

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014099.D
 Acq On : 09 Jun 2023 17:00
 Operator : KP/MD
 Sample : VY0609SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0609SBL01

Quant Time: Jun 09 18:10:57 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)

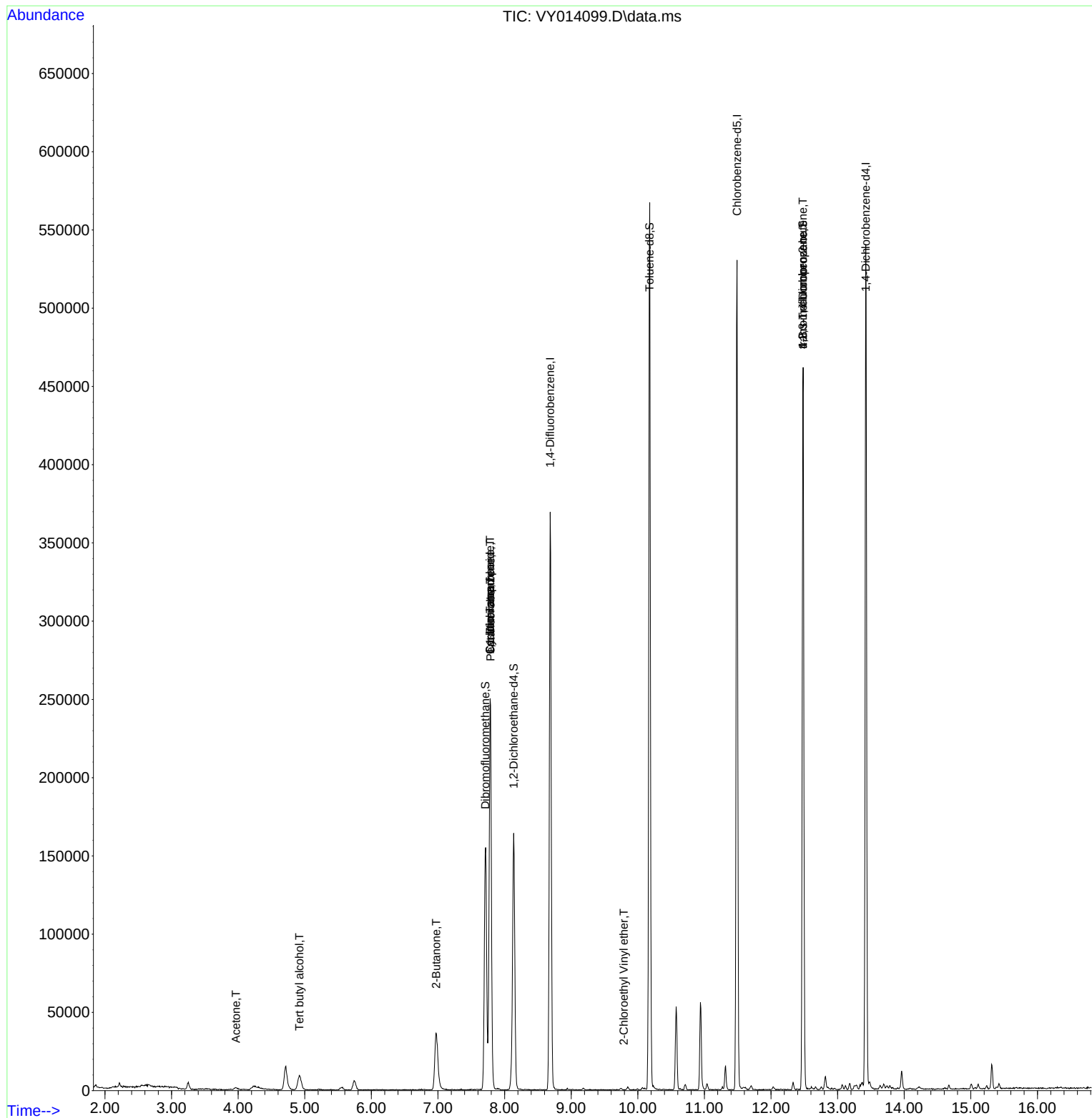
Internal Standards						
1) Pentafluorobenzene	7.789	168	196653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132777	48.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.710	113	108980	50.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.240%
50) Toluene-d8	10.179	98	365304	45.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.477	95	124204	43.442	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.880%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	8889	8.223	ug/l #	89
16) Acetone	3.966	43	2932	3.552	ug/l #	87
25) 2-Butanone	6.972	43	2864	2.819	ug/l #	68
31) Cyclohexane	7.783	56	4195	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14585	4.346	ug/l #	52
38) Carbon Tetrachloride	7.783	117	19493	5.033	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.789	63	41	28.648	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	70299	38.780	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70299	83.828	ug/l #	11

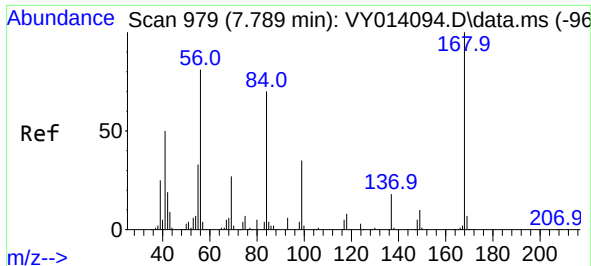
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
Data File : VY014099.D
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Sample : VY0609SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

Quant Time: Jun 09 18:10:57 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

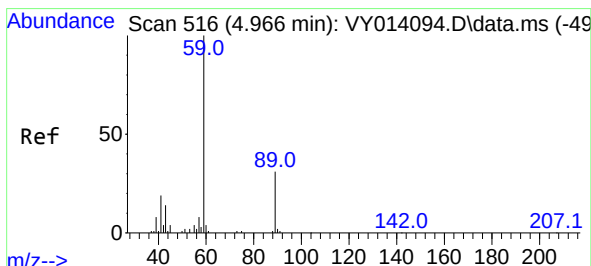
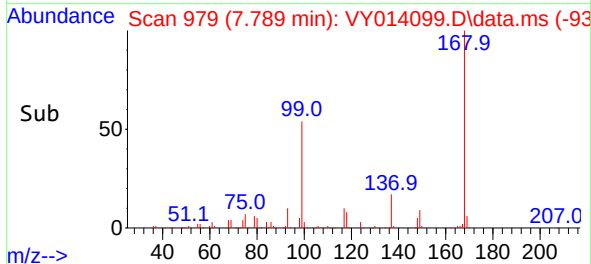
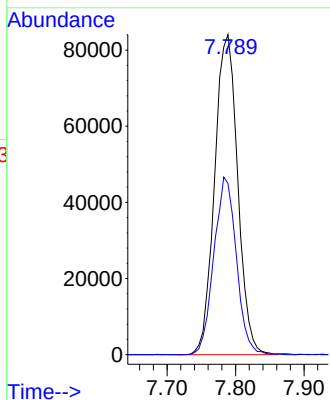
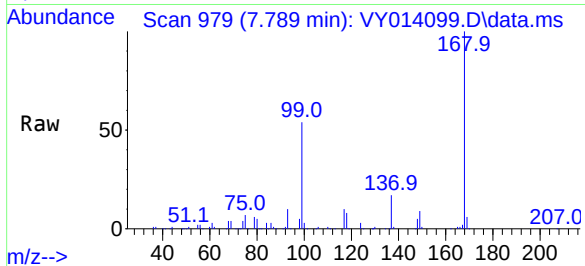




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

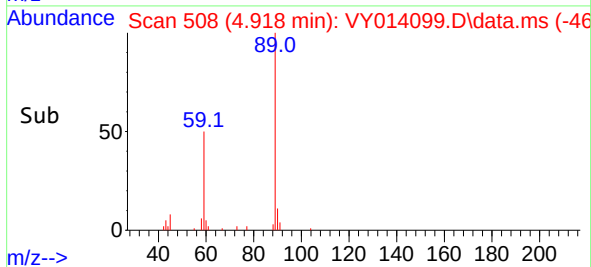
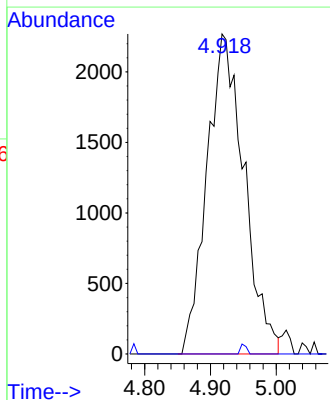
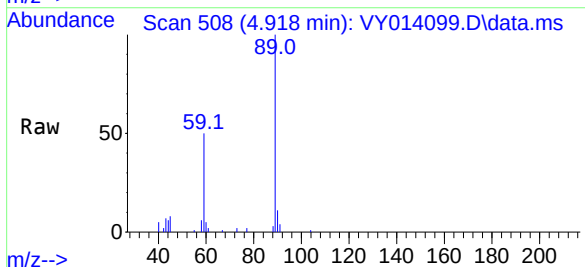
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

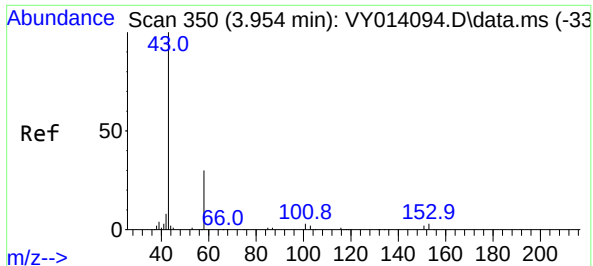
Tgt Ion:168 Resp: 196653
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.223 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.048 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion: 59 Resp: 8889
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

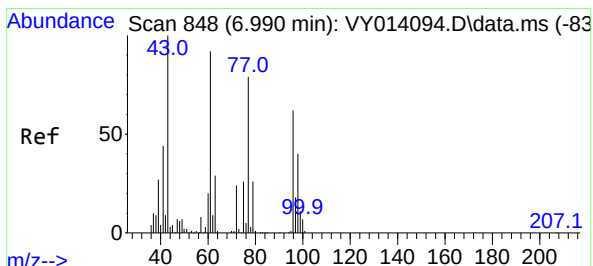
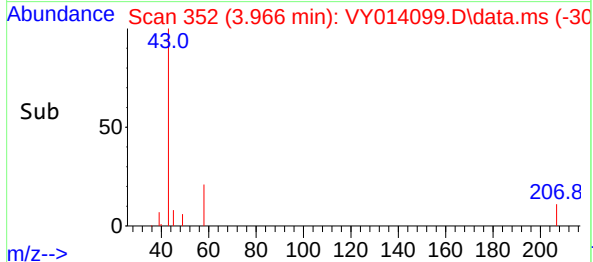
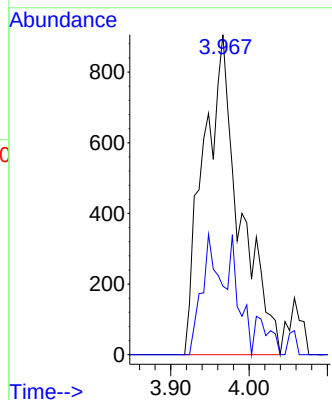
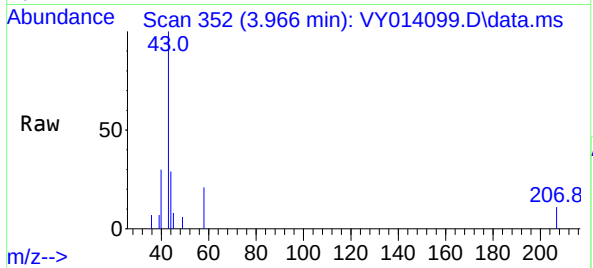




#16
Acetone
Concen: 3.552 ug/l
RT: 3.966 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

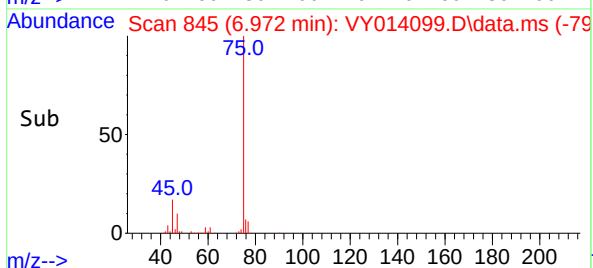
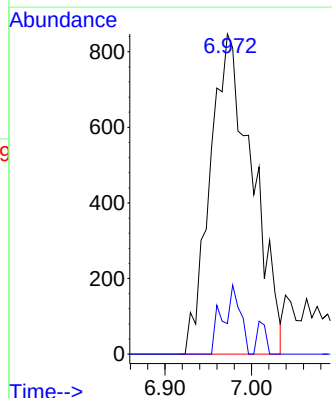
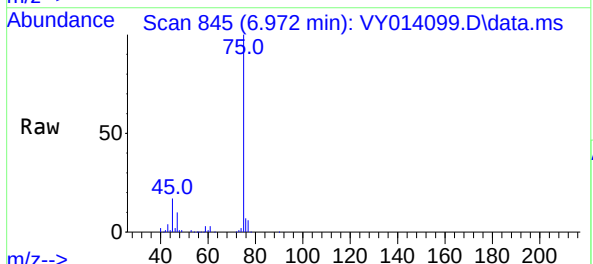
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

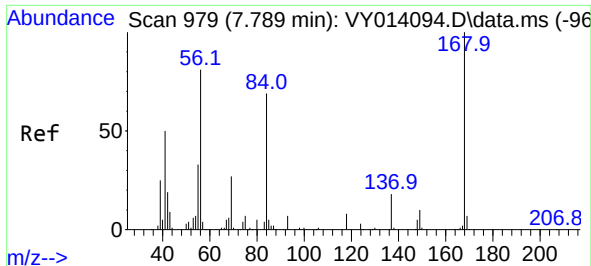
Tgt Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
58 21.4 22.7 34.1#



#25
2-Butanone
Concen: 2.819 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

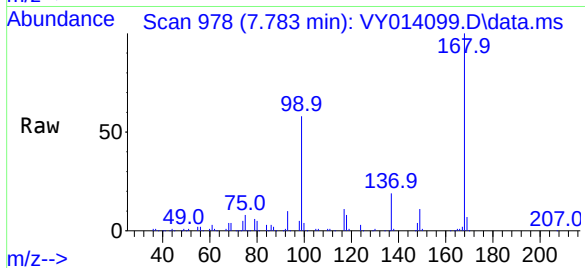
Tgt Ion: 43 Resp: 2864
Ion Ratio Lower Upper
43 100
72 9.6 20.5 30.7#



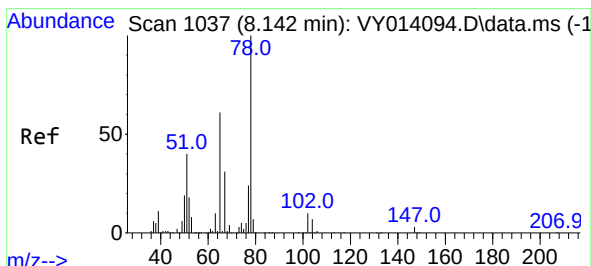
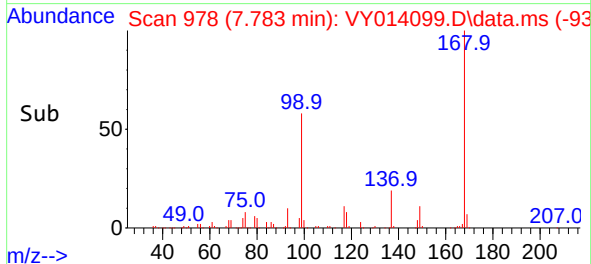
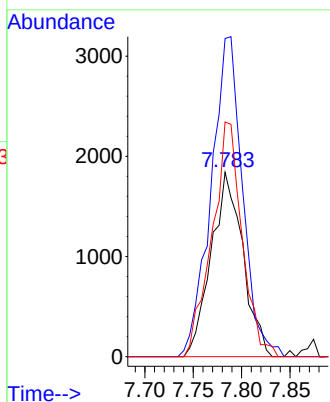


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

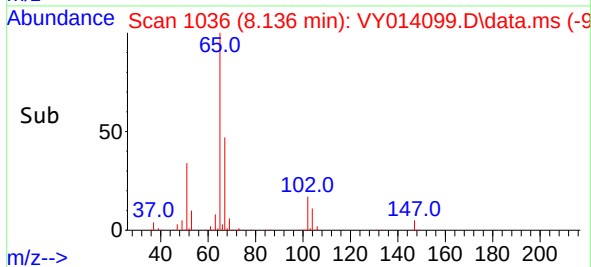
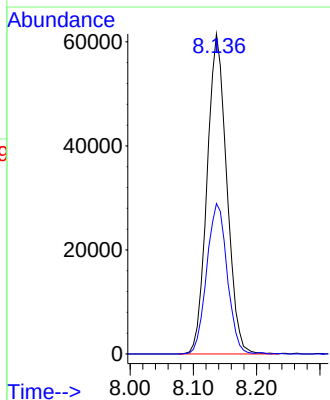
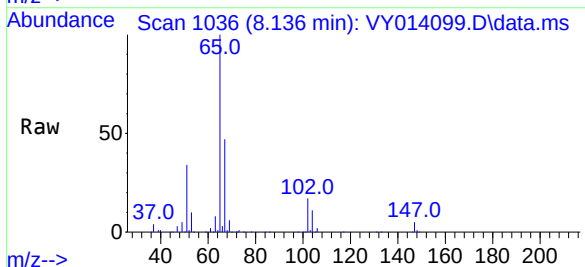


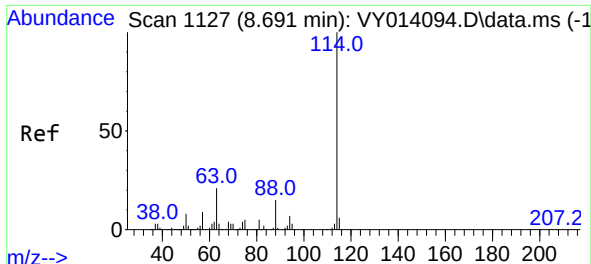
Tgt Ion: 56 Resp: 4195
Ion Ratio Lower Upper
56 100
69 172.6 27.8 41.6#
84 127.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.487 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion: 65 Resp: 132777
Ion Ratio Lower Upper
65 100
67 48.8 0.0 101.8



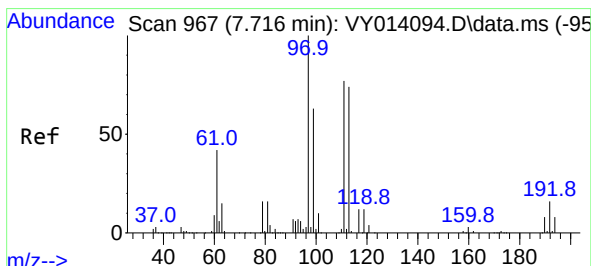
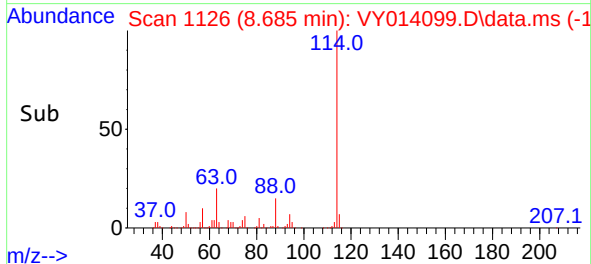
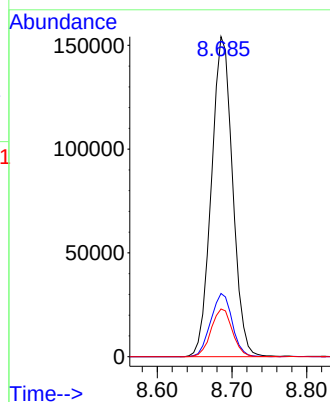
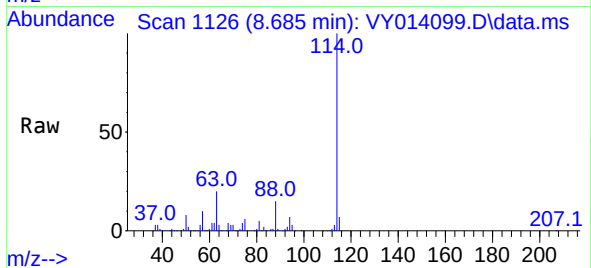


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

Tgt Ion:114 Resp: 303568

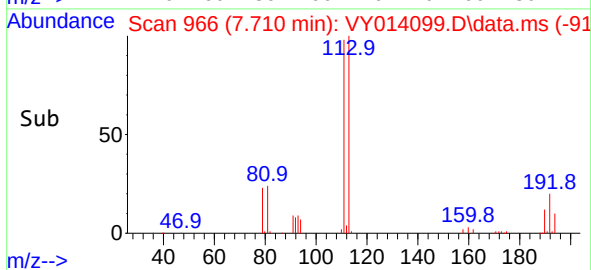
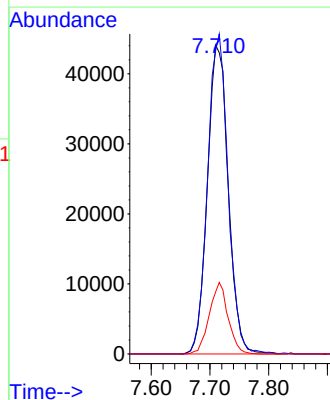
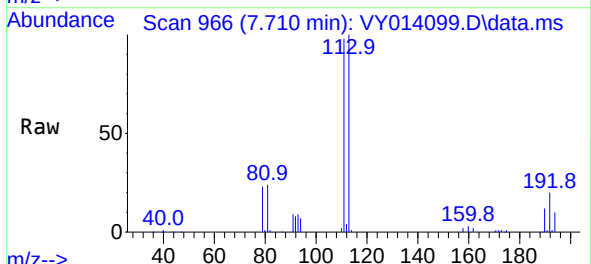
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.4
88	14.9	0.0	30.6

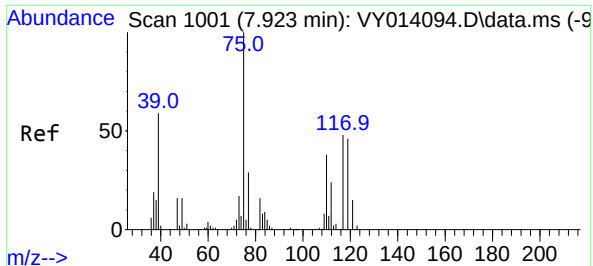


#35
Dibromofluoromethane
Concen: 50.622 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion:113 Resp: 108980

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.3	121.9
192	20.7	16.9	25.3

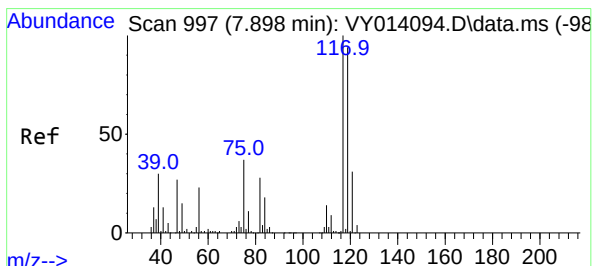
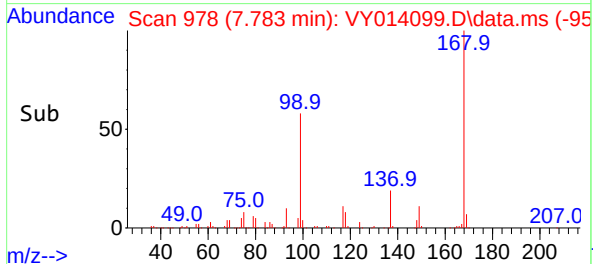
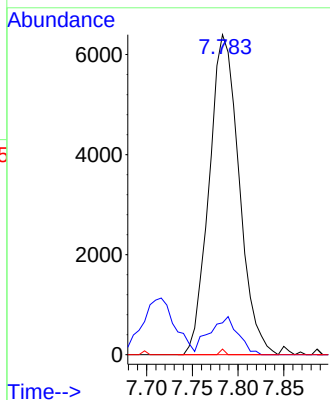
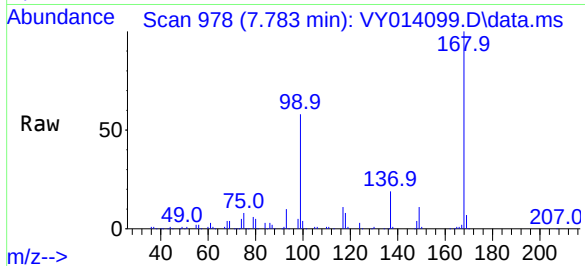




#36
1,1-Dichloropropene
Concen: 4.346 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

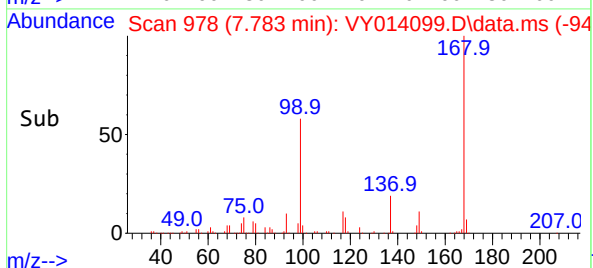
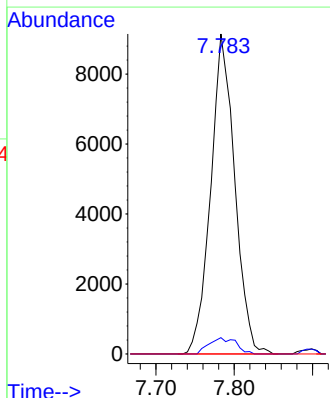
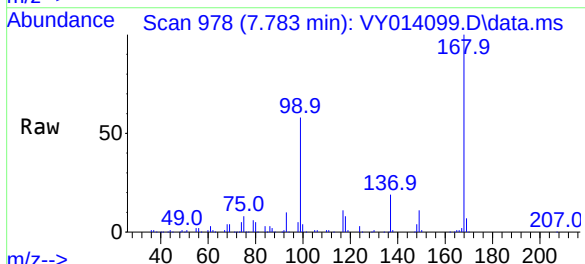
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

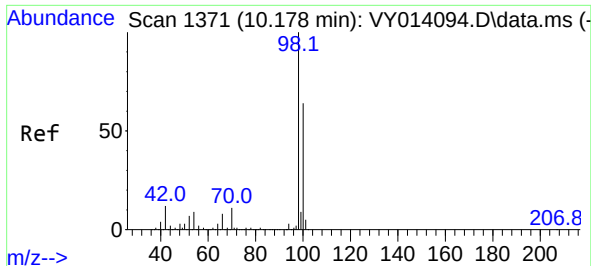
Tgt Ion: 75 Resp: 14585
Ion Ratio Lower Upper
75 100
110 11.3 17.8 53.5#
77 0.3 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion: 117 Resp: 19493
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#

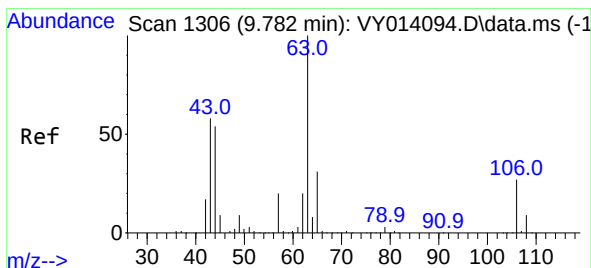
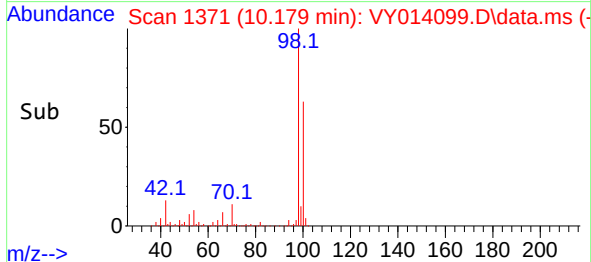
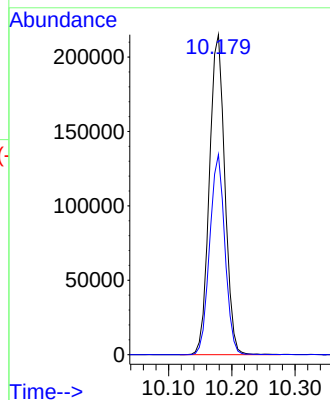
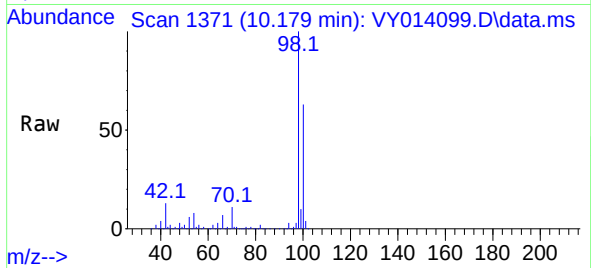




#50
Toluene-d8
Concen: 45.387 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

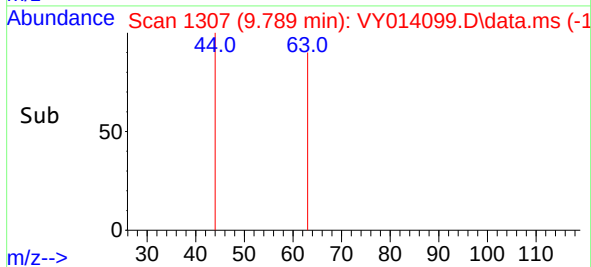
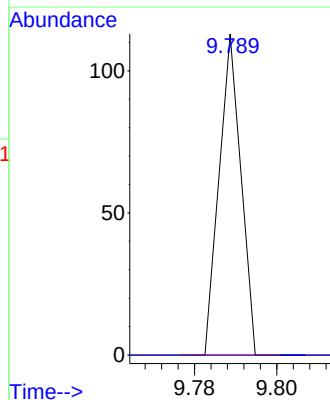
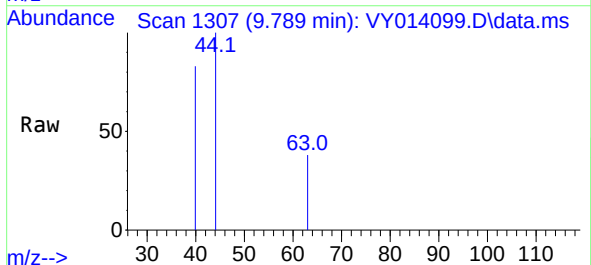
Instrument :
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ClientSampleId :
VY0609SBL01

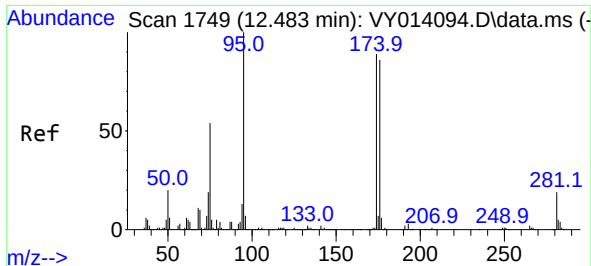
Tgt Ion: 98 Resp: 365304
Ion Ratio Lower Upper
98 100
100 61.7 50.1 75.1



#58
2-Chloroethyl Vinyl ether
Concen: 28.648 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.007 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion: 63 Resp: 41
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

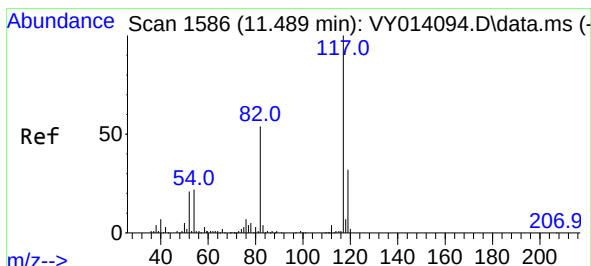
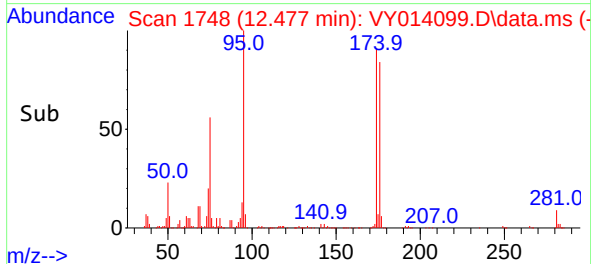
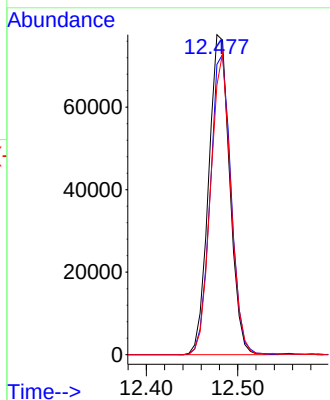
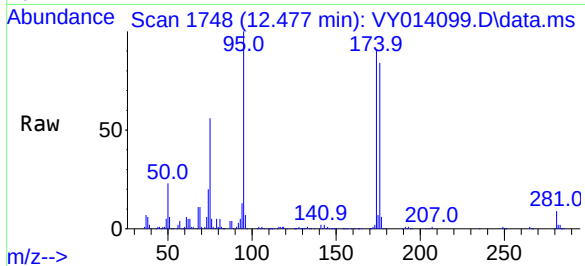




#62
4-Bromofluorobenzene
Concen: 43.442 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

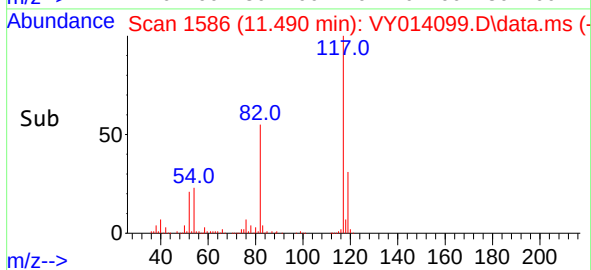
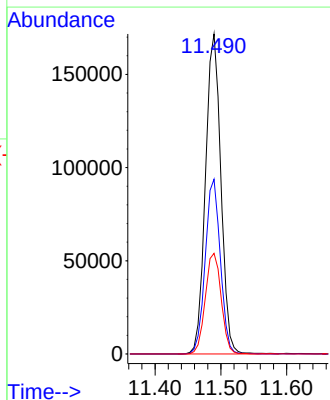
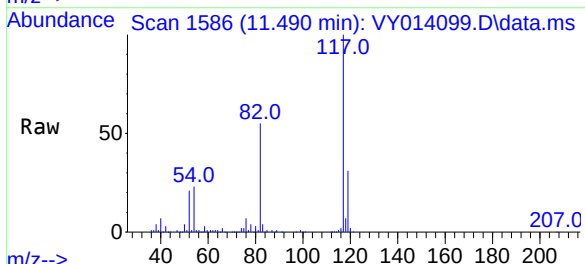
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

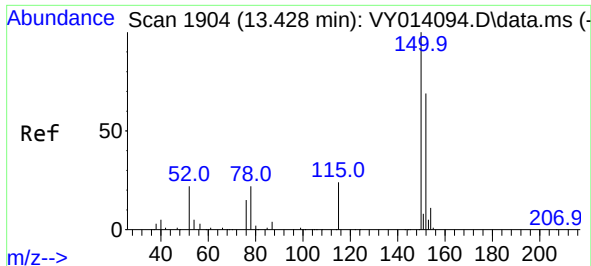
Tgt Ion: 95 Resp: 124204
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 90.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion: 117 Resp: 280207
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.5 26.3 39.5

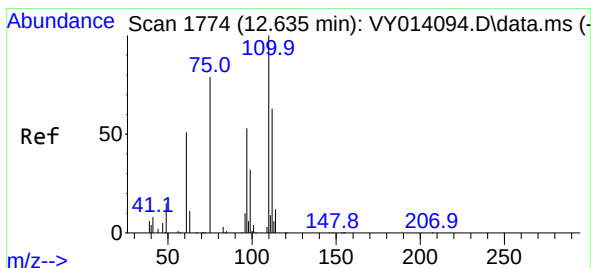
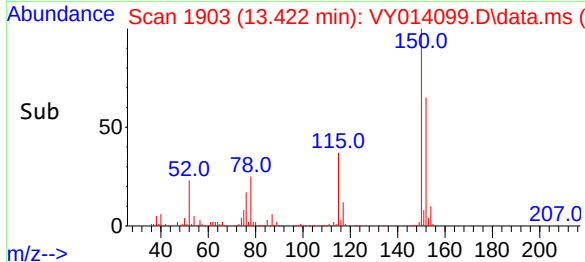
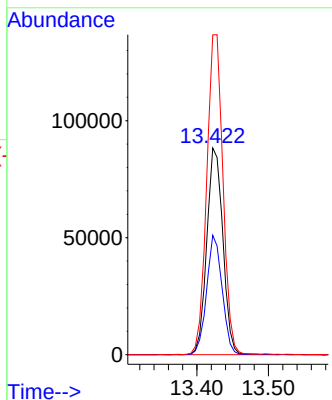
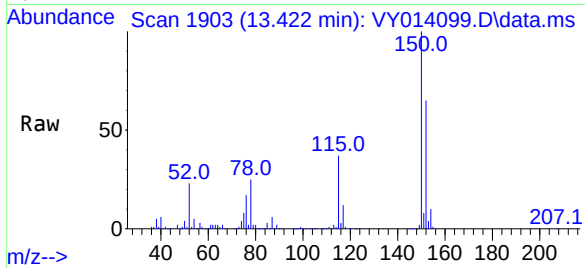




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

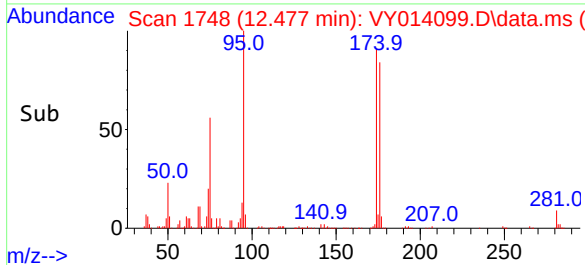
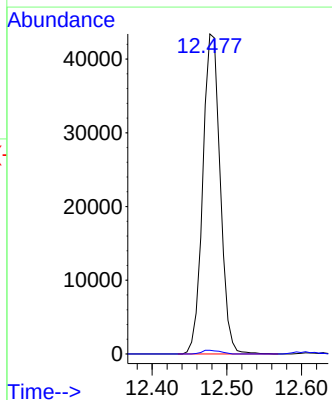
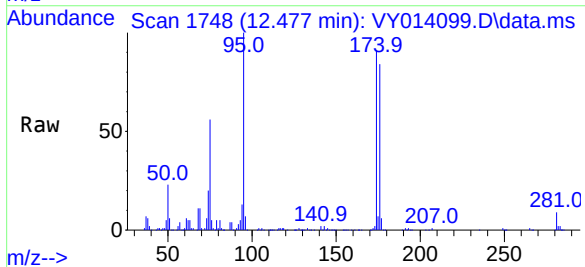
Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

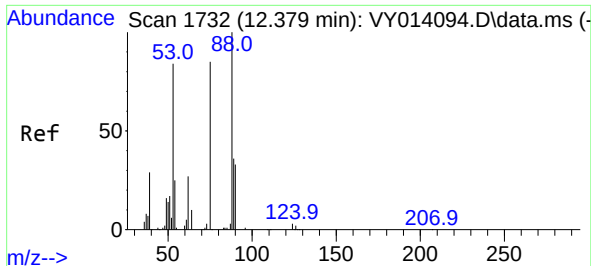
Tgt Ion:152 Resp: 138170
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 155.9 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 38.780 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Tgt Ion: 75 Resp: 70299
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.828 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY014099.D
Acq: 09 Jun 2023 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0609SBL01

Tgt Ion: 75 Resp: 70299
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#

