

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014335.D
 Acq On : 21 Jun 2023 14:57
 Operator : KP/MD
 Sample : 03337-07
 Misc : 6.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-9

Quant Time: Jun 22 01:57:10 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)

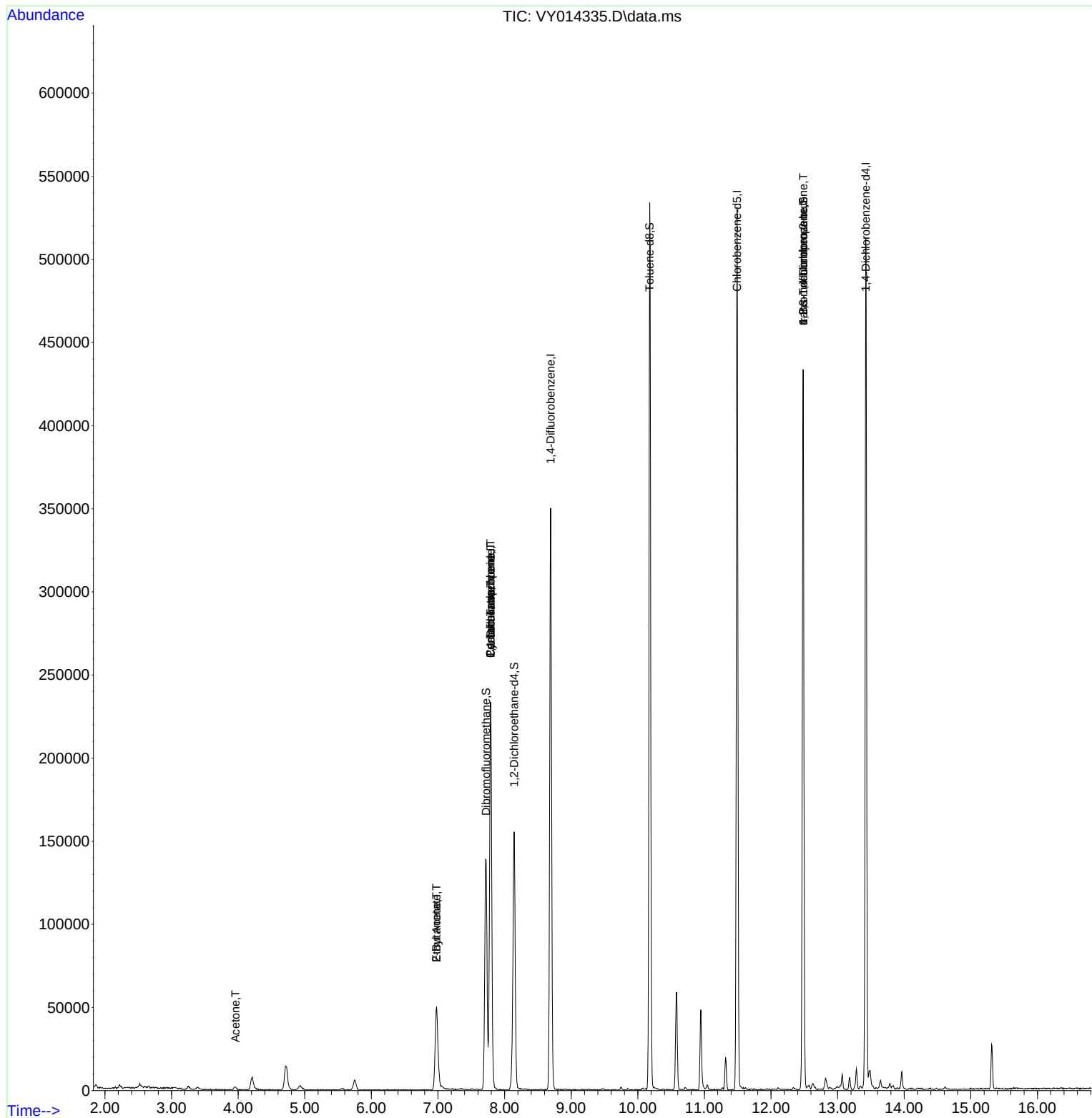
Internal Standards						
1) Pentafluorobenzene	7.789	168	183731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127066	49.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.722	113	97178	47.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.440%
50) Toluene-d8	10.179	98	347043	45.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.483	95	113015	41.353	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1792	Below Cal	#	89
16) Acetone	3.960	43	2990	3.877	ug/l #	76
25) 2-Butanone	6.978	43	3000	3.160	ug/l #	87
31) Cyclohexane	7.789	56	3730	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13791	4.299	ug/l #	51
37) Ethyl Acetate	6.978	43	3000	1.355	ug/l #	1
38) Carbon Tetrachloride	7.789	117	17764	4.798	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	63743	36.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63743	79.952	ug/l #	11

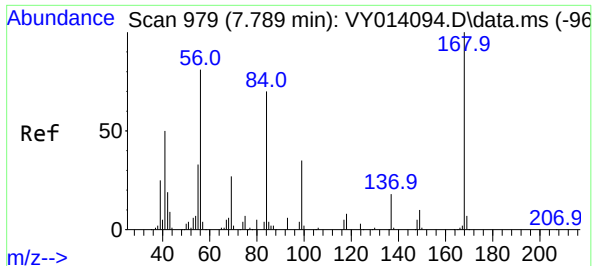
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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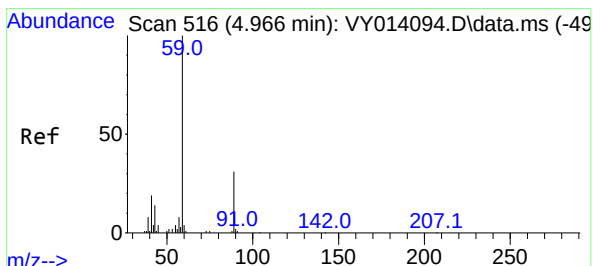
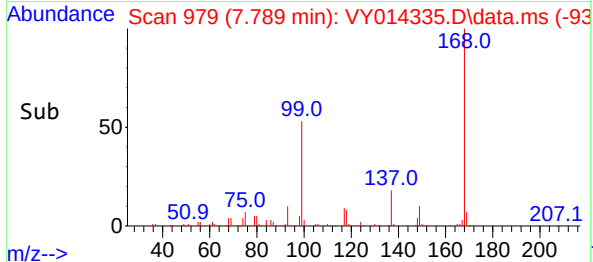
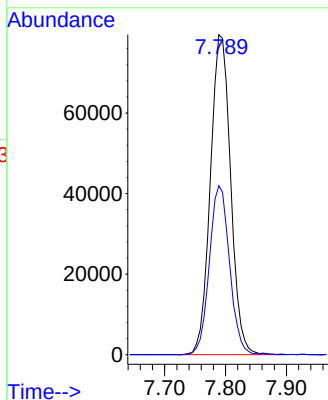
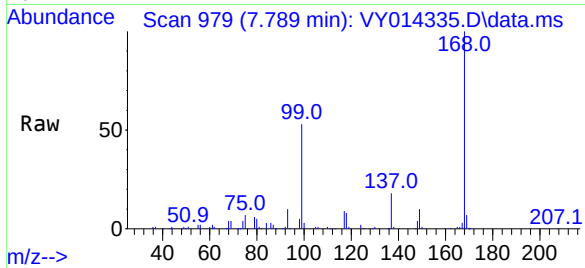




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

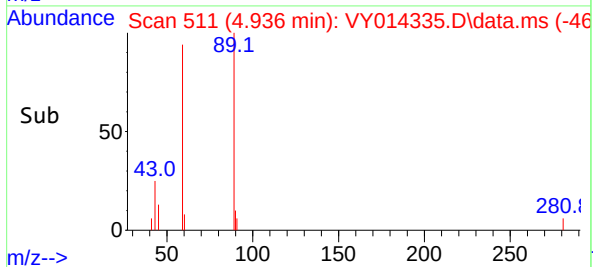
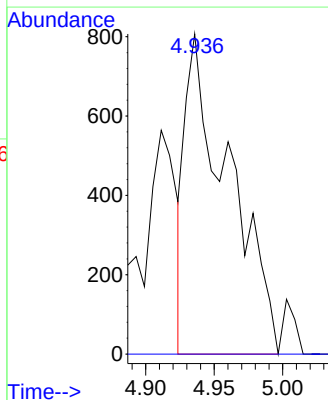
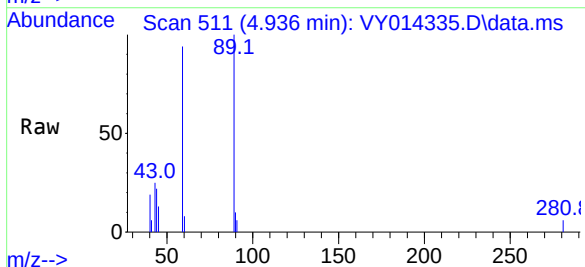
Instrument :
MSVOA_Y
ClientSampleId :
WC-9

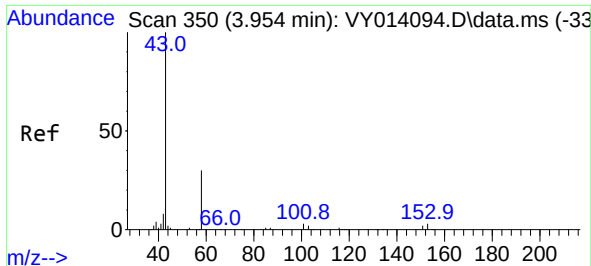
Tgt Ion:168 Resp: 183731
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.030 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

Tgt Ion: 59 Resp: 1792
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

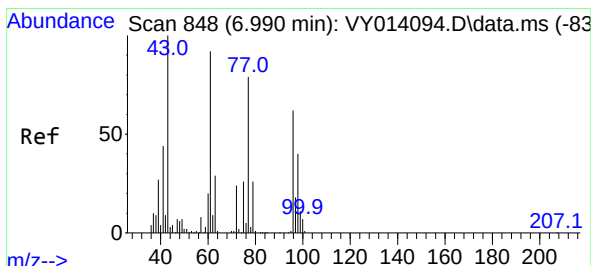
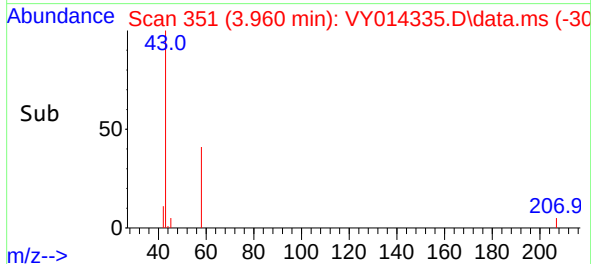
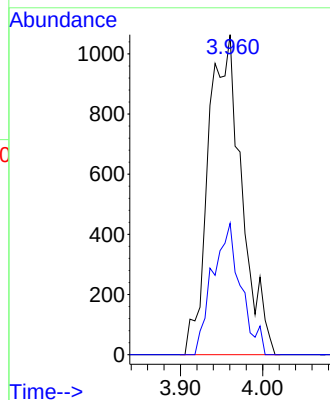
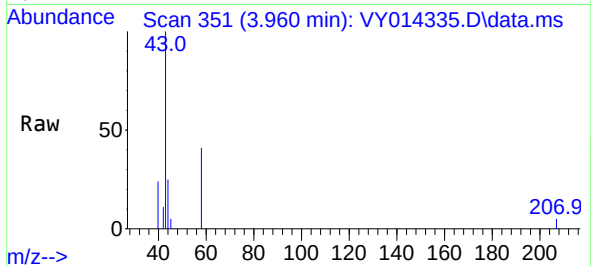




#16
Acetone
Concen: 3.877 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

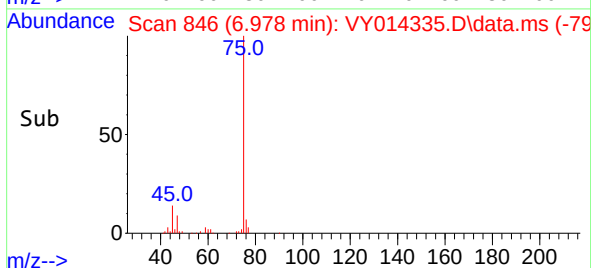
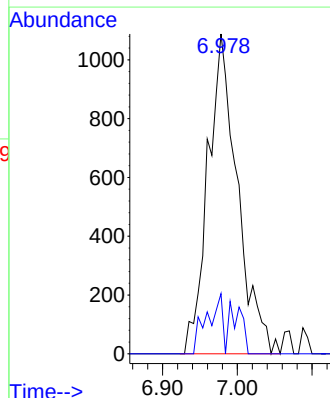
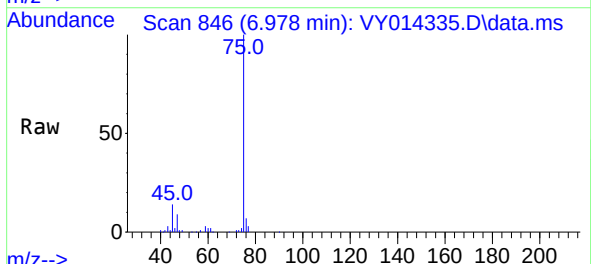
Instrument :
MSVOA_Y
ClientSampleId :
WC-9

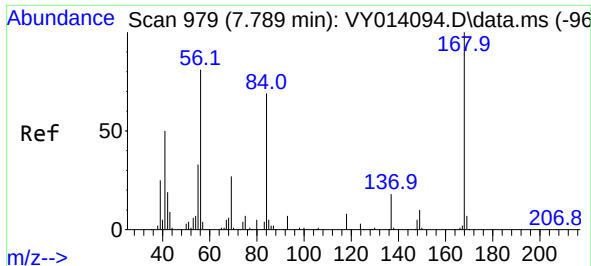
Tgt Ion: 43 Resp: 2990
Ion Ratio Lower Upper
43 100
58 41.1 22.7 34.1#



#25
2-Butanone
Concen: 3.160 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
72 18.8 20.5 30.7#

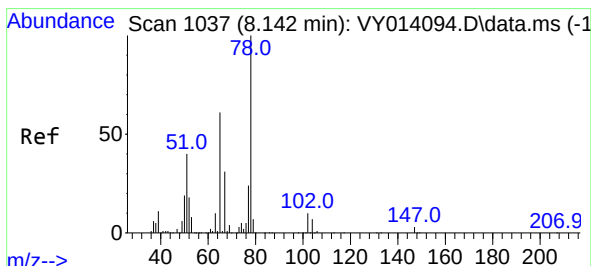
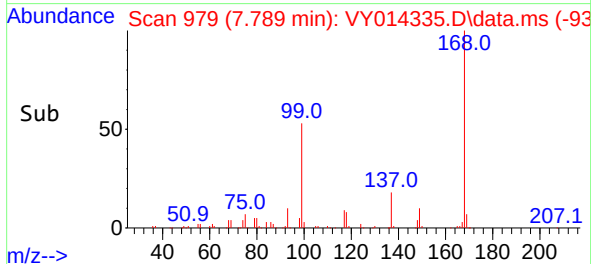
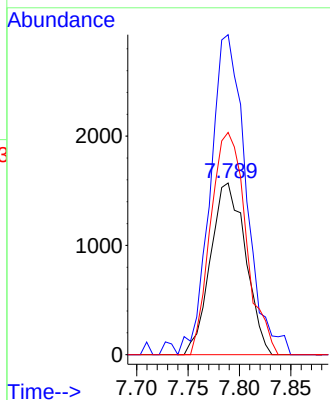
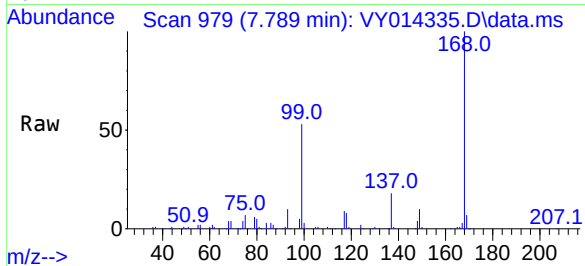




#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

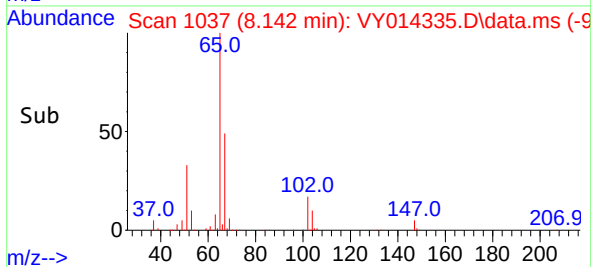
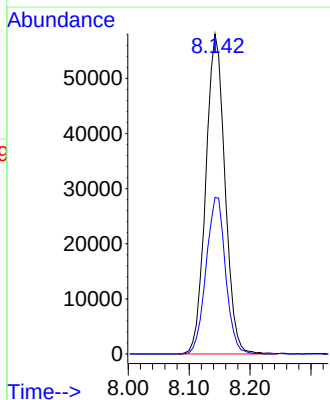
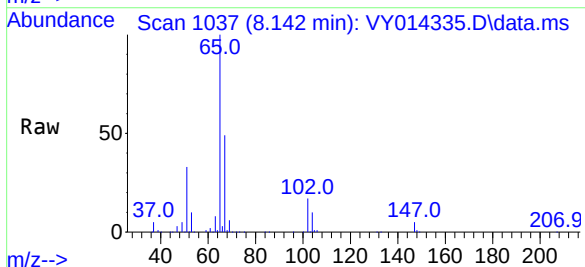
Instrument :
MSVOA_Y
ClientSampleId :
WC-9

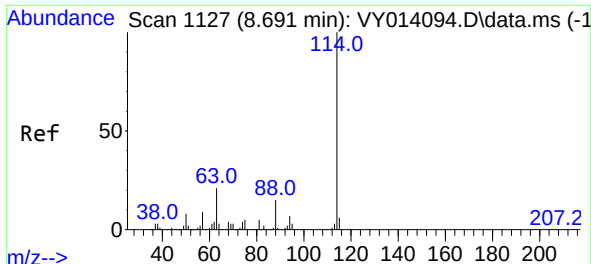
Tgt Ion: 56 Resp: 3730
Ion Ratio Lower Upper
56 100
69 186.3 27.8 41.6#
84 129.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 49.665 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

Tgt Ion: 65 Resp: 127066
Ion Ratio Lower Upper
65 100
67 49.7 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: VY014335.D

Acq: 21 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

WC-9

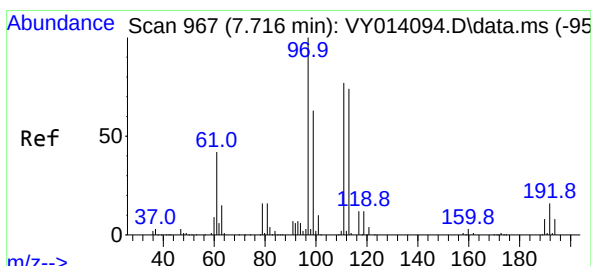
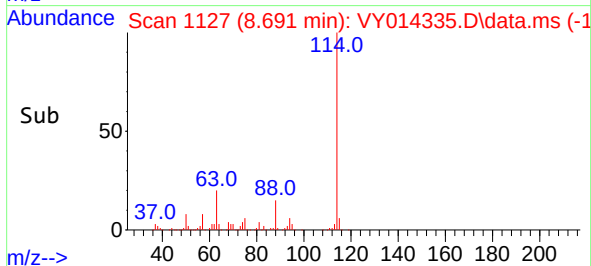
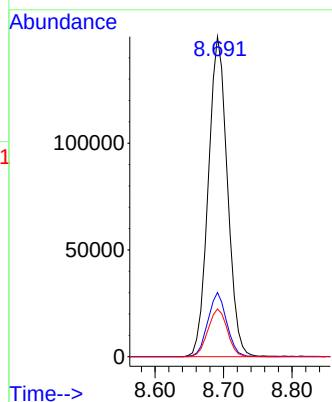
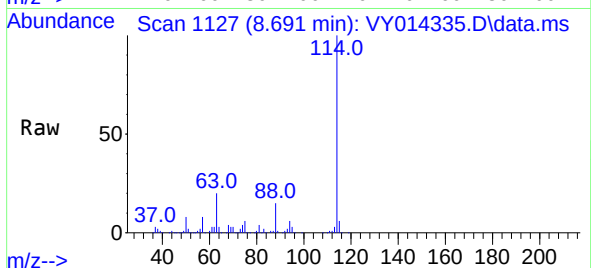
Tgt Ion:114 Resp: 290175

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.223 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014335.D

Acq: 21 Jun 2023 14:57

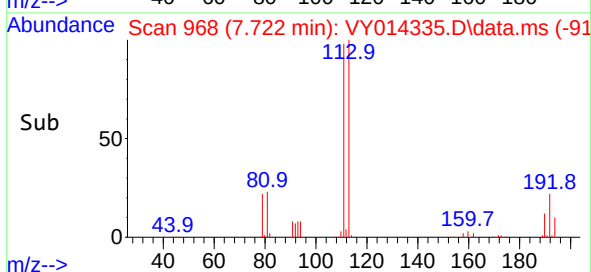
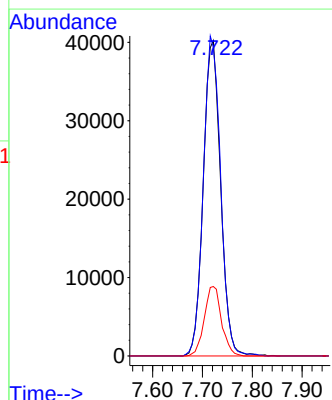
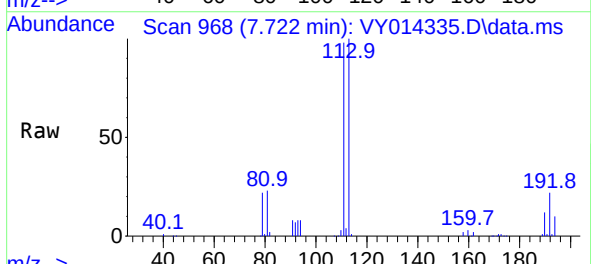
Tgt Ion:113 Resp: 97178

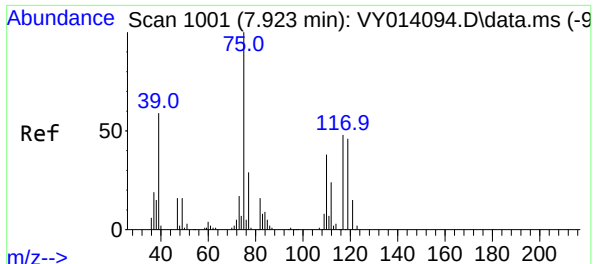
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 21.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.299 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY014335.D

Acq: 21 Jun 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

WC-9

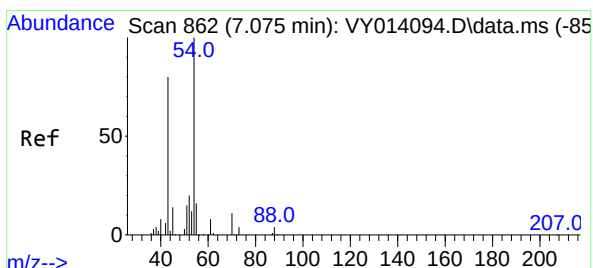
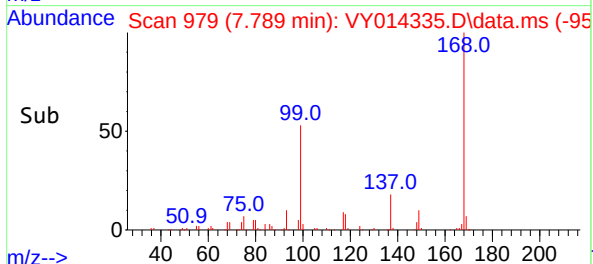
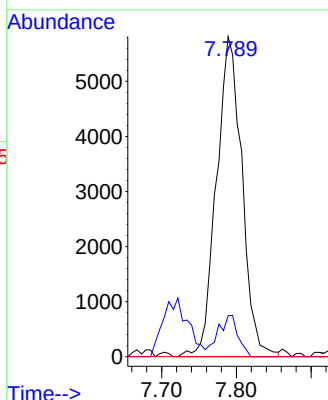
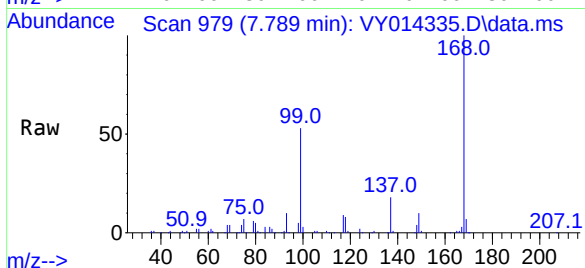
Tgt Ion: 75 Resp: 13791

Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.5#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.355 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.097 min

Lab File: VY014335.D

Acq: 21 Jun 2023 14:57

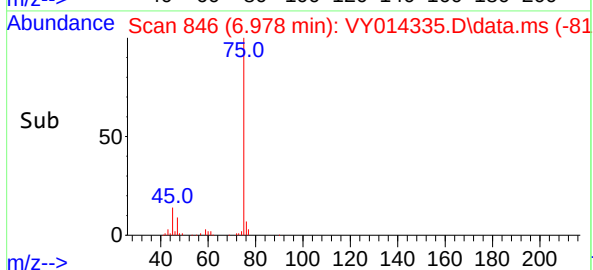
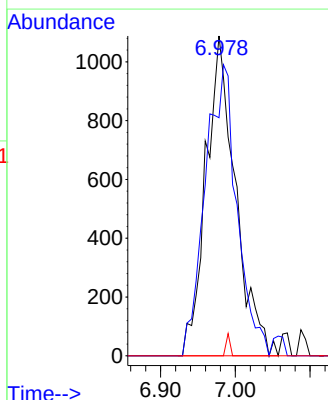
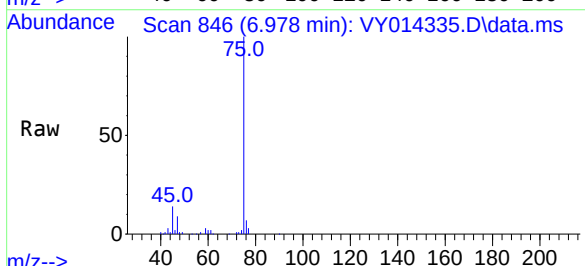
Tgt Ion: 43 Resp: 3000

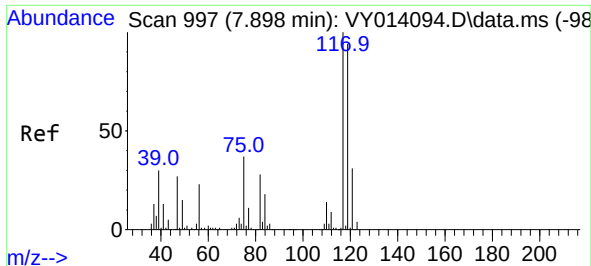
Ion Ratio Lower Upper

43 100

61 97.4 10.1 15.1#

70 0.9 7.1 10.7#

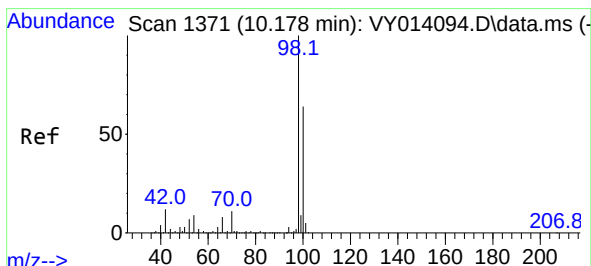
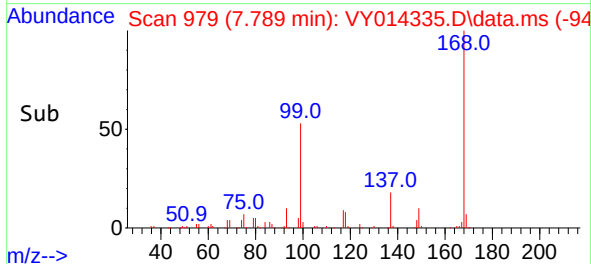
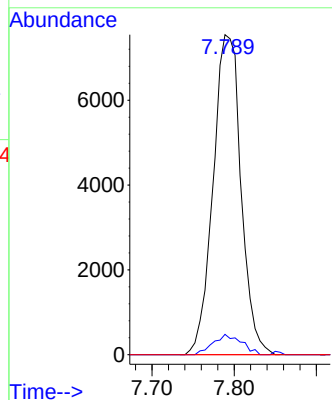
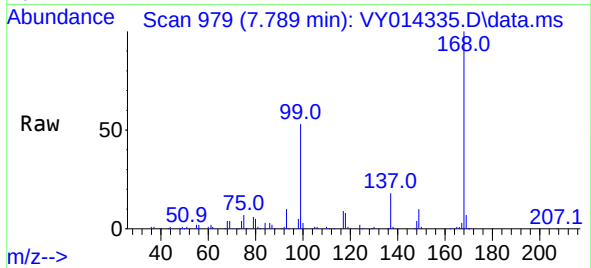




#38
Carbon Tetrachloride
Concen: 4.798 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

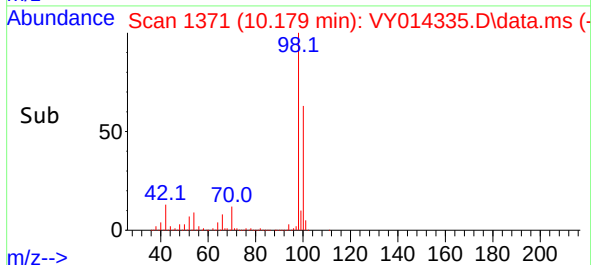
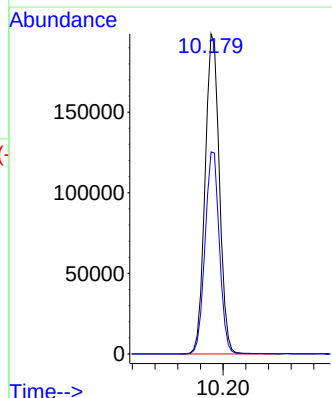
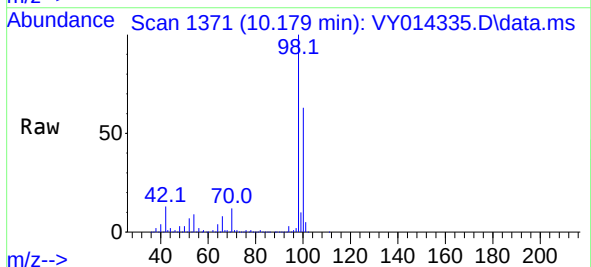
Instrument :
MSVOA_Y
ClientSampleId :
WC-9

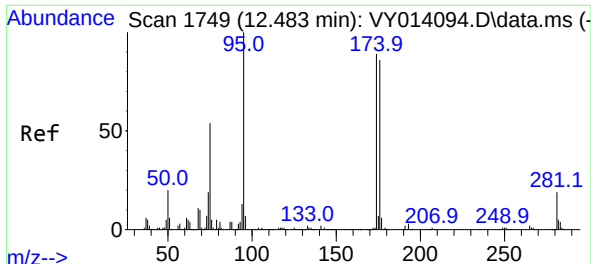
Tgt Ion:117 Resp: 17764
Ion Ratio Lower Upper
117 100
119 6.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.109 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

Tgt Ion: 98 Resp: 347043
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

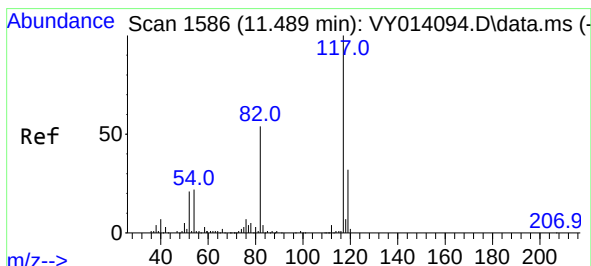
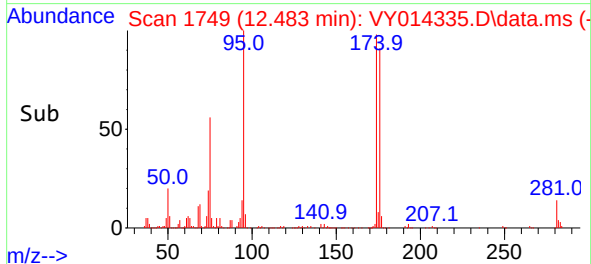
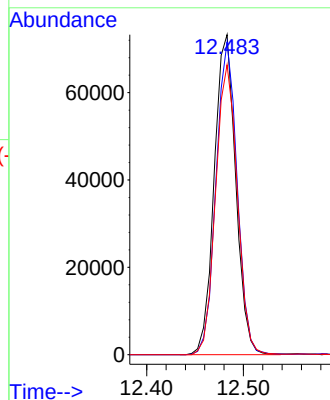
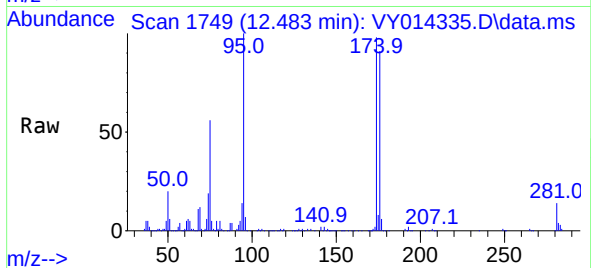




#62
4-Bromofluorobenzene
Concen: 41.353 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

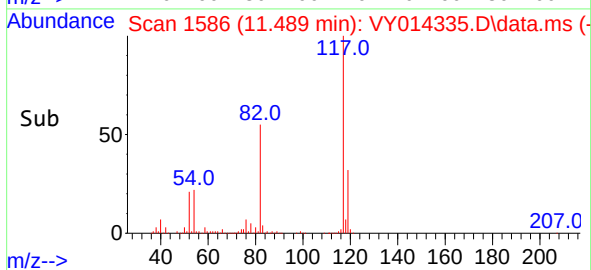
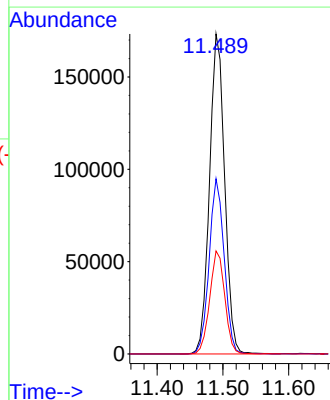
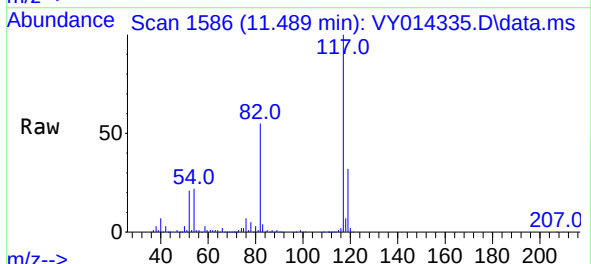
Instrument :
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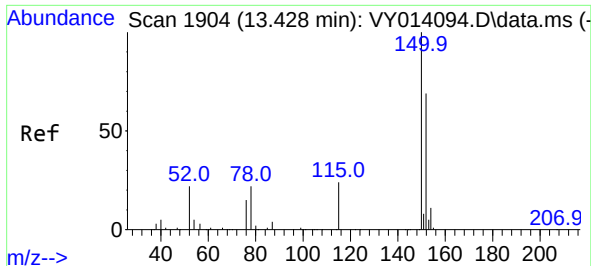
Tgt Ion: 95 Resp: 113015
Ion Ratio Lower Upper
95 100
174 95.7 0.0 178.2
176 91.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

Tgt Ion: 117 Resp: 278043
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.2 26.3 39.5

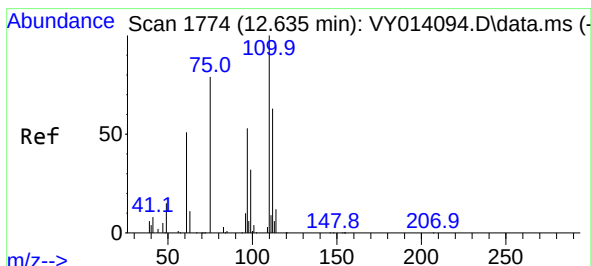
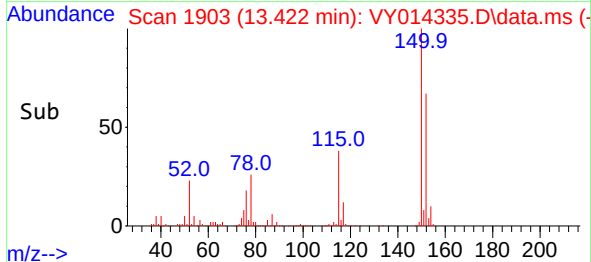
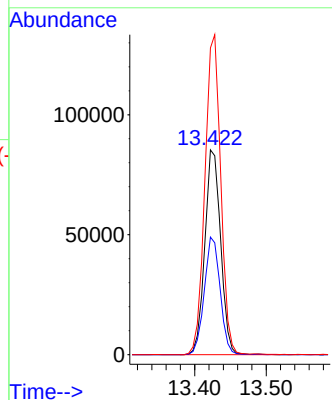
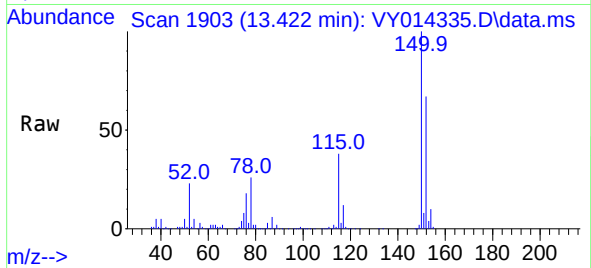




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

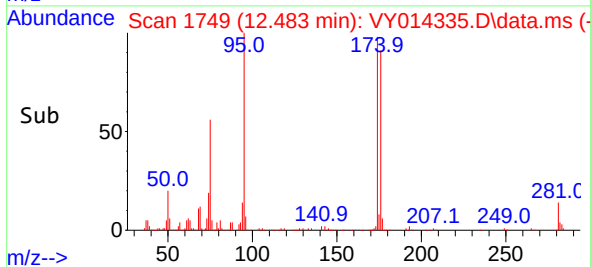
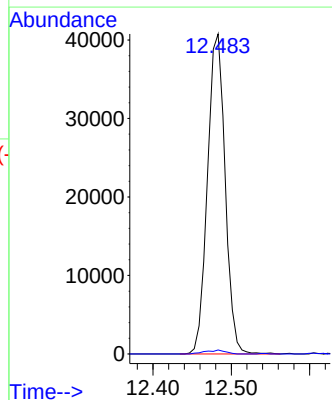
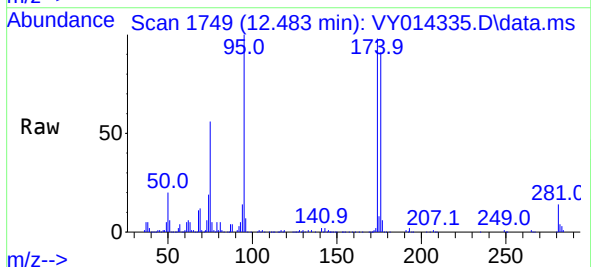
Instrument :
MSVOA_Y
ClientSampleId :
WC-9

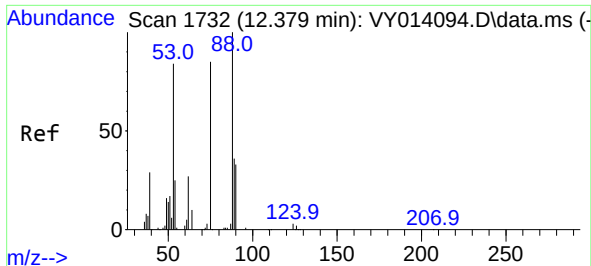
Tgt Ion:152 Resp: 131358
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 155.8 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 36.987 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014335.D
Acq: 21 Jun 2023 14:57

Tgt Ion: 75 Resp: 63743
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.952 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014335.D
 Acq: 21 Jun 2023 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-9

Tgt Ion: 75 Resp: 63743
 Ion Ratio Lower Upper
 75 100
 53 0.7 77.8 116.8#
 89 0.1 37.4 56.0#

