

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010946.D
 Acq On : 12 Oct 2022 16:48
 Operator : KP/MD
 Sample : N5102-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-101122

Quant Time: Oct 13 05:35:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

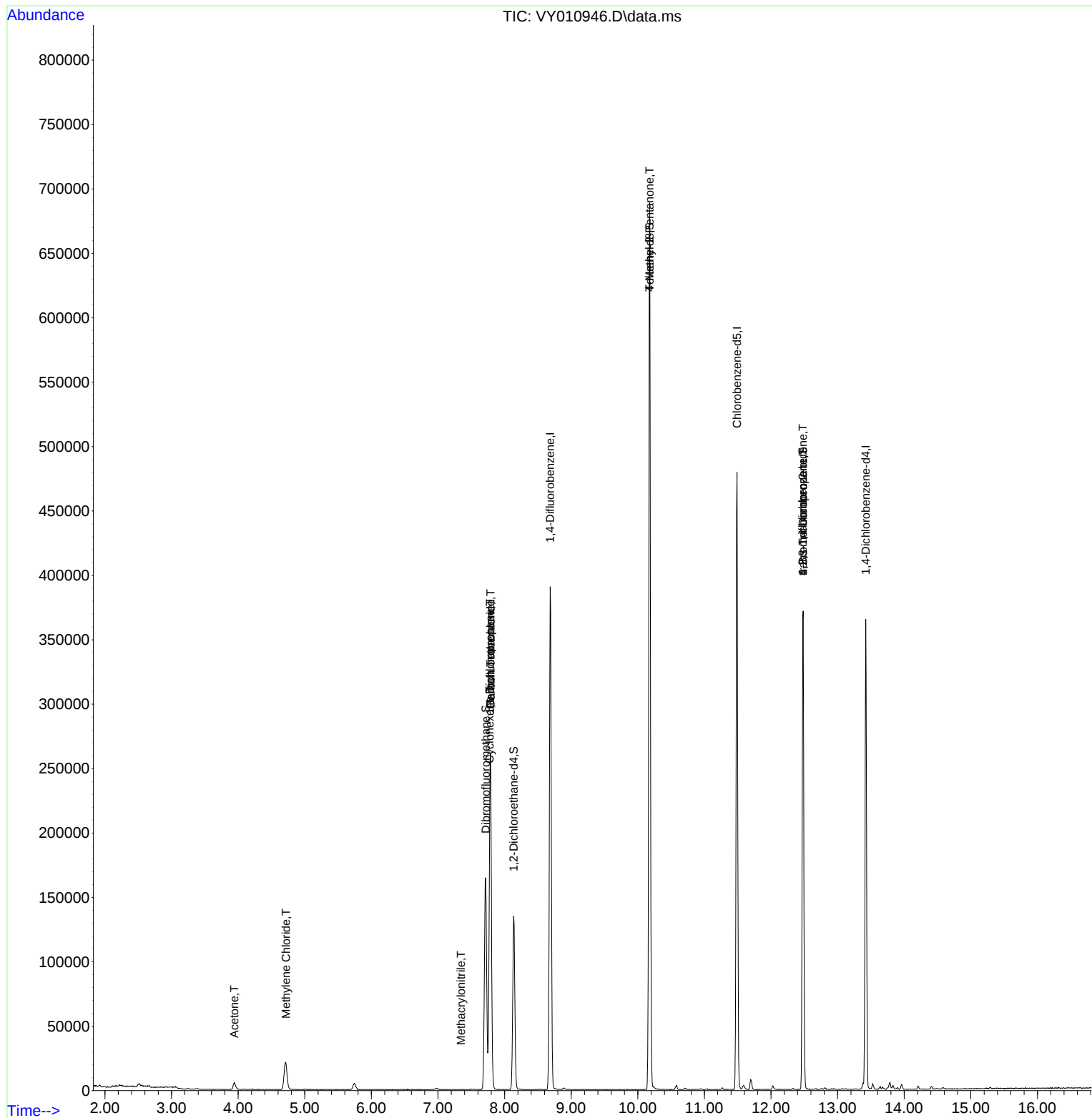
Internal Standards						
1) Pentafluorobenzene	7.789	168	203866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102684	49.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.380%
35) Dibromofluoromethane	7.716	113	119660	53.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.120%
50) Toluene-d8	10.179	98	450261	58.932	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.860%
62) 4-Bromofluorobenzene	12.477	95	115185	37.682	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.360%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	9431	17.970	ug/l #	82
20) Methylene Chloride	4.716	84	16749	2.303	ug/l #	84
31) Cyclohexane	7.777	56	4230	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15776	4.892	ug/l #	51
38) Carbon Tetrachloride	7.789	117	20791	6.189	ug/l #	15
41) Methacrylonitrile	7.344	41	58	2.641	ug/l #	1
51) 4-Methyl-2-Pentanone	10.179	43	1771	1.130	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	58419	61.682	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58419	128.849	ug/l #	7

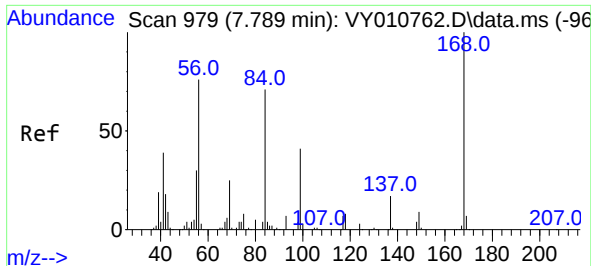
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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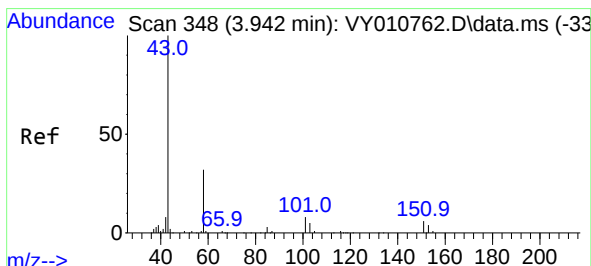
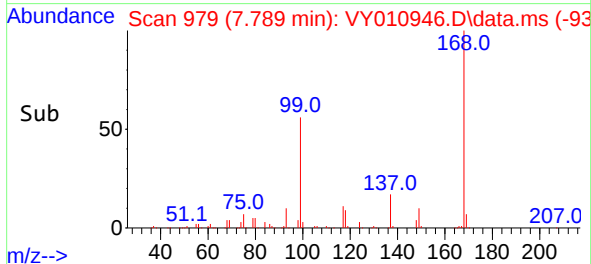
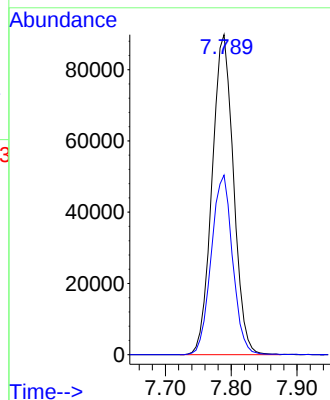
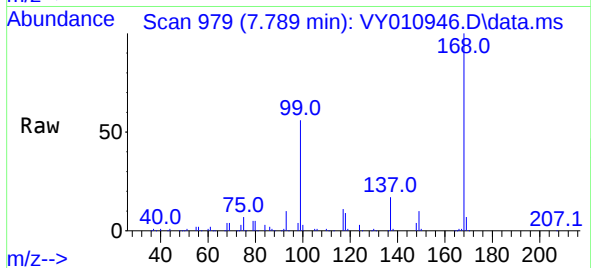




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

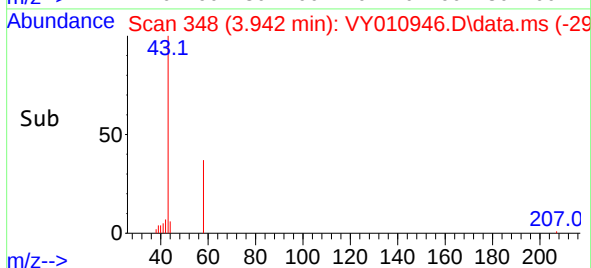
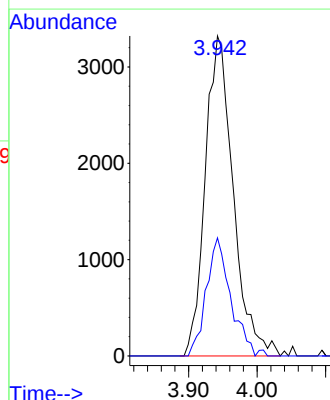
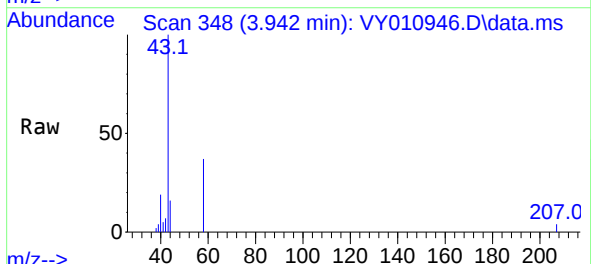
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-101122

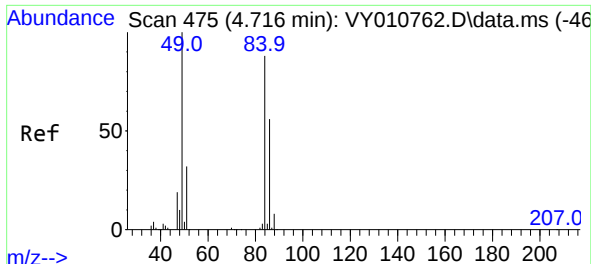
Tgt Ion:168 Resp: 203866
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#16
Acetone
Concen: 17.970 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

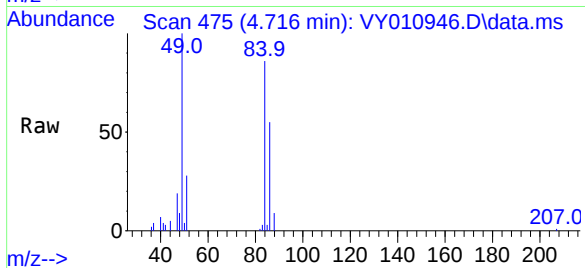
Tgt Ion: 43 Resp: 9431
Ion Ratio Lower Upper
43 100
58 36.9 22.0 33.0#





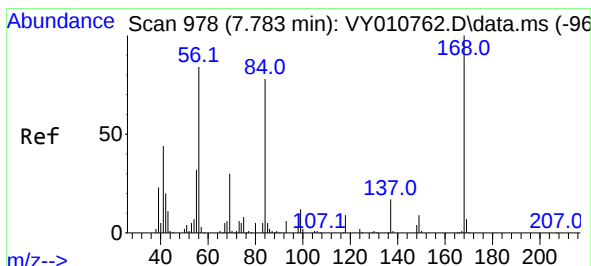
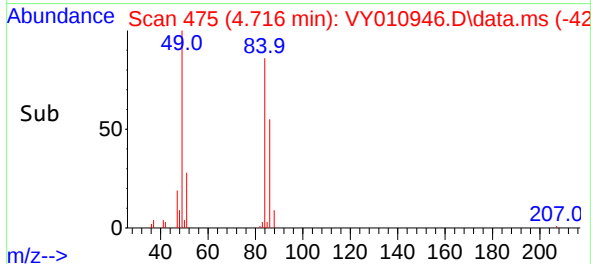
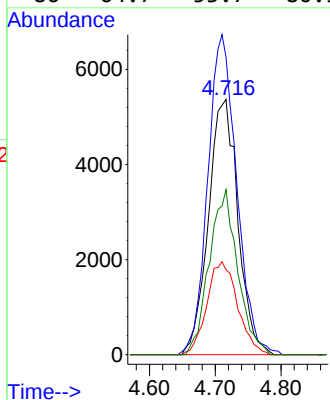
#20
Methylene Chloride
Concen: 2.303 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Instrument :
MSVOA_Y
ClientSampleId :
CL-1-101122



Tgt Ion: 84 Resp: 16749

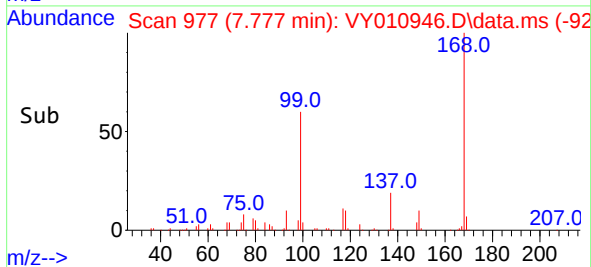
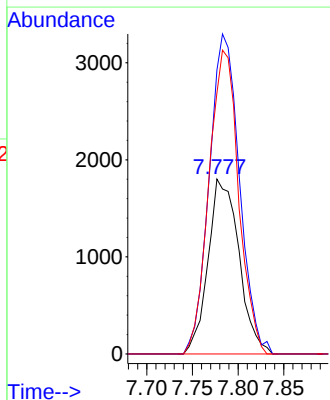
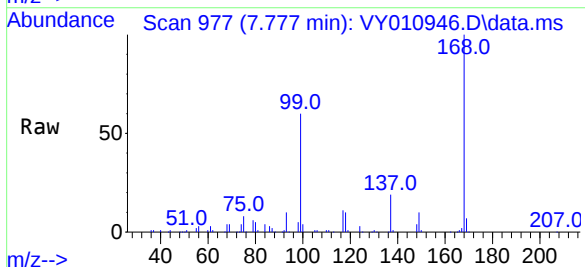
Ion	Ratio	Lower	Upper
84	100		
49	116.6	114.4	171.6
51	33.2	35.3	52.9#
86	64.7	53.7	80.5

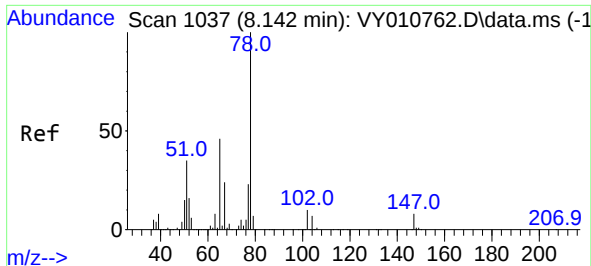


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Tgt Ion: 56 Resp: 4230

Ion	Ratio	Lower	Upper
56	100		
69	162.4	26.7	40.1#
84	149.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.691 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010946.D

Acq: 12 Oct 2022 16:48

Instrument :

MSVOA_Y

ClientSampleId :

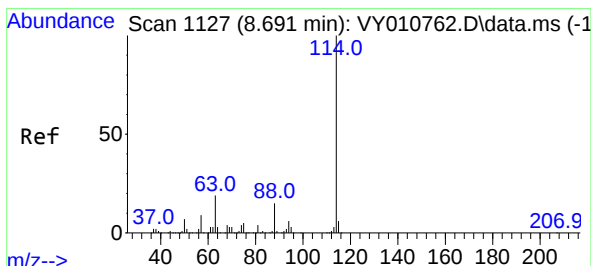
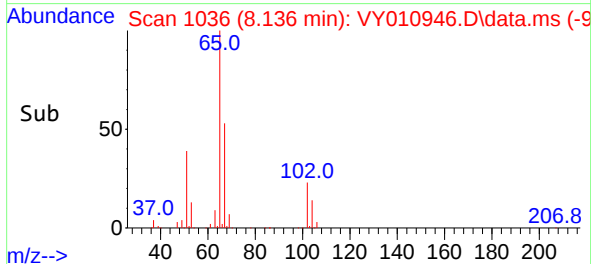
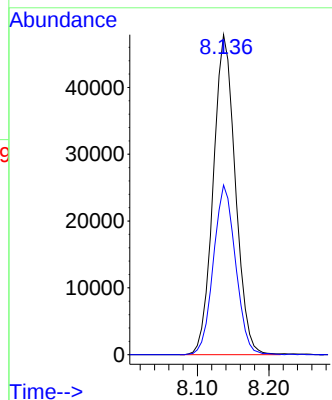
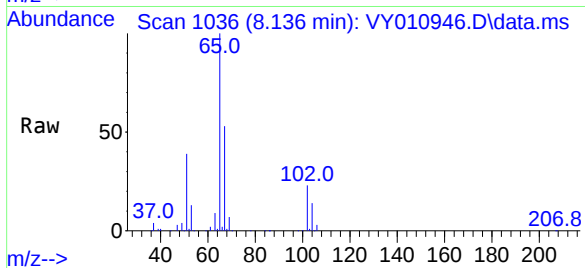
CL-1-101122

Tgt Ion: 65 Resp: 102684

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010946.D

Acq: 12 Oct 2022 16:48

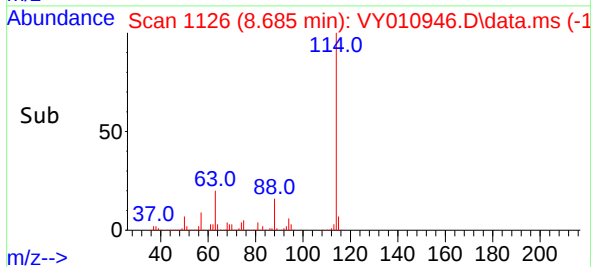
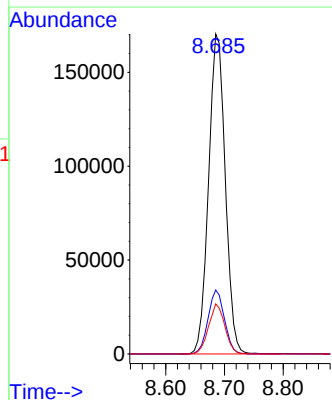
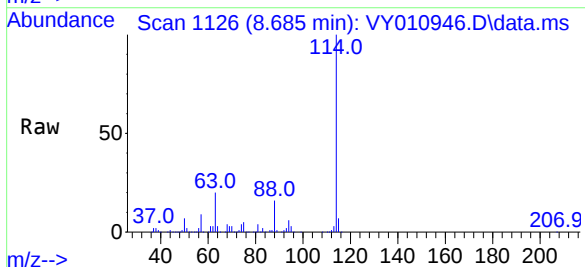
Tgt Ion: 114 Resp: 336558

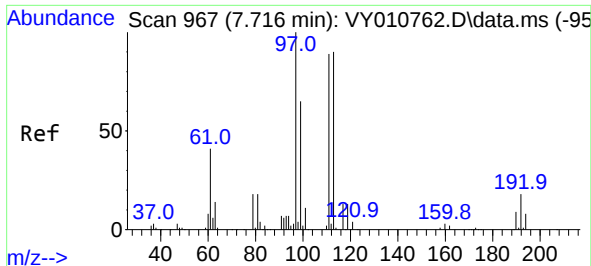
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.6 0.0 31.8

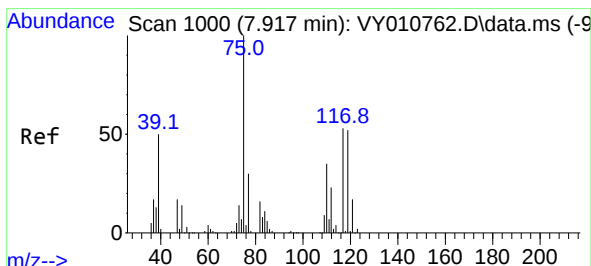
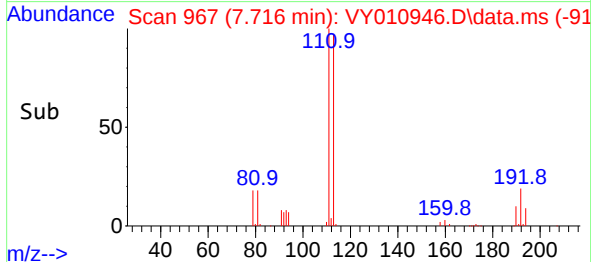
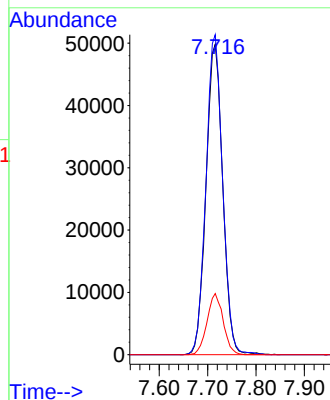
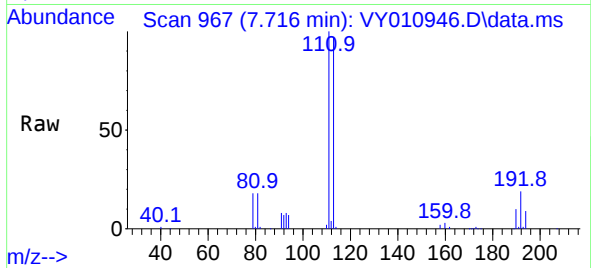




#35
Dibromofluoromethane
Concen: 53.561 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

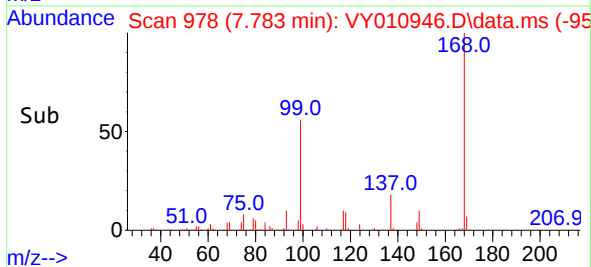
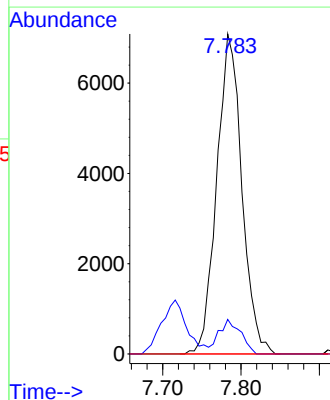
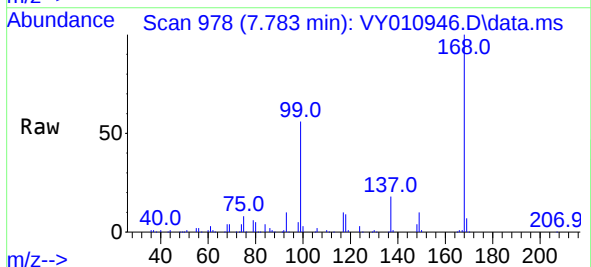
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-101122

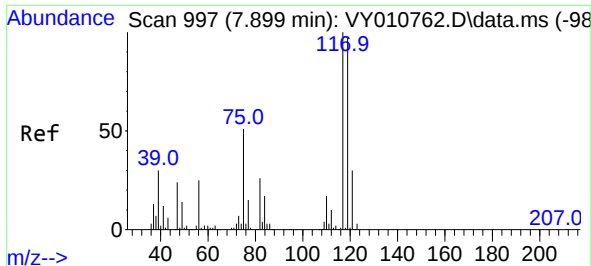
Tgt Ion:113 Resp: 119660
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Tgt Ion: 75 Resp: 15776
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

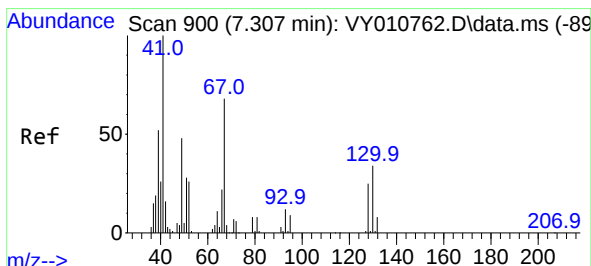
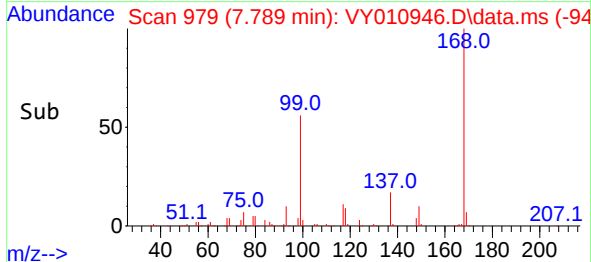
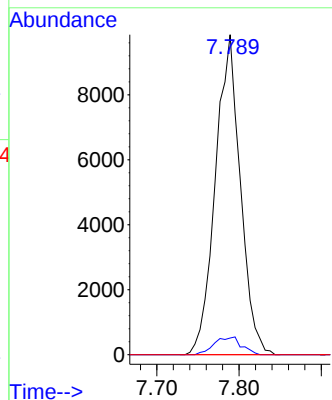
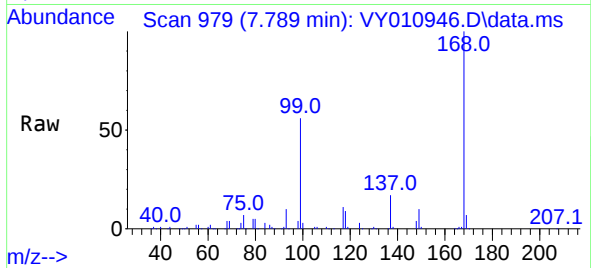




#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

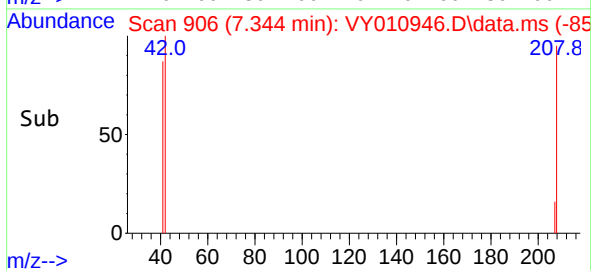
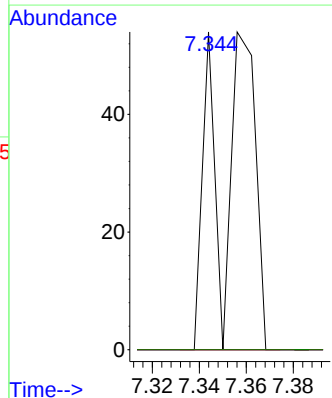
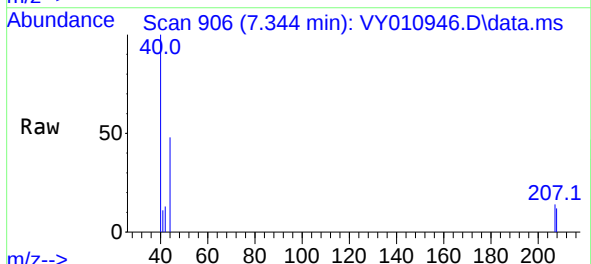
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ClientSampleId :
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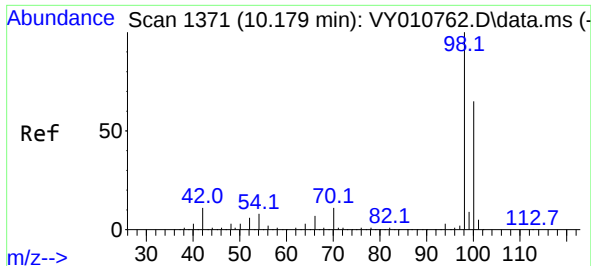
Tgt Ion:117 Resp: 20791
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.641 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Tgt Ion: 41 Resp: 58
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

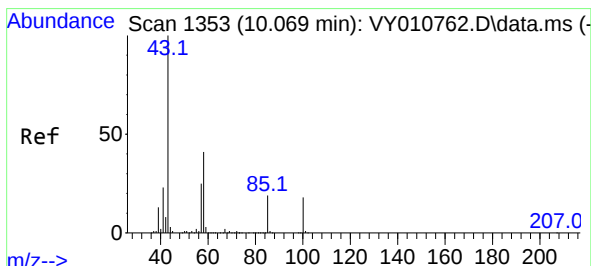
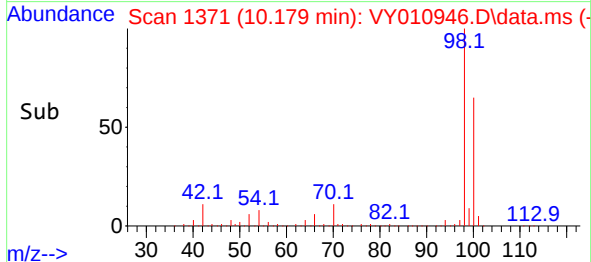
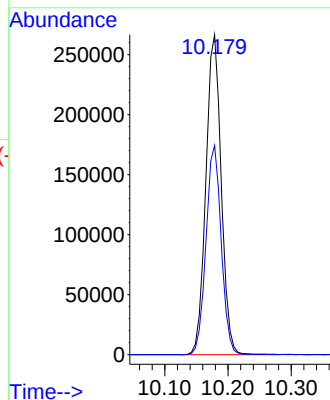
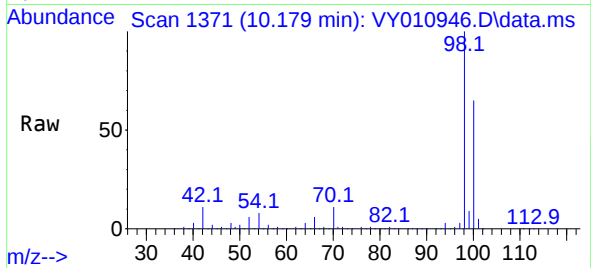




#50
Toluene-d8
Concen: 58.932 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

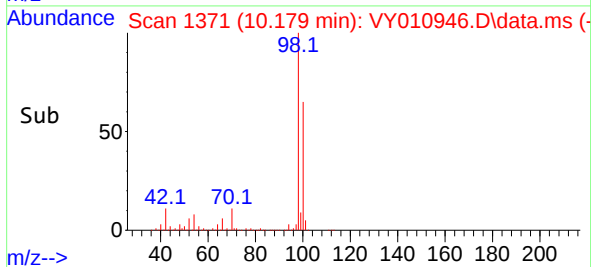
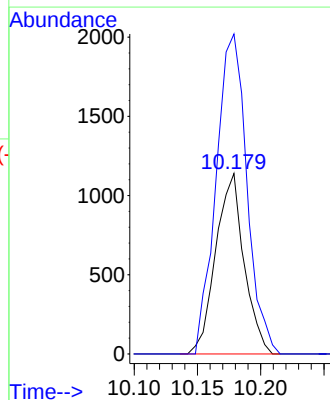
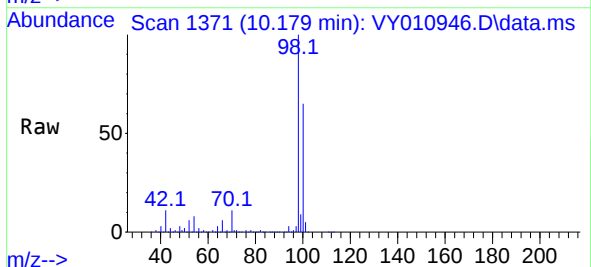
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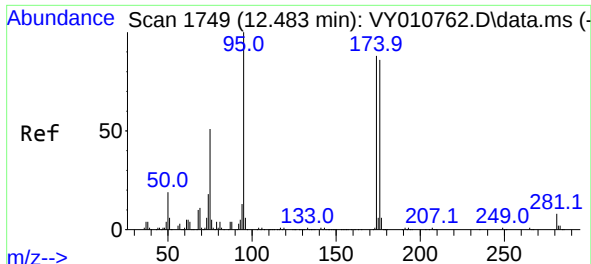
Tgt Ion: 98 Resp: 450261
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.130 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Tgt Ion: 43 Resp: 1771
Ion Ratio Lower Upper
43 100
58 193.0 28.1 42.1#

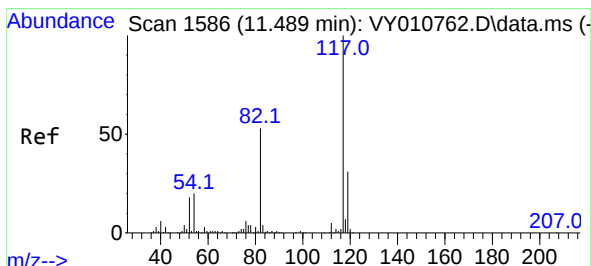
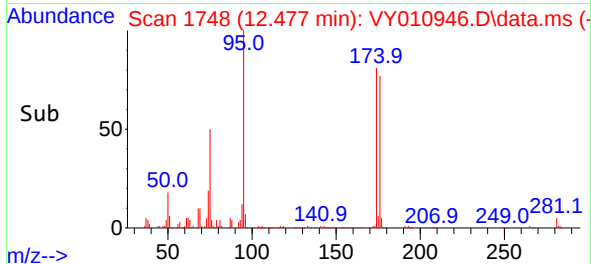
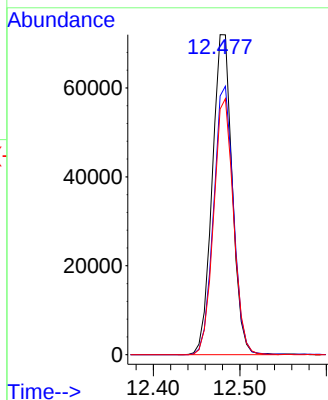
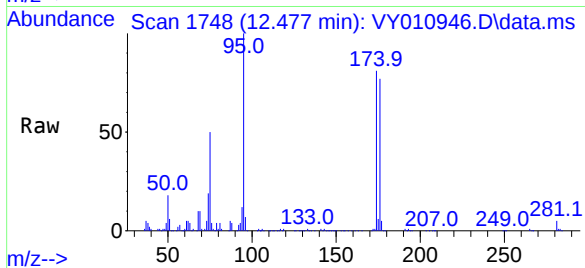




#62
4-Bromofluorobenzene
Concen: 37.682 ug/l
RT: 12.477 min Scan# 115185
Delta R.T. -0.006 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

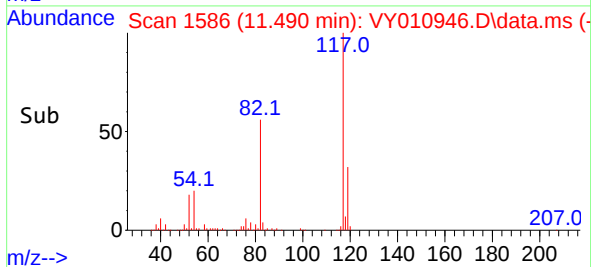
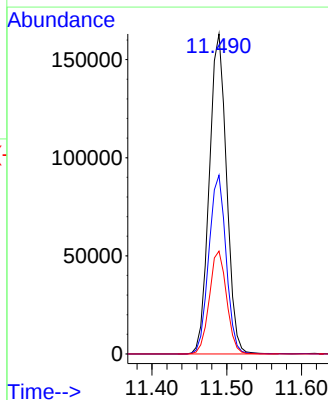
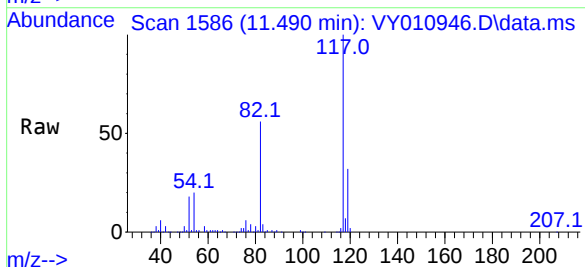
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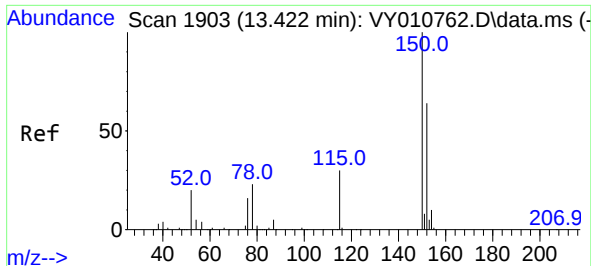
Tgt Ion: 95 Resp: 115185
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 79.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010946.D
Acq: 12 Oct 2022 16:48

Tgt Ion: 117 Resp: 262318
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 32.1 25.4 38.0

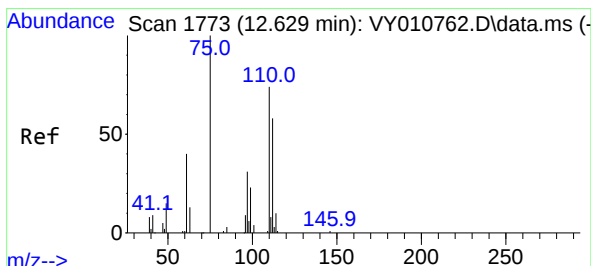
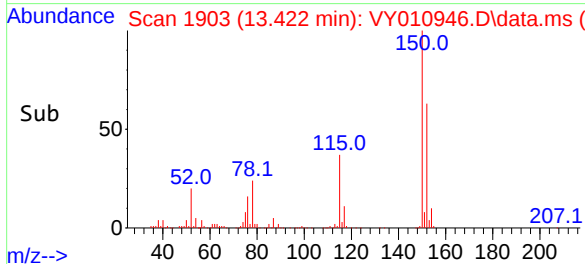
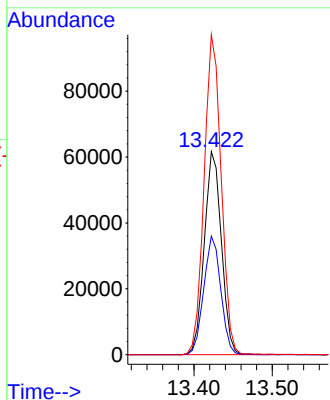
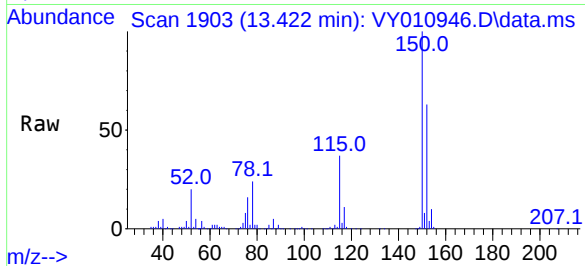




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010946.D
 Acq: 12 Oct 2022 16:48

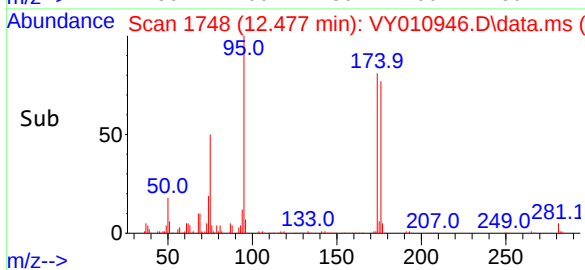
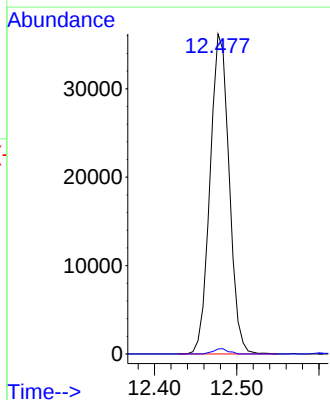
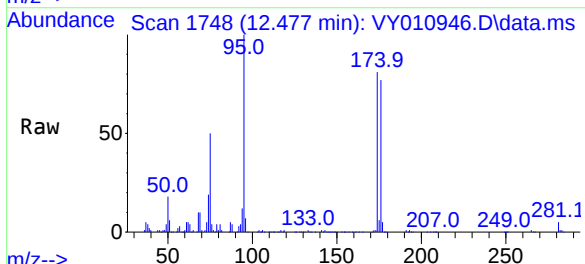
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-101122

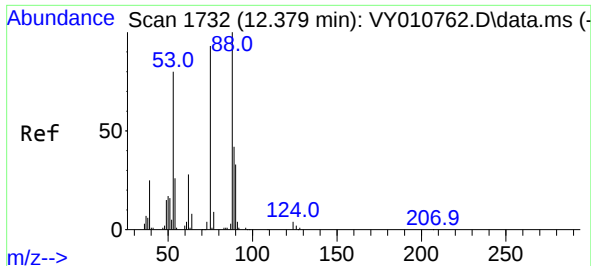
Tgt Ion:152 Resp: 93523
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 61.682 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010946.D
 Acq: 12 Oct 2022 16:48

Tgt Ion: 75 Resp: 58419
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.849 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010946.D
 Acq: 12 Oct 2022 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-101122

Tgt Ion: 75 Resp: 58419
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.2 37.0 55.4#

