

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010633.D
 Acq On : 22 Sep 2022 19:23
 Operator : KP/MD
 Sample : N4723-11RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-8.5-9.0

Quant Time: Sep 23 09:05:01 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)

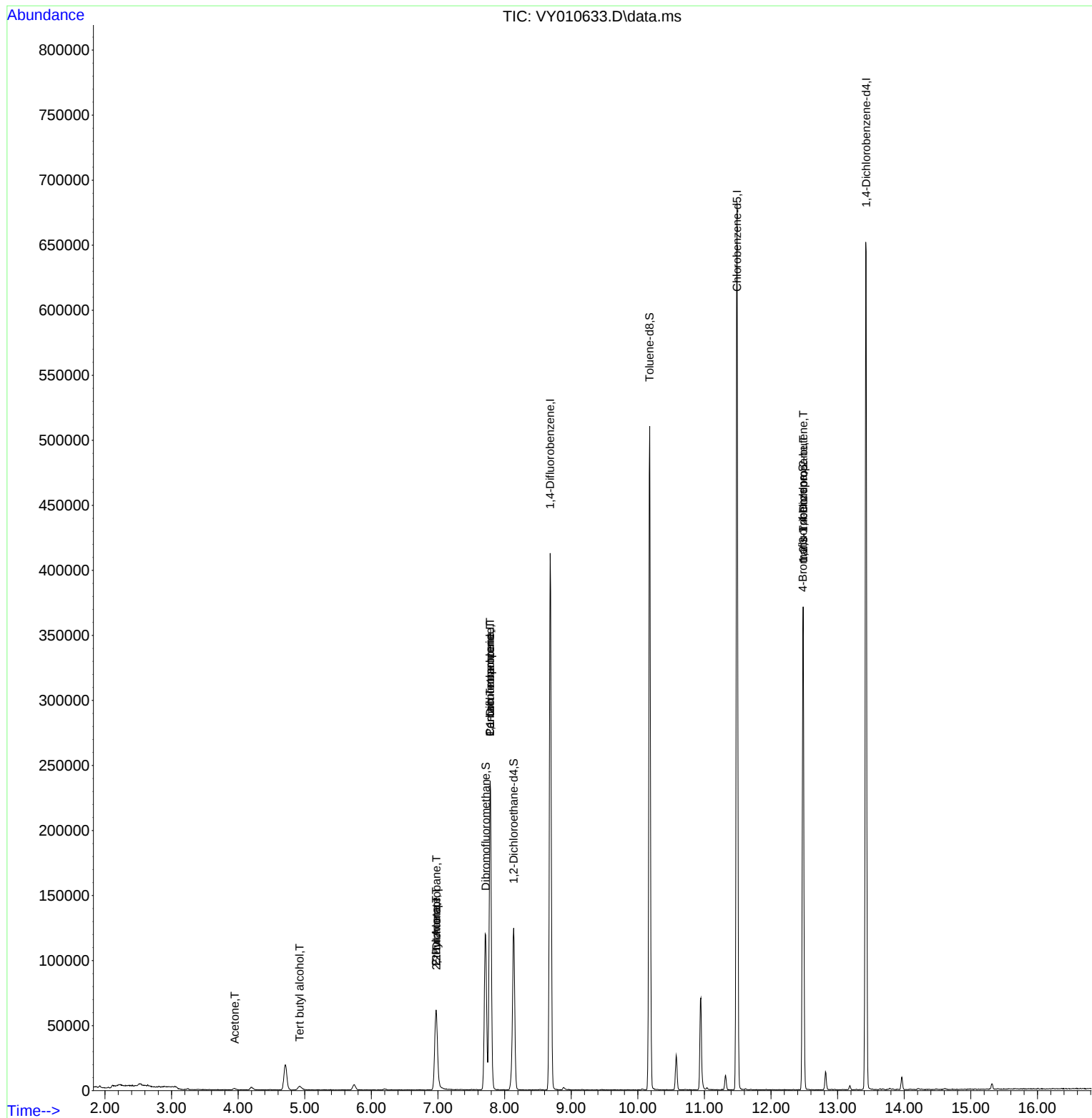
Internal Standards						
1) Pentafluorobenzene	7.783	168	182267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91791	52.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.300%	
35) Dibromofluoromethane	7.716	113	86823	38.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.780%	
50) Toluene-d8	10.179	98	328134	39.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 79.860%	
62) 4-Bromofluorobenzene	12.477	95	105890	33.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 66.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	124	Below Cal	#	43
3) Chloromethane	2.107	50	439	Below Cal	#	74
4) Vinyl Chloride	2.326	62	19	Below Cal	#	43
5) Bromomethane	2.656	94	218	Below Cal		84
11) Tert butyl alcohol	4.923	59	3595	12.436	ug/l #	77
16) Acetone	3.948	43	1961	5.516	ug/l	96
17) Carbon Disulfide	4.180	76	22	Below Cal	#	75
18) Methyl Acetate	4.448	43	170	Below Cal	#	56
20) Methylene Chloride	4.710	84	14954	Below Cal		86
25) 2-Butanone	6.972	43	2988	5.373	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	4912	1.858	ug/l #	55
31) Cyclohexane	7.777	56	3882	Below Cal	#	4
36) 1,1-Dichloropropene	7.783	75	15070	5.981	ug/l #	50
37) Ethyl Acetate	6.972	43	2988	2.053	ug/l #	1
38) Carbon Tetrachloride	7.783	117	18306	6.318	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	56538	35.189	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56538	78.241	ug/l #	7

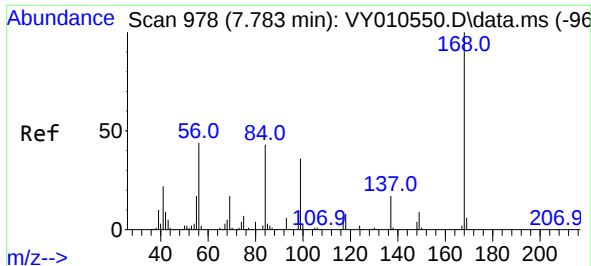
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
Data File : VY010633.D
Acq On : 22 Sep 2022 19:23
Operator : KP/MD
Sample : N4723-11RE
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

Quant Time: Sep 23 09:05:01 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

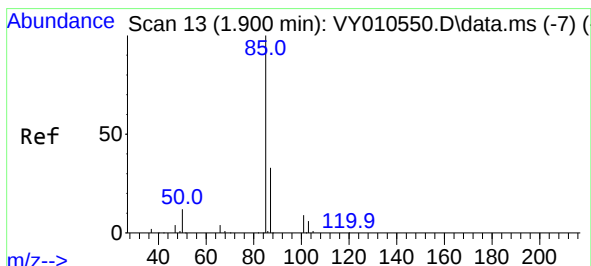
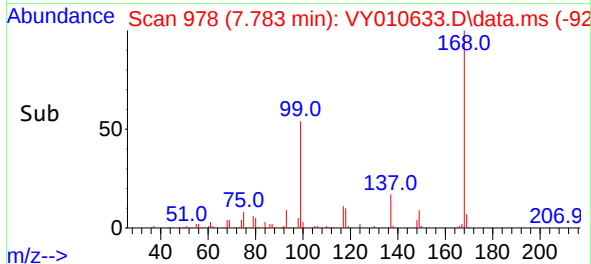
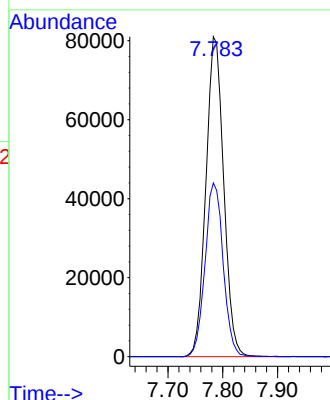
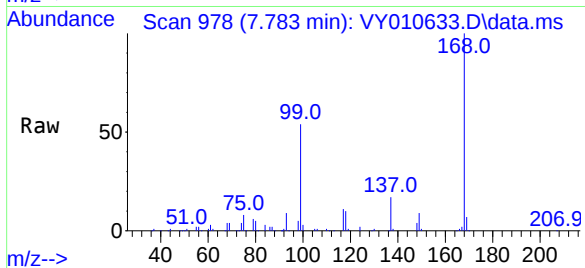




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

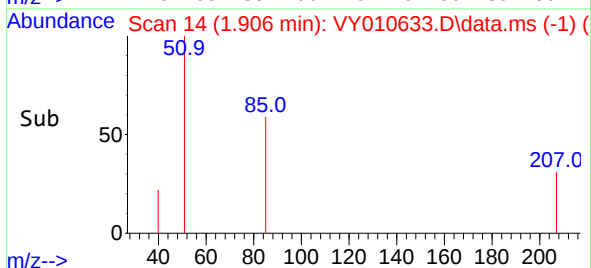
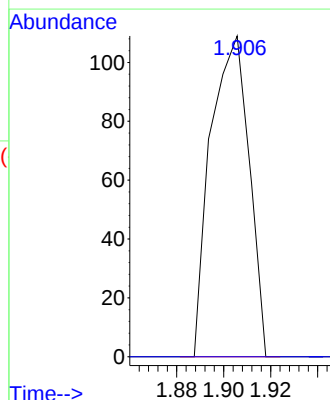
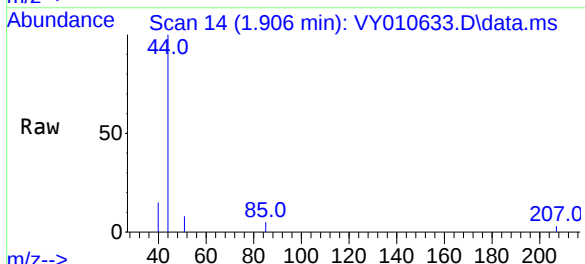
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

Tgt Ion:168 Resp: 182267
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3

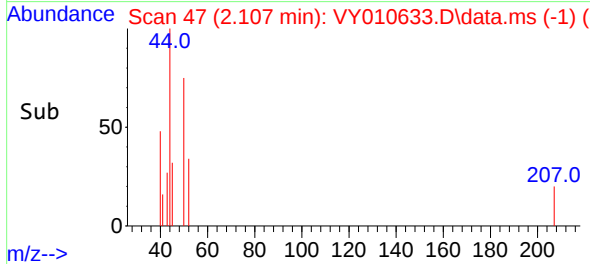
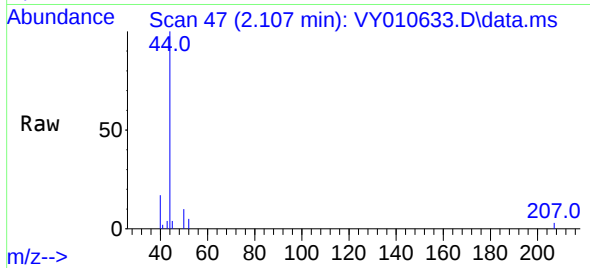
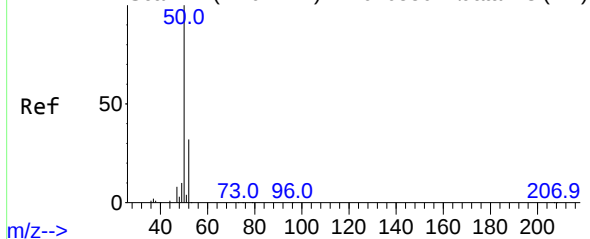


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 85 Resp: 124
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: VY010633.D

Acq: 22 Sep 2022 19:23

Instrument :

MSVOA_Y

ClientSampleId :

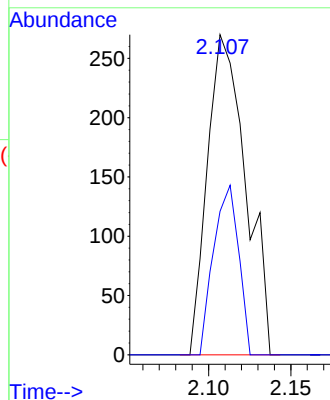
SB-11-8.5-9.0

Tgt Ion: 50 Resp: 439

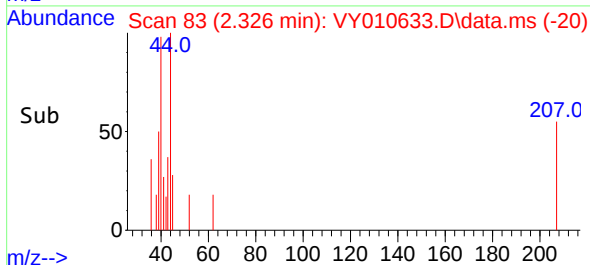
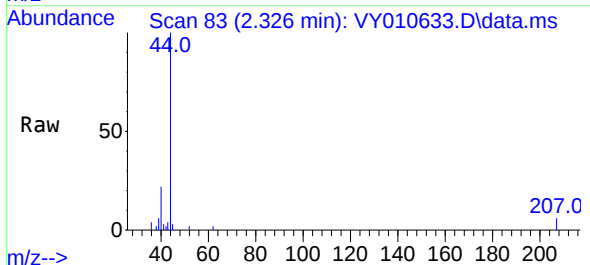
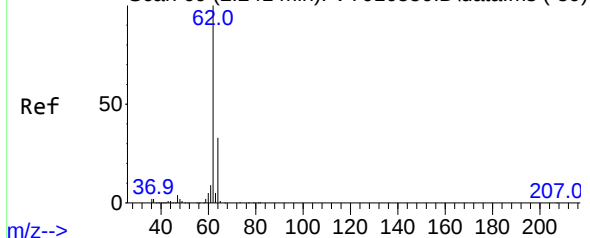
Ion Ratio Lower Upper

50 100

52 44.8 24.6 37.0#



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



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.326 min Scan# 83

Delta R.T. 0.085 min

Lab File: VY010633.D

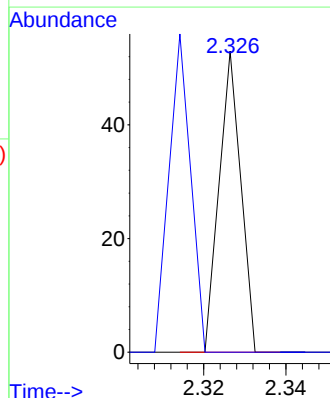
Acq: 22 Sep 2022 19:23

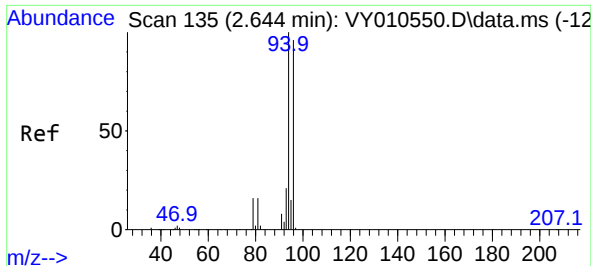
Tgt Ion: 62 Resp: 19

Ion Ratio Lower Upper

62 100

64 0.0 25.0 37.6#

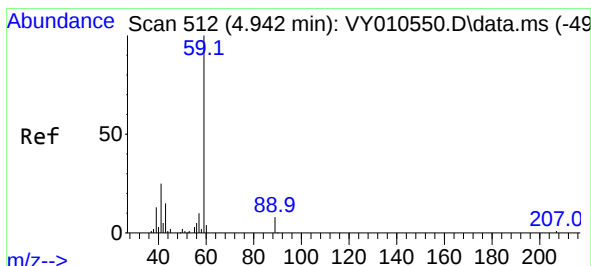
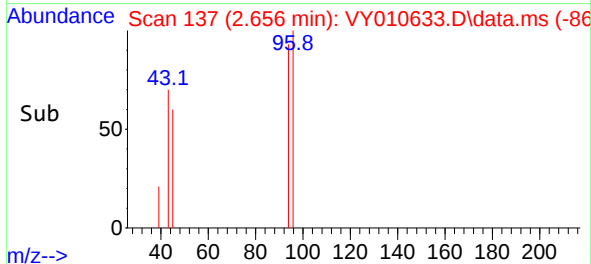
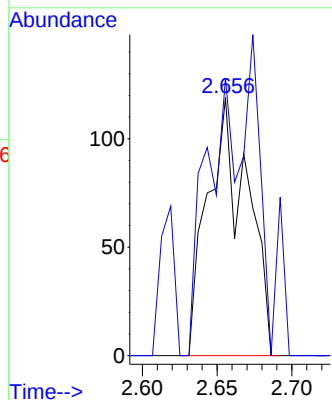
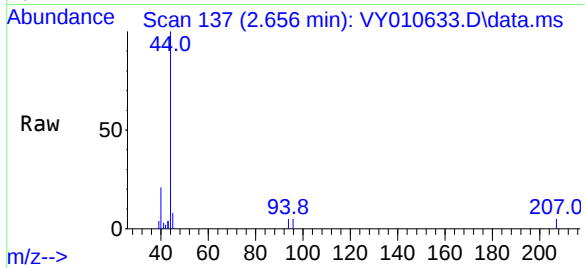




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

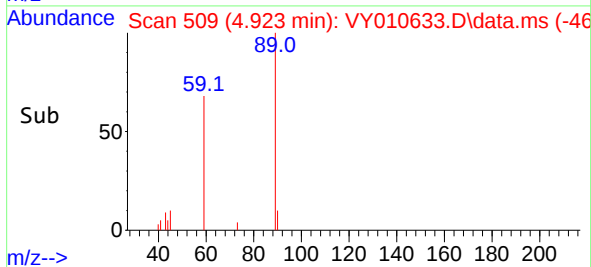
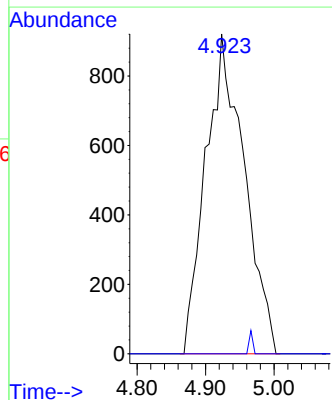
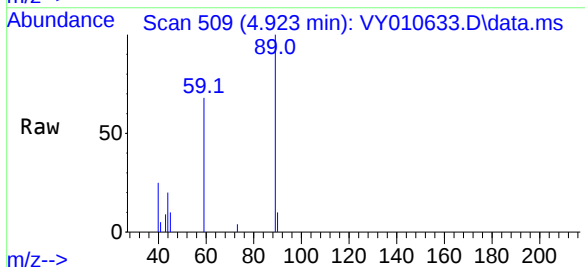
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

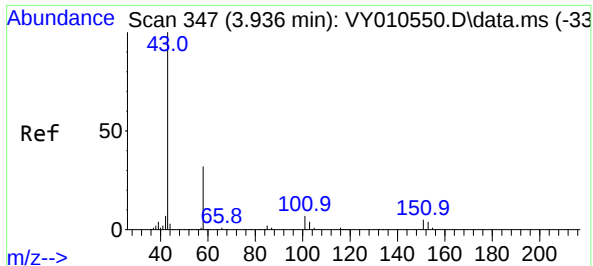
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 107.6 73.5 110.3



#11
Tert butyl alcohol
Concen: 12.436 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 59 Resp: 3595
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

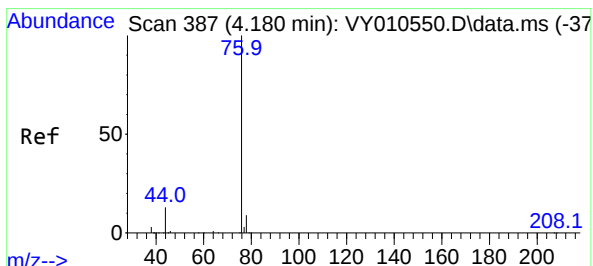
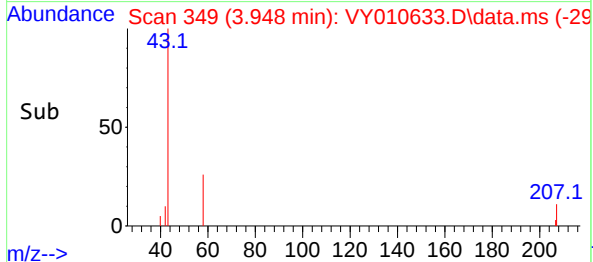
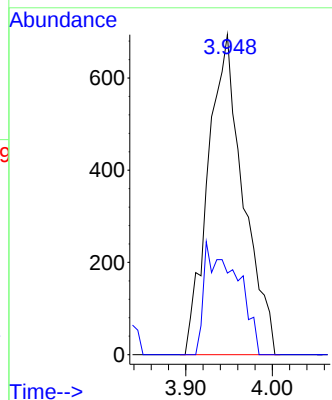
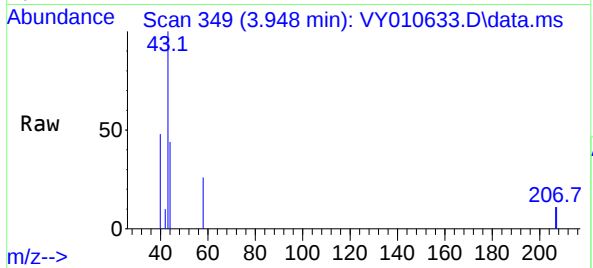




#16
Acetone
Concen: 5.516 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

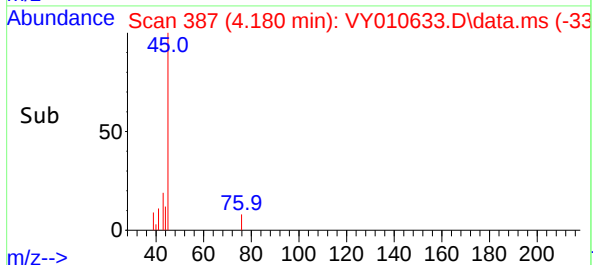
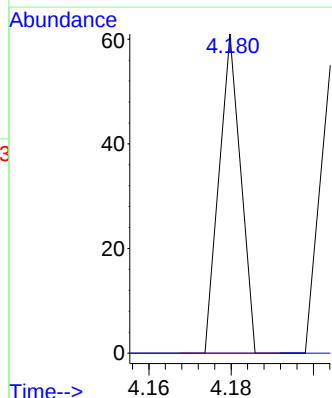
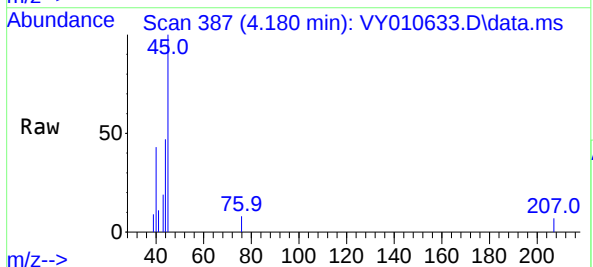
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

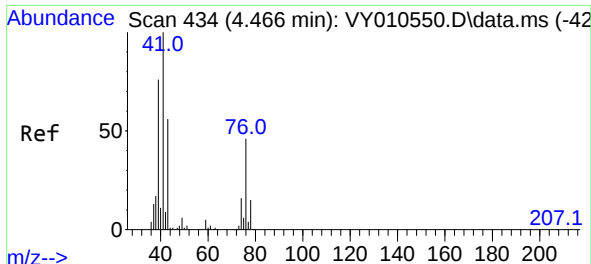
Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
58 25.5 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

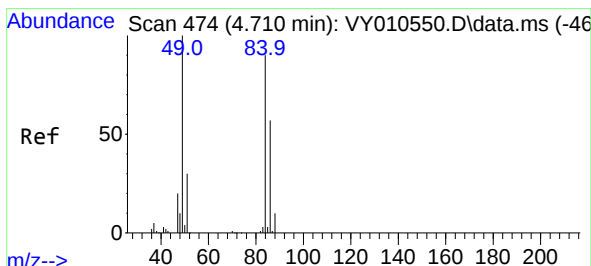
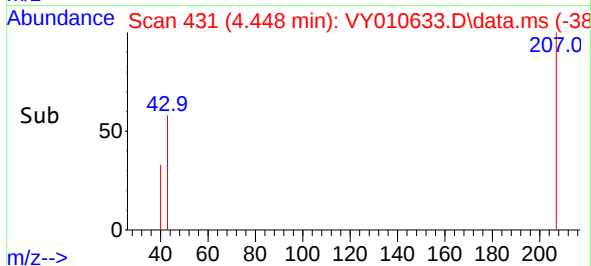
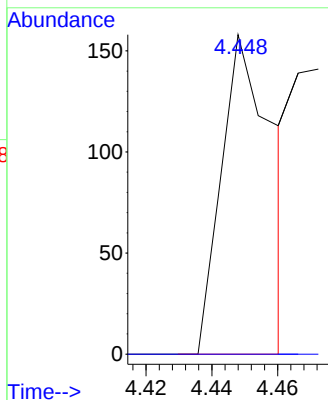
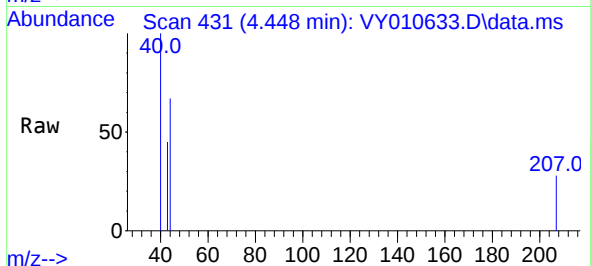




#18
Methyl Acetate
Concen: Below Cal
RT: 4.448 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

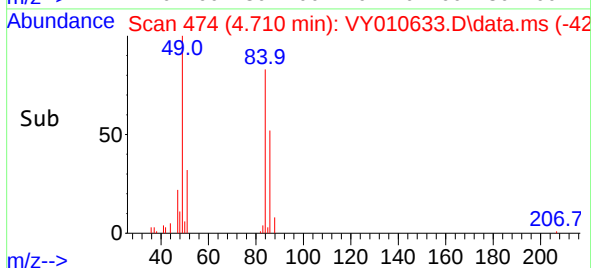
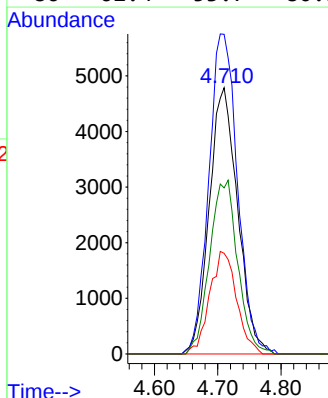
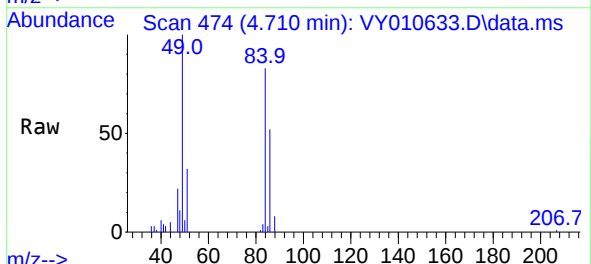
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

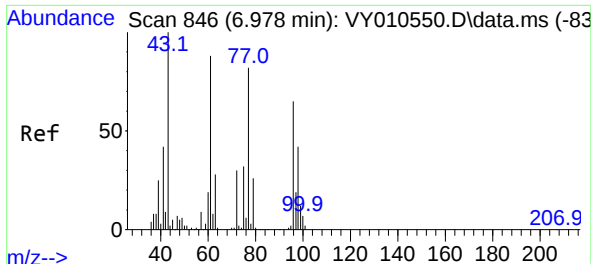
Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 84 Resp: 14954
Ion Ratio Lower Upper
84 100
49 120.0 114.4 171.6
51 37.8 35.3 52.9
86 62.4 53.7 80.5





#25

2-Butanone

Concen: 5.373 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010633.D

Acq: 22 Sep 2022 19:23

Instrument :

MSVOA_Y

ClientSampleId :

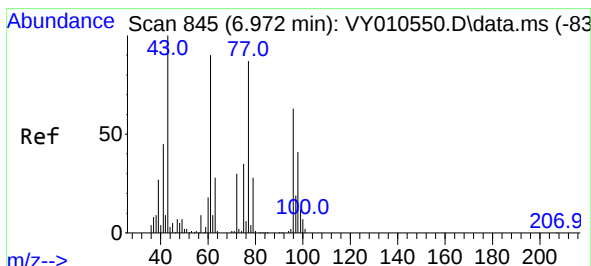
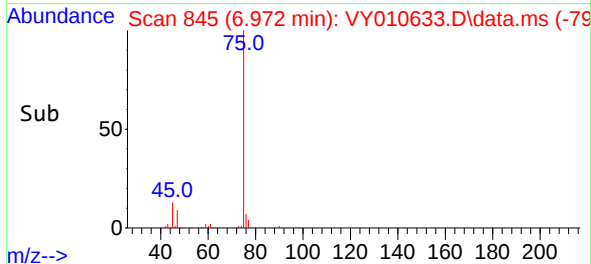
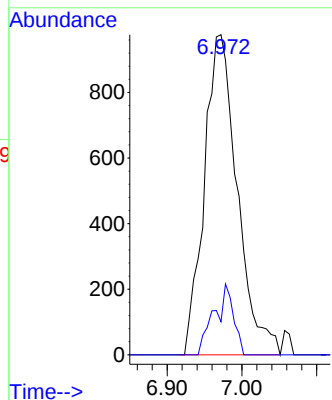
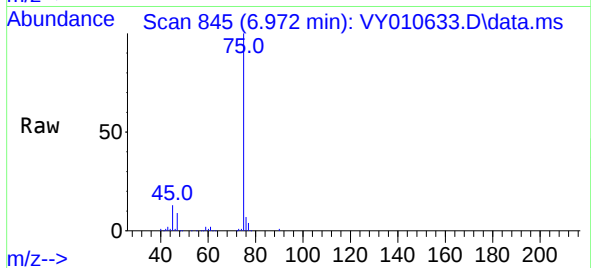
SB-11-8.5-9.0

Tgt Ion: 43 Resp: 2988

Ion Ratio Lower Upper

43 100

72 10.3 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.858 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010633.D

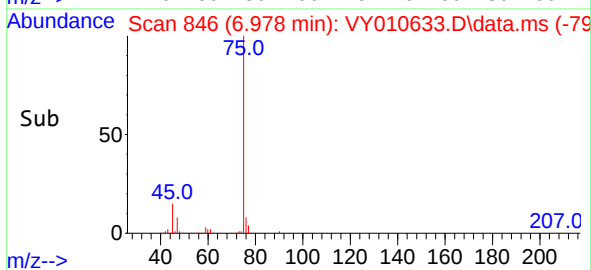
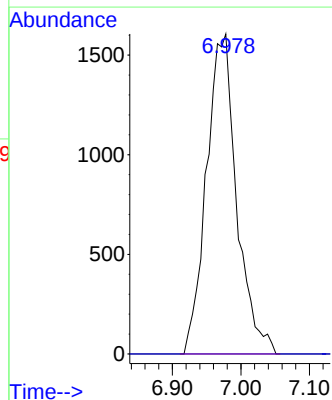
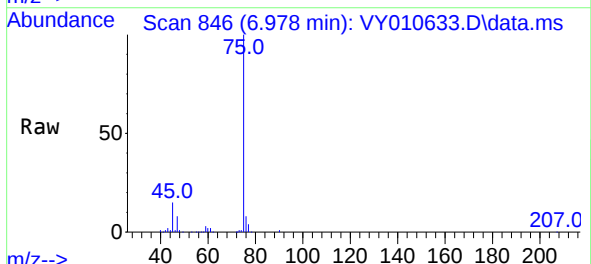
Acq: 22 Sep 2022 19:23

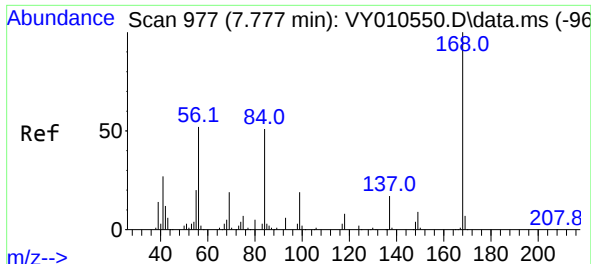
Tgt Ion: 77 Resp: 4912

Ion Ratio Lower Upper

77 100

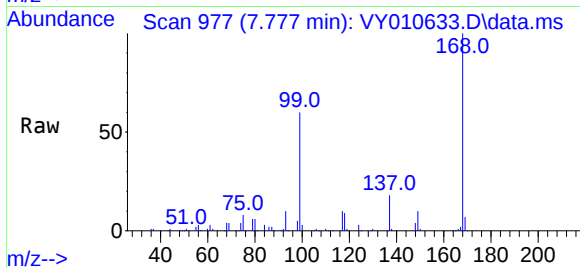
97 0.0 10.4 31.4#



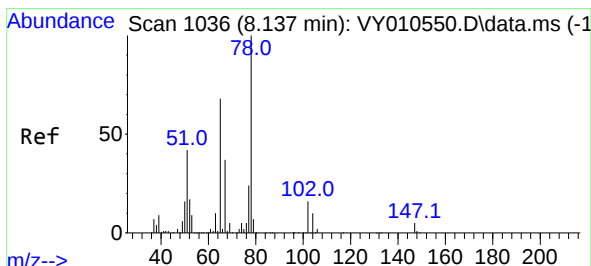
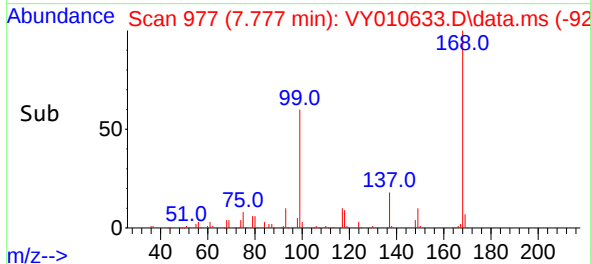
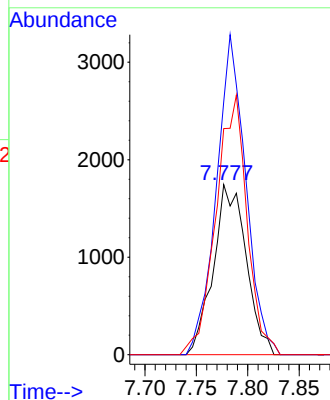


#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

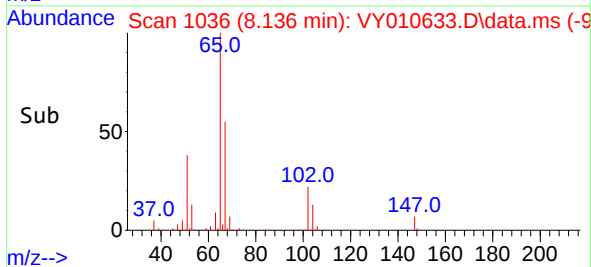
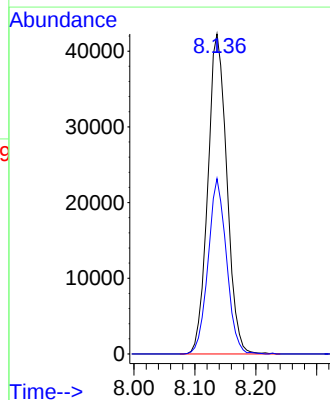
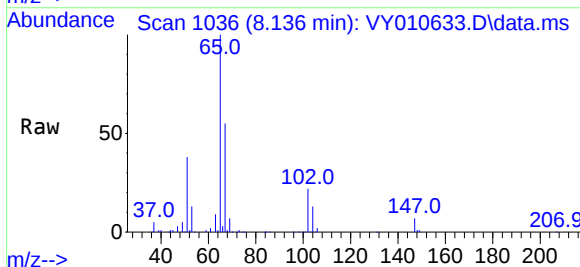


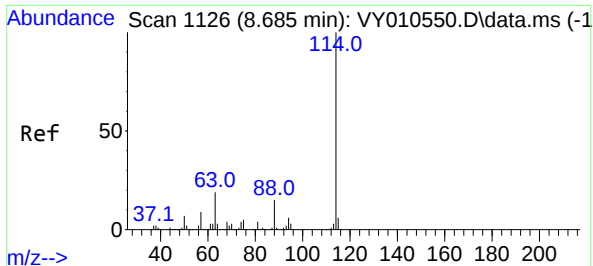
Tgt Ion: 56 Resp: 3882
Ion Ratio Lower Upper
56 100
69 148.6 26.7 40.1#
84 132.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.652 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 65 Resp: 91791
Ion Ratio Lower Upper
65 100
67 52.8 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: VY010633.D

Acq: 22 Sep 2022 19:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-8.5-9.0

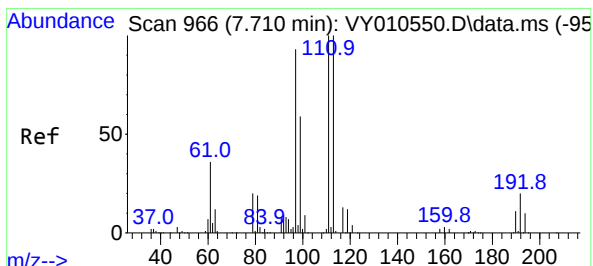
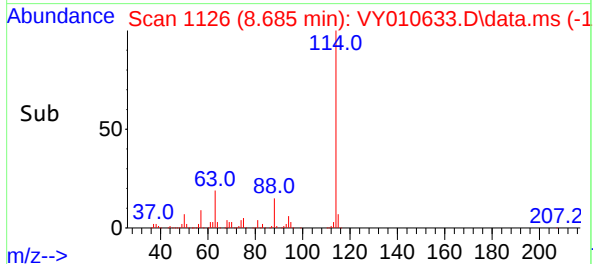
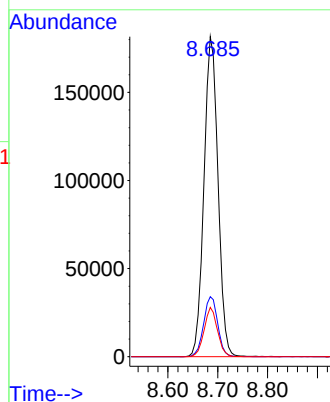
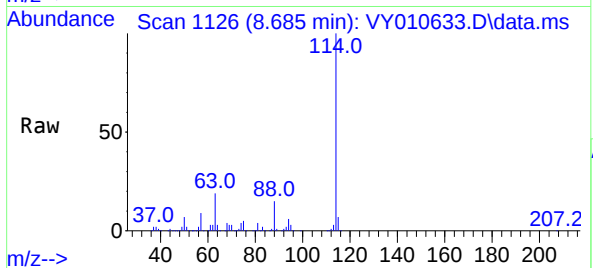
Tgt Ion:114 Resp: 354363

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.391 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010633.D

Acq: 22 Sep 2022 19:23

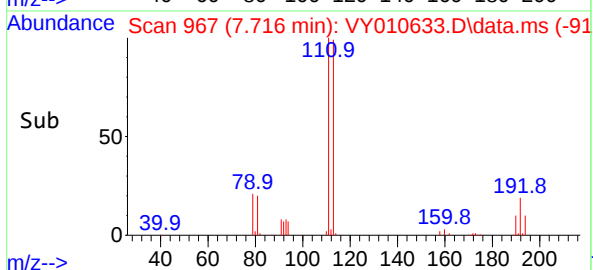
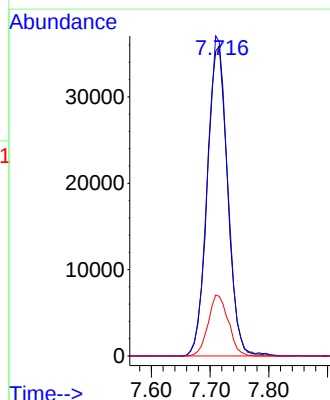
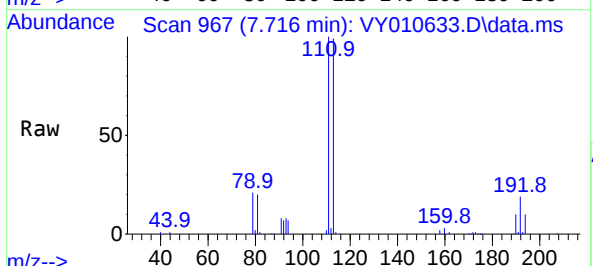
Tgt Ion:113 Resp: 86823

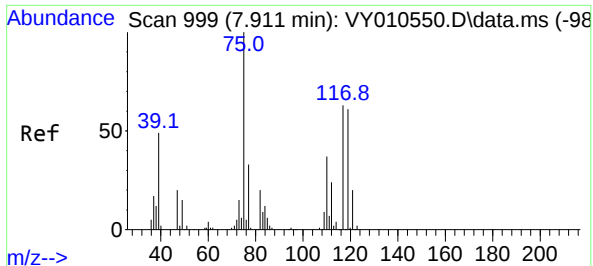
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 19.3 17.6 26.4

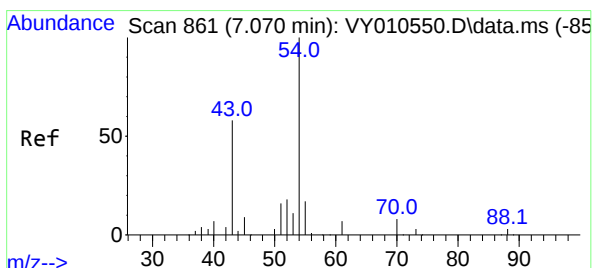
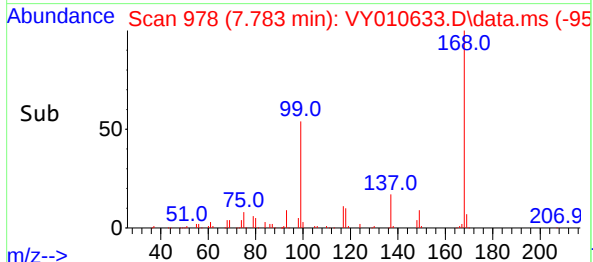
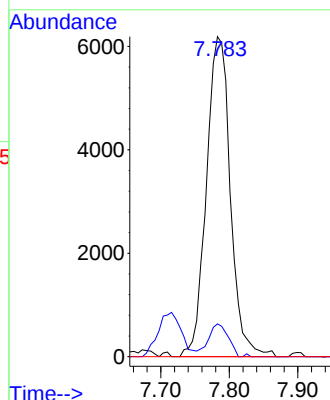
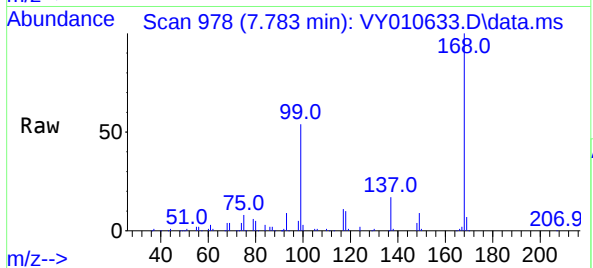




#36
1,1-Dichloropropene
Concen: 5.981 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

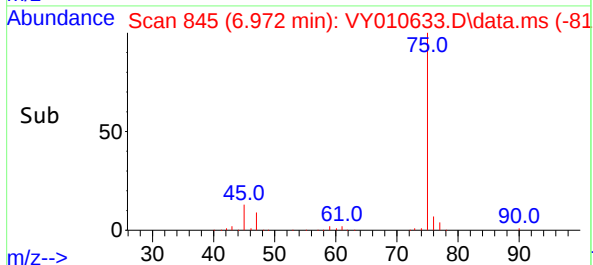
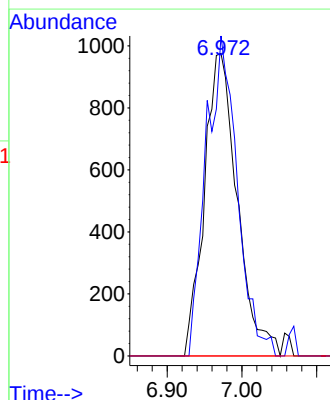
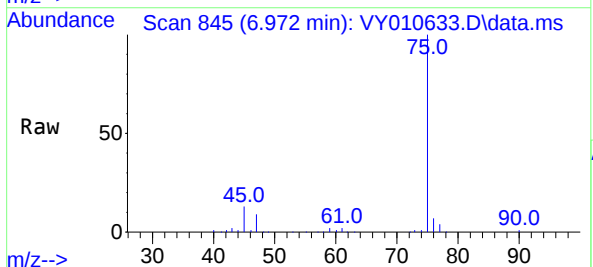
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

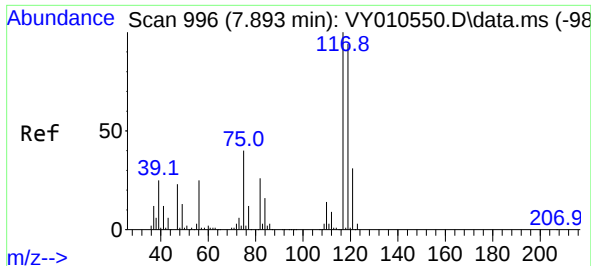
Tgt Ion: 75 Resp: 15070
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.053 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 43 Resp: 2988
Ion Ratio Lower Upper
43 100
61 100.5 9.7 14.5#
70 0.0 7.1 10.7#

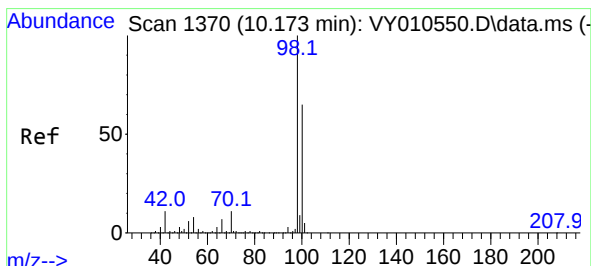
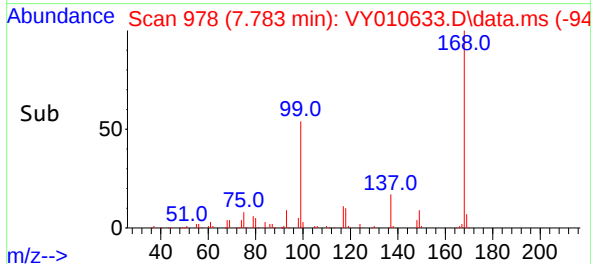
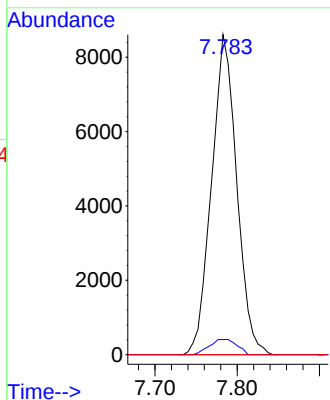
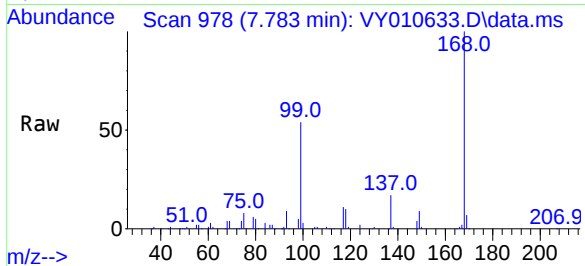




#38
Carbon Tetrachloride
Concen: 6.318 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

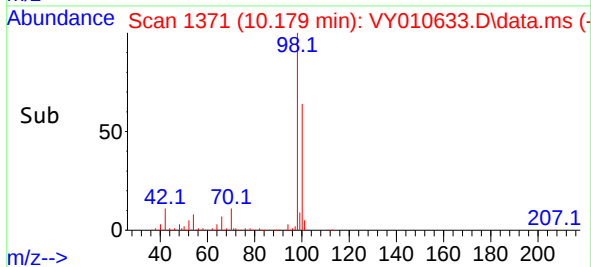
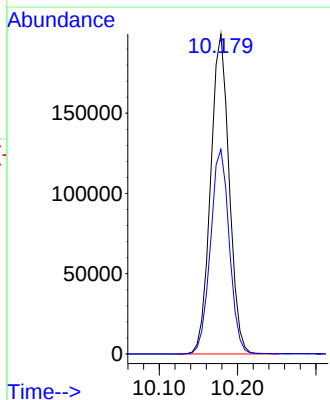
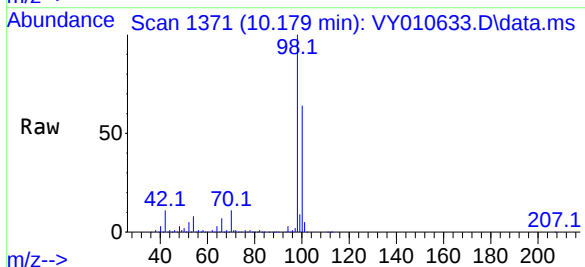
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

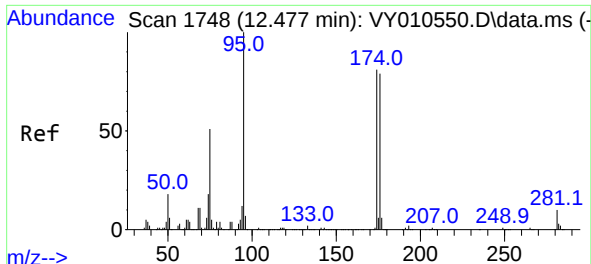
Tgt Ion:117 Resp: 18306
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 39.930 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 98 Resp: 328134
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

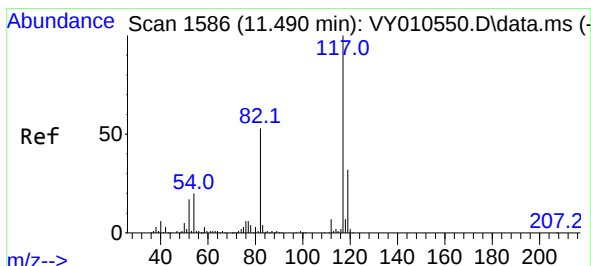
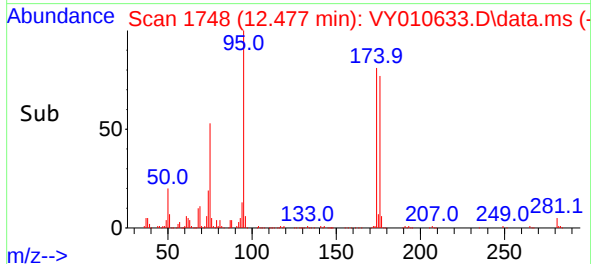
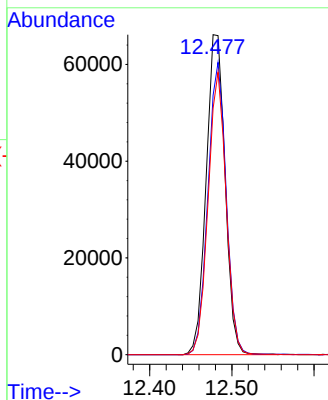
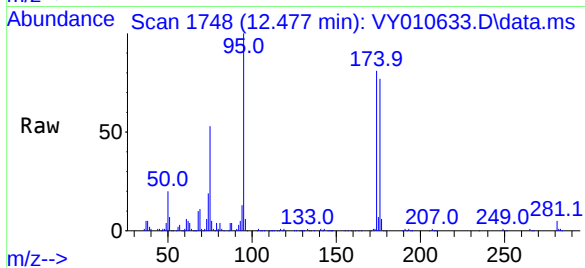




#62
4-Bromofluorobenzene
Concen: 33.231 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

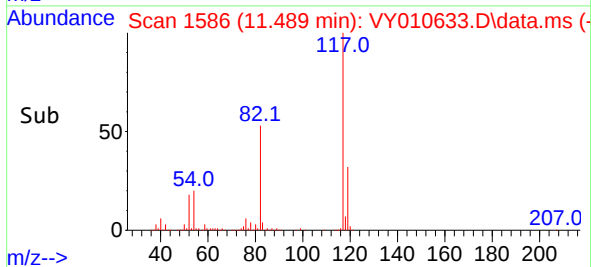
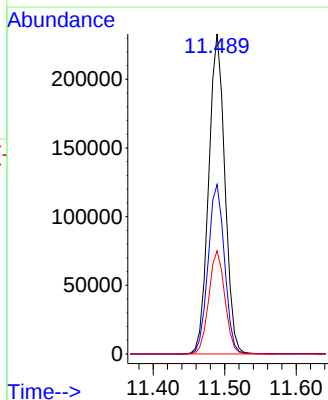
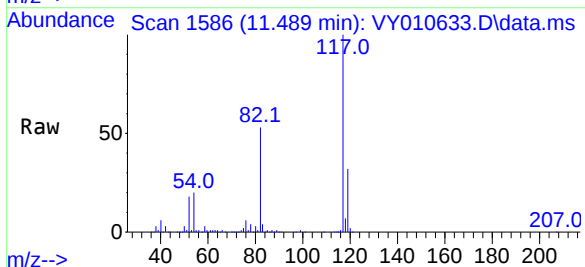
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

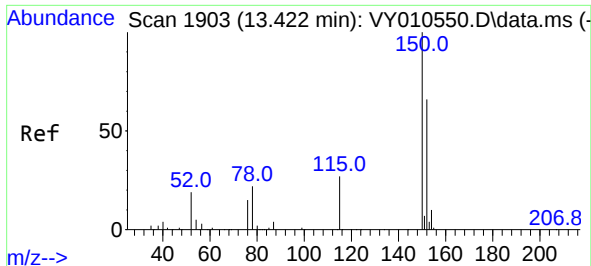
Tgt Ion: 95 Resp: 105890
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 83.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 117 Resp: 366303
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.3 25.4 38.0

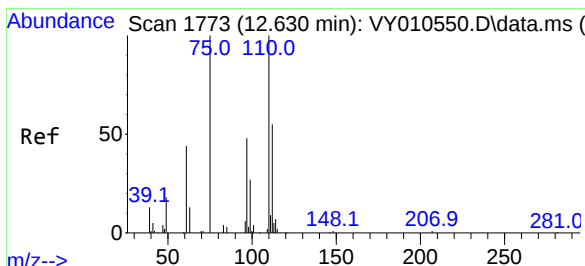
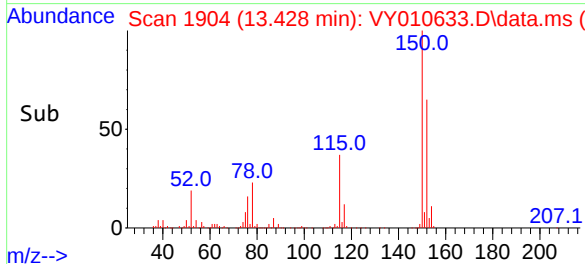
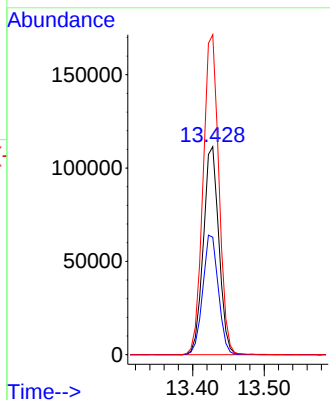
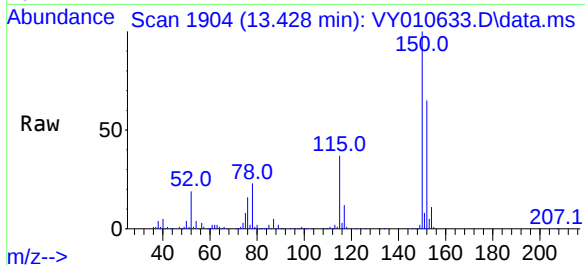




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

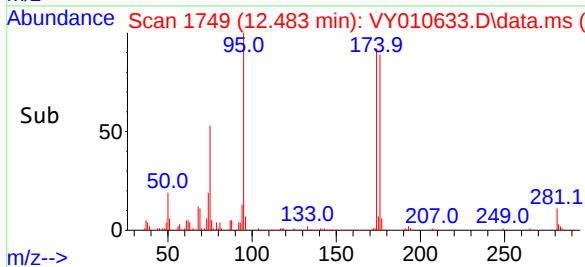
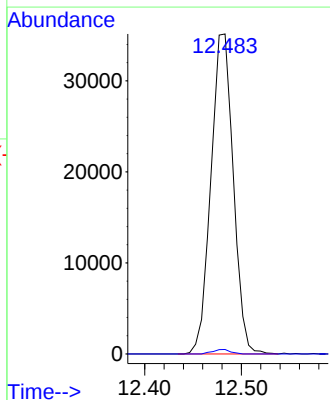
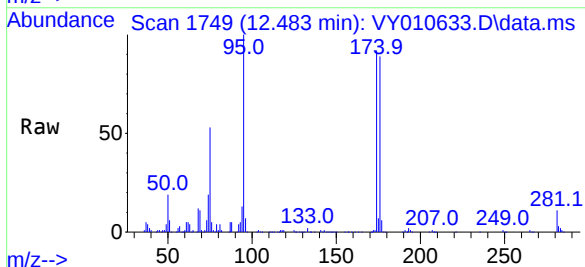
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

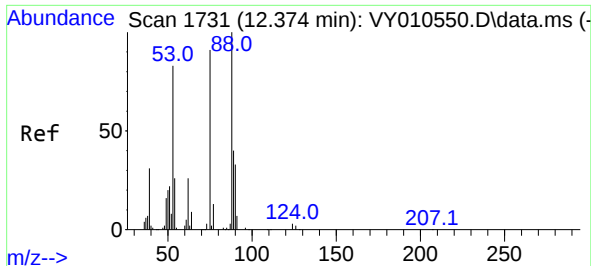
Tgt Ion:152 Resp: 168339
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 35.189 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010633.D
Acq: 22 Sep 2022 19:23

Tgt Ion: 75 Resp: 56538
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.241 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY010633.D
 Acq: 22 Sep 2022 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-8.5-9.0

Tgt Ion: 75 Resp: 56538
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

