150 156.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 45.303 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012806.D
 Acq: 03 Mar 2023 19:05

Tgt Ion: 75 Resp: 39093
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.869 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012806.D
 Acq: 03 Mar 2023 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-14

Tgt Ion: 75 Resp: 39093
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.0#
 89 0.0 36.6 55.0#

