

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014391.D
 Acq On : 22 Jun 2023 19:56
 Operator : KP/MD
 Sample : 03337-01RE
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-18

Quant Time: Jun 23 05:01:35 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)

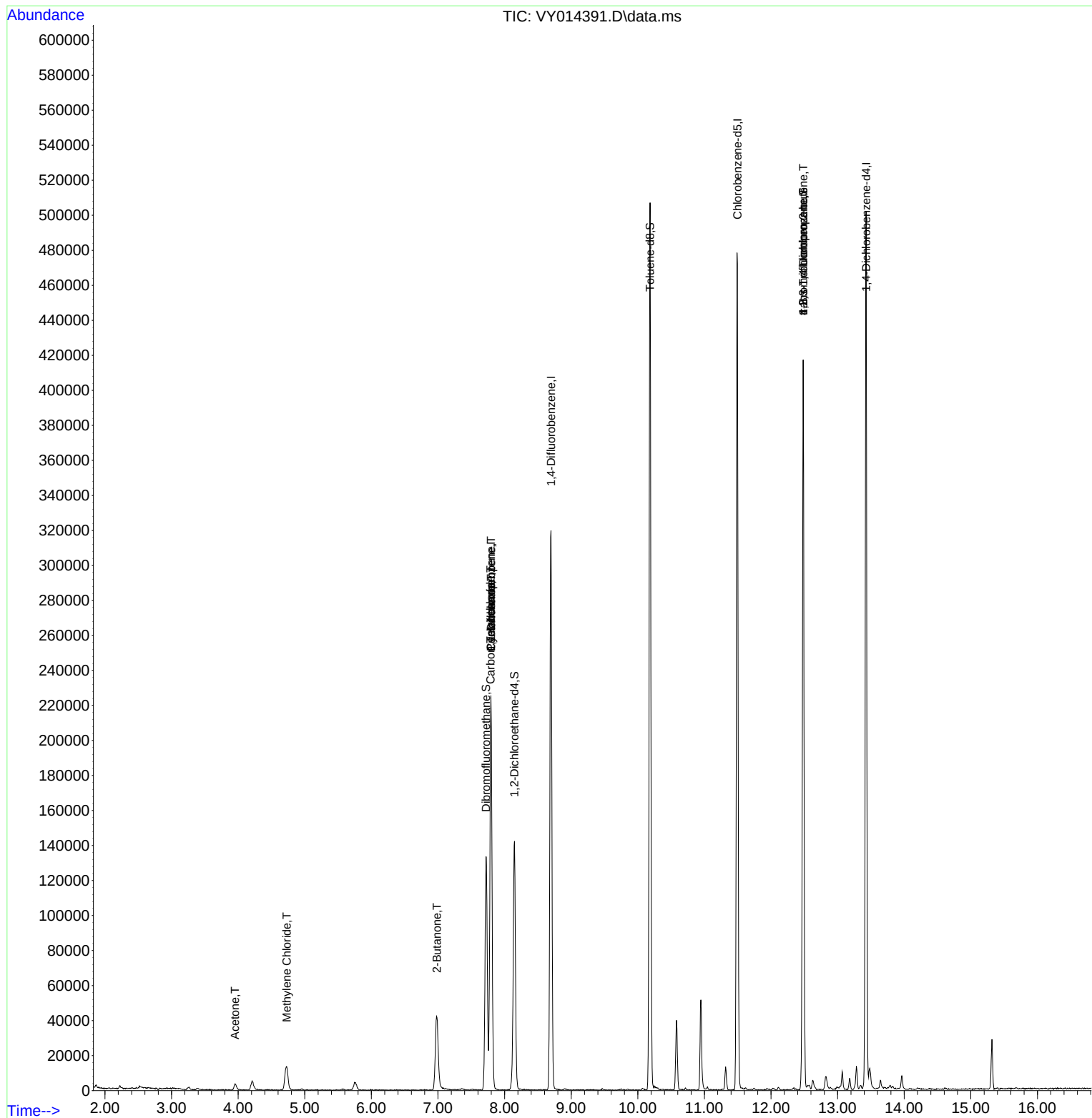
Internal Standards						
1) Pentafluorobenzene	7.795	168	175146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	263591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	118228	48.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.722	113	89849	46.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.185	98	329960	45.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.483	95	109031	42.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	764	Below Cal	#	96
16) Acetone	3.954	43	6242	8.491	ug/l	97
20) Methylene Chloride	4.728	84	10615	1.010	ug/l	87
25) 2-Butanone	6.984	43	2870	3.171	ug/l #	73
31) Cyclohexane	7.795	56	3636	1.113	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	12962	4.278	ug/l #	51
38) Carbon Tetrachloride	7.789	117	16875	4.826	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	61717	36.771	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61717	79.484	ug/l #	11

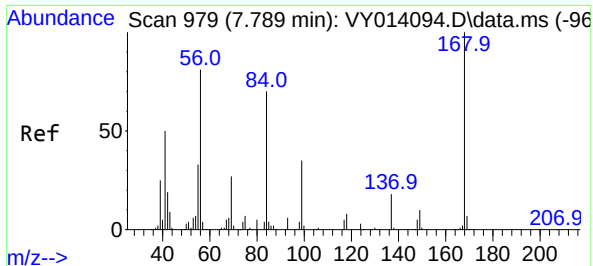
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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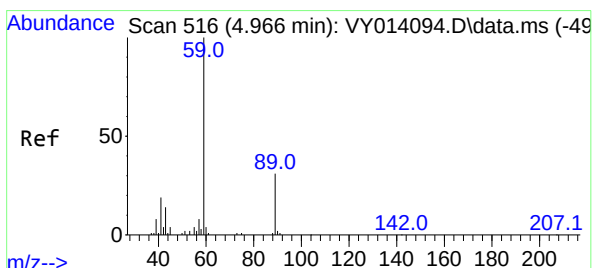
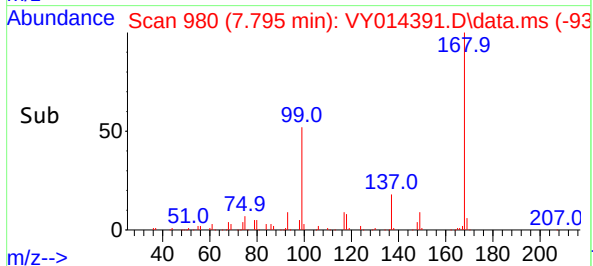
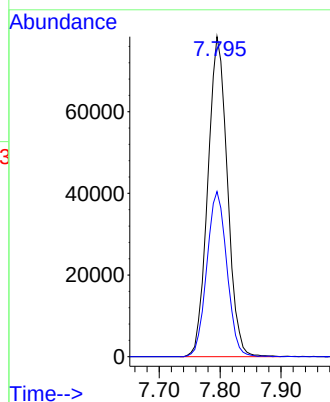
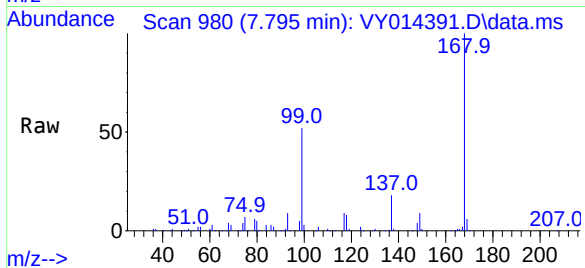




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

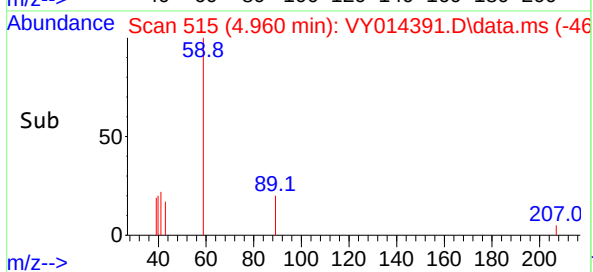
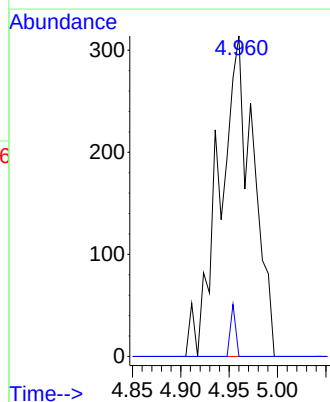
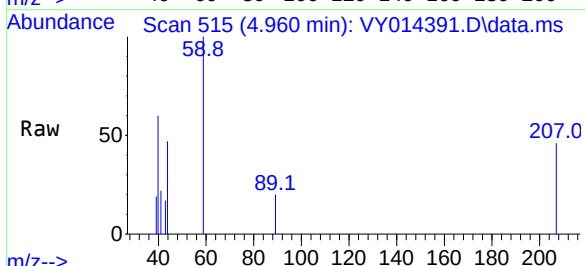
Instrument :
MSVOA_Y
ClientSampleId :
WC-18

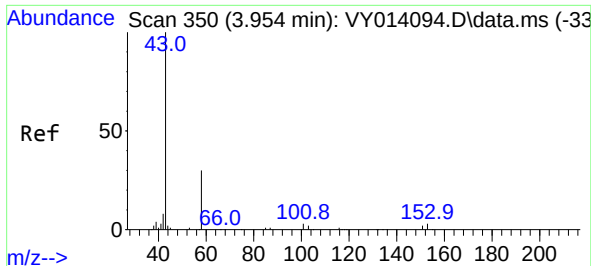
Tgt Ion:168 Resp: 175146
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

Tgt Ion: 59 Resp: 764
Ion Ratio Lower Upper
59 100
57 2.5 3.0 4.4#

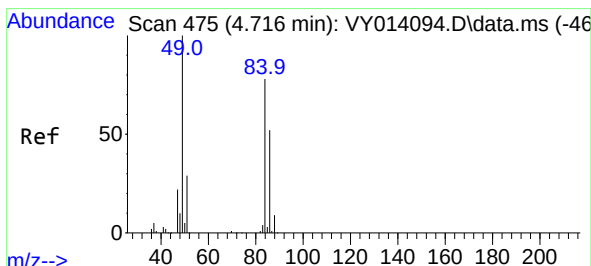
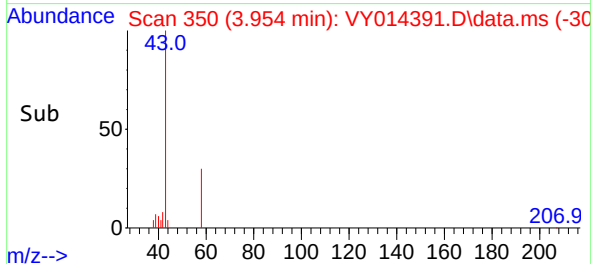
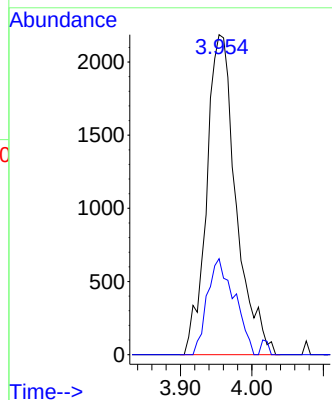
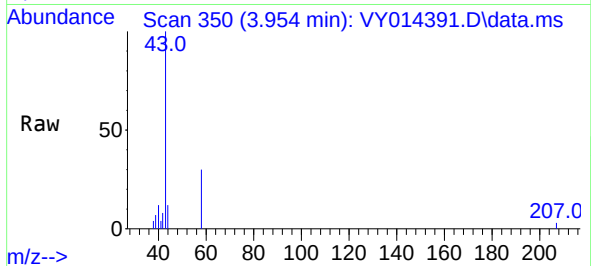




#16
Acetone
Concen: 8.491 ug/l
RT: 3.954 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

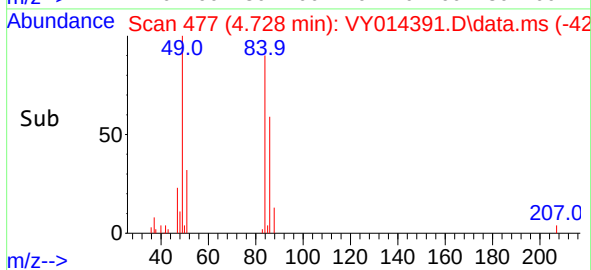
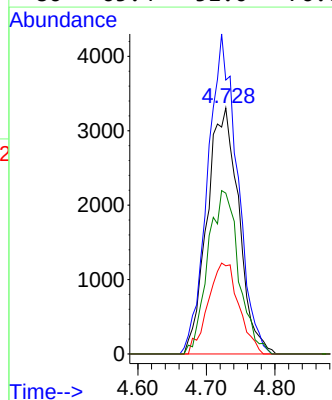
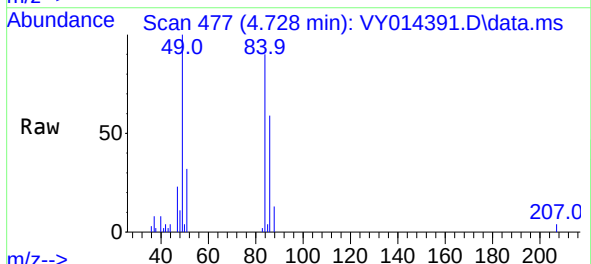
Instrument :
MSVOA_Y
ClientSampleId :
WC-18

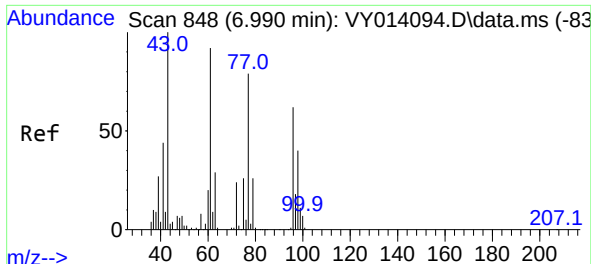
Tgt Ion: 43 Resp: 6242
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1



#20
Methylene Chloride
Concen: 1.010 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

Tgt Ion: 84 Resp: 10615
Ion Ratio Lower Upper
84 100
49 111.3 106.9 160.3
51 35.8 33.2 49.8
86 65.4 51.0 76.6

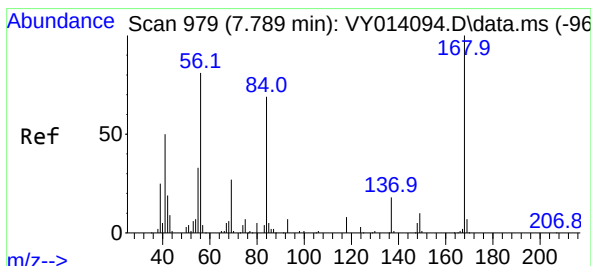
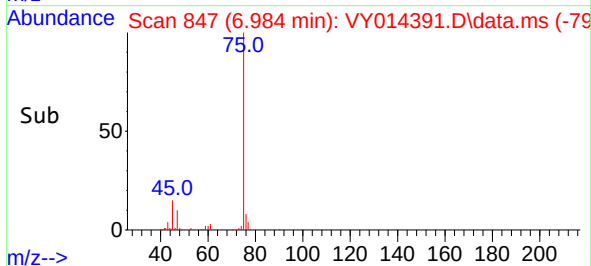
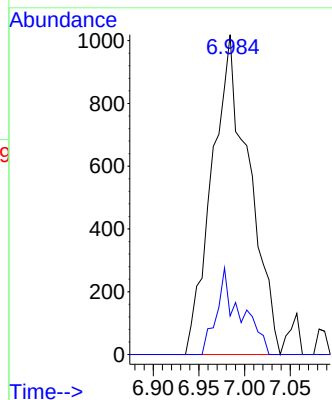
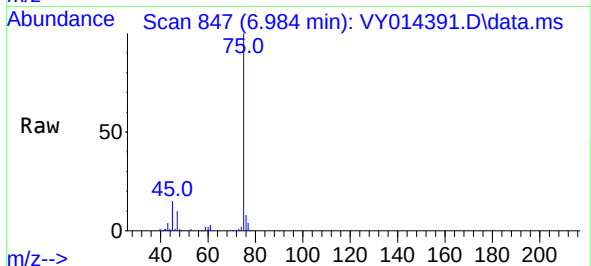




#25
2-Butanone
Concen: 3.171 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

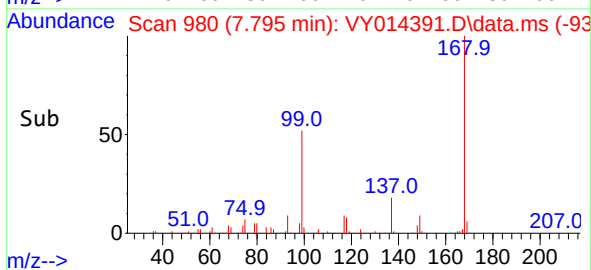
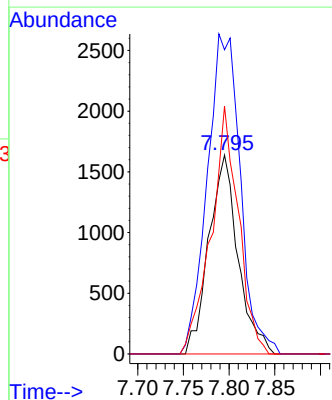
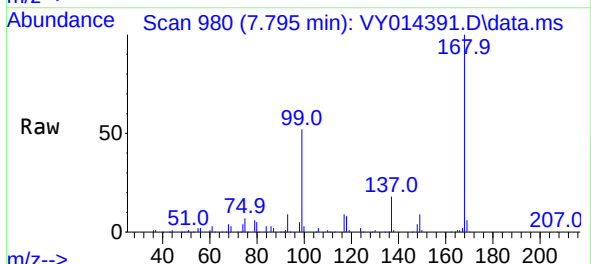
Instrument :
MSVOA_Y
ClientSampleId :
WC-18

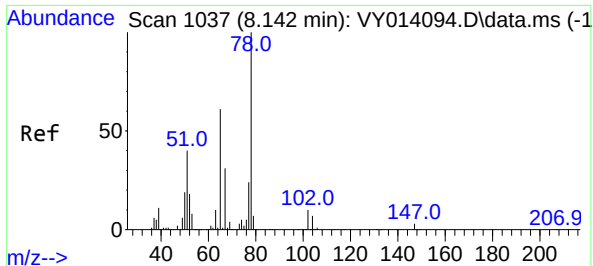
Tgt Ion: 43 Resp: 2870
Ion Ratio Lower Upper
43 100
72 12.1 20.5 30.7#



#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

Tgt Ion: 56 Resp: 3636
Ion Ratio Lower Upper
56 100
69 152.9 27.8 41.6#
84 124.5 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 48.475 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY014391.D

Acq: 22 Jun 2023 19:56

Instrument :

MSVOA_Y

ClientSampleId :

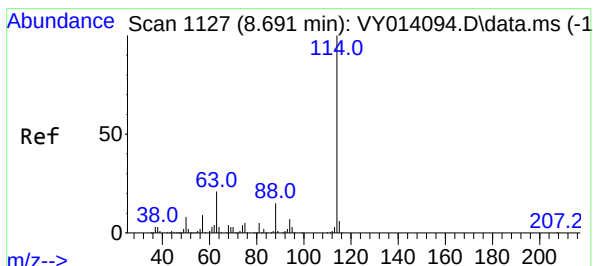
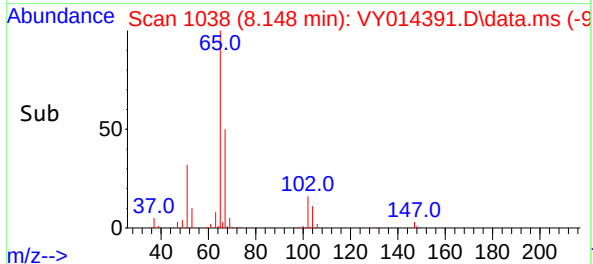
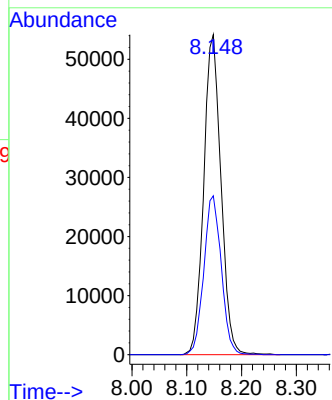
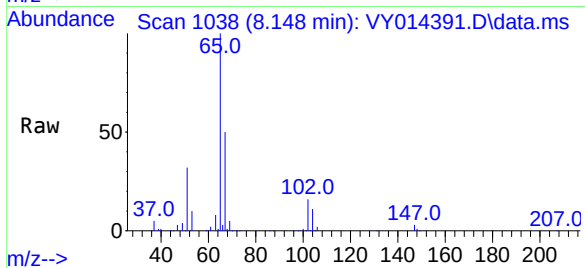
WC-18

Tgt Ion: 65 Resp: 118228

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014391.D

Acq: 22 Jun 2023 19:56

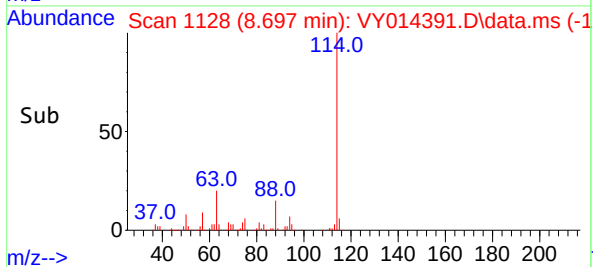
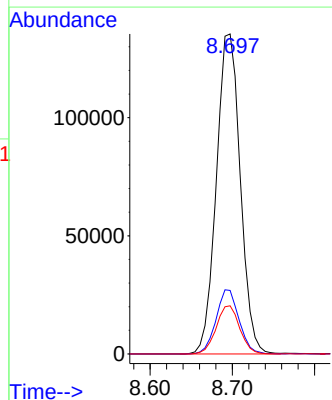
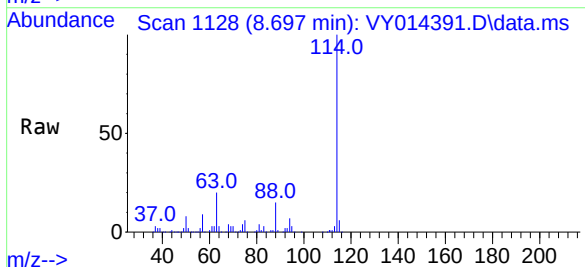
Tgt Ion: 114 Resp: 274052

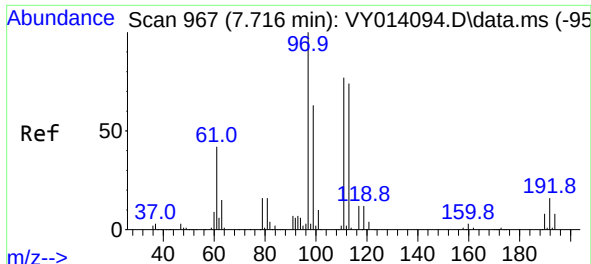
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.0 0.0 30.6

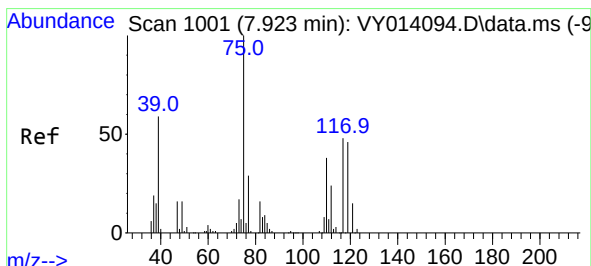
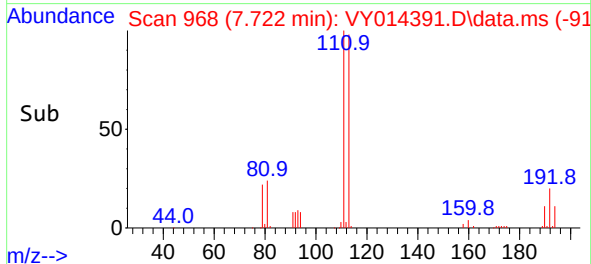
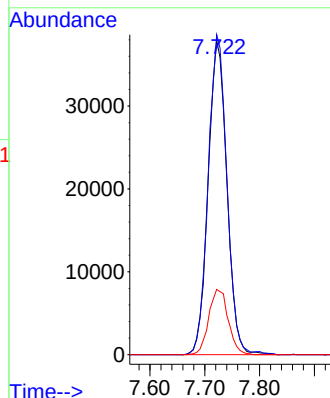
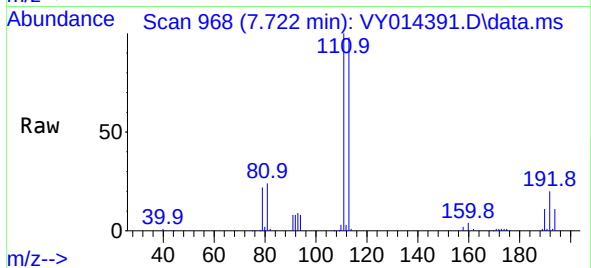




#35
Dibromofluoromethane
Concen: 46.230 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

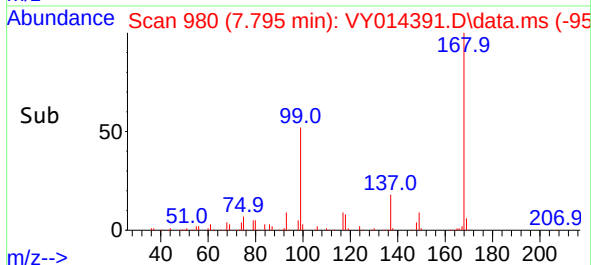
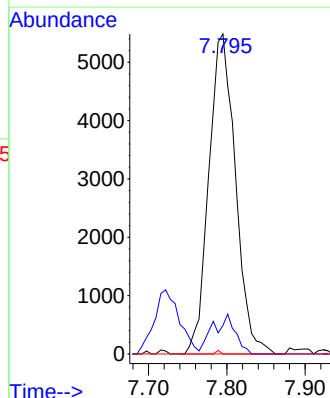
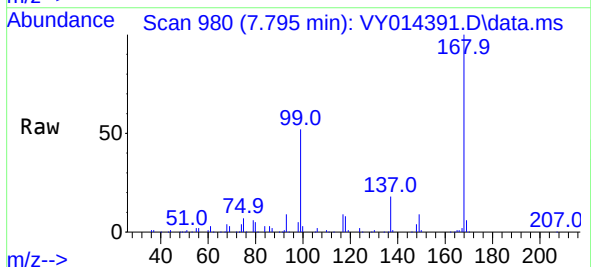
Instrument :
MSVOA_Y
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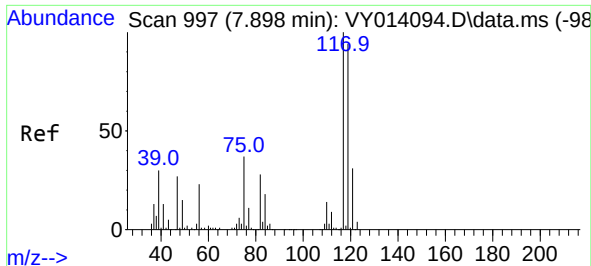
Tgt Ion:113 Resp: 89849
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.278 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

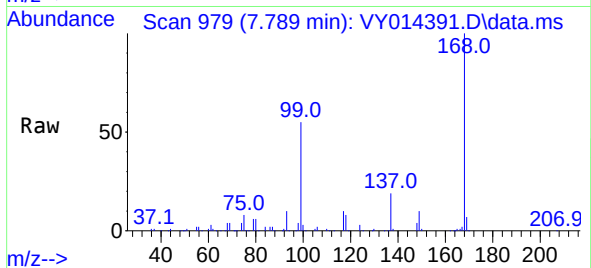
Tgt Ion: 75 Resp: 12962
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.2 24.4 36.6#



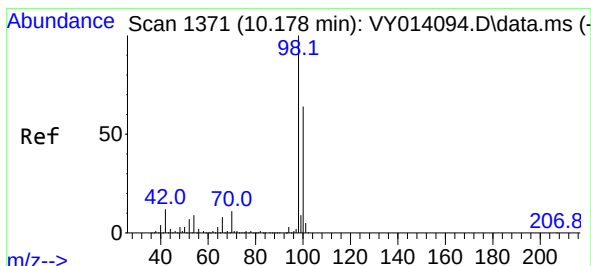
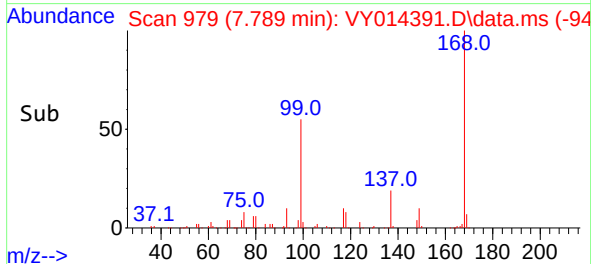
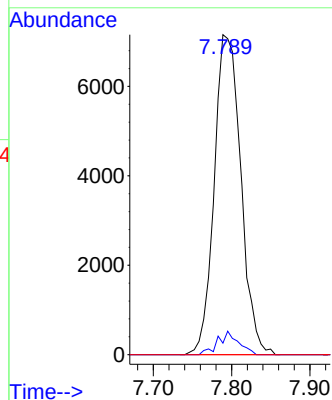


#38
Carbon Tetrachloride
Concen: 4.826 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

Instrument :
MSVOA_Y
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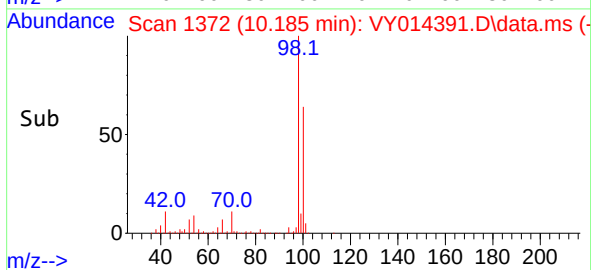
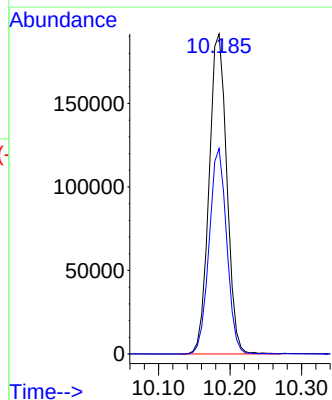
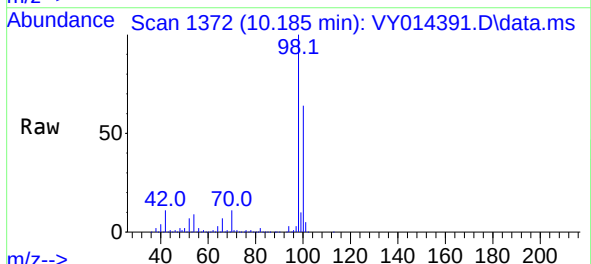


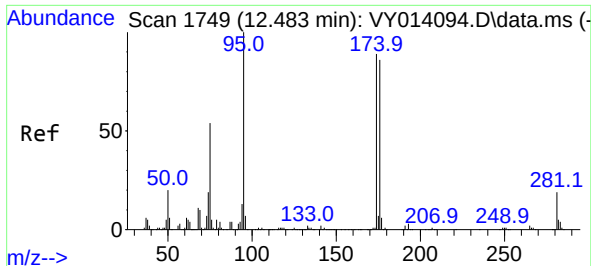
Tgt Ion:117 Resp: 16875
Ion Ratio Lower Upper
117 100
119 3.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.411 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

Tgt Ion: 98 Resp: 329960
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

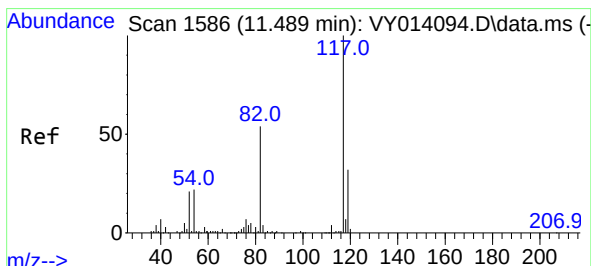
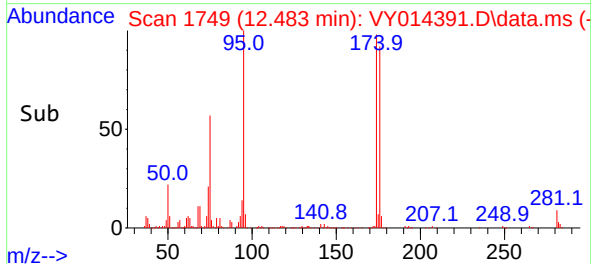
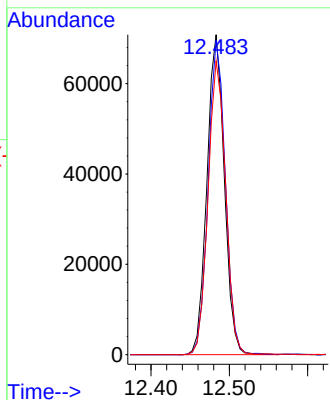
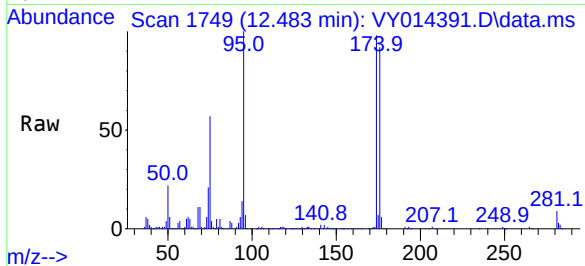




#62
4-Bromofluorobenzene
Concen: 42.242 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

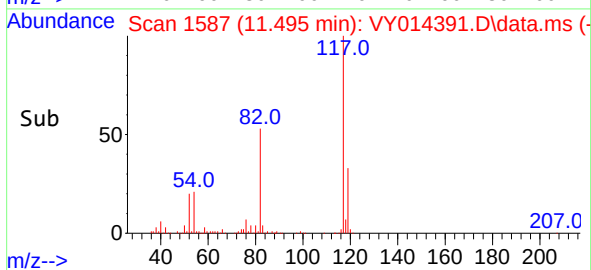
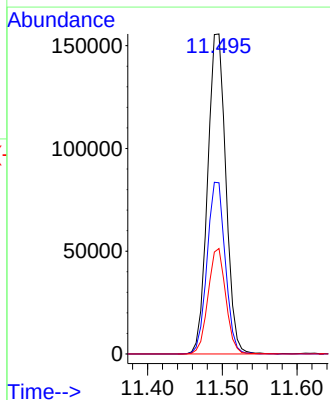
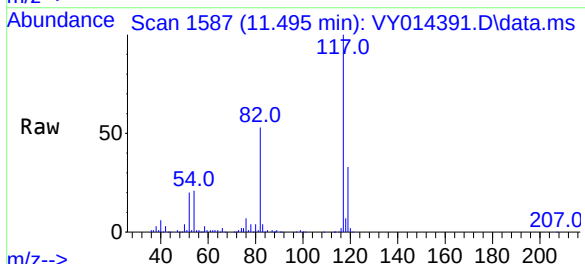
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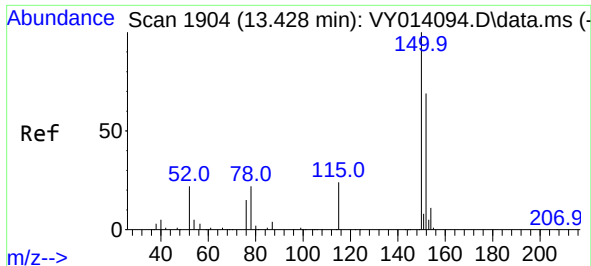
Tgt Ion: 95 Resp: 109031
Ion Ratio Lower Upper
95 100
174 97.5 0.0 178.2
176 92.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

Tgt Ion: 117 Resp: 263591
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 33.0 26.3 39.5

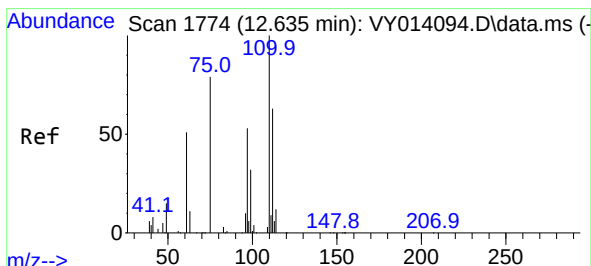
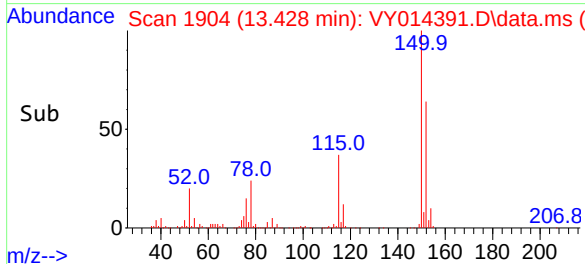
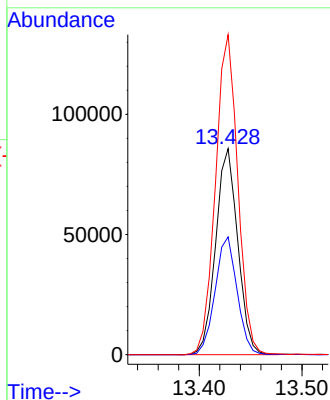
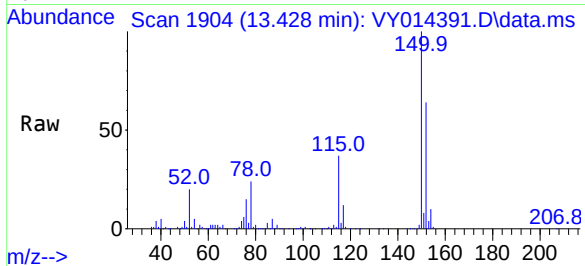




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

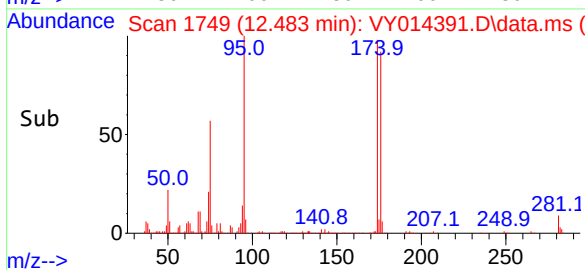
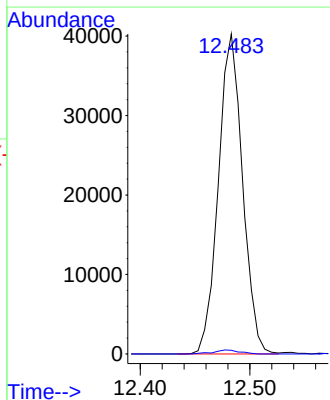
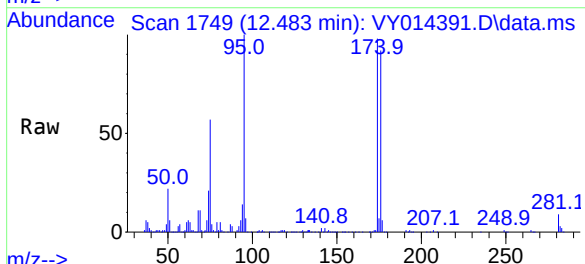
Instrument :
MSVOA_Y
ClientSampleId :
WC-18

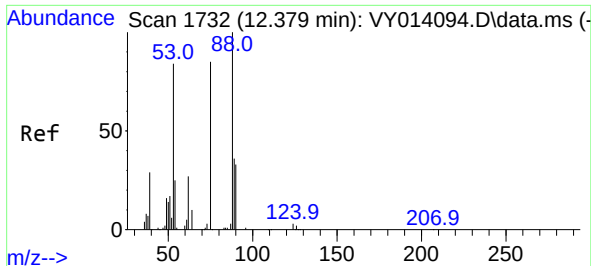
Tgt Ion:152 Resp: 127932
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 156.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 36.771 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014391.D
Acq: 22 Jun 2023 19:56

Tgt Ion: 75 Resp: 61717
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.484 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014391.D
 Acq: 22 Jun 2023 19:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-18

Tgt Ion: 75 Resp: 61717
 Ion Ratio Lower Upper
 75 100
 53 0.8 77.8 116.8#
 89 0.0 37.4 56.0#

