

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010647.D
 Acq On : 23 Sep 2022 14:36
 Operator : KP/MD
 Sample : N4742-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-8.5-9.0

Quant Time: Sep 24 01:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

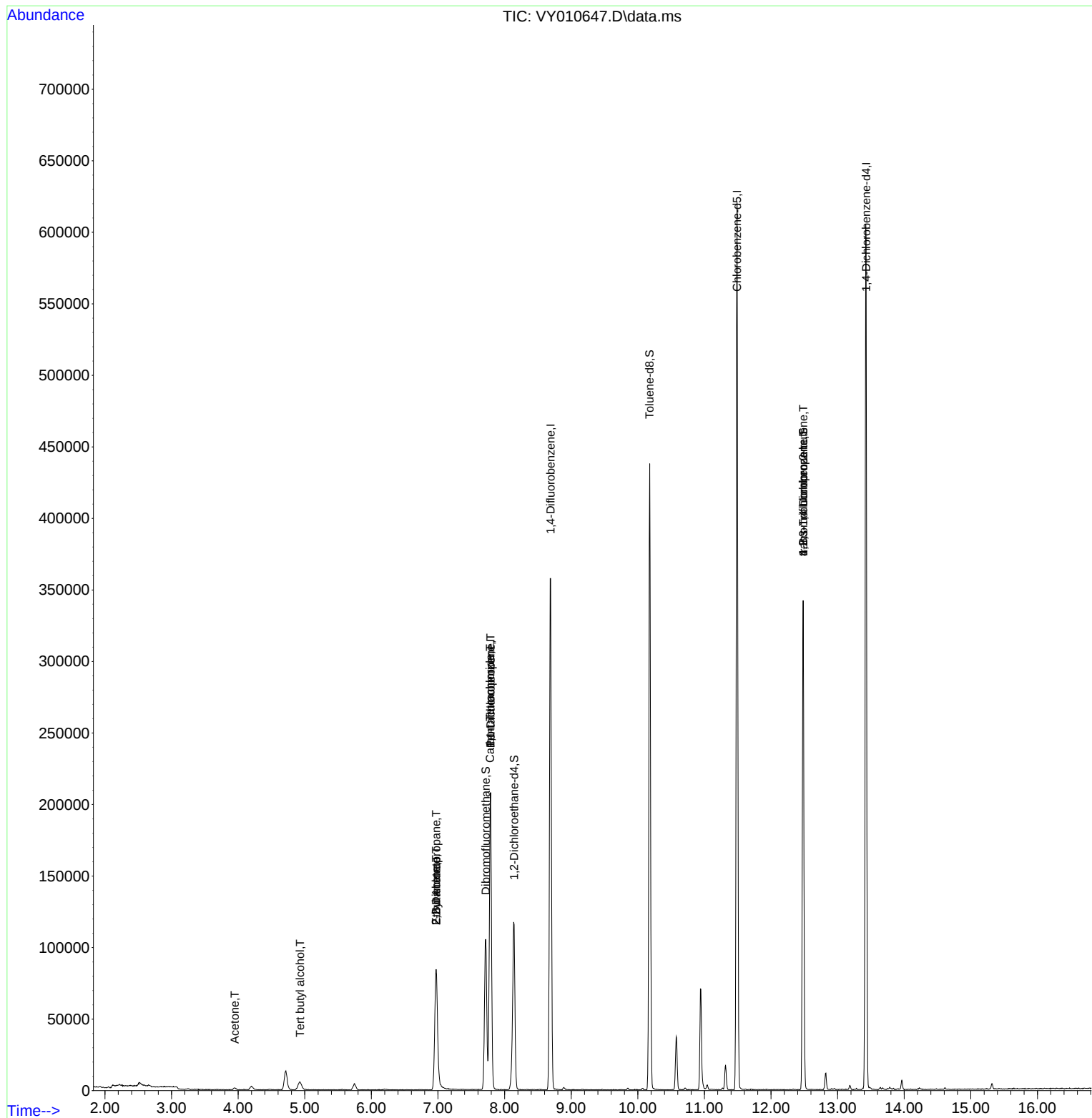
Internal Standards						
1) Pentafluorobenzene	7.789	168	159953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86618	56.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.716	113	75398	38.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.100%
50) Toluene-d8	10.179	98	282382	39.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.560%
62) 4-Bromofluorobenzene	12.483	95	95170	34.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19	Below Cal	#	43
3) Chloromethane	2.107	50	289	Below Cal		98
4) Vinyl Chloride	2.375	62	20	Below Cal	#	43
5) Bromomethane	2.674	94	228	Below Cal	#	76
11) Tert butyl alcohol	4.930	59	6228	35.933	ug/l #	79
16) Acetone	3.948	43	2228	7.141	ug/l	94
18) Methyl Acetate	4.460	43	634	Below Cal		99
20) Methylene Chloride	4.716	84	10049	Below Cal	#	86
25) 2-Butanone	6.972	43	4325	8.863	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	6318	2.723	ug/l #	55
31) Cyclohexane	7.783	56	3218	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	13050	5.911	ug/l #	51
37) Ethyl Acetate	6.972	43	4325	3.392	ug/l #	1
38) Carbon Tetrachloride	7.783	117	16097	6.342	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	50102	33.753	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50102	75.047	ug/l #	7

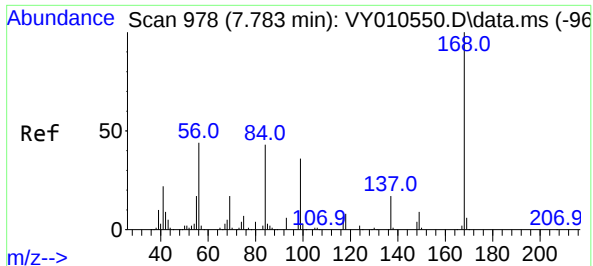
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
Data File : VY010647.D
Acq On : 23 Sep 2022 14:36
Operator : KP/MD
Sample : N4742-05
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

Quant Time: Sep 24 01:21:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 01:02:44 2022
Response via : Initial Calibration

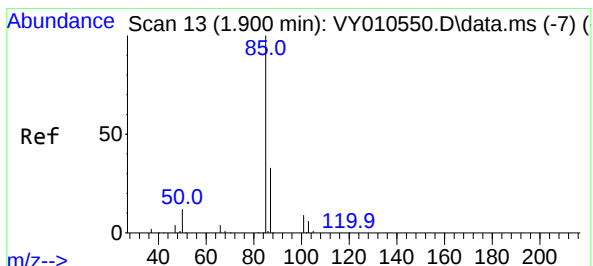
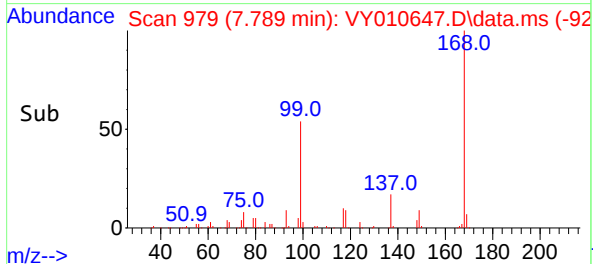
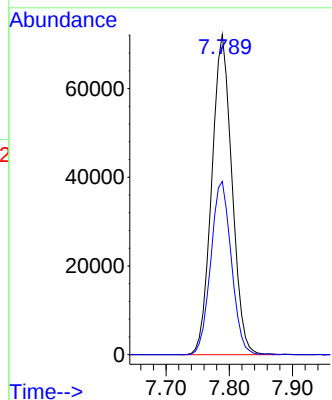
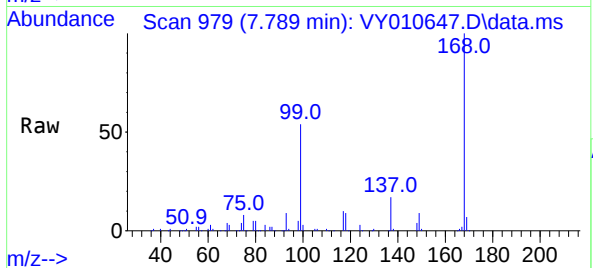




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

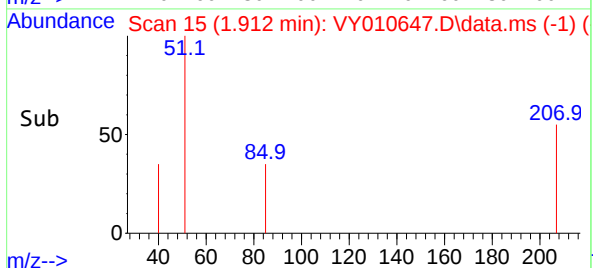
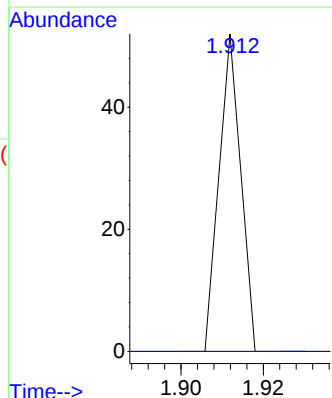
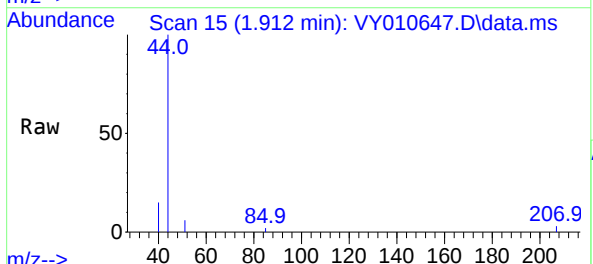
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

Tgt Ion:168 Resp: 159953
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3

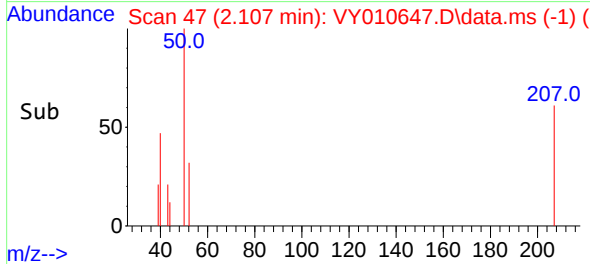
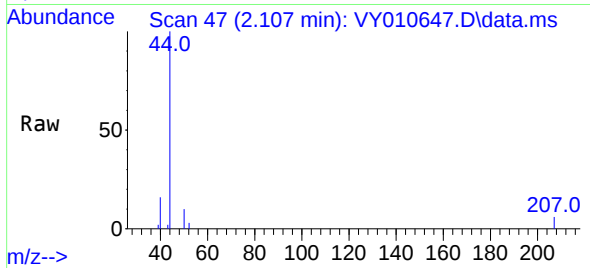
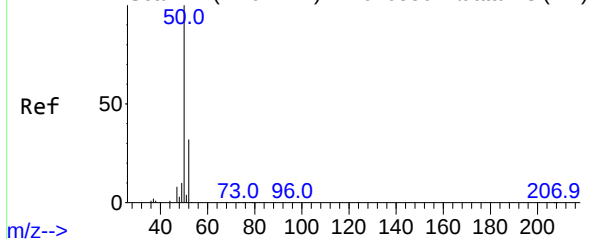


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 47 (2.107 min): VY010550.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY010647.D

Acq: 23 Sep 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

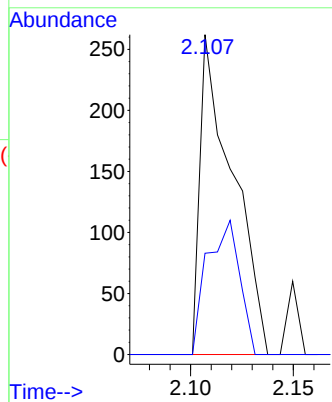
SB-05-8.5-9.0

Tgt Ion: 50 Resp: 289

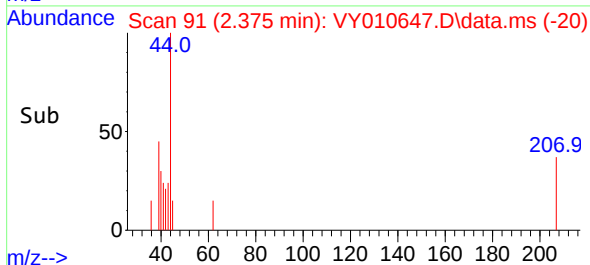
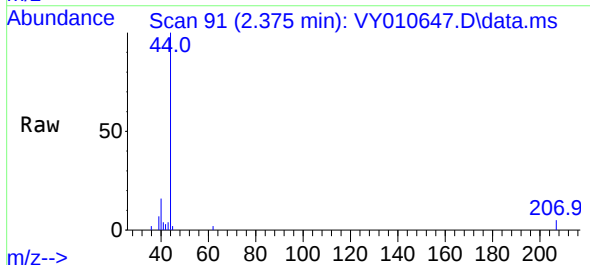
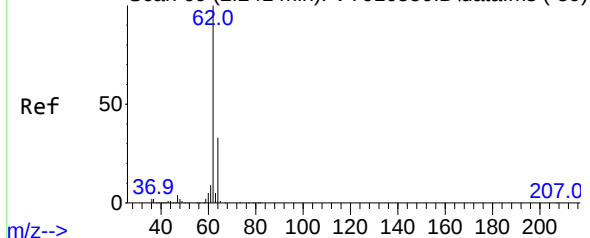
Ion Ratio Lower Upper

50 100

52 31.7 24.6 37.0



Abundance Scan 69 (2.241 min): VY010550.D\data.ms (-59)



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.375 min Scan# 91

Delta R.T. 0.134 min

Lab File: VY010647.D

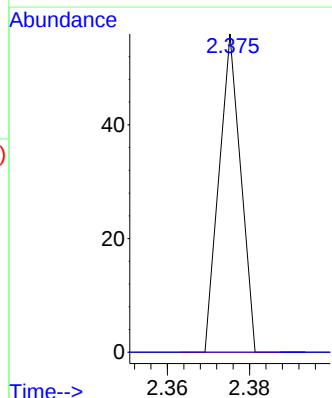
Acq: 23 Sep 2022 14:36

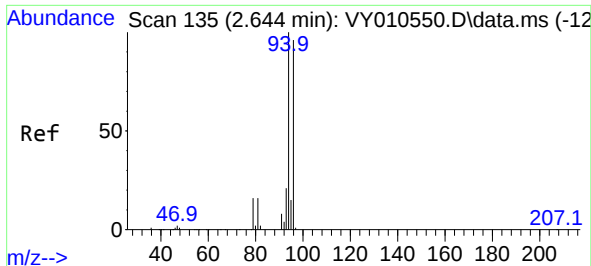
Tgt Ion: 62 Resp: 20

Ion Ratio Lower Upper

62 100

64 0.0 25.0 37.6#

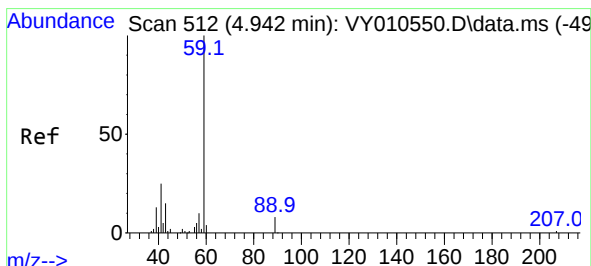
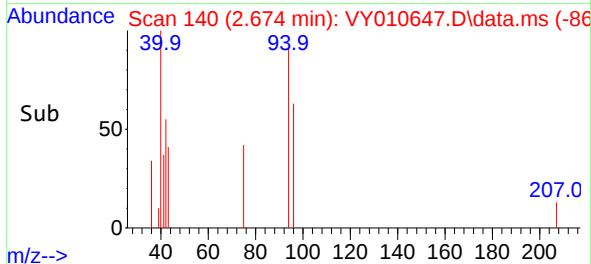
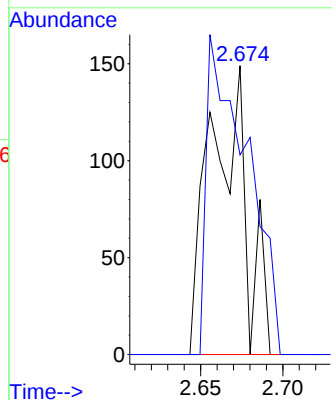
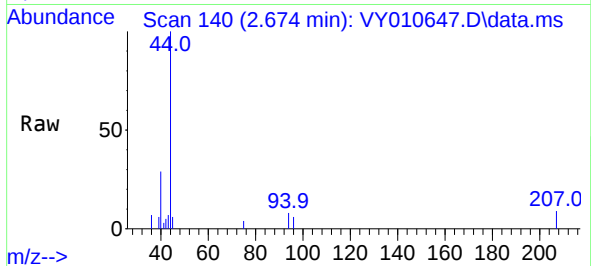




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.030 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

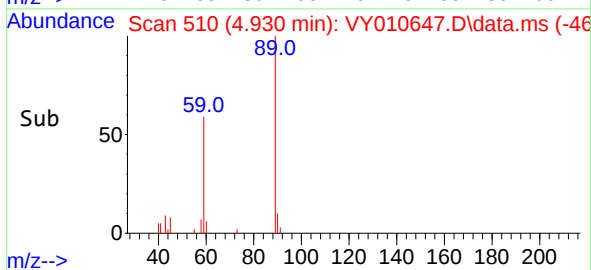
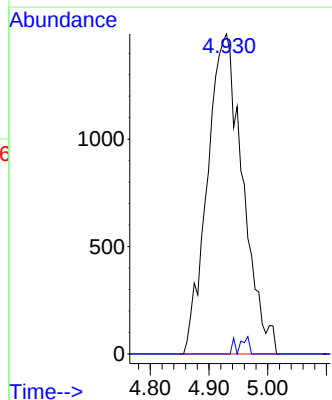
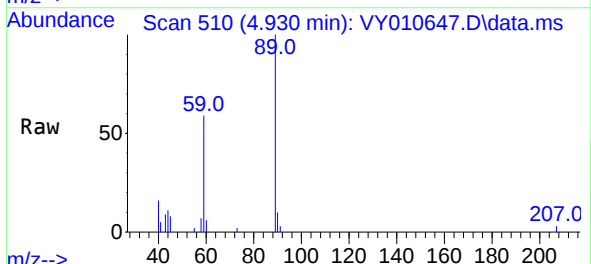
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

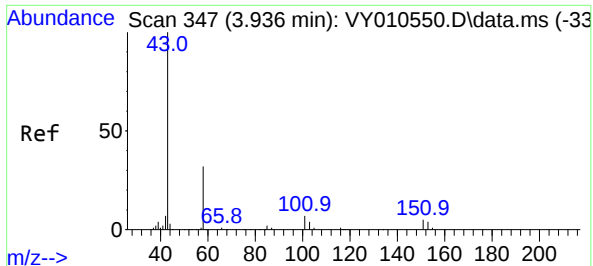
Tgt Ion: 94 Resp: 228
Ion Ratio Lower Upper
94 100
96 69.1 73.5 110.3#



#11
Tert butyl alcohol
Concen: 35.933 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 59 Resp: 6228
Ion Ratio Lower Upper
59 100
57 0.4 6.4 9.6#

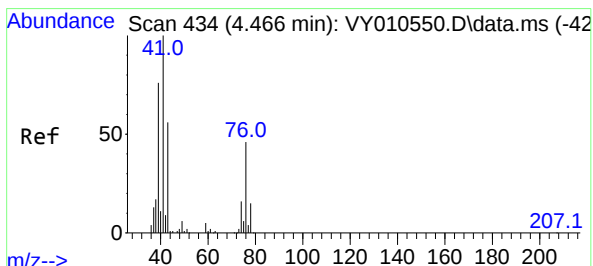
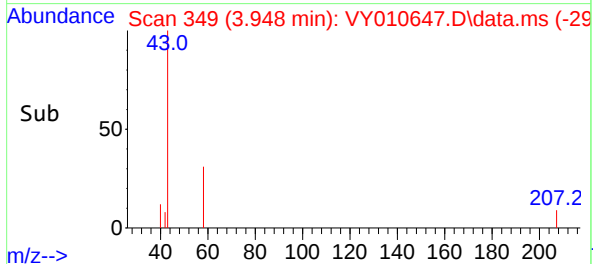
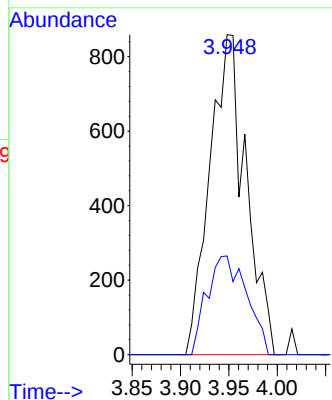
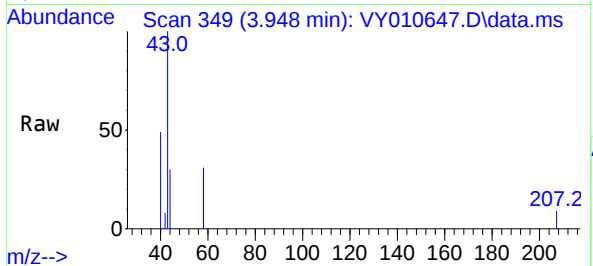




#16
Acetone
Concen: 7.141 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

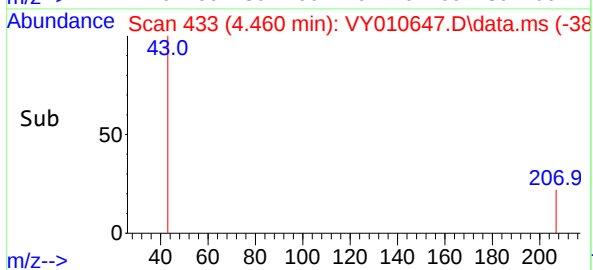
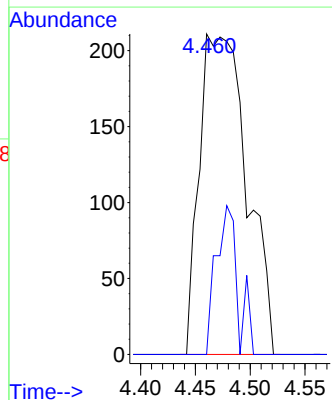
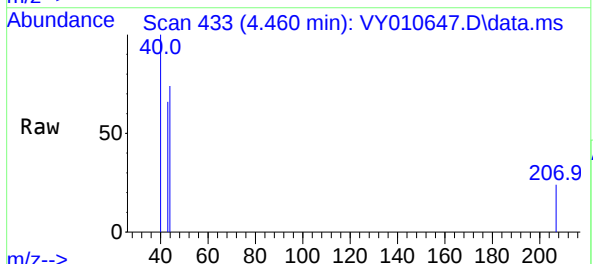
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

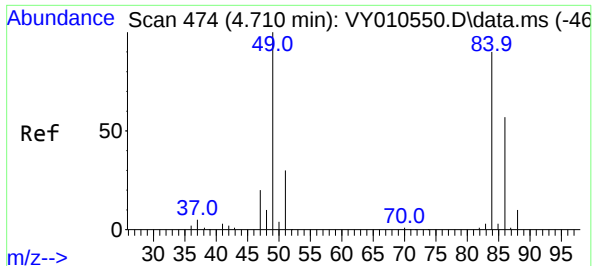
Tgt Ion: 43 Resp: 2228
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
74 21.3 16.6 24.8

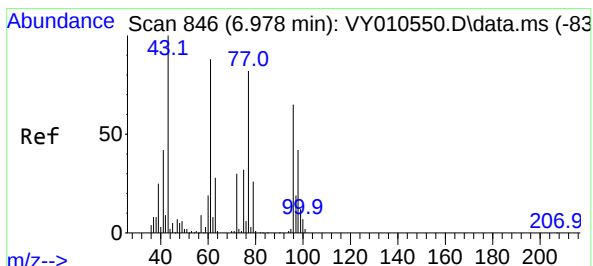
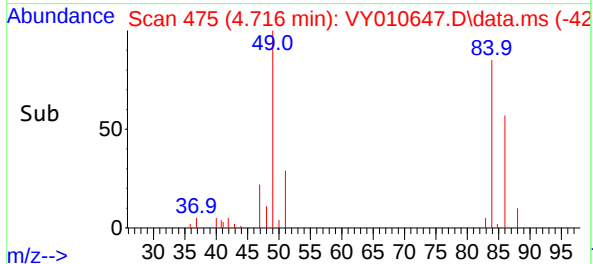
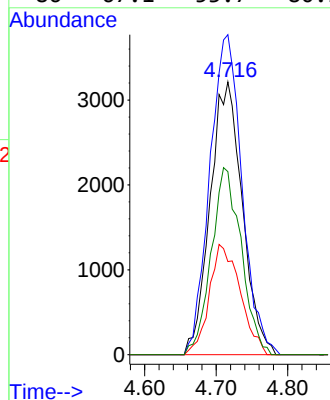
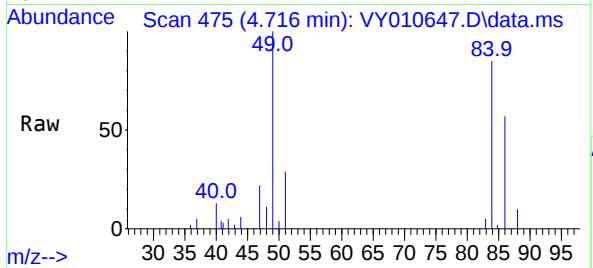




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

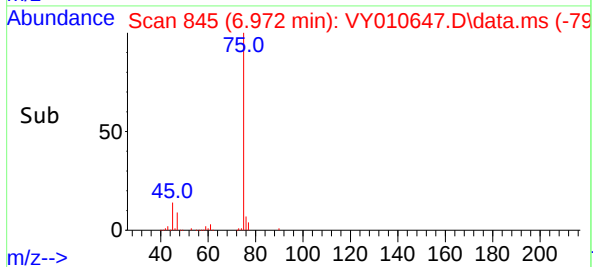
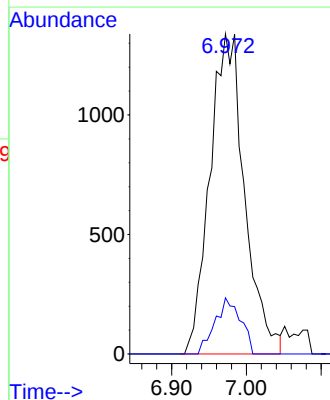
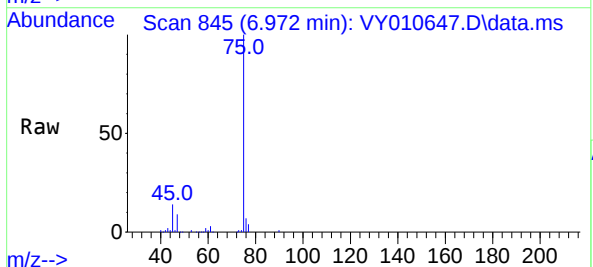
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

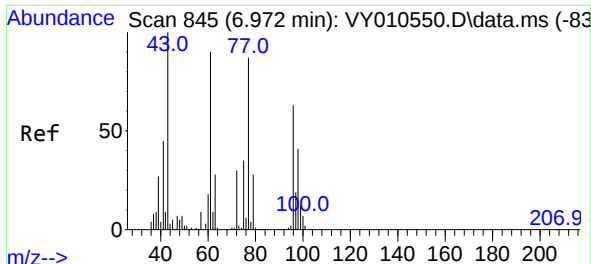
Tgt Ion: 84 Resp: 10049
Ion Ratio Lower Upper
84 100
49 117.3 114.4 171.6
51 34.1 35.3 52.9#
86 67.1 53.7 80.5



#25
2-Butanone
Concen: 8.863 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 43 Resp: 4325
Ion Ratio Lower Upper
43 100
72 17.6 17.7 26.5#

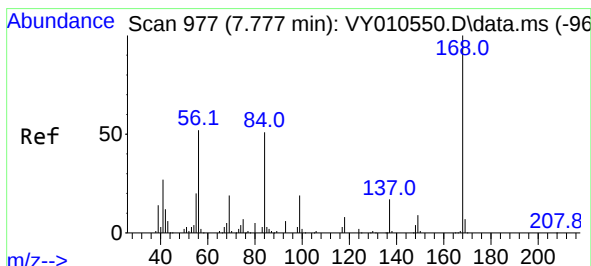
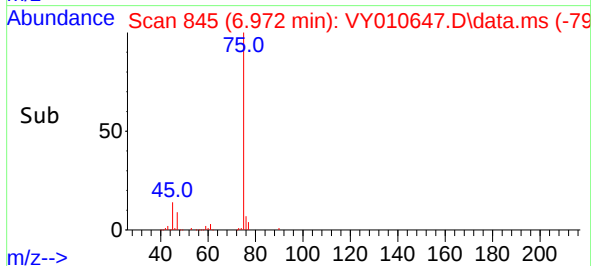
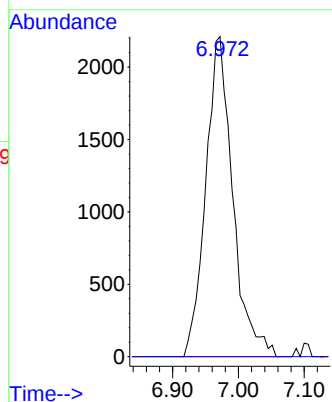
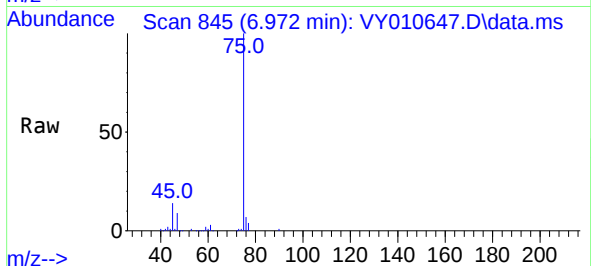




#26
2,2-Dichloropropane
Concen: 2.723 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

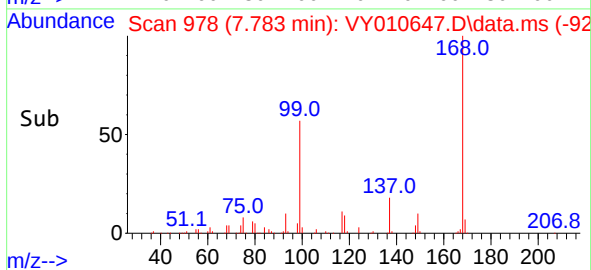
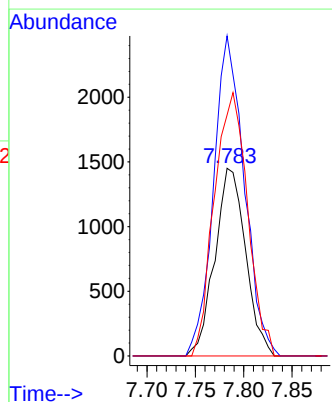
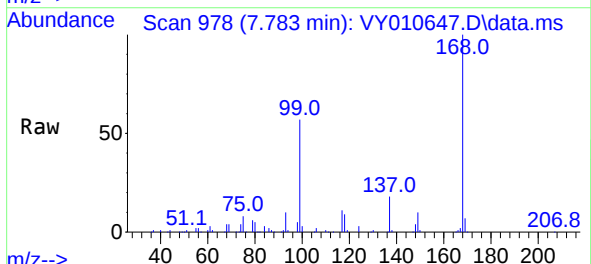
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

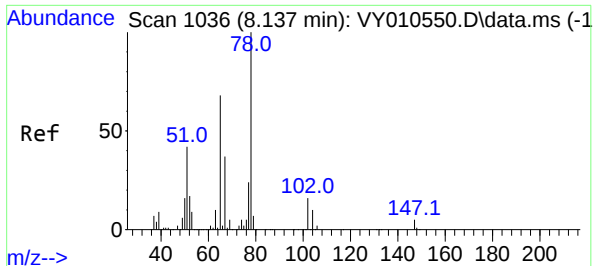
Tgt Ion: 77 Resp: 6318
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 56 Resp: 3218
Ion Ratio Lower Upper
56 100
69 170.5 26.7 40.1#
84 128.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.616 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VY010647.D

Acq: 23 Sep 2022 14:36

Instrument :

MSVOA_Y

ClientSampleId :

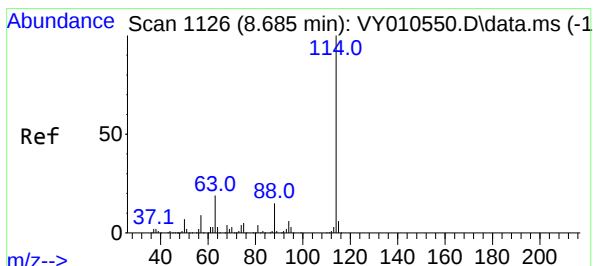
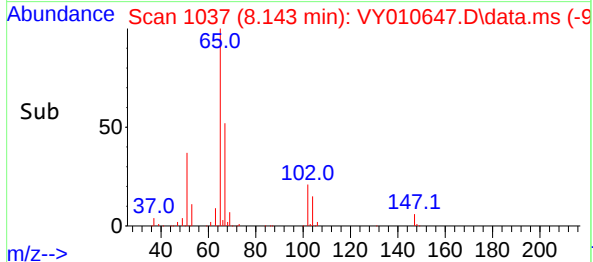
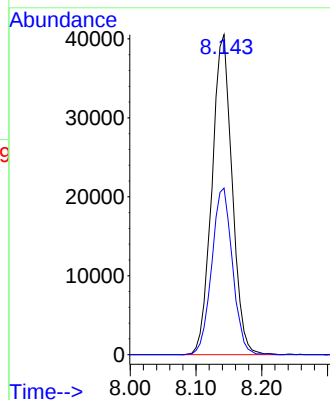
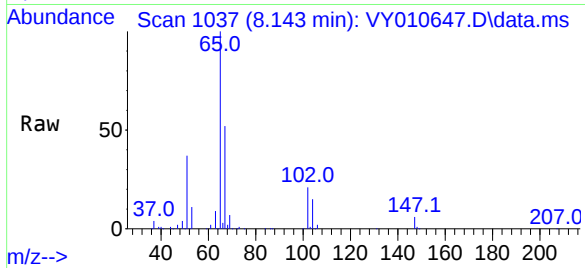
SB-05-8.5-9.0

Tgt Ion: 65 Resp: 86618

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010647.D

Acq: 23 Sep 2022 14:36

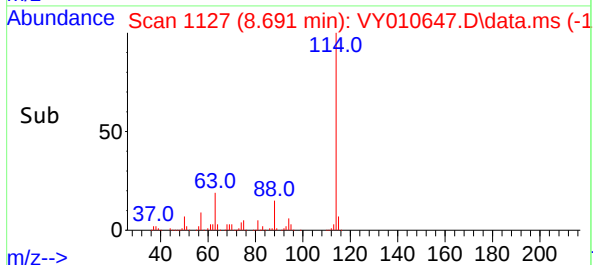
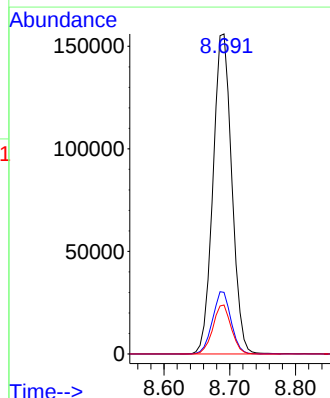
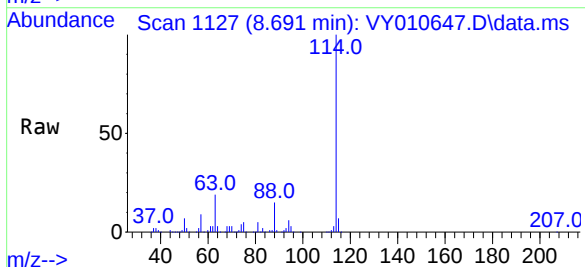
Tgt Ion: 114 Resp: 310453

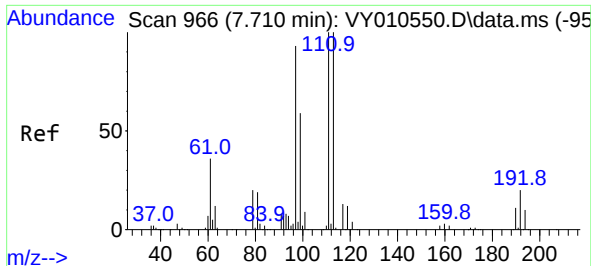
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.3 0.0 31.8

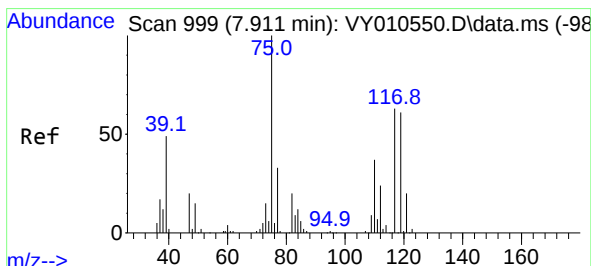
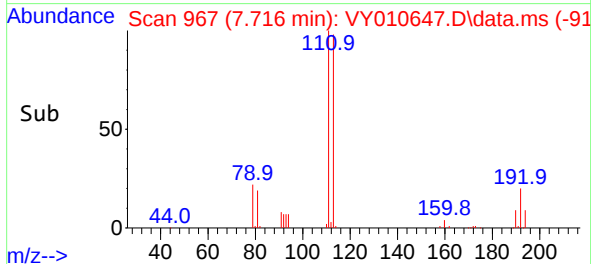
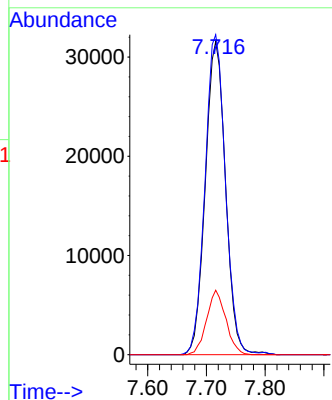
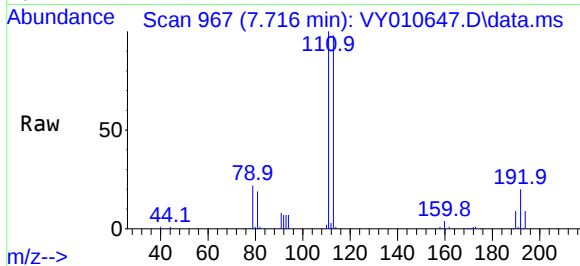




#35
Dibromofluoromethane
Concen: 38.055 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

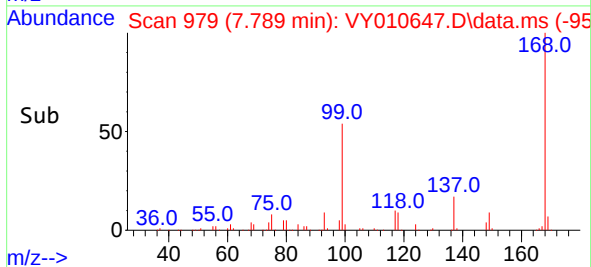
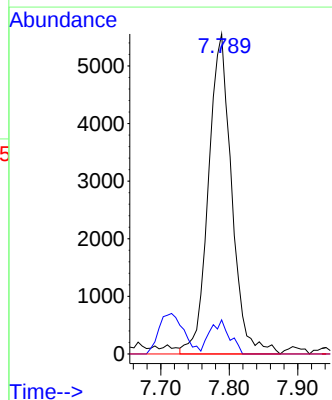
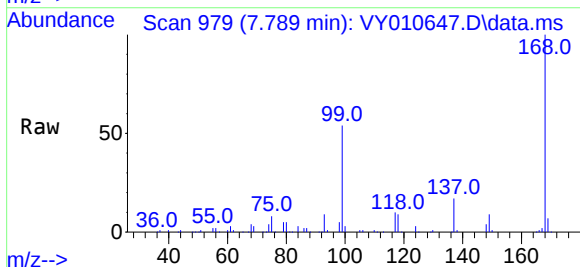
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

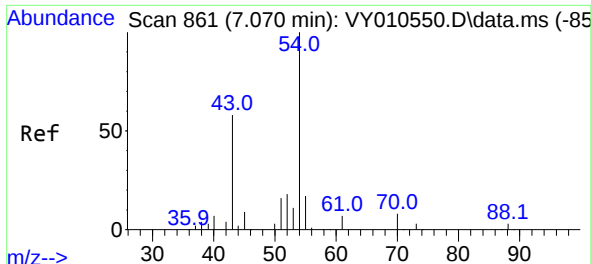
Tgt Ion:113 Resp: 75398
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.911 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 75 Resp: 13050
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

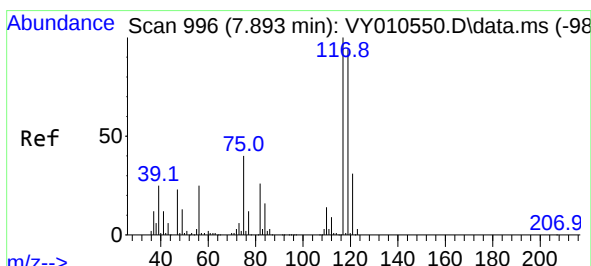
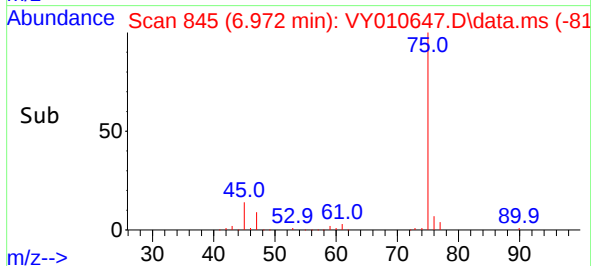
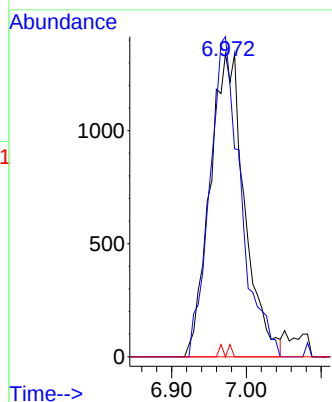
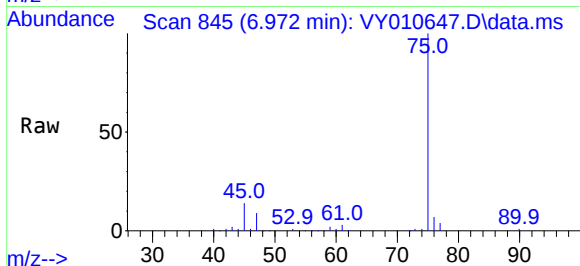




#37
Ethyl Acetate
Concen: 3.392 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.098 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

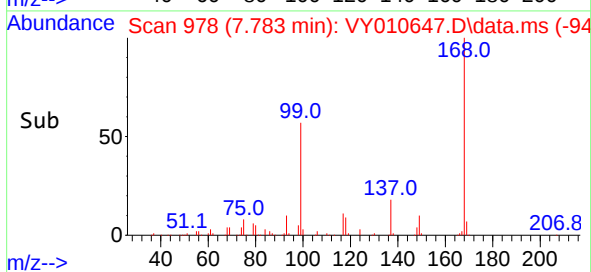
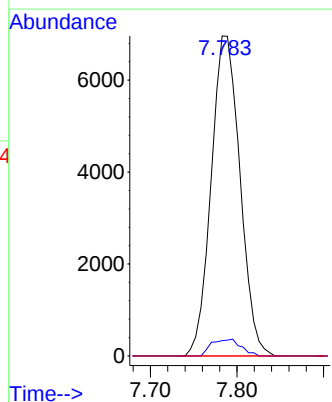
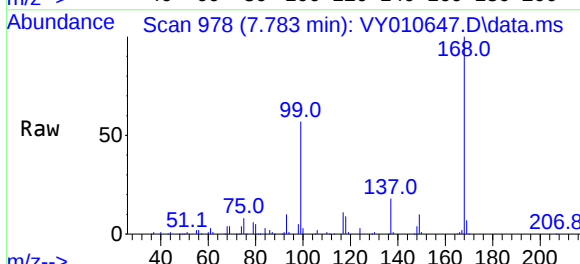
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

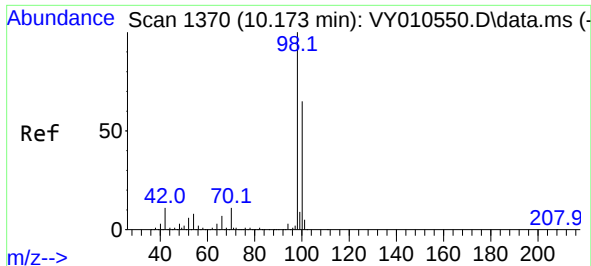
Tgt Ion: 43	Resp: 4325		
Ion Ratio	Lower	Upper	
43 100			
61 94.5	9.7	14.5#	
70 0.9	7.1	10.7#	



#38
Carbon Tetrachloride
Concen: 6.342 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion:117	Resp:	16097	
Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.9	116.9#
121	0.0	24.8	37.2#

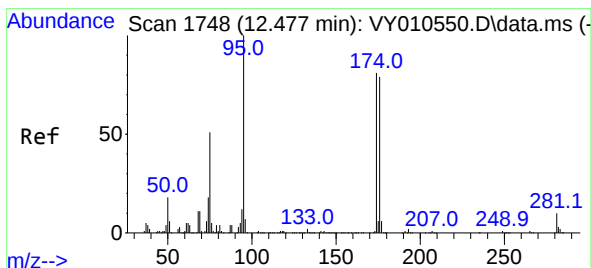
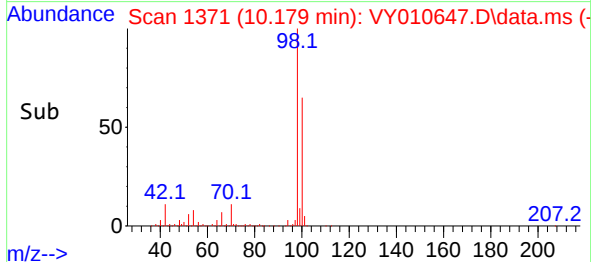
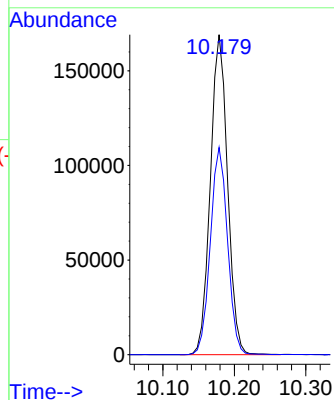
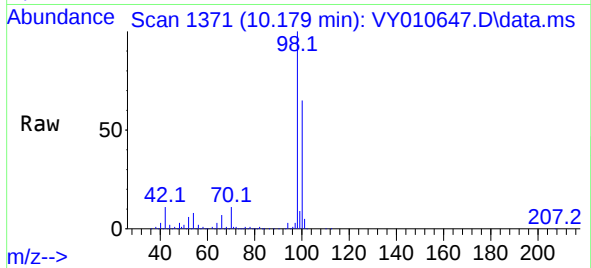




#50
Toluene-d8
Concen: 39.278 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

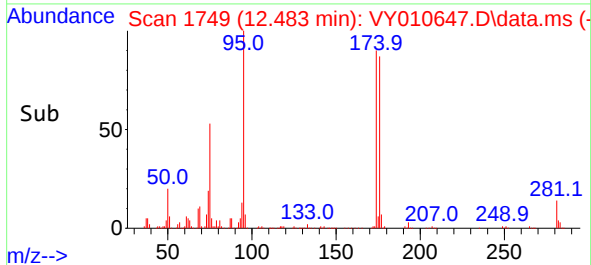
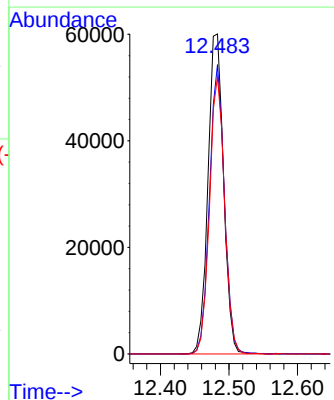
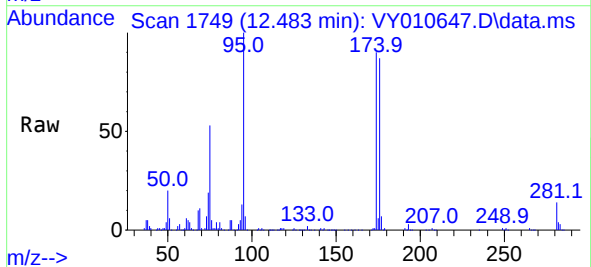
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

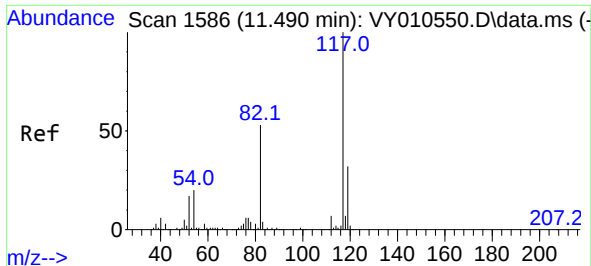
Tgt Ion: 98 Resp: 282382
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 95 Resp: 95170
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 83.3 0.0 175.8

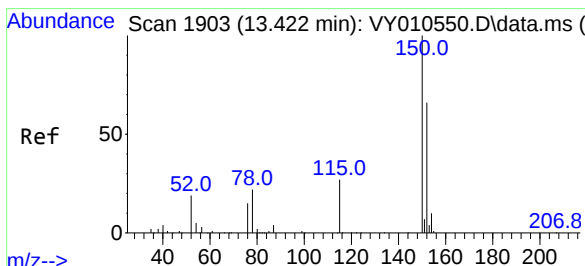
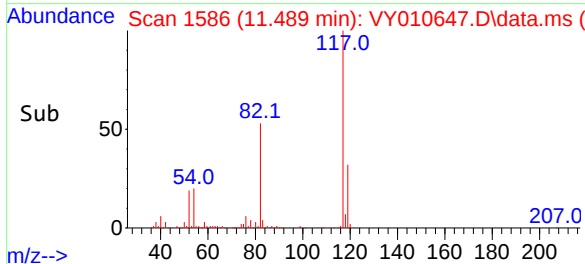
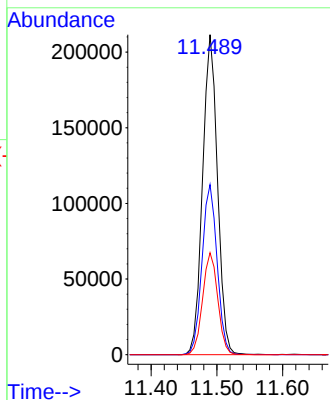
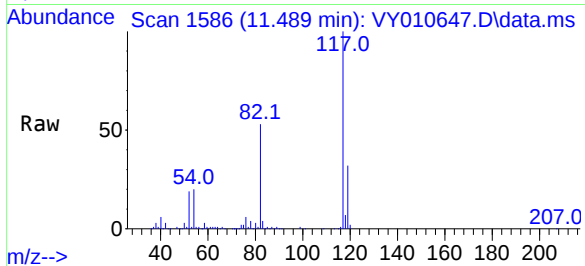




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

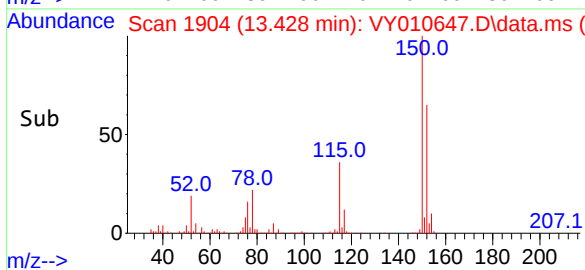
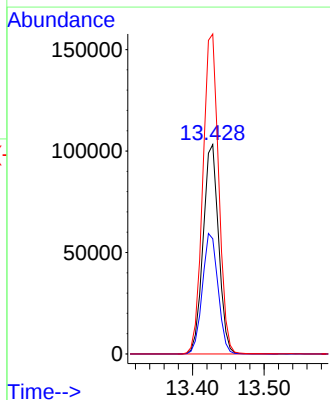
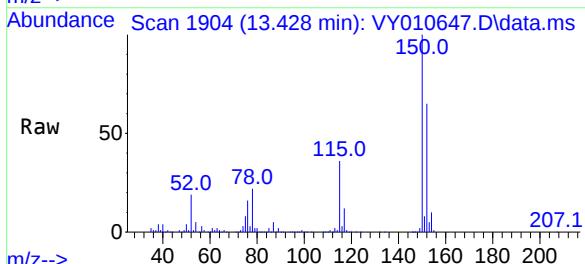
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

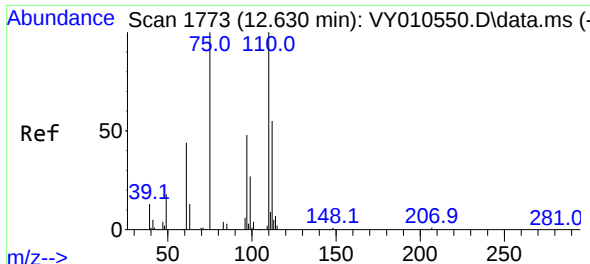
Tgt Ion:117 Resp: 333551
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion:152 Resp: 155525
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.2 0.0 347.6

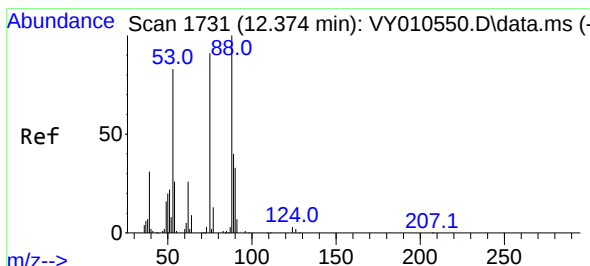
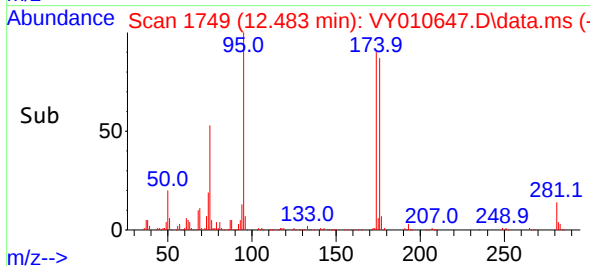
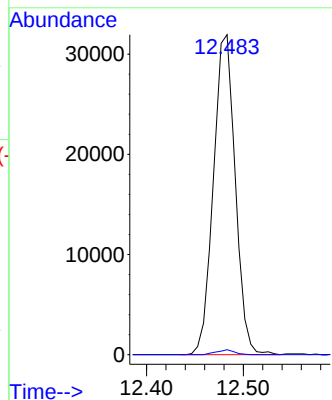
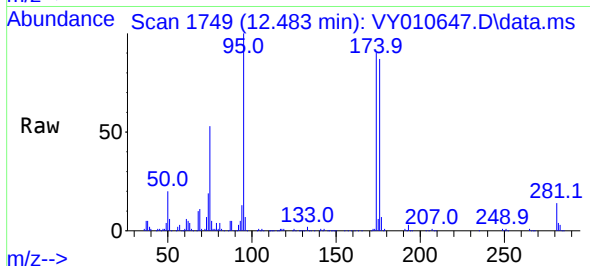




#76
1,2,3-Trichloropropane
Concen: 33.753 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-8.5-9.0

Tgt Ion: 75 Resp: 50102
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.047 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY010647.D
Acq: 23 Sep 2022 14:36

Tgt Ion: 75 Resp: 50102
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

