

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012834.D
 Acq On : 06 Mar 2023 19:16
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 07 04:28:04 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)

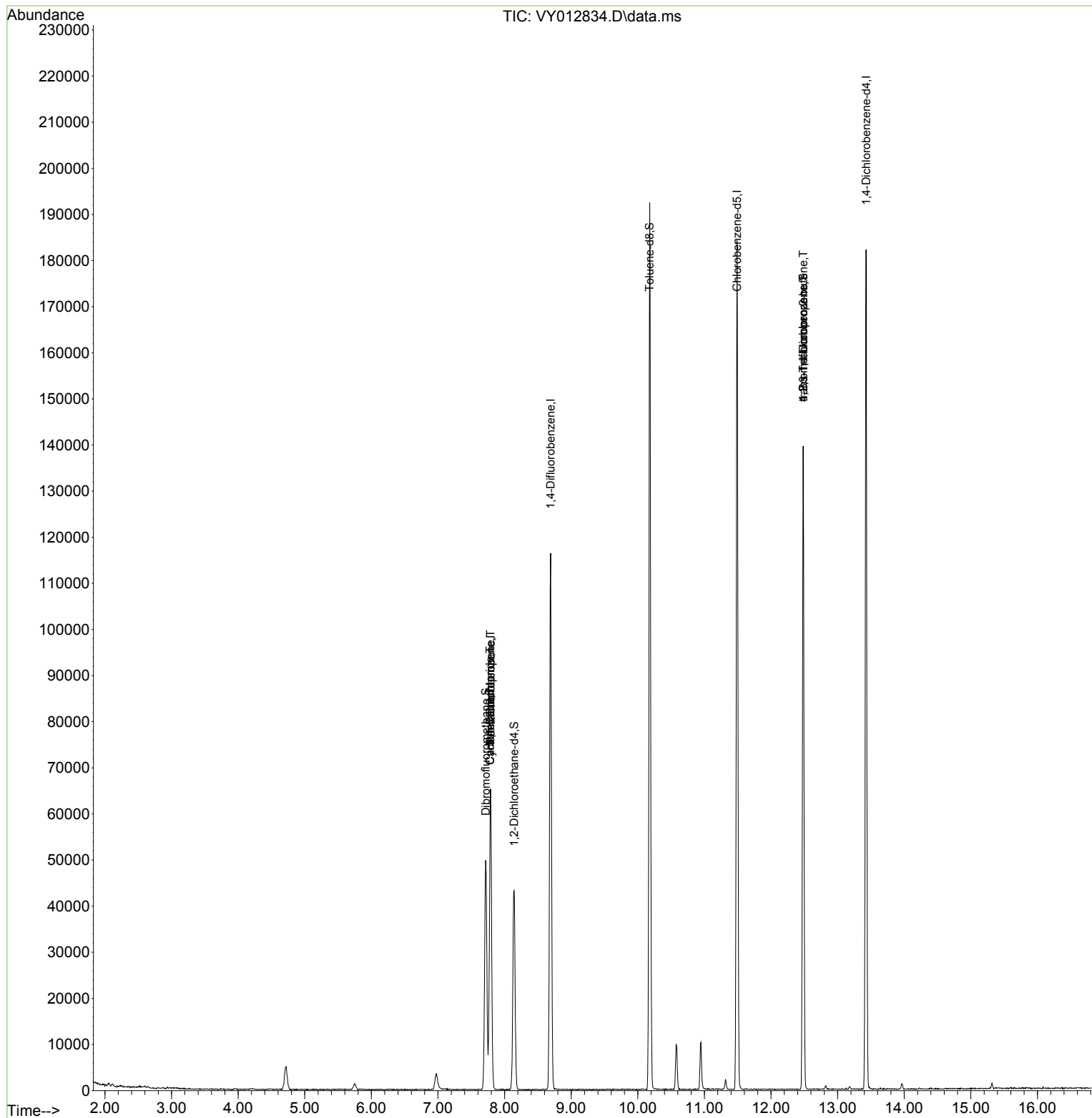
Internal Standards						
1) Pentafluorobenzene	7.789	168	50724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	97147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	98446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34036	67.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.160%	
35) Dibromofluoromethane	7.716	113	34806	59.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.740%	
50) Toluene-d8	10.179	98	121619	56.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.480%	
62) 4-Bromofluorobenzene	12.483	95	38432	53.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.260%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.783	56	1098	1.138	ug/l #	30
36) 1,1-Dichloropropene	7.789	75	4077	4.150	ug/l #	49
38) Carbon Tetrachloride	7.783	117	4933	4.862	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	20257	36.151	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20257	74.906	ug/l #	13

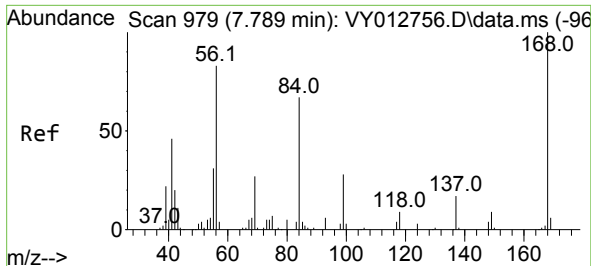
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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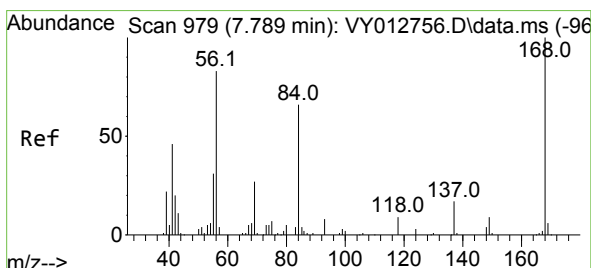
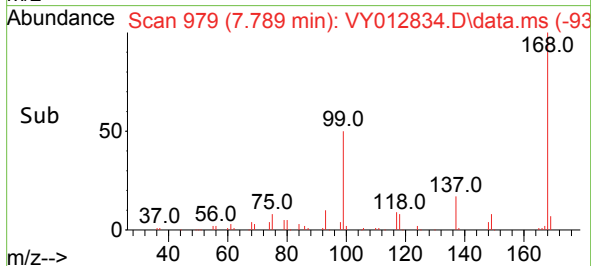
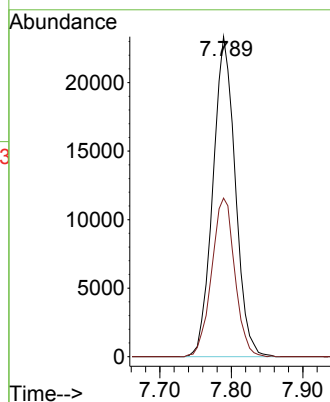
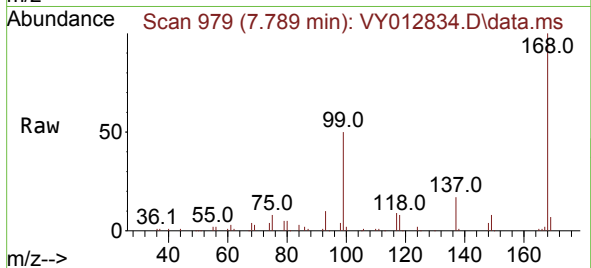




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012834.D
Acq: 06 Mar 2023 19:16

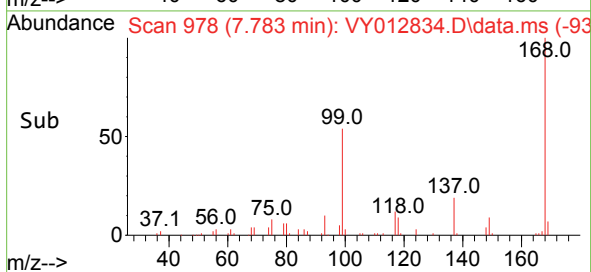
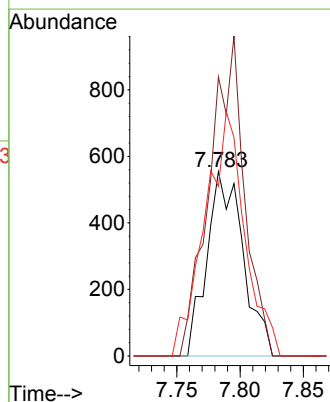
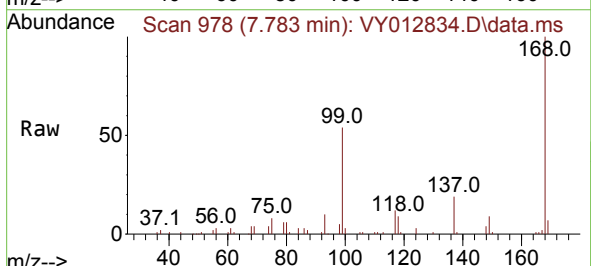
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

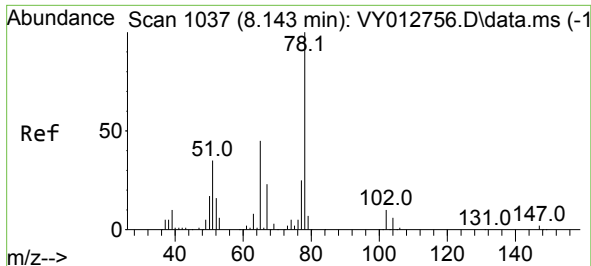
Tgt Ion:168 Resp: 50724
Ion Ratio Lower Upper
168 100
99 49.5 41.7 62.5



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY012834.D
Acq: 06 Mar 2023 19:16

Tgt Ion: 56 Resp: 1098
Ion Ratio Lower Upper
56 100
69 151.4 25.7 38.5#
84 92.1 64.3 96.5

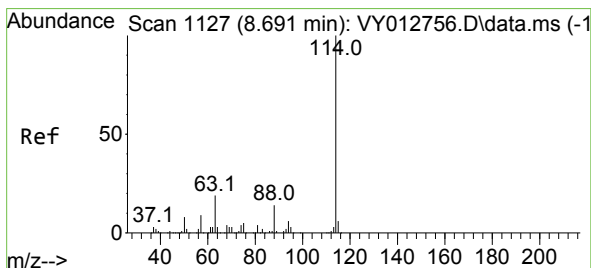
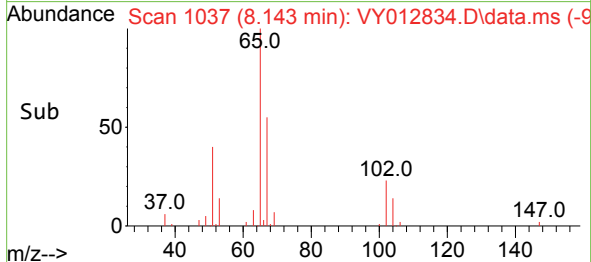
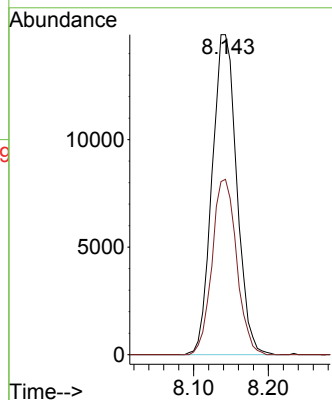
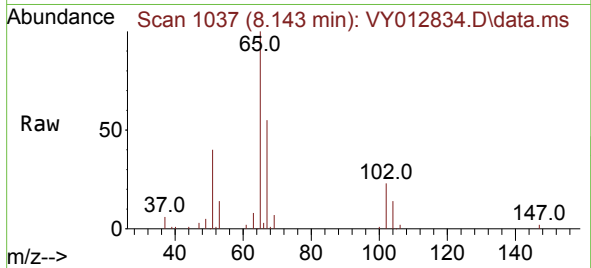




#33
 1,2-Dichloroethane-d4
 Concen: 67.582 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012834.D
 Acq: 06 Mar 2023 19:16

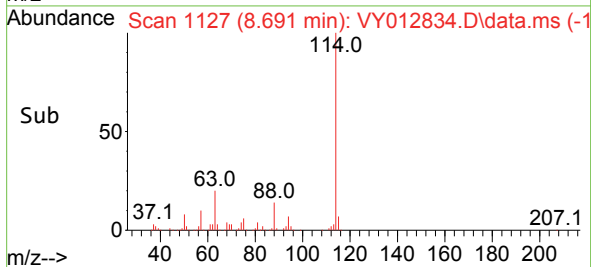
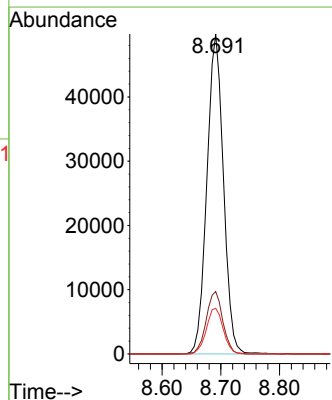
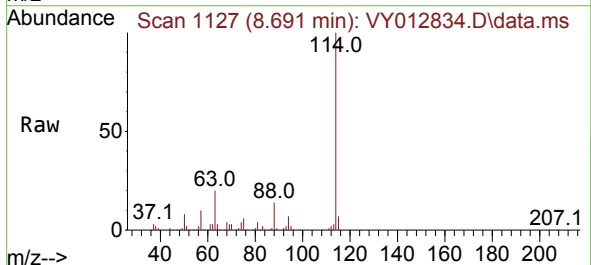
Instrument :
 MSVOA_Y
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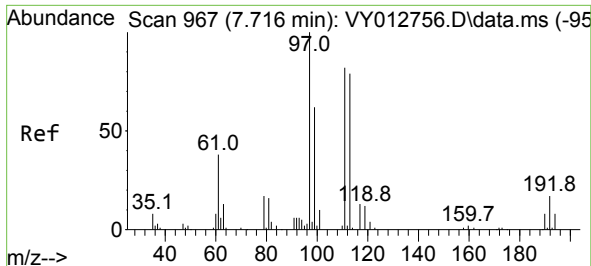
Tgt Ion: 65 Resp: 34036
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012834.D
 Acq: 06 Mar 2023 19:16

Tgt Ion: 114 Resp: 97147
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 14.3 0.0 28.6

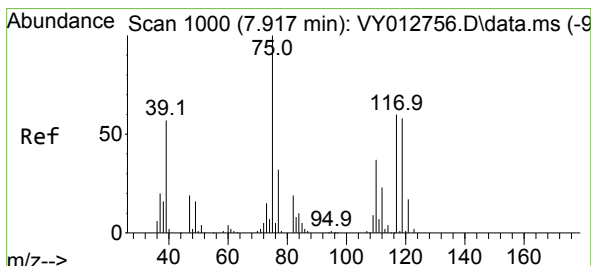
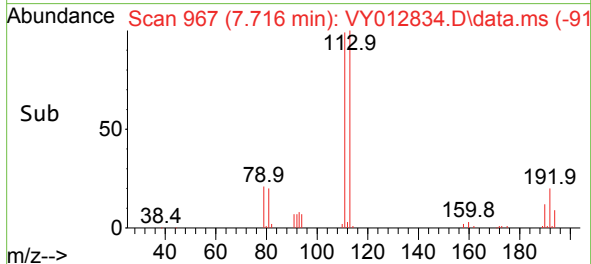
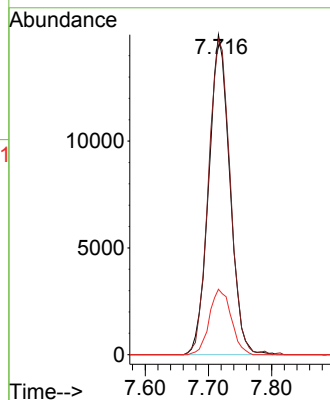
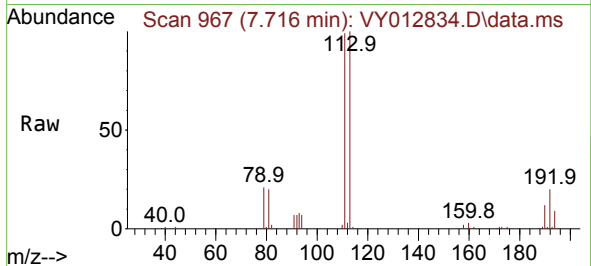




#35
Dibromofluoromethane
Concen: 59.367 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012834.D
Acq: 06 Mar 2023 19:16

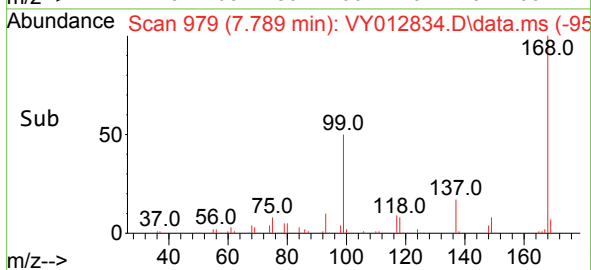
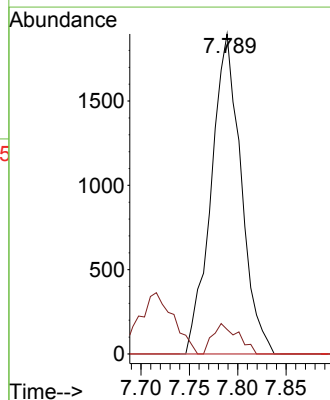
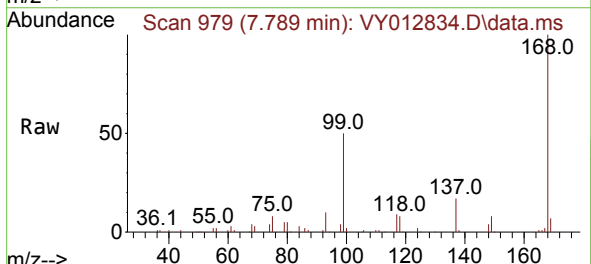
Instrument :
MSVOA_Y
ClientSampleId :
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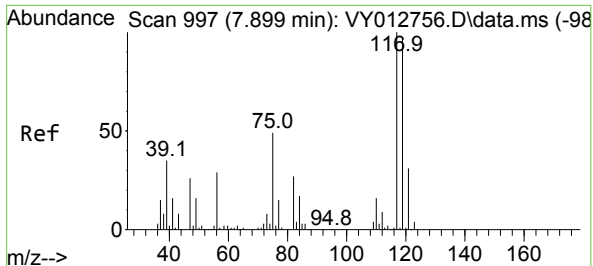
Tgt Ion:113 Resp: 34806
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012834.D
Acq: 06 Mar 2023 19:16

Tgt Ion: 75 Resp: 4077
Ion Ratio Lower Upper
75 100
110 8.1 17.8 53.3#
77 0.0 25.0 37.4#

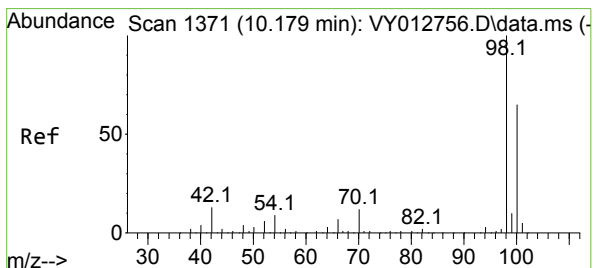
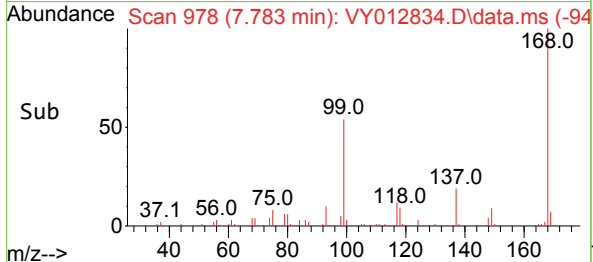
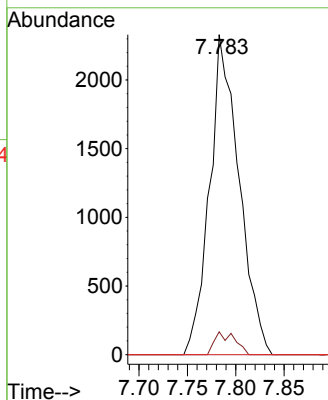
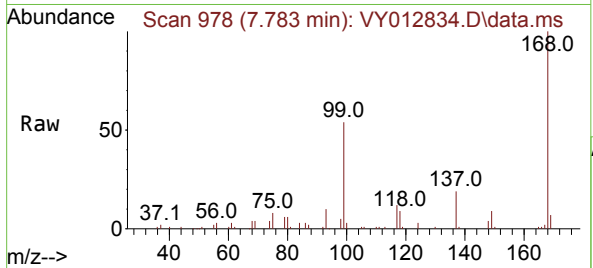




#38
Carbon Tetrachloride
Concen: 4.862 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012834.D
Acq: 06 Mar 2023 19:16

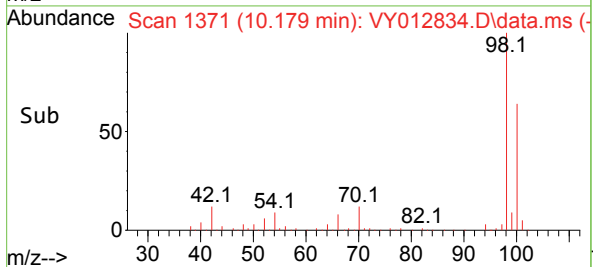
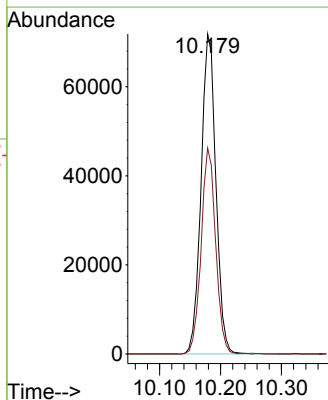
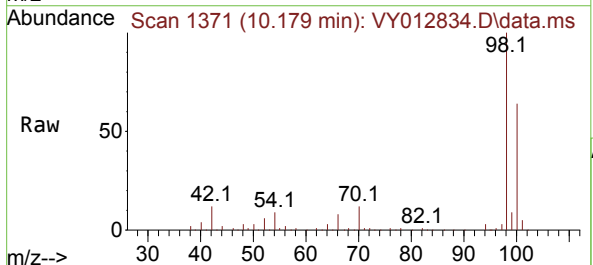
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ClientSampleId :
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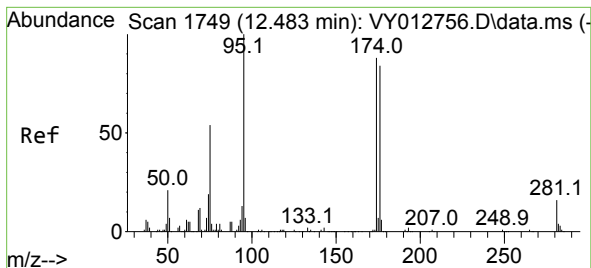
Tgt Ion:117 Resp: 4933
Ion Ratio Lower Upper
117 100
119 7.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.743 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012834.D
Acq: 06 Mar 2023 19:16

Tgt Ion: 98 Resp: 121619
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

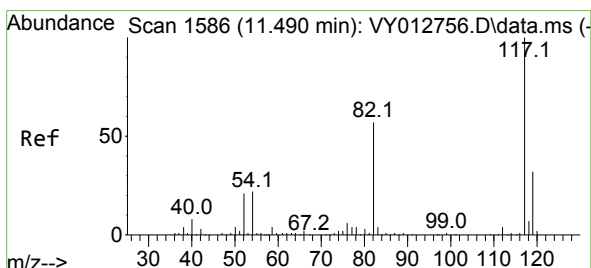
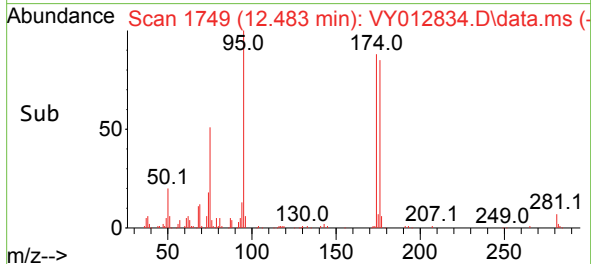
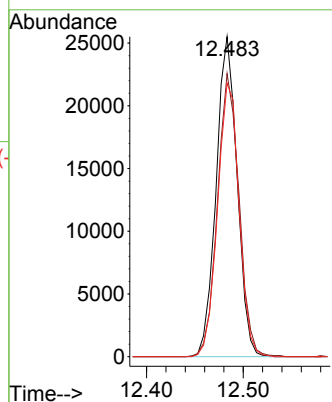
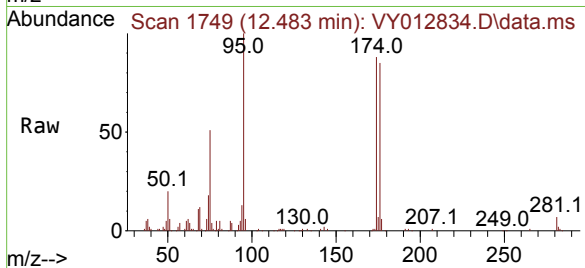




#62
4-Bromofluorobenzene
Concen: 53.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012834.D
Acq: 06 Mar 2023 19:16

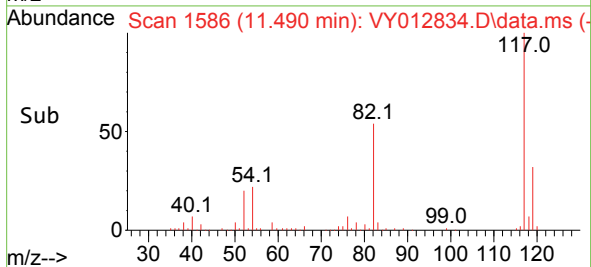
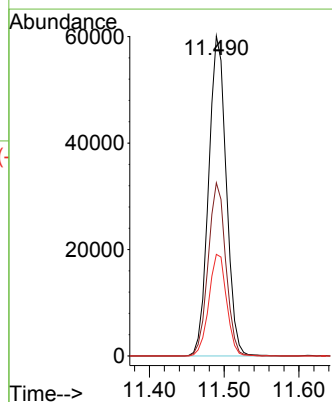
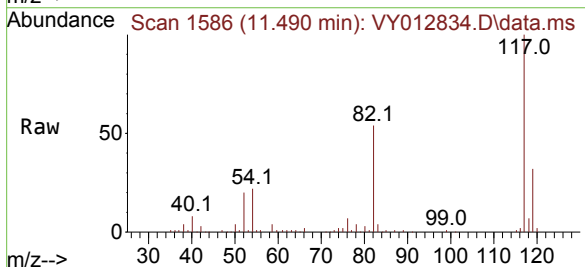
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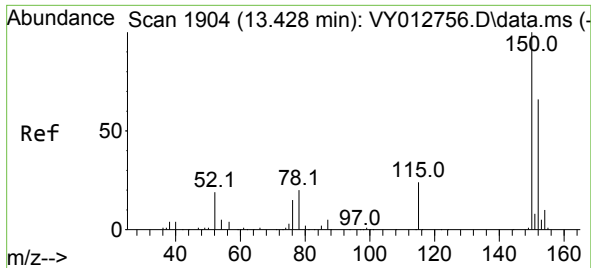
Tgt Ion: 95 Resp: 38432
Ion Ratio Lower Upper
95 100
174 90.8 0.0 176.6
176 87.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012834.D
Acq: 06 Mar 2023 19:16

Tgt Ion: 117 Resp: 98446
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.8 25.6 38.4

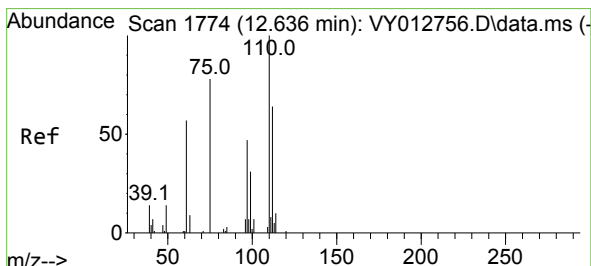
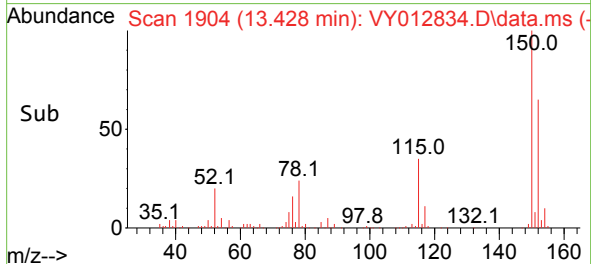
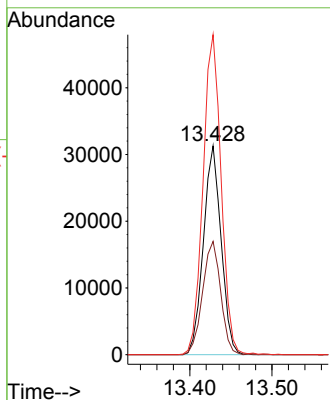
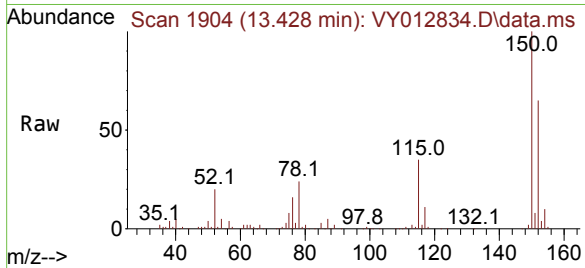




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012834.D
 Acq: 06 Mar 2023 19:16

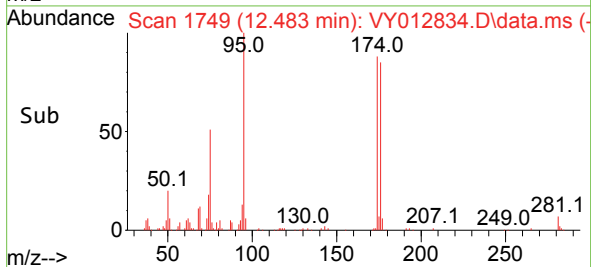
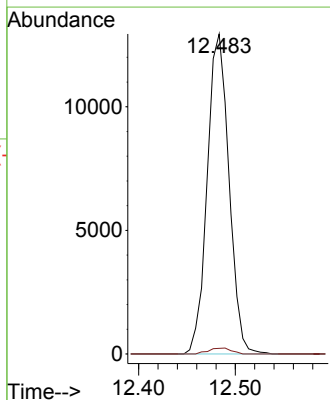
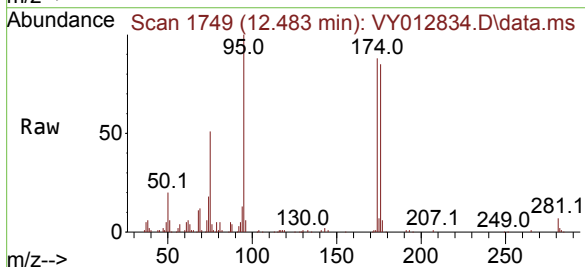
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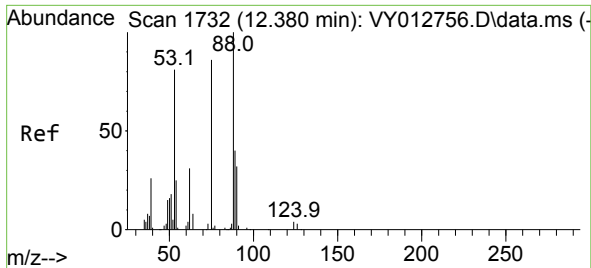
Tgt Ion:152 Resp: 46924
 Ion Ratio Lower Upper
 152 100
 115 55.4 27.1 81.3
 150 156.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 36.151 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012834.D
 Acq: 06 Mar 2023 19:16

Tgt Ion: 75 Resp: 20257
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.906 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012834.D
 Acq: 06 Mar 2023 19:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 20257
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

