

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010434.D
 Acq On : 09 Sep 2022 21:39
 Operator : KP/MD
 Sample : N4530-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-7.5-8.0

Quant Time: Sep 12 03:01:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

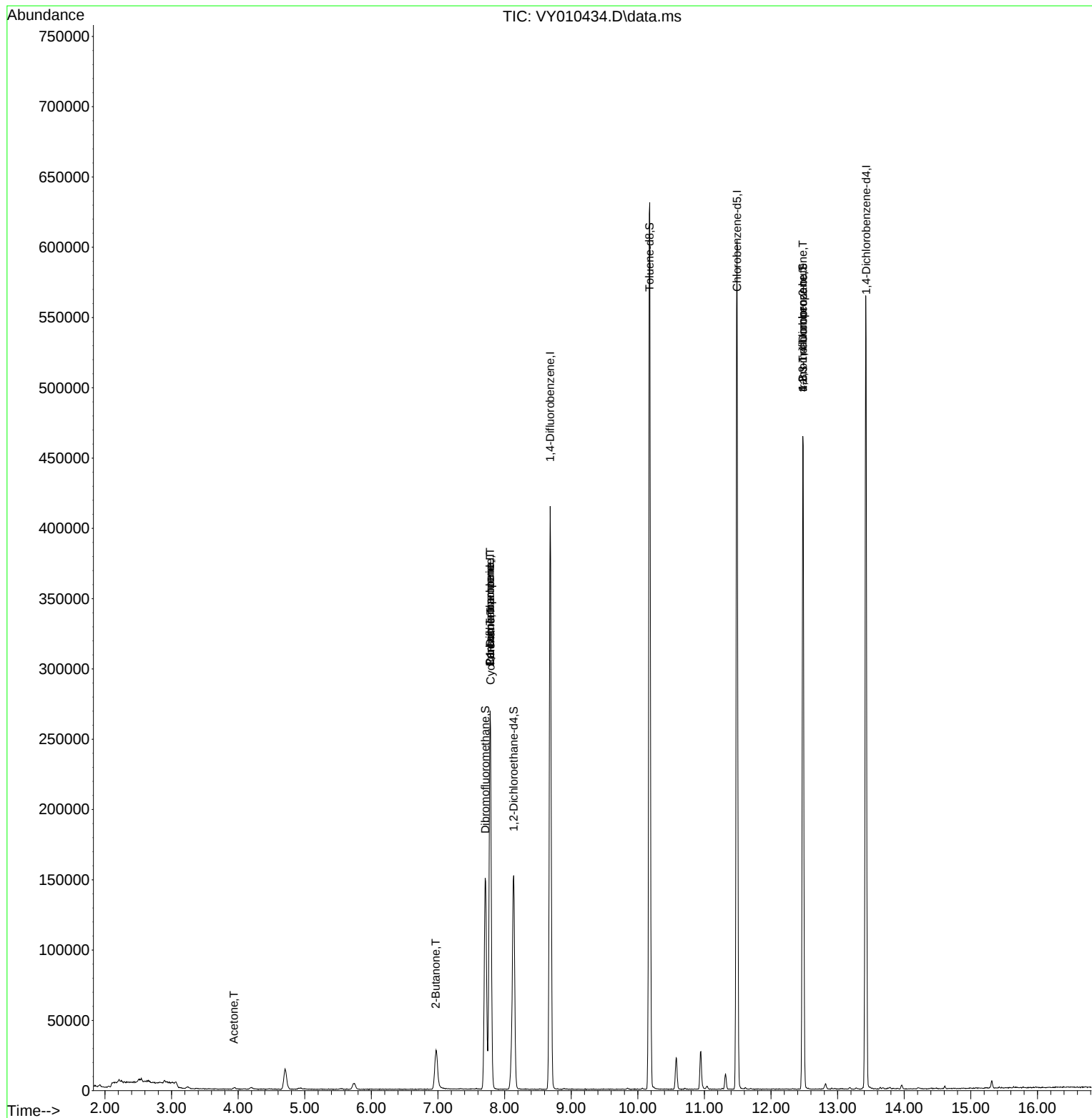
Internal Standards						
1) Pentafluorobenzene	7.783	168	215986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	360835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	334577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	110809	50.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.710	113	109257	42.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.260%	
50) Toluene-d8	10.179	98	424435	51.103	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.477	95	139343	41.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	482	Below Cal	#	71
11) Tert butyl alcohol	4.924	59	1359	Below Cal	#	77
16) Acetone	3.936	43	1905	3.816	ug/l	95
20) Methylene Chloride	4.698	84	10546	Below Cal	#	82
25) 2-Butanone	6.966	43	1816	2.289	ug/l	# 83
31) Cyclohexane	7.789	56	4216	1.147	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	15554	4.433	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	20556	5.267	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	71826	43.339	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	71826	96.229	ug/l	# 7

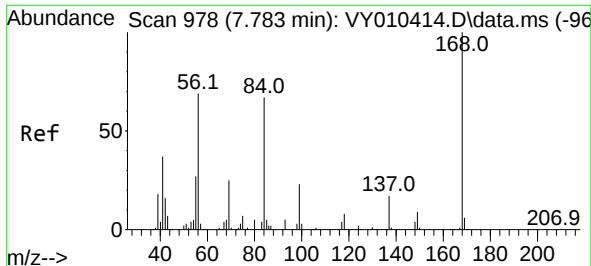
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
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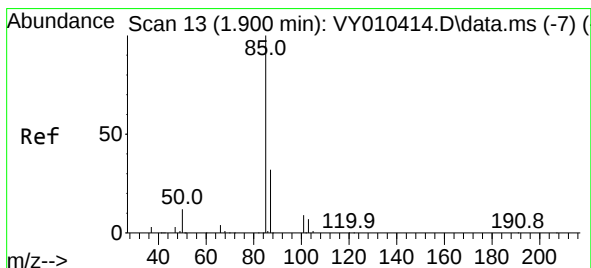
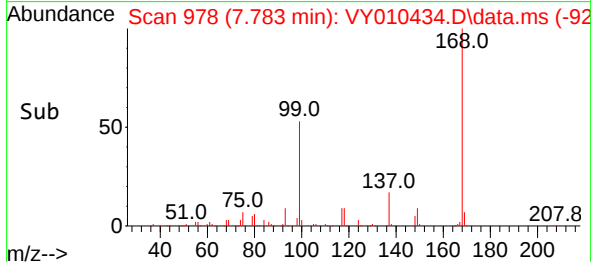
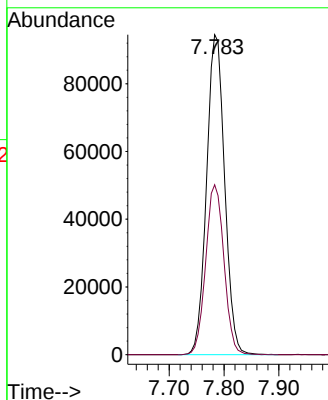
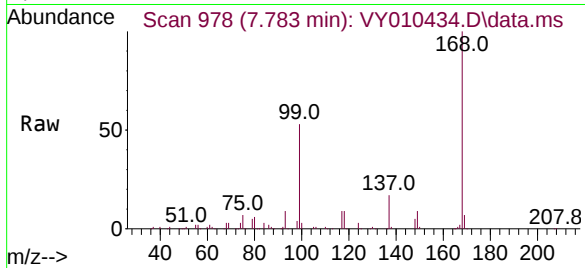




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

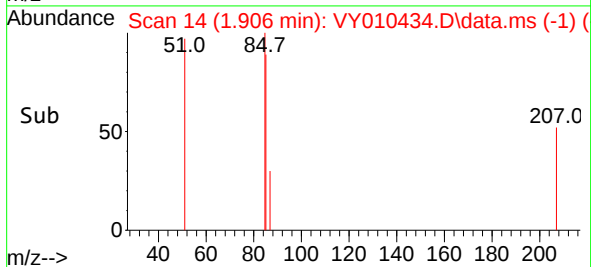
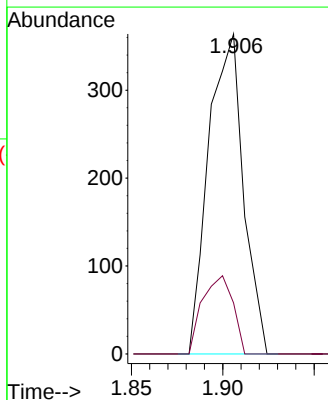
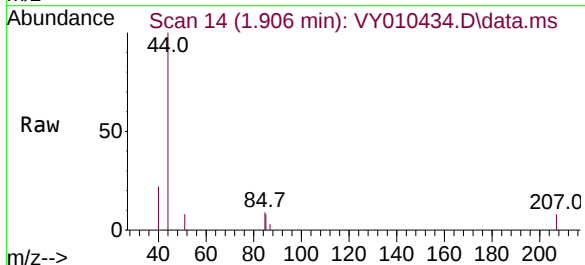
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-7.5-8.0

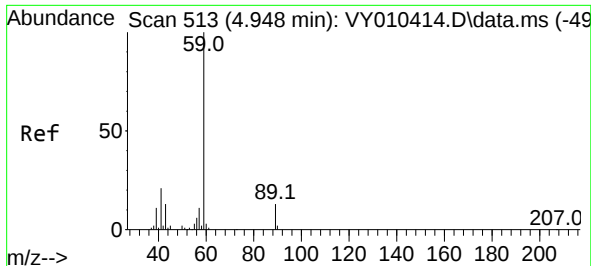
Tgt Ion:168 Resp: 215986
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

Tgt Ion: 85 Resp: 482
Ion Ratio Lower Upper
85 100
87 15.9 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY010434.D

Acq: 09 Sep 2022 21:39

Instrument :

MSVOA_Y

ClientSampleId :

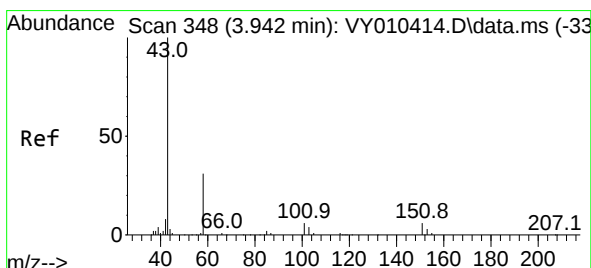
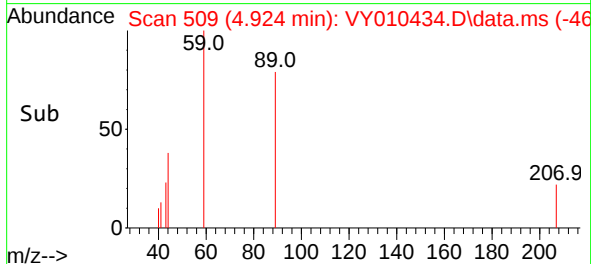
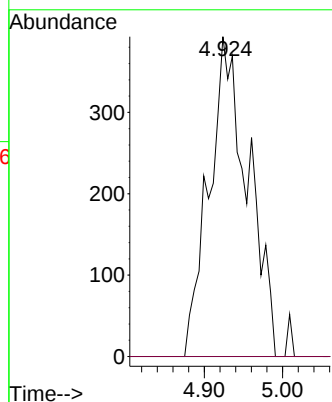
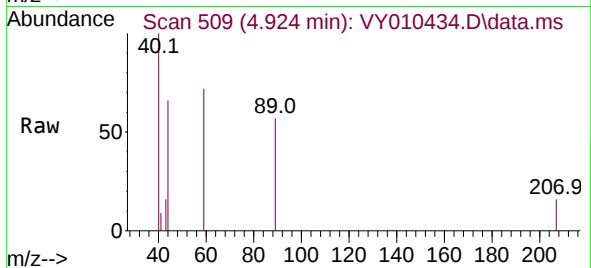
SB-23-7.5-8.0

Tgt Ion: 59 Resp: 1359

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.816 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010434.D

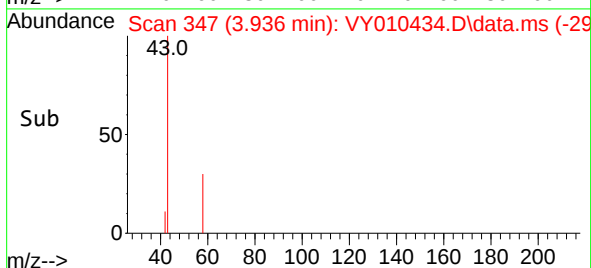
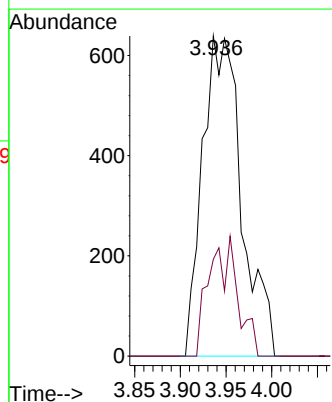
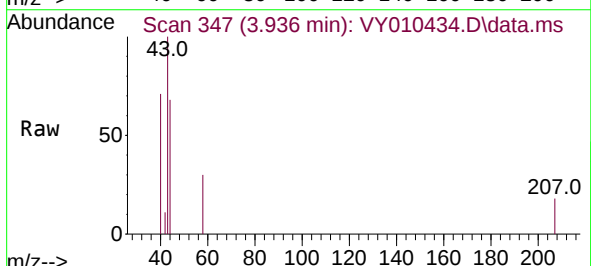
Acq: 09 Sep 2022 21:39

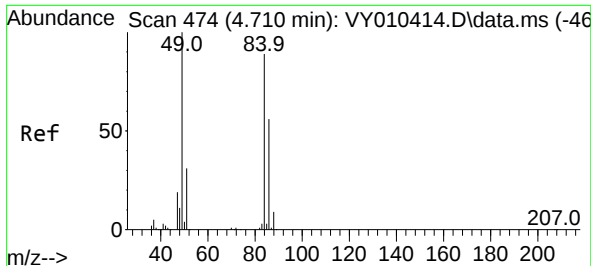
Tgt Ion: 43 Resp: 1905

Ion Ratio Lower Upper

43 100

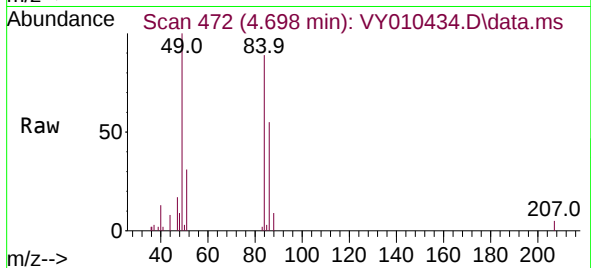
58 30.2 22.0 33.0



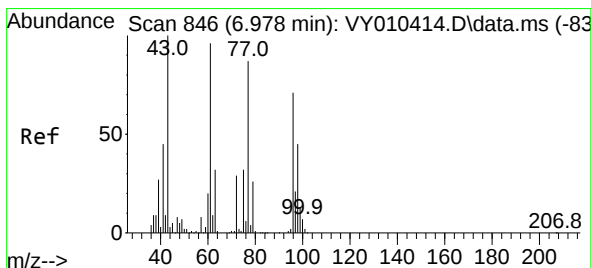
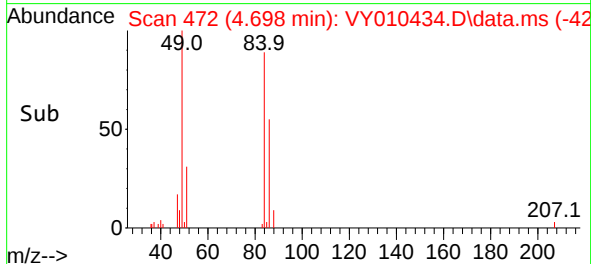
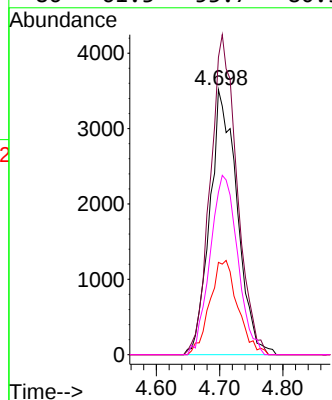


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-23-7.5-8.0

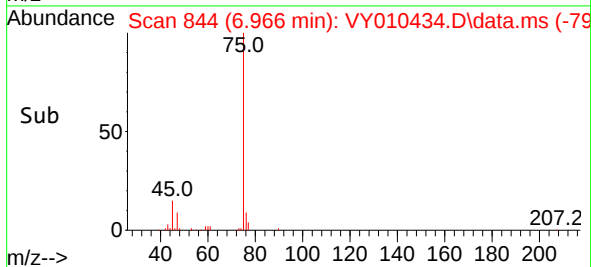
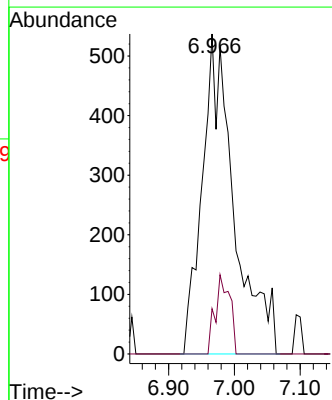
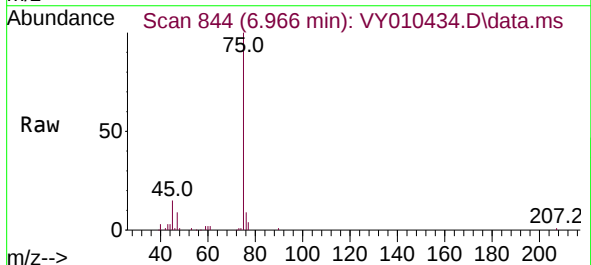


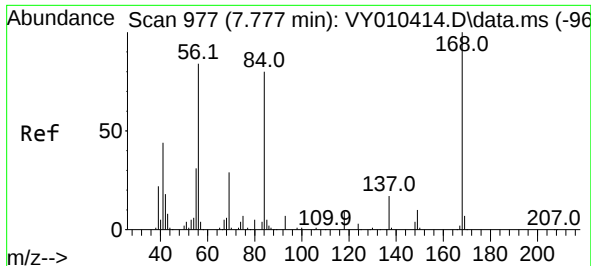
Tgt Ion: 84 Resp: 10546
Ion Ratio Lower Upper
84 100
49 112.2 114.4 171.6#
51 34.9 35.3 52.9#
86 61.3 53.7 80.5



#25
2-Butanone
Concen: 2.289 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

Tgt Ion: 43 Resp: 1816
Ion Ratio Lower Upper
43 100
72 14.2 17.7 26.5#

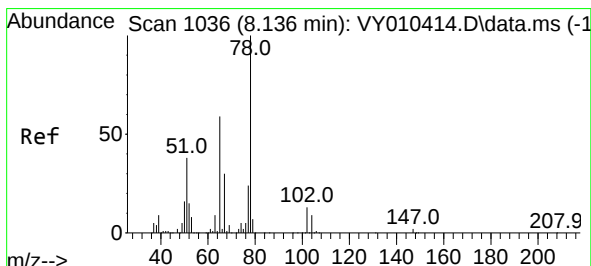
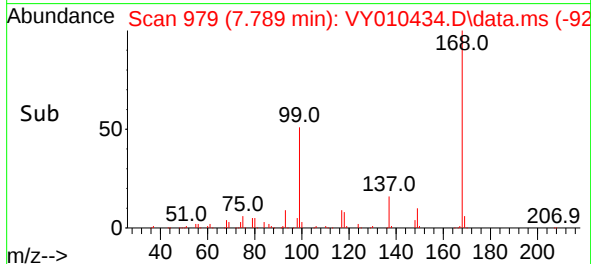
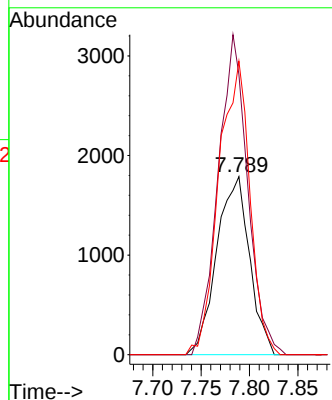
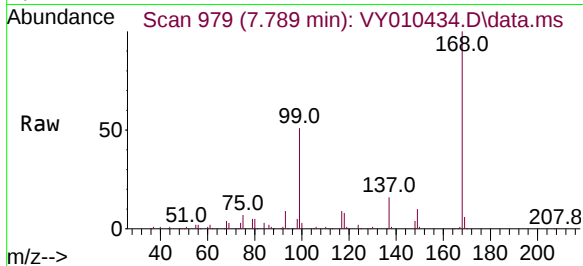




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

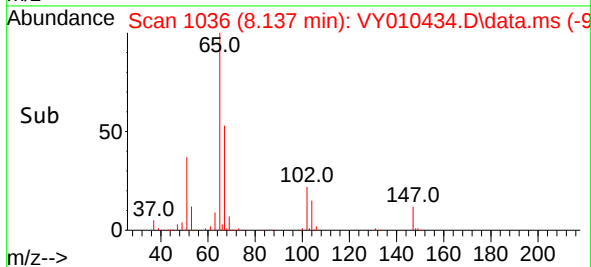
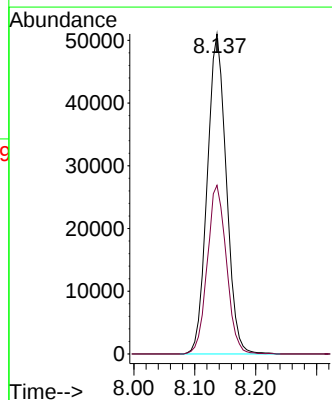
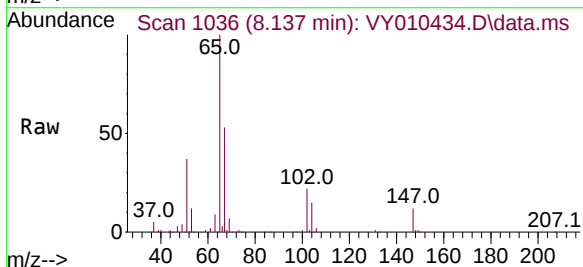
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-7.5-8.0

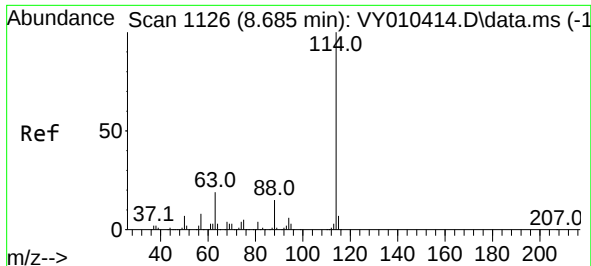
Tgt Ion: 56 Resp: 4216
Ion Ratio Lower Upper
56 100
69 157.2 26.7 40.1#
84 164.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.939 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

Tgt Ion: 65 Resp: 110809
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010434.D

Acq: 09 Sep 2022 21:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-23-7.5-8.0

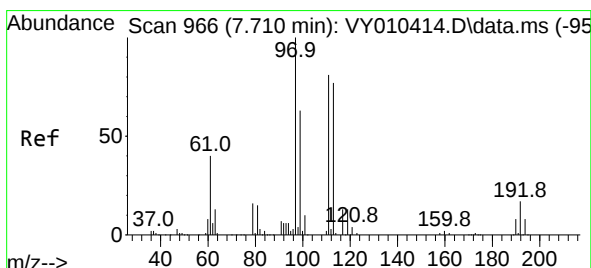
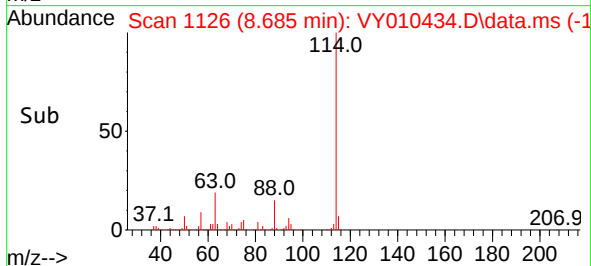
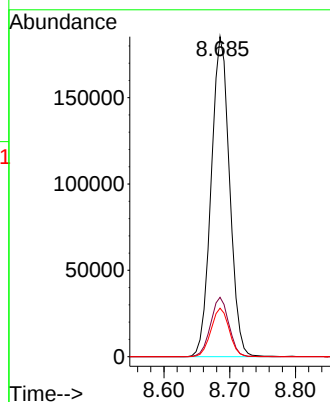
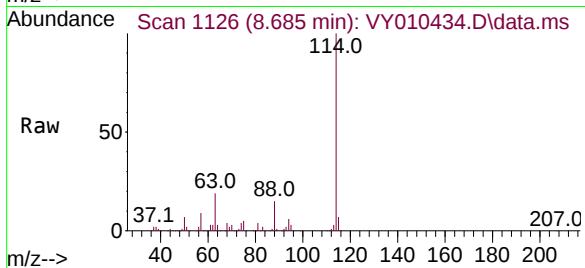
Tgt Ion:114 Resp: 360835

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.634 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010434.D

Acq: 09 Sep 2022 21:39

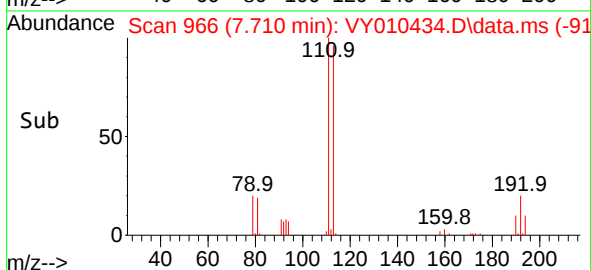
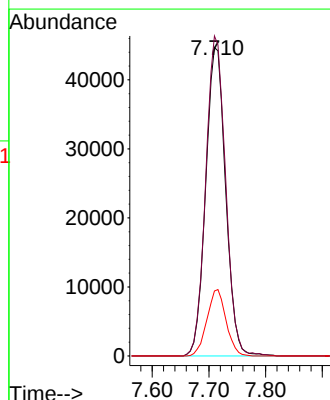
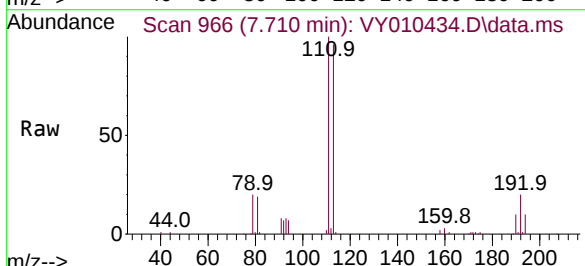
Tgt Ion:113 Resp: 109257

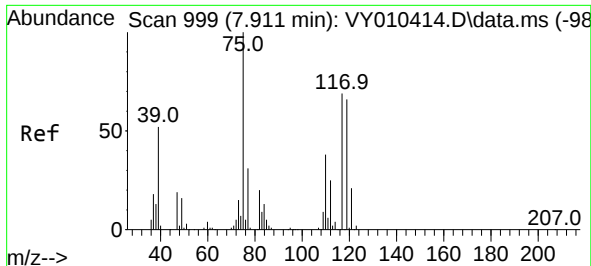
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 20.6 17.6 26.4

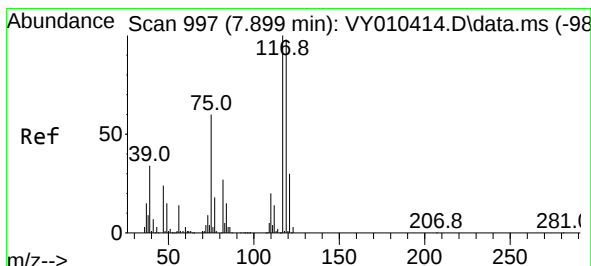
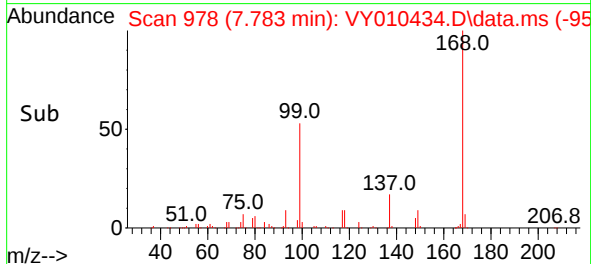
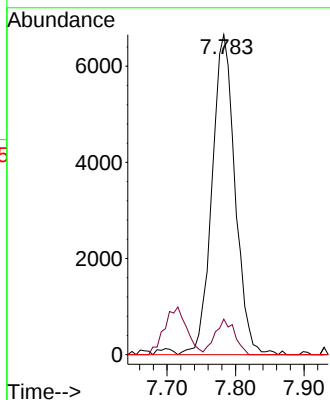
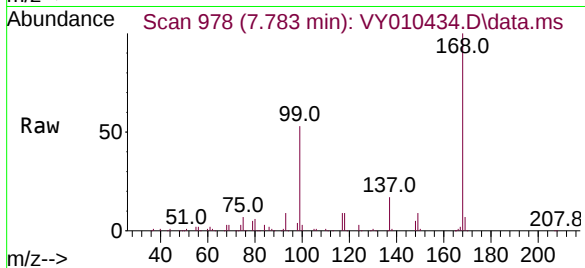




#36
 1,1-Dichloropropene
 Concen: 4.433 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY010434.D
 Acq: 09 Sep 2022 21:39

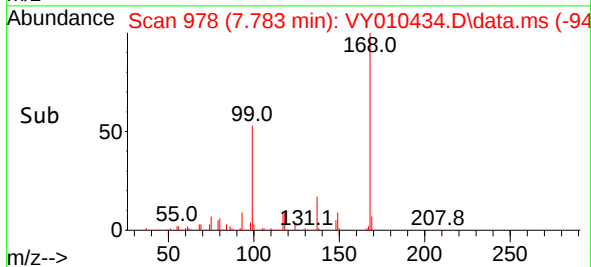
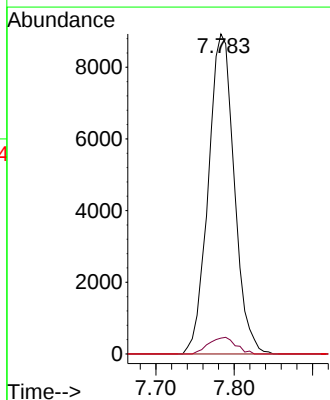
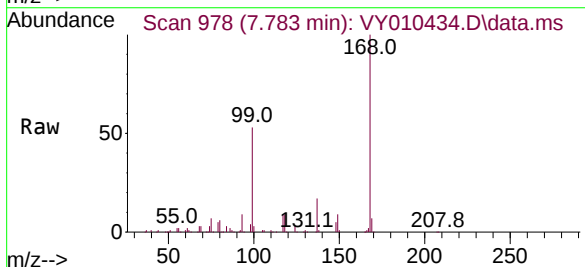
Instrument :
 MSVOA_Y
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 SB-23-7.5-8.0

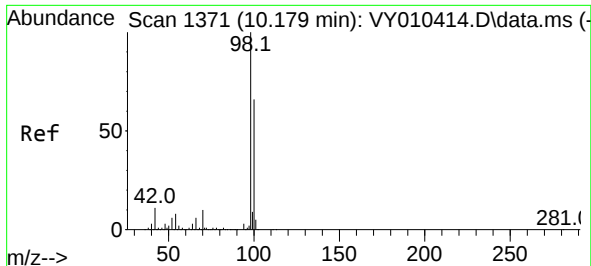
Tgt Ion: 75 Resp: 15554
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.267 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY010434.D
 Acq: 09 Sep 2022 21:39

Tgt Ion: 117 Resp: 20556
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.9 116.9#
 121 0.0 24.8 37.2#

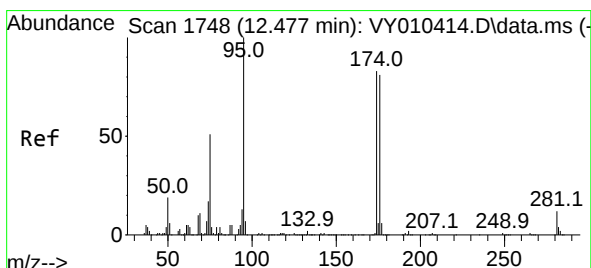
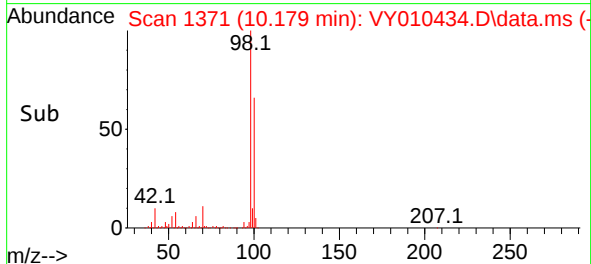
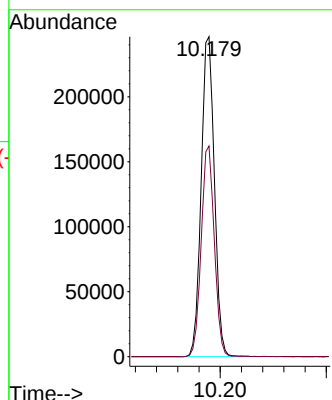
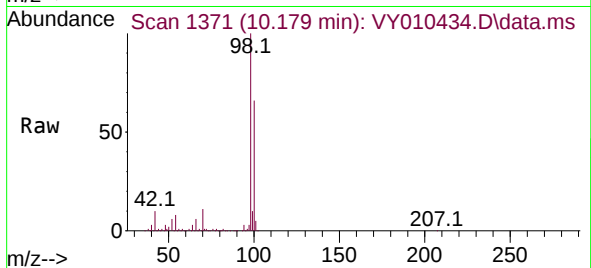




#50
Toluene-d8
Concen: 51.103 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

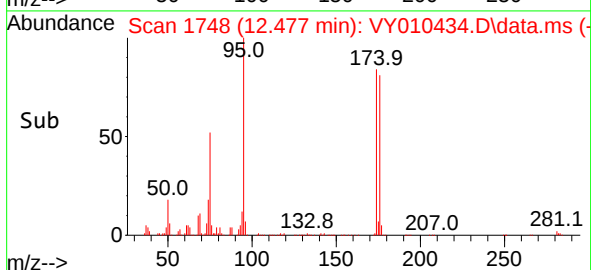
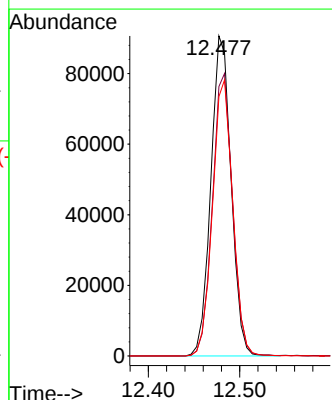
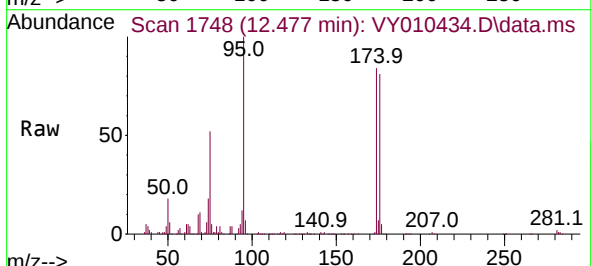
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-7.5-8.0

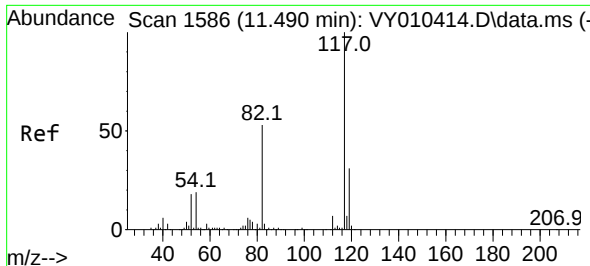
Tgt Ion: 98 Resp: 424435
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.249 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

Tgt Ion: 95 Resp: 139343
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 86.3 0.0 175.8

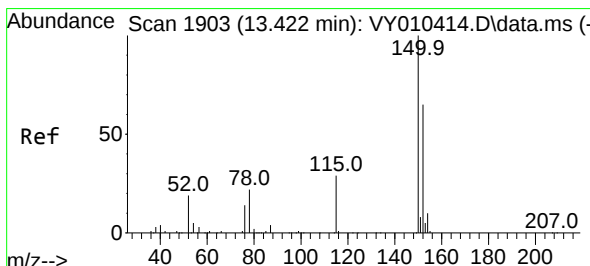
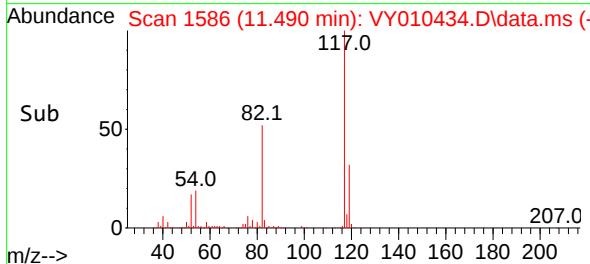
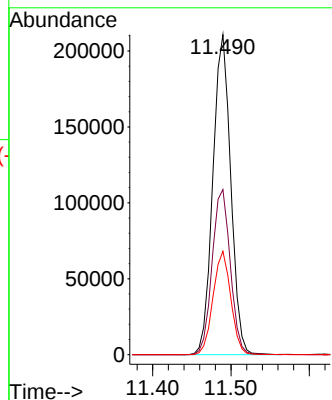
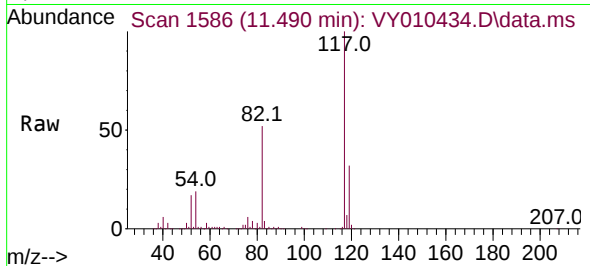




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

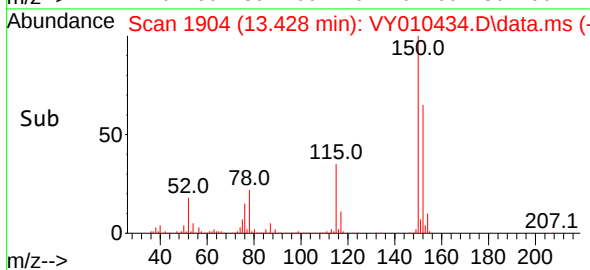
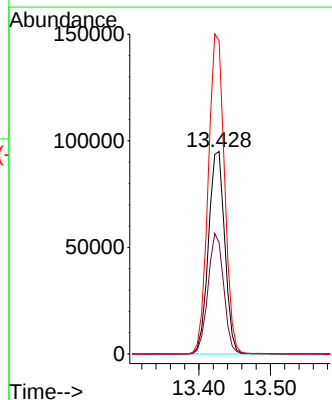
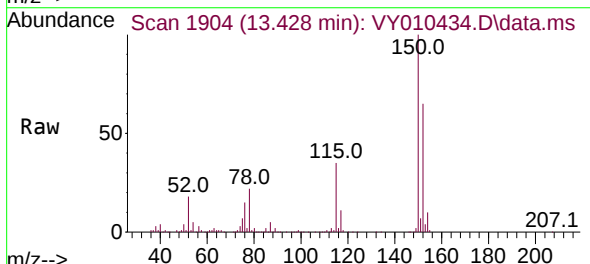
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-7.5-8.0

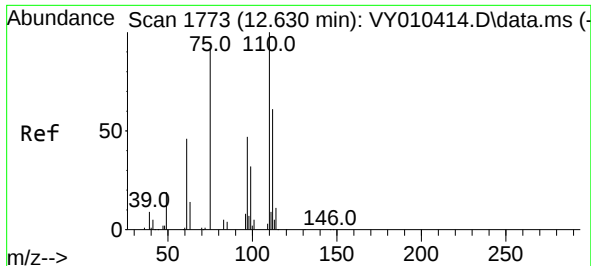
Tgt Ion:117 Resp: 334577
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

Tgt Ion:152 Resp: 150163
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 158.2 0.0 347.6

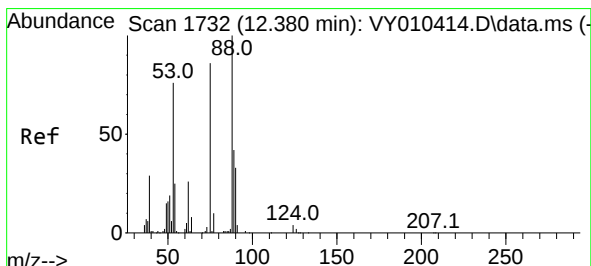
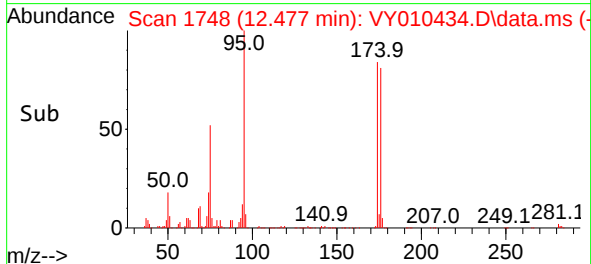
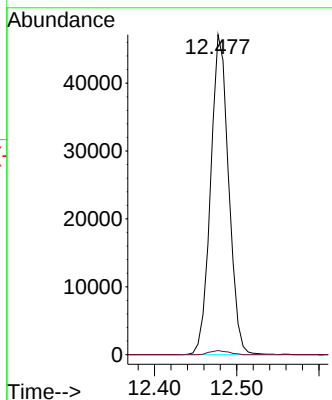
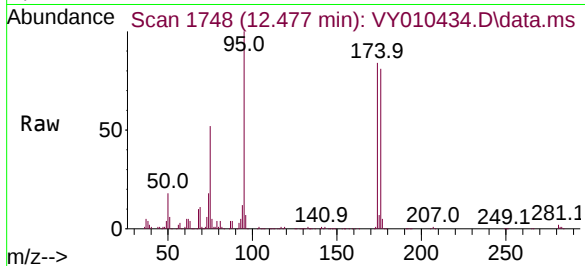




#76
1,2,3-Trichloropropane
Concen: 43.339 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-23-7.5-8.0

Tgt Ion: 75 Resp: 71826
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.229 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010434.D
Acq: 09 Sep 2022 21:39

Tgt Ion: 75 Resp: 71826
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

