

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011254.D
 Acq On : 02 Nov 2022 12:03
 Operator : KP/MD
 Sample : N5337-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Nov 03 05:13:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

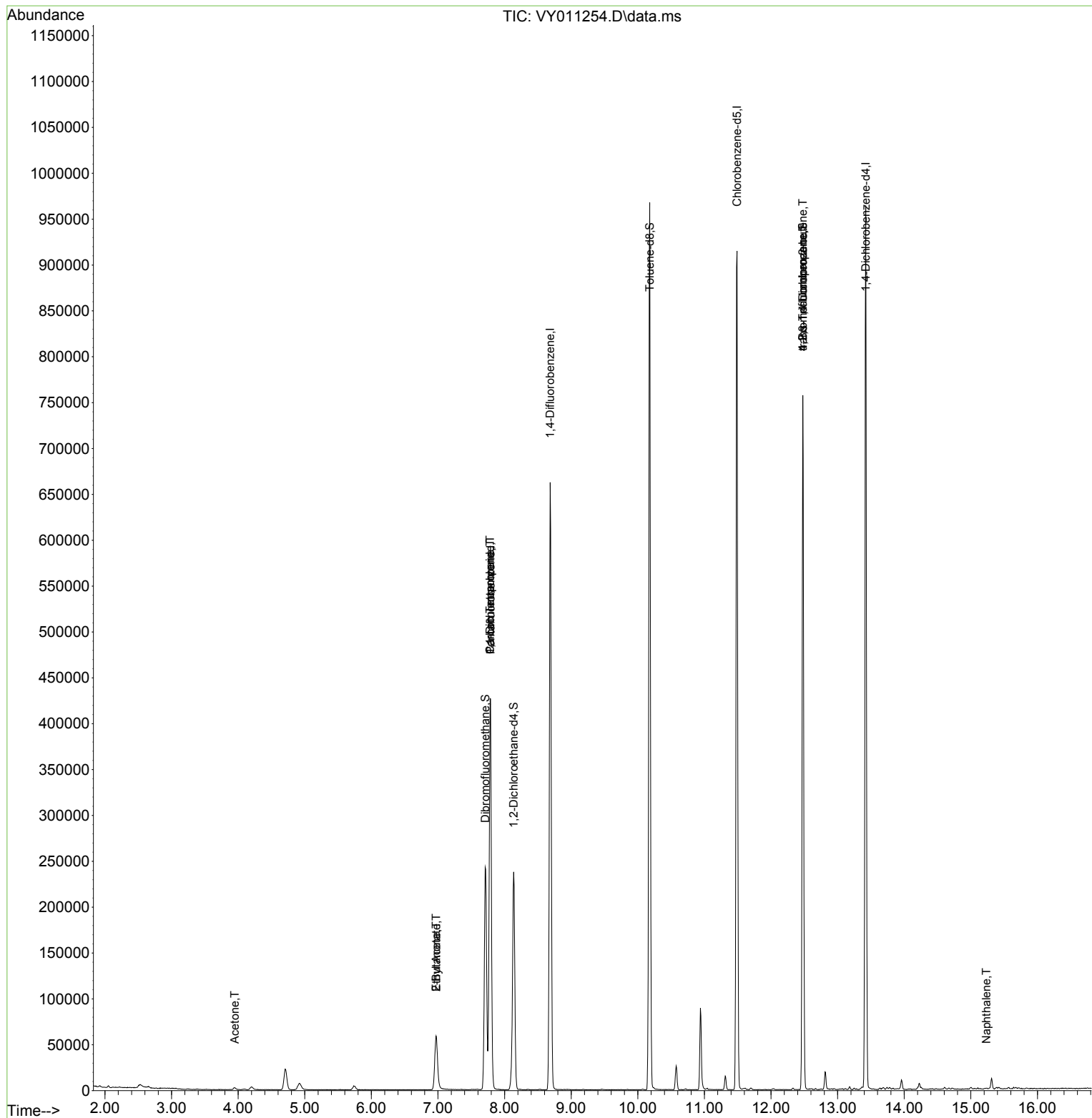
Internal Standards						
1) Pentafluorobenzene	7.789	168	340817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	576580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	527019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	248843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	177318	48.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.710	113	179268	48.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.780%
50) Toluene-d8	10.179	98	640993	44.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.140%
62) 4-Bromofluorobenzene	12.477	95	229324	45.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	221	Below Cal	#	43
11) Tert butyl alcohol	4.918	59	7449	Below Cal	#	77
16) Acetone	3.948	43	3858	3.506	ug/l	92
20) Methylene Chloride	4.710	84	18227	Below Cal	#	82
25) 2-Butanone	6.972	43	3734	2.412	ug/l	94
36) 1,1-Dichloropropene	7.783	75	24902	4.116	ug/l	# 51
37) Ethyl Acetate	6.972	43	3734	1.145	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	33547	5.345	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	111916	36.943	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	111916	79.062	ug/l	# 7
95) Naphthalene	15.233	128	1373	4.083	ug/l	96

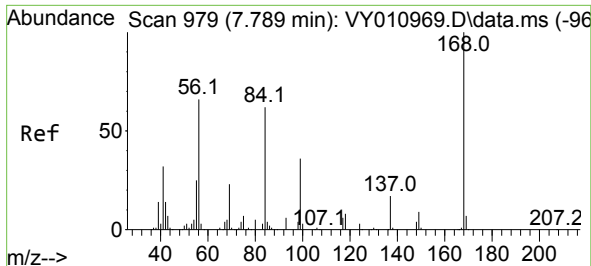
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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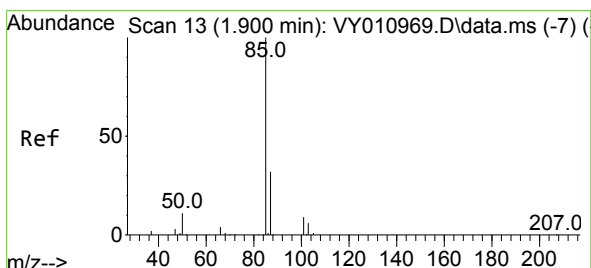
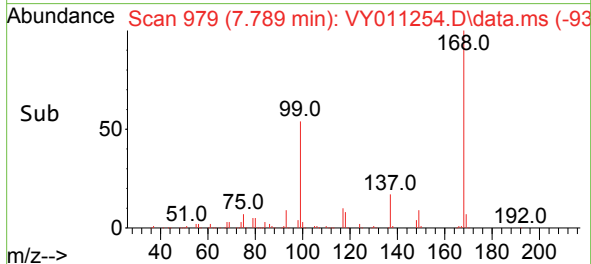
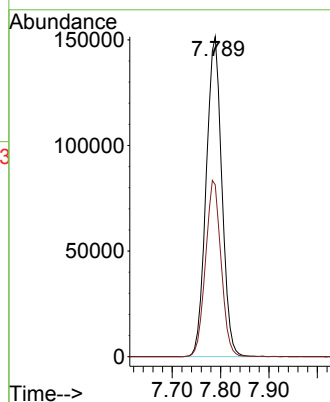
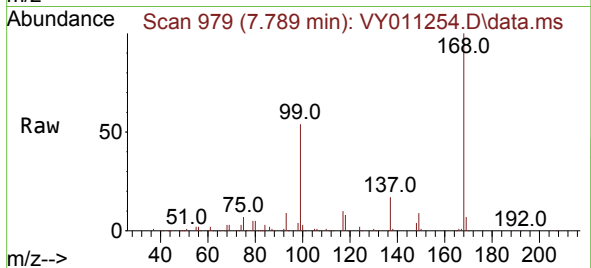




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

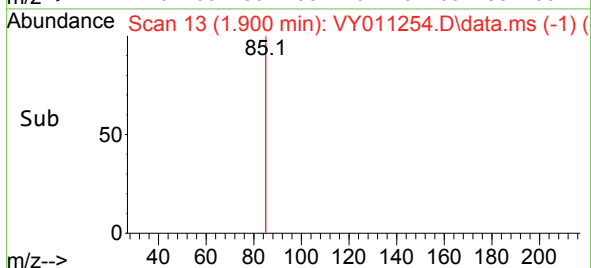
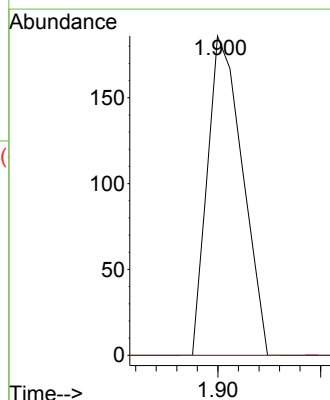
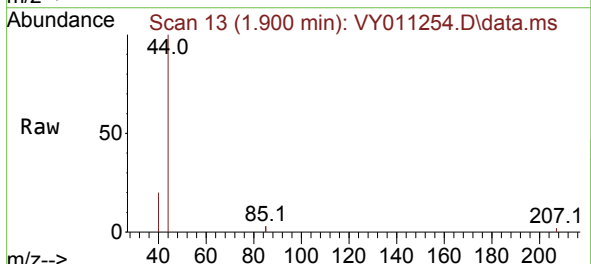
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

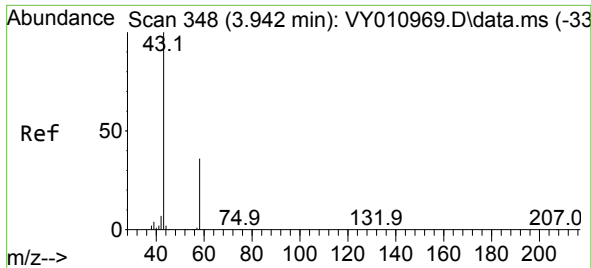
Tgt Ion:168 Resp: 340817
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

Tgt Ion: 85 Resp: 221
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 3.506 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011254.D

Acq: 02 Nov 2022 12:03

Instrument :

MSVOA_Y

ClientSampleId :

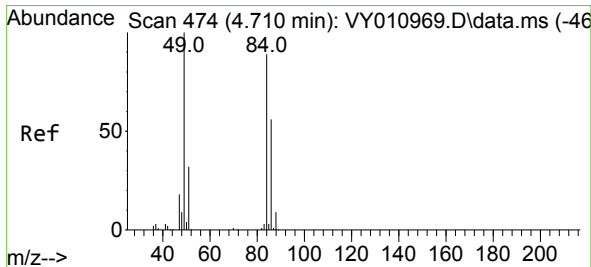
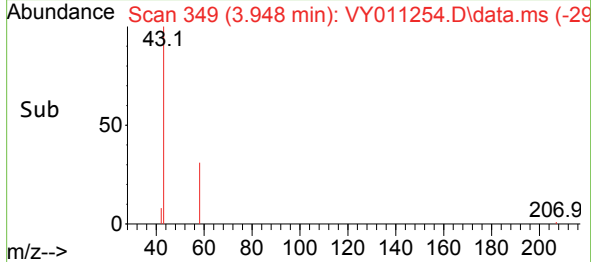
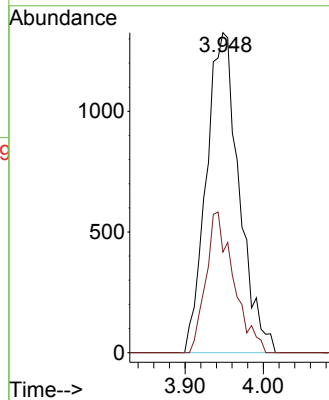
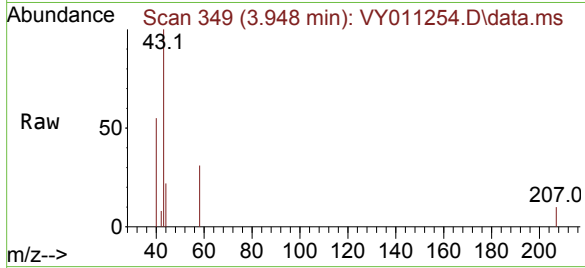
SB-01-14.5-15.0

Tgt Ion: 43 Resp: 3858

Ion Ratio Lower Upper

43 100

58 31.4 22.0 33.0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY011254.D

Acq: 02 Nov 2022 12:03

Tgt Ion: 84 Resp: 18227

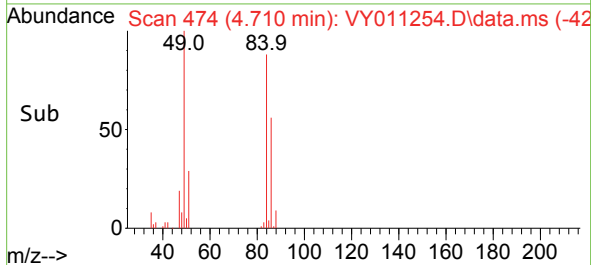
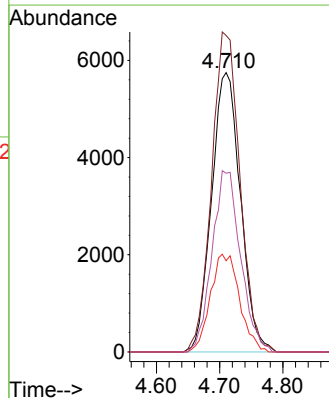
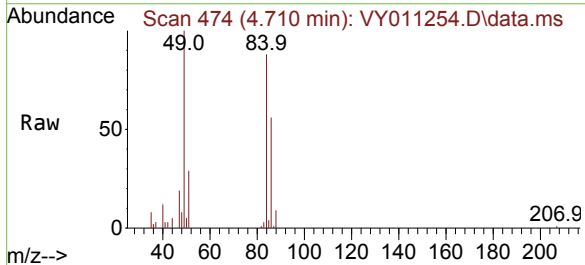
Ion Ratio Lower Upper

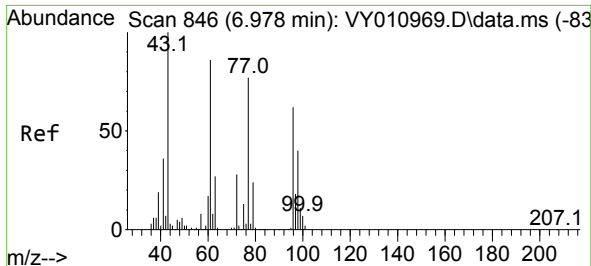
84 100

49 113.3 114.4 171.6#

51 32.6 35.3 52.9#

86 63.9 53.7 80.5

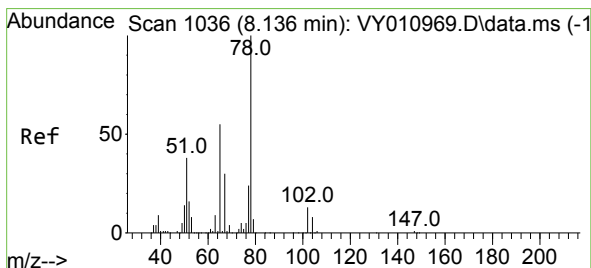
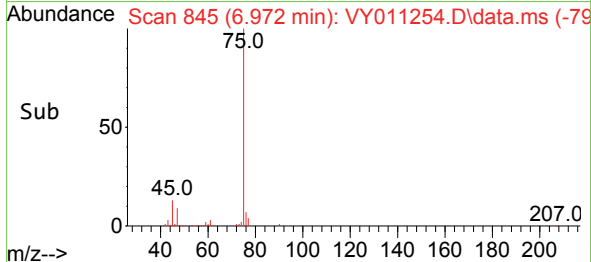
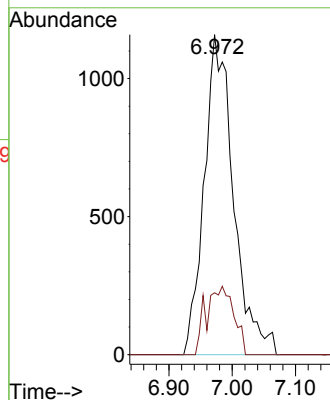
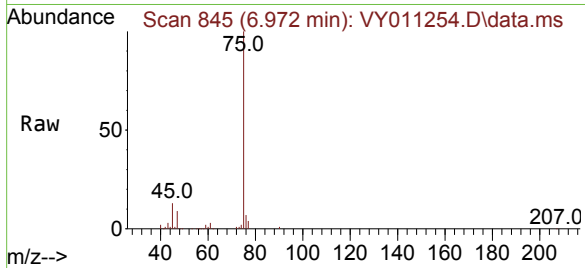




#25
2-Butanone
Concen: 2.412 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

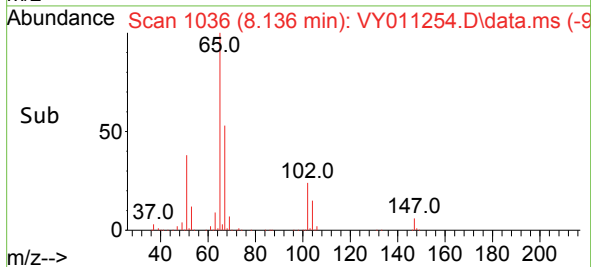
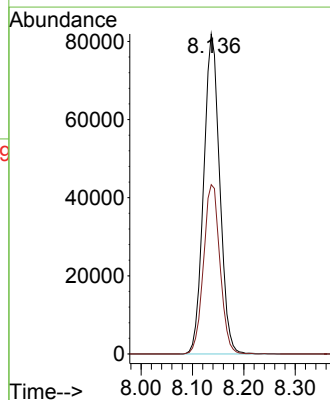
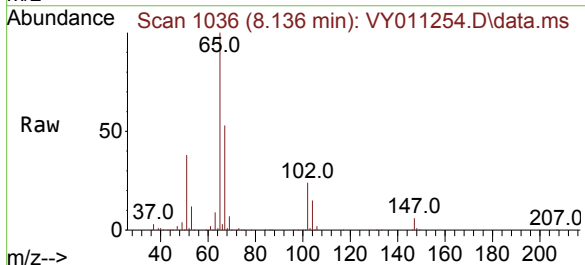
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

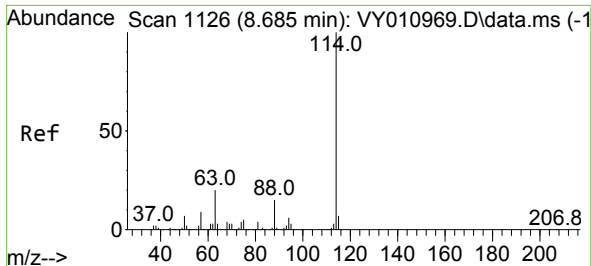
Tgt Ion: 43 Resp: 3734
Ion Ratio Lower Upper
43 100
72 19.3 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 48.646 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

Tgt Ion: 65 Resp: 177318
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

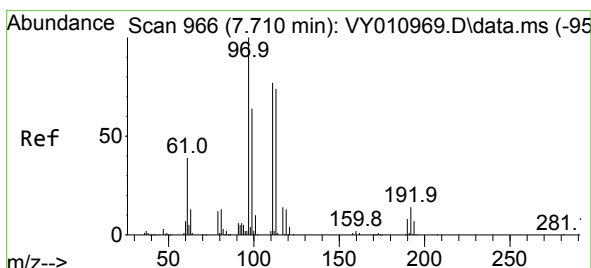
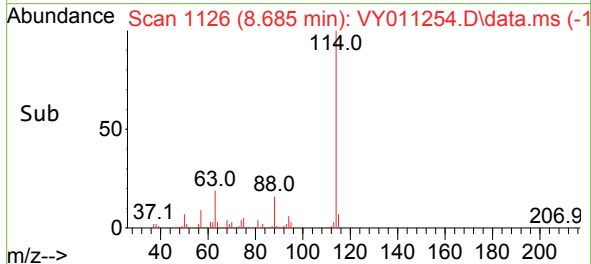
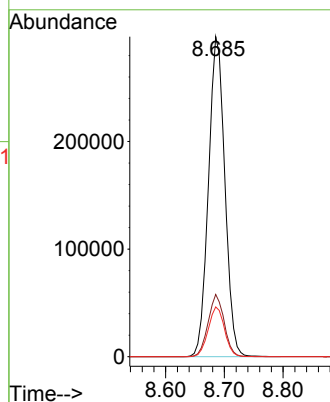
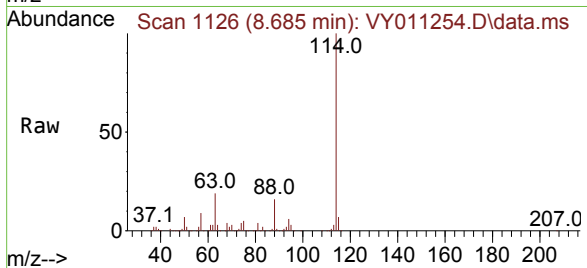




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

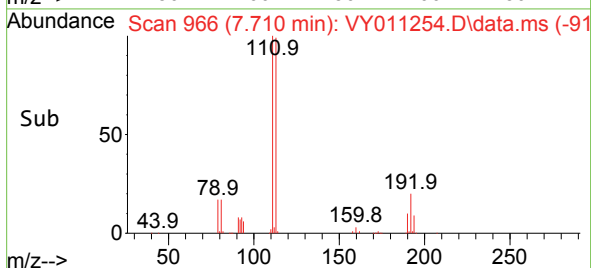
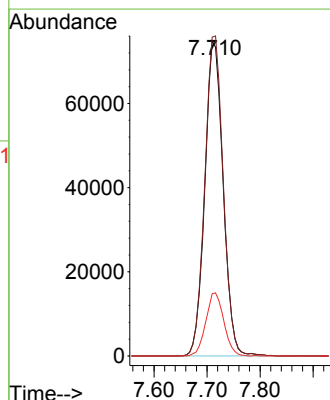
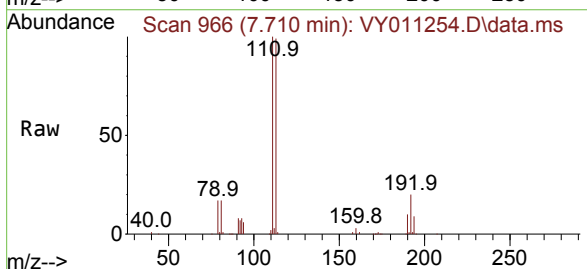
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

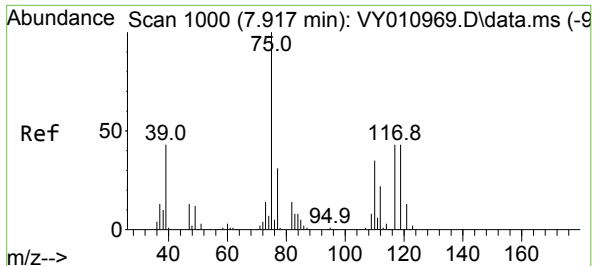
Tgt Ion:114 Resp: 576580
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.392 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

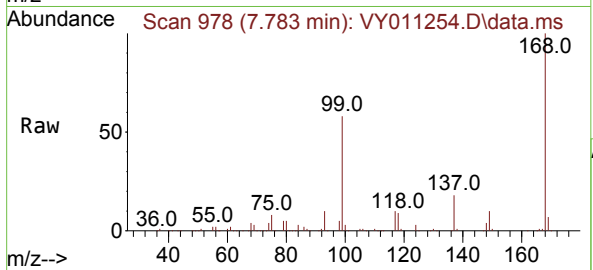
Tgt Ion:113 Resp: 179268
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.7 17.6 26.4



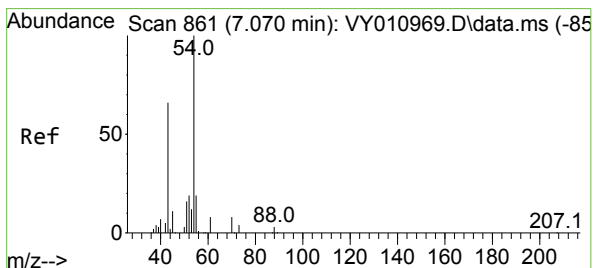
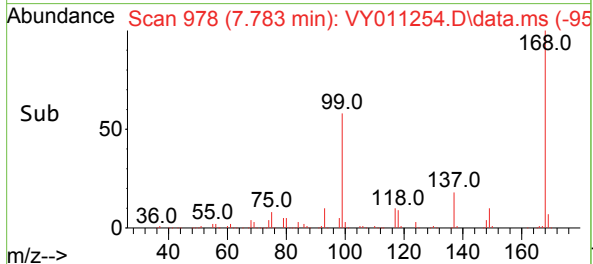
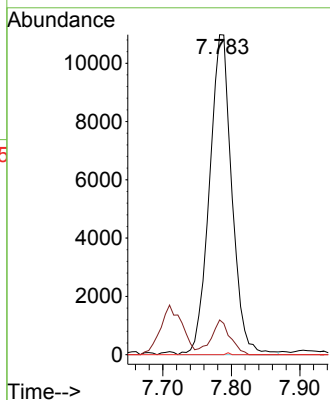


#36
1,1-Dichloropropene
Concen: 4.116 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

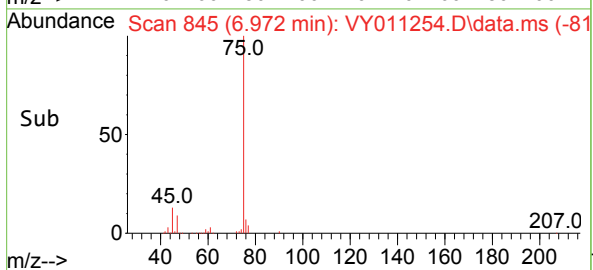
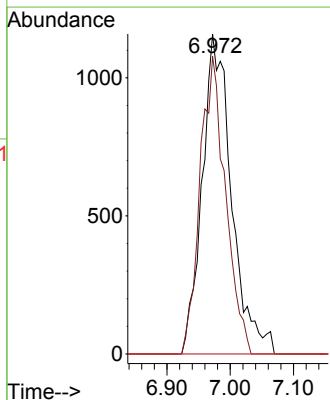
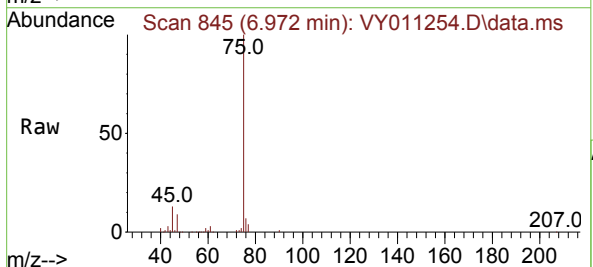


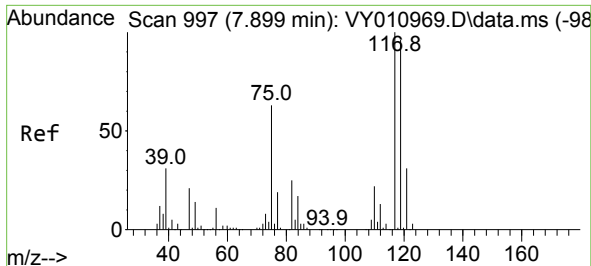
Tgt Ion: 75 Resp: 24902
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.1 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.145 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

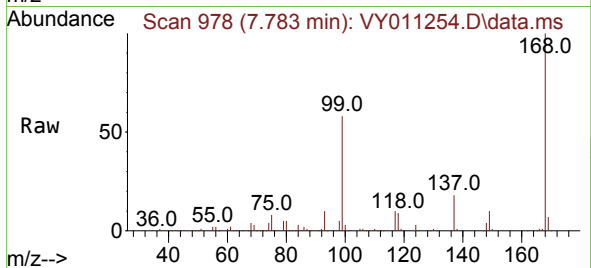
Tgt Ion: 43 Resp: 3734
Ion Ratio Lower Upper
43 100
61 80.7 9.7 14.5#
70 0.0 7.1 10.7#



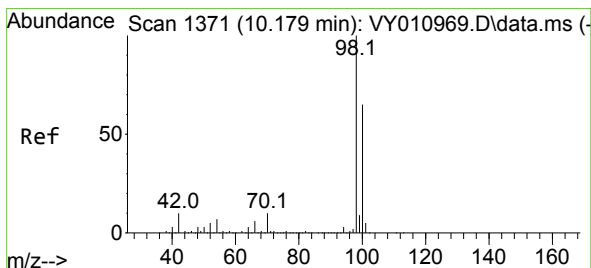
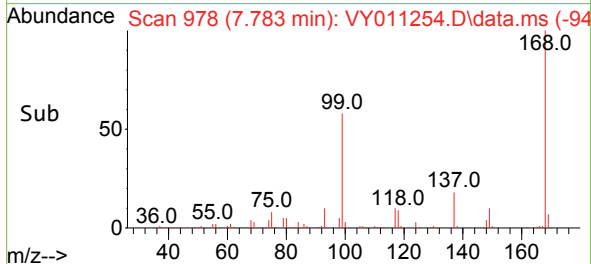
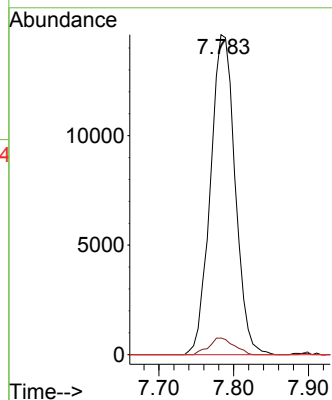


#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

Instrument :
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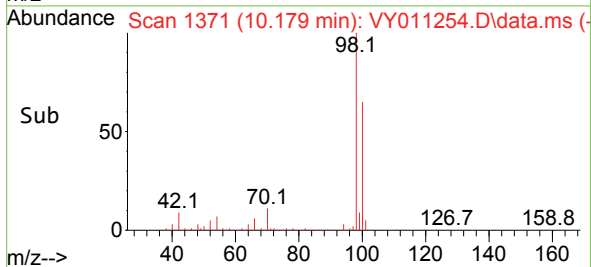
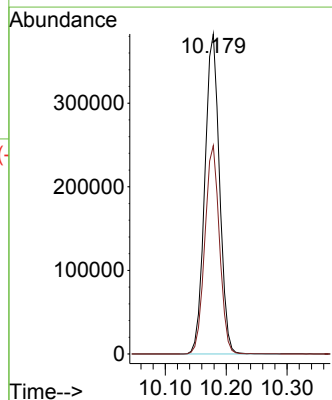
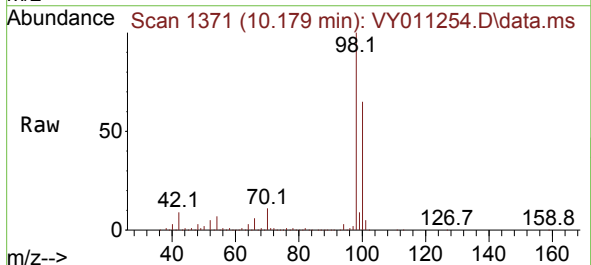


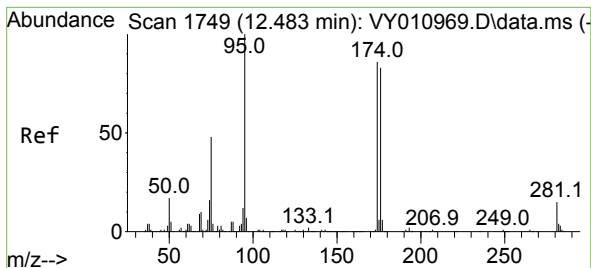
Tgt Ion:117 Resp: 33547
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.566 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

Tgt Ion: 98 Resp: 640993
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

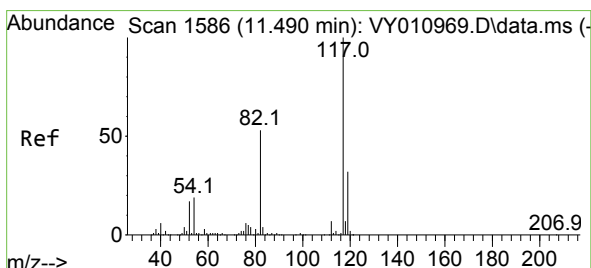
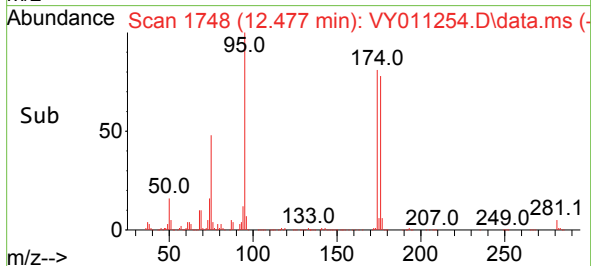
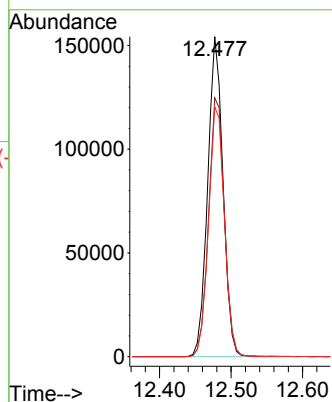
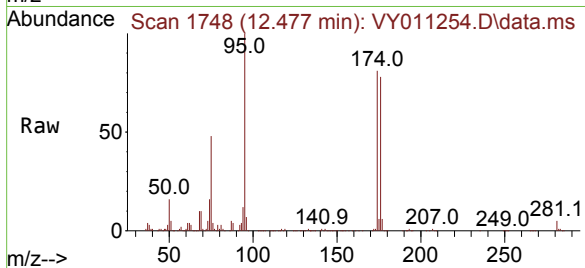




#62
4-Bromofluorobenzene
Concen: 45.927 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

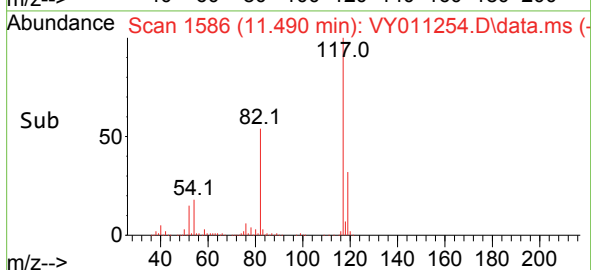
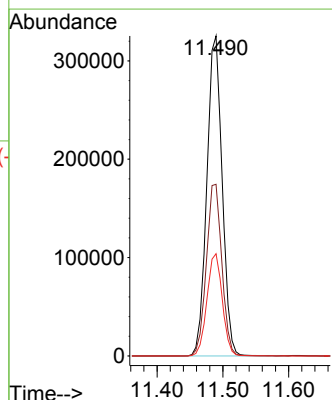
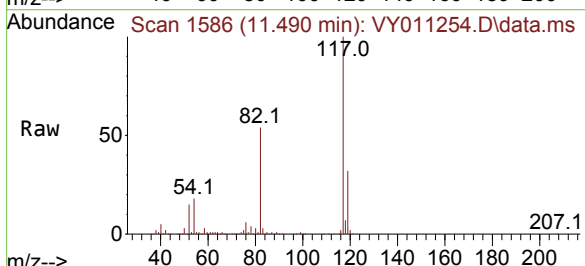
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

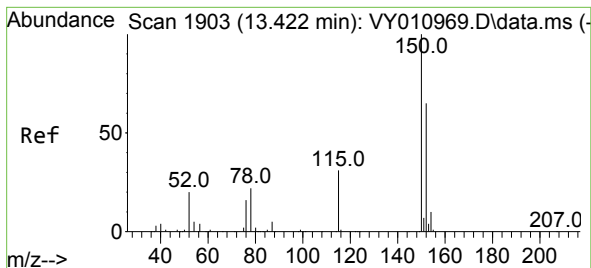
Tgt Ion: 95 Resp: 229324
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

Tgt Ion: 117 Resp: 527019
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.0 25.4 38.0

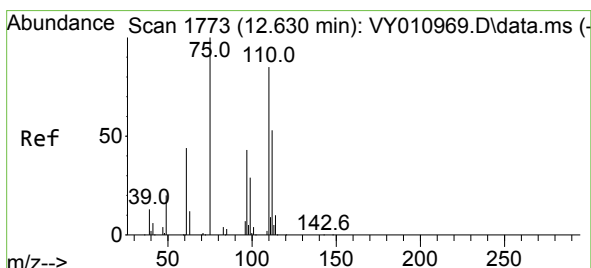
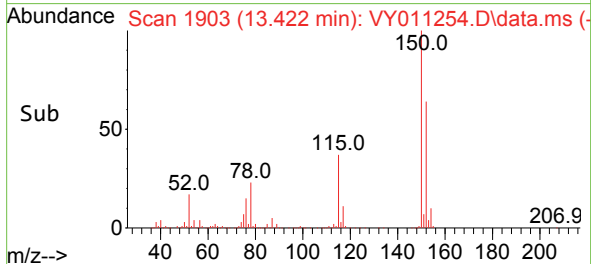
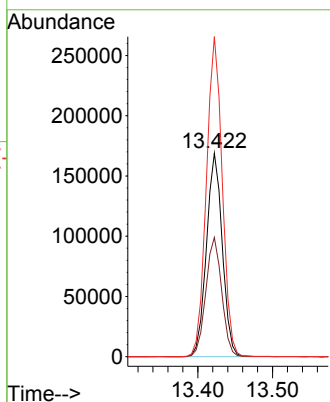
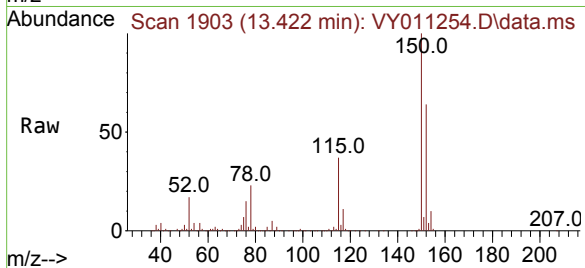




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011254.D
 Acq: 02 Nov 2022 12:03

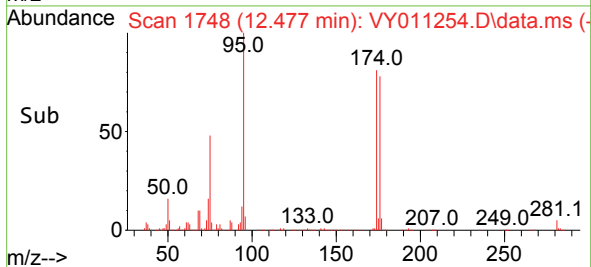
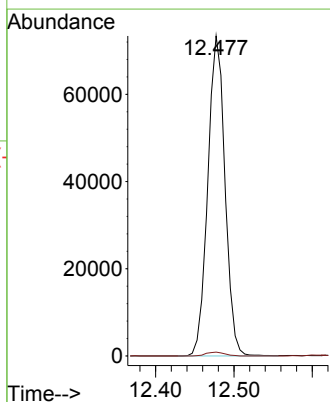
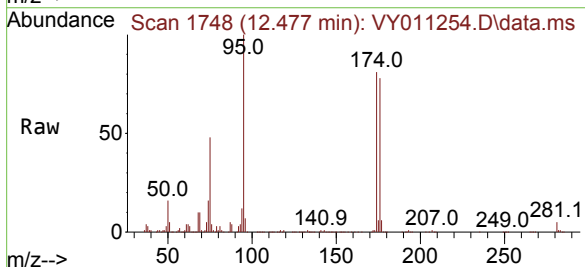
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-14.5-15.0

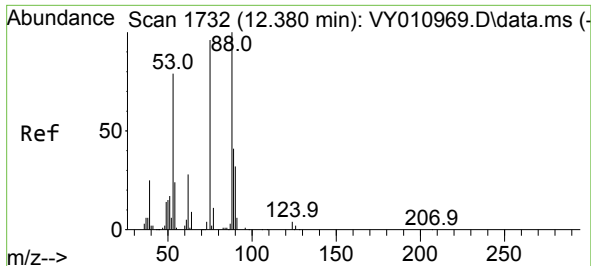
Tgt Ion:152 Resp: 248843
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.2 84.7
 150 157.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 36.943 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011254.D
 Acq: 02 Nov 2022 12:03

Tgt Ion: 75 Resp: 111916
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

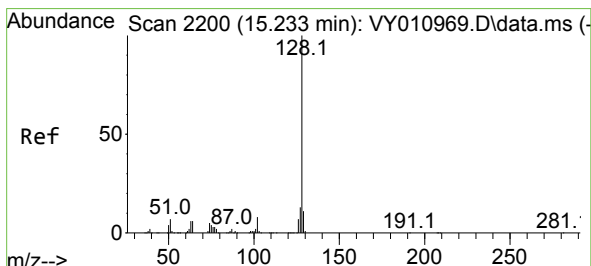
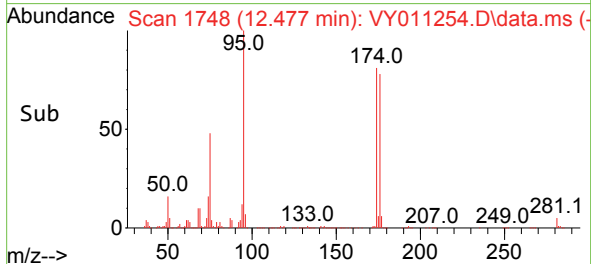
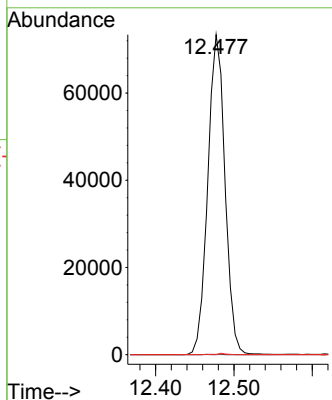
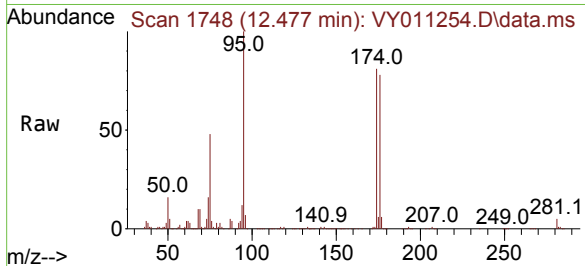




#81
trans-1,4-Dichloro-2-butene
Concen: 79.062 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-14.5-15.0

Tgt Ion: 75 Resp: 111916
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 4.083 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011254.D
Acq: 02 Nov 2022 12:03

Tgt Ion: 128 Resp: 1373
Ion Ratio Lower Upper
128 100
127 12.3 11.0 16.4
129 8.5 8.4 12.6

