

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014344.D
 Acq On : 21 Jun 2023 18:28
 Operator : KP/MD
 Sample : 03358-01
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(0-2)

Quant Time: Jun 22 01:58:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

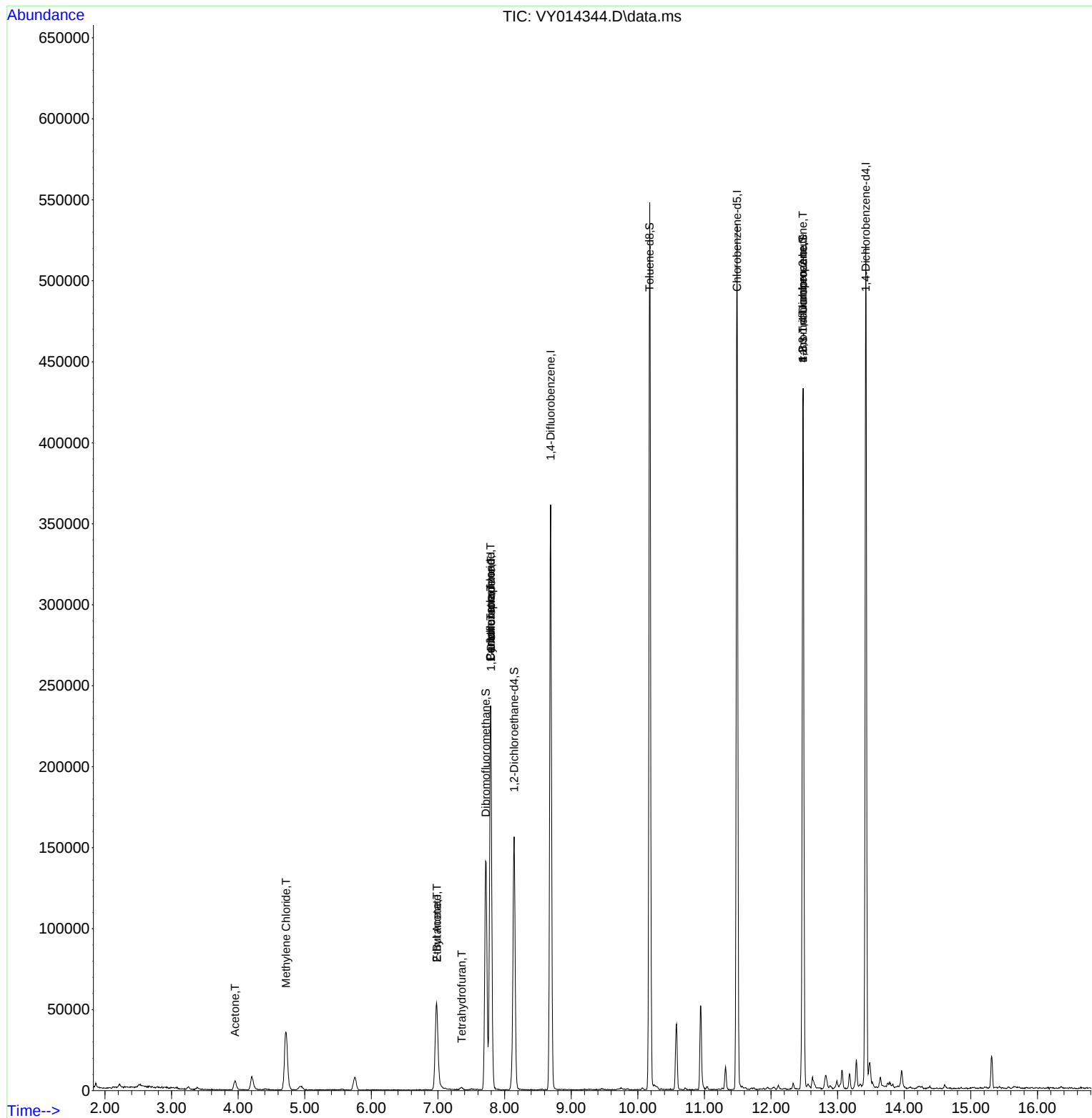
Internal Standards						
1) Pentafluorobenzene	7.789	168	188480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	281164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127294	48.500	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.000%		
35) Dibromofluoromethane	7.716	113	96771	46.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.640%		
50) Toluene-d8	10.179	98	354530	45.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.780%		
62) 4-Bromofluorobenzene	12.477	95	118894	42.848	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.700%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	3278	Below Cal	#	89
13) Acrolein	3.564	56	40	Below Cal	#	14
16) Acetone	3.954	43	9838	12.435	ug/l	93
20) Methylene Chloride	4.716	84	27821	8.004	ug/l	93
25) 2-Butanone	6.984	43	5559	5.708	ug/l	94
29) Tetrahydrofuran	7.356	42	1131	1.831	ug/l	# 86
31) Cyclohexane	7.789	56	3865	1.099	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	14319	4.396	ug/l	# 51
37) Ethyl Acetate	6.984	43	5559	2.473	ug/l	# 24
38) Carbon Tetrachloride	7.789	117	18036	4.798	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	64863	36.669	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	64863	79.265	ug/l	# 11

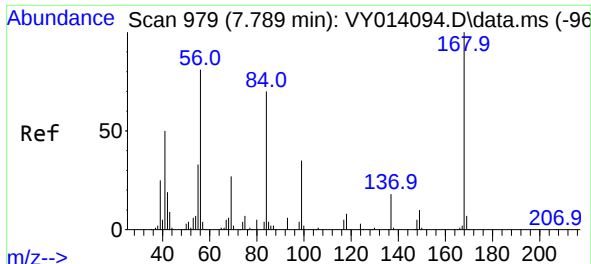
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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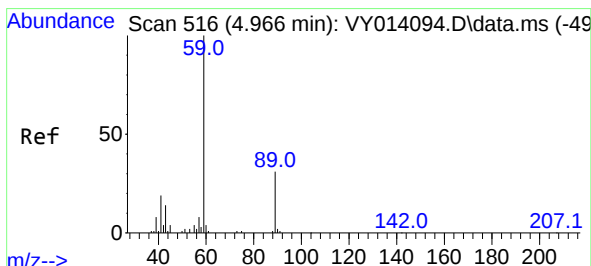
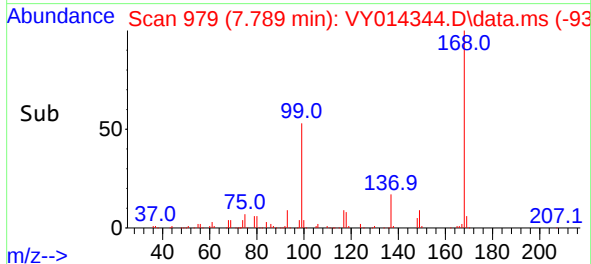
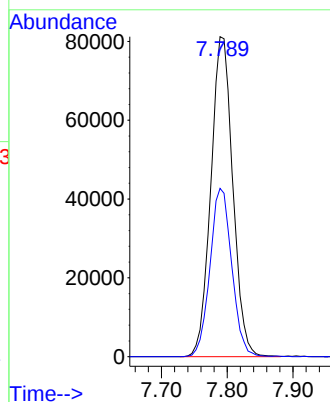
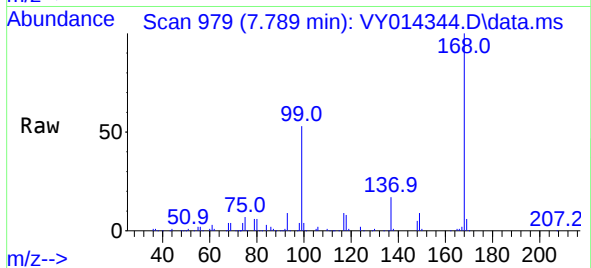




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

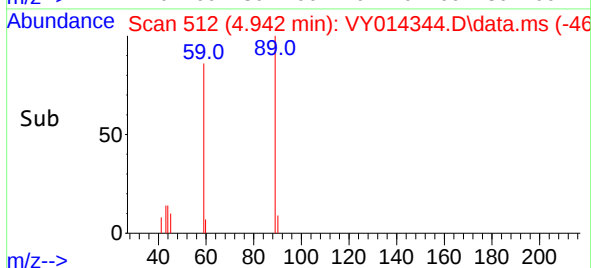
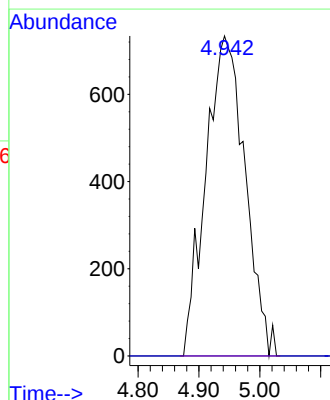
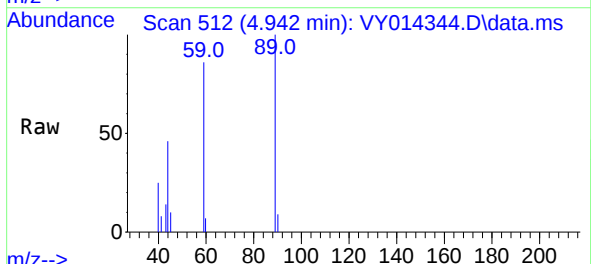
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(0-2)

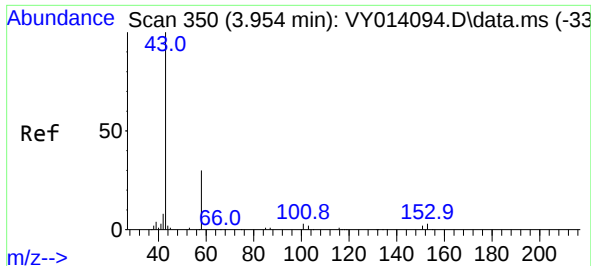
Tgt Ion:168 Resp: 188480
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Tgt Ion: 59 Resp: 3278
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

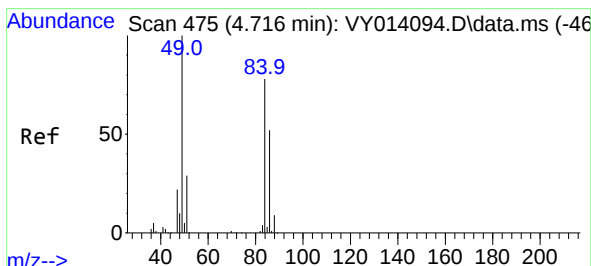
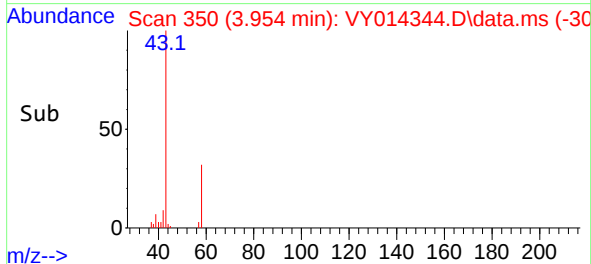
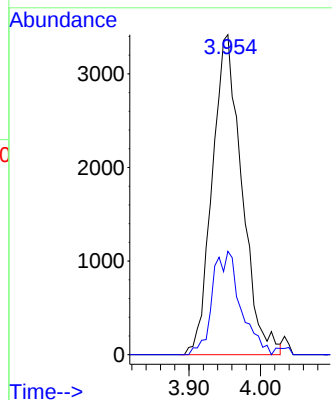
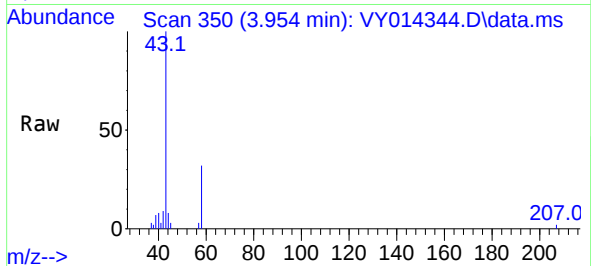




#16
Acetone
Concen: 12.435 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

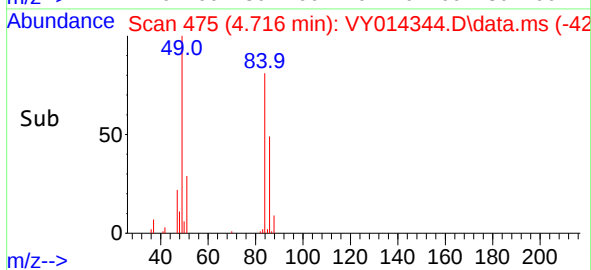
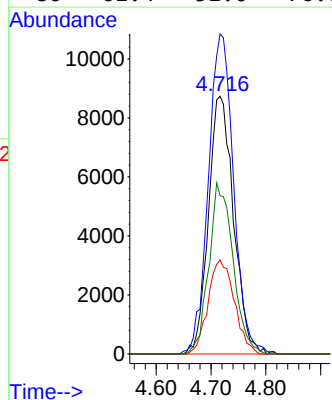
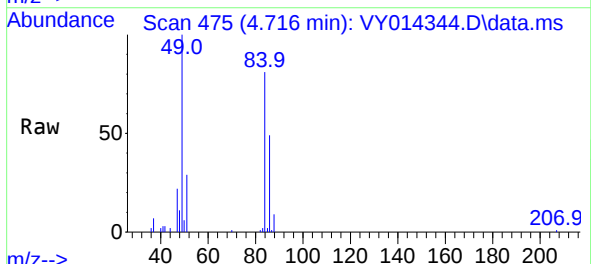
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(0-2)

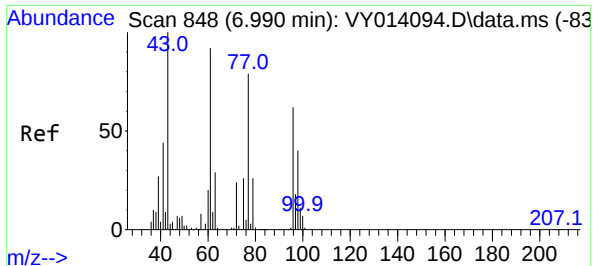
Tgt Ion: 43 Resp: 9838
Ion Ratio Lower Upper
43 100
58 32.3 22.7 34.1



#20
Methylene Chloride
Concen: 8.004 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Tgt Ion: 84 Resp: 27821
Ion Ratio Lower Upper
84 100
49 124.2 106.9 160.3
51 36.4 33.2 49.8
86 61.4 51.0 76.6





#25

2-Butanone

Concen: 5.708 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014344.D

Acq: 21 Jun 2023 18:28

Instrument :

MSVOA_Y

ClientSampleId :

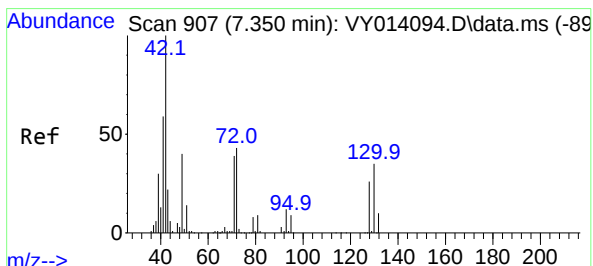
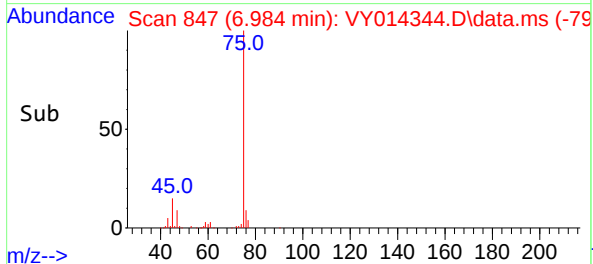
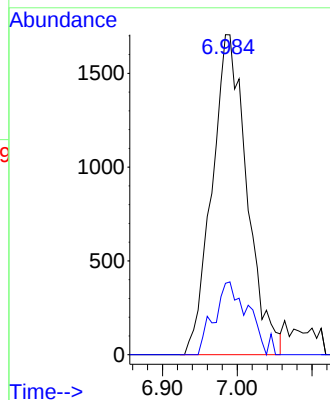
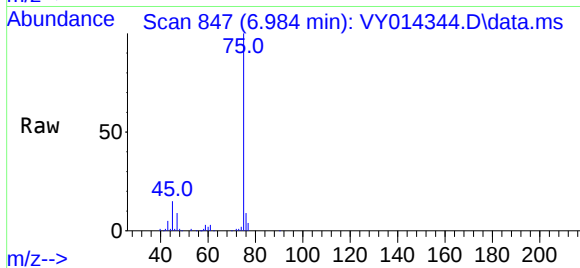
SB-1-(0-2)

Tgt Ion: 43 Resp: 5559

Ion Ratio Lower Upper

43 100

72 22.3 20.5 30.7



#29

Tetrahydrofuran

Concen: 1.831 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY014344.D

Acq: 21 Jun 2023 18:28

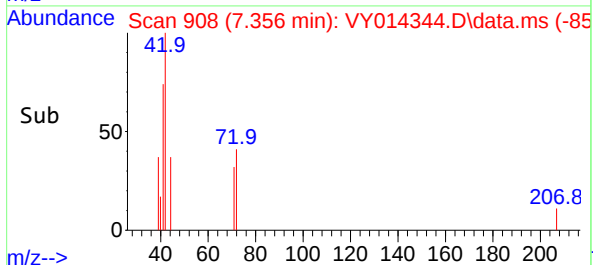
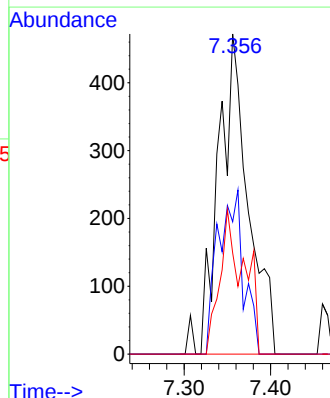
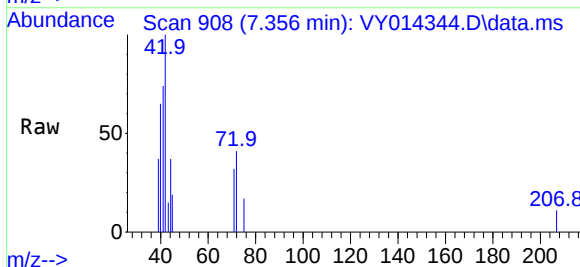
Tgt Ion: 42 Resp: 1131

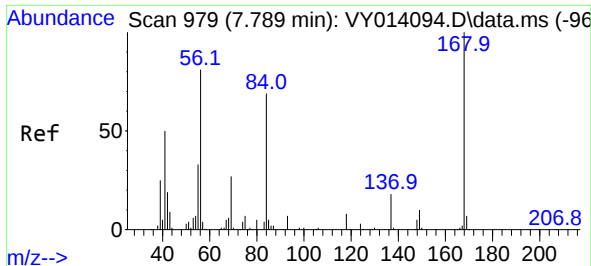
Ion Ratio Lower Upper

42 100

72 43.7 32.8 49.2

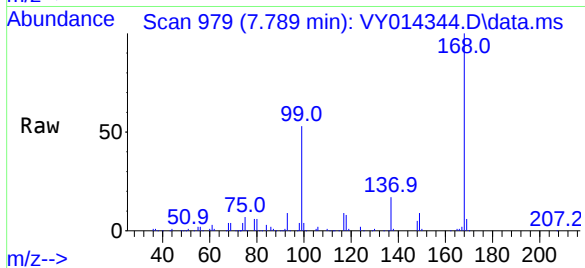
71 23.5 31.0 46.4#



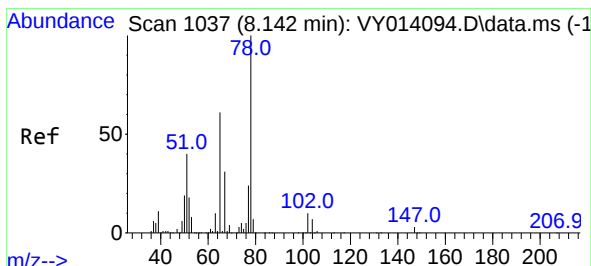
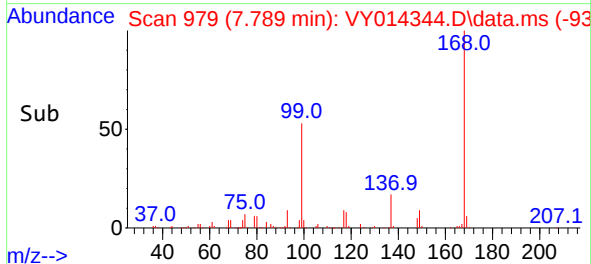
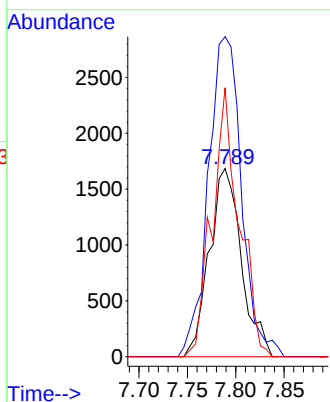


#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(0-2)

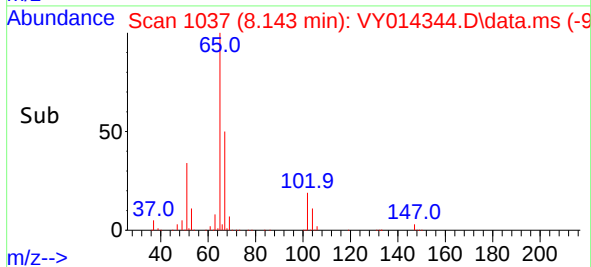
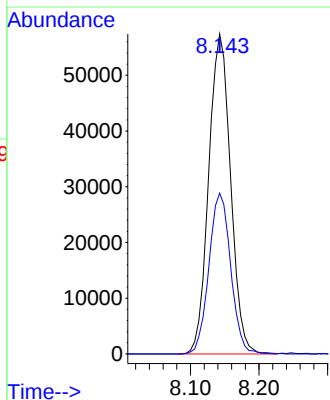
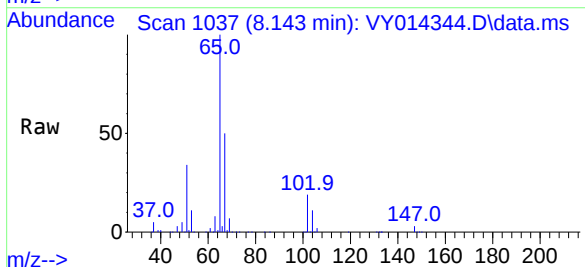


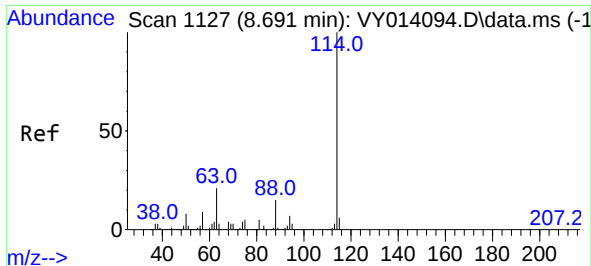
Tgt Ion: 56 Resp: 3865
Ion Ratio Lower Upper
56 100
69 170.1 27.8 41.6#
84 143.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.500 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Tgt Ion: 65 Resp: 127294
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8

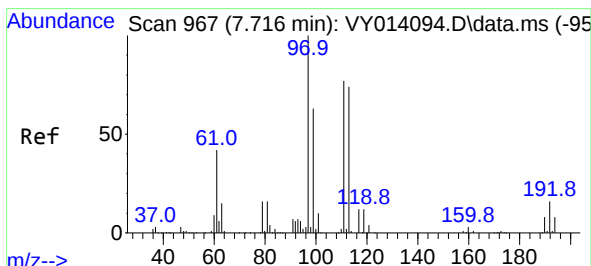
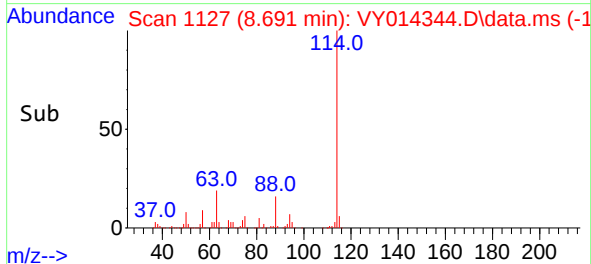
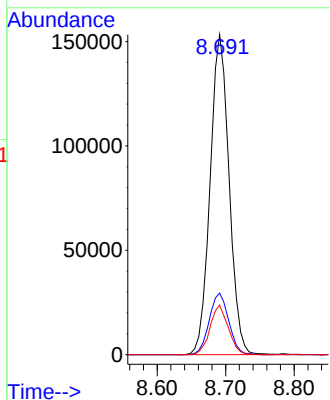
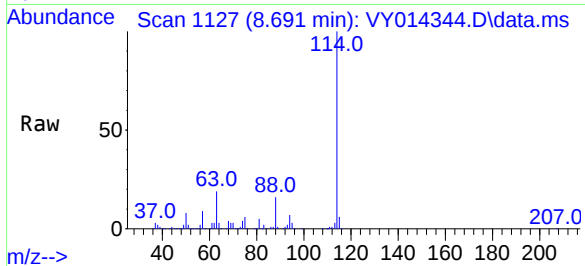




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

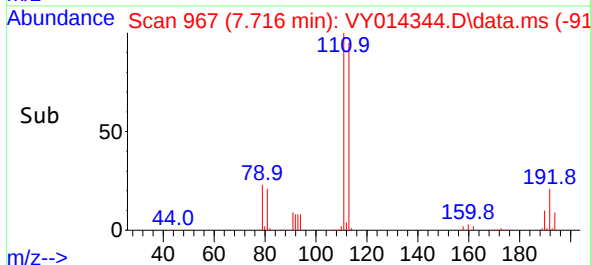
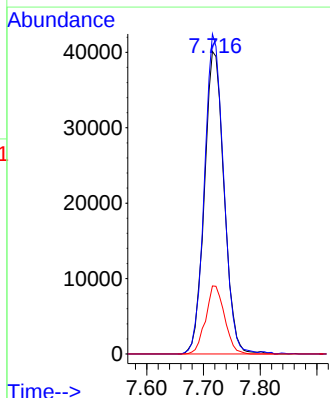
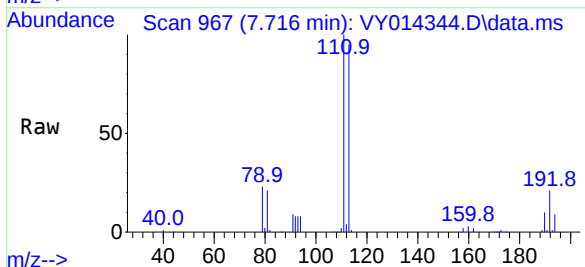
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(0-2)

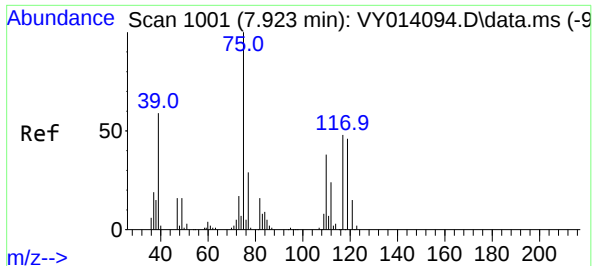
Tgt Ion:114 Resp: 294619
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.316 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Tgt Ion:113 Resp: 96771
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 21.6 16.9 25.3

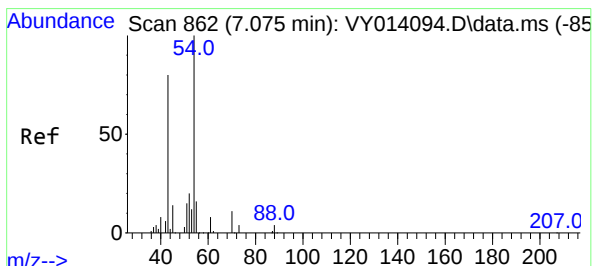
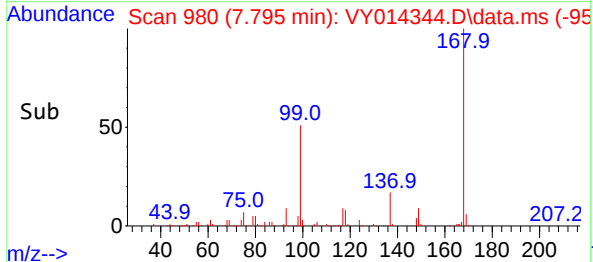
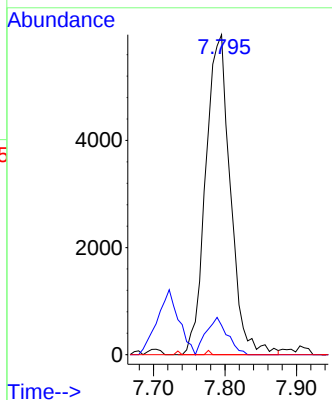
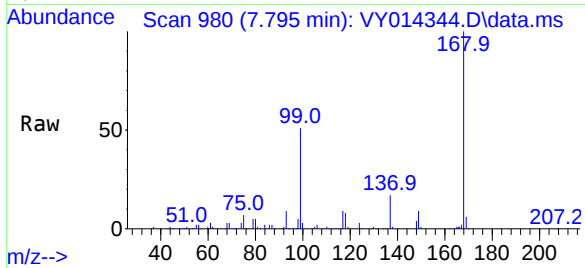




#36
1,1-Dichloropropene
Concen: 4.396 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

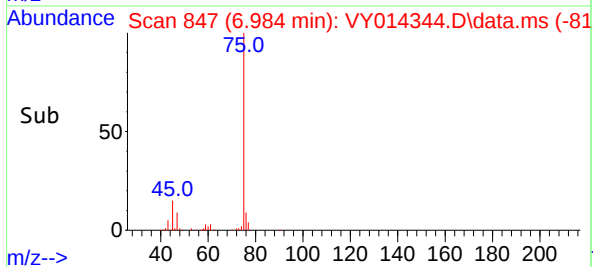
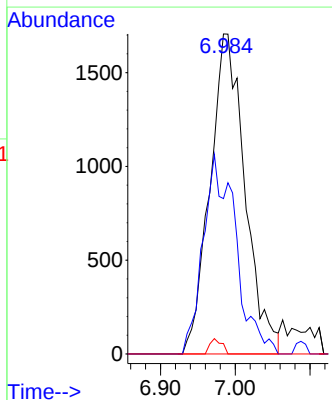
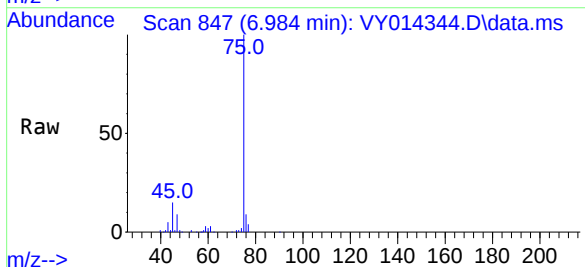
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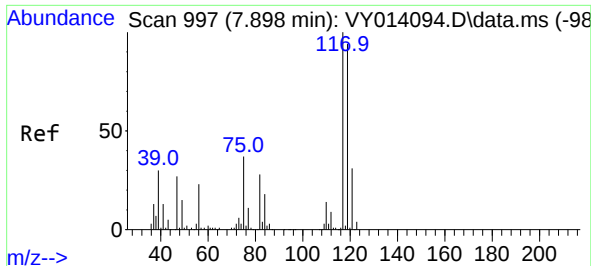
Tgt Ion: 75 Resp: 14319
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.2 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.473 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.091 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Tgt Ion: 43 Resp: 5559
Ion Ratio Lower Upper
43 100
61 58.0 10.1 15.1#
70 1.6 7.1 10.7#

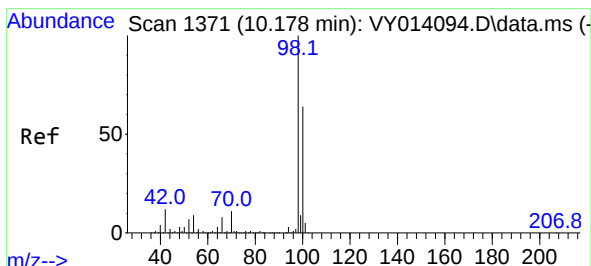
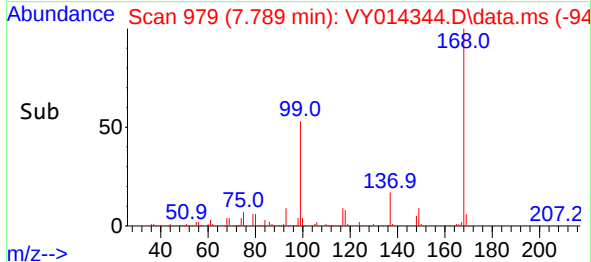
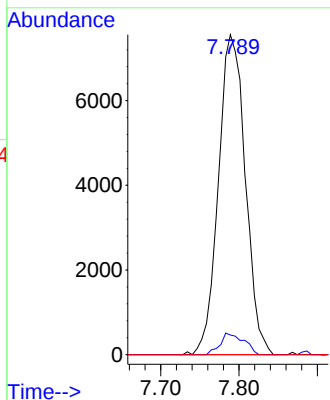
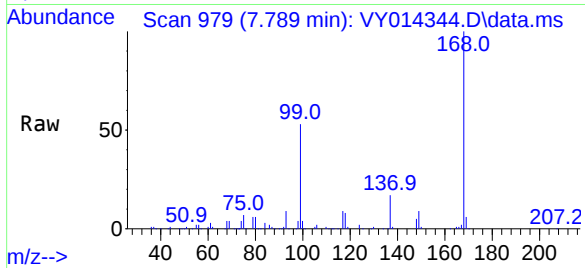




#38
Carbon Tetrachloride
Concen: 4.798 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

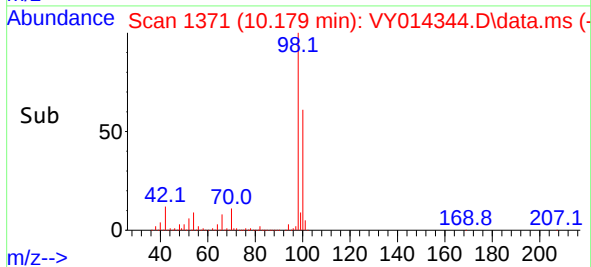
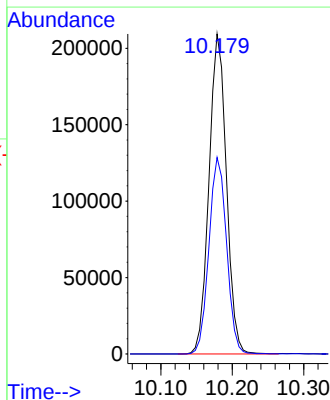
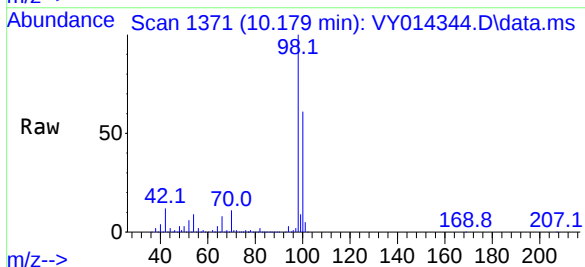
Instrument :
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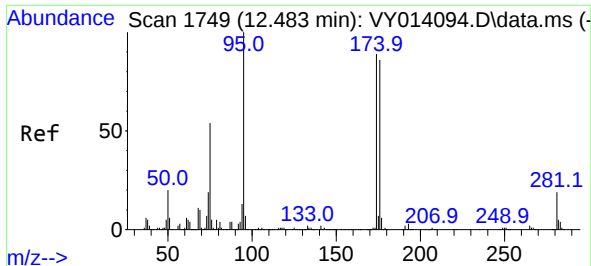
Tgt Ion:117 Resp: 18036
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.387 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Tgt Ion: 98 Resp: 354530
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

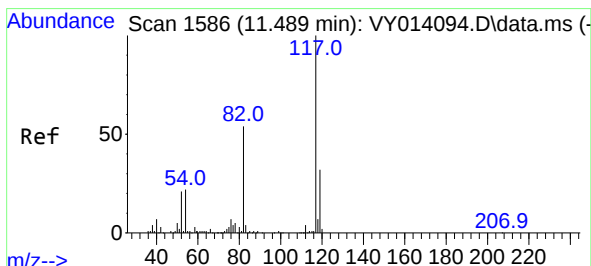
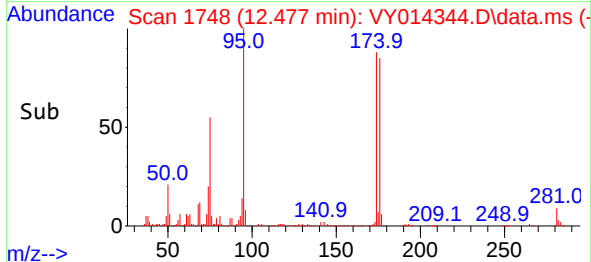
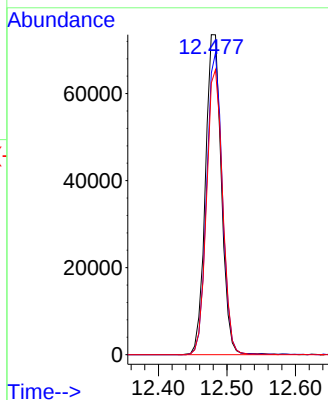
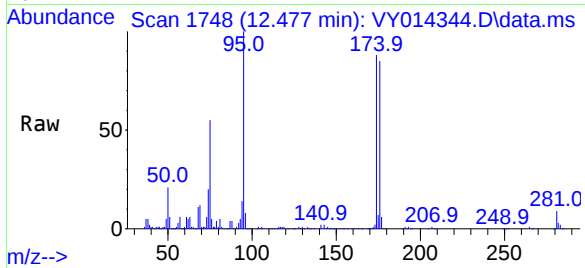




#62
4-Bromofluorobenzene
Concen: 42.848 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

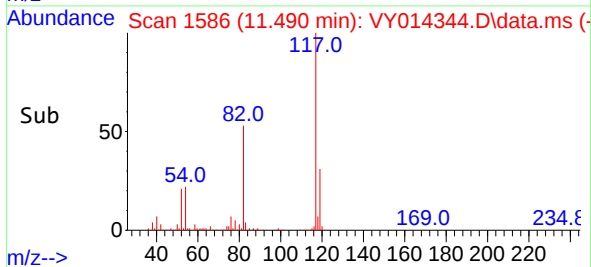
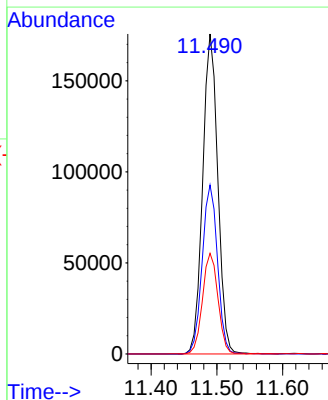
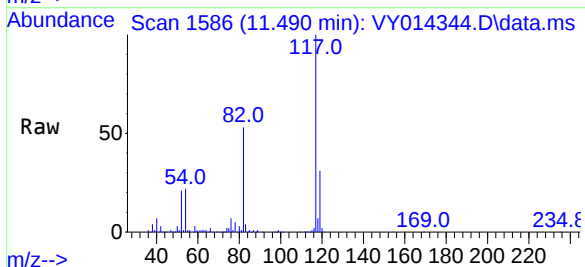
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(0-2)

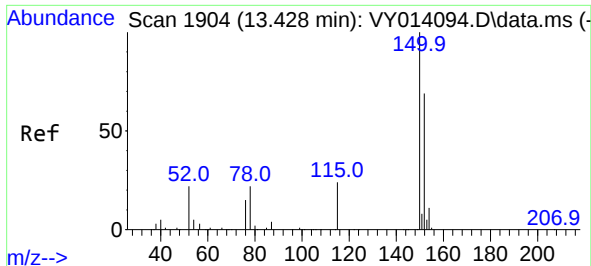
Tgt Ion: 95 Resp: 118894
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.2
176 89.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Tgt Ion: 117 Resp: 281164
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.4 26.3 39.5

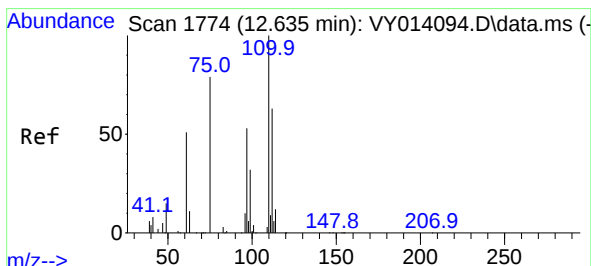
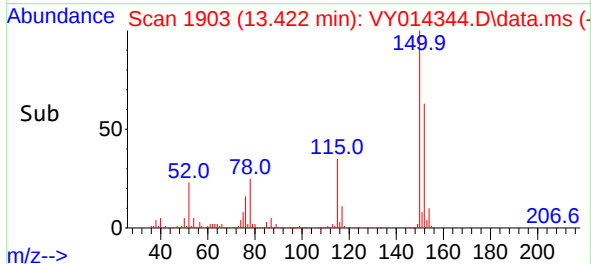
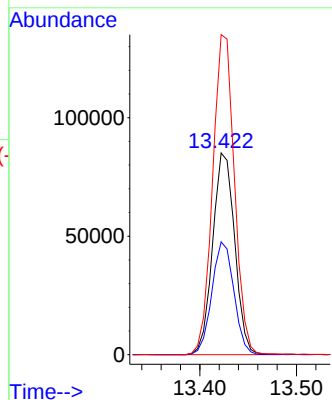
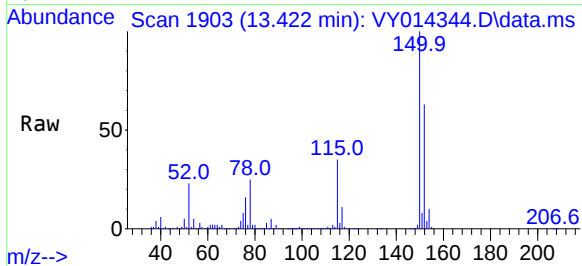




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

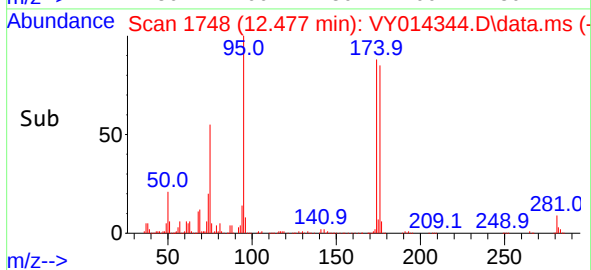
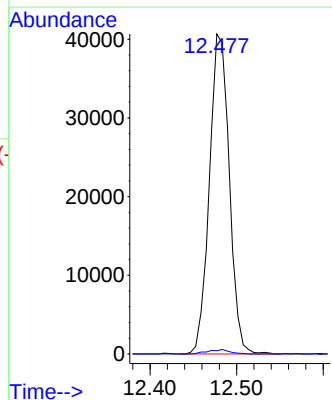
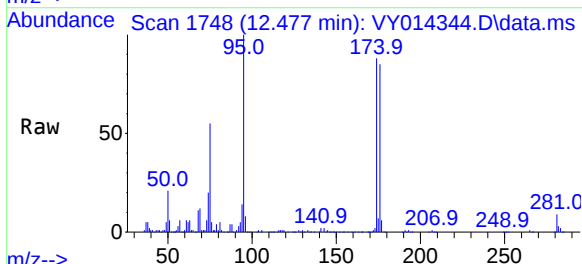
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(0-2)

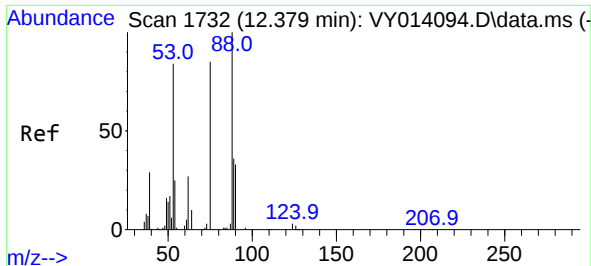
Tgt Ion:152 Resp: 134824
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 157.2 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 36.669 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014344.D
Acq: 21 Jun 2023 18:28

Tgt Ion: 75 Resp: 64863
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.265 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY014344.D
 Acq: 21 Jun 2023 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(0-2)

Tgt Ion: 75 Resp: 64863
 Ion Ratio Lower Upper
 75 100
 53 1.0 77.8 116.8#
 89 0.1 37.4 56.0#

