

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014298.D
 Acq On : 20 Jun 2023 21:01
 Operator : KP/MD
 Sample : 03321-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-24

Quant Time: Jun 21 02:10:19 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)

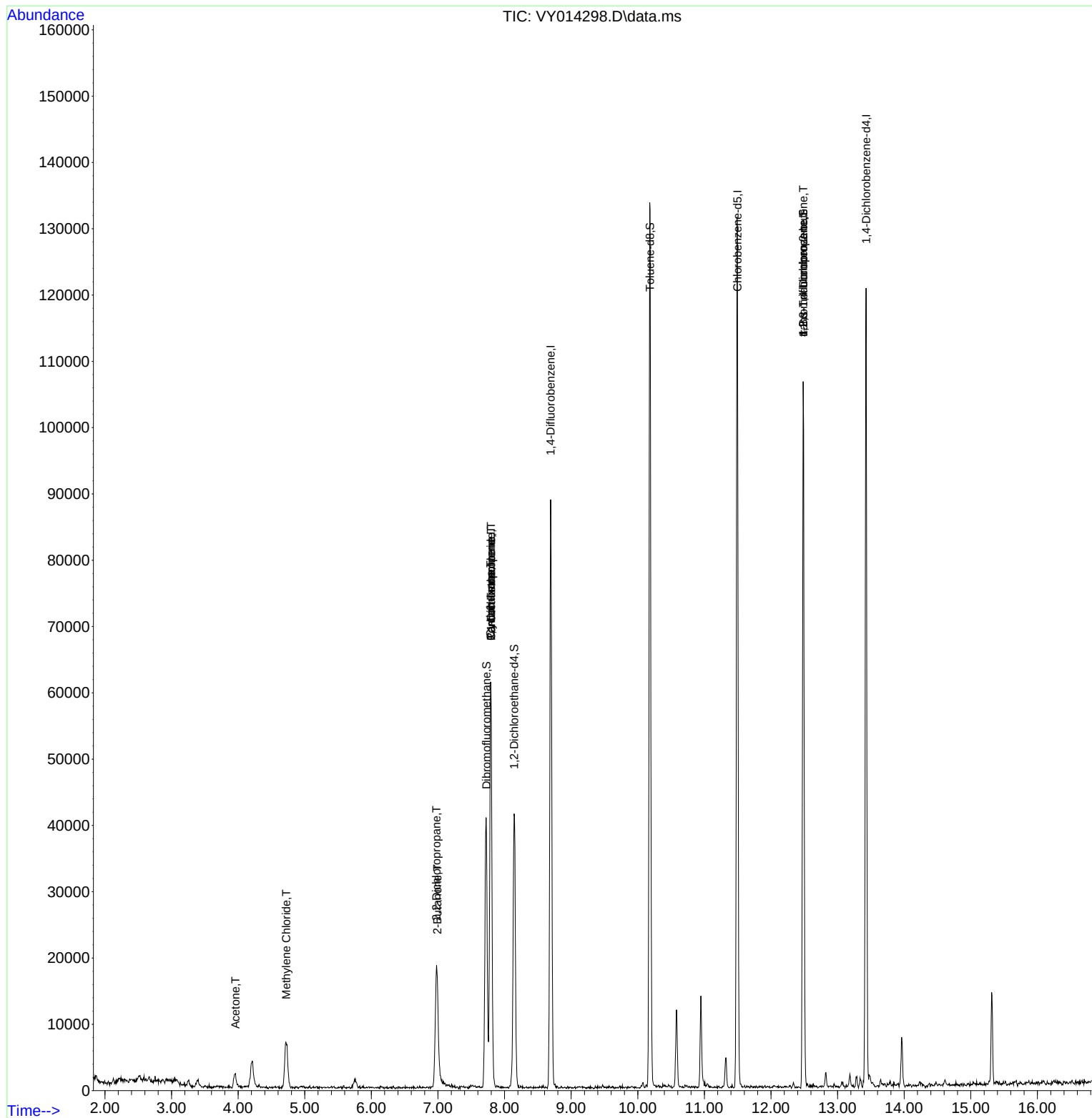
Internal Standards						
1) Pentafluorobenzene	7.795	168	48671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	71336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	35633	52.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.160%	
35) Dibromofluoromethane	7.728	113	28288	53.762	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.520%	
50) Toluene-d8	10.185	98	88913	45.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.400%	
62) 4-Bromofluorobenzene	12.483	95	26651	38.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	510	Below Cal	#	89
16) Acetone	3.960	43	3864	18.914	ug/l #	81
20) Methylene Chloride	4.723	84	5370	5.007	ug/l #	89
25) 2-Butanone	6.990	43	1358	5.400	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	1506	1.442	ug/l #	54
31) Cyclohexane	7.789	56	1104	1.216	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	3690	4.498	ug/l #	49
38) Carbon Tetrachloride	7.795	117	4771	5.040	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	14291	33.841	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14291	73.151	ug/l #	10

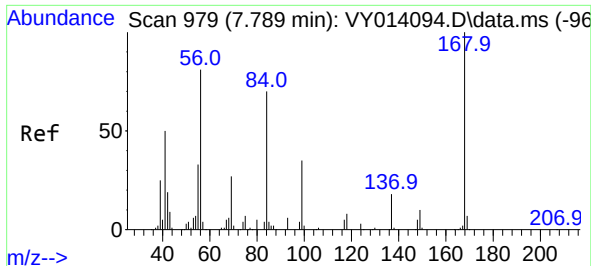
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
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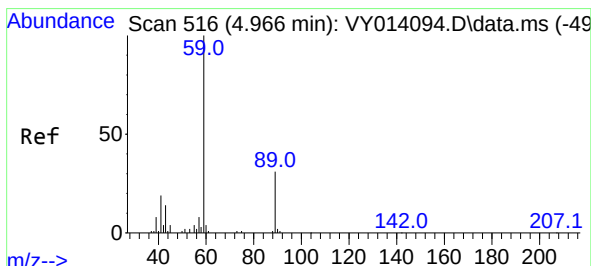
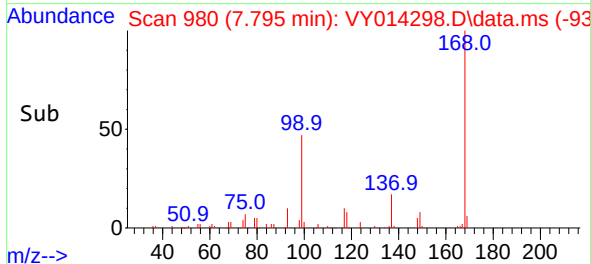
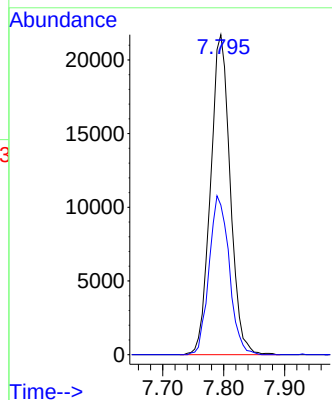
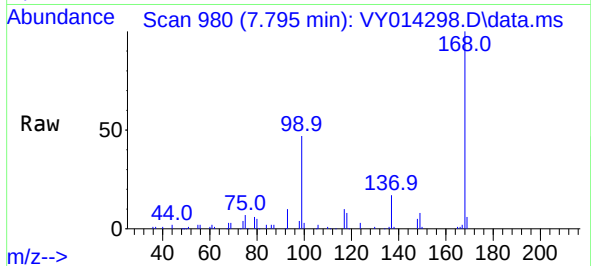




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

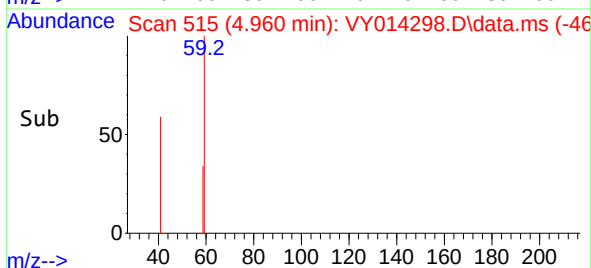
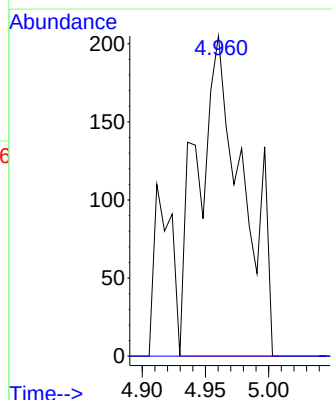
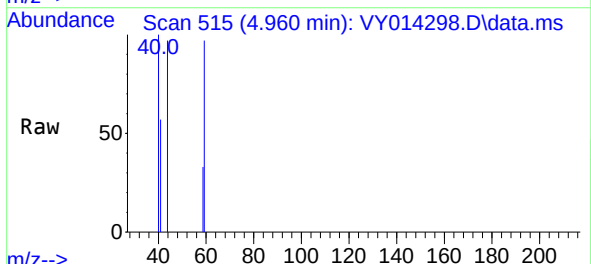
Instrument :
MSVOA_Y
ClientSampleId :
WC-24

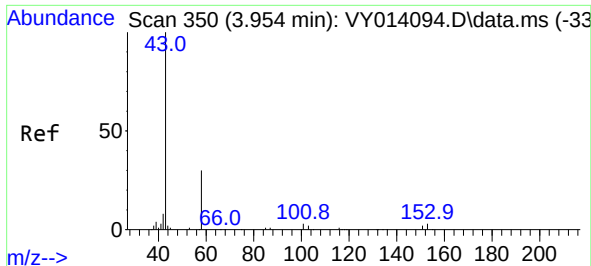
Tgt Ion:168 Resp: 48671
Ion Ratio Lower Upper
168 100
99 46.8 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

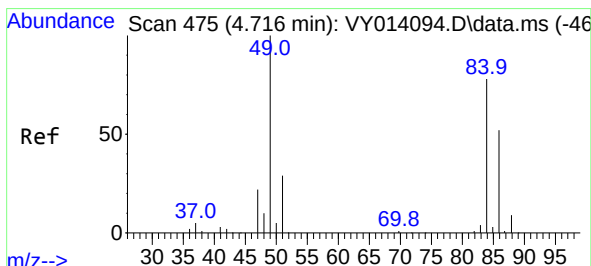
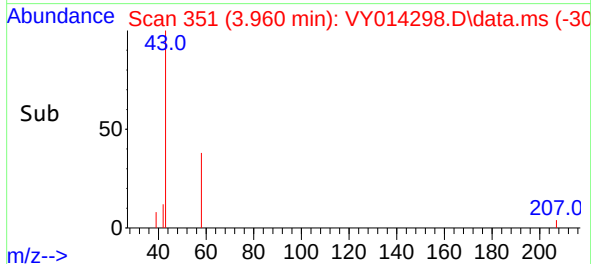
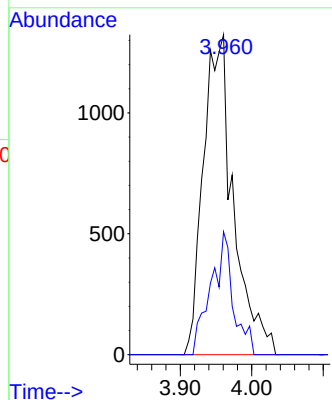
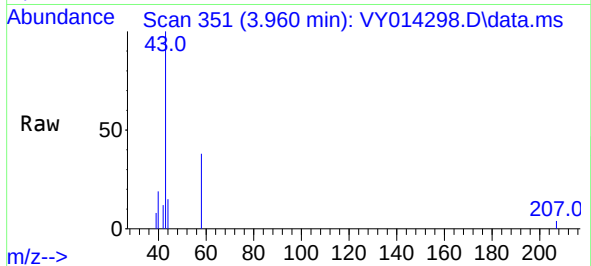




#16
Acetone
Concen: 18.914 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

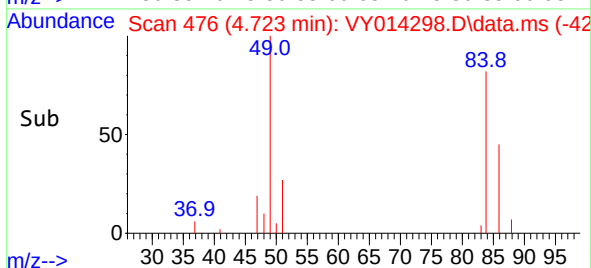
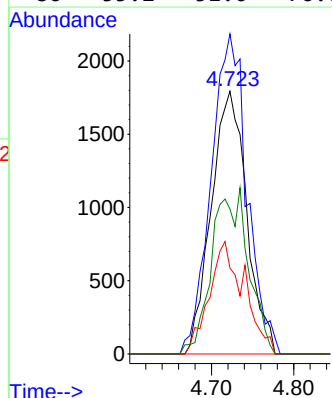
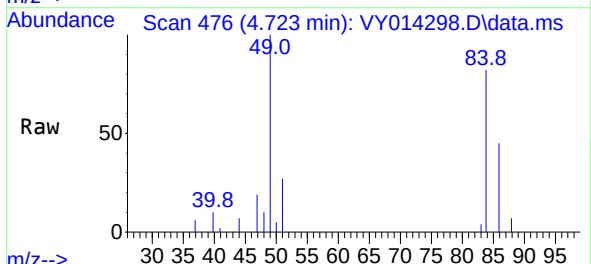
Instrument :
MSVOA_Y
ClientSampleId :
WC-24

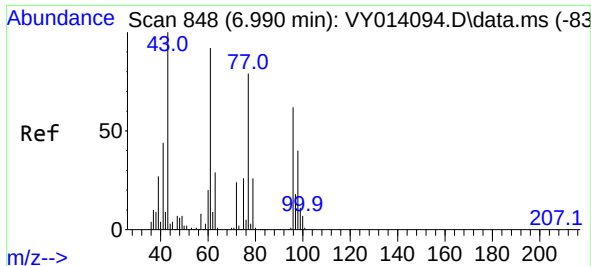
Tgt Ion: 43 Resp: 3864
Ion Ratio Lower Upper
43 100
58 38.4 22.7 34.1#



#20
Methylene Chloride
Concen: 5.007 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion: 84 Resp: 5370
Ion Ratio Lower Upper
84 100
49 121.8 106.9 160.3
51 32.6 33.2 49.8#
86 55.2 51.0 76.6

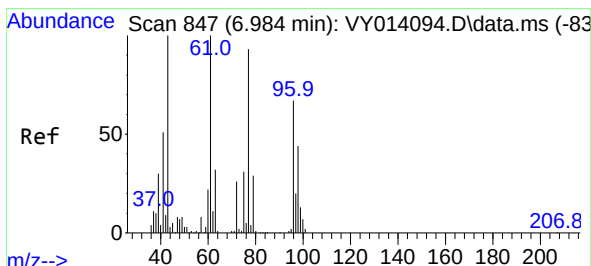
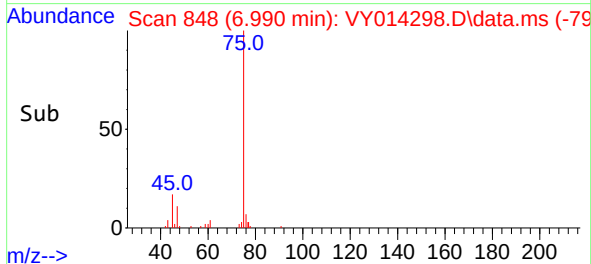
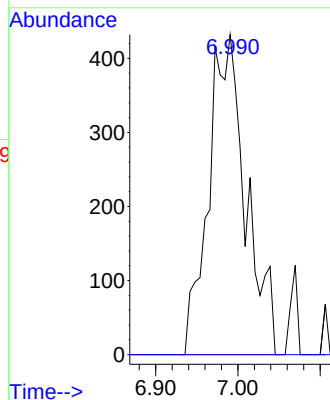
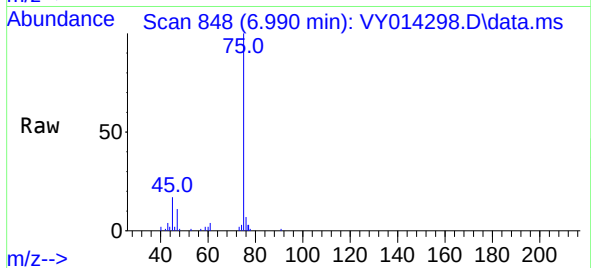




#25
2-Butanone
Concen: 5.400 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

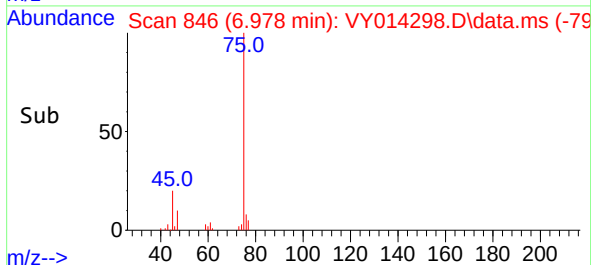
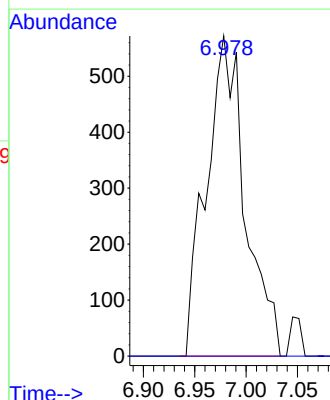
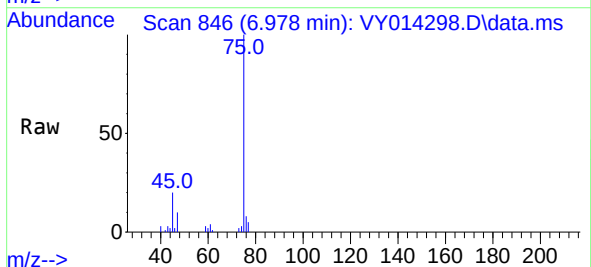
Instrument :
MSVOA_Y
ClientSampleId :
WC-24

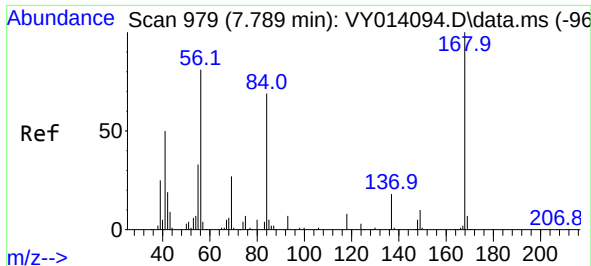
Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.442 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion: 77 Resp: 1506
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

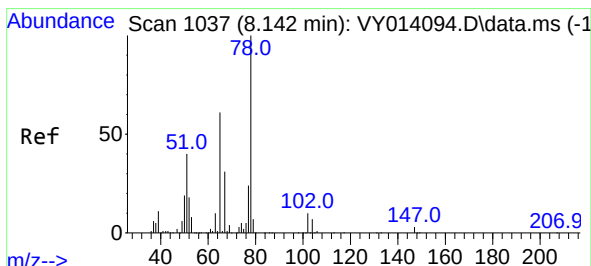
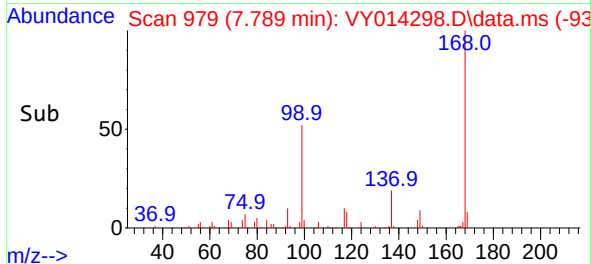
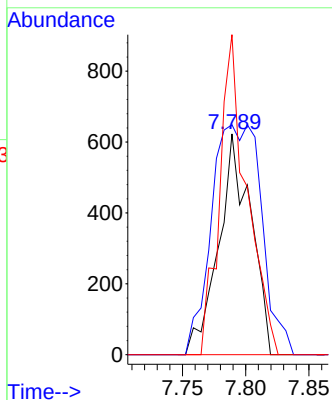
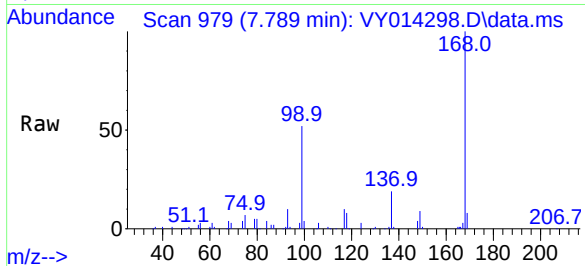




#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

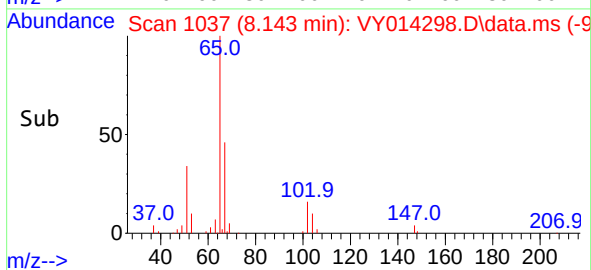
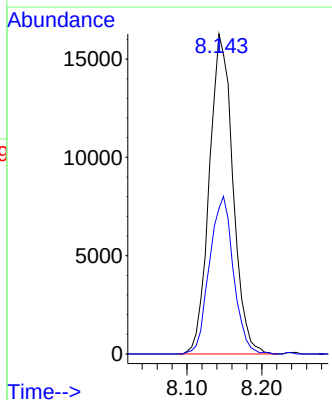
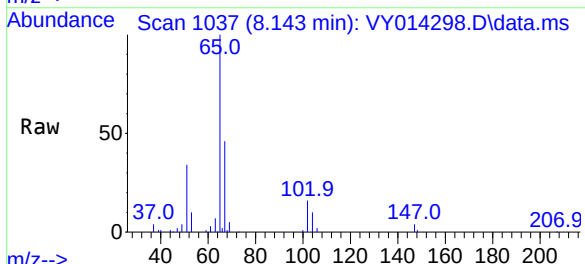
Instrument :
MSVOA_Y
ClientSampleId :
WC-24

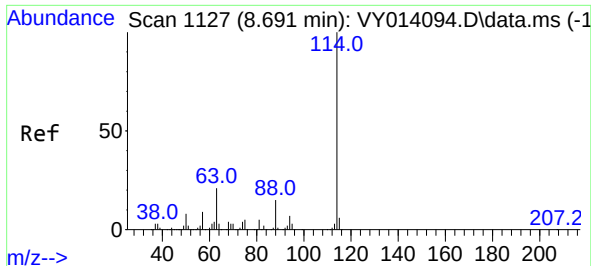
Tgt Ion: 56 Resp: 1104
Ion Ratio Lower Upper
56 100
69 104.2 27.8 41.6#
84 144.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 52.575 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion: 65 Resp: 35633
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: VY014298.D

Acq: 20 Jun 2023 21:01

Instrument :

MSVOA_Y

ClientSampleId :

WC-24

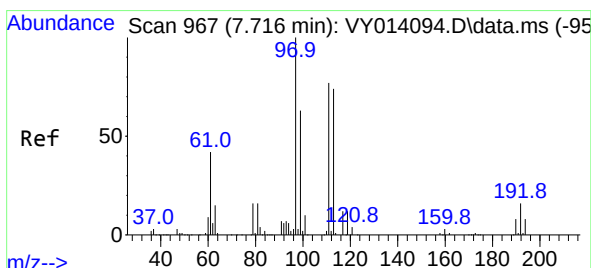
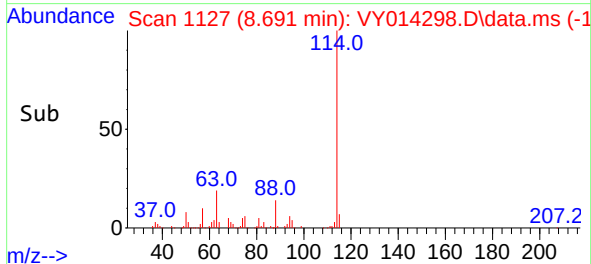
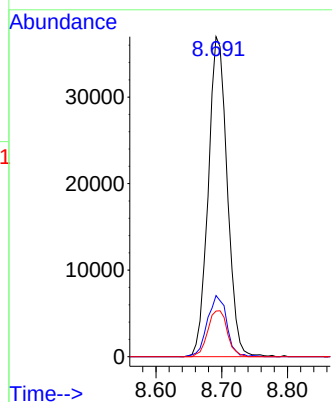
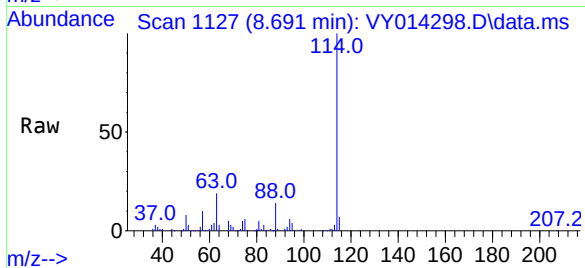
Tgt Ion:114 Resp: 74194

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.762 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014298.D

Acq: 20 Jun 2023 21:01

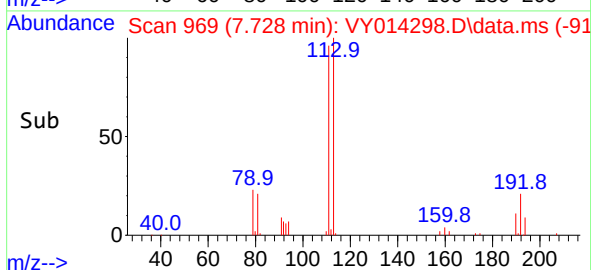
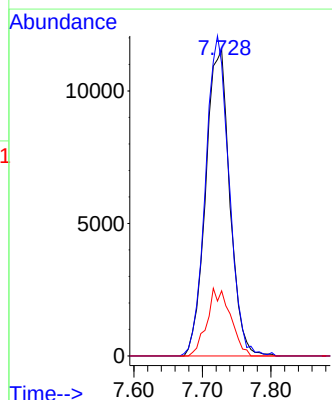
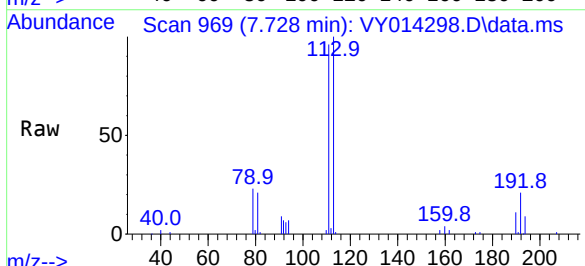
Tgt Ion:113 Resp: 28288

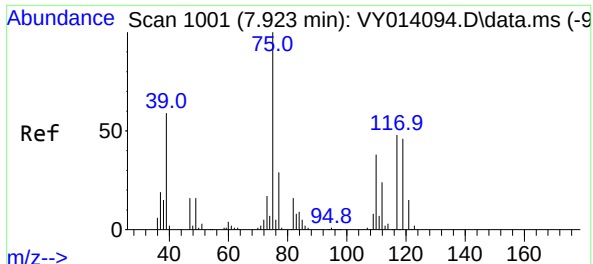
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 21.4 16.9 25.3

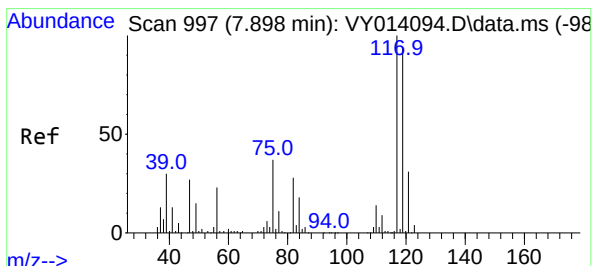
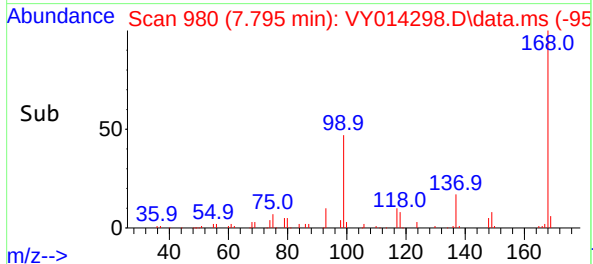
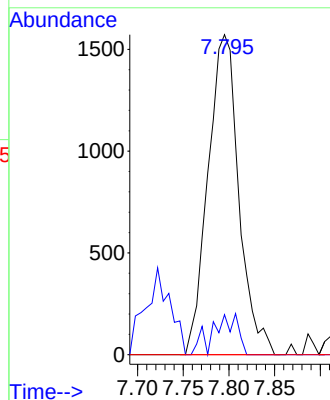
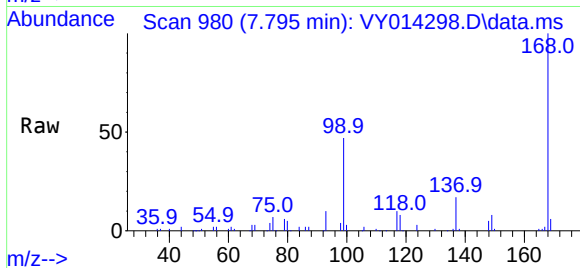




#36
1,1-Dichloropropene
Concen: 4.498 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

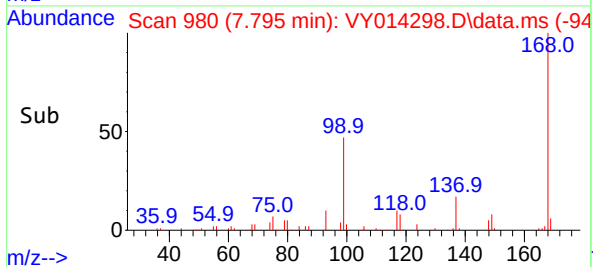
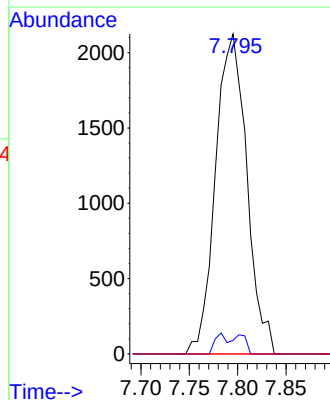
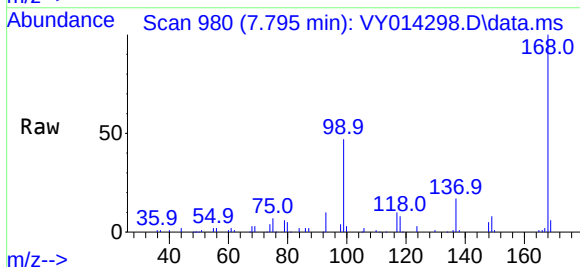
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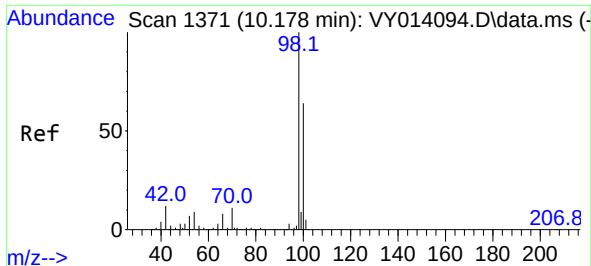
Tgt Ion: 75 Resp: 3690
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.040 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.103 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion: 117 Resp: 4771
Ion Ratio Lower Upper
117 100
119 4.2 76.4 114.6#
121 0.0 25.8 38.6#

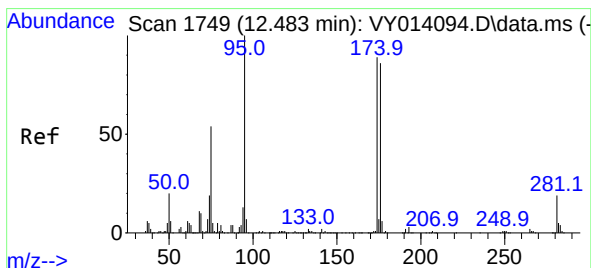
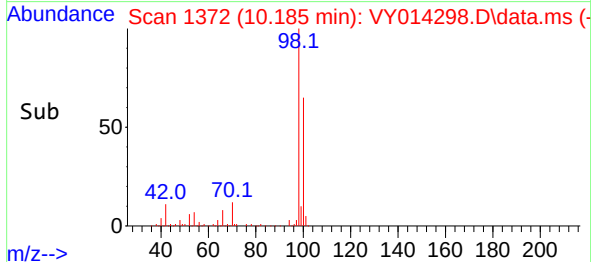
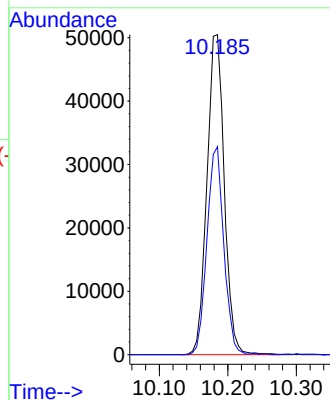
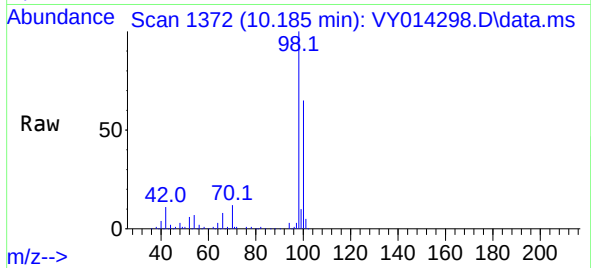




#50
Toluene-d8
Concen: 45.199 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

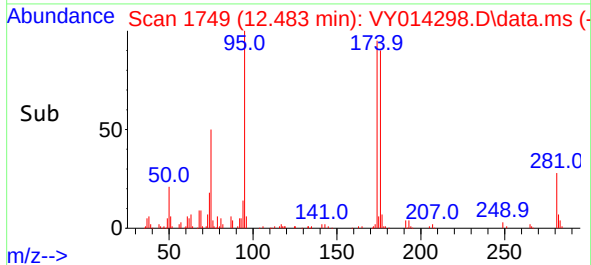
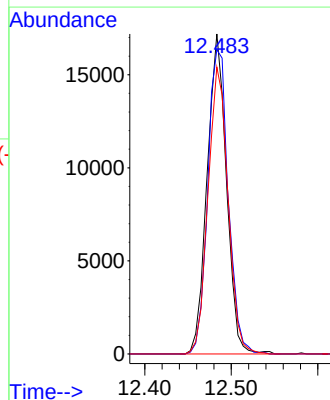
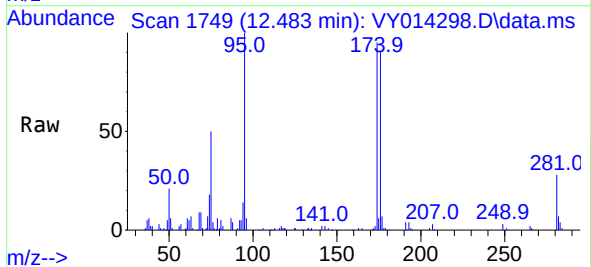
Instrument :
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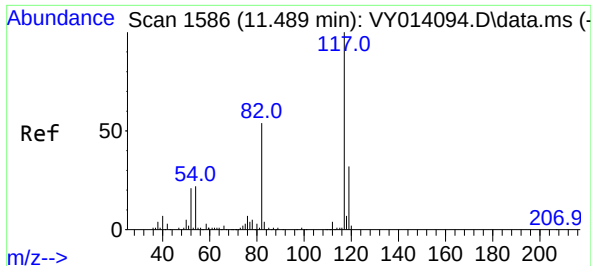
Tgt Ion: 98 Resp: 88913
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

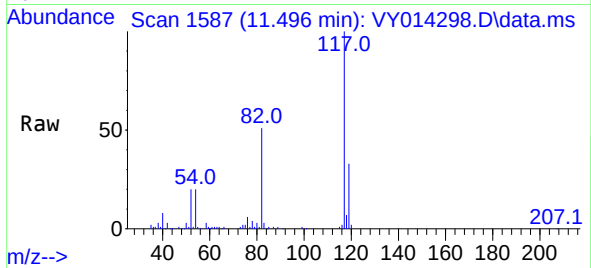
Tgt Ion: 95 Resp: 26651
Ion Ratio Lower Upper
95 100
174 100.8 0.0 178.2
176 92.9 0.0 173.8



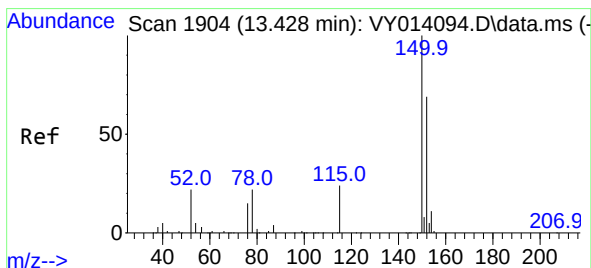
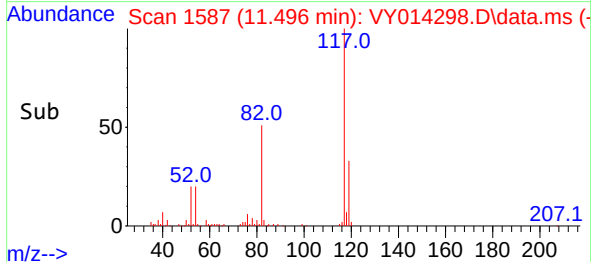
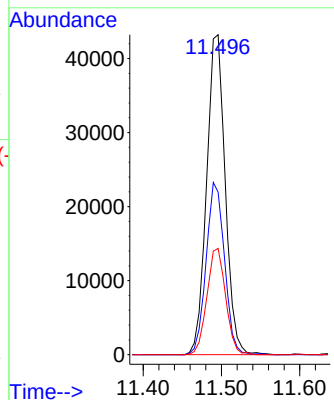


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Instrument :
MSVOA_Y
ClientSampleId :
WC-24

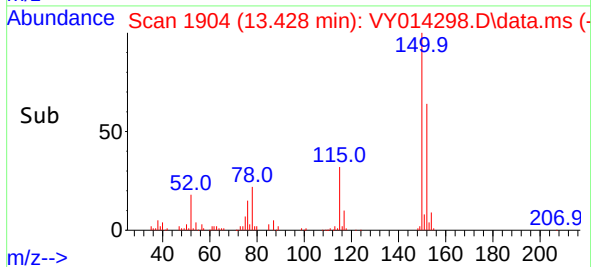
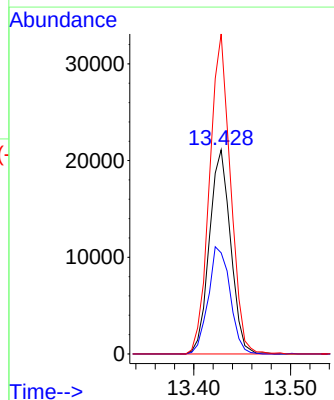
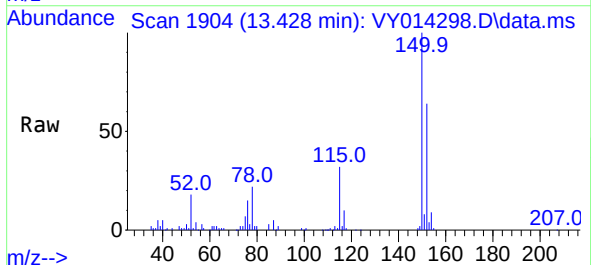


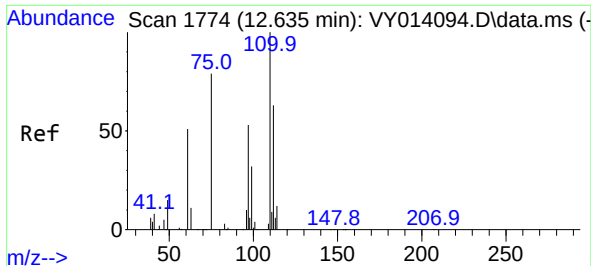
Tgt Ion:117 Resp: 71336
Ion Ratio Lower Upper
117 100
82 50.8 43.4 65.0
119 33.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion:152 Resp: 32188
Ion Ratio Lower Upper
152 100
115 54.0 28.8 86.5
150 154.9 0.0 348.8

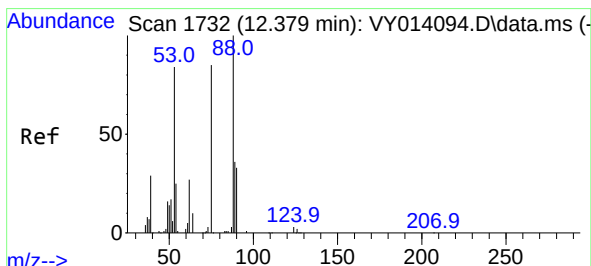
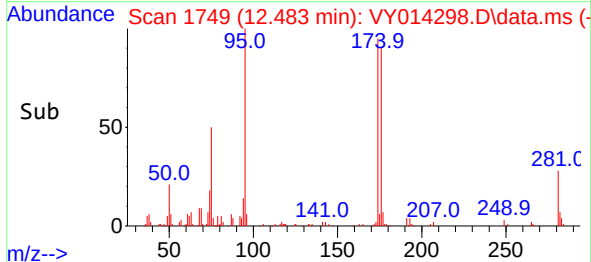
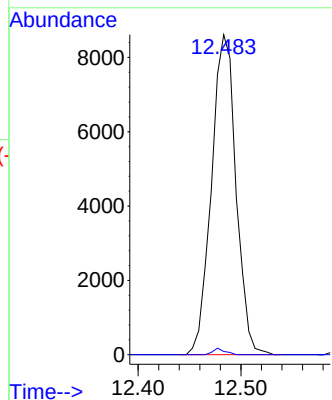
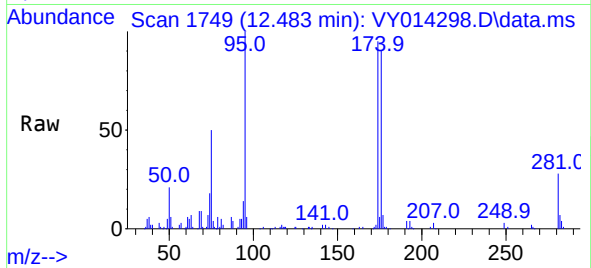




#76
1,2,3-Trichloropropane
Concen: 33.841 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Instrument :
MSVOA_Y
ClientSampleId :
WC-24

Tgt Ion: 75 Resp: 14291
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014298.D
Acq: 20 Jun 2023 21:01

Tgt Ion: 75 Resp: 14291
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

