

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010433.D
 Acq On : 09 Sep 2022 21:16
 Operator : KP/MD
 Sample : N4530-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-7.5-8.0

Quant Time: Sep 10 00:01:05 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)

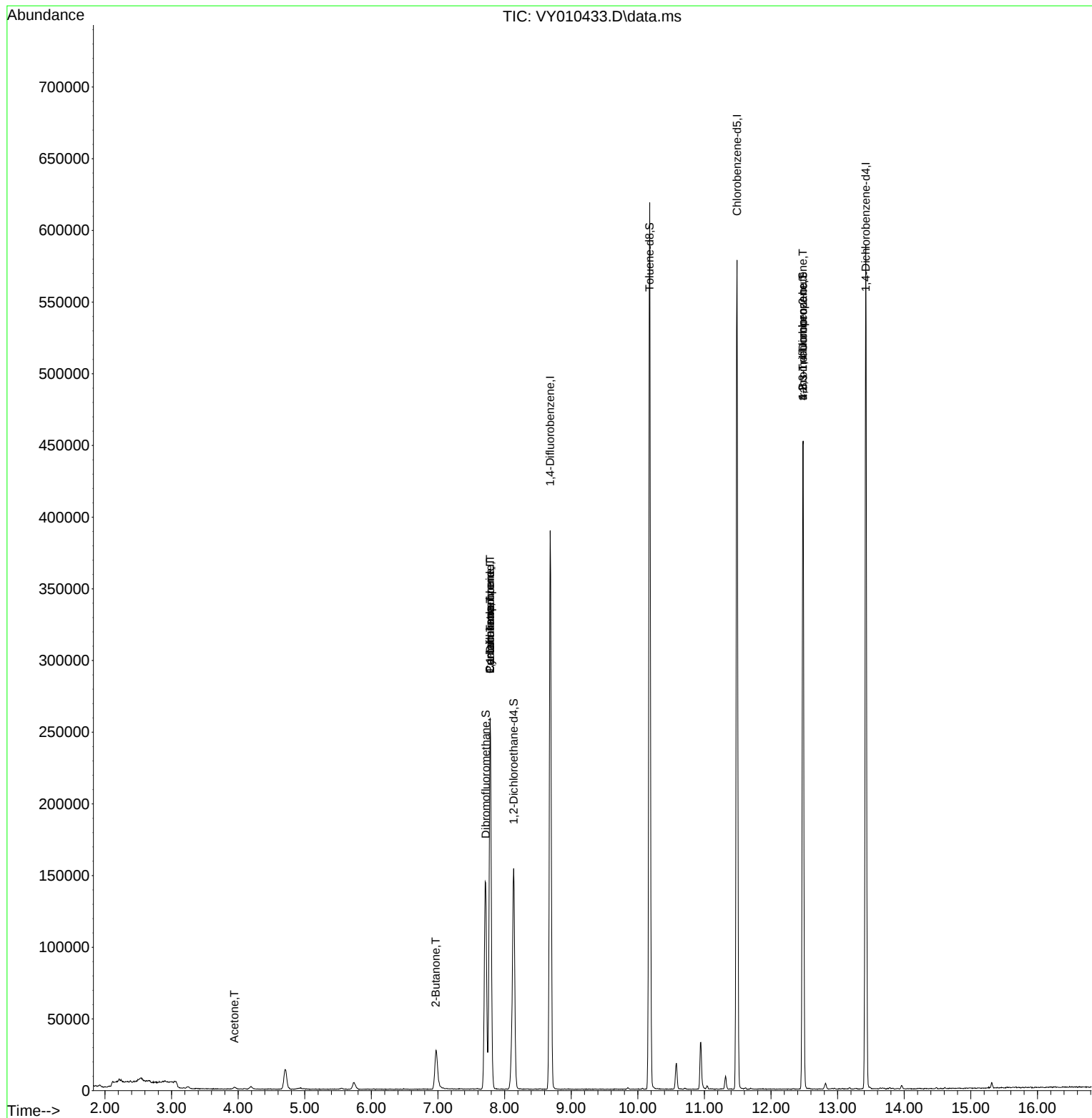
Internal Standards						
1) Pentafluorobenzene	7.782	168	206030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110018	53.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.040%	
35) Dibromofluoromethane	7.715	113	103867	42.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.620%	
50) Toluene-d8	10.178	98	404687	51.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.477	95	139644	44.069	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	530	Below Cal	# 96	
11) Tert butyl alcohol	4.948	59	680	Below Cal	# 77	
16) Acetone	3.942	43	2479	5.206	ug/l	98
20) Methylene Chloride	4.710	84	11307	Below Cal	# 79	
25) 2-Butanone	6.966	43	1554	2.053	ug/l	91
31) Cyclohexane	7.782	56	3762	1.073	ug/l	# 1
36) 1,1-Dichloropropene	7.782	75	14442	4.348	ug/l	# 51
38) Carbon Tetrachloride	7.782	117	19606	5.305	ug/l	# 14
76) 1,2,3-Trichloropropane	12.477	75	71371	42.835	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	71371	95.110	ug/l	# 7

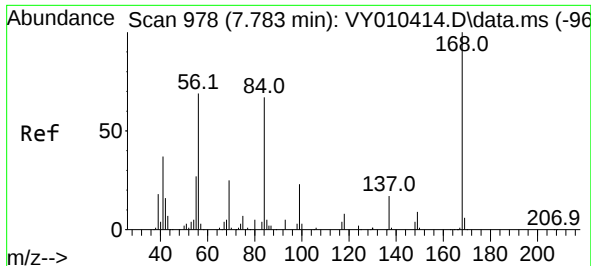
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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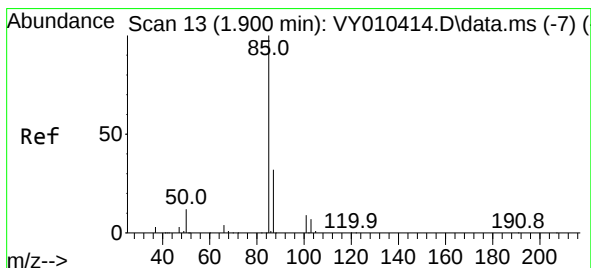
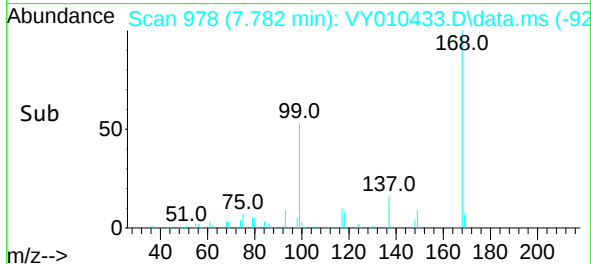
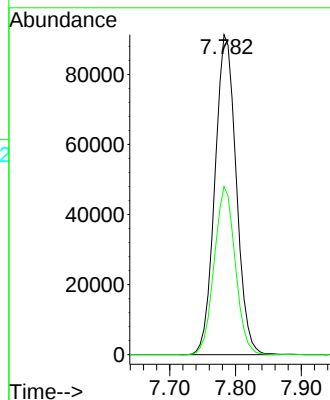
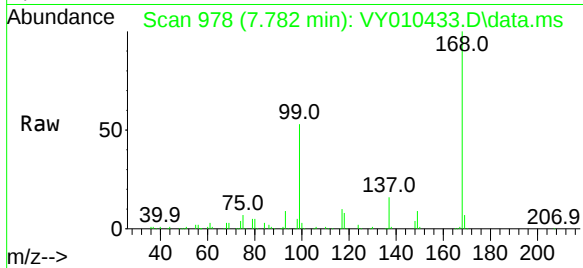




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

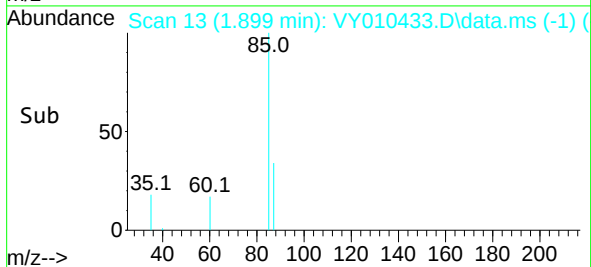
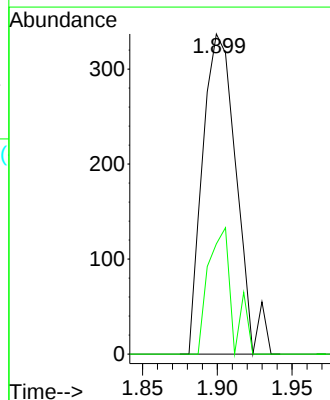
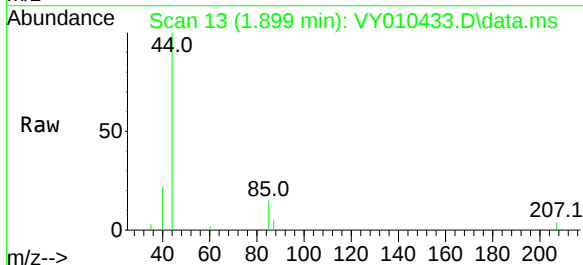
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0

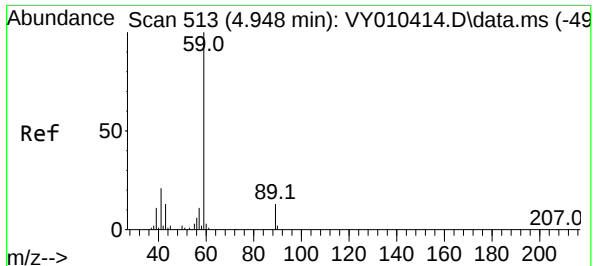
Tgt Ion:168 Resp: 206030
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

Tgt Ion: 85 Resp: 530
Ion Ratio Lower Upper
85 100
87 34.4 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010433.D

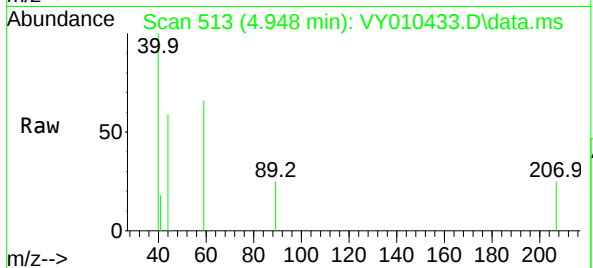
Acq: 09 Sep 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-7.5-8.0

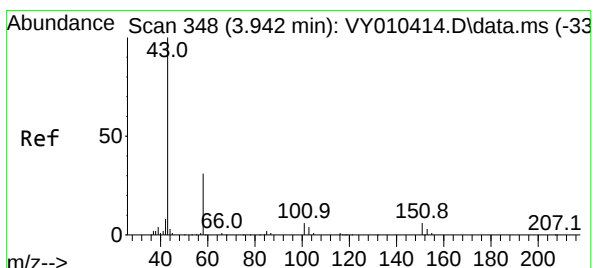
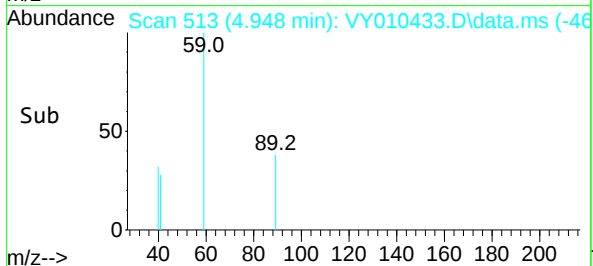
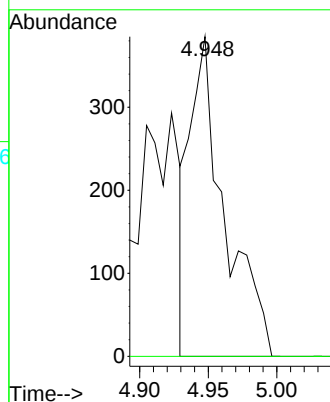


Tgt Ion: 59 Resp: 680

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.206 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY010433.D

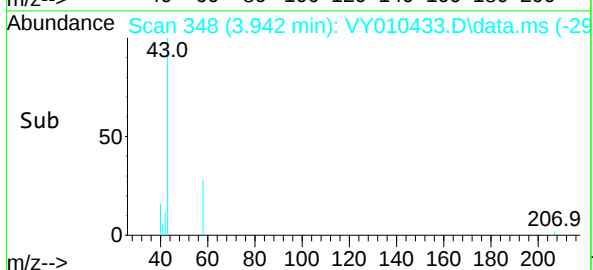
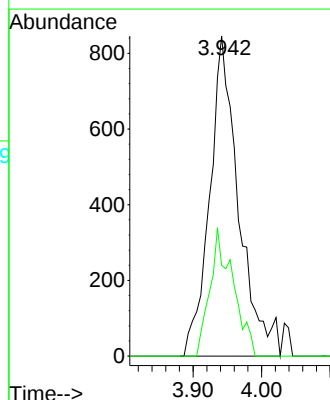
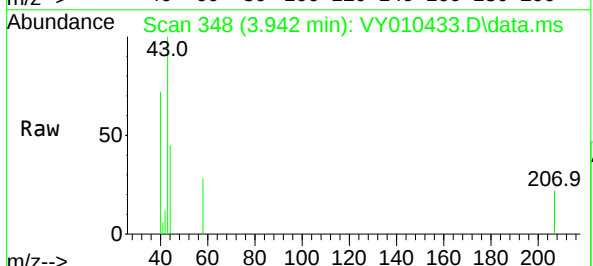
Acq: 09 Sep 2022 21:16

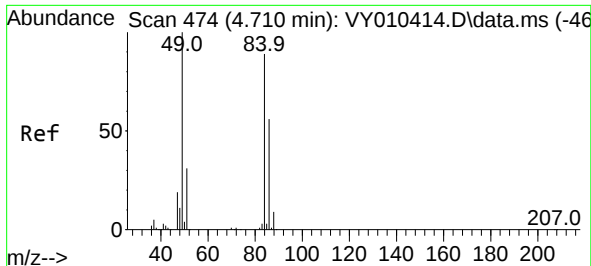
Tgt Ion: 43 Resp: 2479

Ion Ratio Lower Upper

43 100

58 28.4 22.0 33.0

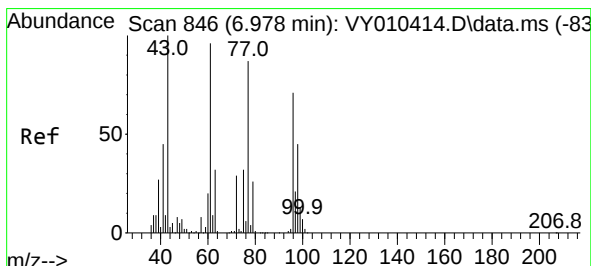
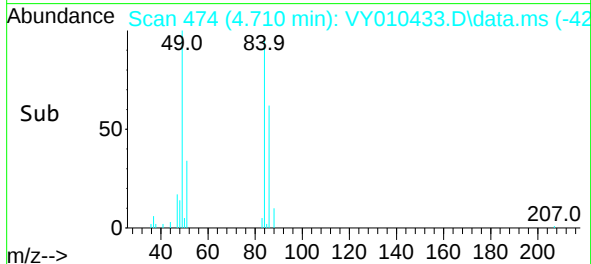
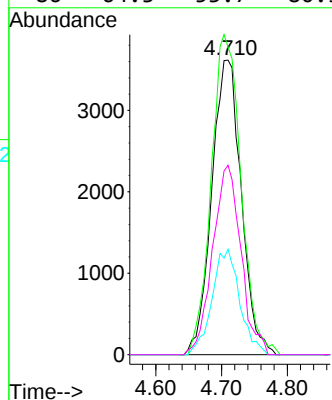
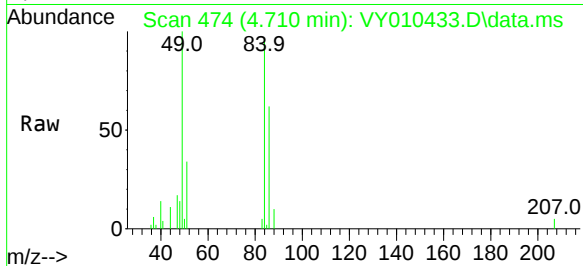




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

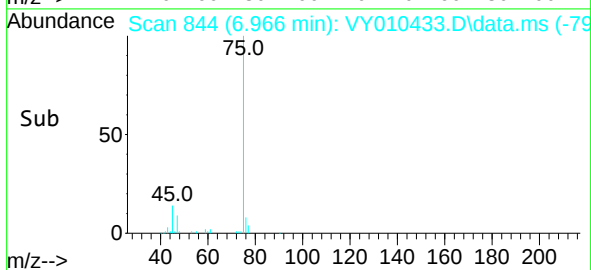
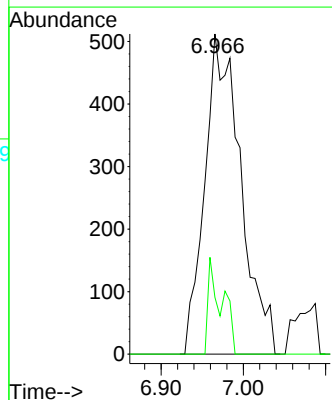
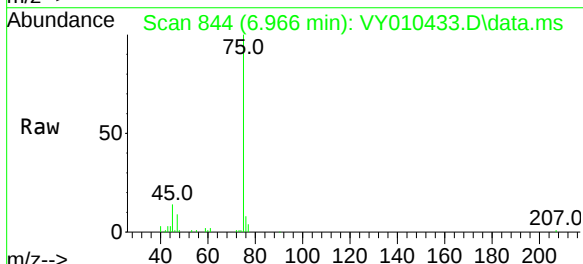
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0

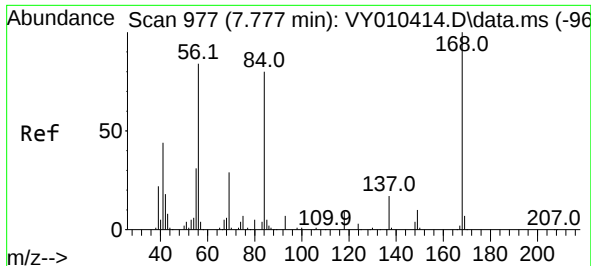
Tgt Ion: 84 Resp: 11307
Ion Ratio Lower Upper
84 100
49 104.5 114.4 171.6#
51 35.8 35.3 52.9
86 64.3 53.7 80.5



#25
2-Butanone
Concen: 2.053 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
72 17.8 17.7 26.5

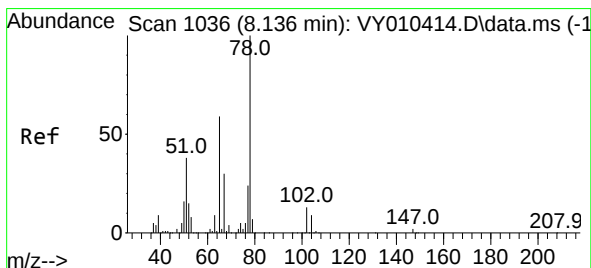
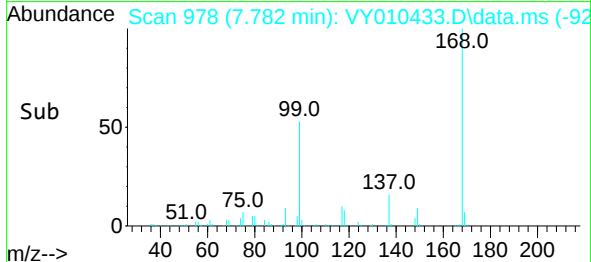
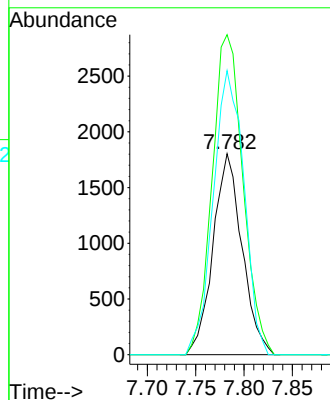
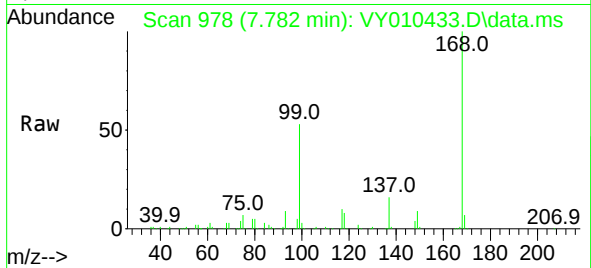




#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

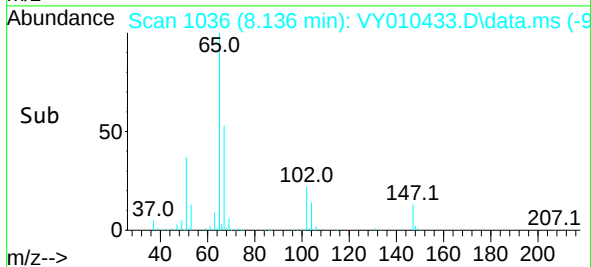
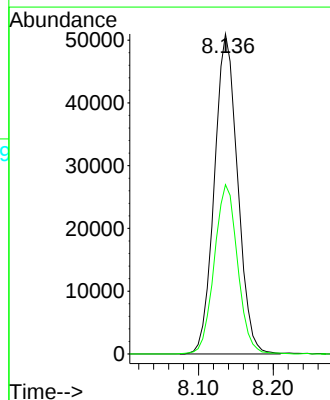
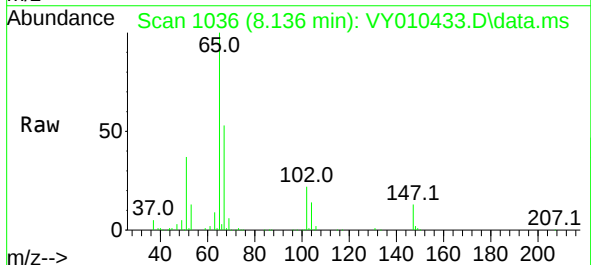
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0

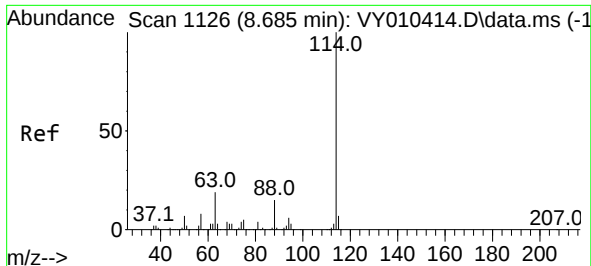
Tgt Ion: 56 Resp: 3762
Ion Ratio Lower Upper
56 100
69 159.2 26.7 40.1#
84 141.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.019 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

Tgt Ion: 65 Resp: 110018
Ion Ratio Lower Upper
65 100
67 53.2 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: VY010433.D

Acq: 09 Sep 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-7.5-8.0

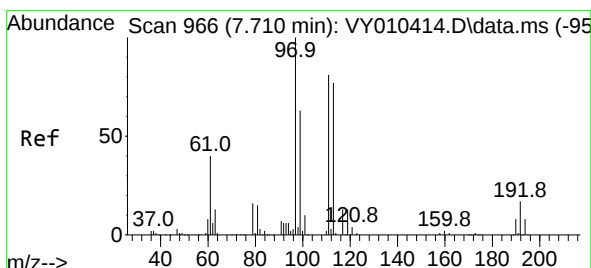
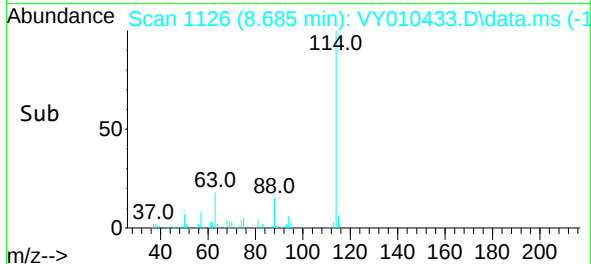
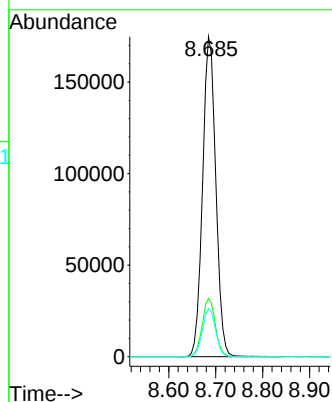
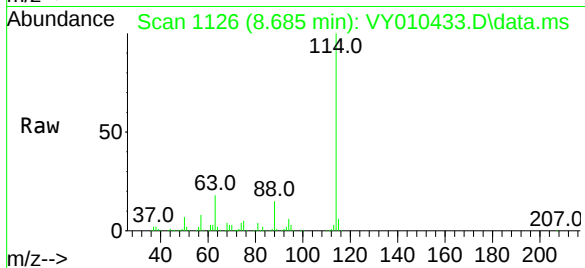
Tgt Ion:114 Resp: 341657

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.806 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010433.D

Acq: 09 Sep 2022 21:16

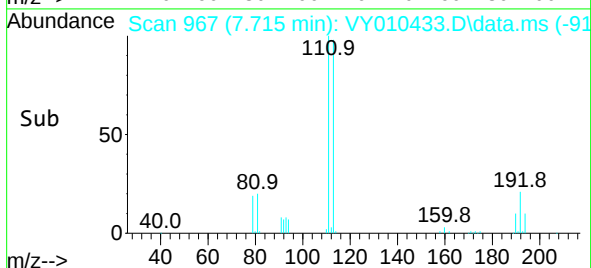
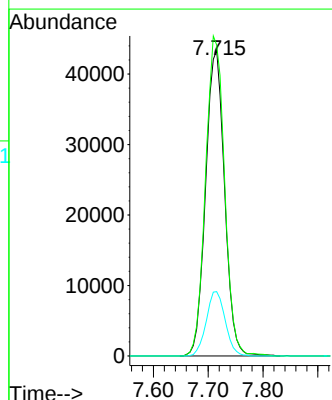
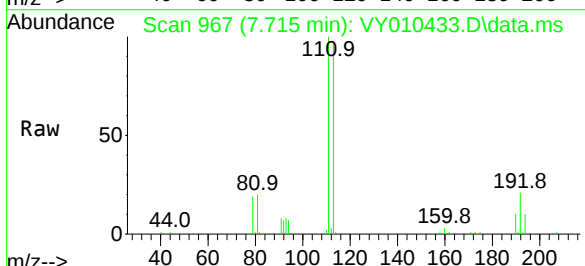
Tgt Ion:113 Resp: 103867

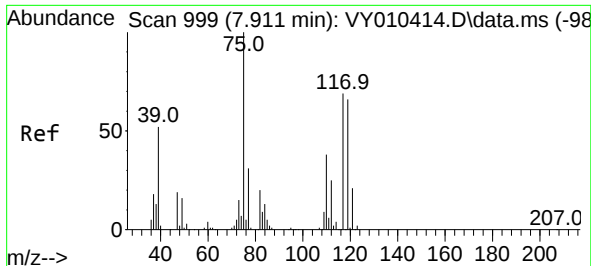
Ion Ratio Lower Upper

113 100

111 105.3 82.6 124.0

192 21.1 17.6 26.4

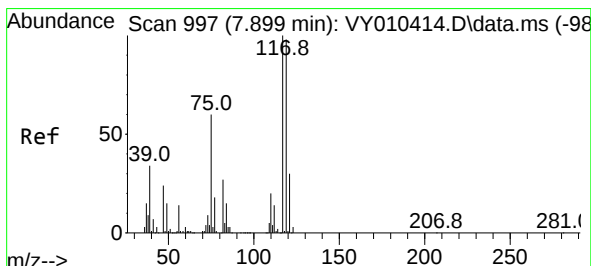
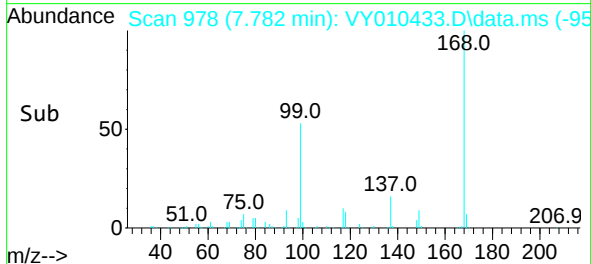
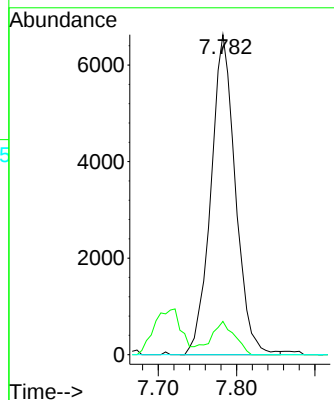
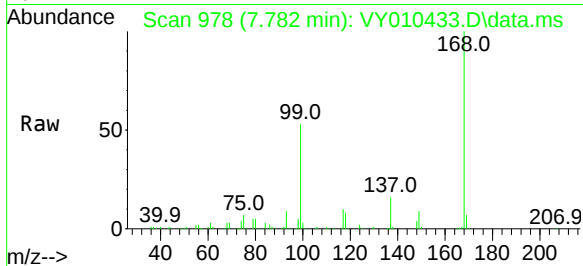




#36
 1,1-Dichloropropene
 Concen: 4.348 ug/l
 RT: 7.782 min Scan# 91
 Delta R.T. -0.129 min
 Lab File: VY010433.D
 Acq: 09 Sep 2022 21:16

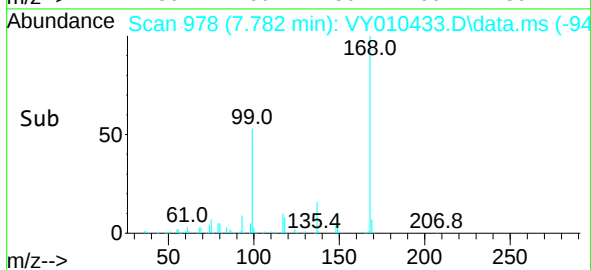
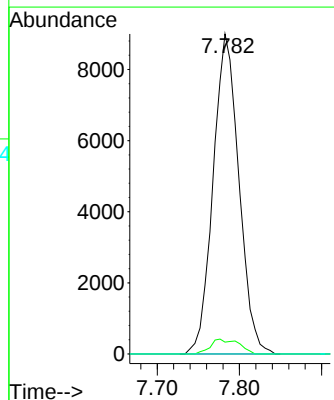
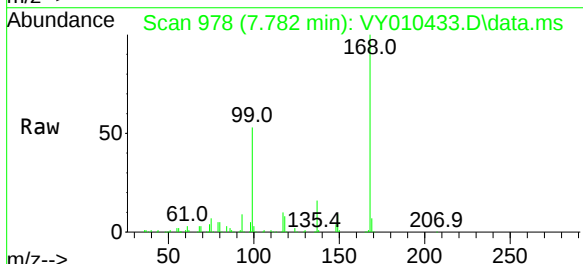
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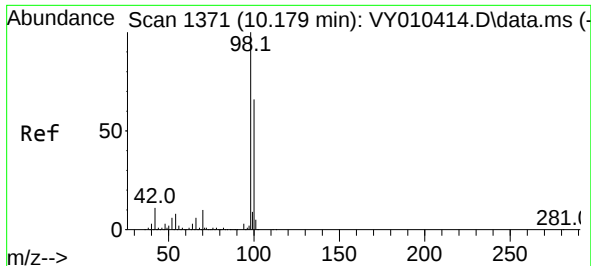
Tgt Ion: 75 Resp: 14442
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.305 ug/l
 RT: 7.782 min Scan# 978
 Delta R.T. -0.117 min
 Lab File: VY010433.D
 Acq: 09 Sep 2022 21:16

Tgt Ion: 117 Resp: 19606
 Ion Ratio Lower Upper
 117 100
 119 3.7 77.9 116.9#
 121 0.0 24.8 37.2#

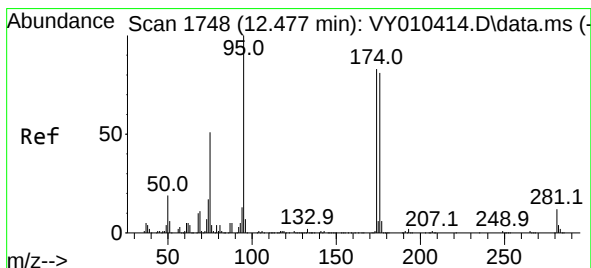
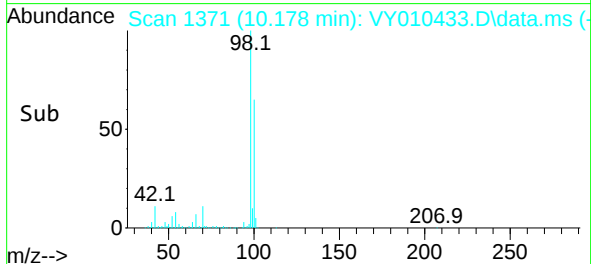
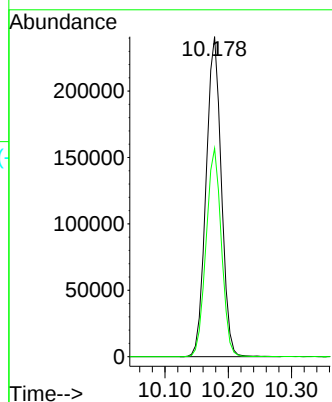
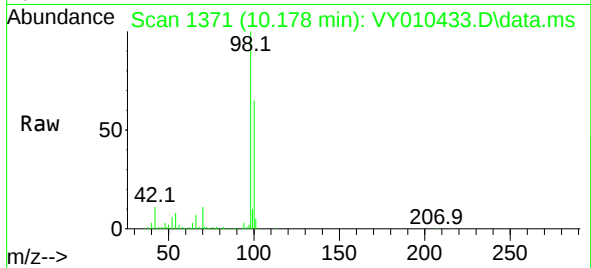




#50
Toluene-d8
Concen: 51.460 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

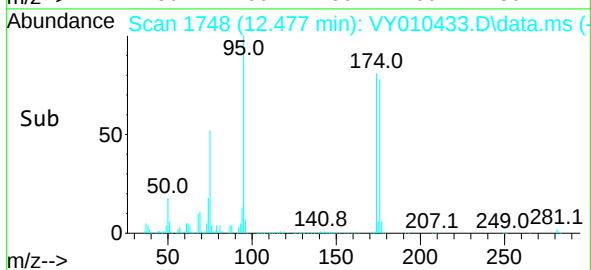
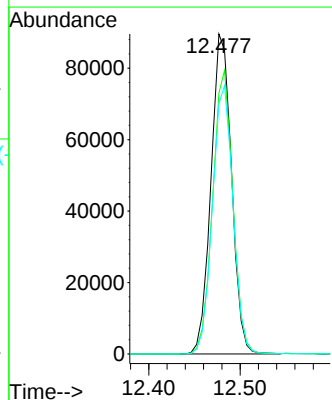
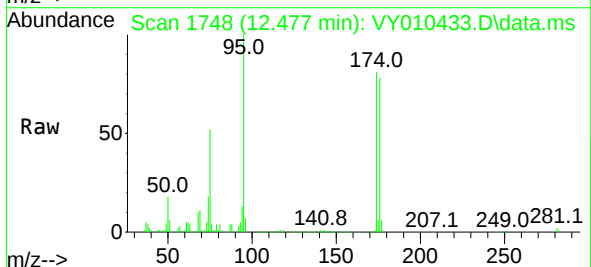
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0

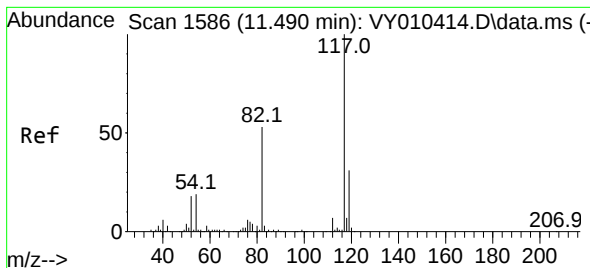
Tgt Ion: 98 Resp: 404687
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.069 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

Tgt Ion: 95 Resp: 139644
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 83.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010433.D

Acq: 09 Sep 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-7.5-8.0

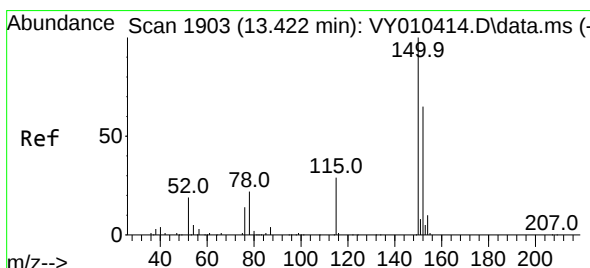
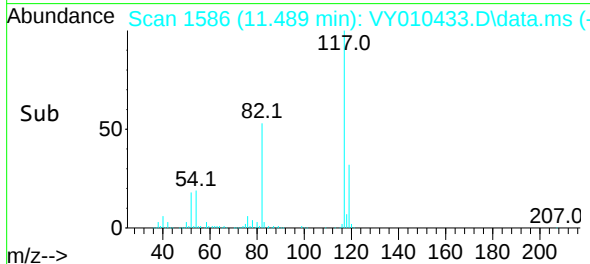
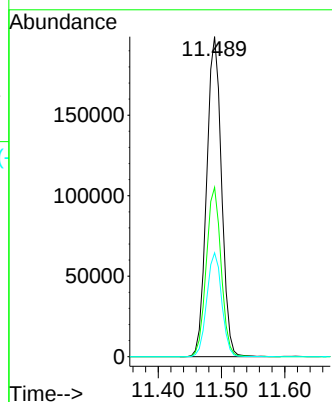
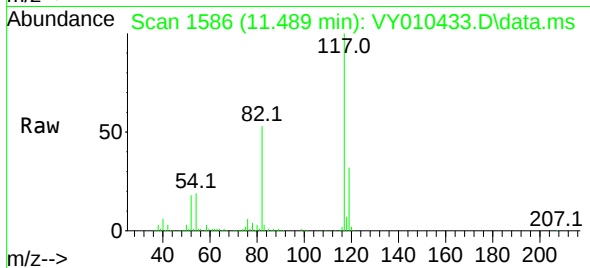
Tgt Ion:117 Resp: 325074

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 32.5 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: VY010433.D

Acq: 09 Sep 2022 21:16

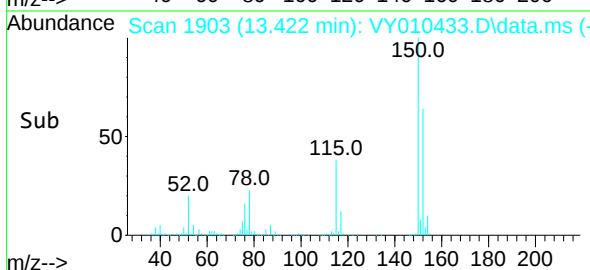
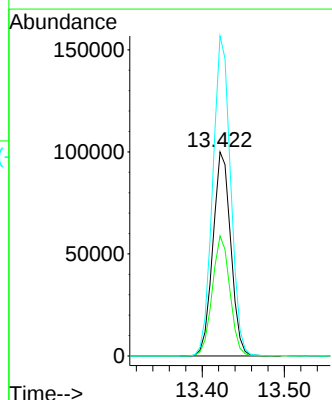
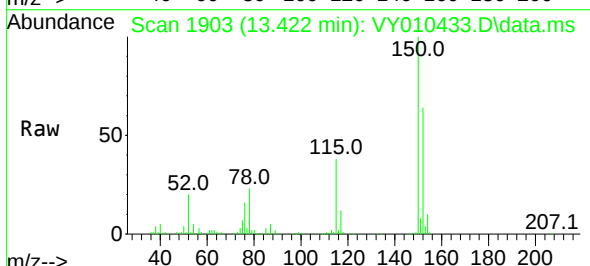
Tgt Ion:152 Resp: 150967

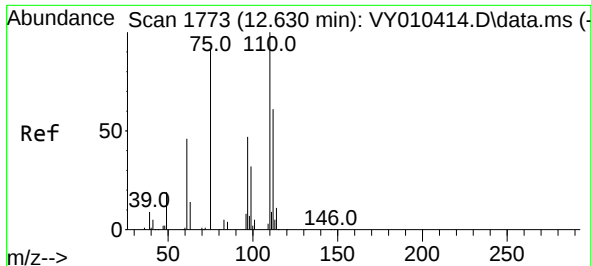
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 156.6 0.0 347.6

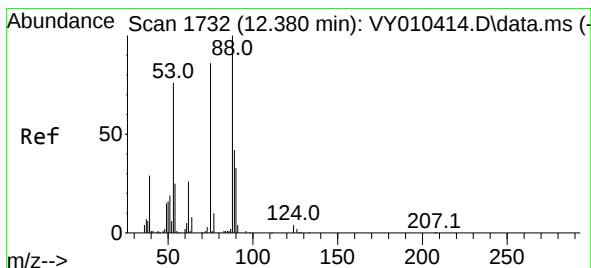
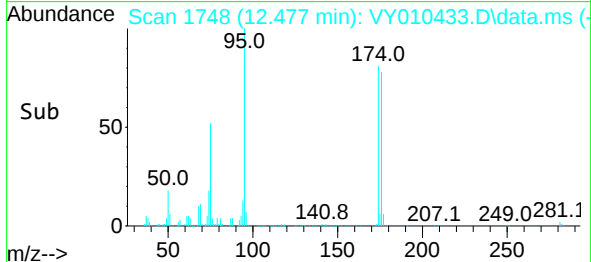
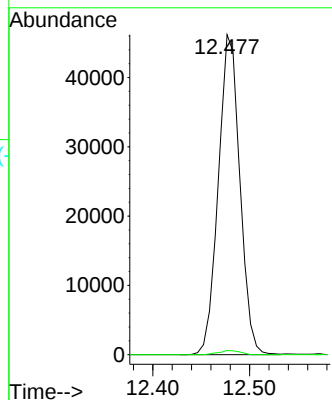
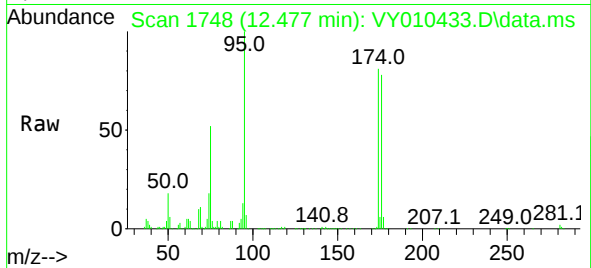




#76
1,2,3-Trichloropropane
Concen: 42.835 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-22-7.5-8.0

Tgt Ion: 75 Resp: 71371
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.110 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010433.D
Acq: 09 Sep 2022 21:16

Tgt Ion: 75 Resp: 71371
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

