

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014336.D
 Acq On : 21 Jun 2023 15:21
 Operator : KP/MD
 Sample : 03337-10
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-8

Quant Time: Jun 22 01:57:19 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)

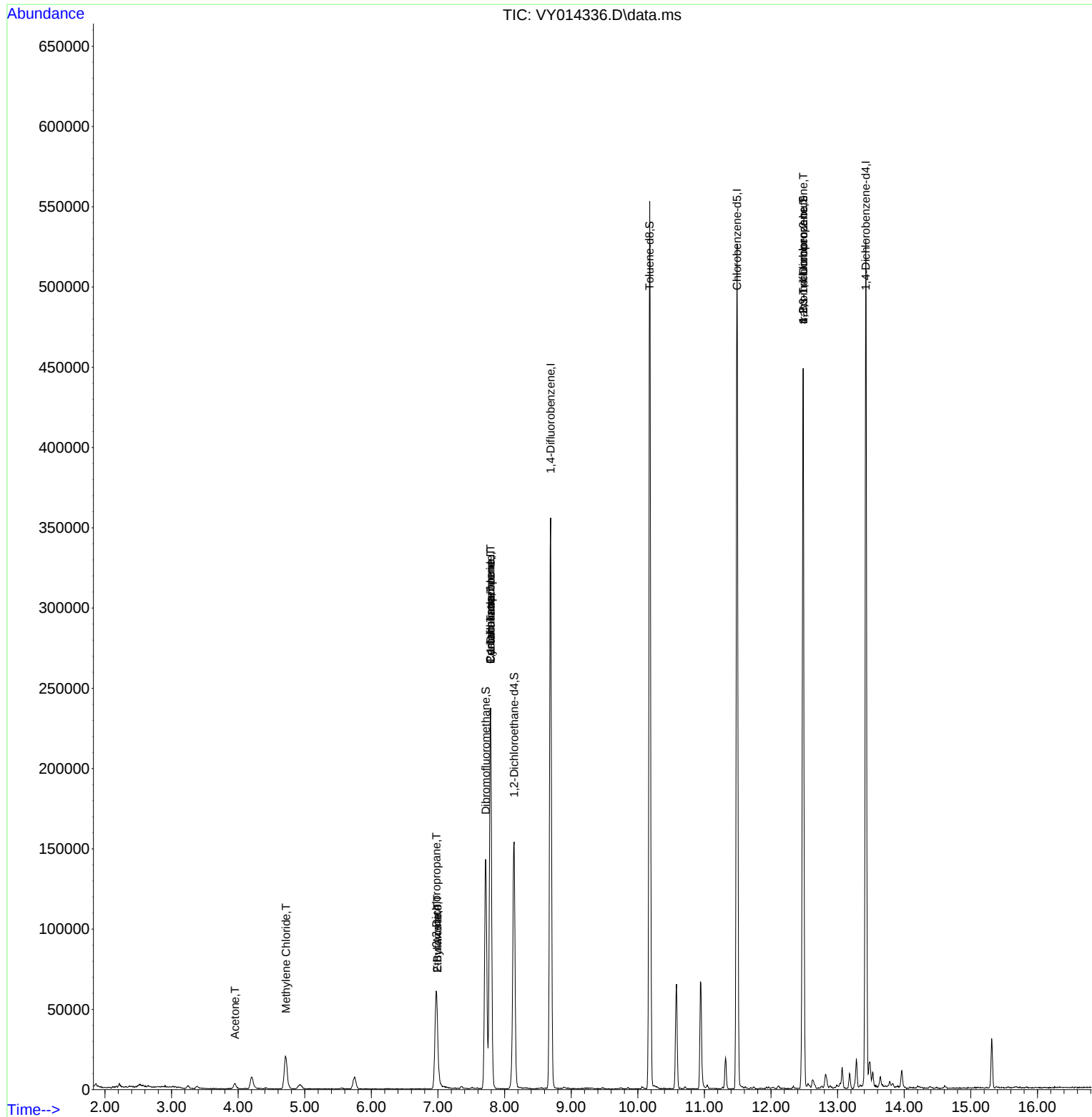
Internal Standards						
1) Pentafluorobenzene	7.789	168	184804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	128182	49.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.716	113	97266	46.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.020%
50) Toluene-d8	10.179	98	353588	45.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.460%
62) 4-Bromofluorobenzene	12.483	95	119200	42.923	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	2395	Below Cal	#	89
16) Acetone	3.954	43	6090	7.851	ug/l	94
20) Methylene Chloride	4.716	84	15251	2.772	ug/l #	89
25) 2-Butanone	6.990	43	4814	5.042	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	4541	1.145	ug/l #	54
31) Cyclohexane	7.789	56	4059	1.177	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	14444	4.431	ug/l #	50
37) Ethyl Acetate	6.990	43	4814	2.140	ug/l #	1
38) Carbon Tetrachloride	7.789	117	18997	5.050	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	65549	37.073	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65549	80.137	ug/l #	11

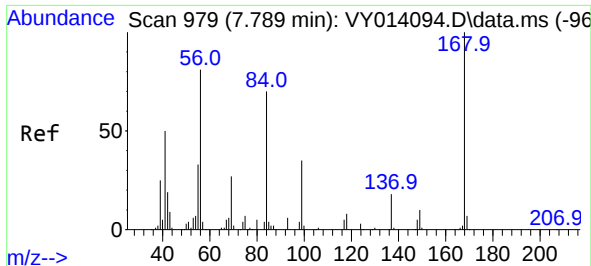
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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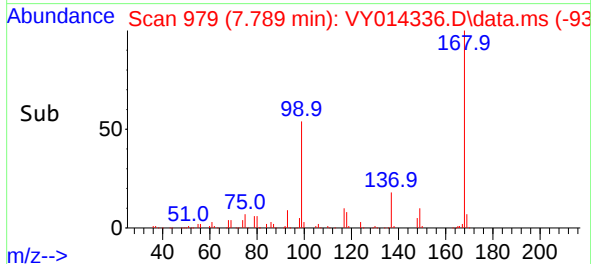
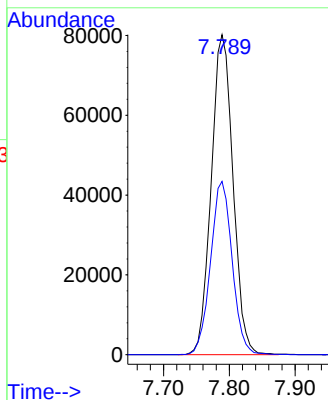
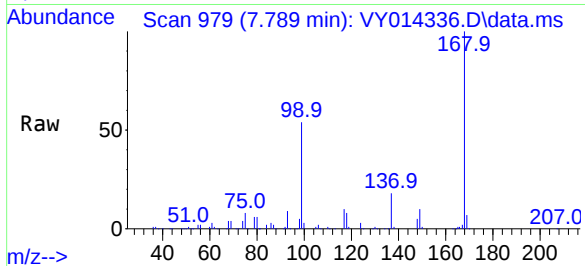




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

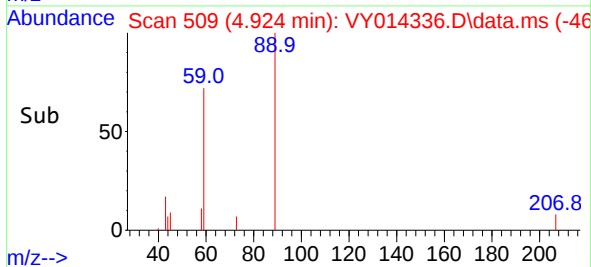
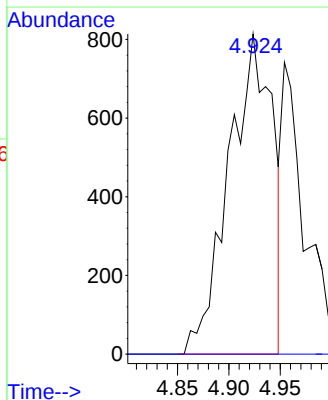
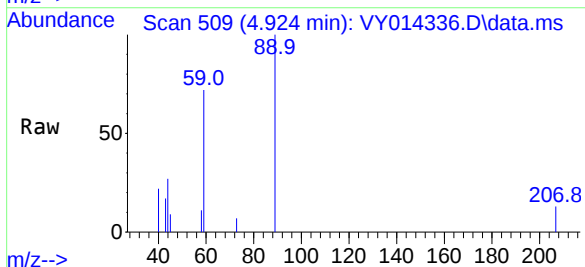
Instrument :
MSVOA_Y
ClientSampleId :
WC-8

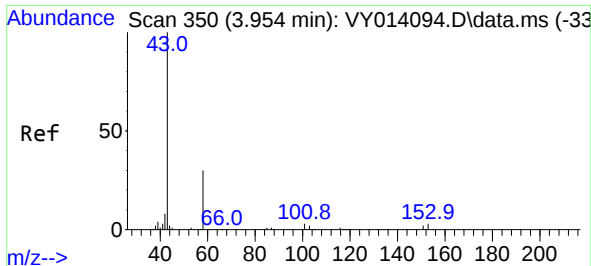
Tgt Ion:168 Resp: 184804
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.042 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

Tgt Ion: 59 Resp: 2395
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 7.851 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY014336.D

Acq: 21 Jun 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

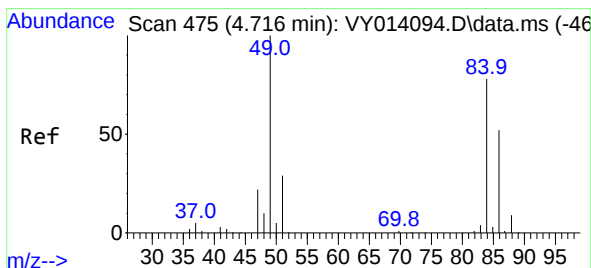
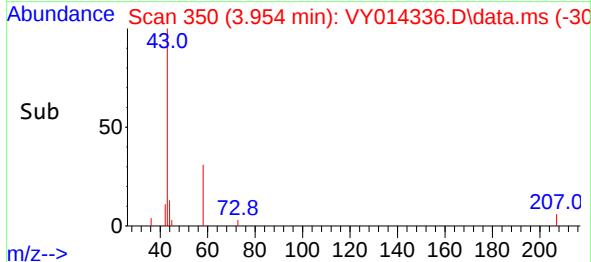
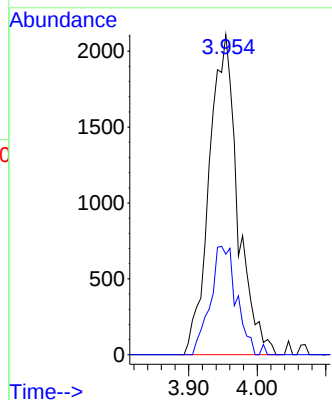
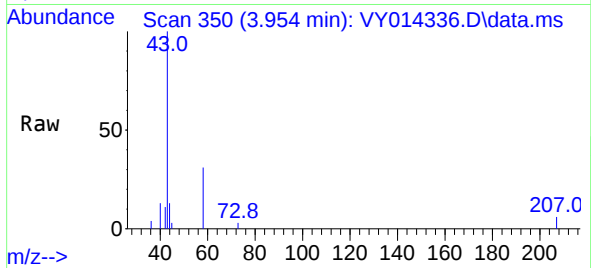
WC-8

Tgt Ion: 43 Resp: 6090

Ion Ratio Lower Upper

43 100

58 31.4 22.7 34.1



#20

Methylene Chloride

Concen: 2.772 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY014336.D

Acq: 21 Jun 2023 15:21

Tgt Ion: 84 Resp: 15251

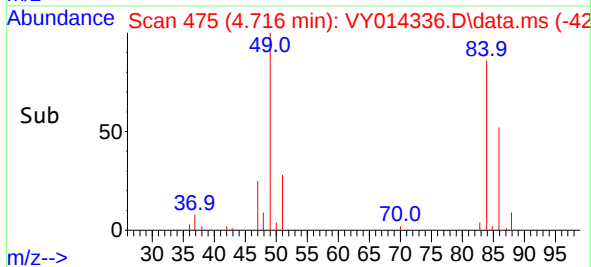
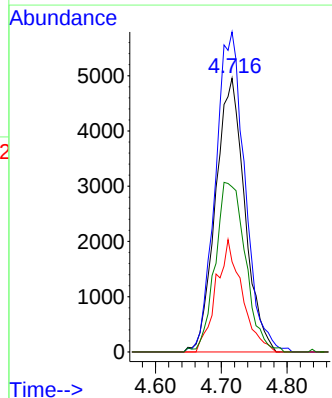
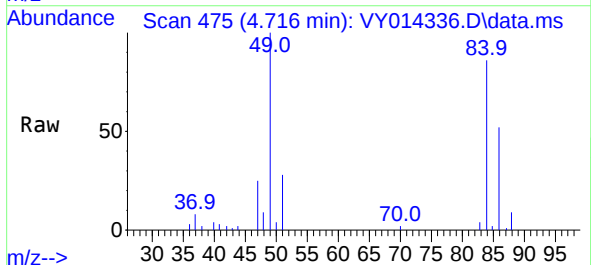
Ion Ratio Lower Upper

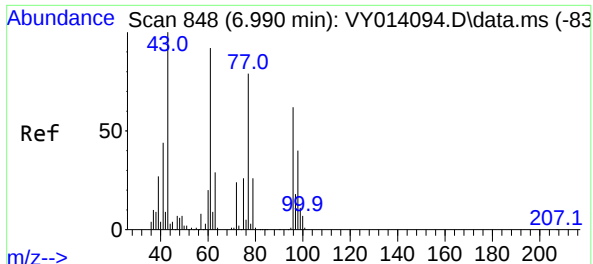
84 100

49 116.9 106.9 160.3

51 33.0 33.2 49.8#

86 60.3 51.0 76.6

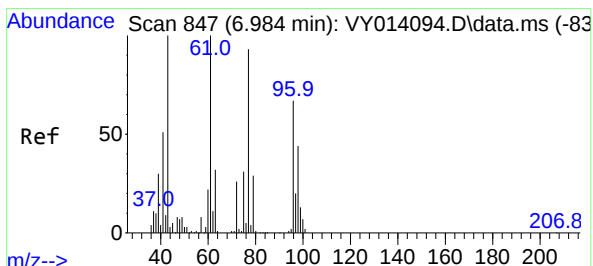
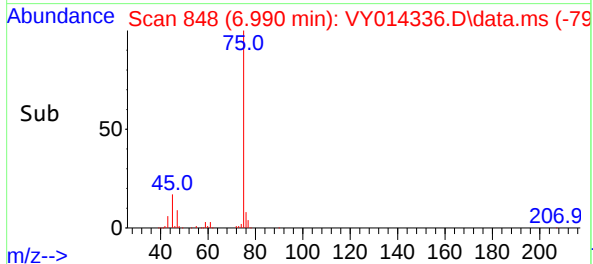
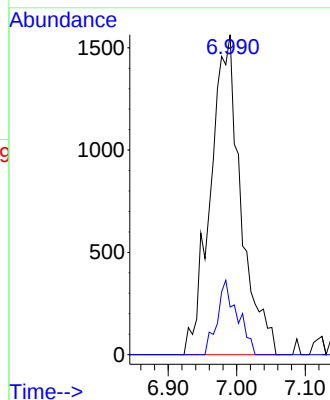
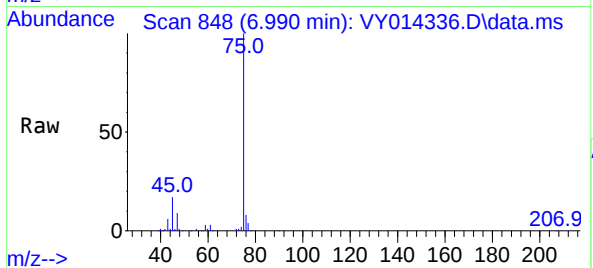




#25
2-Butanone
Concen: 5.042 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

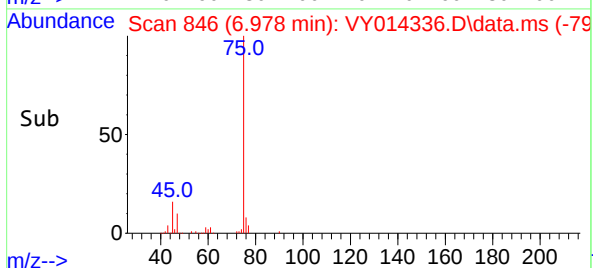
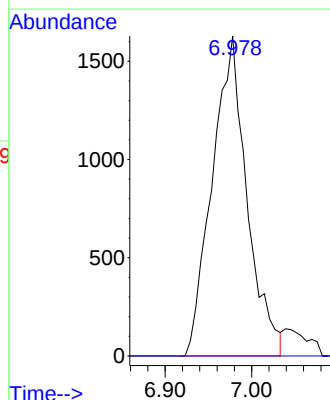
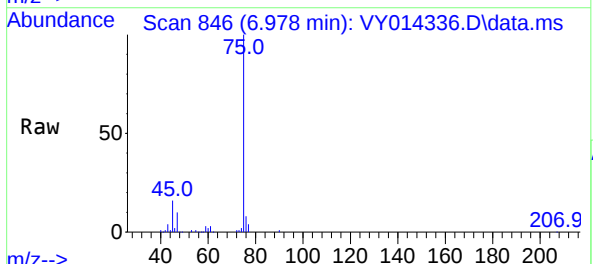
Instrument :
MSVOA_Y
ClientSampleId :
WC-8

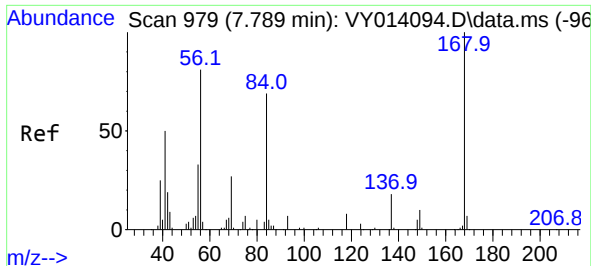
Tgt Ion: 43 Resp: 4814
Ion Ratio Lower Upper
43 100
72 14.9 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.145 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

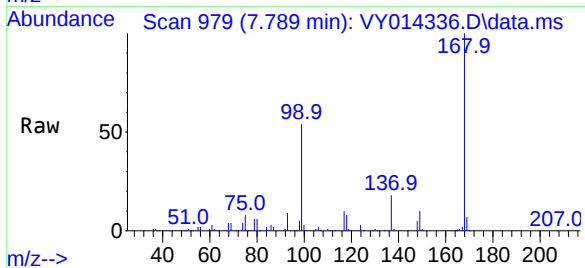
Tgt Ion: 77 Resp: 4541
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



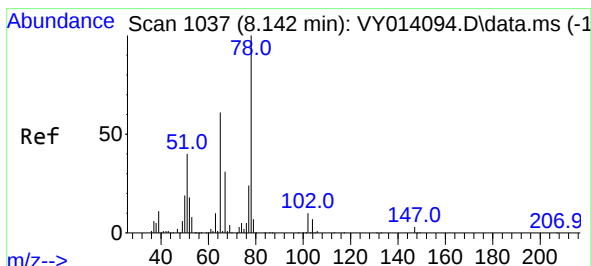
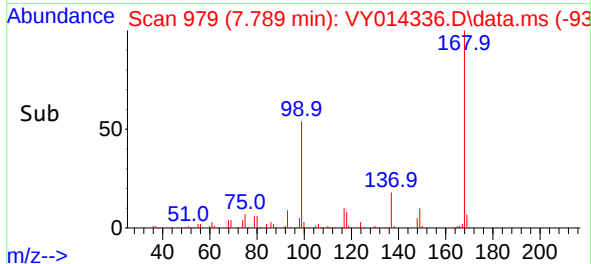
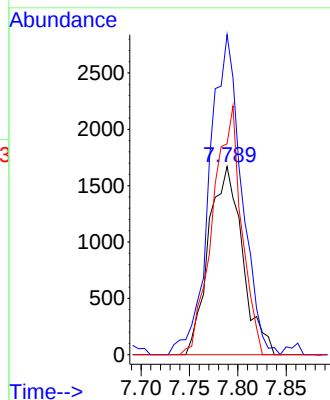


#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

Instrument :
MSVOA_Y
ClientSampleId :
WC-8

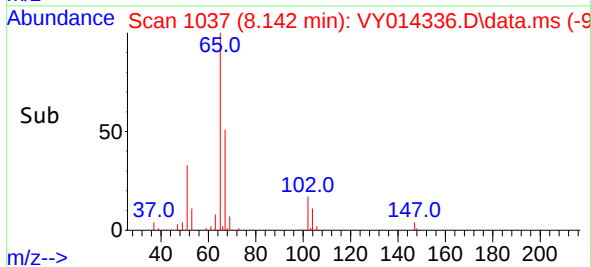
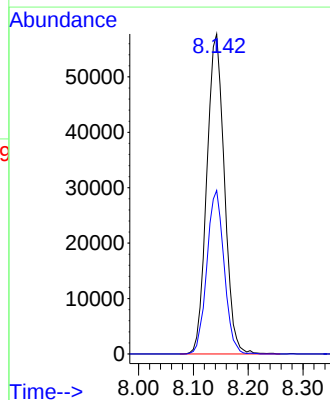
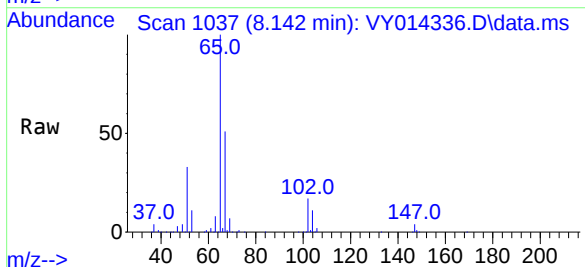


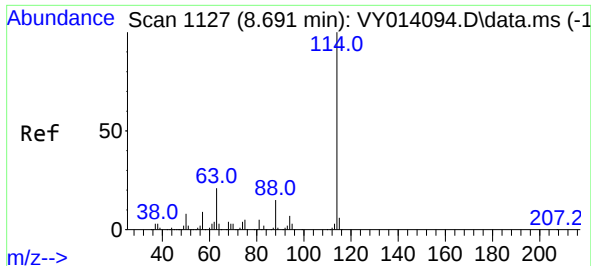
Tgt Ion: 56 Resp: 4059
Ion Ratio Lower Upper
56 100
69 170.1 27.8 41.6#
84 112.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.810 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

Tgt Ion: 65 Resp: 128182
Ion Ratio Lower Upper
65 100
67 50.1 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: VY014336.D

Acq: 21 Jun 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

WC-8

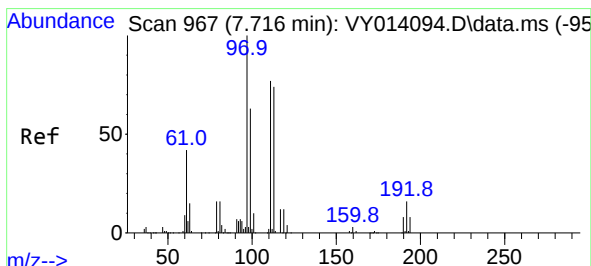
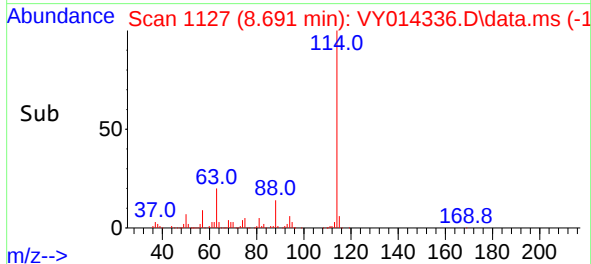
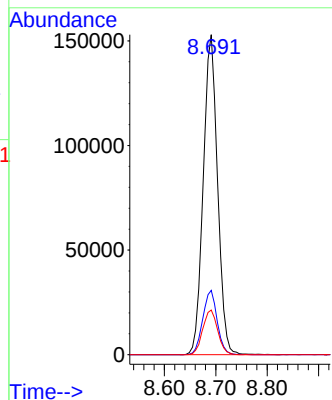
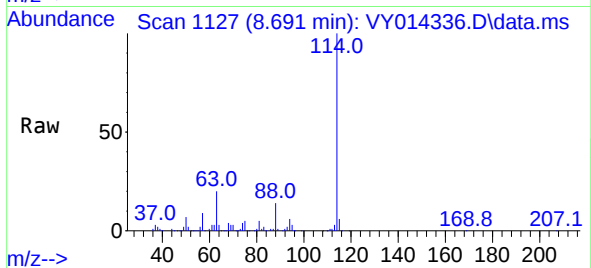
Tgt Ion:114 Resp: 294860

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.515 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014336.D

Acq: 21 Jun 2023 15:21

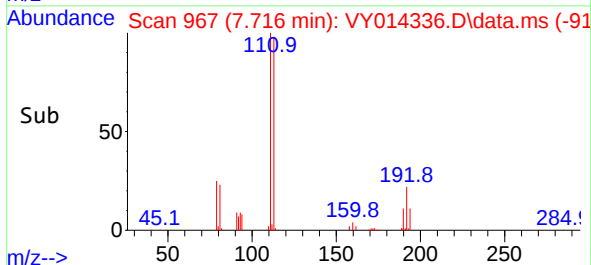
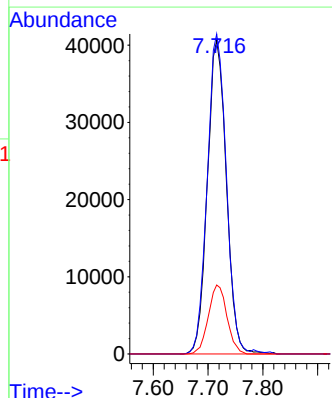
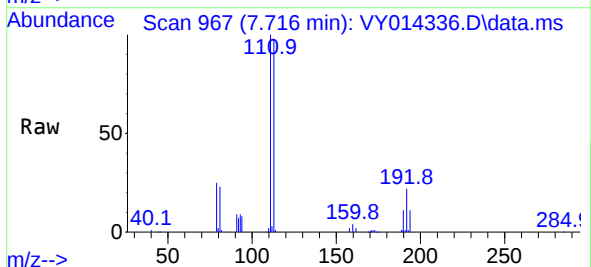
Tgt Ion:113 Resp: 97266

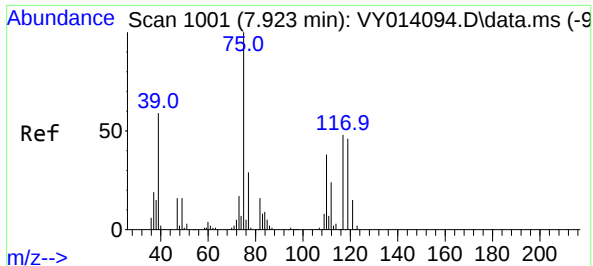
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 21.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.431 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY014336.D

Acq: 21 Jun 2023 15:21

Instrument :

MSVOA_Y

ClientSampleId :

WC-8

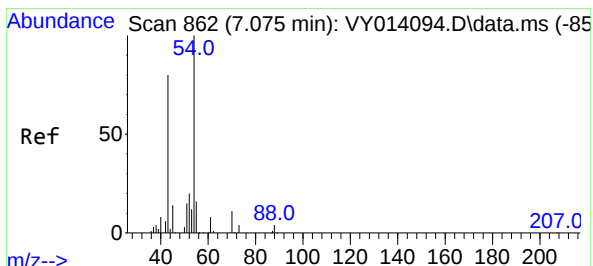
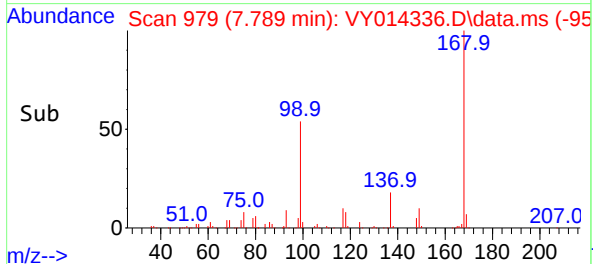
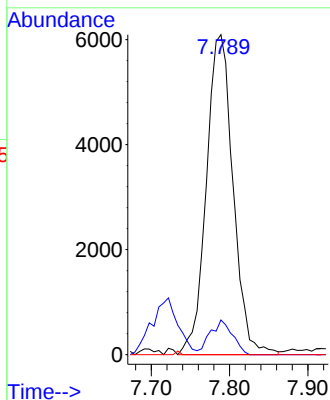
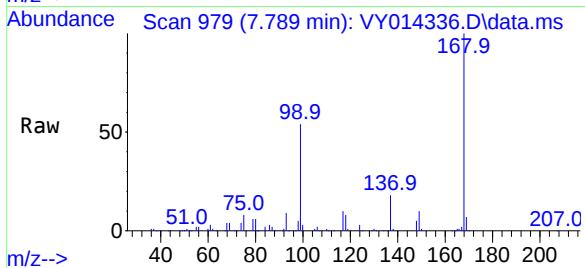
Tgt Ion: 75 Resp: 14444

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 2.140 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.085 min

Lab File: VY014336.D

Acq: 21 Jun 2023 15:21

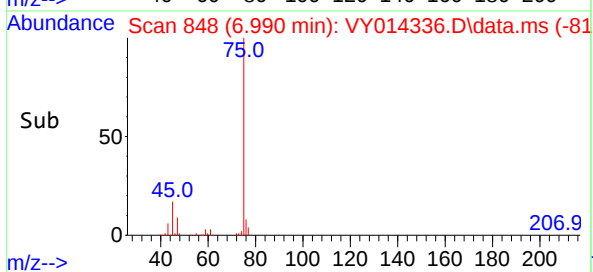
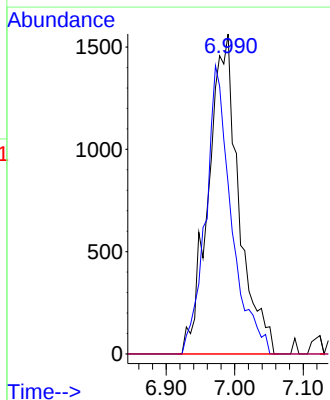
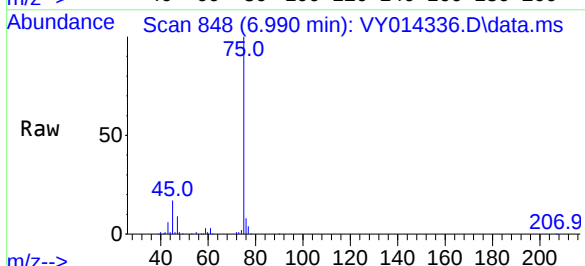
Tgt Ion: 43 Resp: 4814

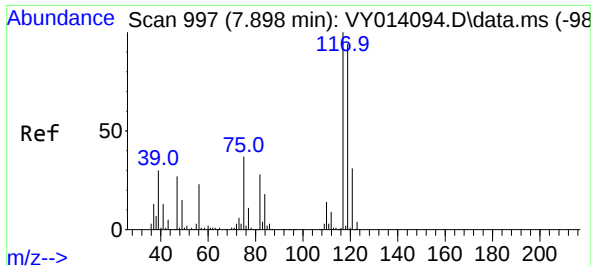
Ion Ratio Lower Upper

43 100

61 76.6 10.1 15.1#

70 0.0 7.1 10.7#

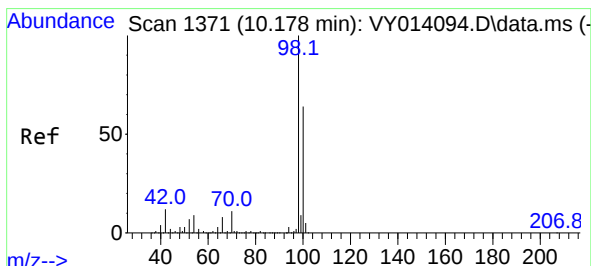
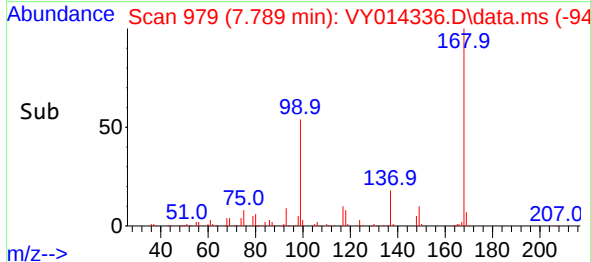
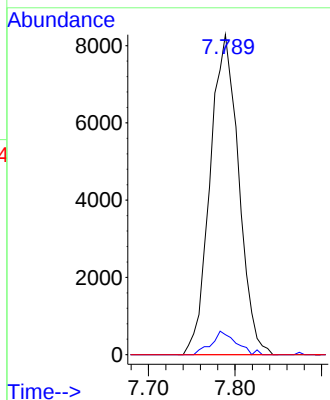
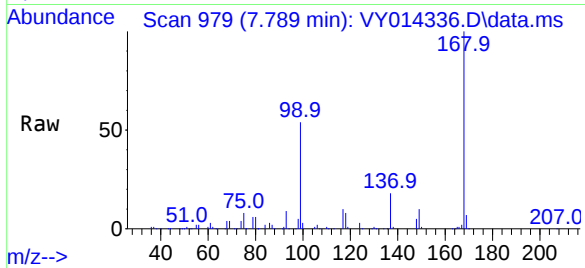




#38
Carbon Tetrachloride
Concen: 5.050 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

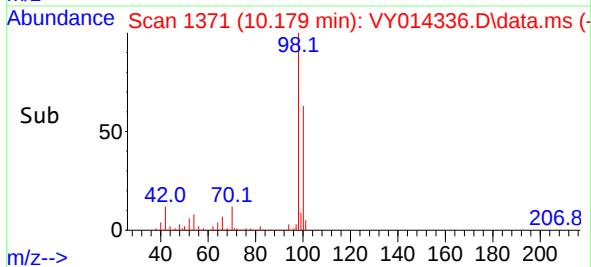
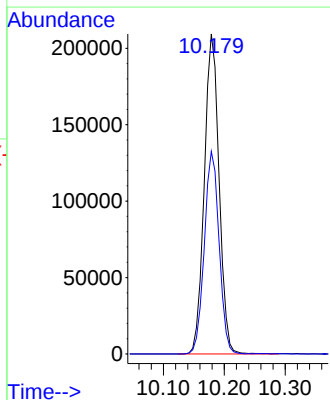
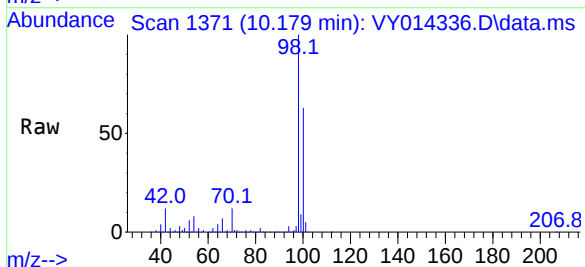
Instrument :
MSVOA_Y
ClientSampleId :
WC-8

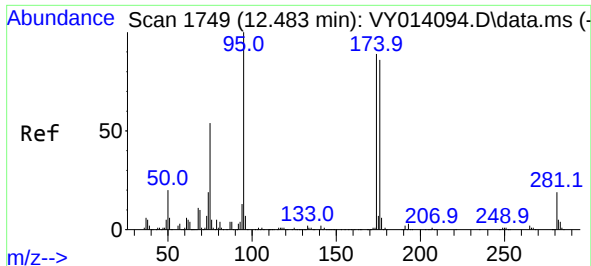
Tgt Ion:117 Resp: 18997
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.229 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

Tgt Ion: 98 Resp: 353588
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

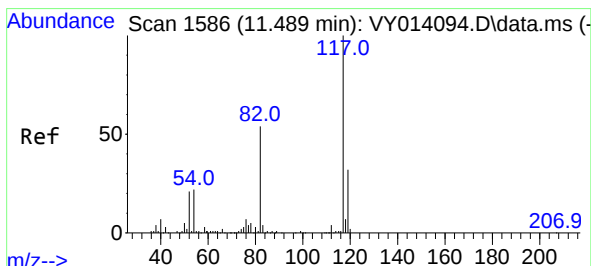
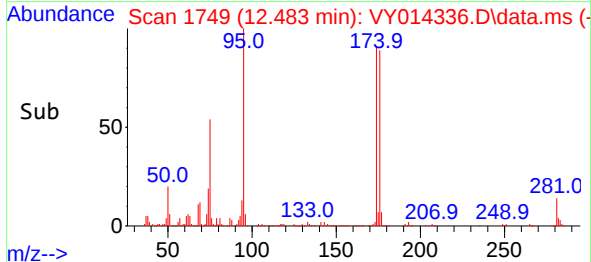
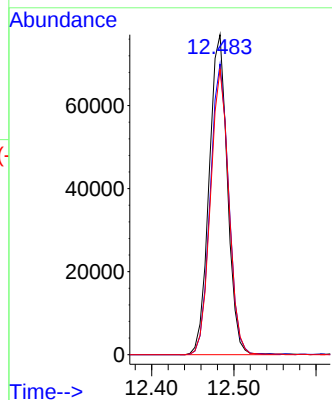
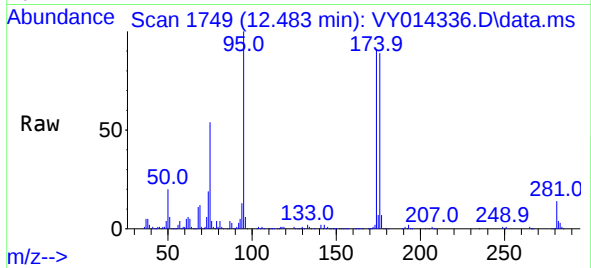




#62
4-Bromofluorobenzene
Concen: 42.923 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

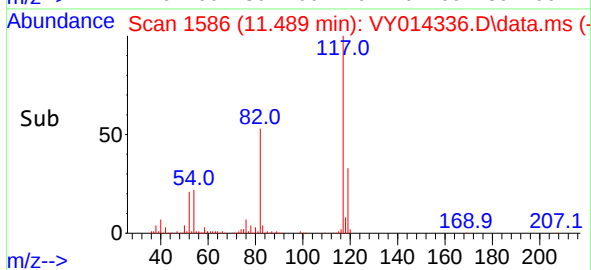
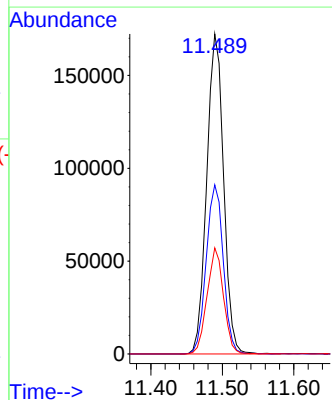
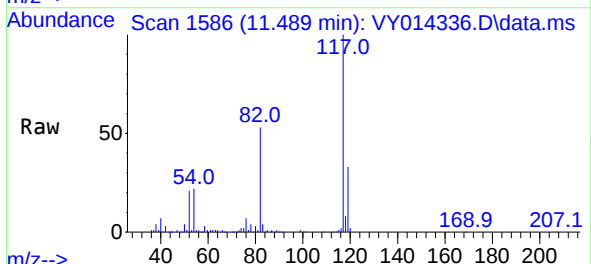
Instrument :
MSVOA_Y
ClientSampleId :
WC-8

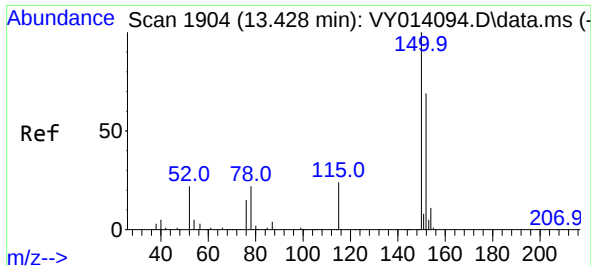
Tgt Ion: 95 Resp: 119200
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 89.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

Tgt Ion: 117 Resp: 282502
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 33.2 26.3 39.5

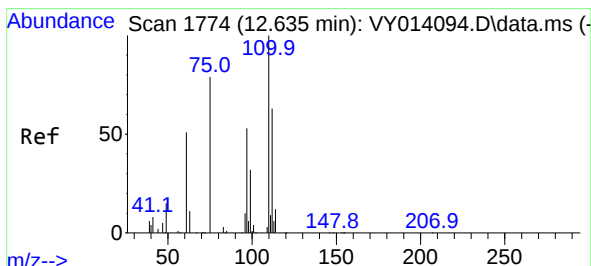
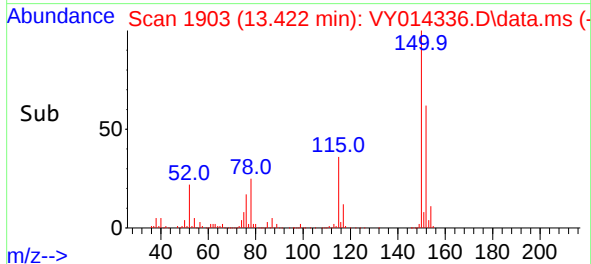
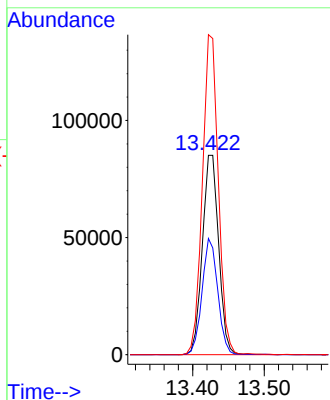
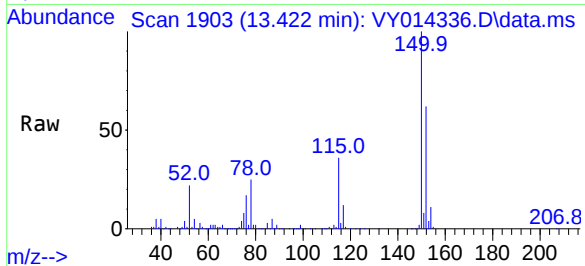




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

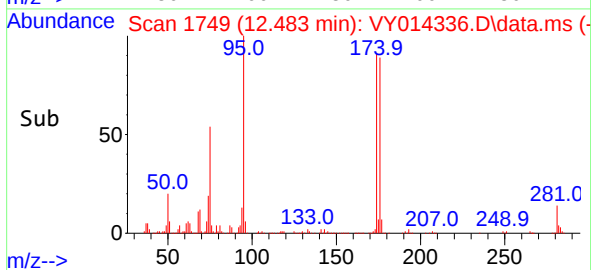
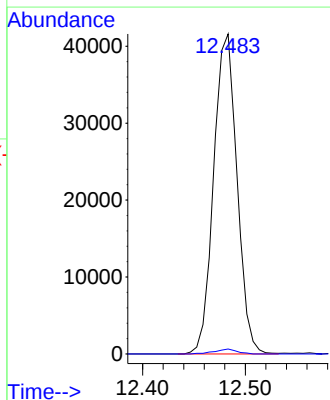
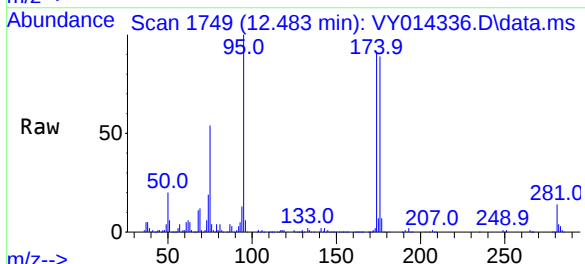
Instrument :
MSVOA_Y
ClientSampleId :
WC-8

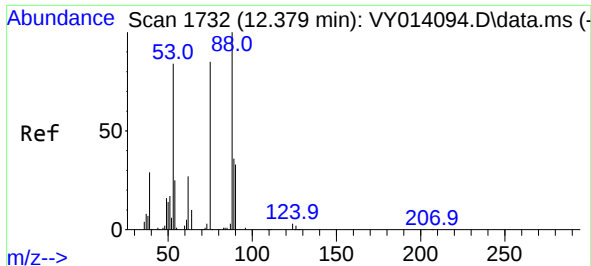
Tgt Ion:152 Resp: 134767
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 156.9 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 37.073 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

Tgt Ion: 75 Resp: 65549
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.137 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014336.D
Acq: 21 Jun 2023 15:21

Instrument :
MSVOA_Y
ClientSampleId :
WC-8

Tgt Ion: 75 Resp: 65549
Ion Ratio Lower Upper
75 100
53 0.8 77.8 116.8#
89 0.1 37.4 56.0#

