

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010623.D
 Acq On : 22 Sep 2022 15:29
 Operator : KP/MD
 Sample : N4723-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-12-6.5-7.0

Quant Time: Sep 23 09:03:08 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)

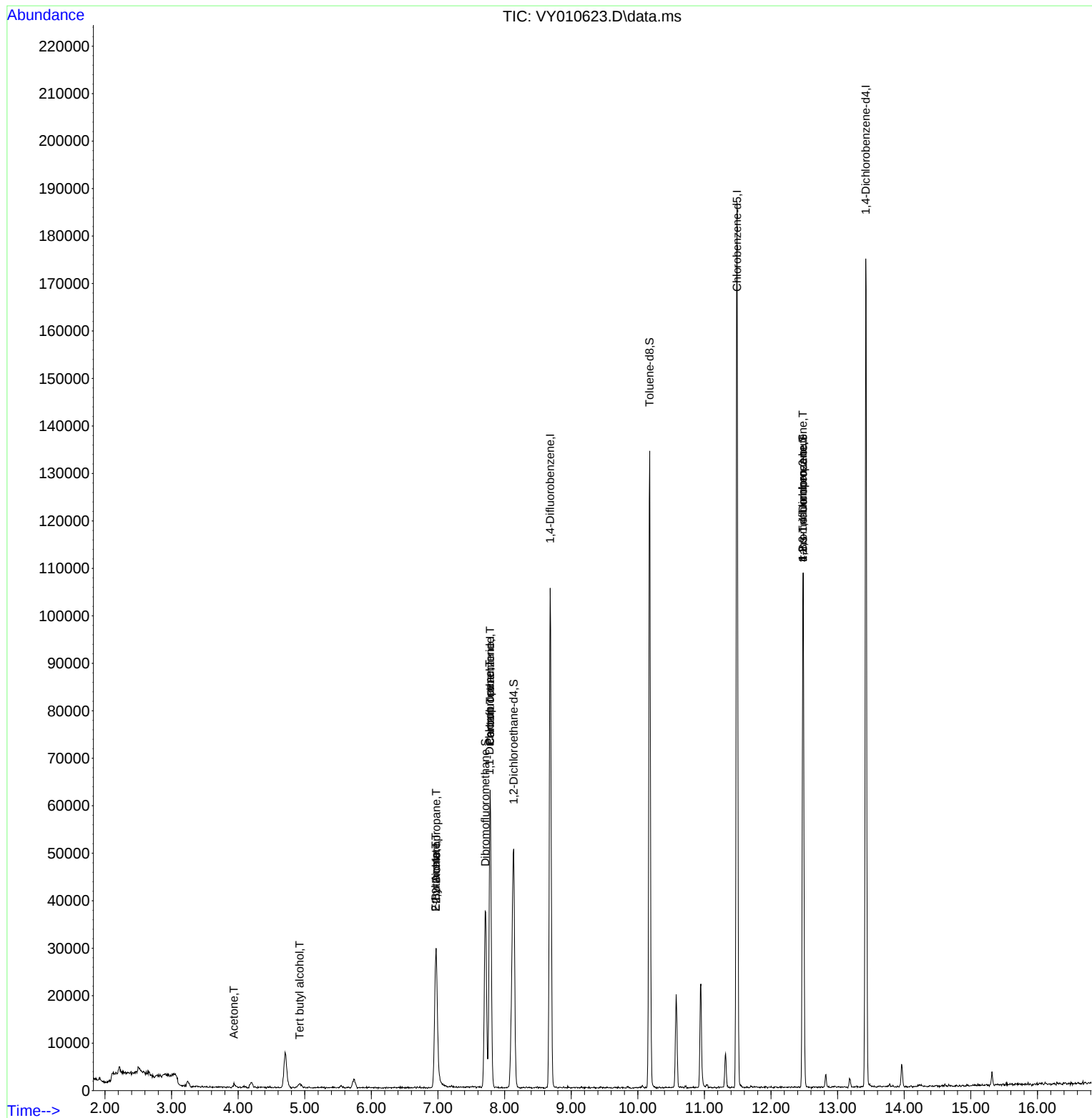
Internal Standards						
1) Pentafluorobenzene	7.783	168	48264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	90915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	101472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	33580	72.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.480%	
35) Dibromofluoromethane	7.710	113	26785	46.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.320%	
50) Toluene-d8	10.179	98	87085	41.197	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.400%	
62) 4-Bromofluorobenzene	12.477	95	30246	37.321	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	245	Below Cal	#	43
3) Chloromethane	2.107	50	254	Below Cal	#	75
4) Vinyl Chloride	2.436	62	88	Below Cal	#	43
5) Bromomethane	2.662	94	245	Below Cal		90
11) Tert butyl alcohol	4.924	59	1251	20.014	ug/l #	77
16) Acetone	3.936	43	1216	12.917	ug/l #	88
18) Methyl Acetate	4.466	43	86	Below Cal	#	56
20) Methylene Chloride	4.704	84	5521	Below Cal		87
25) 2-Butanone	6.966	43	1602	10.880	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	2227	3.181	ug/l #	55
31) Cyclohexane	7.789	56	928	Below Cal	#	1
36) 1,1-Dichloropropene	7.777	75	4145	6.412	ug/l #	48
37) Ethyl Acetate	6.966	43	1602	4.290	ug/l #	1
38) Carbon Tetrachloride	7.783	117	4692	6.312	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	16278	38.133	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16278	84.785	ug/l #	7

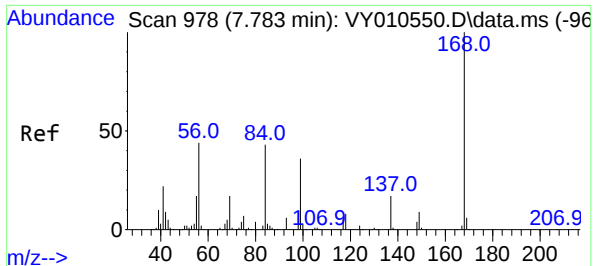
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
Data File : VY010623.D
Acq On : 22 Sep 2022 15:29
Operator : KP/MD
Sample : N4723-07
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

Quant Time: Sep 23 09:03:08 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

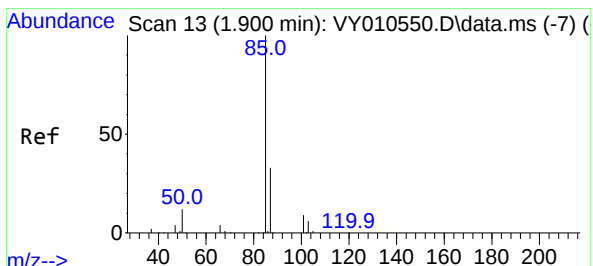
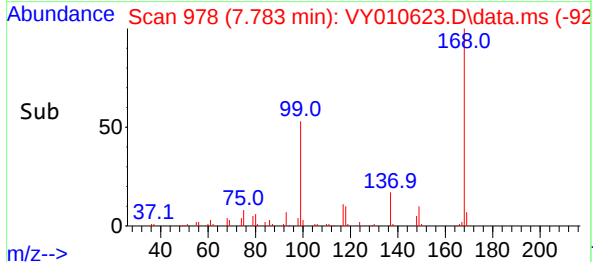
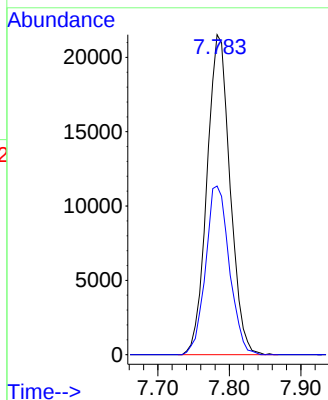
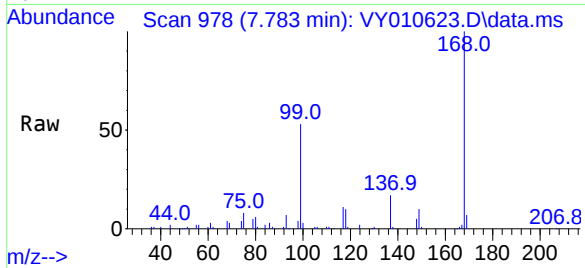




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

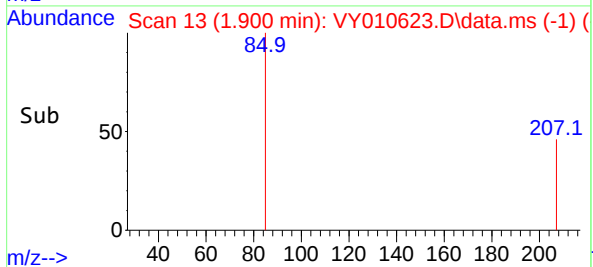
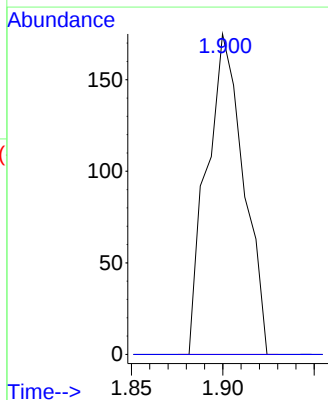
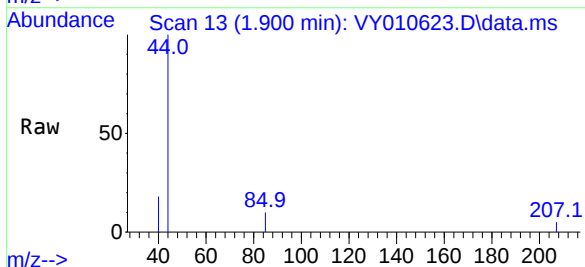
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

Tgt Ion:168 Resp: 48264
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3

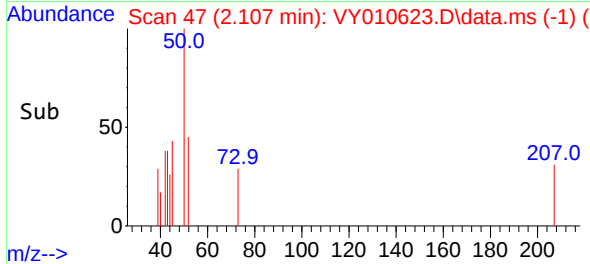
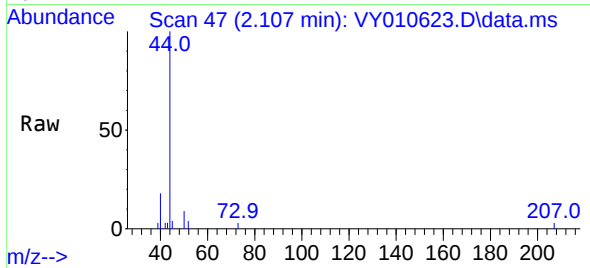
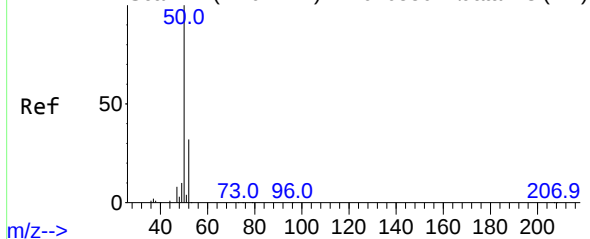


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 85 Resp: 245
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: VY010623.D

Acq: 22 Sep 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

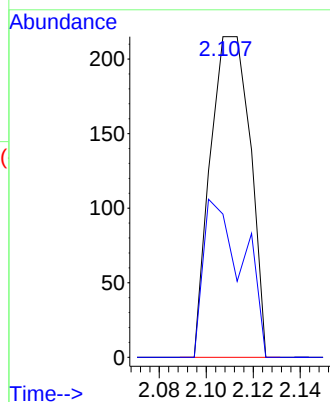
SB-12-6.5-7.0

Tgt Ion: 50 Resp: 254

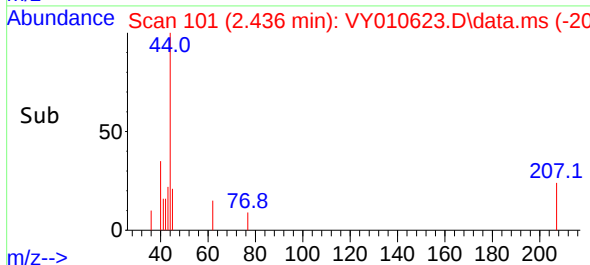
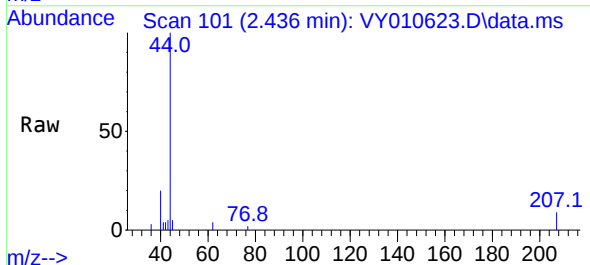
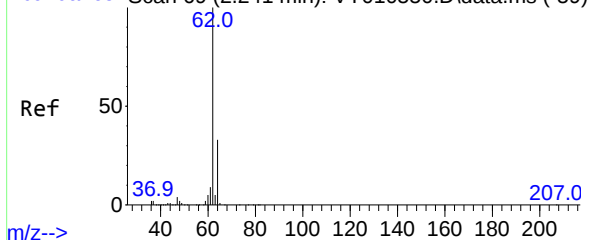
Ion Ratio Lower Upper

50 100

52 44.7 24.6 37.0#



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



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.436 min Scan# 101

Delta R.T. 0.195 min

Lab File: VY010623.D

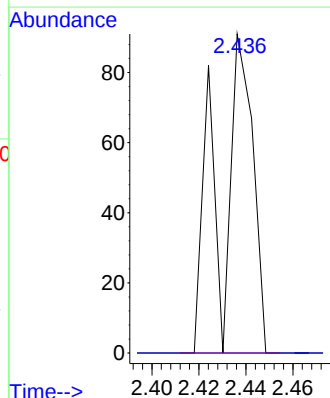
Acq: 22 Sep 2022 15:29

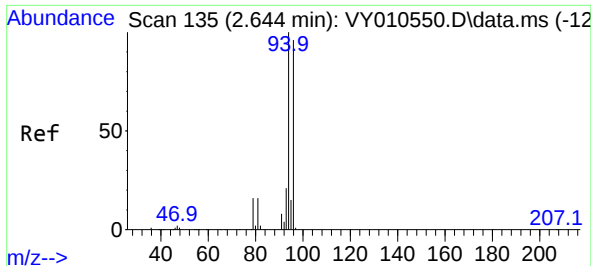
Tgt Ion: 62 Resp: 88

Ion Ratio Lower Upper

62 100

64 0.0 25.0 37.6#

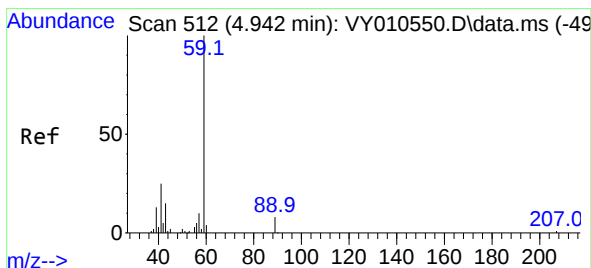
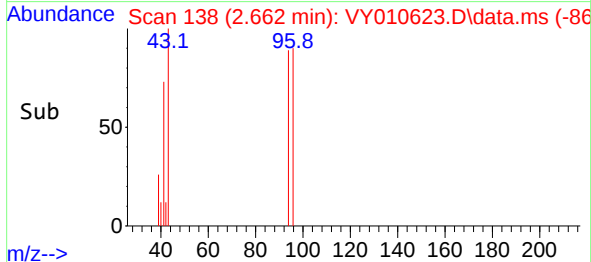
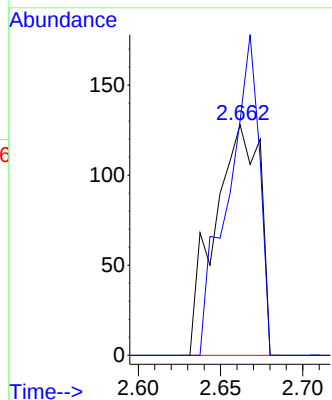
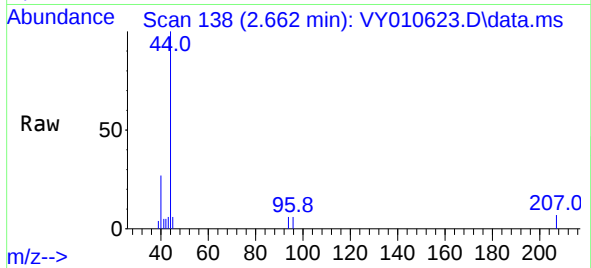




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

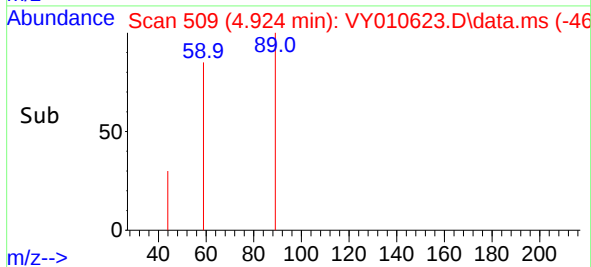
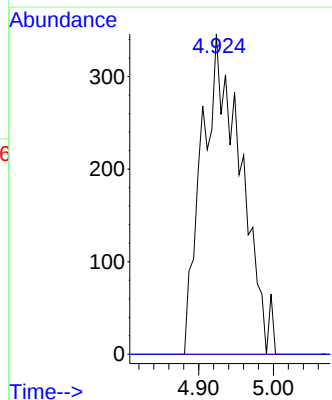
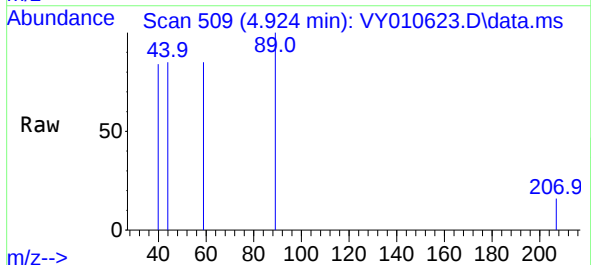
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

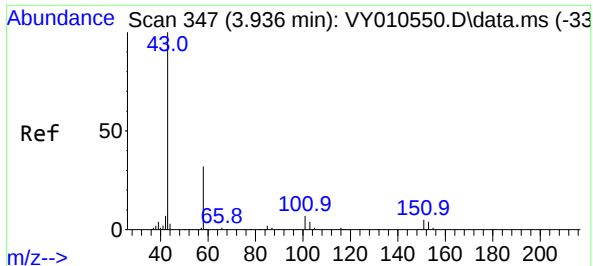
Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 101.6 73.5 110.3



#11
Tert butyl alcohol
Concen: 20.014 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 59 Resp: 1251
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

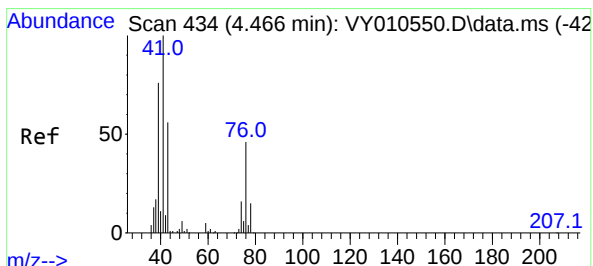
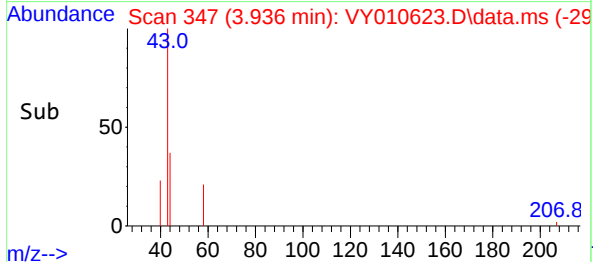
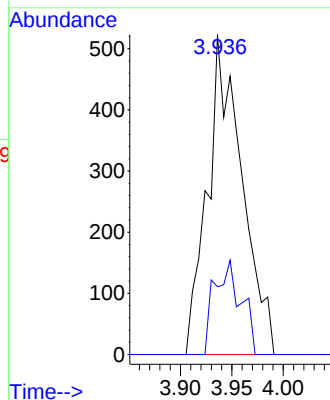
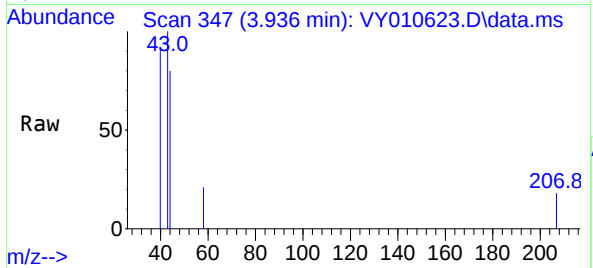




#16
Acetone
Concen: 12.917 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

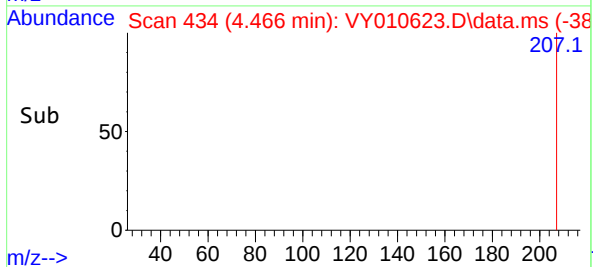
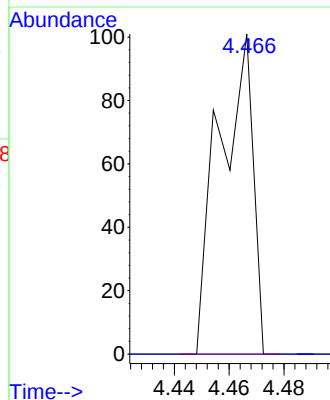
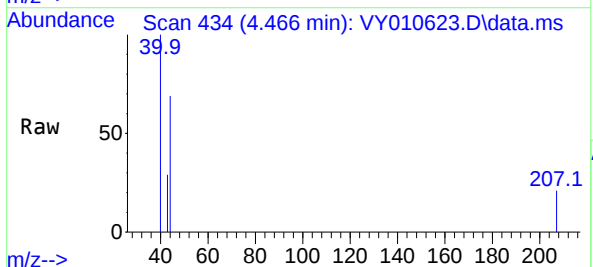
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

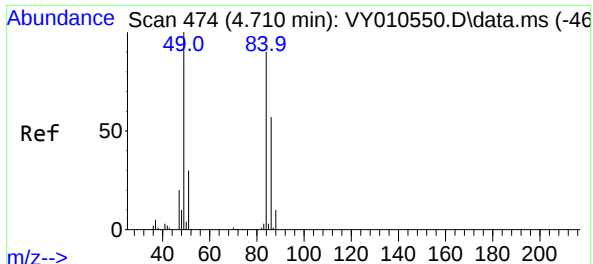
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 21.2 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

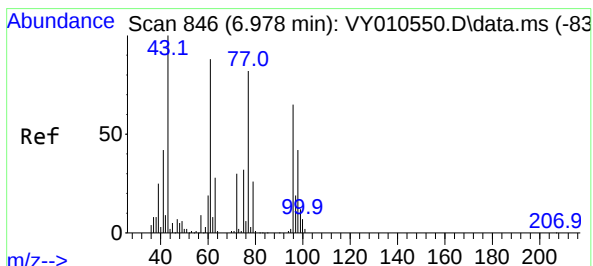
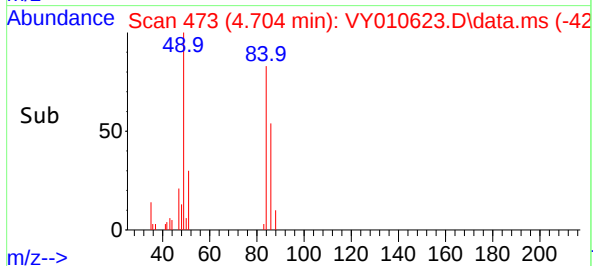
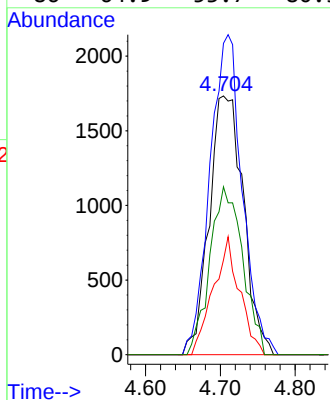
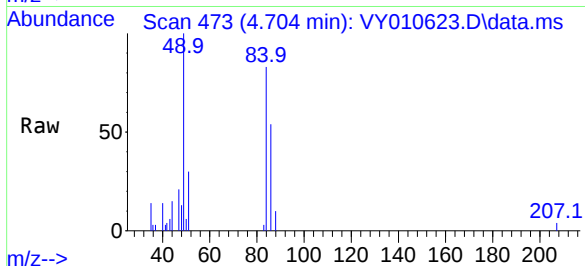




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

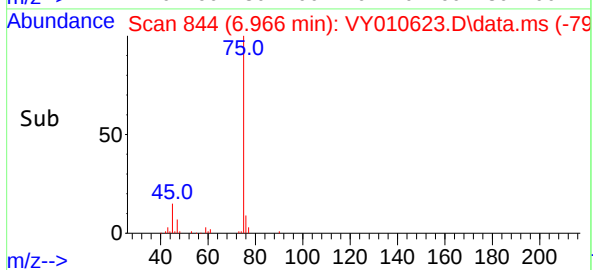
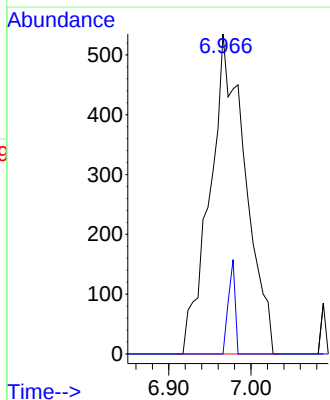
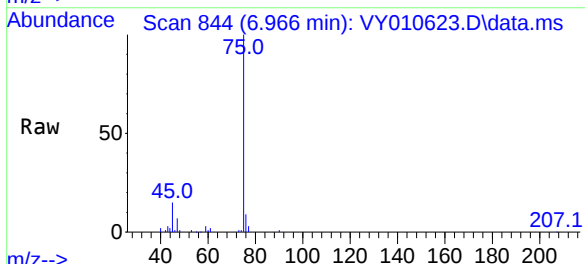
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

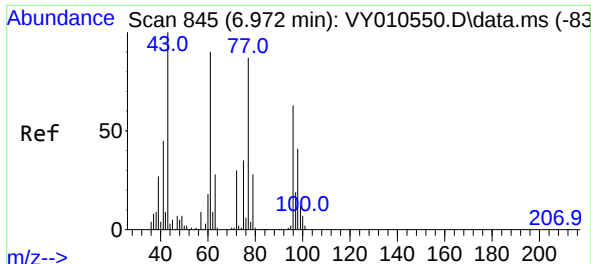
Tgt Ion:	84	Resp:	5521
Ion	Ratio	Lower	Upper
84	100		
49	120.3	114.4	171.6
51	36.6	35.3	52.9
86	64.9	53.7	80.5



#25
2-Butanone
Concen: 10.880 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion:	43	Resp:	1602
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

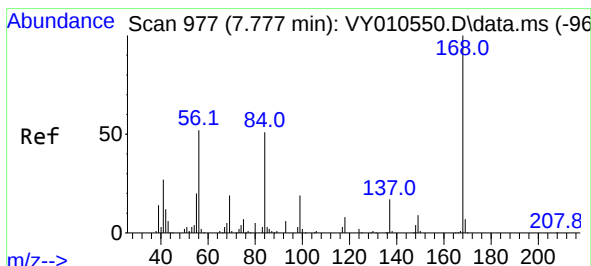
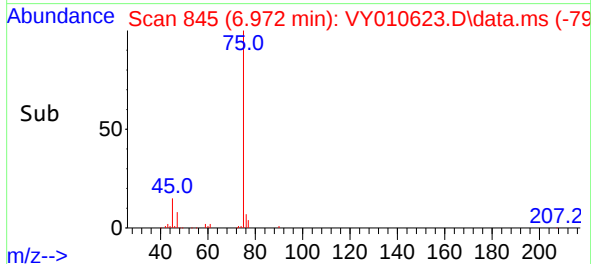
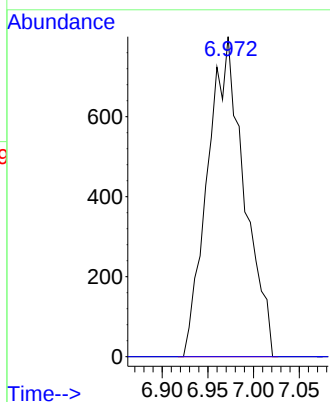
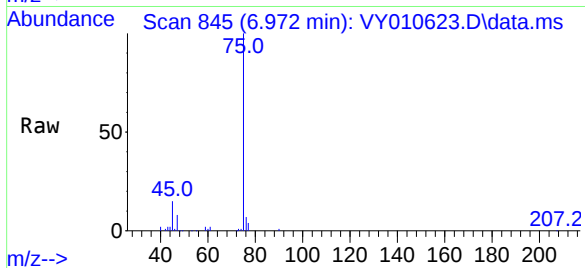




#26
2,2-Dichloropropane
Concen: 3.181 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

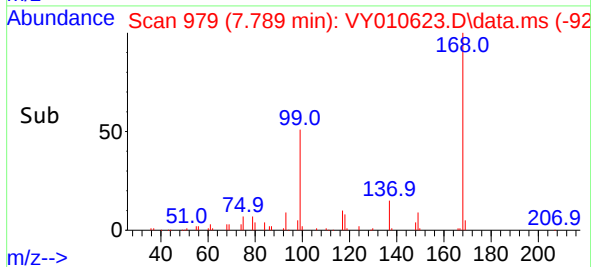
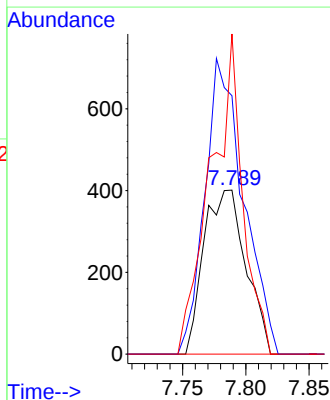
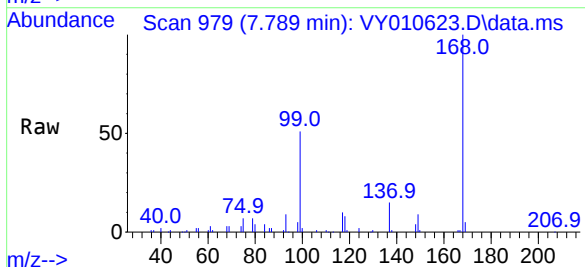
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

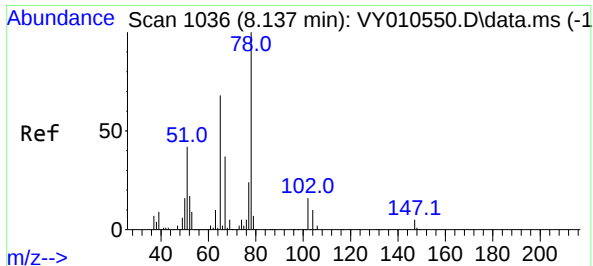
Tgt Ion: 77 Resp: 2227
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 56 Resp: 928
Ion Ratio Lower Upper
56 100
69 157.6 26.7 40.1#
84 195.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 72.742 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010623.D

Acq: 22 Sep 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

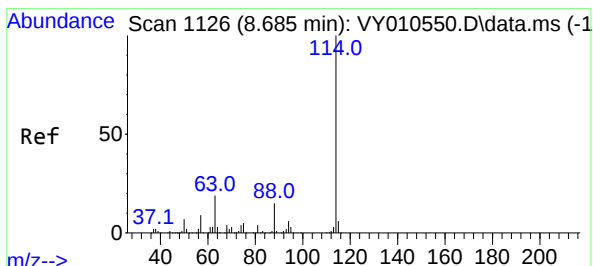
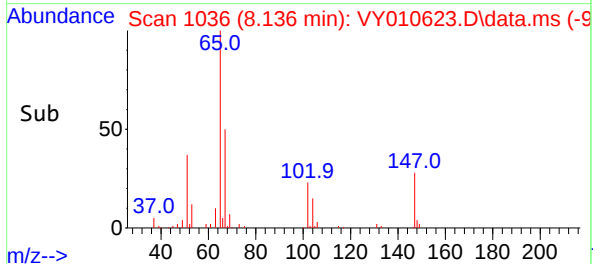
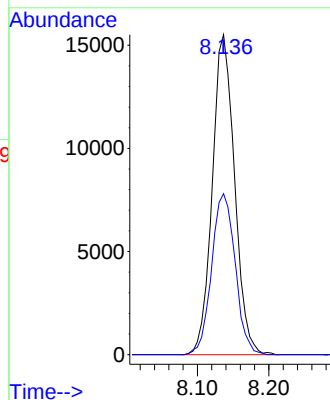
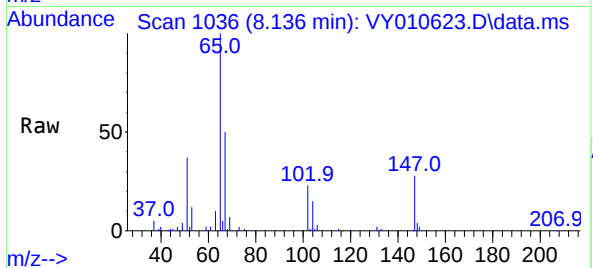
SB-12-6.5-7.0

Tgt Ion: 65 Resp: 33580

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: VY010623.D

Acq: 22 Sep 2022 15:29

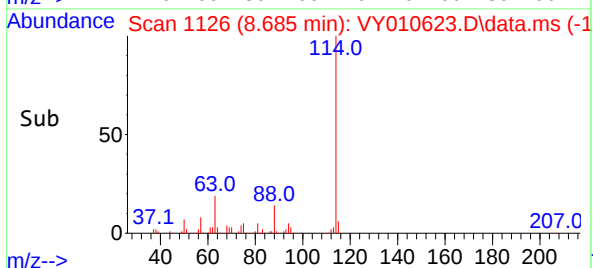
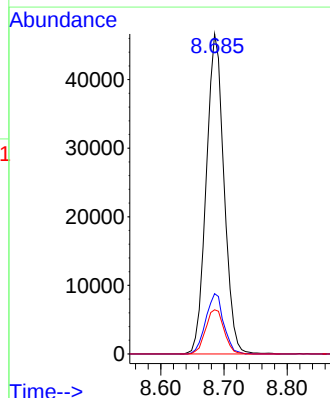
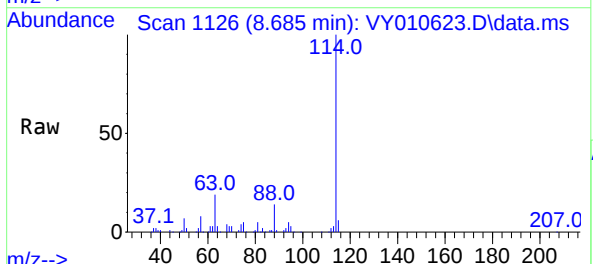
Tgt Ion: 114 Resp: 90915

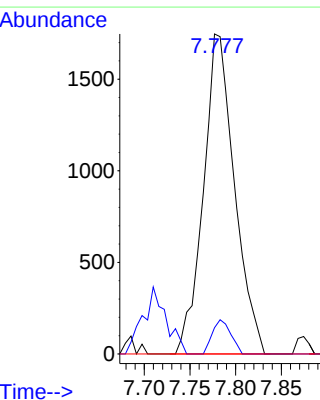
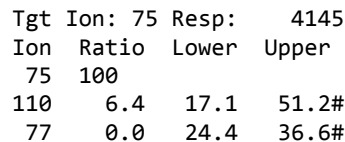
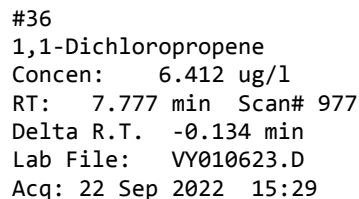
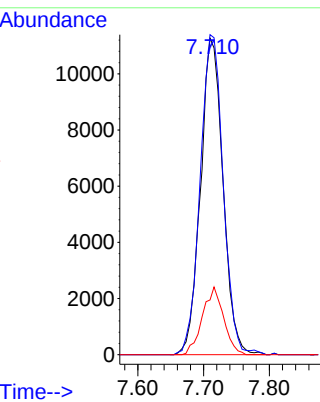
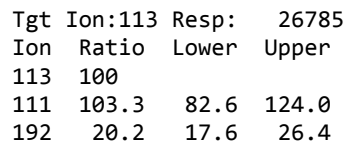
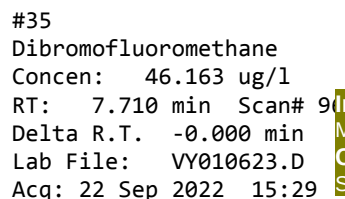
Ion Ratio Lower Upper

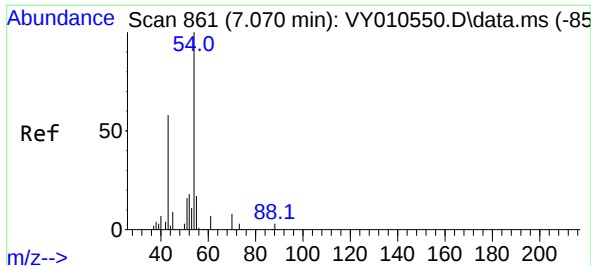
114 100

63 18.9 0.0 43.2

88 13.8 0.0 31.8



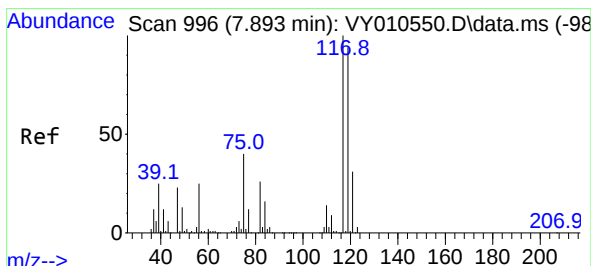
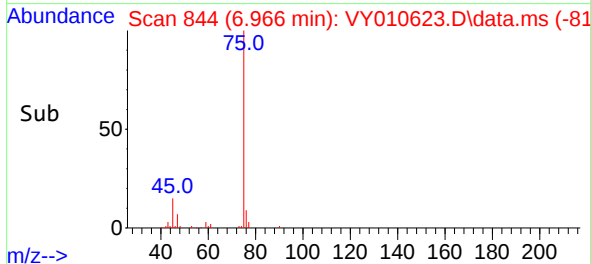
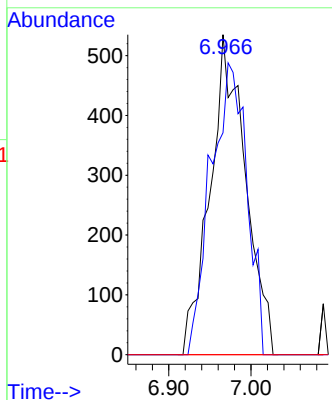
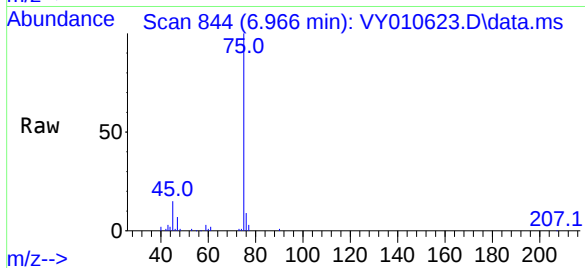




#37
Ethyl Acetate
Concen: 4.290 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

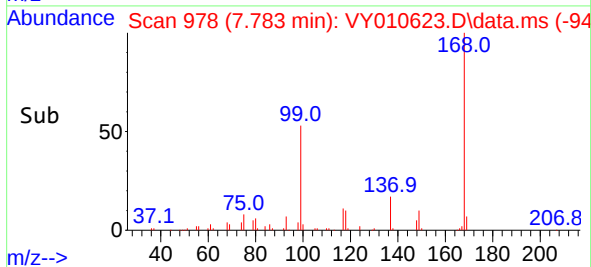
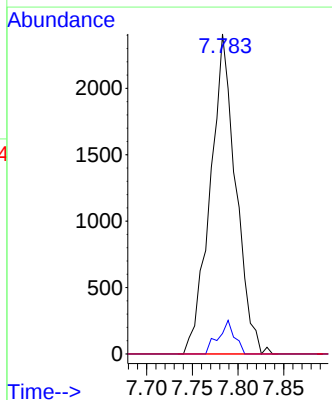
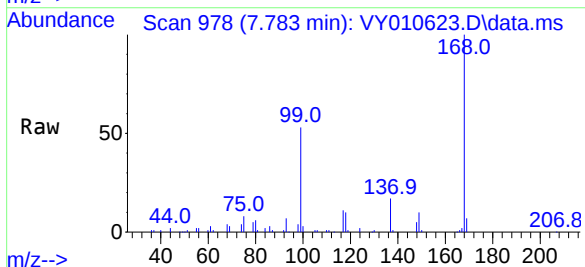
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

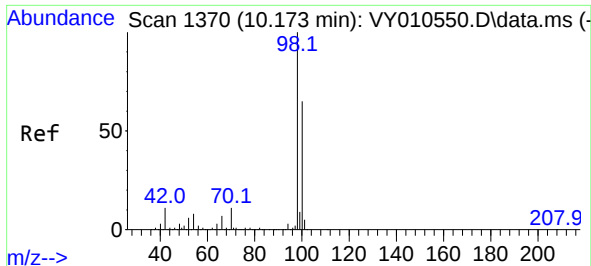
Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
61 92.3 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 117 Resp: 4692
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#

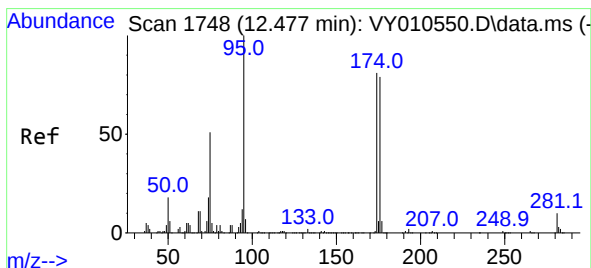
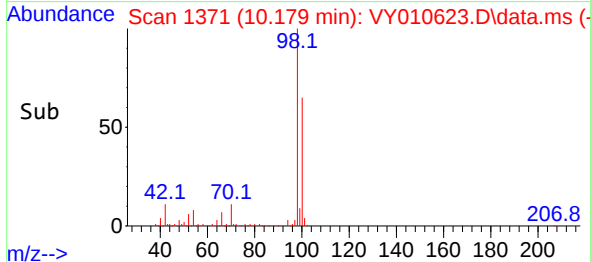
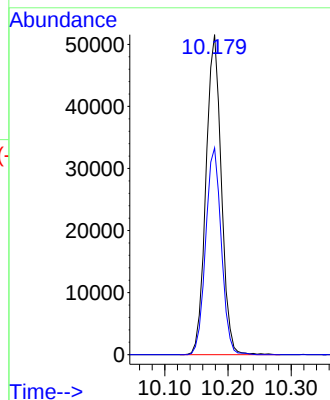
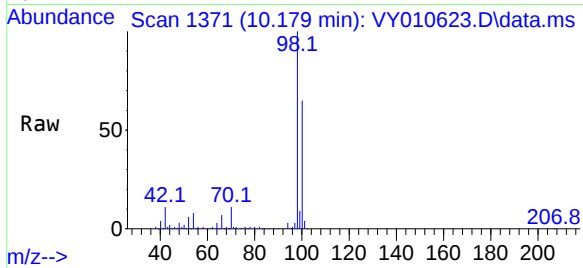




#50
Toluene-d8
Concen: 41.197 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

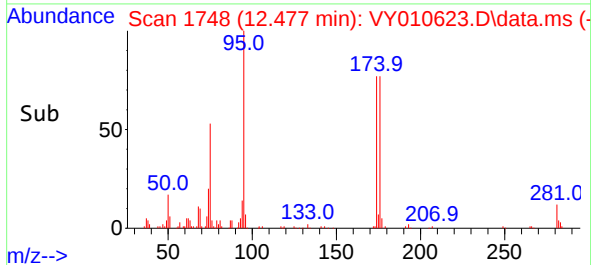
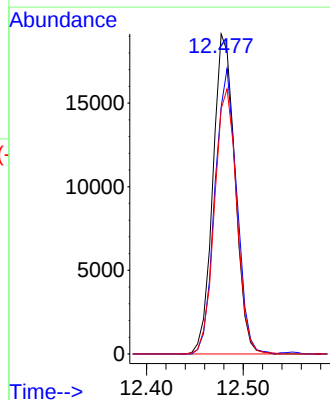
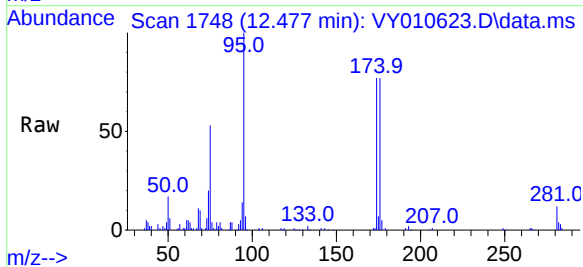
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

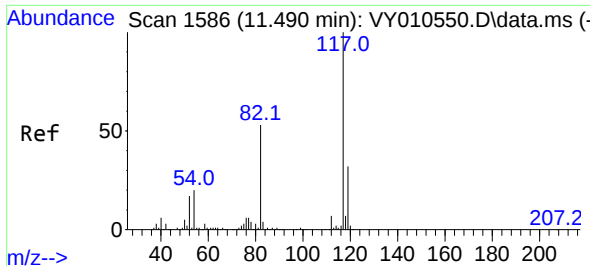
Tgt Ion: 98 Resp: 87085
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.321 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 95 Resp: 30246
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 83.5 0.0 175.8

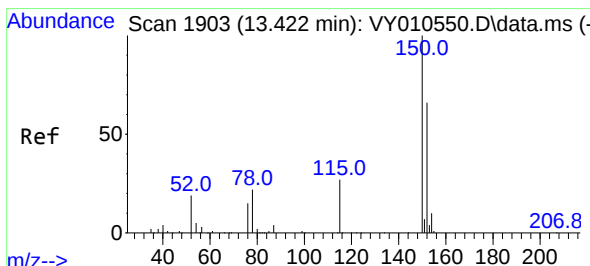
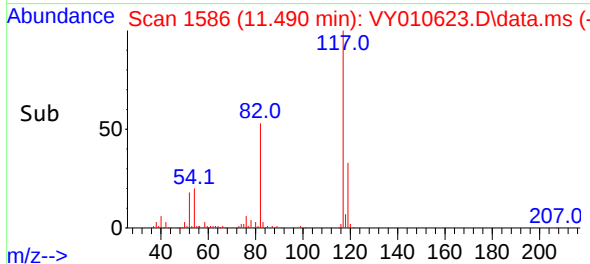
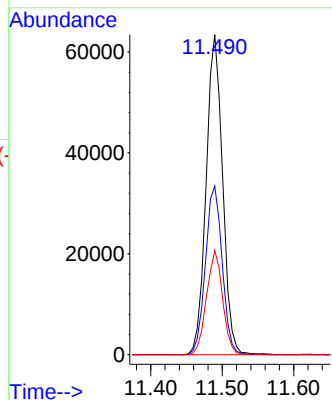
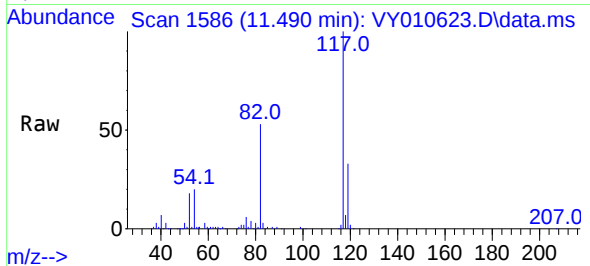




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

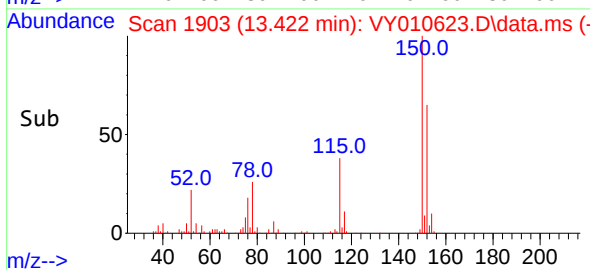
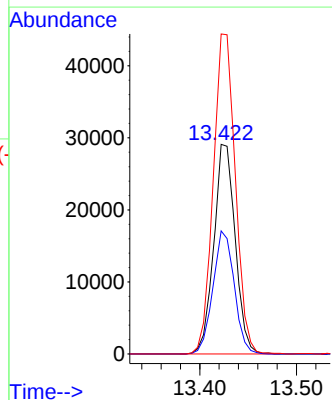
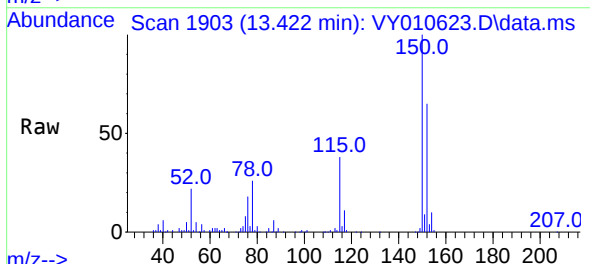
Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

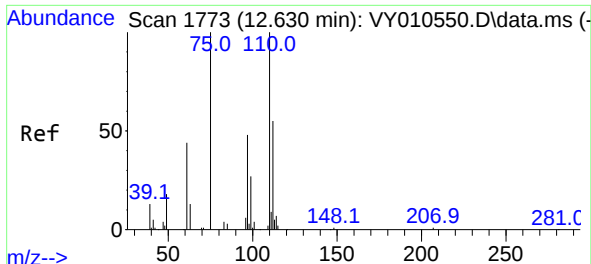
Tgt Ion:	117	Resp:	101472
Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.0	64.4
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion:	152	Resp:	44726
Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	157.3	0.0	347.6

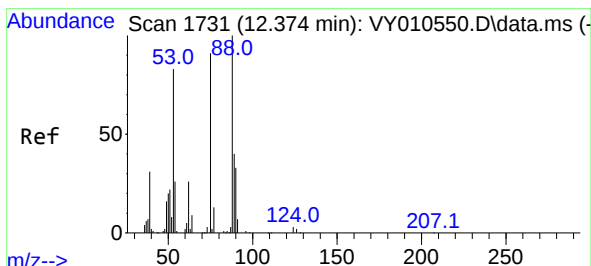
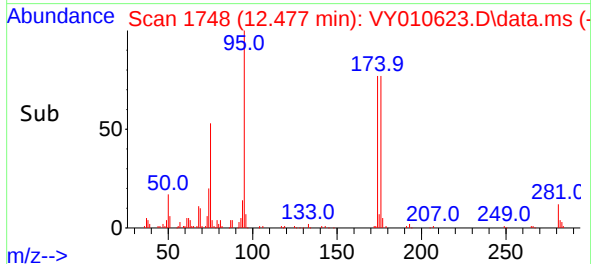
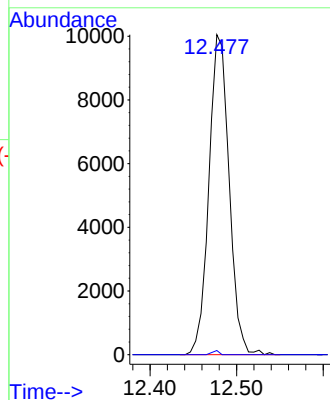
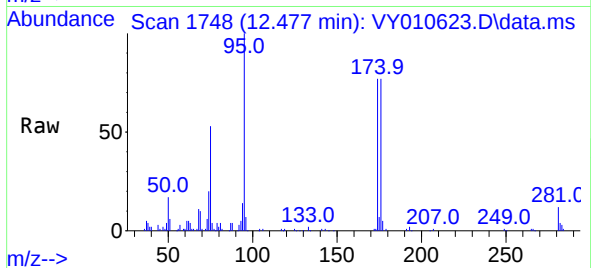




#76
1,2,3-Trichloropropane
Concen: 38.133 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-12-6.5-7.0

Tgt Ion: 75 Resp: 16278
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.785 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010623.D
Acq: 22 Sep 2022 15:29

Tgt Ion: 75 Resp: 16278
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

