

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012335.D
 Acq On : 24 Jan 2023 12:31
 Operator : KP/MD
 Sample : 01243-03
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 01:31:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

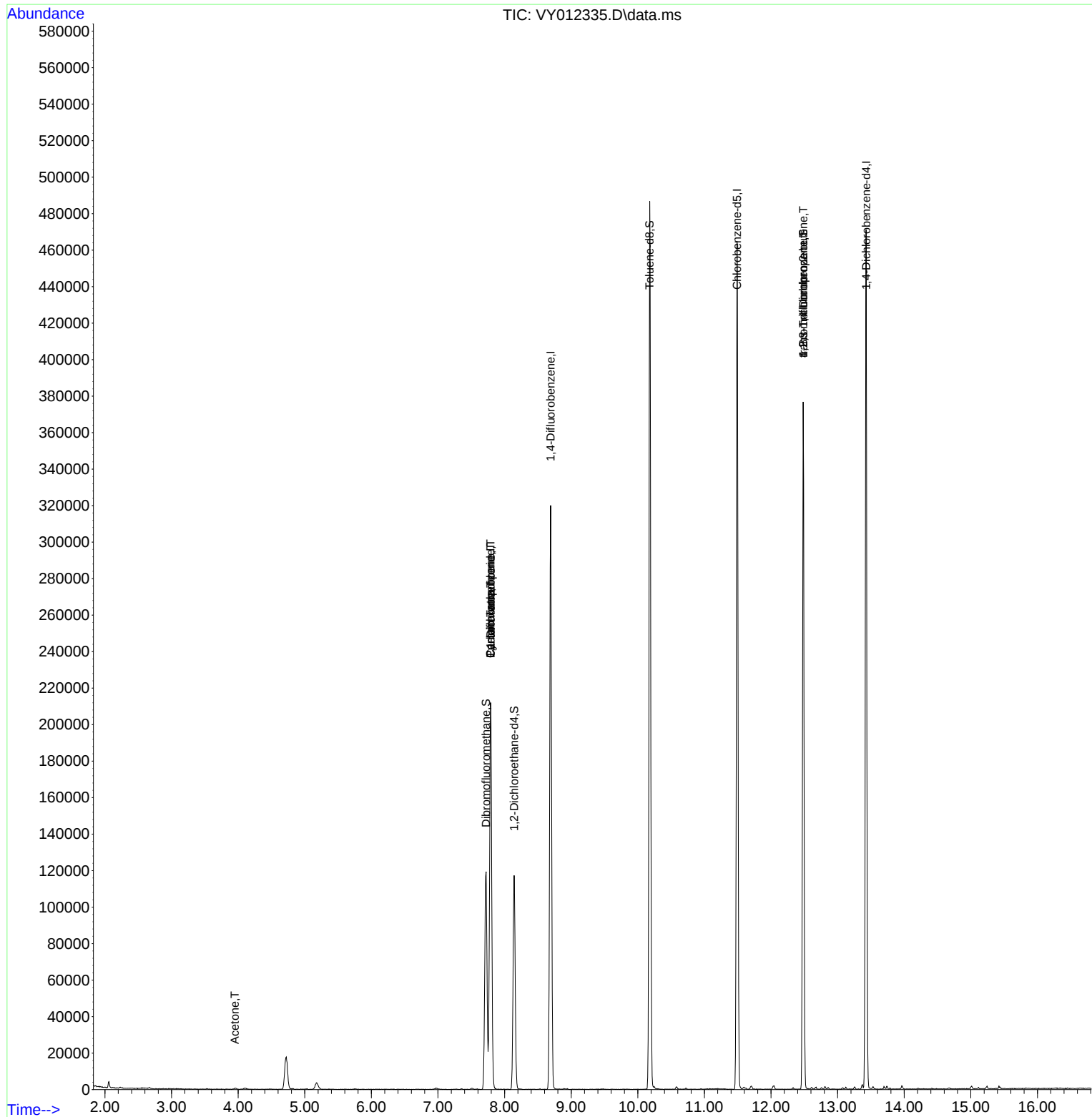
Internal Standards						
1) Pentafluorobenzene	7.789	168	167202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	275913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101202	74.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.980%	
35) Dibromofluoromethane	7.722	113	81636	55.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.760%	
50) Toluene-d8	10.178	98	329485	66.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 133.040%	
62) 4-Bromofluorobenzene	12.483	95	109408	53.123	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	113	Below Cal	#	74
16) Acetone	3.948	43	929	1.995	ug/l	98
20) Methylene Chloride	4.716	84	15066	Below Cal	#	85
31) Cyclohexane	7.789	56	3138	1.287	ug/l	# 10
36) 1,1-Dichloropropene	7.789	75	11201	4.511	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	16693	5.206	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	58579	52.242	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58579	107.642	ug/l	# 13

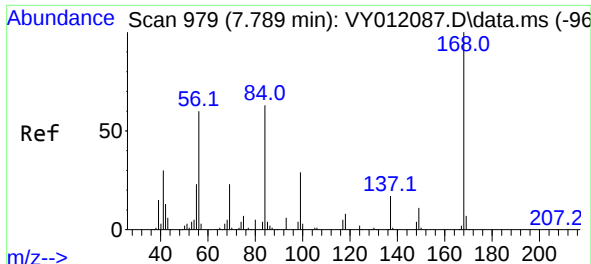
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
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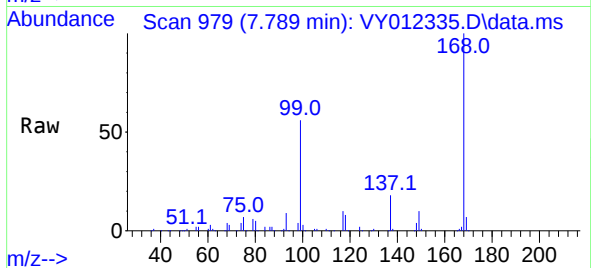
Quant Time: Jan 25 01:31:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration



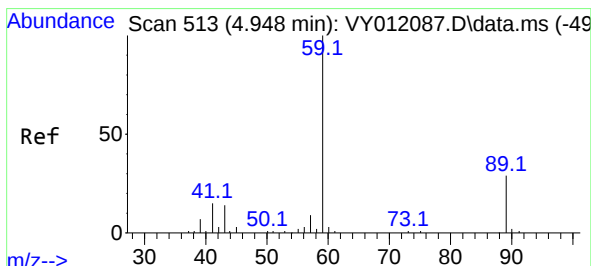
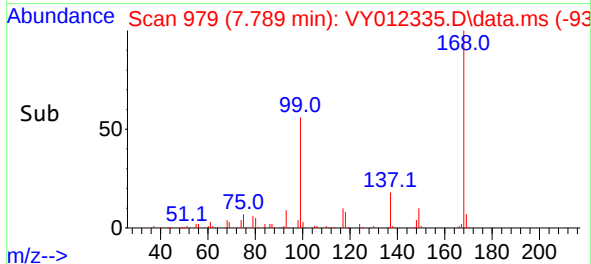
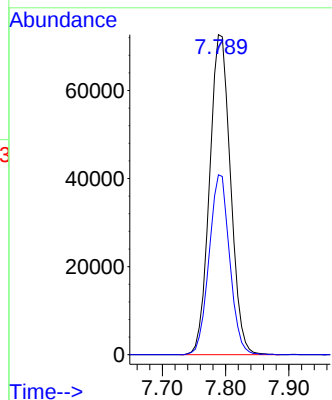


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :

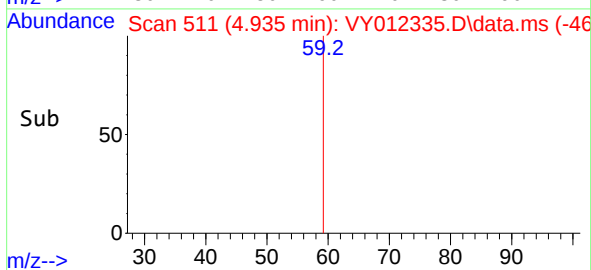
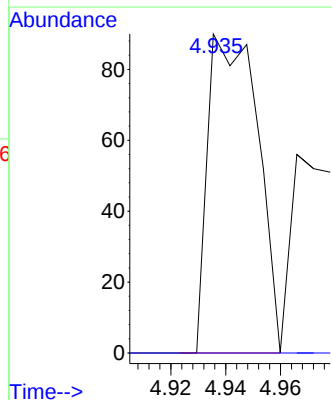
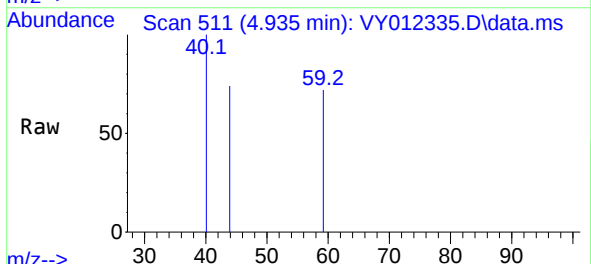


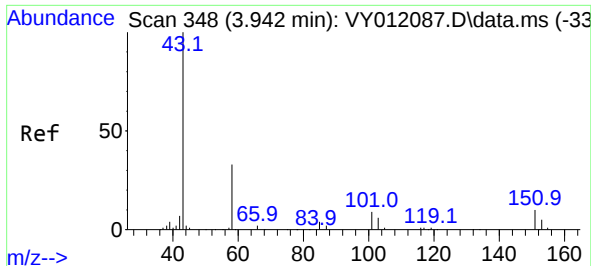
Tgt Ion:168 Resp: 167202
Ion Ratio Lower Upper
168 100
99 56.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.935 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

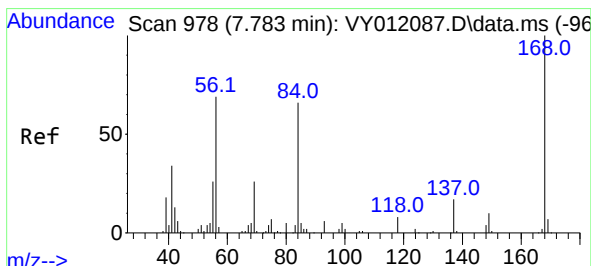
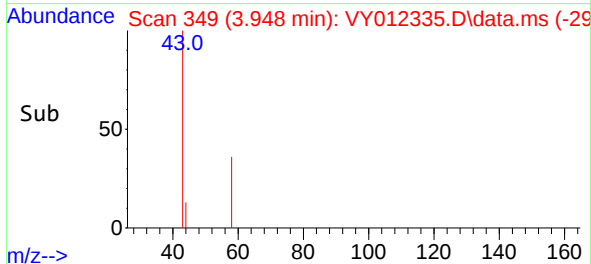
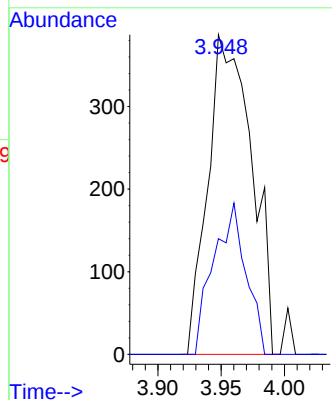
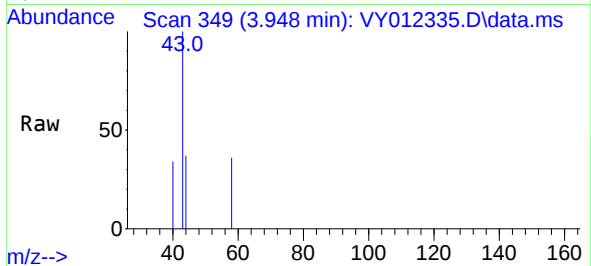




#16
Acetone
Concen: 1.995 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

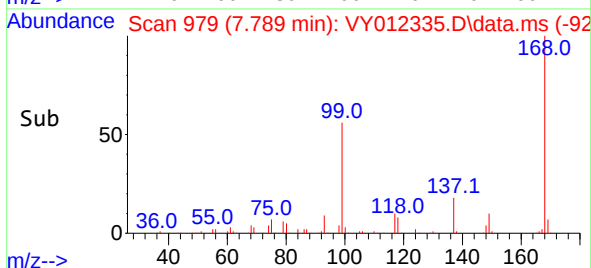
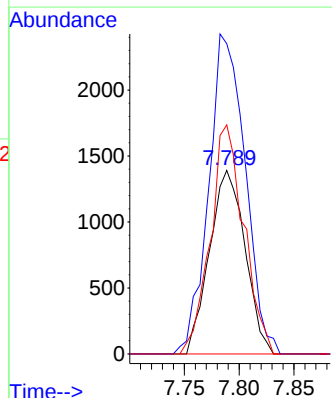
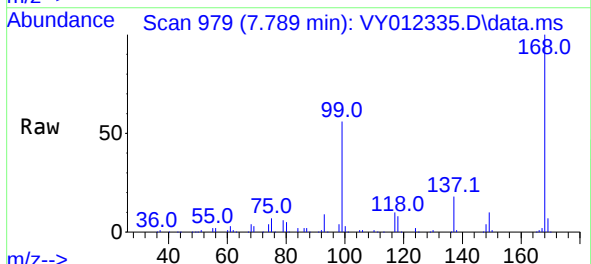
Instrument :
MSVOA_Y
ClientSampleId :

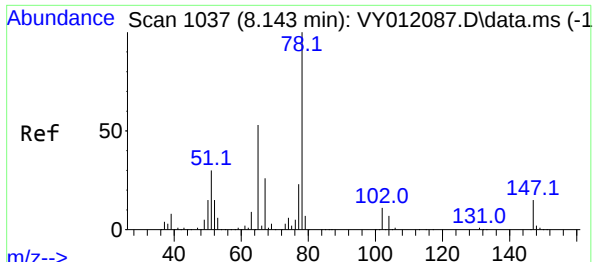
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 36.2 27.9 41.9



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 169.0 29.2 43.8#
84 124.8 72.6 108.8#

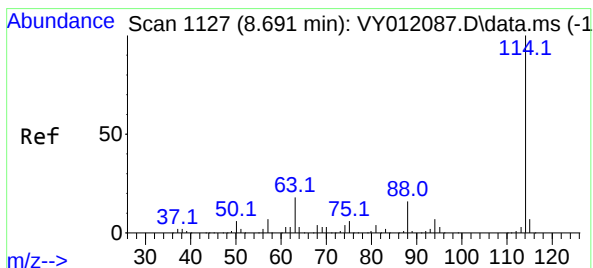
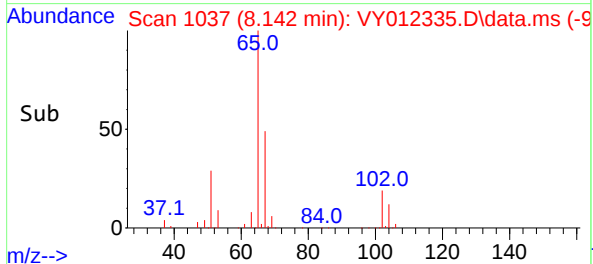
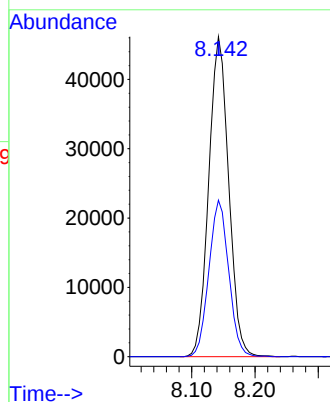
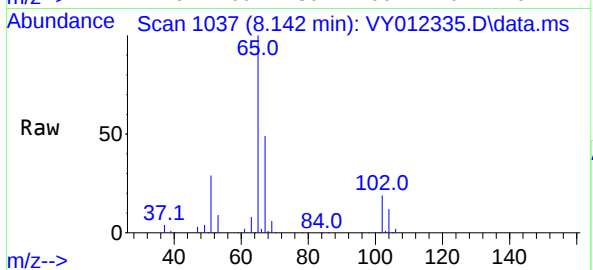




#33
1,2-Dichloroethane-d4
Concen: 74.987 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

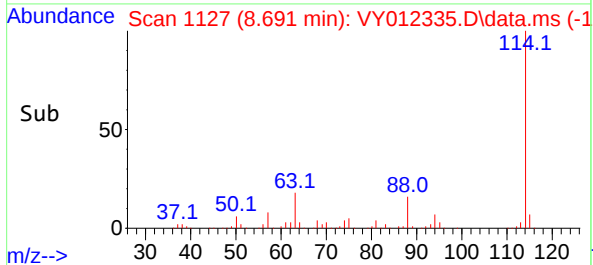
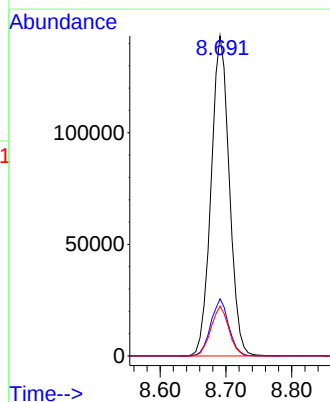
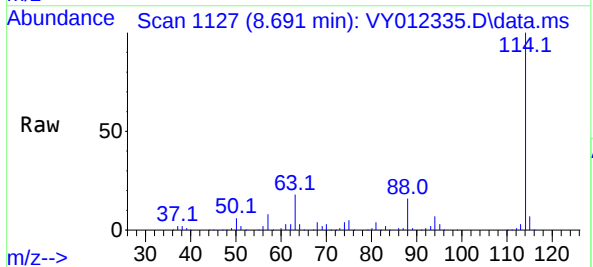
Instrument :
MSVOA_Y
ClientSampleId :

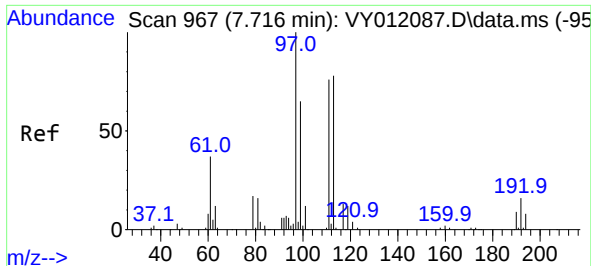
Tgt Ion: 65 Resp: 101202
Ion Ratio Lower Upper
65 100
67 48.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Tgt Ion:114 Resp: 275913
Ion Ratio Lower Upper
114 100
63 17.9 0.0 39.6
88 15.6 0.0 32.2

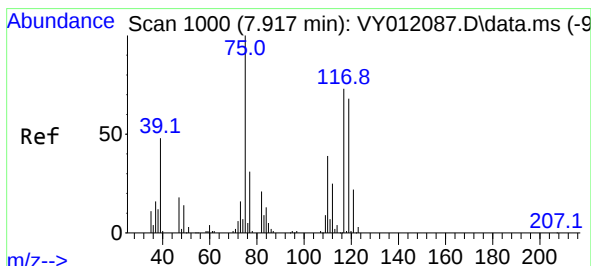
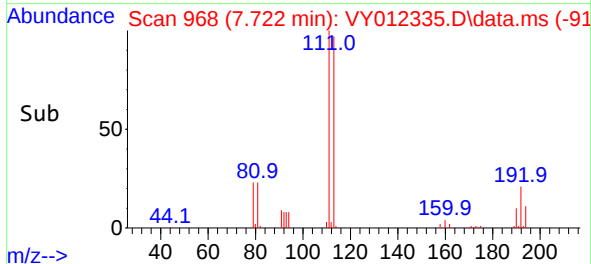
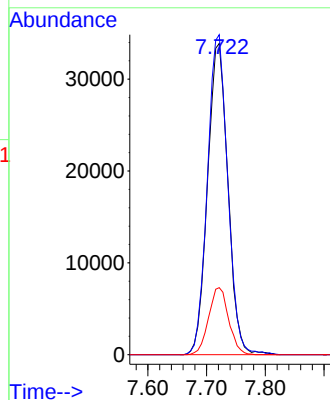
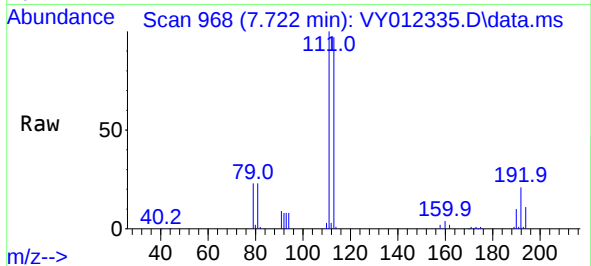




#35
Dibromofluoromethane
Concen: 55.878 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

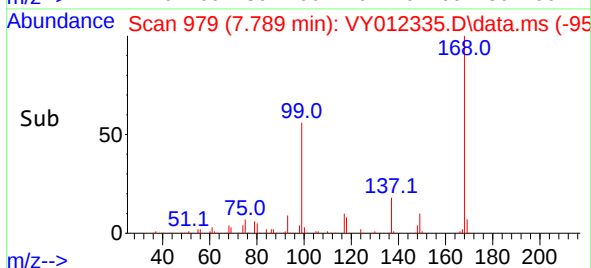
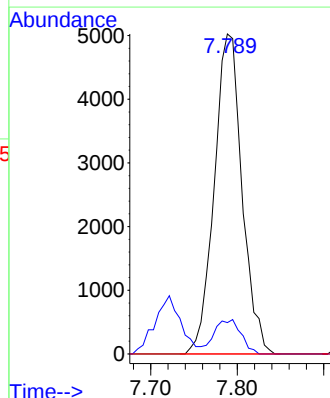
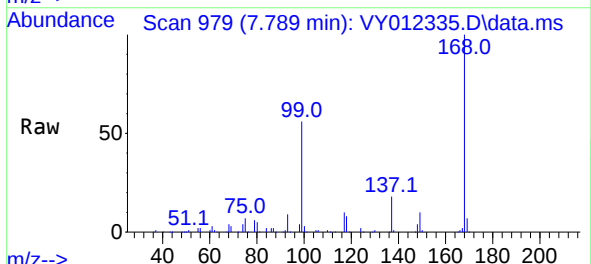
Instrument :
MSVOA_Y
ClientSampleId :

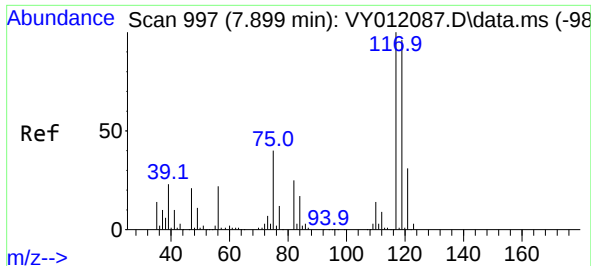
Tgt Ion:113 Resp: 81636
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 21.2 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.511 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

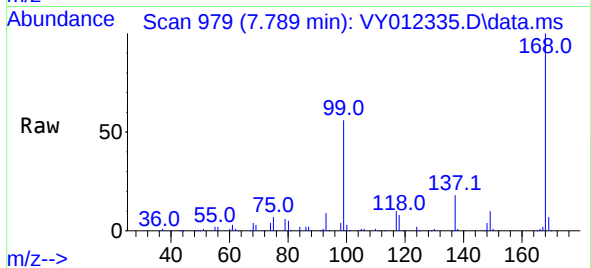
Tgt Ion: 75 Resp: 11201
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.1#
77 0.0 25.1 37.7#



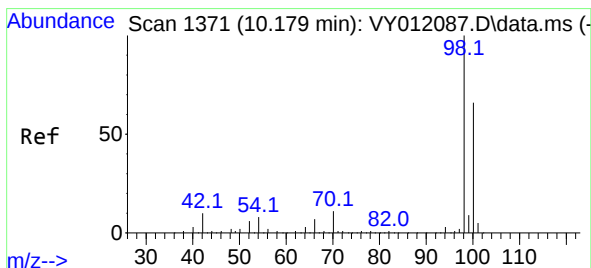
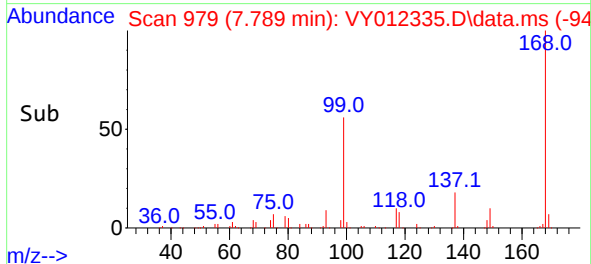
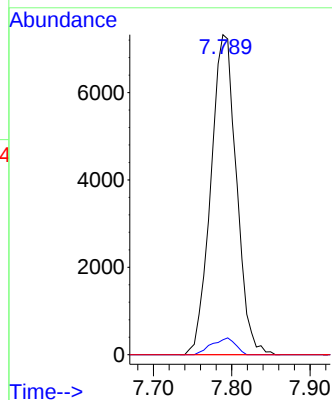


#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :

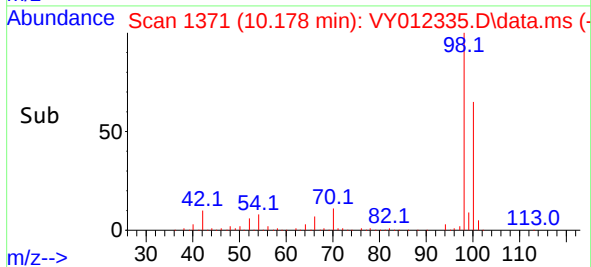
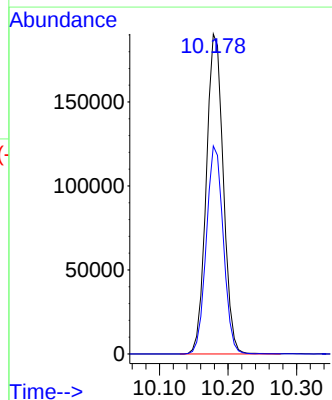
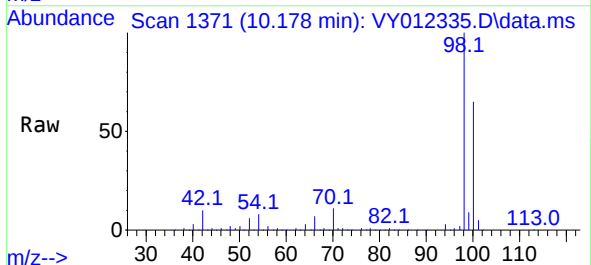


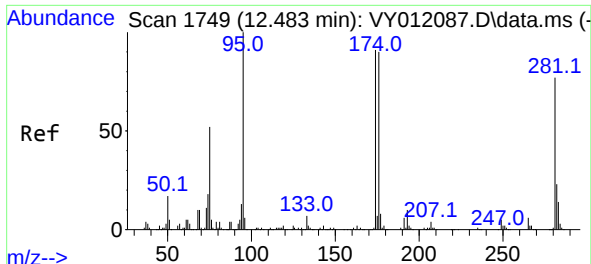
Tgt Ion:117 Resp: 16693
Ion Ratio Lower Upper
117 100
119 4.6 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.522 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Tgt Ion: 98 Resp: 329485
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

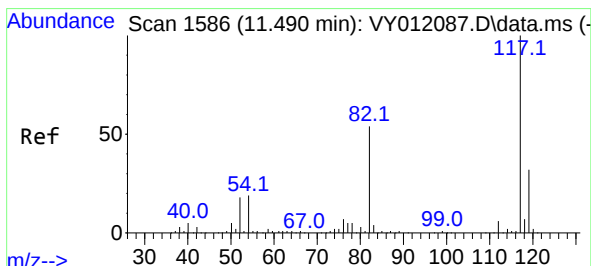
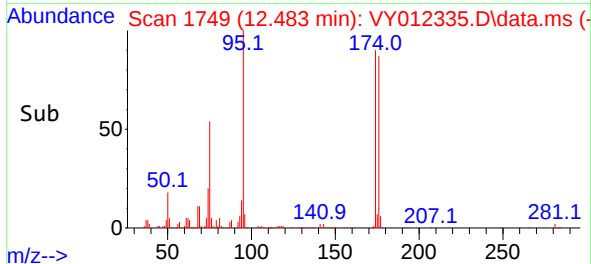
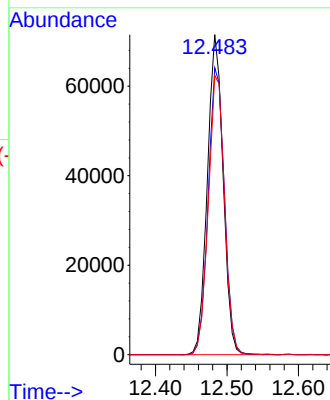
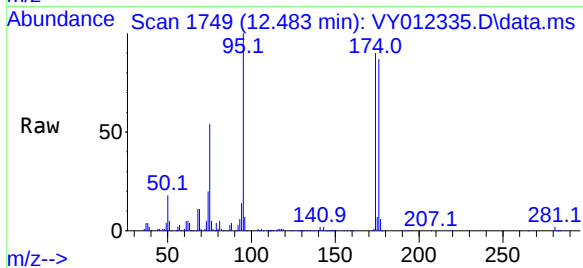




#62
4-Bromofluorobenzene
Concen: 53.123 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

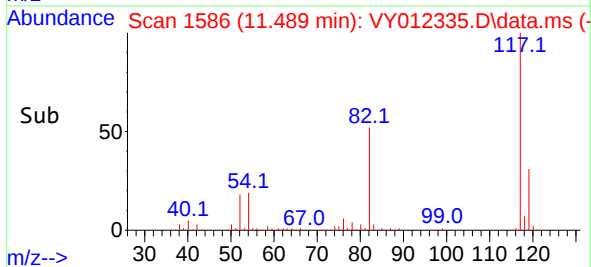
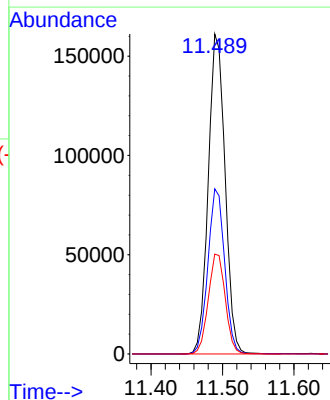
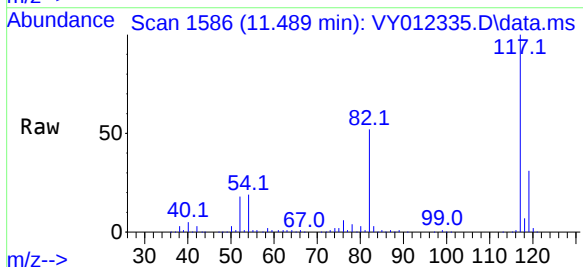
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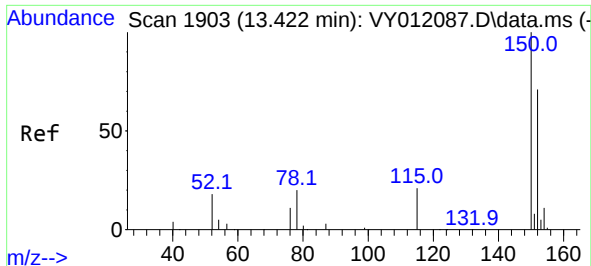
Tgt Ion: 95 Resp: 109408
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.0
176 89.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012335.D
Acq: 24 Jan 2023 12:31

Tgt Ion: 117 Resp: 263091
Ion Ratio Lower Upper
117 100
82 51.6 44.8 67.2
119 31.2 25.4 38.2

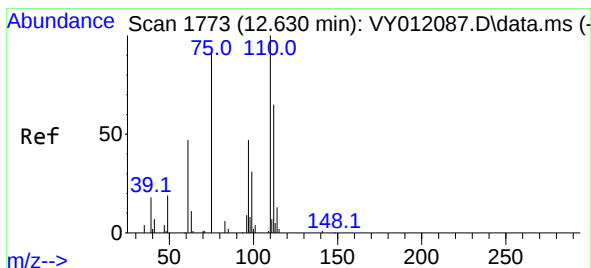
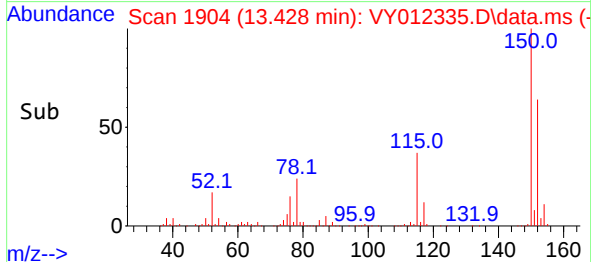
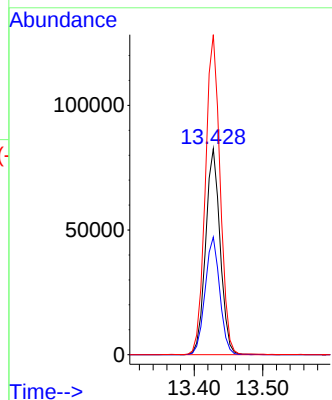
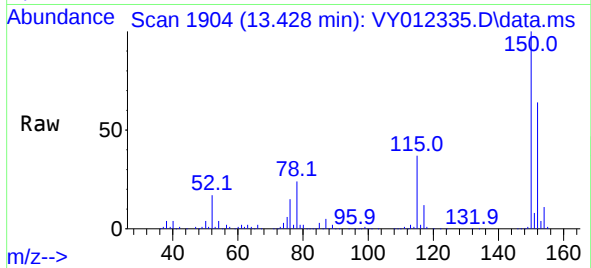




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY012335.D
 Acq: 24 Jan 2023 12:31

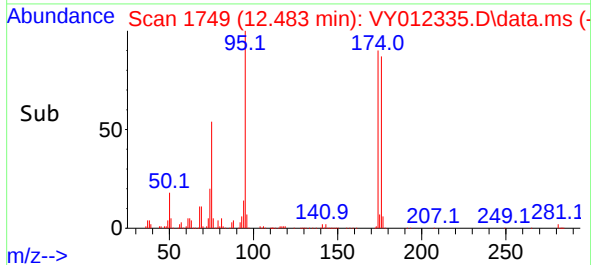
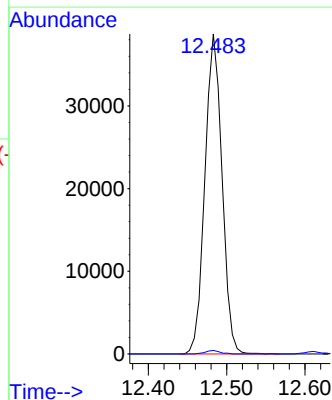
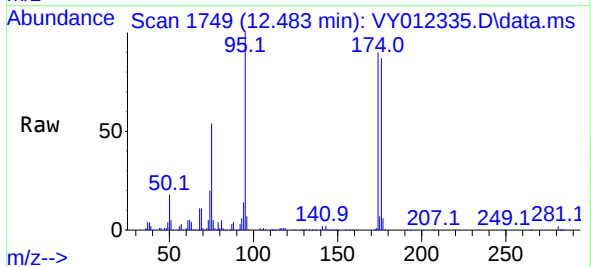
Instrument :
 MSVOA_Y
 ClientSampleId :

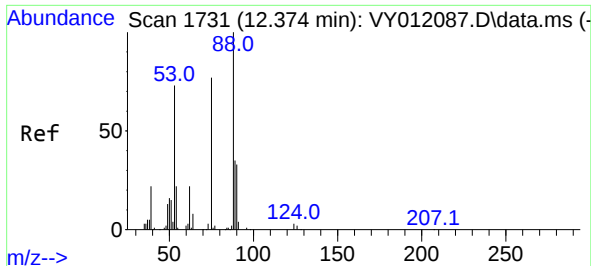
Tgt Ion:152 Resp: 121941
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.1 87.3
 150 157.6 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 52.242 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012335.D
 Acq: 24 Jan 2023 12:31

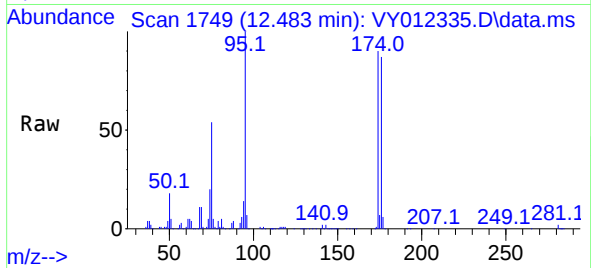
Tgt Ion: 75 Resp: 58579
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.642 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012335.D
 Acq: 24 Jan 2023 12:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58579
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

