

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010853.D
 Acq On : 06 Oct 2022 18:23
 Operator : KP/MD
 Sample : N5004-09RE
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22008-8.5RE

Quant Time: Oct 07 02:31:07 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)

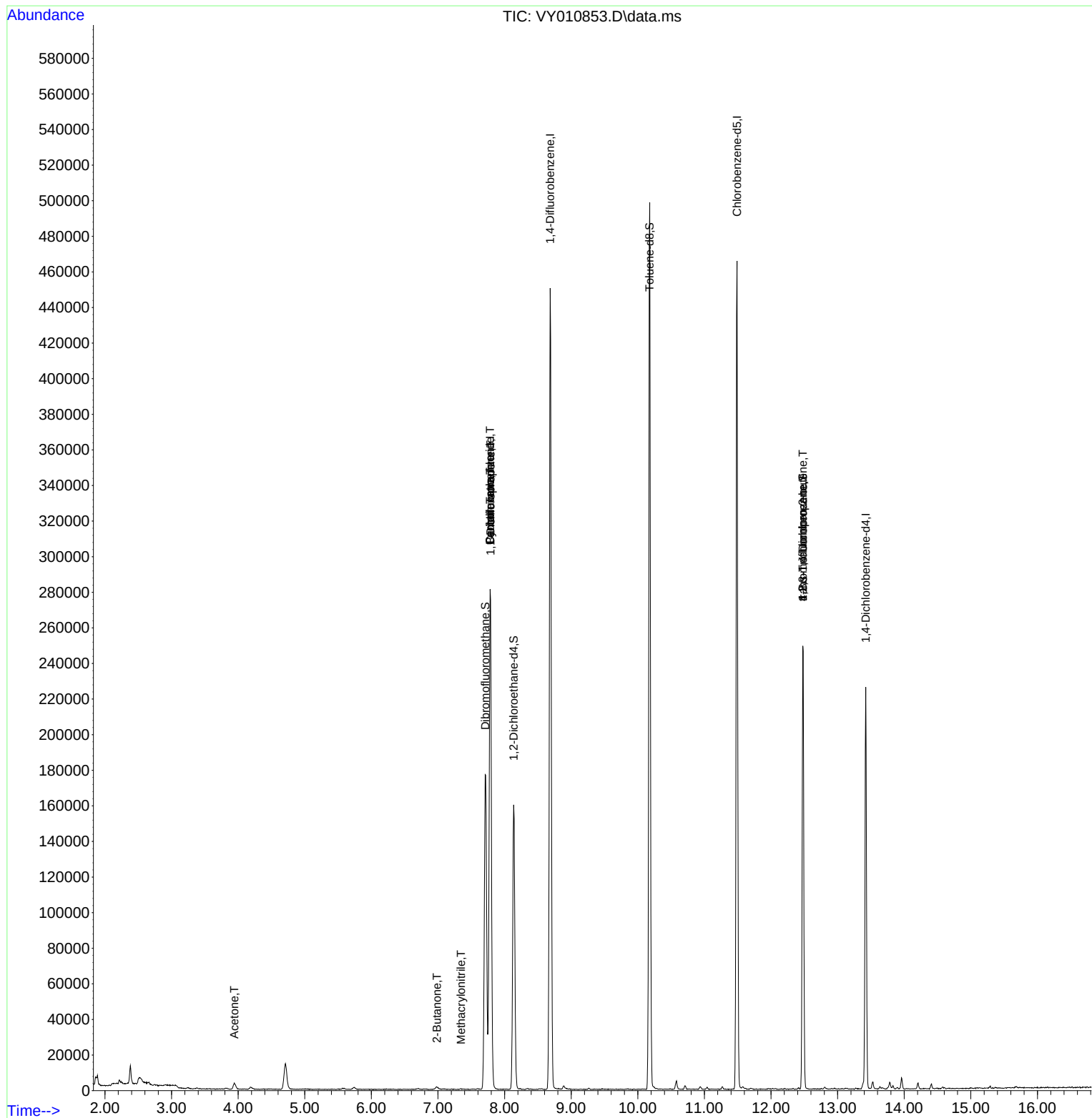
Internal Standards						
1) Pentafluorobenzene	7.783	168	220206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	382427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123648	55.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.800%	
35) Dibromofluoromethane	7.710	113	131012	51.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.179	98	324412	37.368	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 74.740%	
62) 4-Bromofluorobenzene	12.477	95	75300	19.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 39.980%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	155	Below Cal	#	77
13) Acrolein	3.723	56	41	Below Cal	#	14
16) Acetone	3.942	43	5946	10.489	ug/l	92
20) Methylene Chloride	4.710	84	10458	Below Cal		90
25) 2-Butanone	6.984	43	2062	2.530	ug/l	95
31) Cyclohexane	7.783	56	4345	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17102	4.667	ug/l #	51
38) Carbon Tetrachloride	7.783	117	22396	5.867	ug/l #	16
41) Methacrylonitrile	7.344	41	120	2.689	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	38413	65.289	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38413	136.383	ug/l #	7

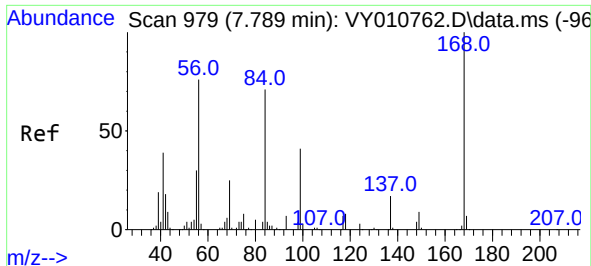
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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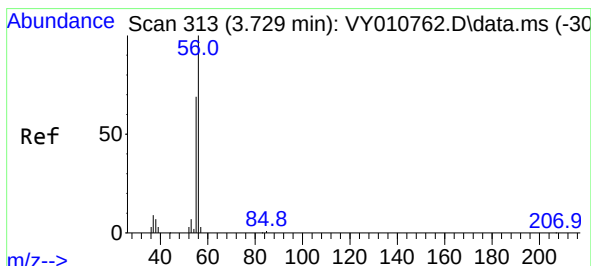
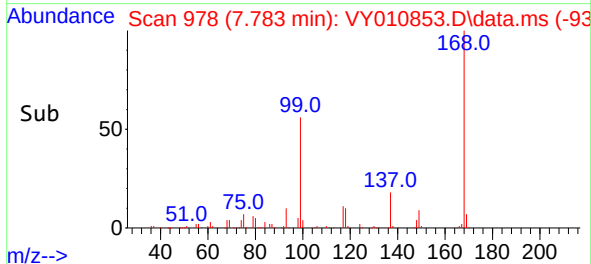
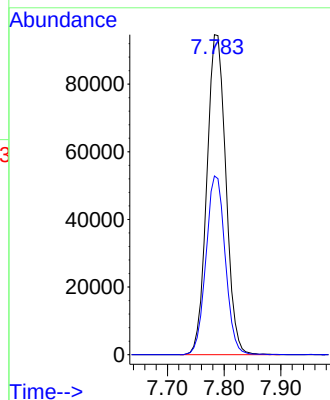
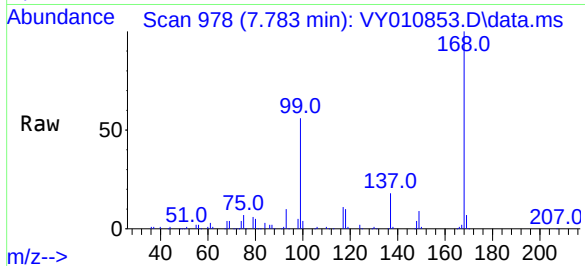




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

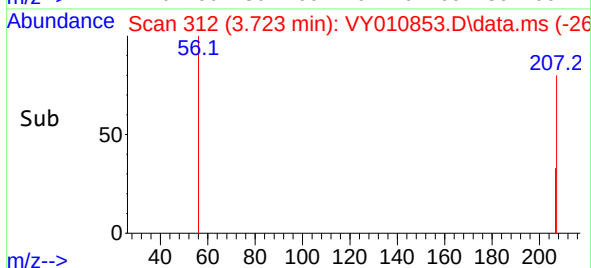
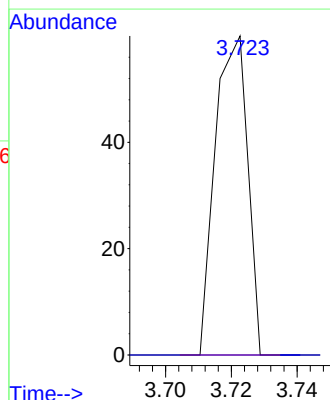
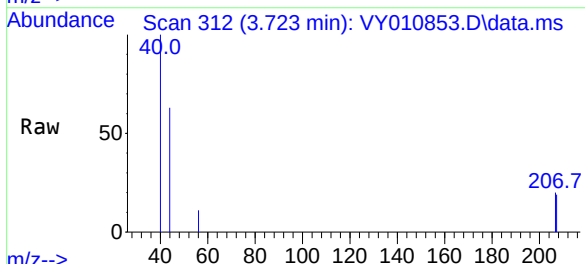
Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5RE

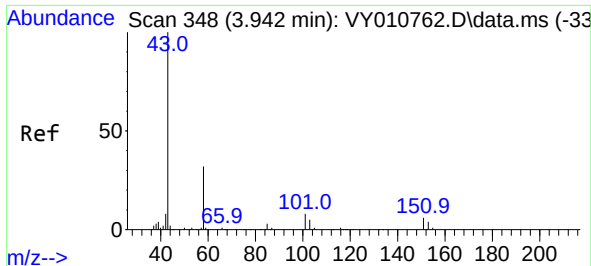
Tgt Ion:168 Resp: 220206
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

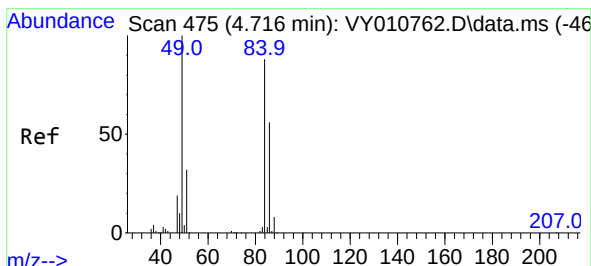
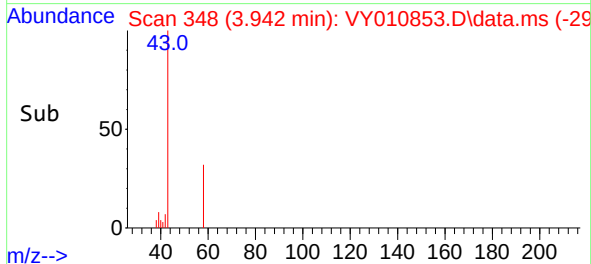
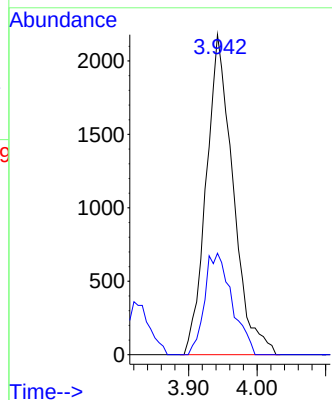
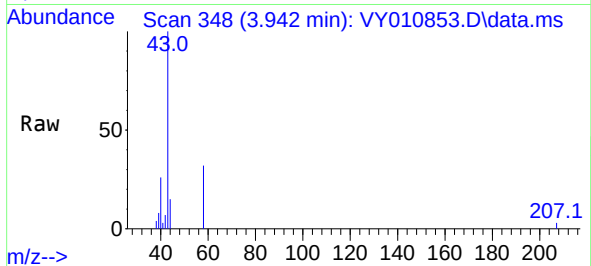




#16
Acetone
Concen: 10.489 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

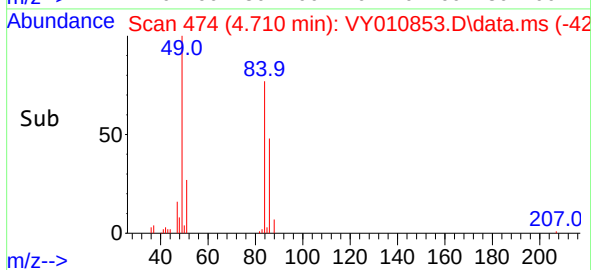
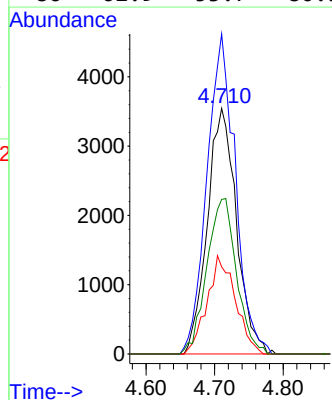
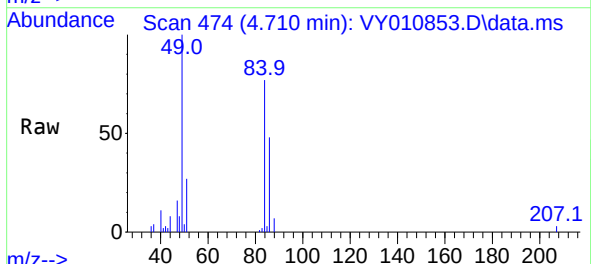
Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5RE

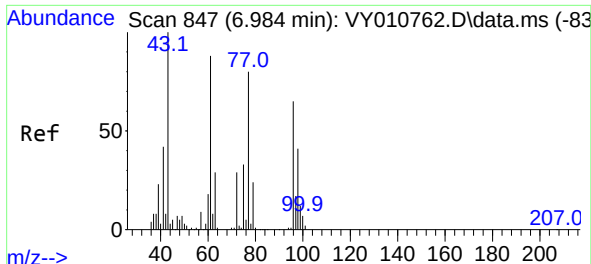
Tgt Ion: 43 Resp: 5946
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

Tgt Ion: 84 Resp: 10458
Ion Ratio Lower Upper
84 100
49 130.3 114.4 171.6
51 35.4 35.3 52.9
86 62.9 53.7 80.5

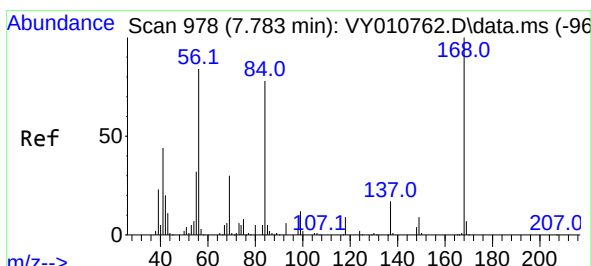
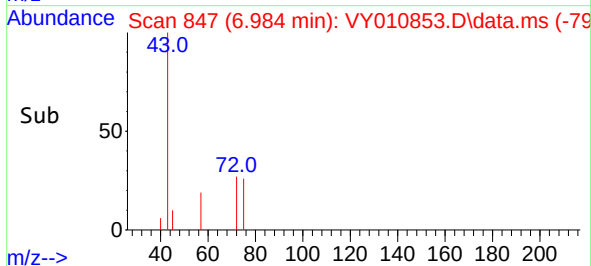
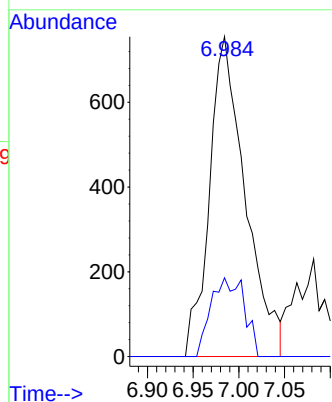
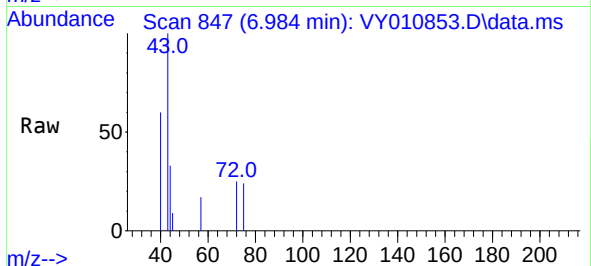




#25
2-Butanone
Concen: 2.530 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

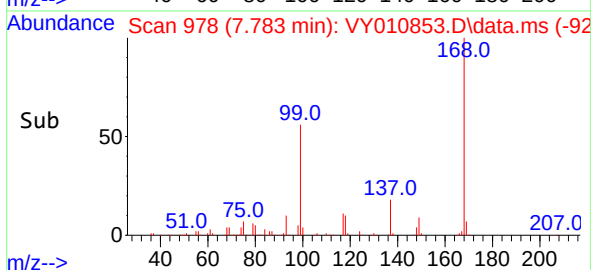
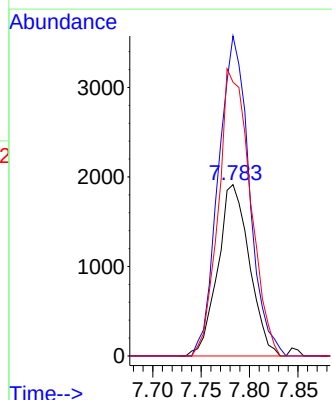
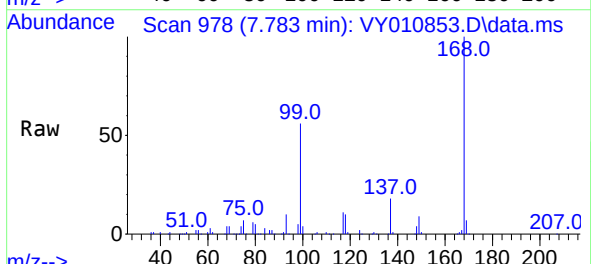
Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5RE

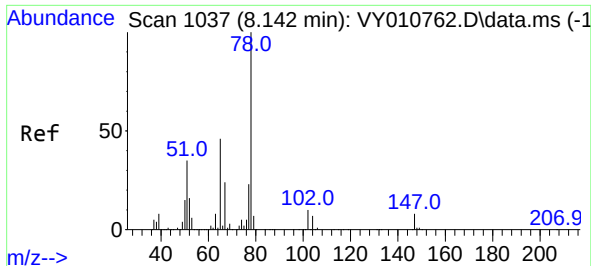
Tgt Ion: 43 Resp: 2062
Ion Ratio Lower Upper
43 100
72 24.6 17.7 26.5



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

Tgt Ion: 56 Resp: 4345
Ion Ratio Lower Upper
56 100
69 186.8 26.7 40.1#
84 159.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.396 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010853.D

Acq: 06 Oct 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

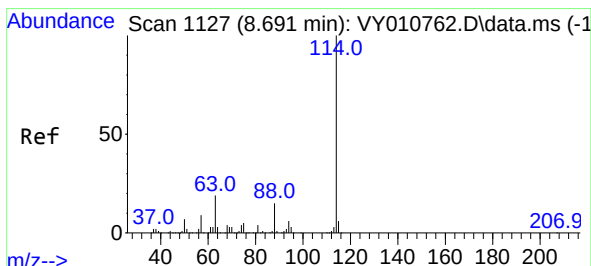
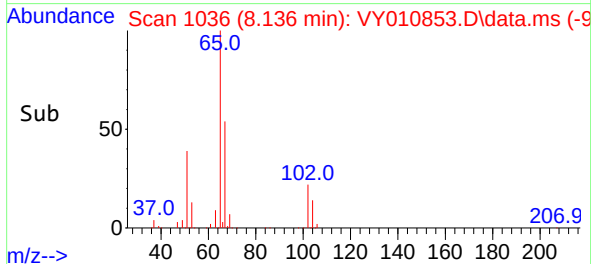
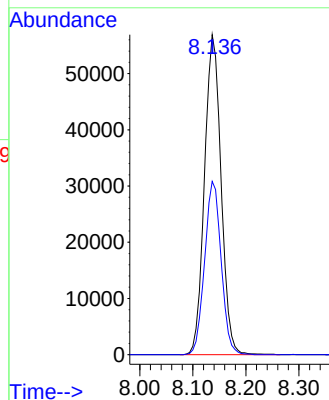
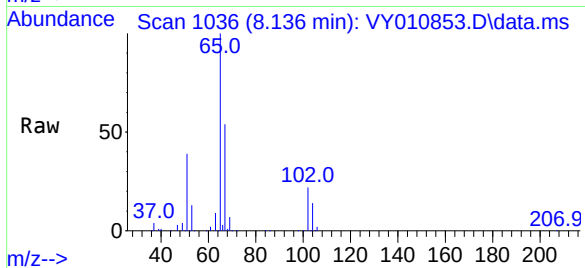
D22008-8.5RE

Tgt Ion: 65 Resp: 123648

Ion Ratio Lower Upper

65 100

67 53.9 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: VY010853.D

Acq: 06 Oct 2022 18:23

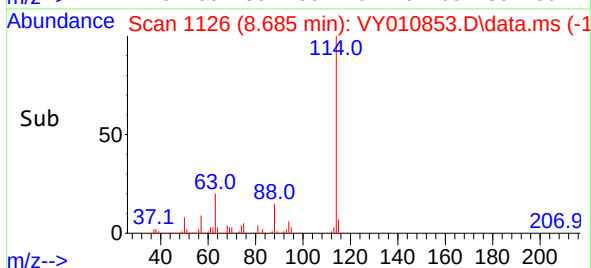
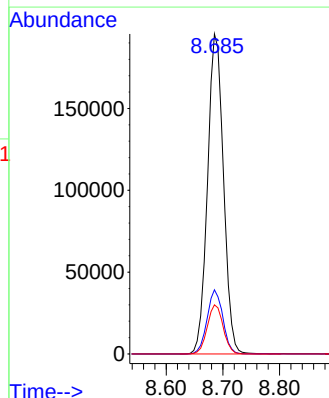
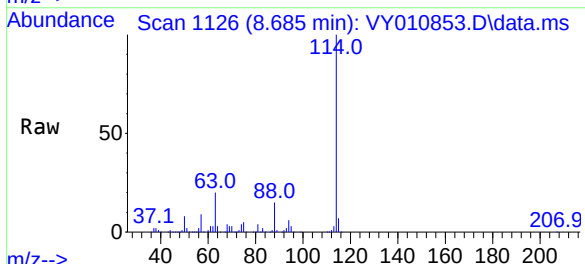
Tgt Ion:114 Resp: 382427

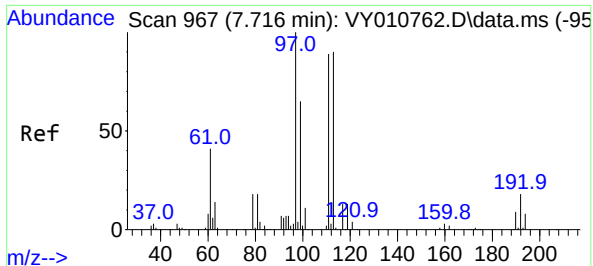
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.4 0.0 31.8

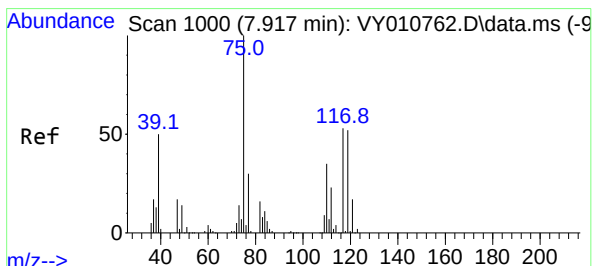
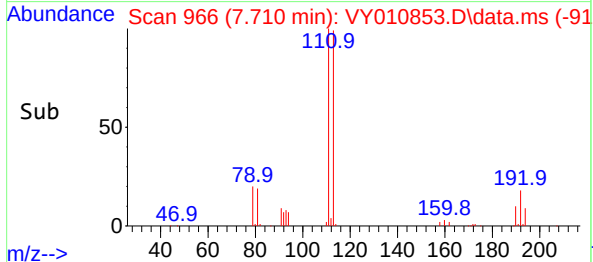
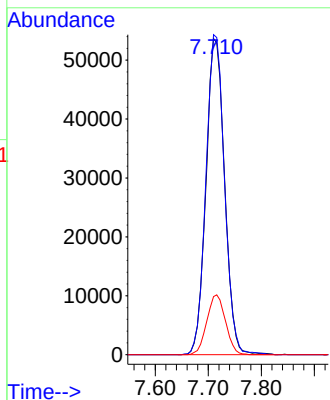
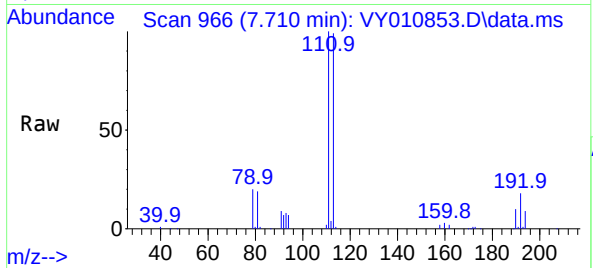




#35
Dibromofluoromethane
Concen: 51.608 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

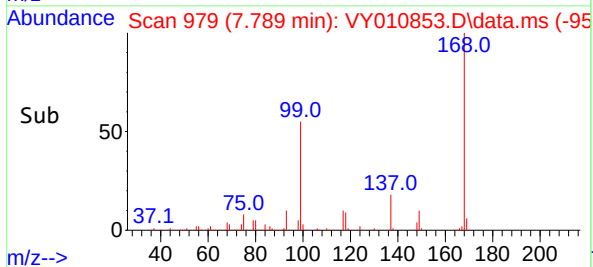
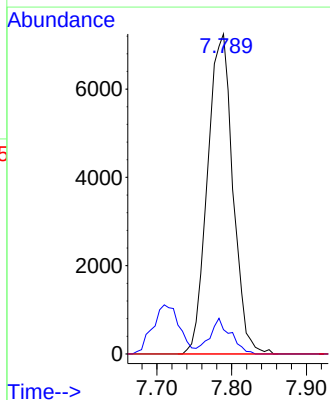
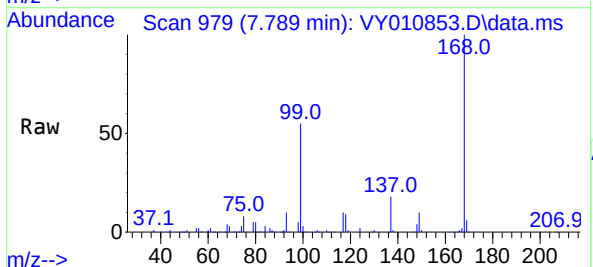
Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5RE

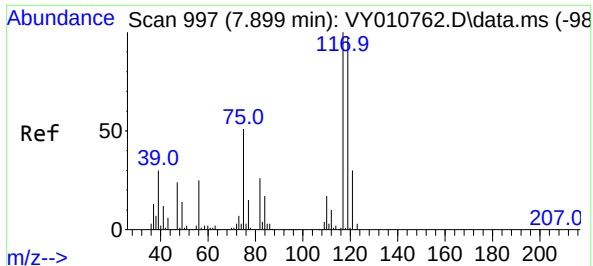
Tgt Ion:113 Resp: 131012
Ion Ratio Lower Upper
113 100
111 101.0 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.667 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

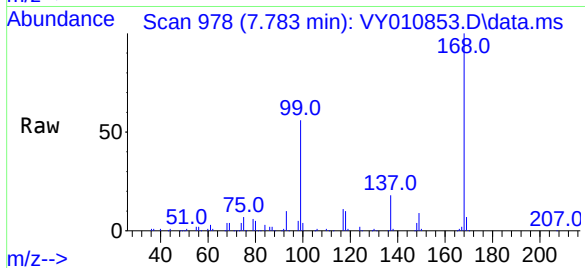
Tgt Ion: 75 Resp: 17102
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



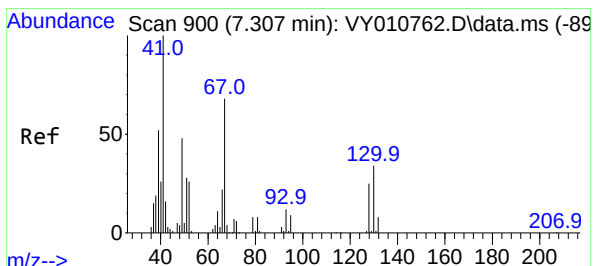
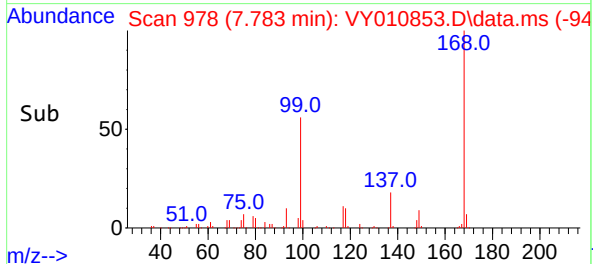
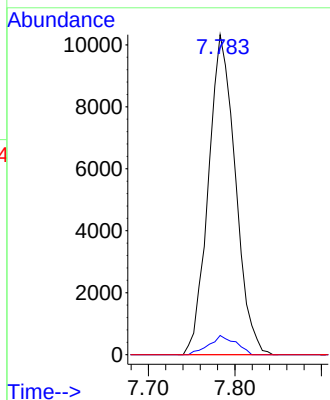


#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010853.D
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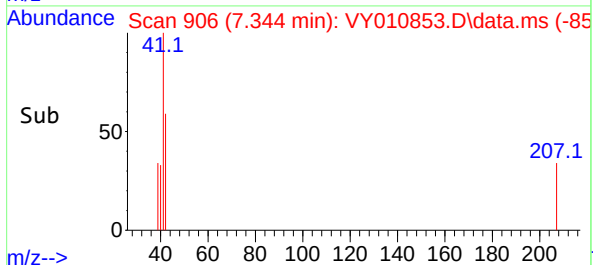
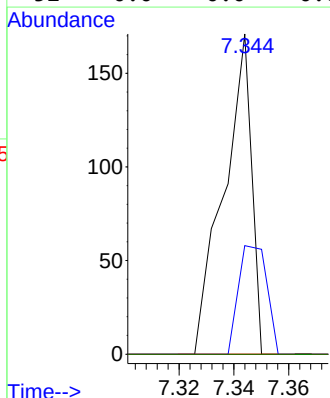
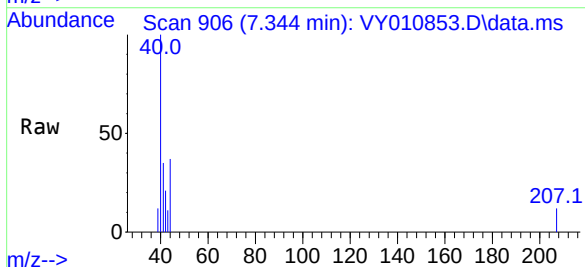


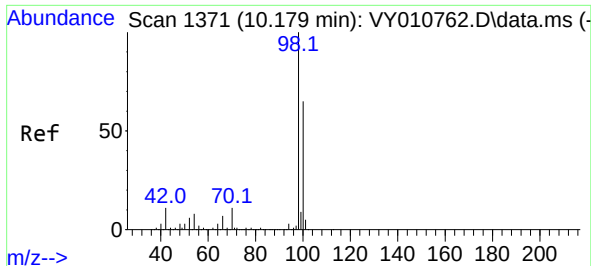
Tgt Ion:117 Resp: 22396
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.689 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

Tgt Ion: 41 Resp: 120
Ion Ratio Lower Upper
41 100
39 35.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

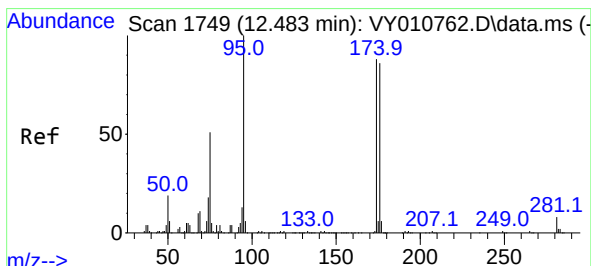
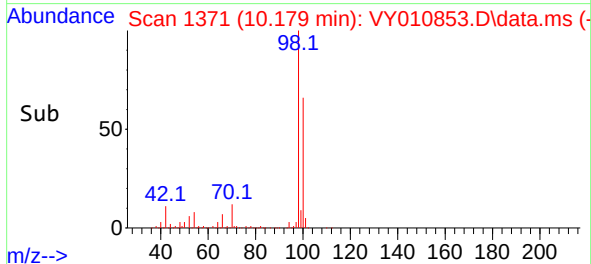
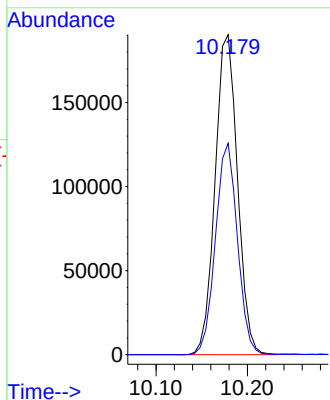
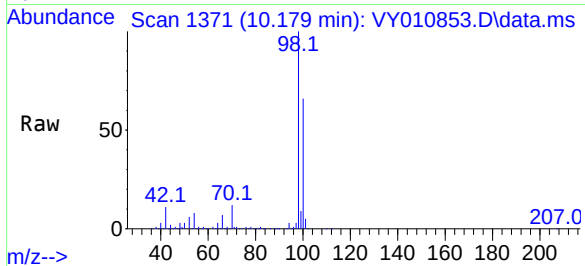




#50
Toluene-d8
Concen: 37.368 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

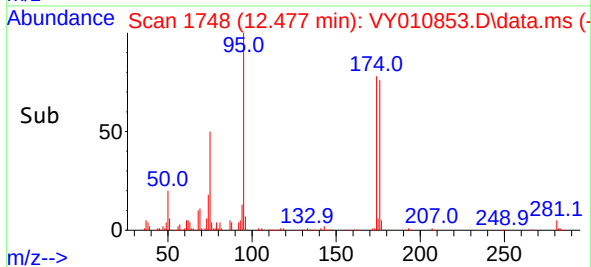
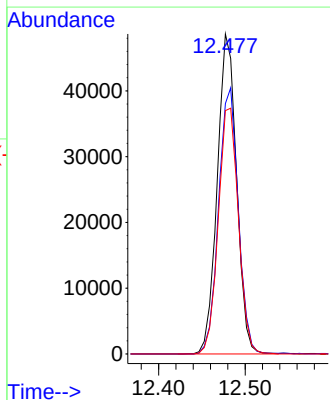
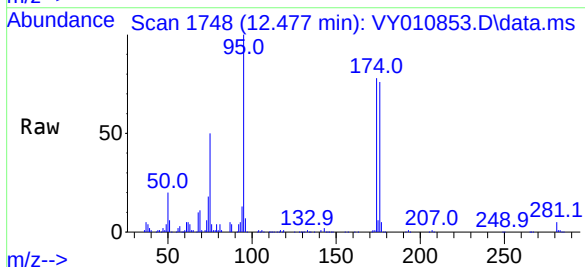
Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5RE

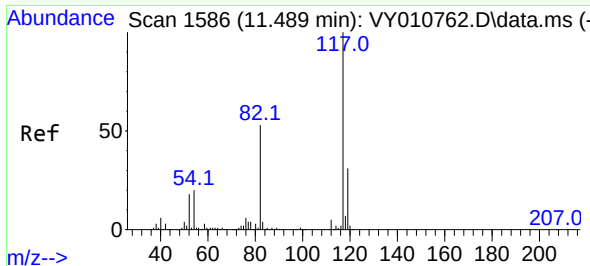
Tgt Ion: 98 Resp: 324412
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 19.993 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

Tgt Ion: 95 Resp: 75300
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 80.0 0.0 175.8

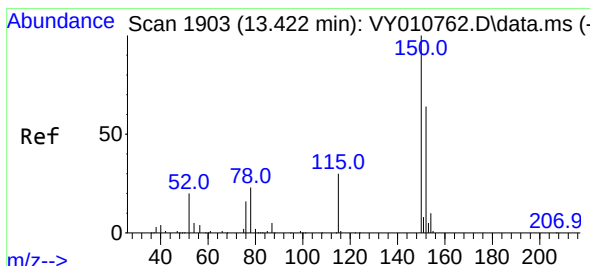
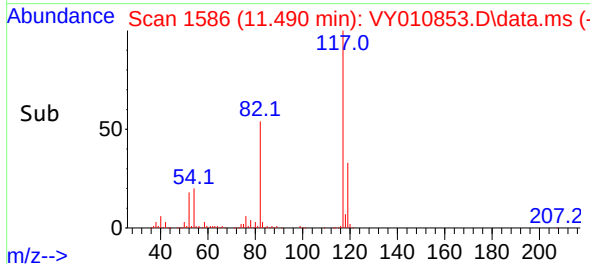
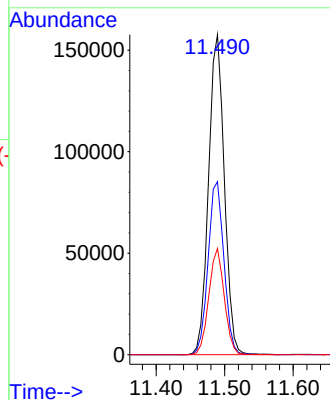
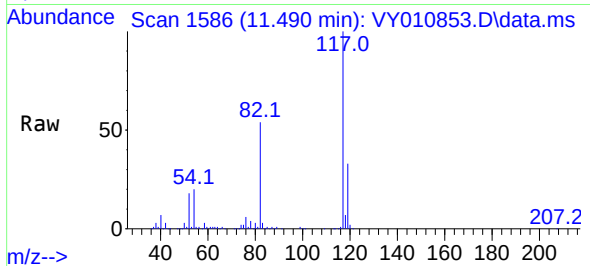




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

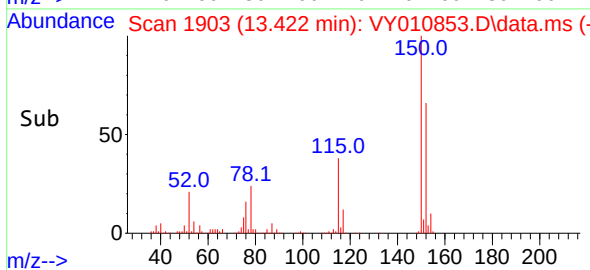
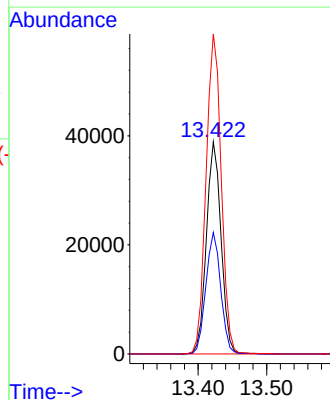
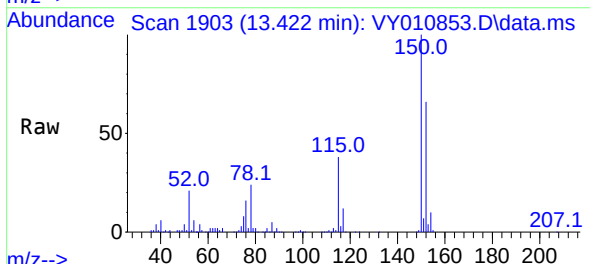
Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5RE

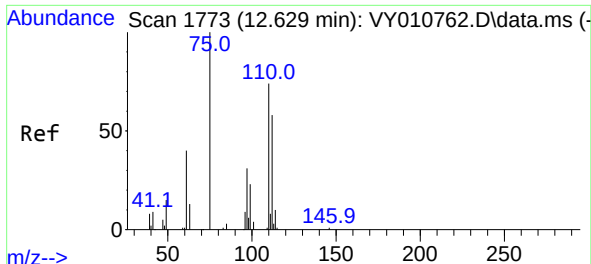
Tgt Ion:117 Resp: 252723
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 33.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

Tgt Ion:152 Resp: 58098
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 155.8 0.0 347.6

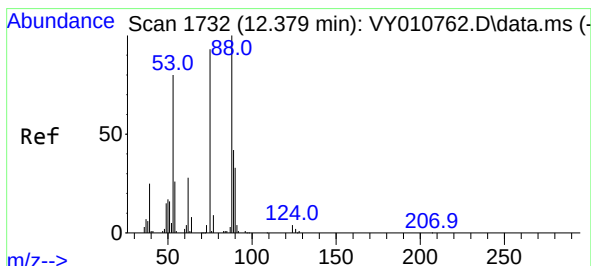
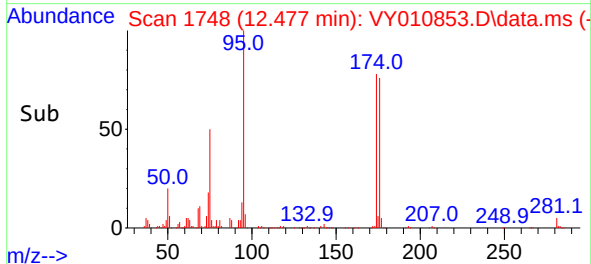
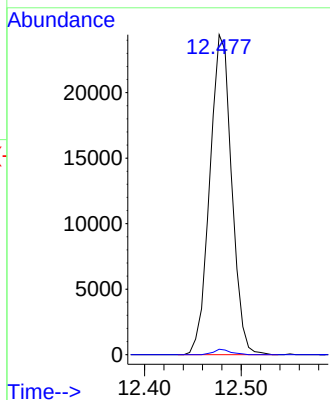
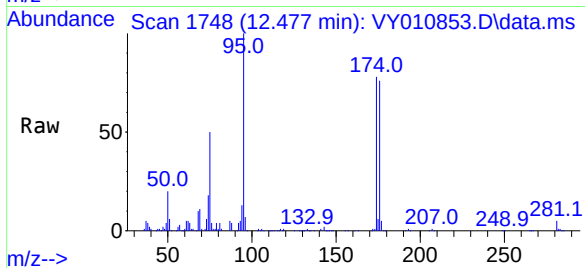




#76
1,2,3-Trichloropropane
Concen: 65.289 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :
D22008-8.5RE

Tgt Ion: 75 Resp: 38413
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.383 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010853.D
Acq: 06 Oct 2022 18:23

Tgt Ion: 75 Resp: 38413
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

