

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014334.D
 Acq On : 21 Jun 2023 14:34
 Operator : KP/MD
 Sample : 03337-04
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17

Quant Time: Jun 22 01:57:00 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)

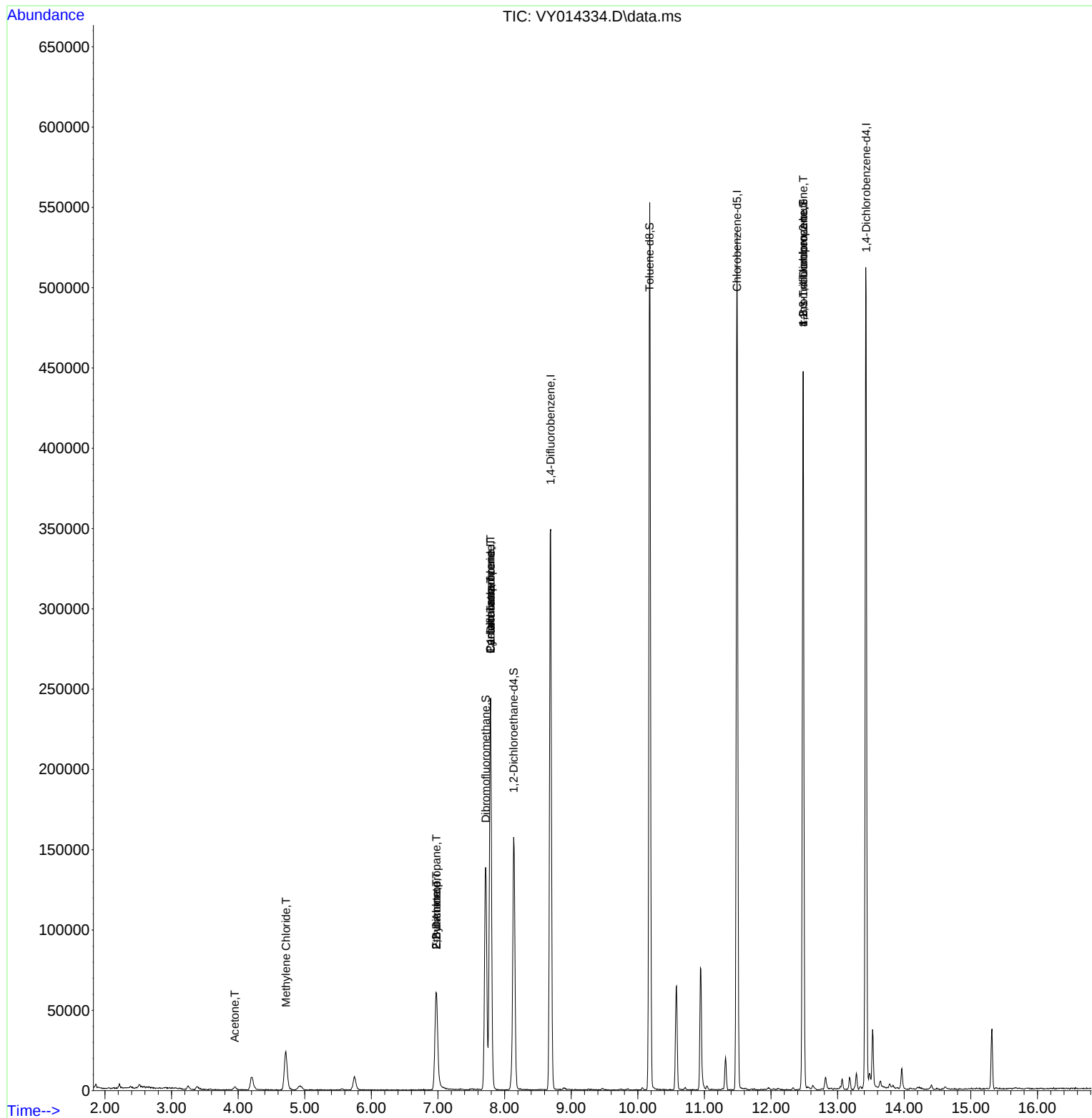
Internal Standards						
1) Pentafluorobenzene	7.789	168	189120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128080	48.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.260%
35) Dibromofluoromethane	7.716	113	96711	46.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.820%
50) Toluene-d8	10.179	98	354198	45.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.483	95	117502	42.456	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	3470	Below Cal	#	90
16) Acetone	3.948	43	3575	4.504	ug/l	96
20) Methylene Chloride	4.716	84	17737	3.677	ug/l	85
25) 2-Butanone	6.978	43	4021	4.115	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	4658	1.148	ug/l #	54
31) Cyclohexane	7.789	56	4169	1.182	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	14263	4.390	ug/l #	52
37) Ethyl Acetate	6.978	43	4021	1.794	ug/l #	1
38) Carbon Tetrachloride	7.789	117	18279	4.875	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	64638	37.222	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64638	80.461	ug/l #	11

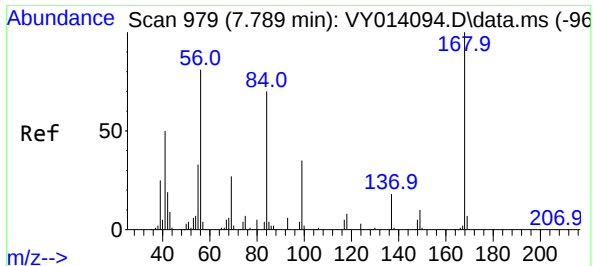
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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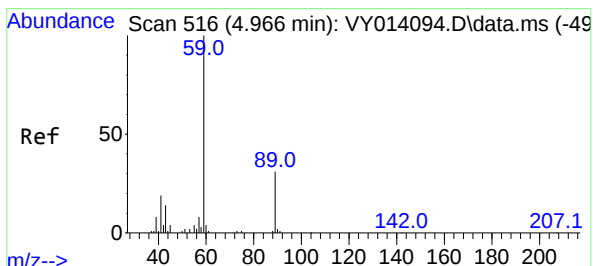
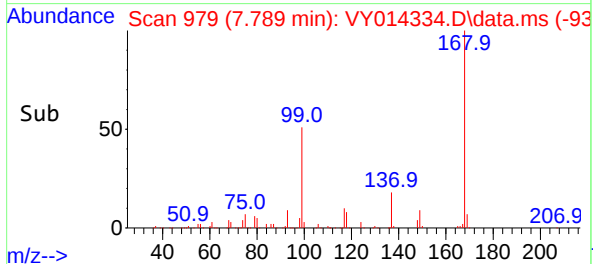
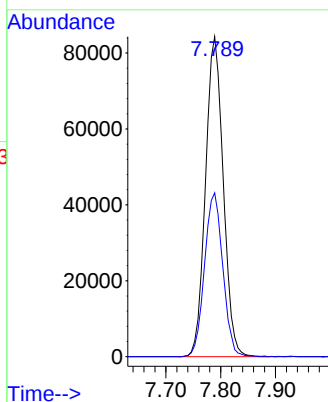
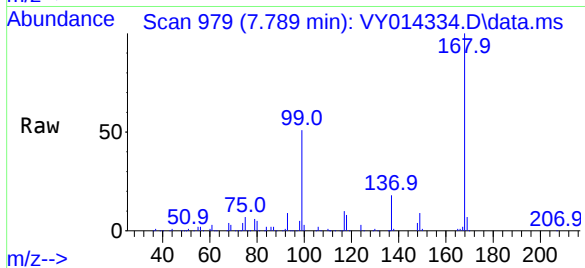




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

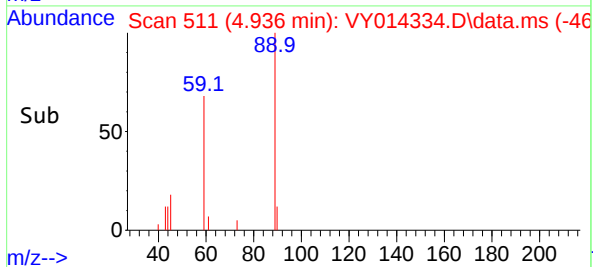
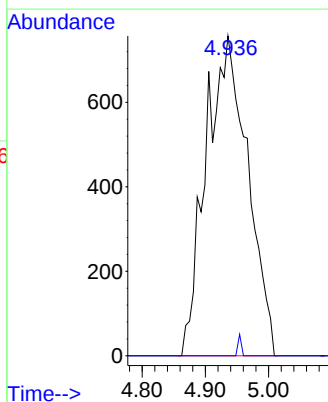
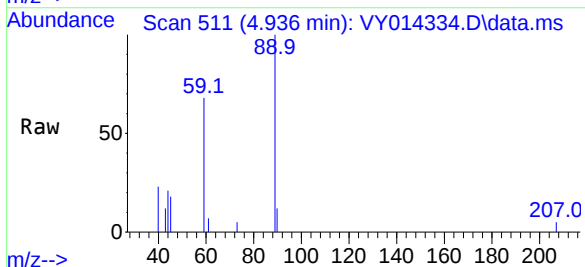
Instrument :
MSVOA_Y
ClientSampleId :
WC-17

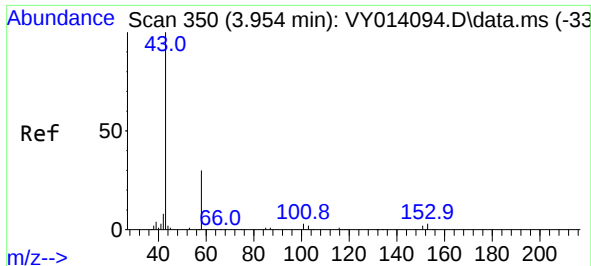
Tgt Ion:168 Resp: 189120
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion: 59 Resp: 3470
Ion Ratio Lower Upper
59 100
57 0.5 3.0 4.4#

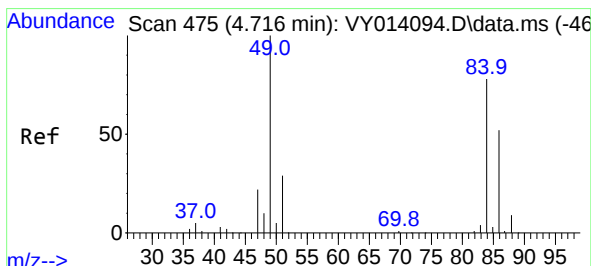
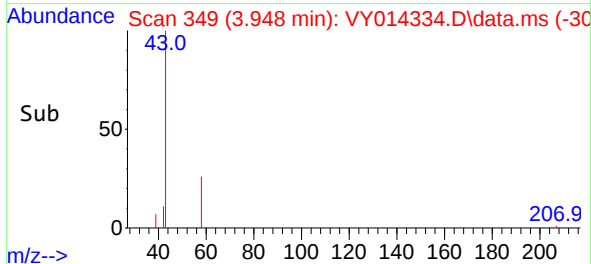
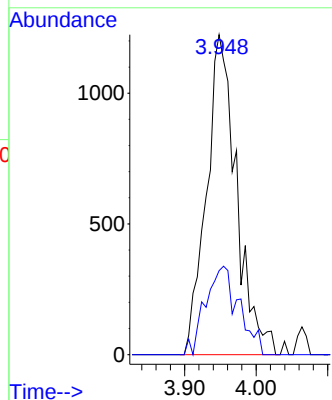
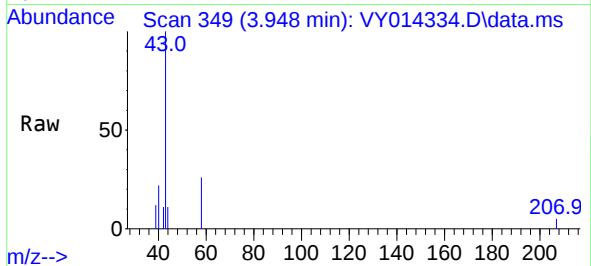




#16
Acetone
Concen: 4.504 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

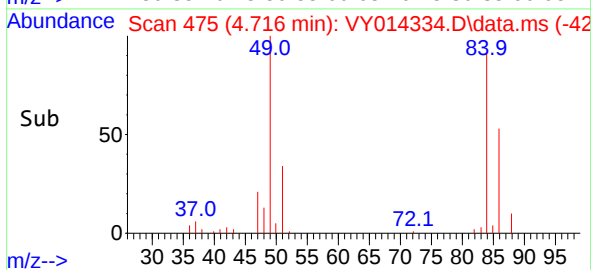
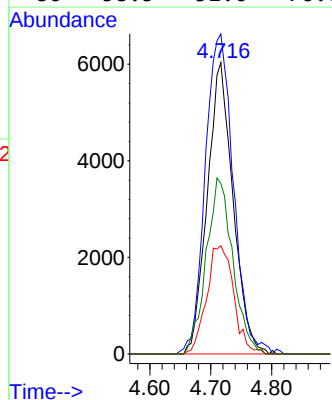
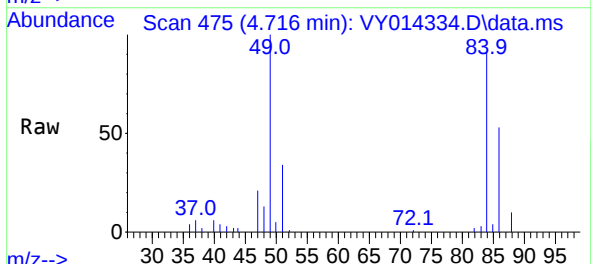
Instrument :
MSVOA_Y
ClientSampleId :
WC-17

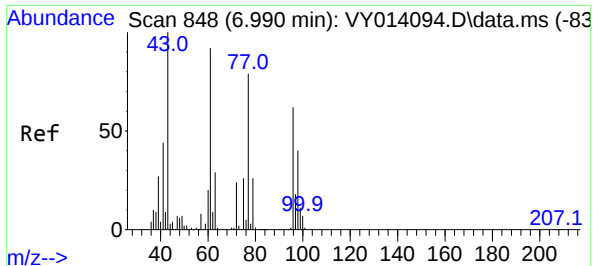
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 26.2 22.7 34.1



#20
Methylene Chloride
Concen: 3.677 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion: 84 Resp: 17737
Ion Ratio Lower Upper
84 100
49 108.9 106.9 160.3
51 37.1 33.2 49.8
86 58.5 51.0 76.6

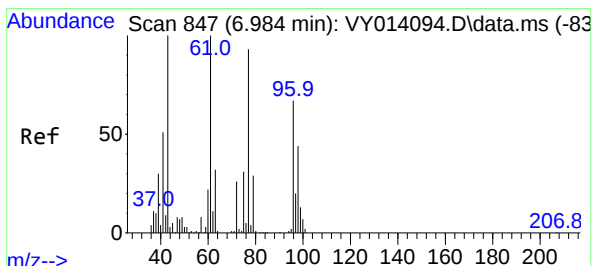
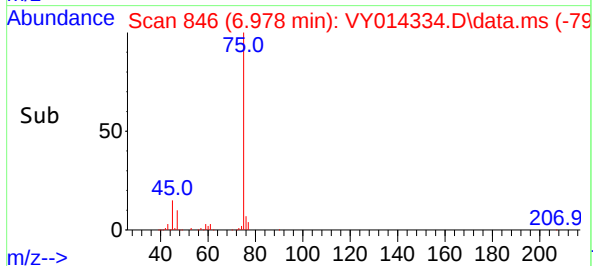
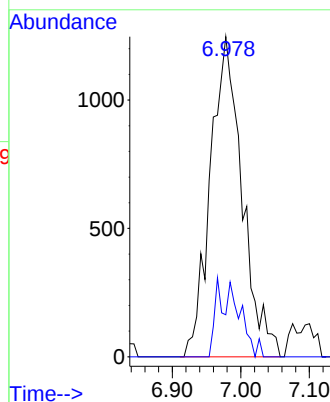
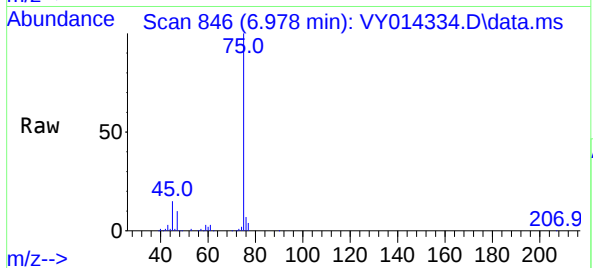




#25
2-Butanone
Concen: 4.115 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

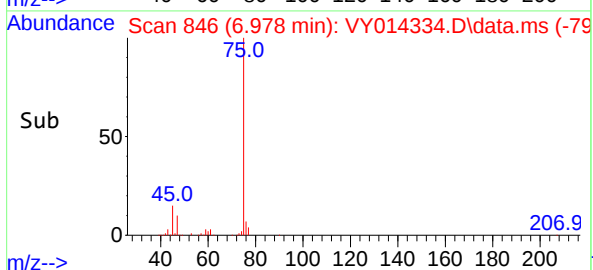
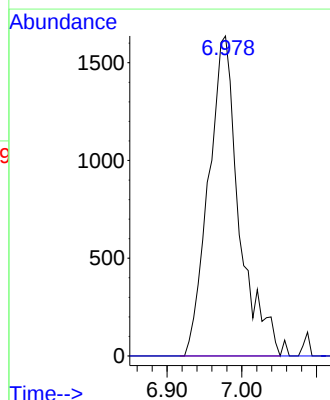
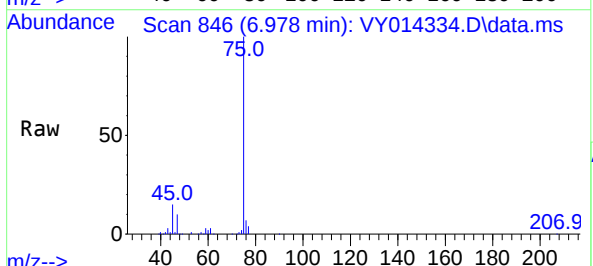
Instrument :
MSVOA_Y
ClientSampleId :
WC-17

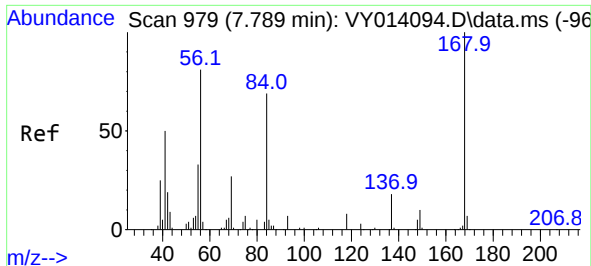
Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
72 13.2 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.148 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

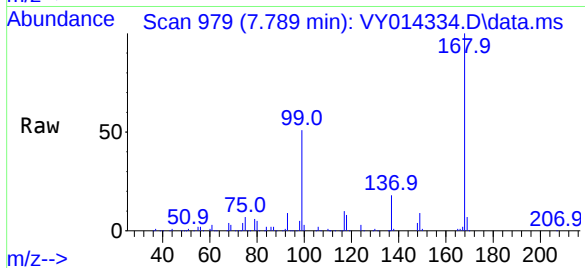
Tgt Ion: 77 Resp: 4658
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



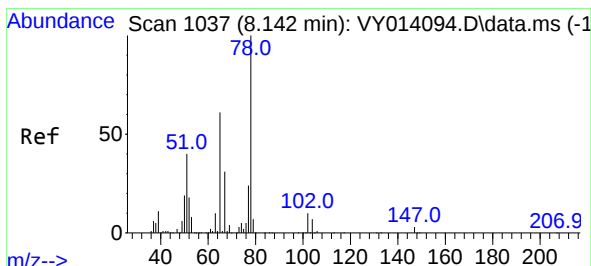
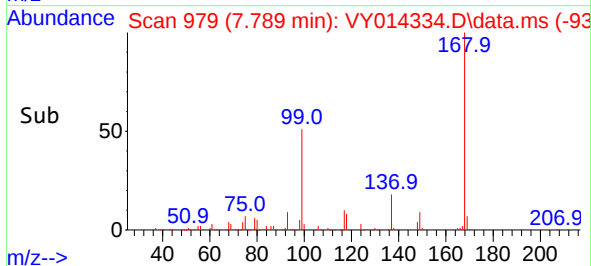
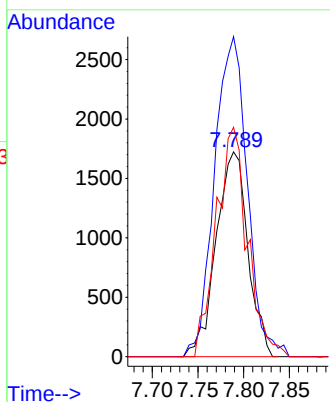


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
WC-17

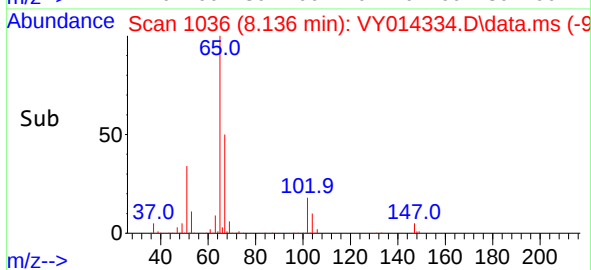
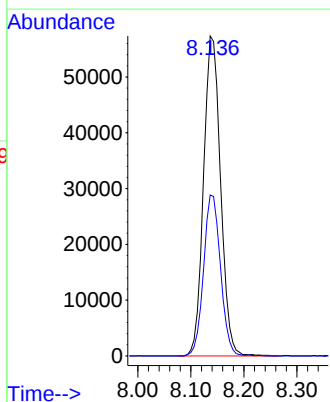
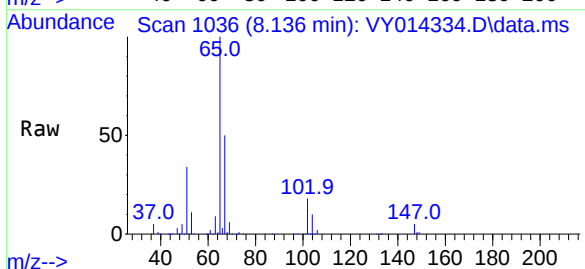


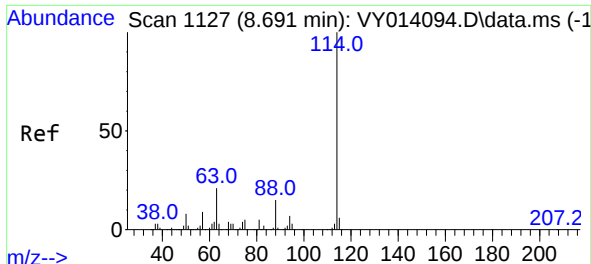
Tgt Ion: 56 Resp: 4169
Ion Ratio Lower Upper
56 100
69 156.2 27.8 41.6#
84 112.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.634 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion: 65 Resp: 128080
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8



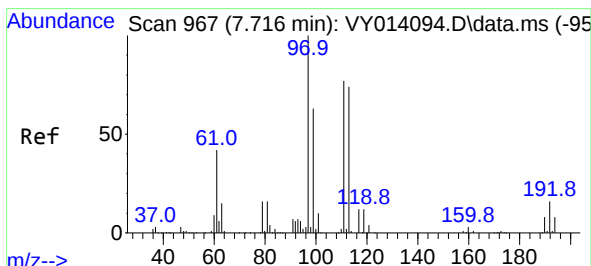
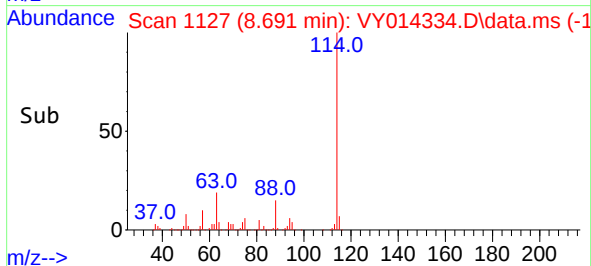
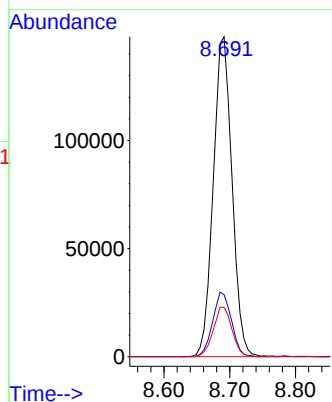
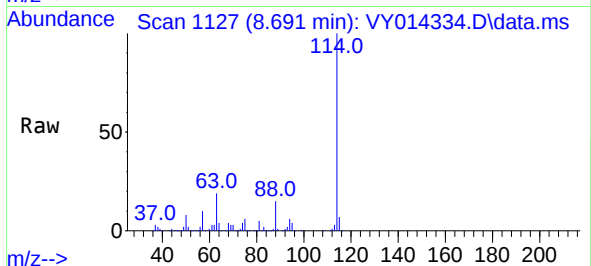


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Instrument :
MSVOA_Y
ClientSampleId :
WC-17

Tgt Ion:114 Resp: 293854

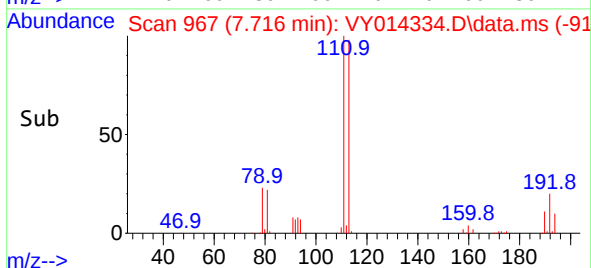
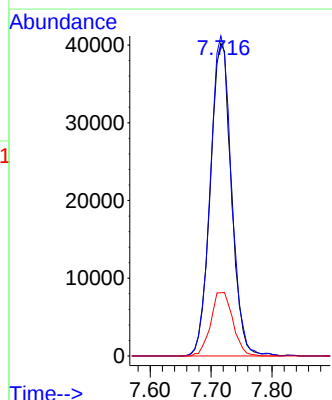
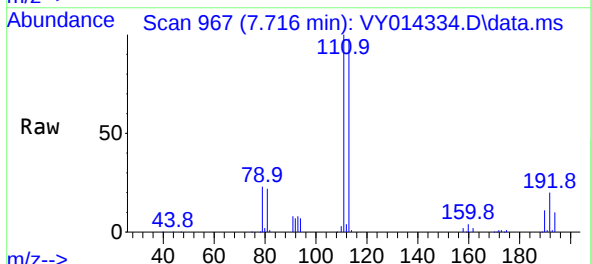
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	15.4	0.0	30.6

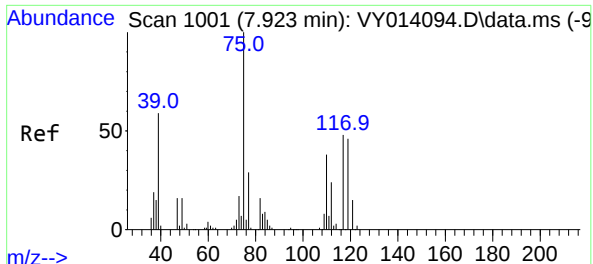


#35
Dibromofluoromethane
Concen: 46.408 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion:113 Resp: 96711

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	21.3	16.9	25.3

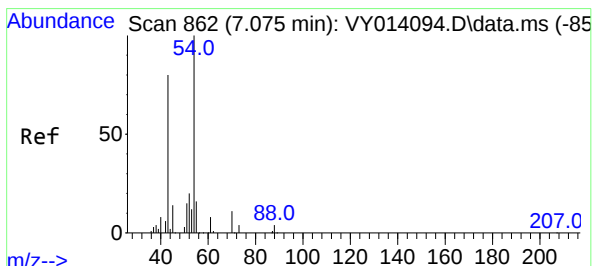
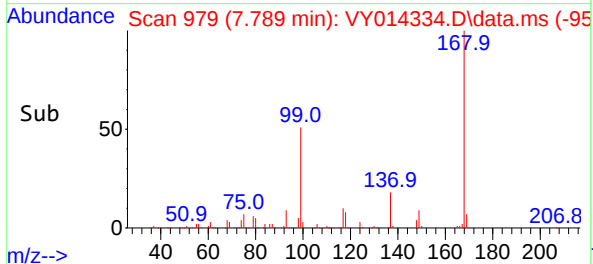
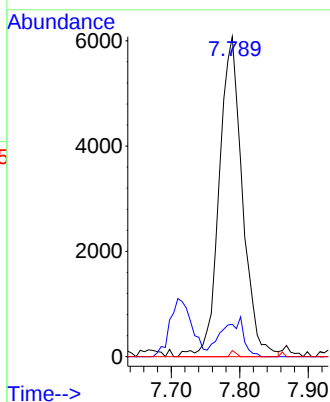
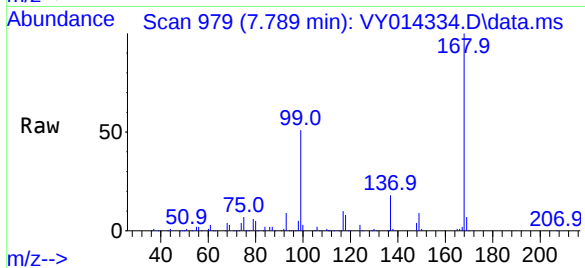




#36
1,1-Dichloropropene
Concen: 4.390 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

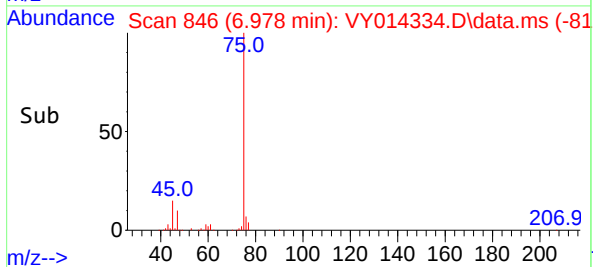
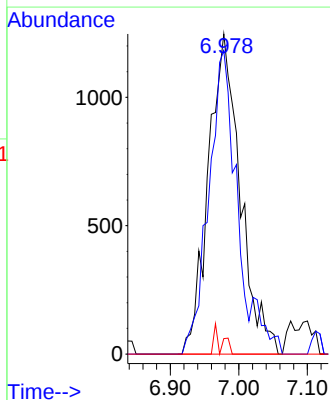
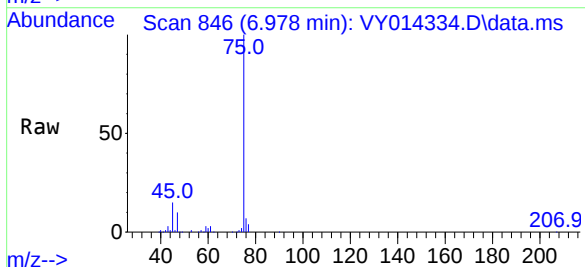
Instrument :
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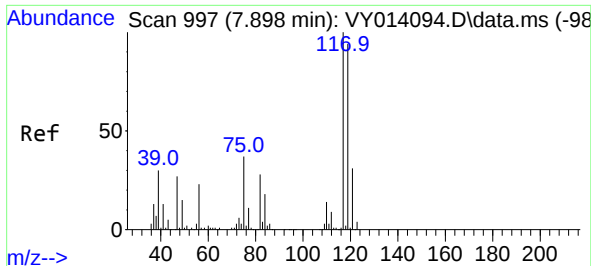
Tgt Ion: 75 Resp: 14263
Ion Ratio Lower Upper
75 100
110 11.6 17.8 53.5#
77 0.5 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.794 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.097 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion: 43 Resp: 4021
Ion Ratio Lower Upper
43 100
61 78.6 10.1 15.1#
70 2.2 7.1 10.7#

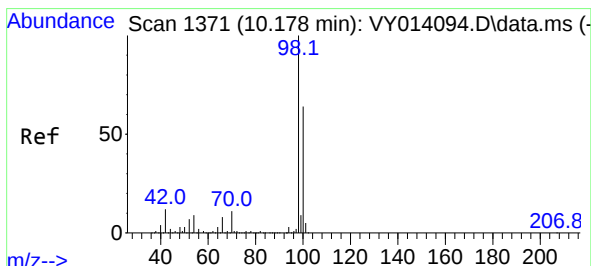
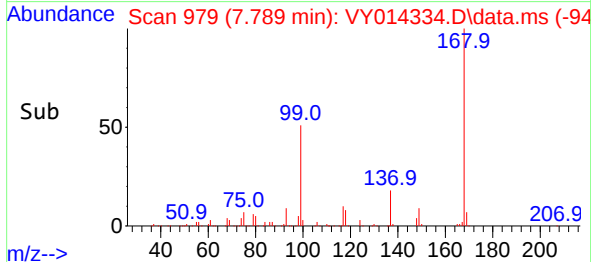
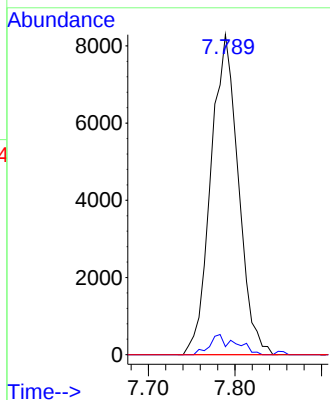
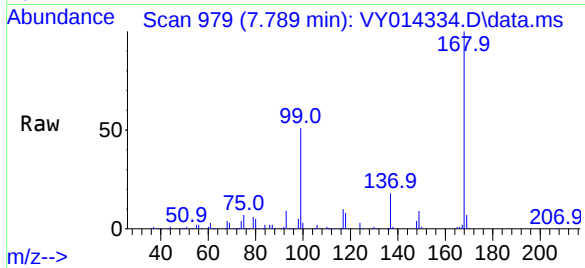




#38
Carbon Tetrachloride
Concen: 4.875 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

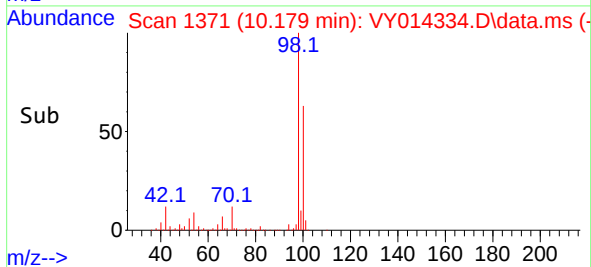
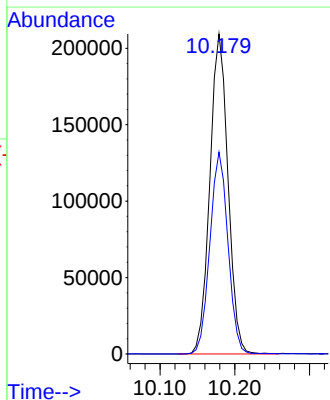
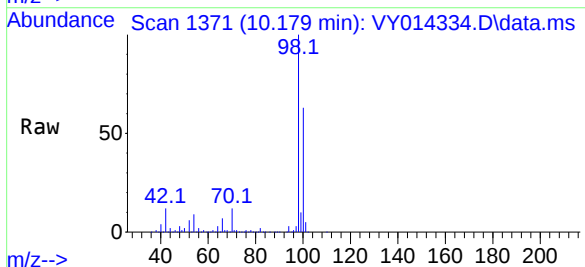
Instrument :
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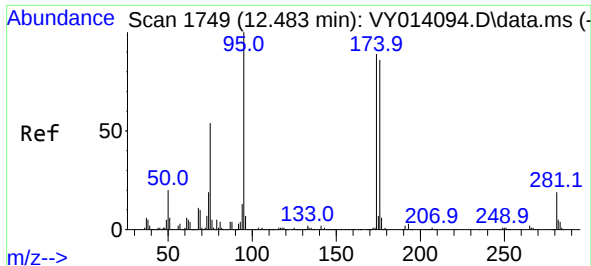
Tgt Ion:117 Resp: 18279
Ion Ratio Lower Upper
117 100
119 2.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.462 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion: 98 Resp: 354198
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

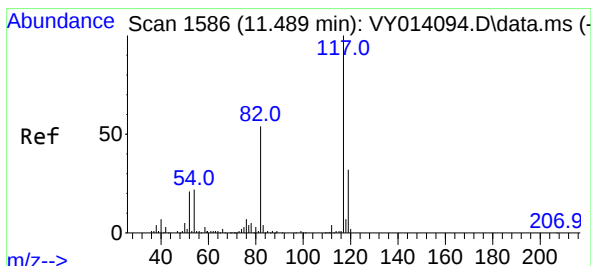
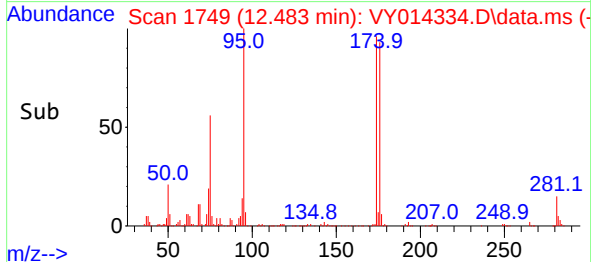
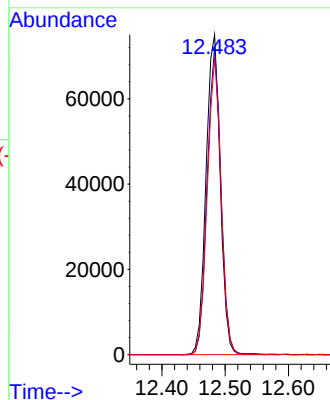
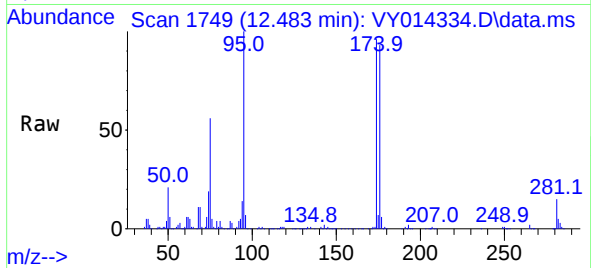




#62
4-Bromofluorobenzene
Concen: 42.456 ug/l
RT: 12.483 min Scan# 117502
Delta R.T. 0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

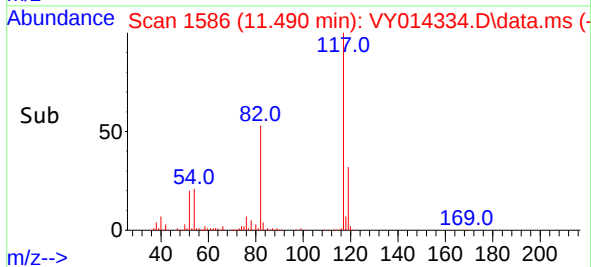
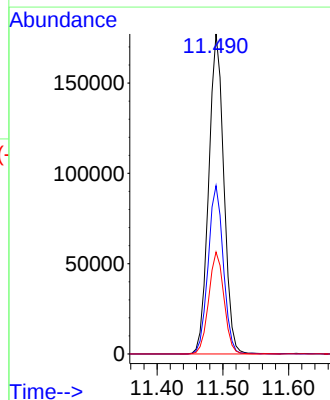
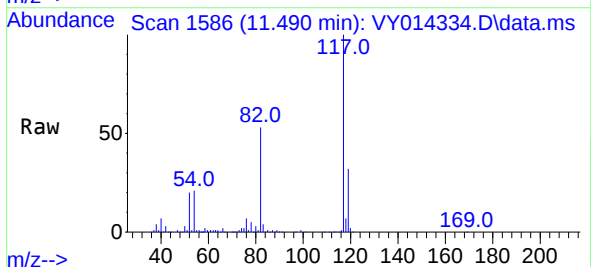
Instrument :
MSVOA_Y
ClientSampleId :
WC-17

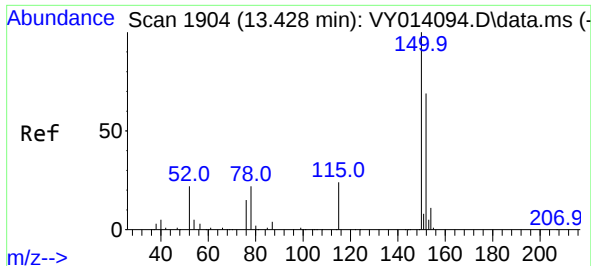
Tgt Ion:	95	Resp:	117502
Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	178.2
176	90.1	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion:	117	Resp:	283843
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.4	65.0
119	31.9	26.3	39.5

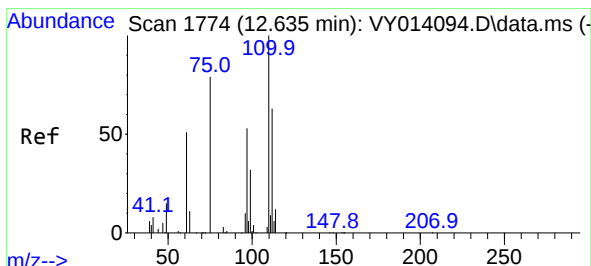
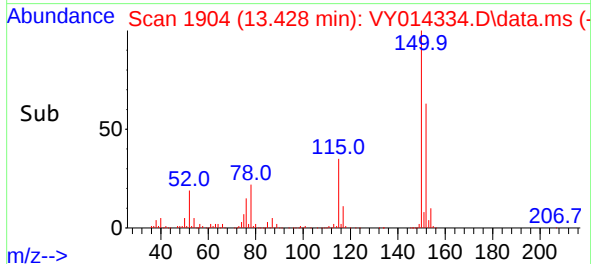
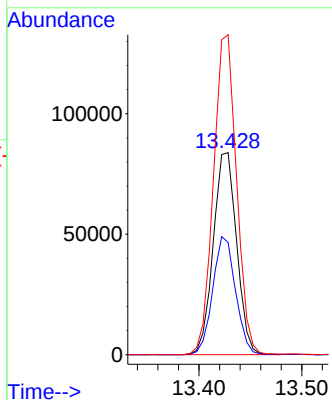
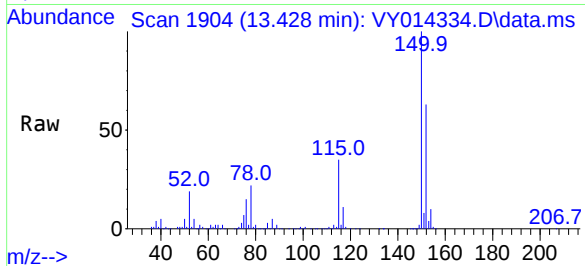




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

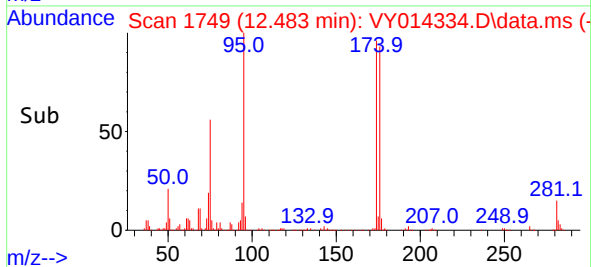
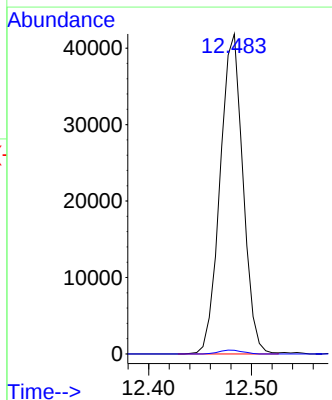
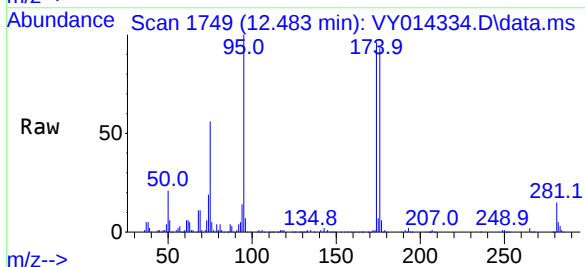
Instrument :
MSVOA_Y
ClientSampleId :
WC-17

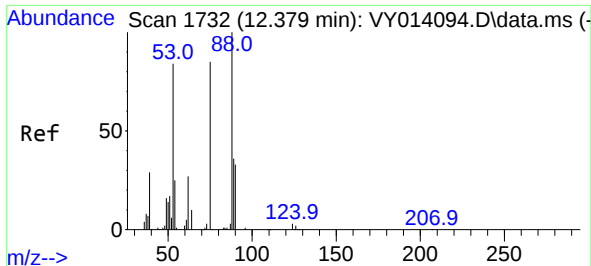
Tgt Ion:152 Resp: 132360
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 156.4 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 37.222 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014334.D
Acq: 21 Jun 2023 14:34

Tgt Ion: 75 Resp: 64638
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.461 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014334.D
 Acq: 21 Jun 2023 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17

Tgt Ion: 75 Resp: 64638
 Ion Ratio Lower Upper
 75 100
 53 0.4 77.8 116.8#
 89 0.2 37.4 56.0#

