

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012803.D
 Acq On : 03 Mar 2023 17:57
 Operator : KP/MD
 Sample : 01749-09
 Misc : 6.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-11

Quant Time: Mar 04 01:26:14 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)

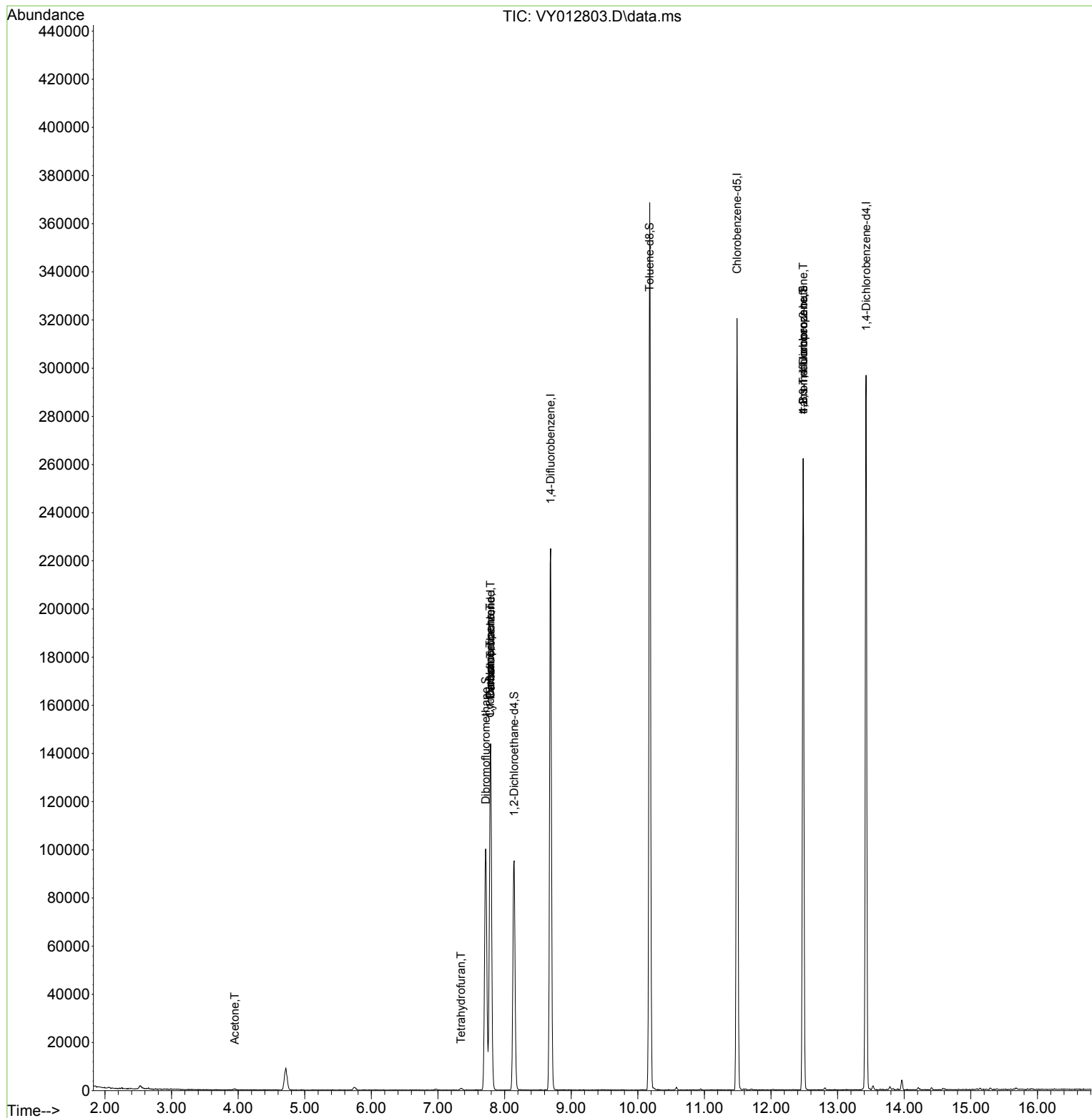
Internal Standards						
1) Pentafluorobenzene	7.789	168	113976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	166301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74839	66.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.260%	
35) Dibromofluoromethane	7.716	113	70351	61.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.580%	
50) Toluene-d8	10.179	98	238612	57.328	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.660%	
62) 4-Bromofluorobenzene	12.483	95	73526	52.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.680%	
Target Compounds						
11) Tert butyl alcohol	4.948	59	41	Below Cal	#	74
16) Acetone	3.948	43	686	1.544	ug/l	98
20) Methylene Chloride	4.716	84	6434	Below Cal		96
29) Tetrahydrofuran	7.344	42	644	1.941	ug/l #	73
31) Cyclohexane	7.783	56	2406	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8620	4.518	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10575	5.367	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	39541	42.731	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39541	88.540	ug/l #	13

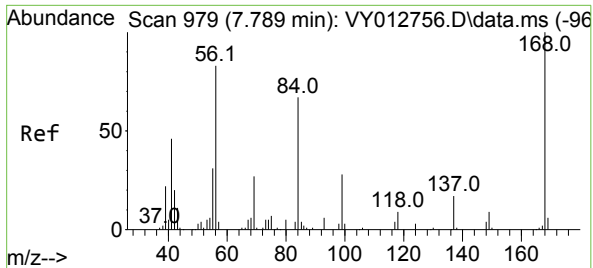
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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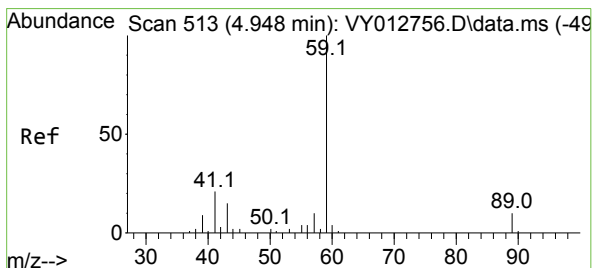
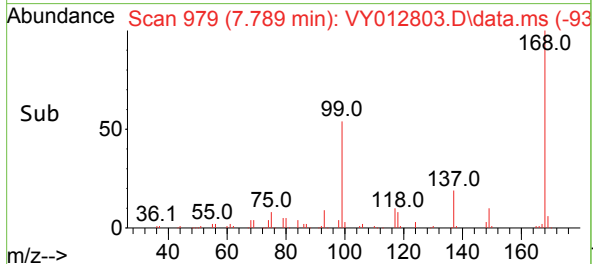
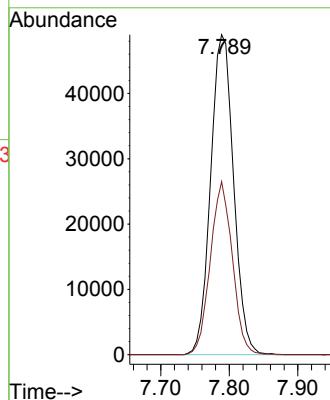
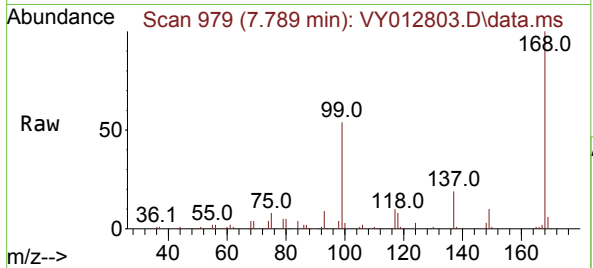




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

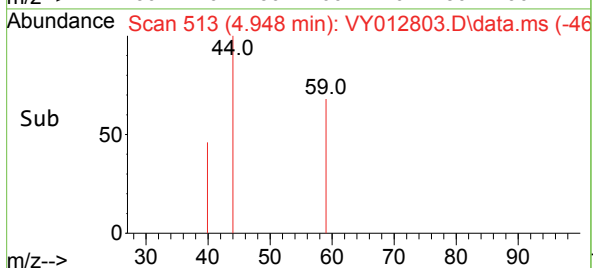
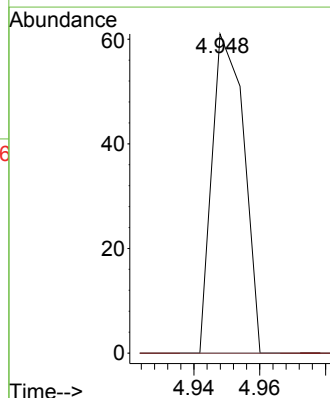
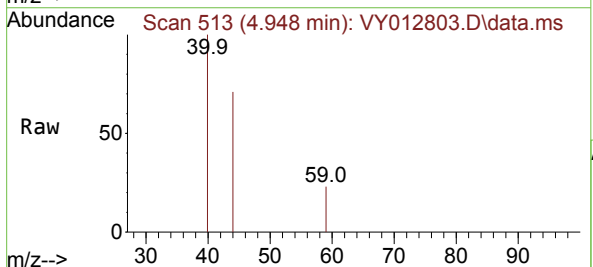
Instrument :
MSVOA_Y
ClientSampleId :
CF-11

Tgt Ion:168 Resp: 113976
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

Tgt Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.544 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY012803.D

Acq: 03 Mar 2023 17:57

Instrument :

MSVOA_Y

ClientSampleId :

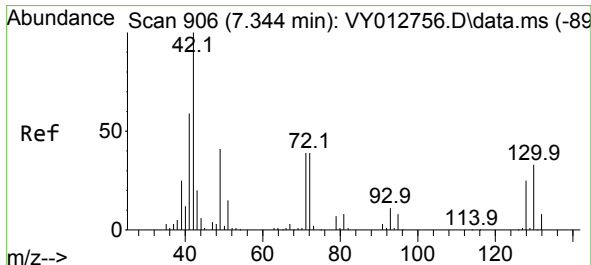
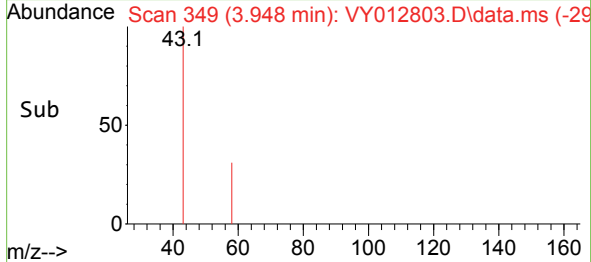
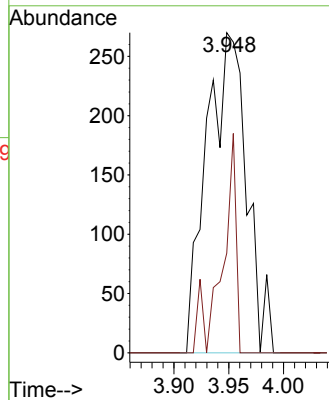
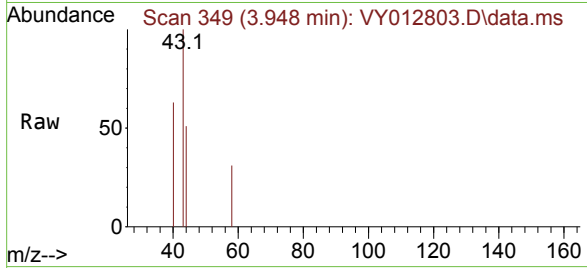
CF-11

Tgt Ion: 43 Resp: 686

Ion Ratio Lower Upper

43 100

58 31.1 24.2 36.2



#29

Tetrahydrofuran

Concen: 1.941 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012803.D

Acq: 03 Mar 2023 17:57

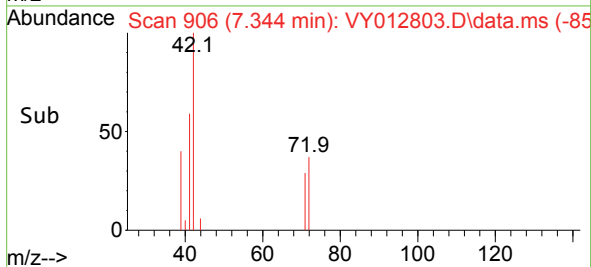
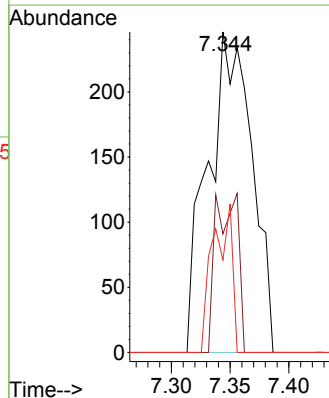
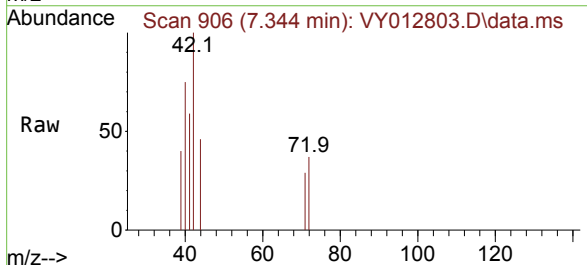
Tgt Ion: 42 Resp: 644

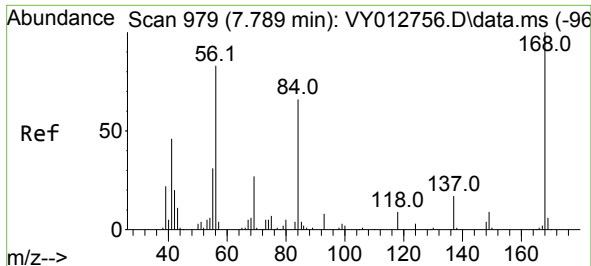
Ion Ratio Lower Upper

42 100

72 25.0 32.3 48.5#

71 20.0 30.3 45.5#

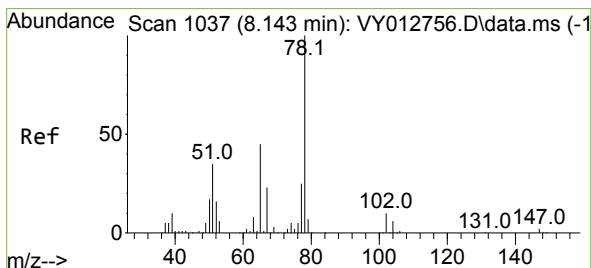
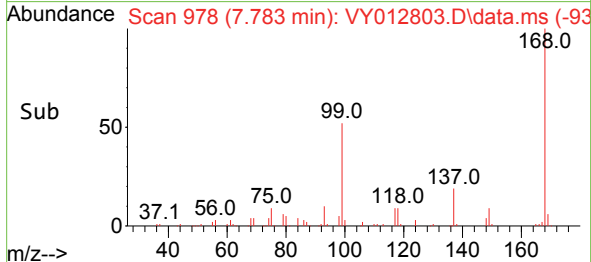
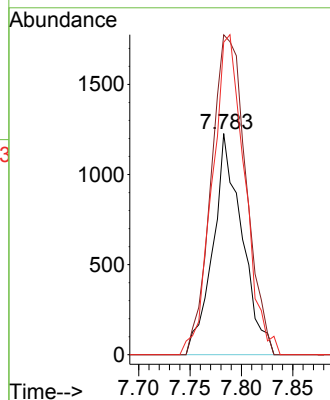
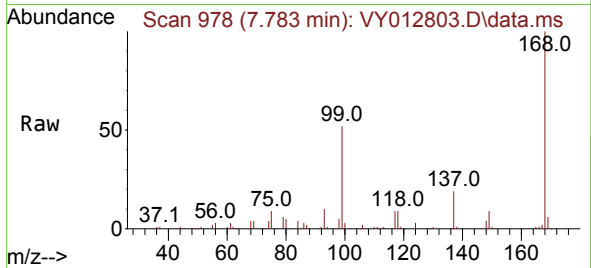




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

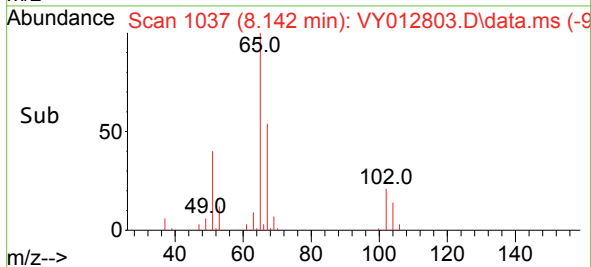
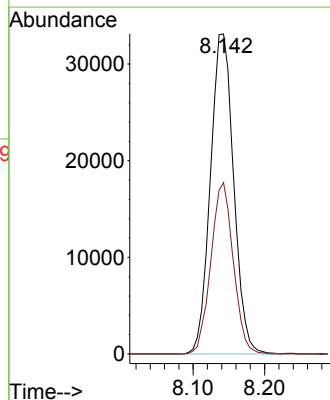
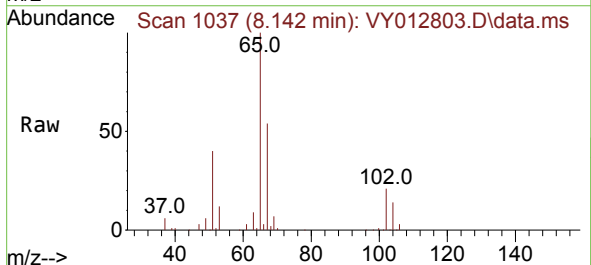
Instrument :
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ClientSampleId :
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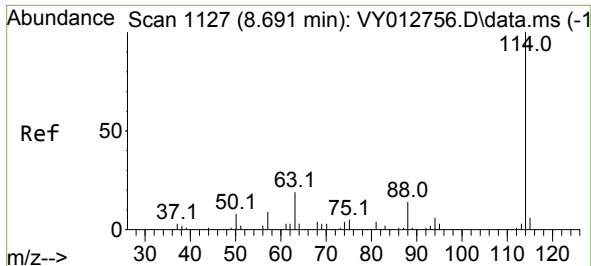
Tgt Ion: 56 Resp: 2406
Ion Ratio Lower Upper
56 100
69 144.7 25.7 38.5#
84 141.3 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 66.134 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

Tgt Ion: 65 Resp: 74839
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

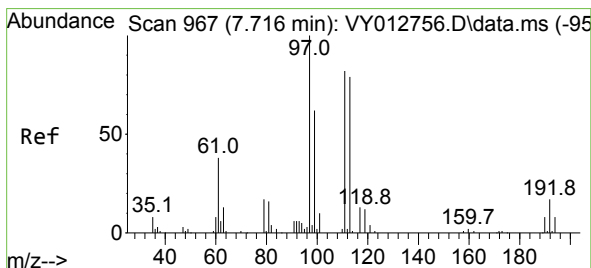
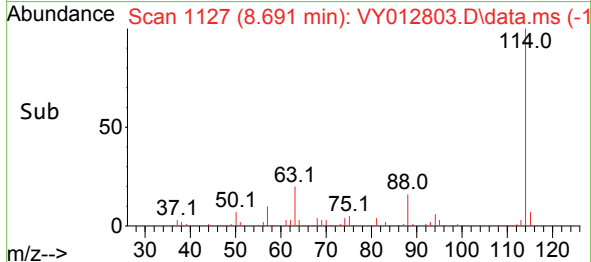
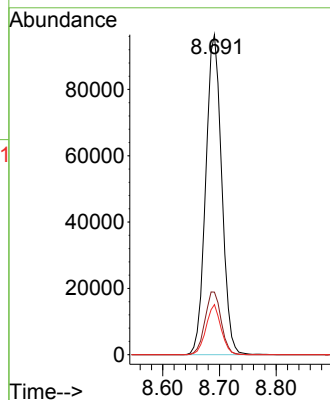
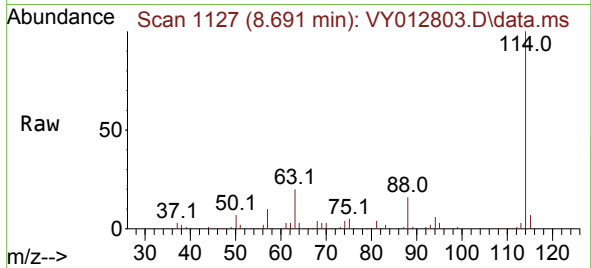




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

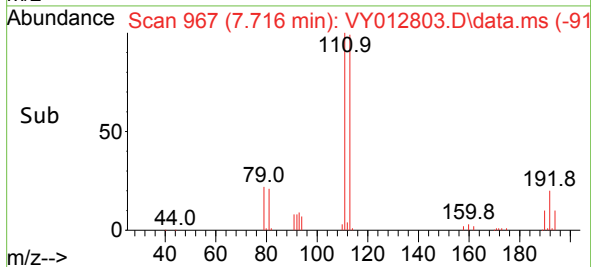
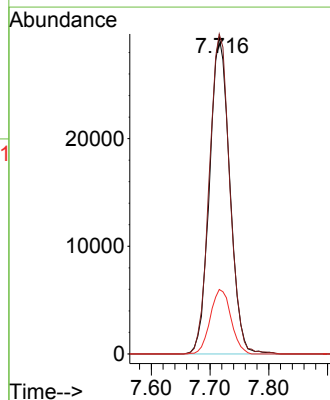
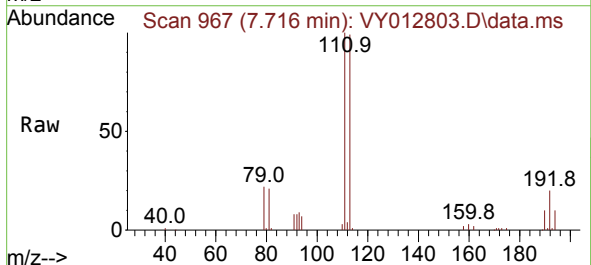
Instrument :
MSVOA_Y
ClientSampleId :
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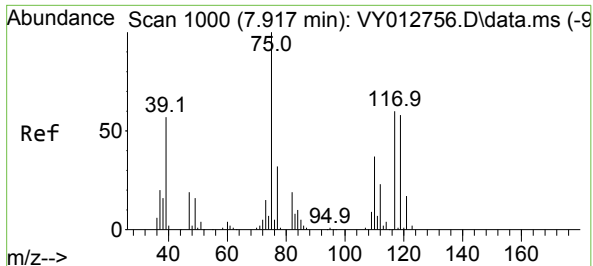
Tgt Ion:114 Resp: 188654
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.4
88 15.6 0.0 28.6



#35
Dibromofluoromethane
Concen: 61.791 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

Tgt Ion:113 Resp: 70351
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.9 16.8 25.2

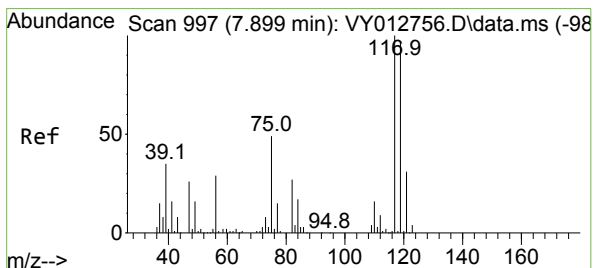
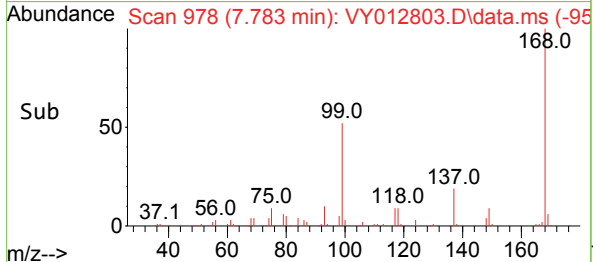
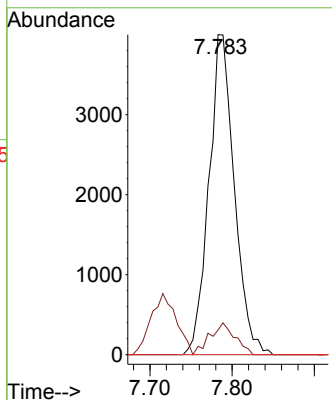
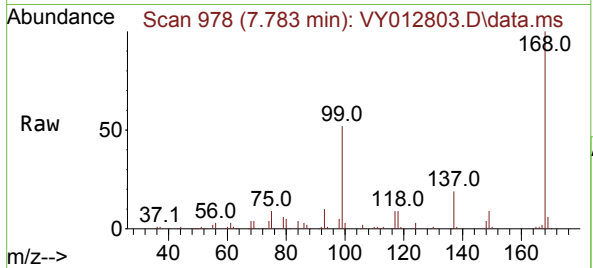




#36
 1,1-Dichloropropene
 Concen: 4.518 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY012803.D
 Acq: 03 Mar 2023 17:57

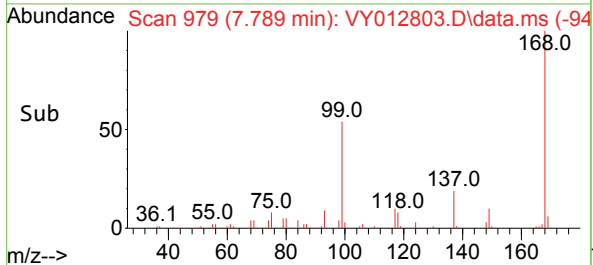
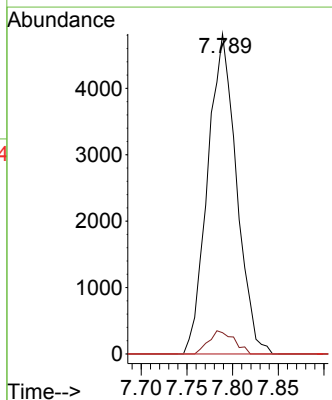
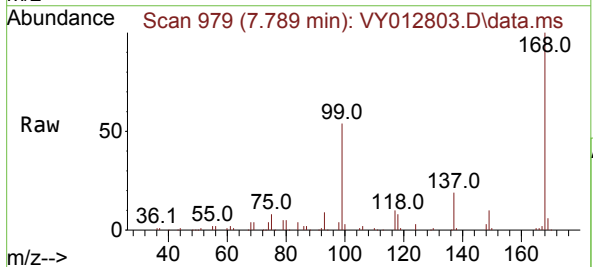
Instrument :
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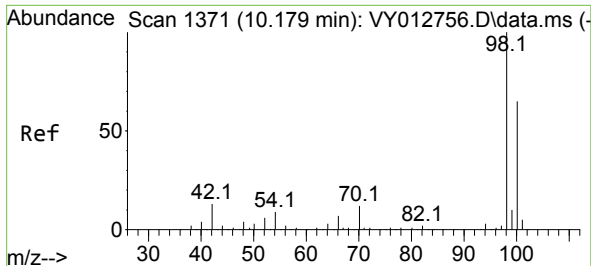
Tgt Ion: 75 Resp: 8620
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.367 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY012803.D
 Acq: 03 Mar 2023 17:57

Tgt Ion: 117 Resp: 10575
 Ion Ratio Lower Upper
 117 100
 119 6.7 77.2 115.8#
 121 0.0 24.7 37.1#

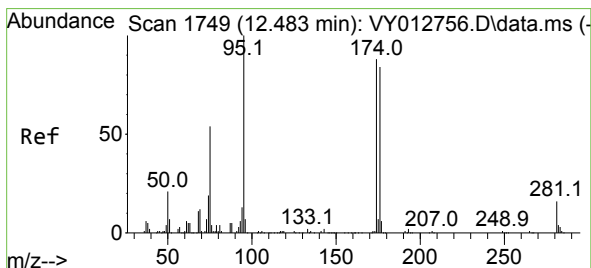
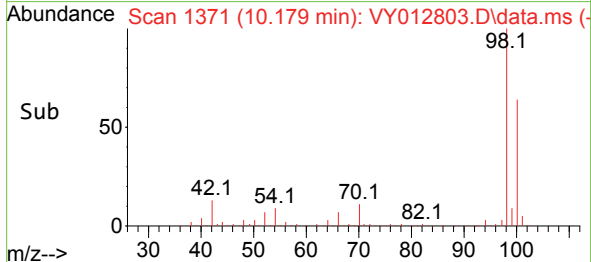
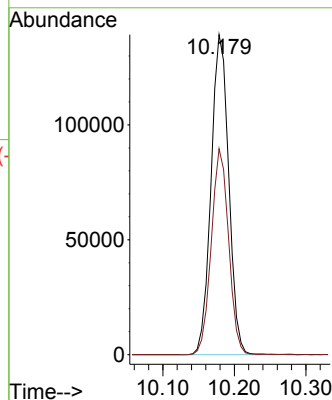
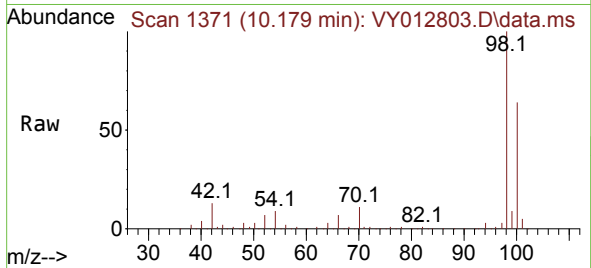




#50
Toluene-d8
Concen: 57.328 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

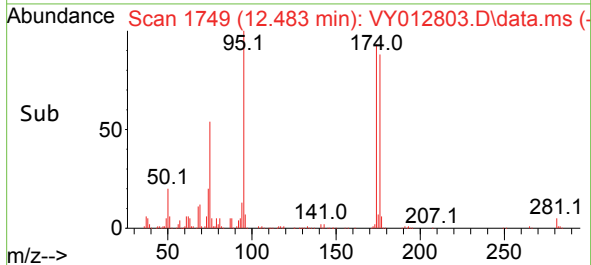
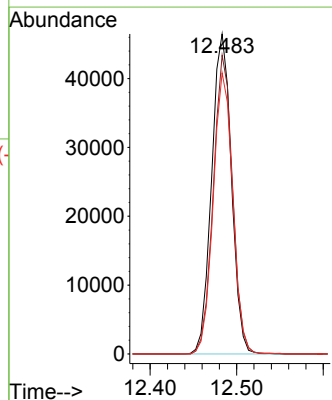
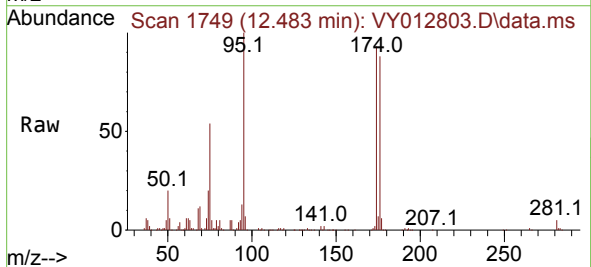
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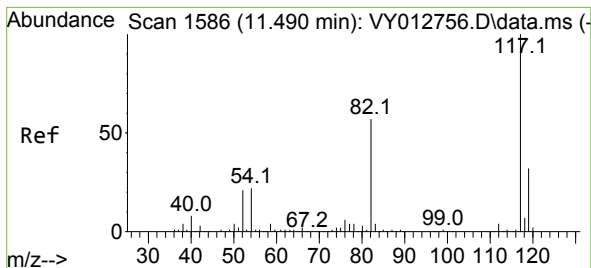
Tgt Ion: 98 Resp: 238612
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 52.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

Tgt Ion: 95 Resp: 73526
Ion Ratio Lower Upper
95 100
174 91.5 0.0 176.6
176 87.1 0.0 170.2

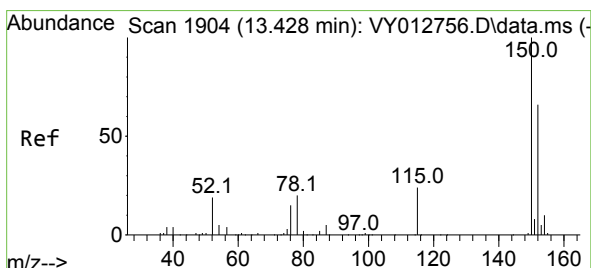
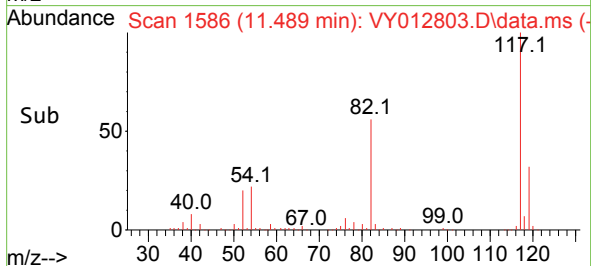
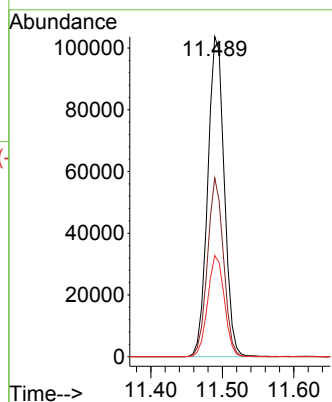
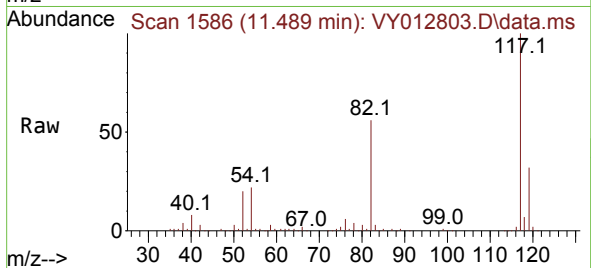




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

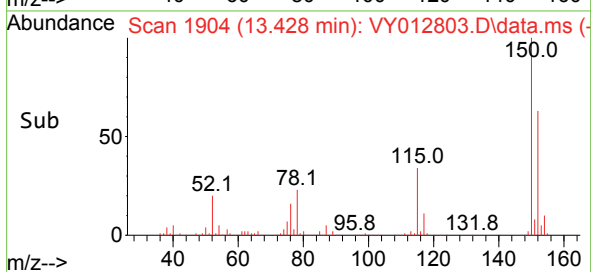
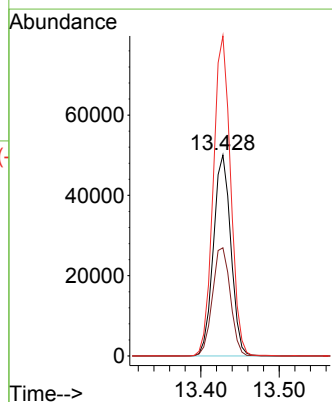
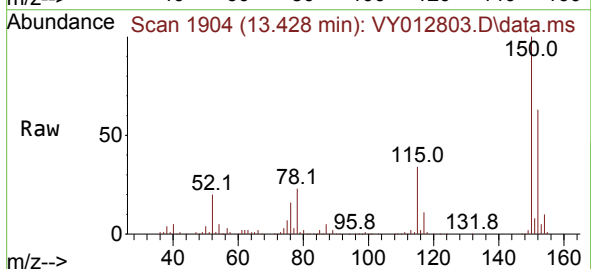
Instrument :
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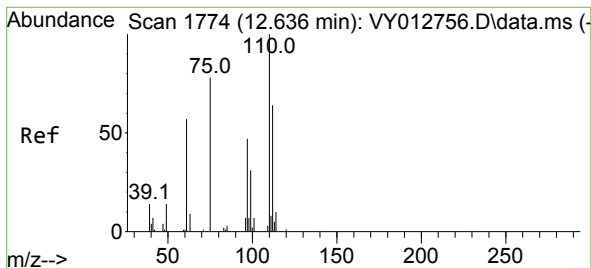
Tgt Ion:117 Resp: 166301
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

Tgt Ion:152 Resp: 77489
Ion Ratio Lower Upper
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115 55.3 27.1 81.3
150 158.1 0.0 347.8

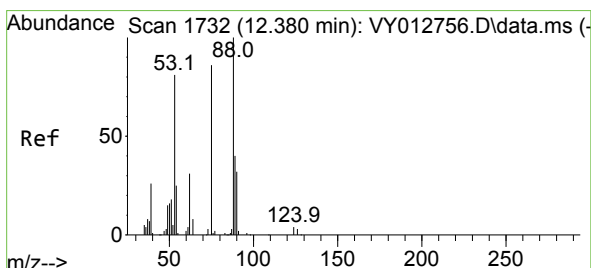
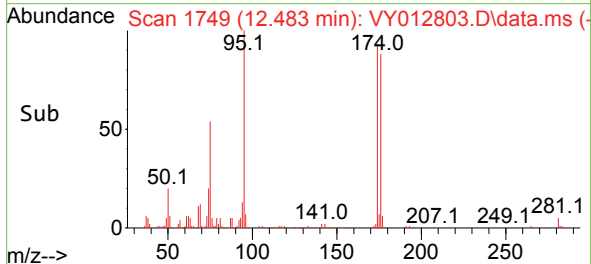
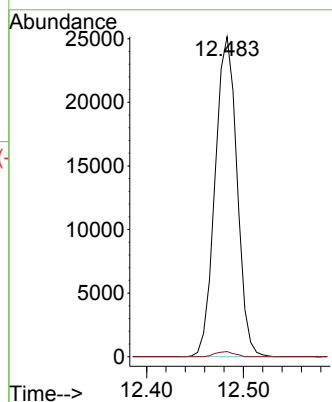
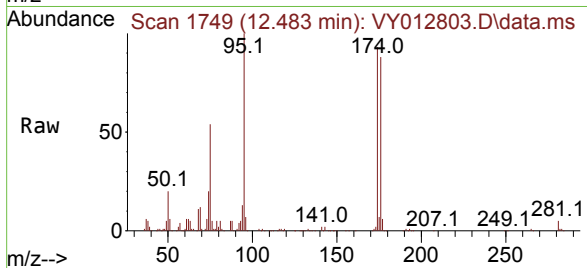




#76
1,2,3-Trichloropropane
Concen: 42.731 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

Instrument :
MSVOA_Y
ClientSampleId :
CF-11

Tgt Ion: 75 Resp: 39541
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012803.D
Acq: 03 Mar 2023 17:57

Tgt Ion: 75 Resp: 39541
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#

