

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010854.D
 Acq On : 06 Oct 2022 18:46
 Operator : KP/MD
 Sample : N5004-10RE
 Misc : 6.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22008-18RE

Quant Time: Oct 07 02:31:15 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)

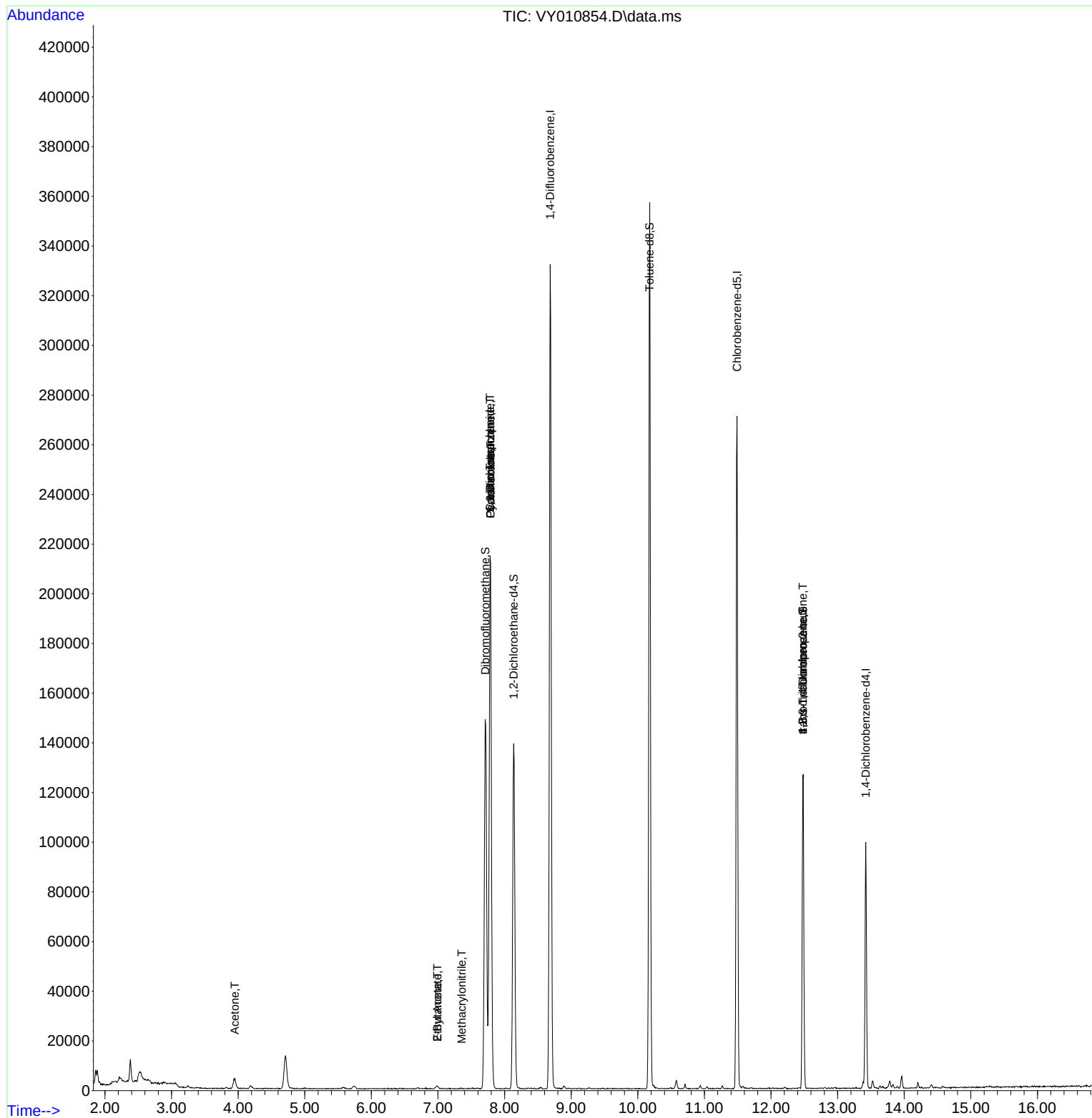
Internal Standards						
1) Pentafluorobenzene	7.789	168	168869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108225	63.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.460%	
35) Dibromofluoromethane	7.710	113	109282	58.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.200%	
50) Toluene-d8	10.179	98	231468	35.982	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 71.960%	
62) 4-Bromofluorobenzene	12.477	95	37257	12.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 24.060%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	20	Below Cal	#	77
13) Acrolein	3.729	56	34	Below Cal	#	14
16) Acetone	3.948	43	7235	16.643	ug/l	92
20) Methylene Chloride	4.704	84	9864	Below Cal		88
25) 2-Butanone	6.990	43	1797	2.875	ug/l	# 87
31) Cyclohexane	7.789	56	3664	1.196	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	12800	4.714	ug/l	# 51
37) Ethyl Acetate	6.990	43	1797	1.349	ug/l	# 72
38) Carbon Tetrachloride	7.783	117	16945	5.991	ug/l	# 15
41) Methacrylonitrile	7.356	41	69	2.665	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	19623	76.345	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	19623	159.478	ug/l	# 7

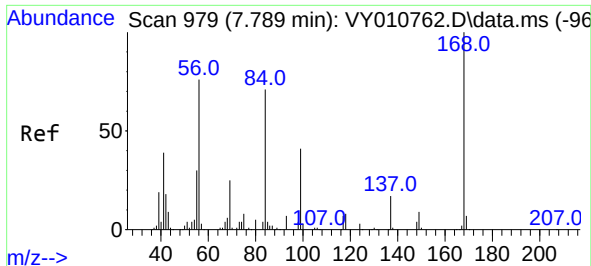
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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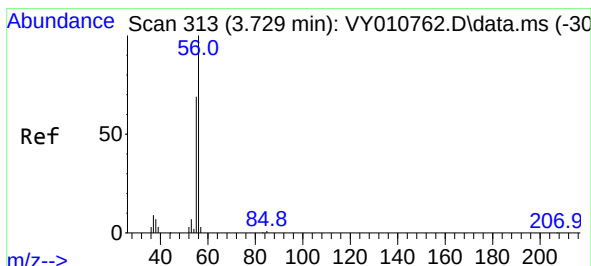
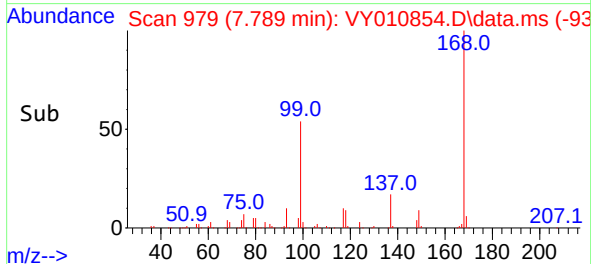
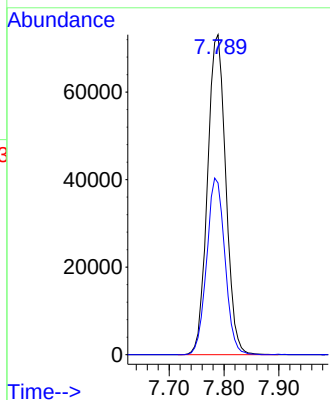
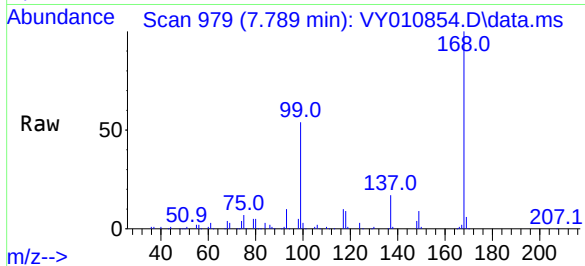




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

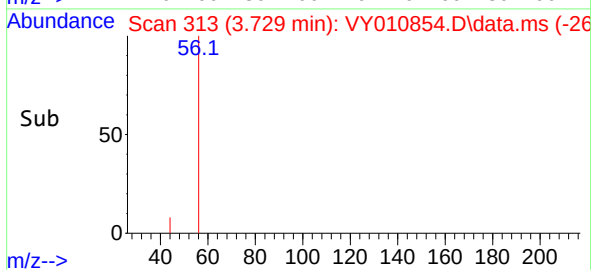
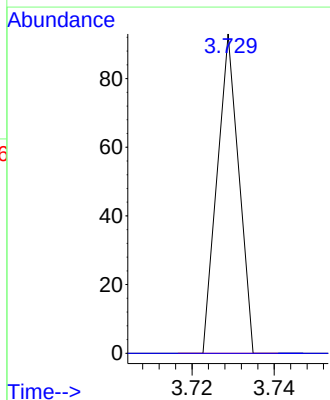
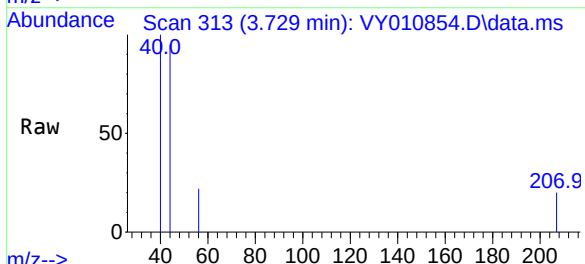
Instrument :
MSVOA_Y
ClientSampleId :
D22008-18RE

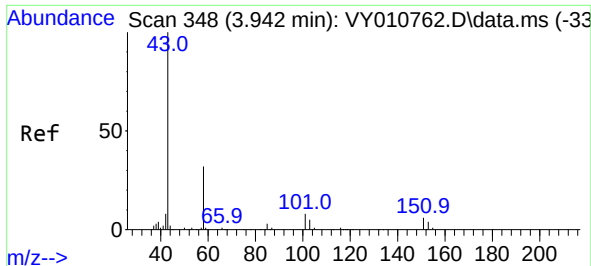
Tgt Ion:168 Resp: 168869
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 56 Resp: 34
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

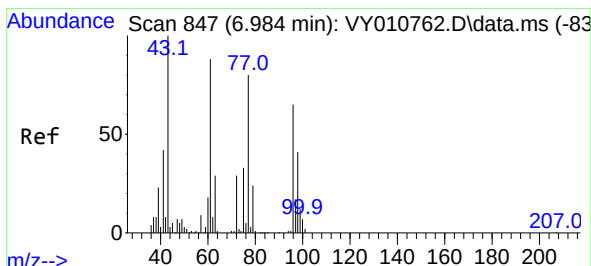
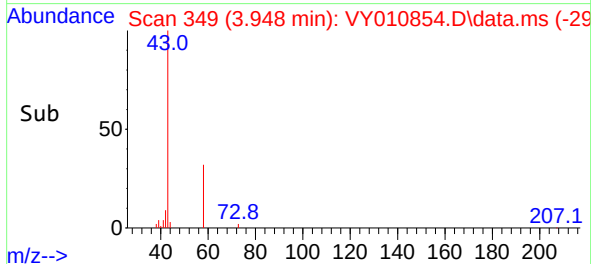
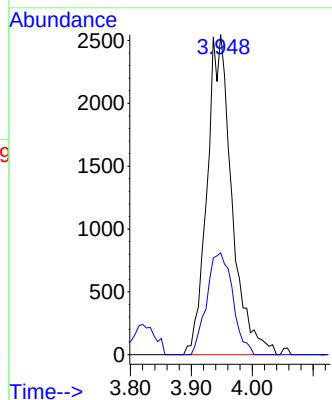
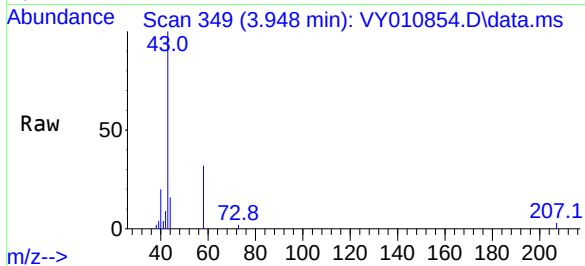




#16
Acetone
Concen: 16.643 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

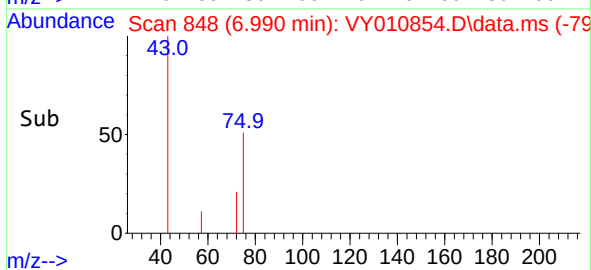
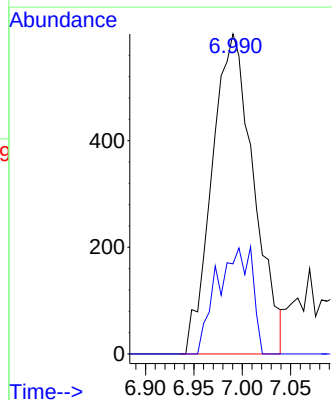
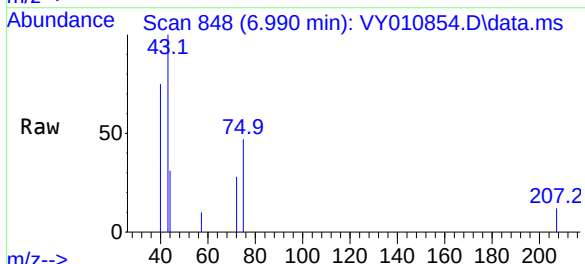
Instrument :
MSVOA_Y
ClientSampleId :
D22008-18RE

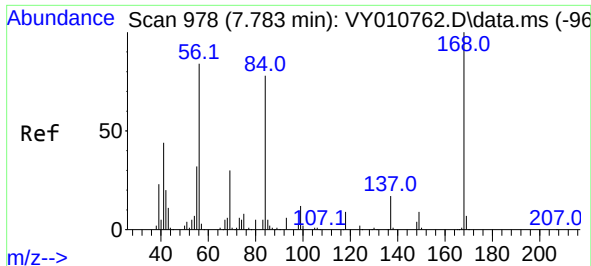
Tgt Ion: 43 Resp: 7235
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0



#25
2-Butanone
Concen: 2.875 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 43 Resp: 1797
Ion Ratio Lower Upper
43 100
72 28.2 17.7 26.5#

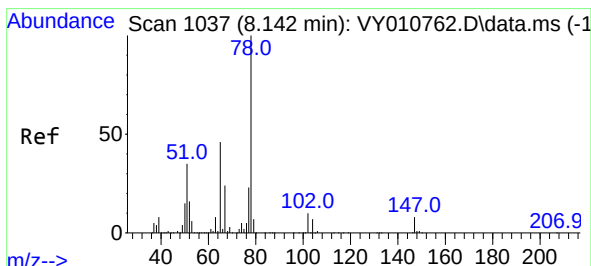
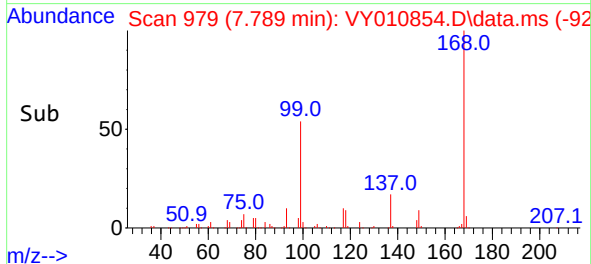
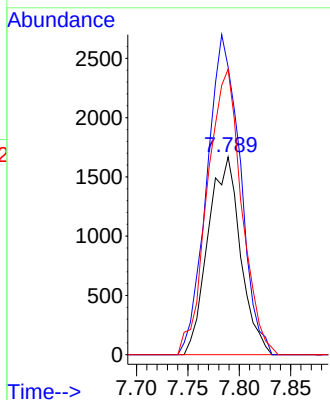
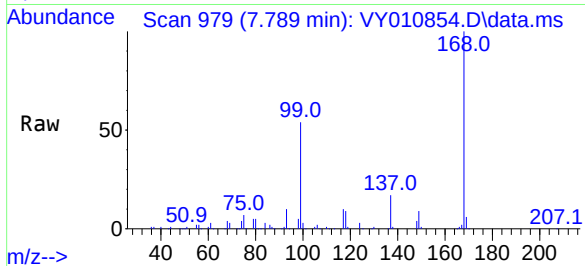




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

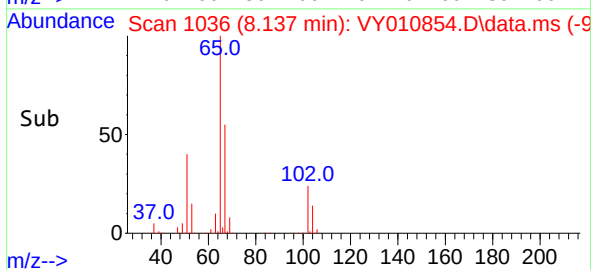
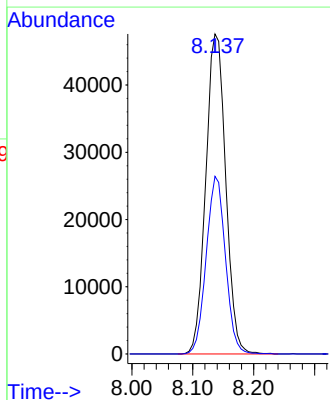
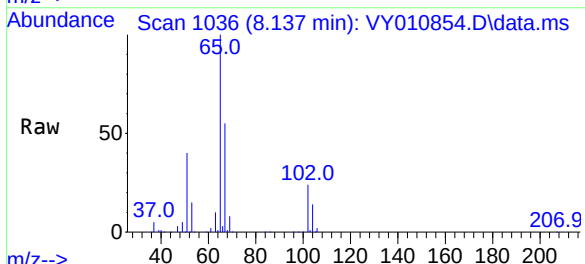
Instrument :
MSVOA_Y
ClientSampleId :
D22008-18RE

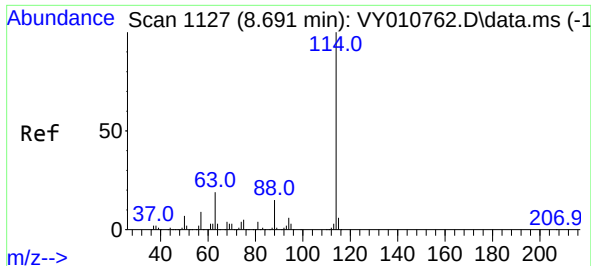
Tgt Ion: 56 Resp: 3664
Ion Ratio Lower Upper
56 100
69 145.5 26.7 40.1#
84 144.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.227 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 65 Resp: 108225
Ion Ratio Lower Upper
65 100
67 53.5 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: VY010854.D

Acq: 06 Oct 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

D22008-18RE

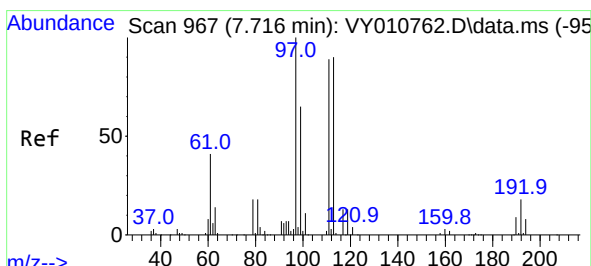
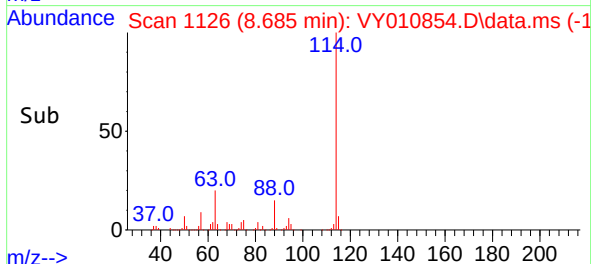
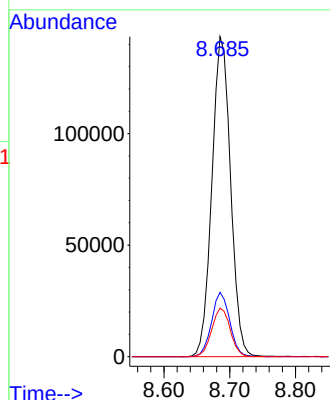
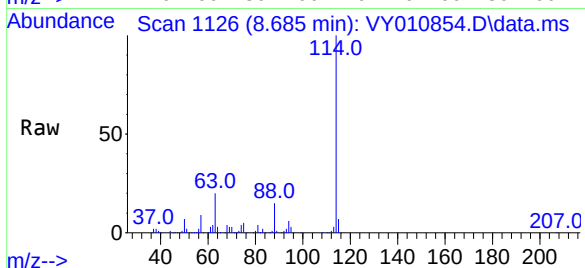
Tgt Ion:114 Resp: 283369

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.097 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY010854.D

Acq: 06 Oct 2022 18:46

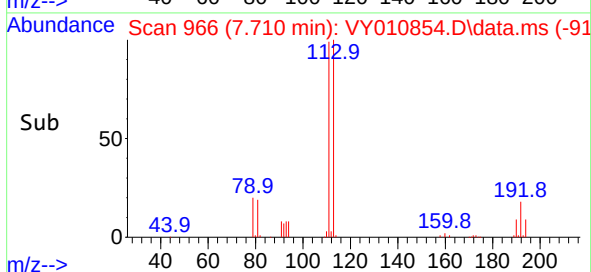
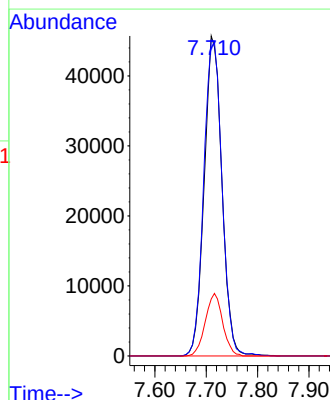
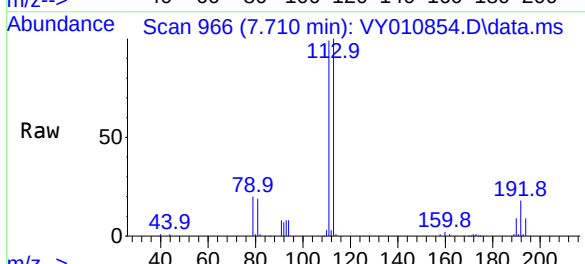
Tgt Ion:113 Resp: 109282

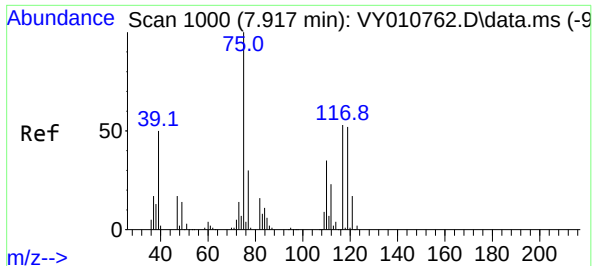
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 19.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.714 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010854.D

Acq: 06 Oct 2022 18:46

Instrument :

MSVOA_Y

ClientSampleId :

D22008-18RE

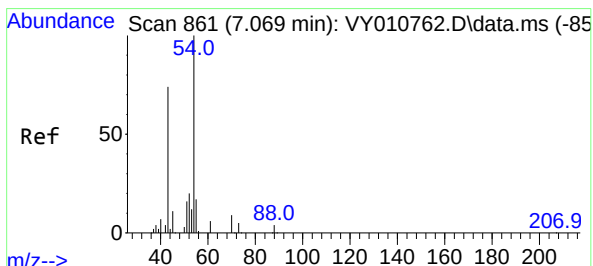
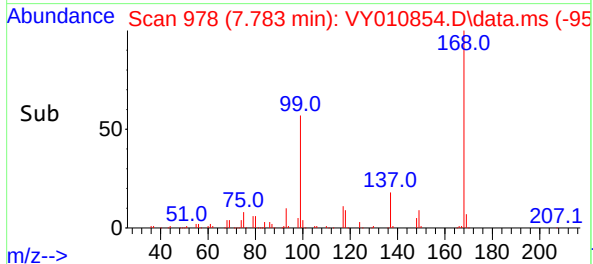
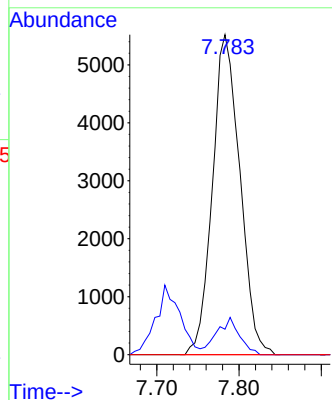
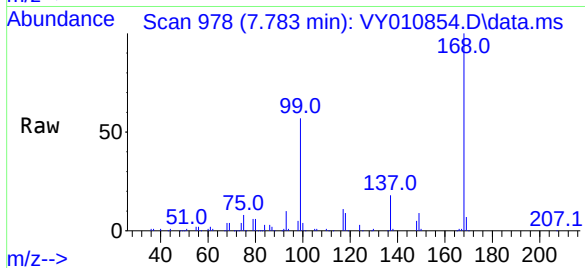
Tgt Ion: 75 Resp: 12800

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.349 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.079 min

Lab File: VY010854.D

Acq: 06 Oct 2022 18:46

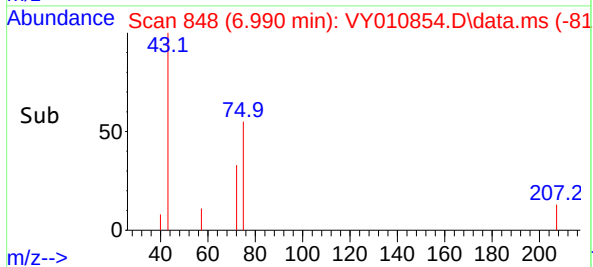
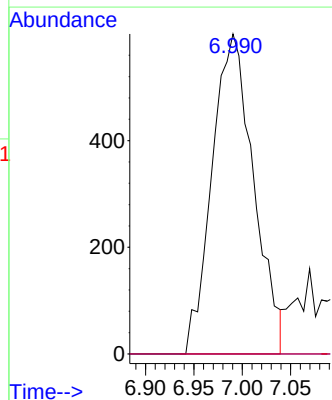
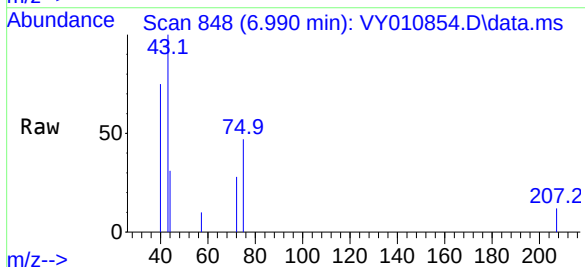
Tgt Ion: 43 Resp: 1797

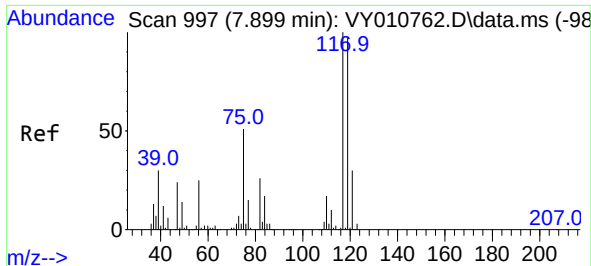
Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#

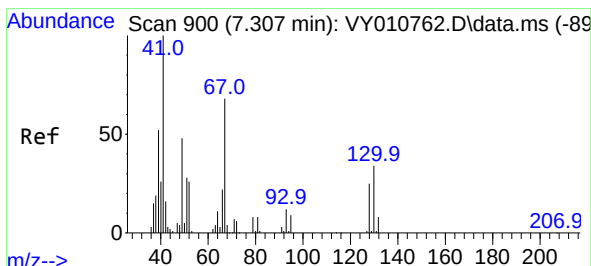
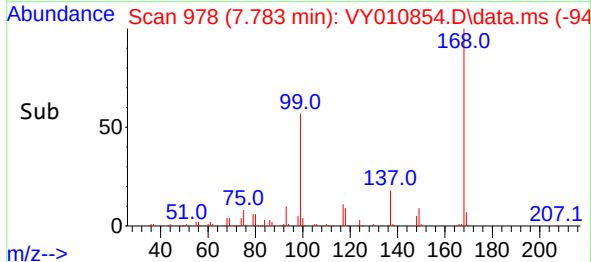
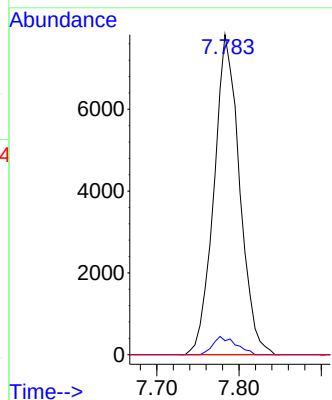
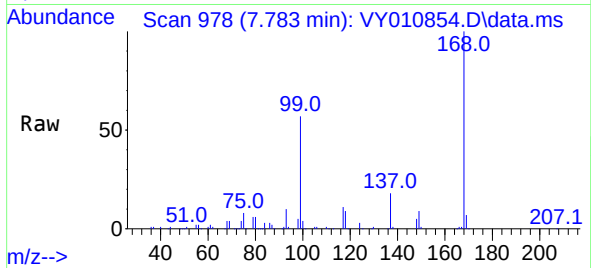




#38
Carbon Tetrachloride
Concen: 5.991 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

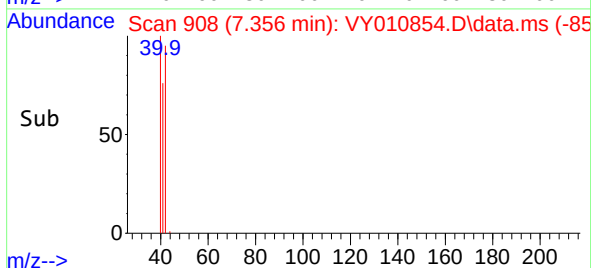
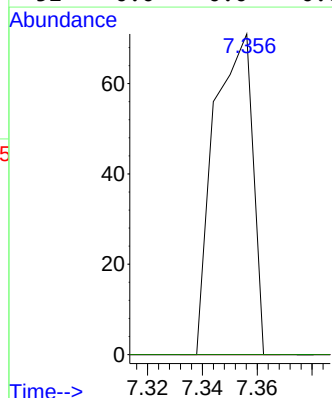
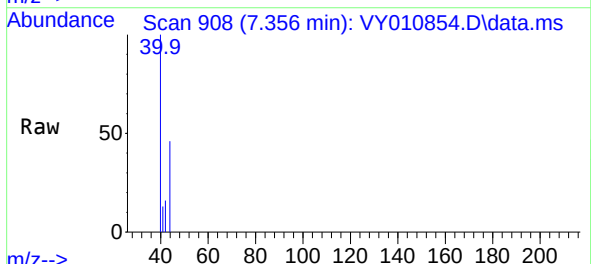
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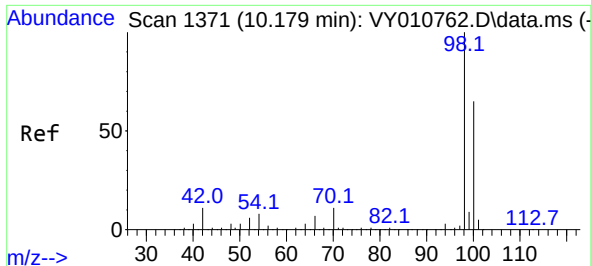
Tgt Ion:117 Resp: 16945
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.665 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.049 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 41 Resp: 69
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

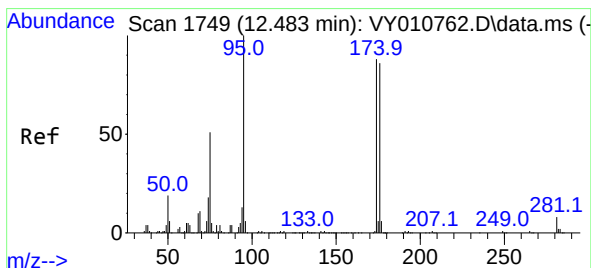
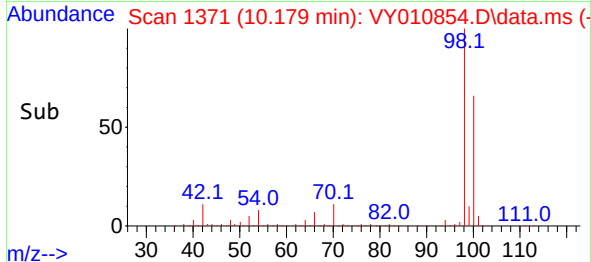
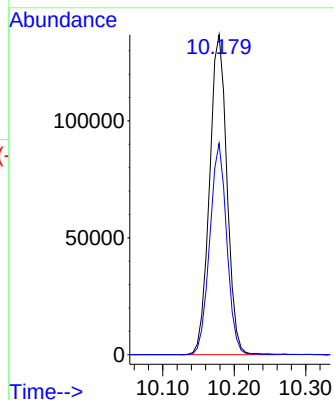
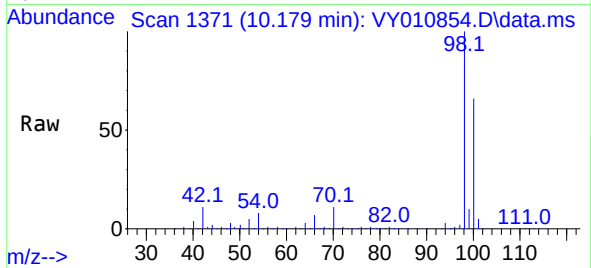




#50
Toluene-d8
Concen: 35.982 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

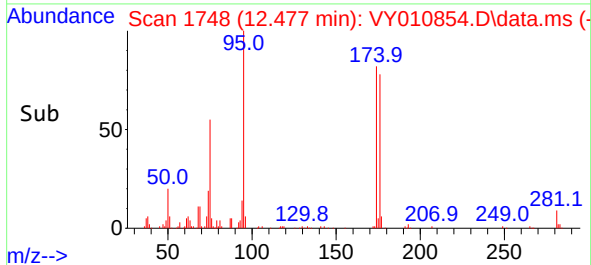
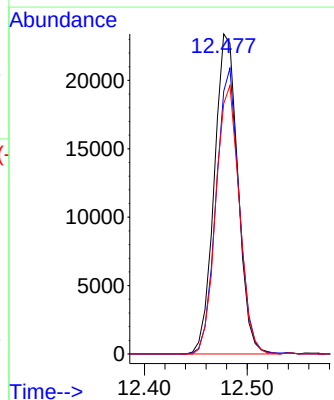
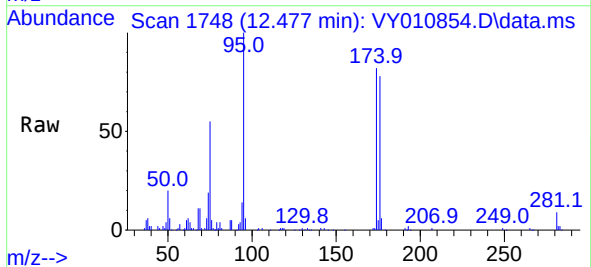
Instrument :
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D22008-18RE

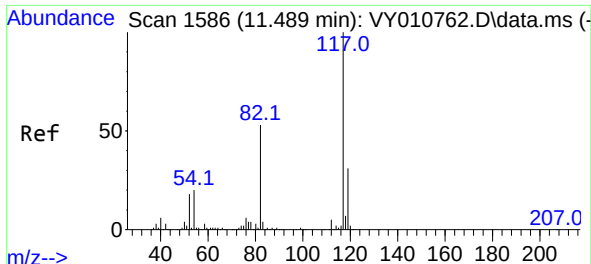
Tgt Ion: 98 Resp: 231468
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 12.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 95 Resp: 37257
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.6 0.0 175.8

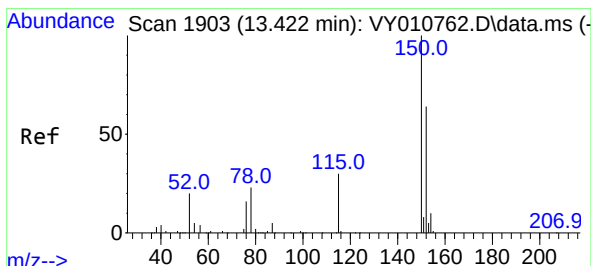
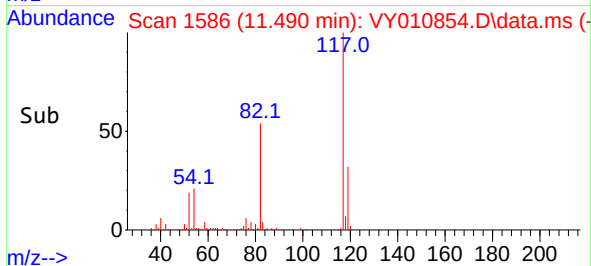
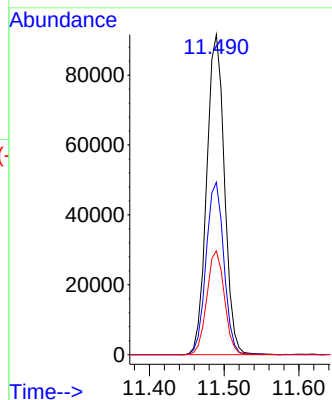
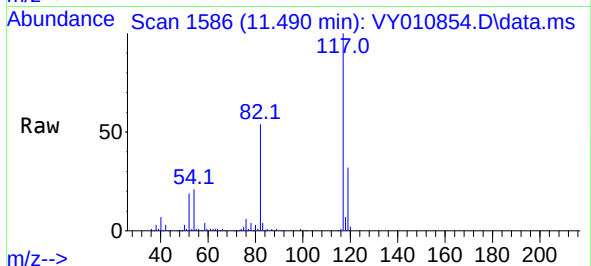




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

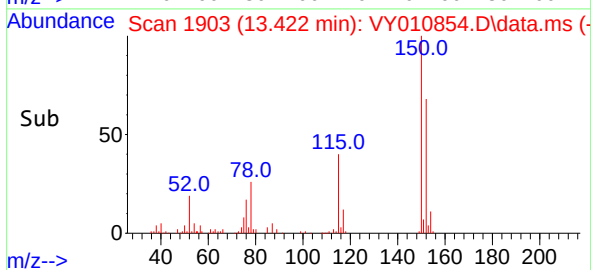
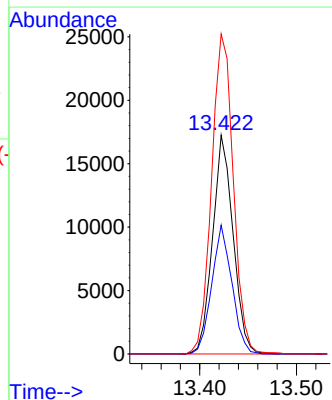
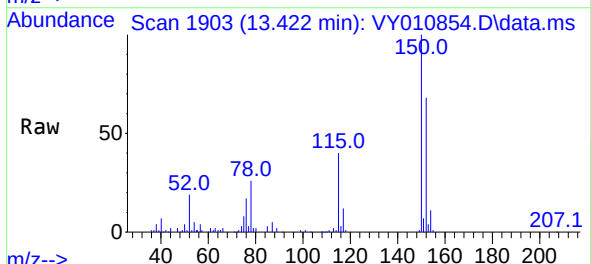
Instrument :
MSVOA_Y
ClientSampleId :
D22008-18RE

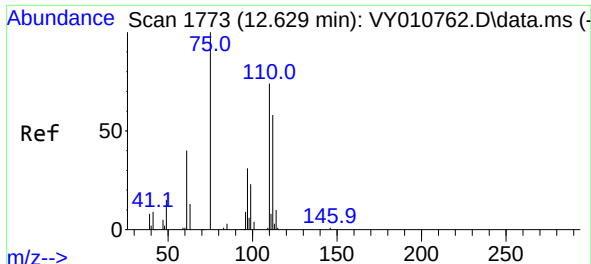
Tgt Ion:117 Resp: 151083
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion:152 Resp: 25381
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 154.7 0.0 347.6

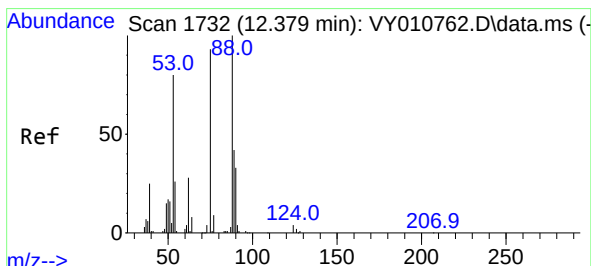
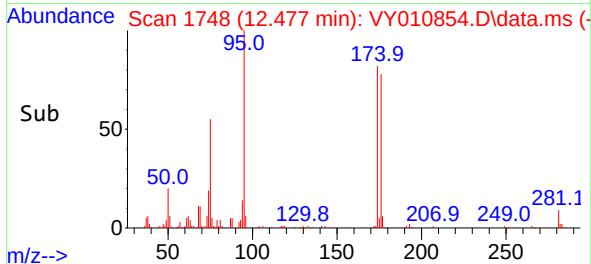
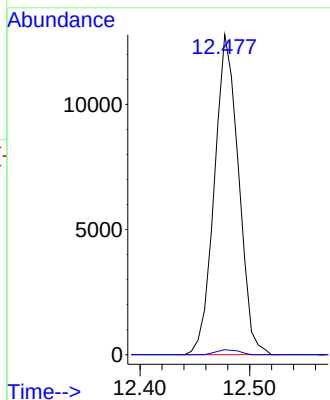
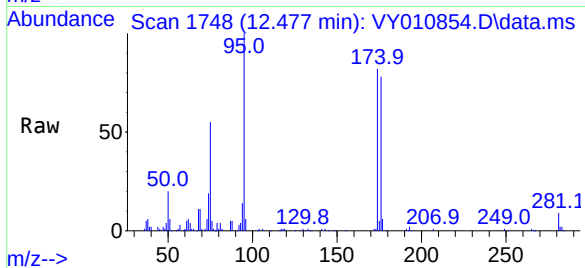




#76
1,2,3-Trichloropropane
Concen: 76.345 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Instrument :
MSVOA_Y
ClientSampleId :
D22008-18RE

Tgt Ion: 75 Resp: 19623
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 159.478 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010854.D
Acq: 06 Oct 2022 18:46

Tgt Ion: 75 Resp: 19623
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

