

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013344.D
 Acq On : 19 Apr 2023 14:45
 Operator : KP/MD
 Sample : 02371-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-8.5-9.0

Quant Time: Apr 20 06:56:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	21	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	191	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	71	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	50	50.000	ug/l	# 0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29	114.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 229.820%#	
35) Dibromofluoromethane	7.734	113	79	63.889	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.780%	
50) Toluene-d8	10.185	98	107	23.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 46.500%#	
62) 4-Bromofluorobenzene	12.441	95	40	26.748	ug/l	-0.04
Spiked Amount	50.000	Range	25 - 144	Recovery	= 53.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.948	85	32	169.310	ug/l	# 41
3) Chloromethane	2.211	50	65	274.509	ug/l	# 42
6) Chloroethane	2.759	64	174	1149.271	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	3.893	101	22	107.144	ug/l	# 18
13) Acrolein	3.771	56	37	1193.457	ug/l	# 14
14) Allyl chloride	4.491	41	20	52.983	ug/l	# 25
15) Acrylonitrile	5.289	53	20	274.161	ug/l	# 1
16) Acetone	4.058	43	23	265.061	ug/l	# 44
18) Methyl Acetate	4.552	43	46	163.910	ug/l	# 54
19) Methyl tert-butyl Ether	5.137	73	60	101.360	ug/l	# 53
21) trans-1,2-Dichloroethene	5.314	96	70	310.316	ug/l	# 1
22) Diisopropyl ether	6.015	45	33	44.359	ug/l	# 36
25) 2-Butanone	6.954	43	33	297.020	ug/l	# 49
26) 2,2-Dichloropropane	6.716	77	21	56.327	ug/l	# 52
31) Cyclohexane	7.850	56	43	112.684	ug/l	# 19
37) Ethyl Acetate	7.124	43	43	28.477	ug/l	# 36
41) Methacrylonitrile	7.472	41	27	43.100	ug/l	# 100
42) 1,2-Dichloroethane	8.295	62	44	23.936	ug/l	# 74
43) Isopropyl Acetate	8.301	43	20	7.974	ug/l	# 1
48) Methyl methacrylate	9.301	41	81	70.309	ug/l	# 37
51) 4-Methyl-2-Pentanone	9.978	43	50	36.631	ug/l	# 38
57) 1,3-Dichloropropane	10.794	76	64	33.697	ug/l	# 42
59) 2-Hexanone	11.014	43	22	22.166	ug/l	# 26
61) 1,2-Dibromoethane	11.264	107	19	17.473	ug/l	# 3
67) Ethyl Benzene	11.380	91	46	17.783	ug/l	# 43
74) N-amyl acetate	12.197	43	72	58.843	ug/l	# 33
76) 1,2,3-Trichloropropane	12.544	75	25	40.126	ug/l	# 100
77) Bromobenzene	12.392	156	12131	14144.354	ug/l	# 1
78) n-propylbenzene	12.611	91	59	13.929	ug/l	# 52
79) 2-Chlorotoluene	12.794	91	20	8.388	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.861	105	19	6.614	ug/l	# 28
81) trans-1,4-Dichloro-2-b...	12.367	75	429	1429.103	ug/l	# 24
82) 4-Chlorotoluene	12.910	91	256	101.845	ug/l	# 39
84) 1,2,4-Trimethylbenzene	13.129	105	54	19.314	ug/l	# 30
85) sec-Butylbenzene	13.129	105	54	14.649	ug/l	# 56
89) n-Butylbenzene	13.672	91	82	28.343	ug/l	# 33

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

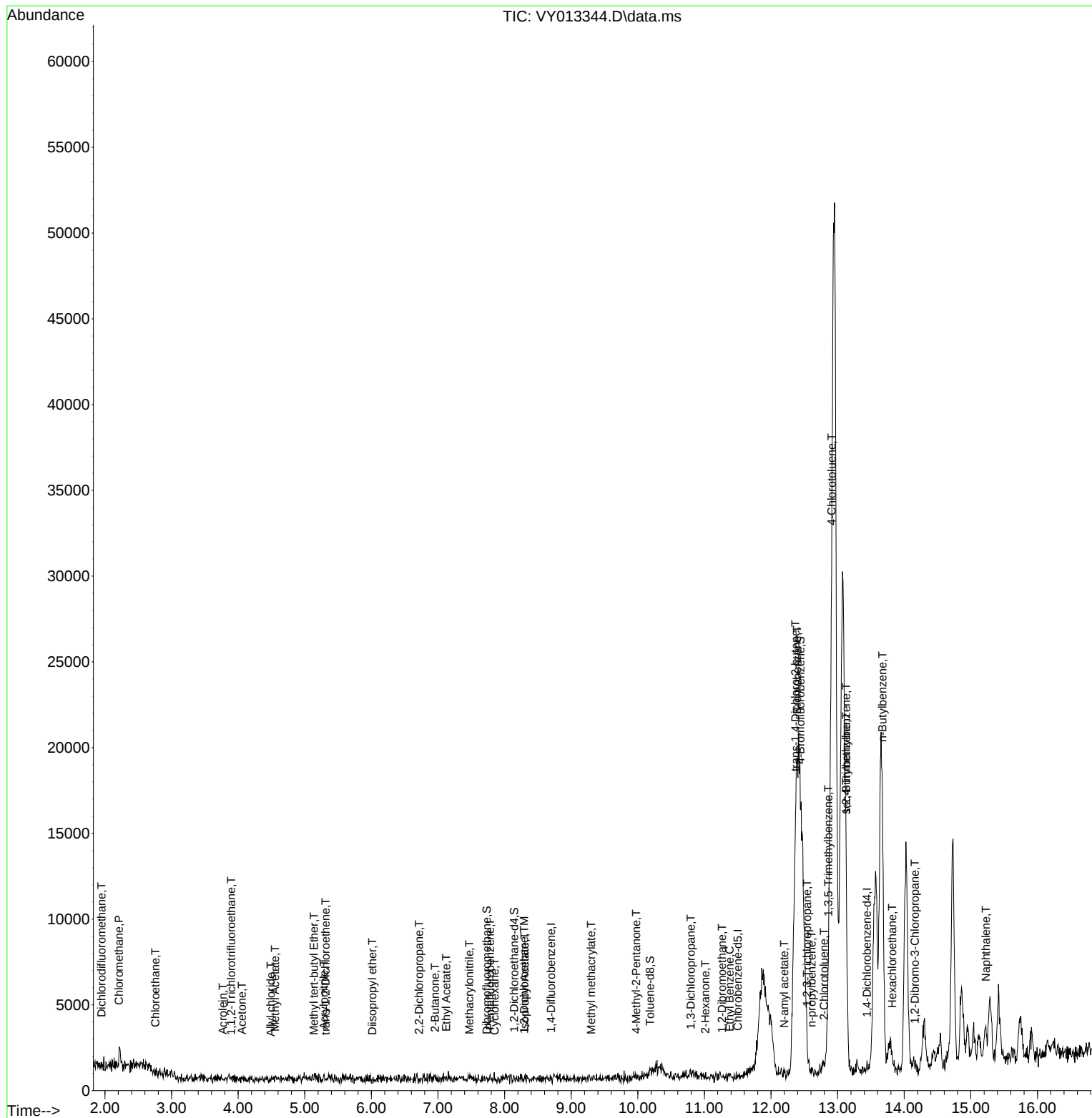
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.818	117	53	84.032	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.160	75	19	123.490	ug/l #	1
95) Naphthalene	15.227	128	132	59.552	ug/l #	47

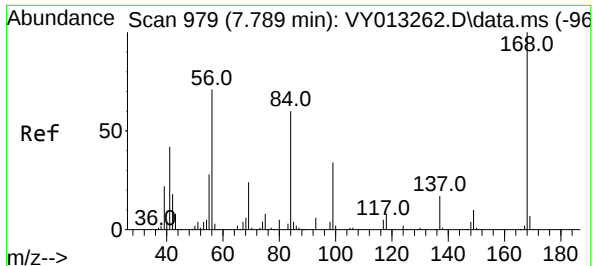
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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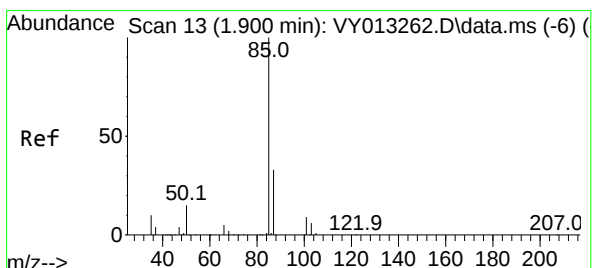
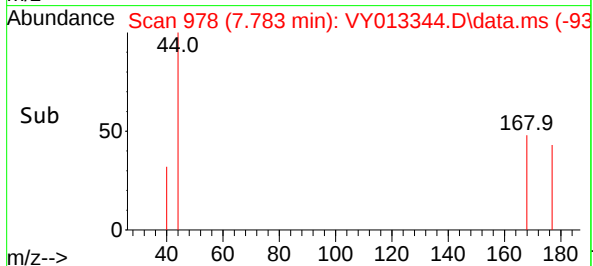
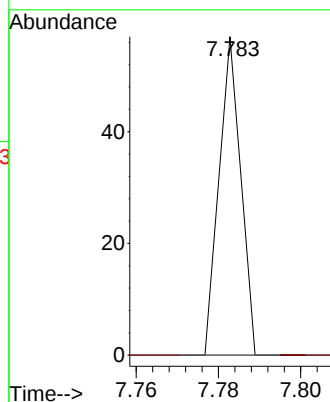
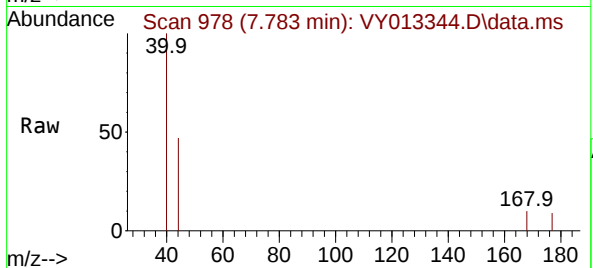




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

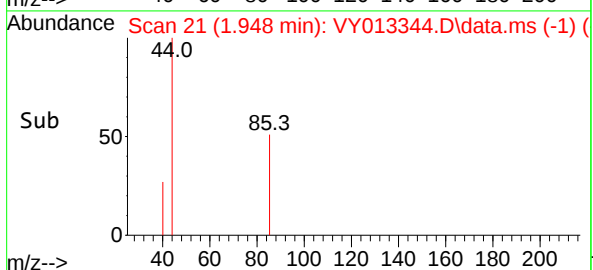
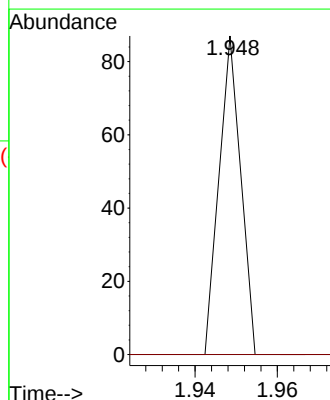
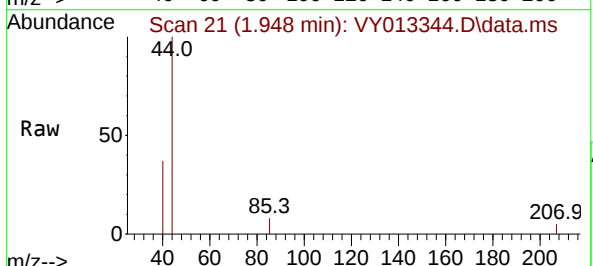
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

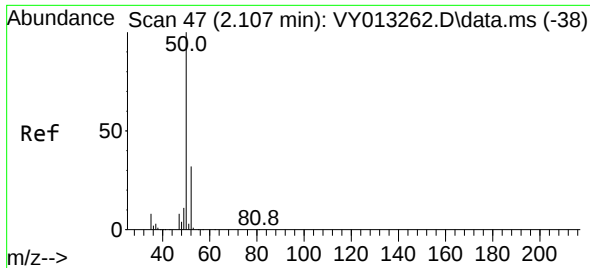
Tgt Ion:168 Resp: 21
Ion Ratio Lower Upper
168 100
99 0.0 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 169.310 ug/l
RT: 1.948 min Scan# 21
Delta R.T. 0.049 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 85 Resp: 32
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.0#

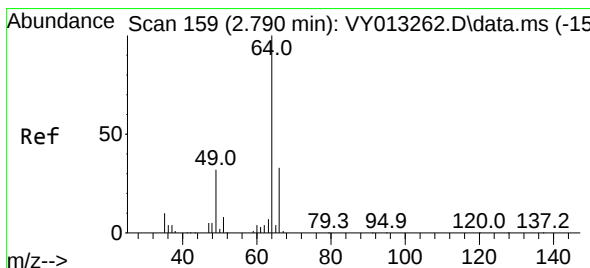
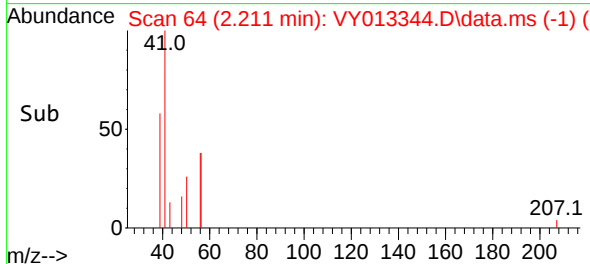
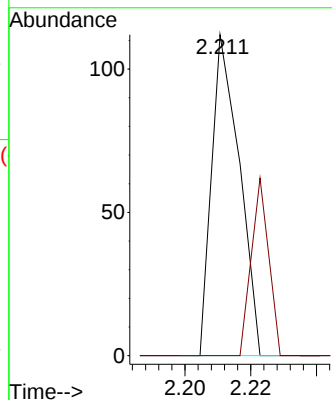
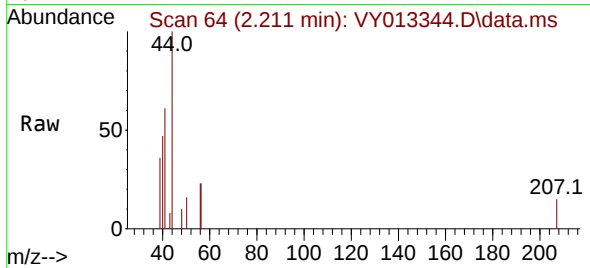




#3
Chloromethane
Concen: 274.509 ug/l
RT: 2.211 min Scan# 64
Delta R.T. 0.103 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

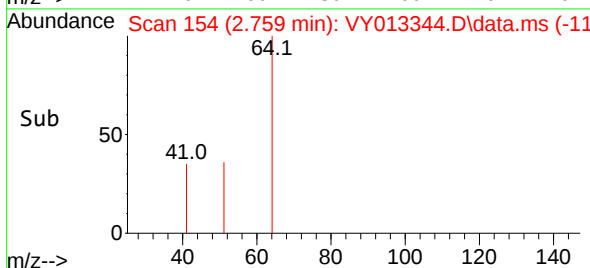
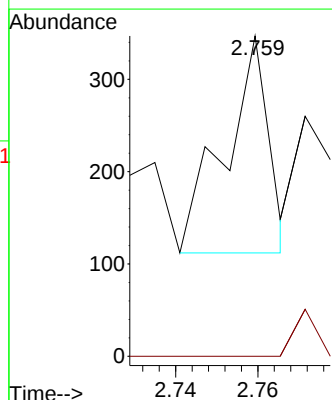
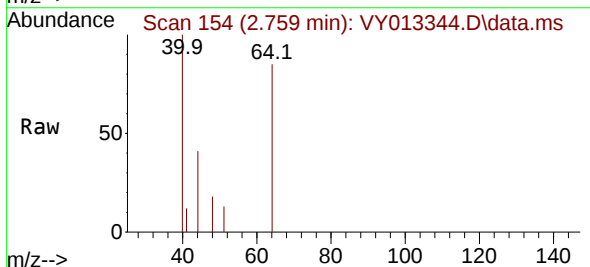
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

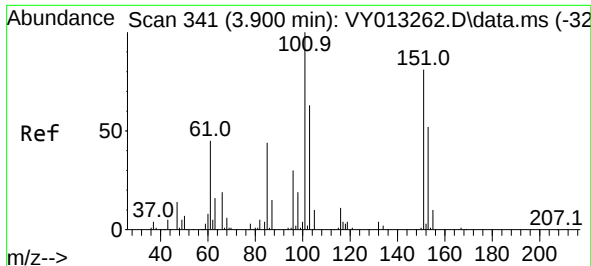
Tgt Ion: 50 Resp: 65
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#



#6
Chloroethane
Concen: 1149.271 ug/l
RT: 2.759 min Scan# 154
Delta R.T. -0.031 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 64 Resp: 174
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#

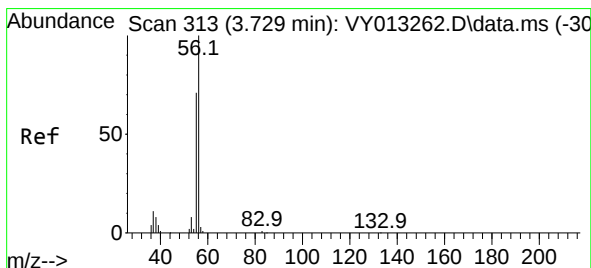
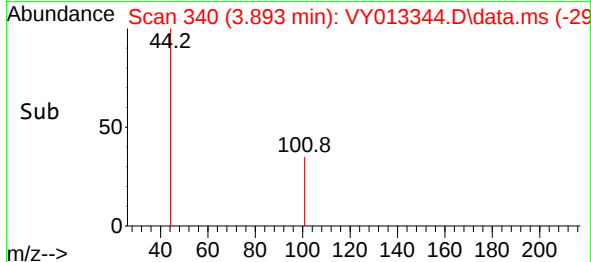
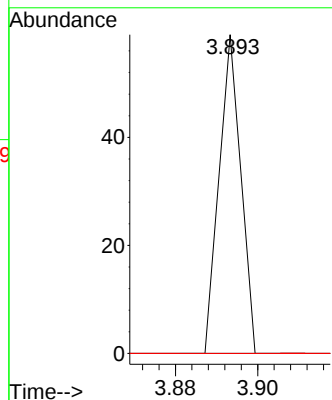
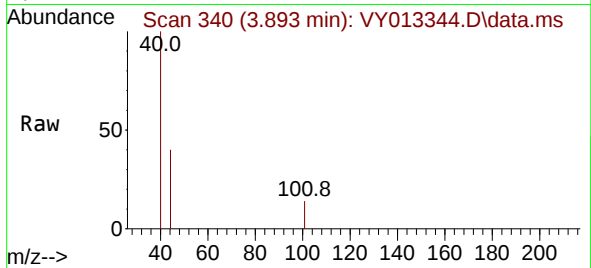




#9
1,1,2-Trichlorotrifluoroethane
Concen: 107.144 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

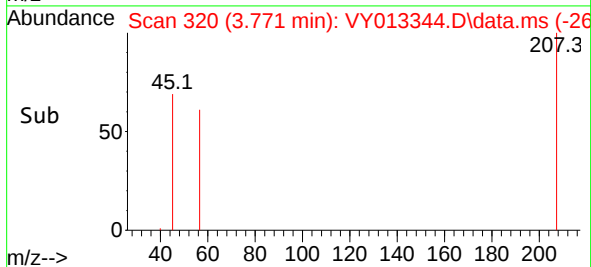
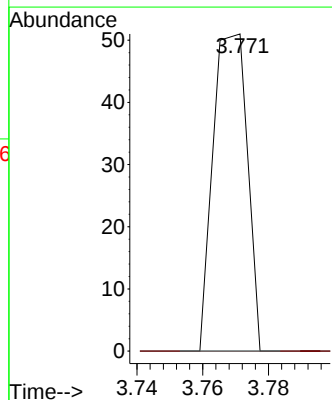
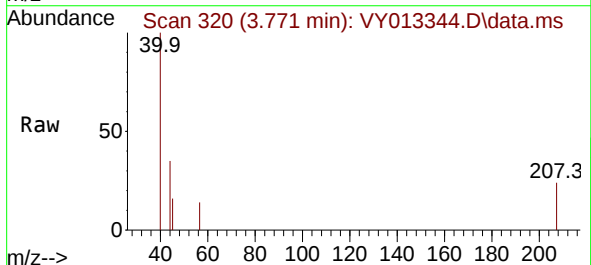
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

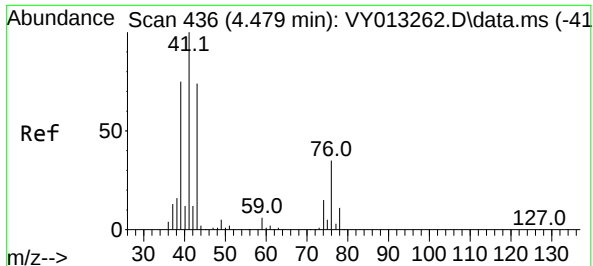
Tgt Ion:101 Resp: 22
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 63.1 94.7#



#13
Acrolein
Concen: 1193.457 ug/l
RT: 3.771 min Scan# 320
Delta R.T. 0.043 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 0.0 56.8 85.2#

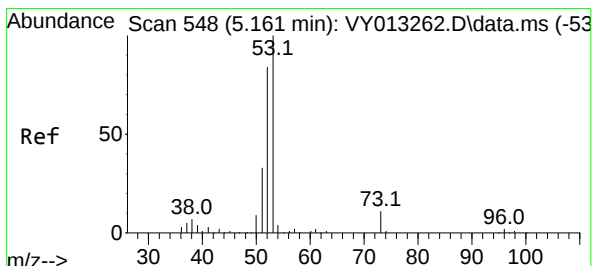
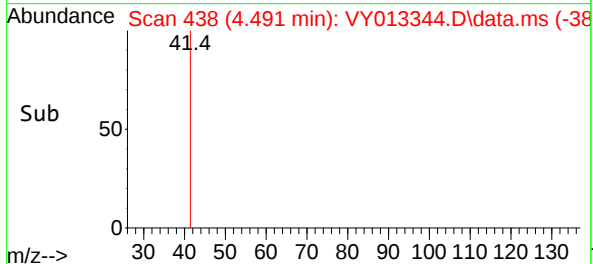
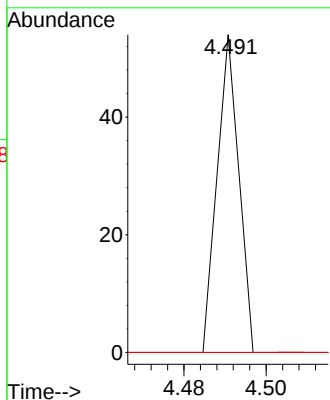
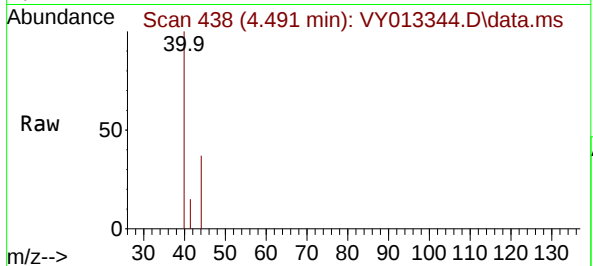




#14
 Allyl chloride
 Concen: 52.983 ug/l
 RT: 4.491 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VY013344.D
 Acq: 19 Apr 2023 14:45

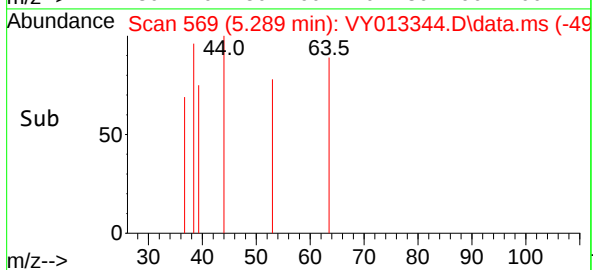
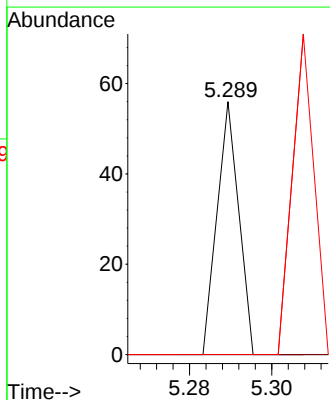
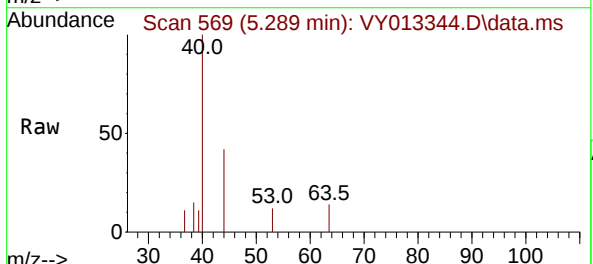
Instrument :
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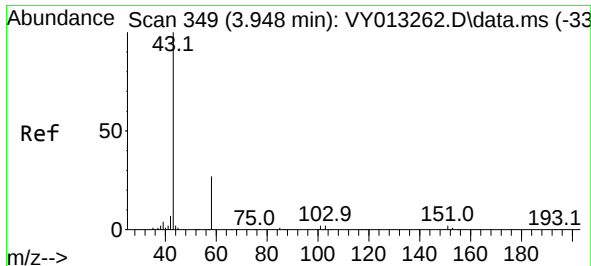
Tgt Ion: 41 Resp: 20
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.6 80.4#
 76 0.0 27.2 40.8#



#15
 Acrylonitrile
 Concen: 274.161 ug/l
 RT: 5.289 min Scan# 569
 Delta R.T. 0.128 min
 Lab File: VY013344.D
 Acq: 19 Apr 2023 14:45

Tgt Ion: 53 Resp: 20
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.3 99.5#
 51 130.0 28.8 43.2#

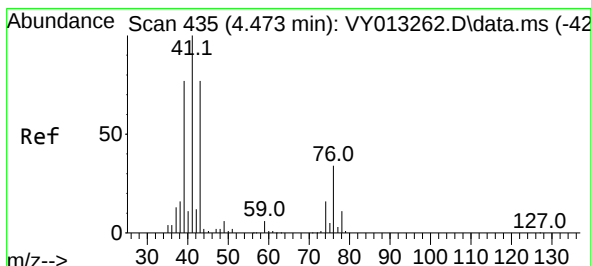
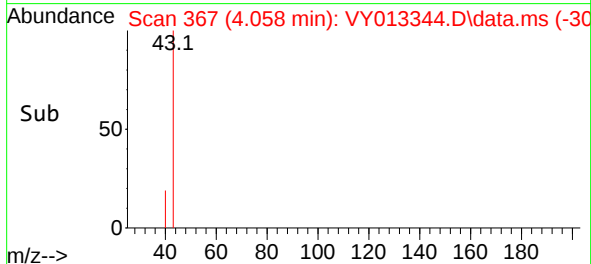
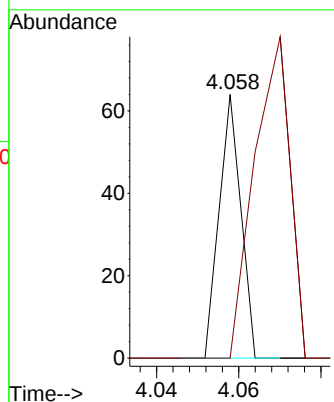
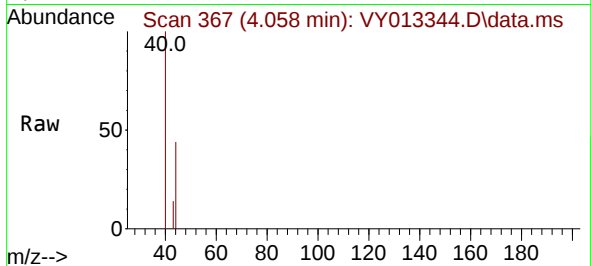




#16
Acetone
Concen: 265.061 ug/l
RT: 4.058 min Scan# 30
Delta R.T. 0.110 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

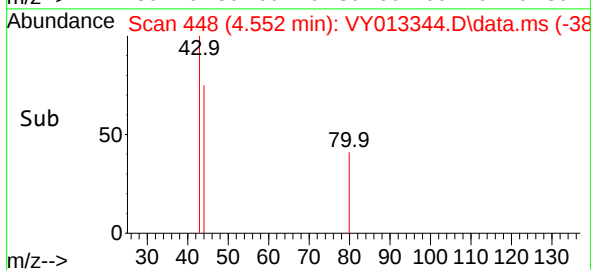
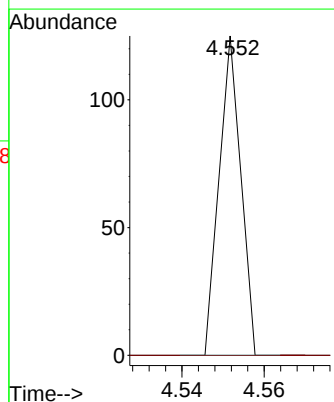
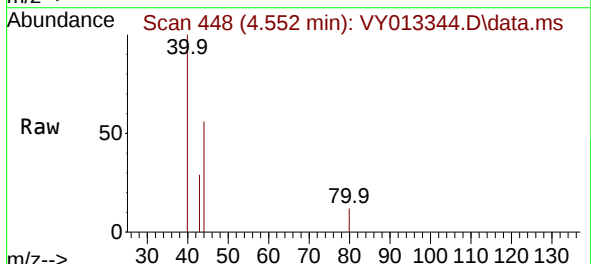
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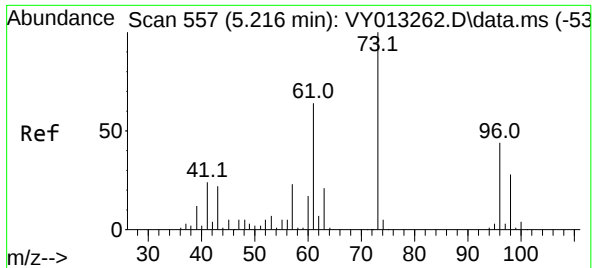
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#18
Methyl Acetate
Concen: 163.910 ug/l
RT: 4.552 min Scan# 448
Delta R.T. 0.079 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 101.360 ug/l

RT: 5.137 min Scan# 54

Delta R.T. -0.079 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

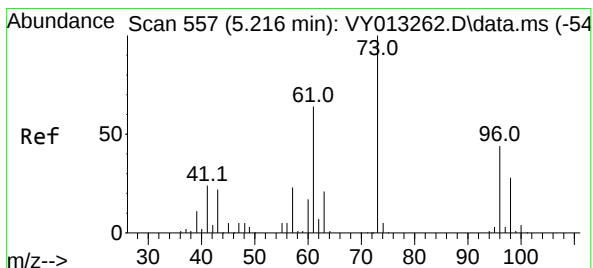
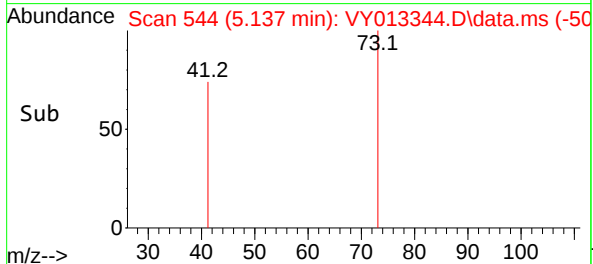
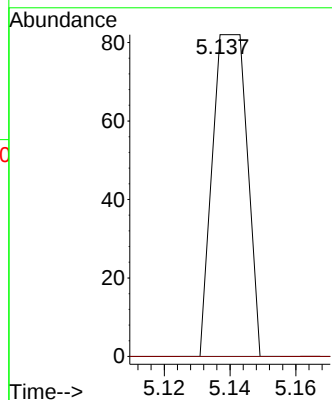
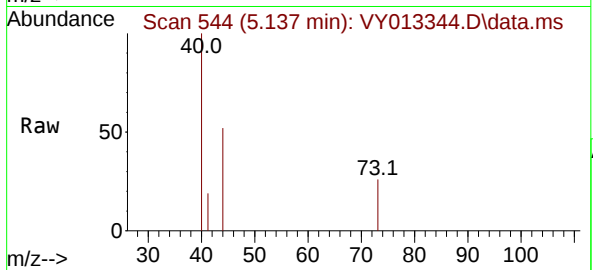
SB-21-8.5-9.0

Tgt Ion: 73 Resp: 60

Ion Ratio Lower Upper

73 100

57 0.0 18.3 27.5#



#21

trans-1,2-Dichloroethene

Concen: 310.316 ug/l

RT: 5.314 min Scan# 573

Delta R.T. 0.097 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

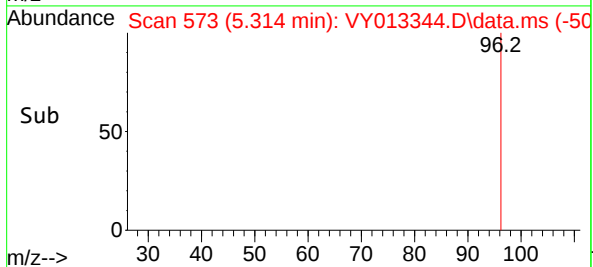
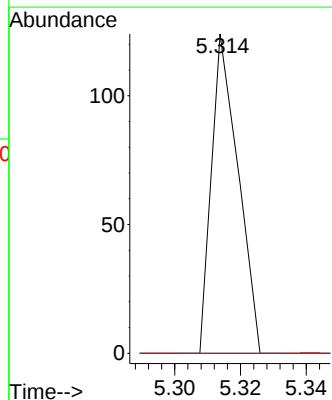
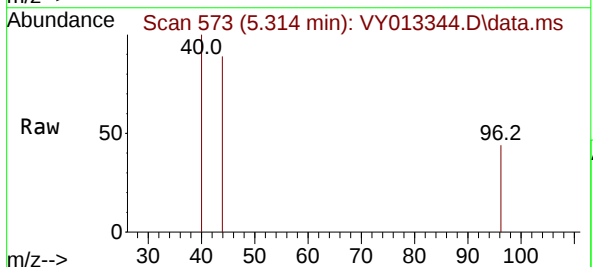
Tgt Ion: 96 Resp: 70

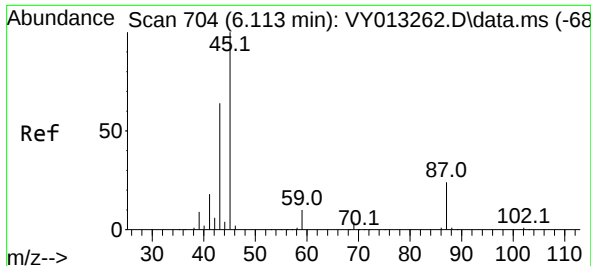
Ion Ratio Lower Upper

96 100

61 0.0 111.4 167.0#

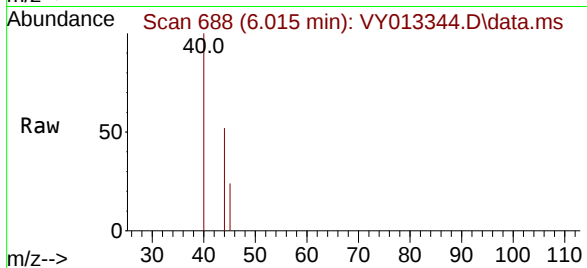
98 0.0 50.8 76.2#



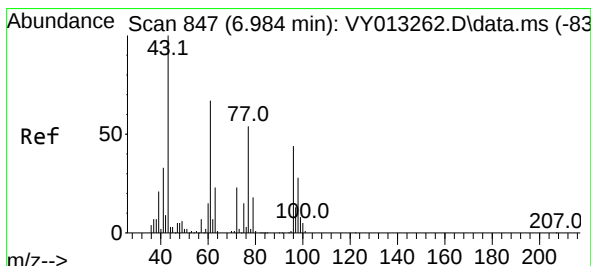
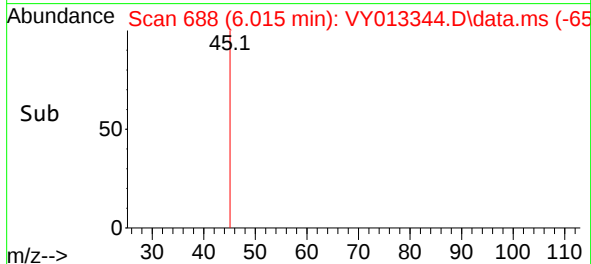
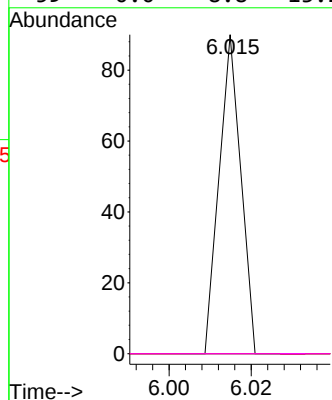


#22
Diisopropyl ether
Concen: 44.359 ug/l
RT: 6.015 min Scan# 61
Delta R.T. -0.098 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

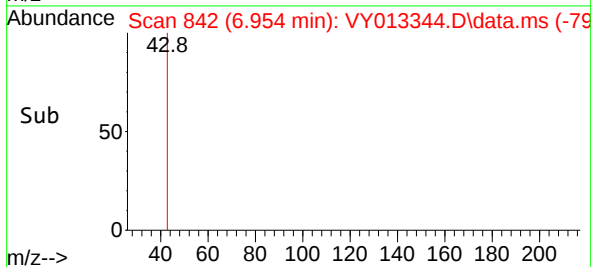
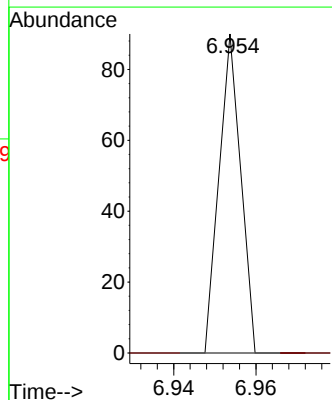
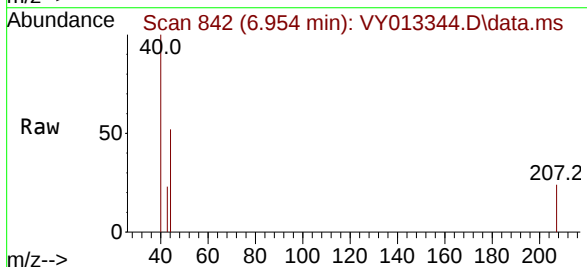


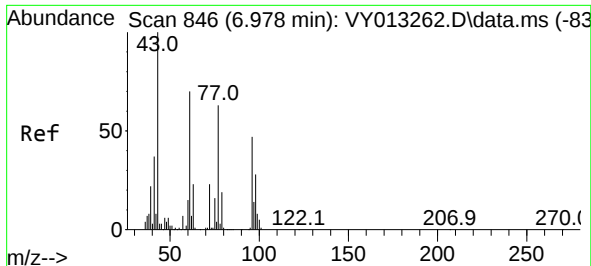
Tgt Ion:	45	Resp:	33
Ion	Ratio	Lower	Upper
45	100		
43	0.0	45.0	67.6#
87	0.0	20.3	30.5#
59	0.0	8.8	13.2#



#25
2-Butanone
Concen: 297.020 ug/l
RT: 6.954 min Scan# 842
Delta R.T. -0.031 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion:	43	Resp:	33
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#





#26

2,2-Dichloropropane

Concen: 56.327 ug/l

RT: 6.716 min Scan# 80

Delta R.T. -0.262 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

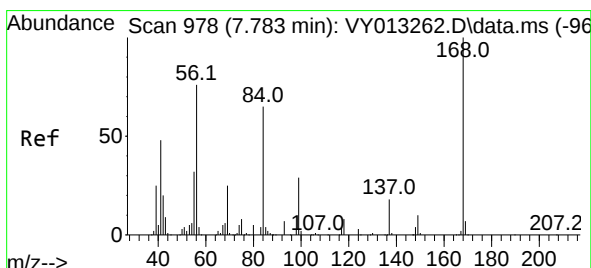
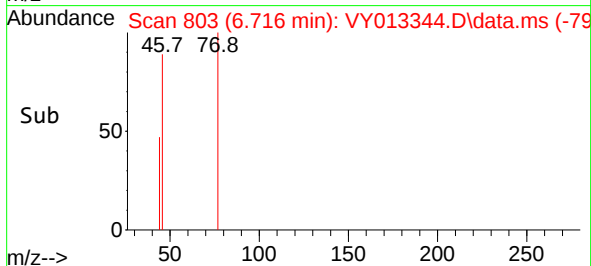
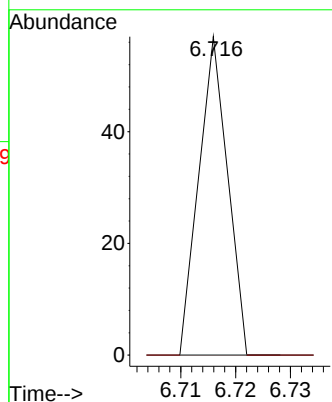
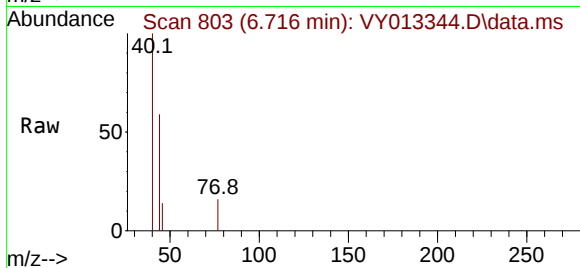
SB-21-8.5-9.0

Tgt Ion: 77 Resp: 21

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 112.684 ug/l

RT: 7.850 min Scan# 989

Delta R.T. 0.067 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

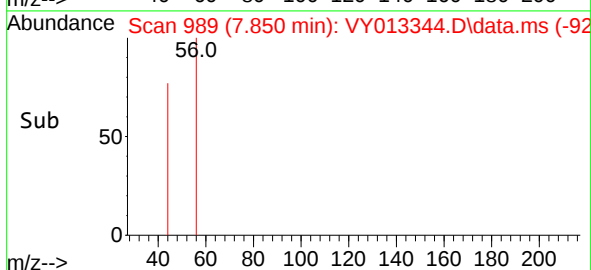
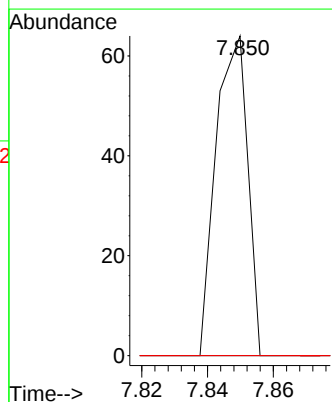
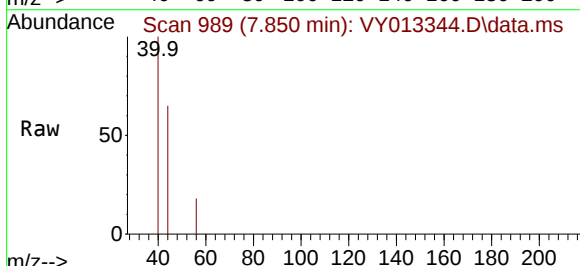
Tgt Ion: 56 Resp: 43

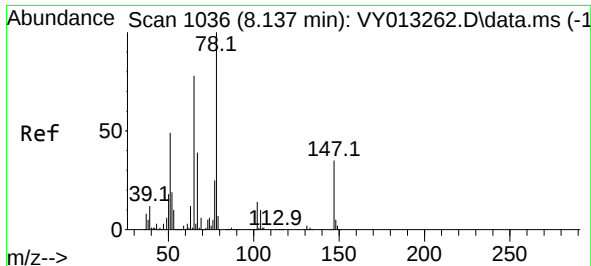
Ion Ratio Lower Upper

56 100

69 0.0 25.7 38.5#

84 0.0 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 114.910 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

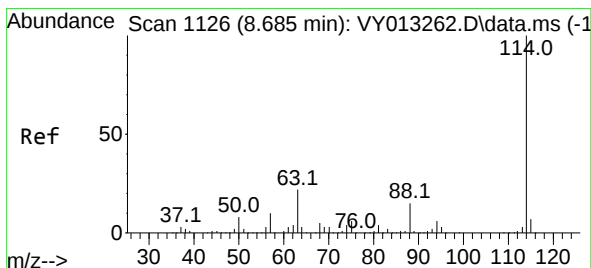
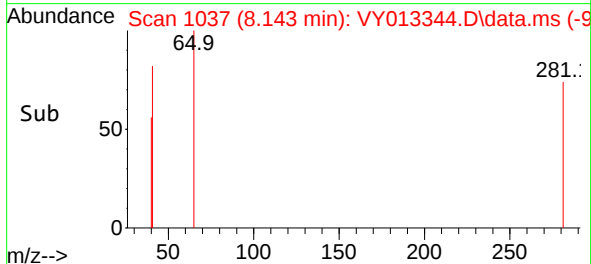
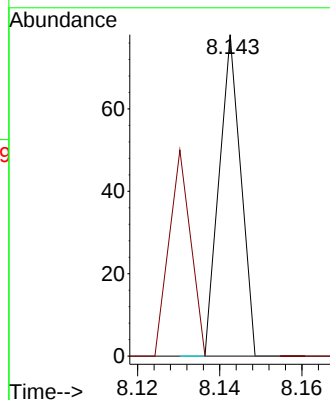
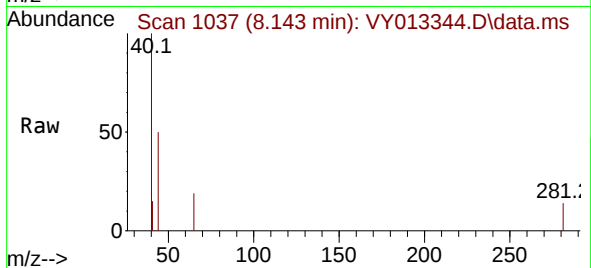
SB-21-8.5-9.0

Tgt Ion: 65 Resp: 29

Ion Ratio Lower Upper

65 100

67 62.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

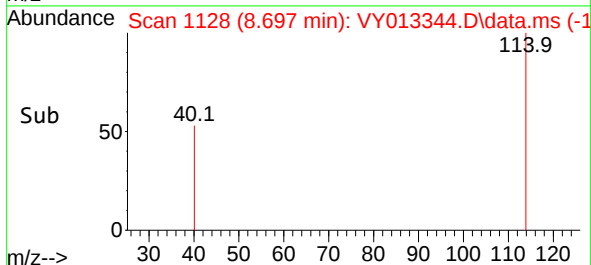
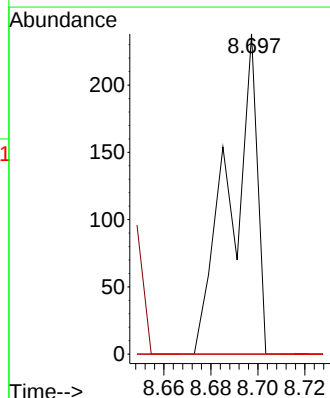
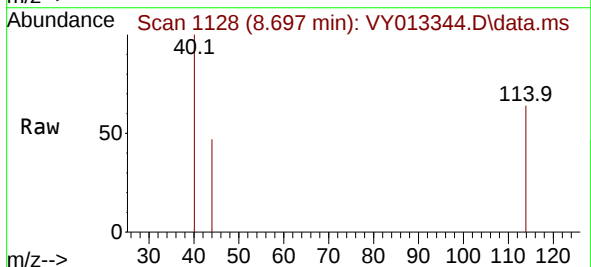
Tgt Ion: 114 Resp: 191

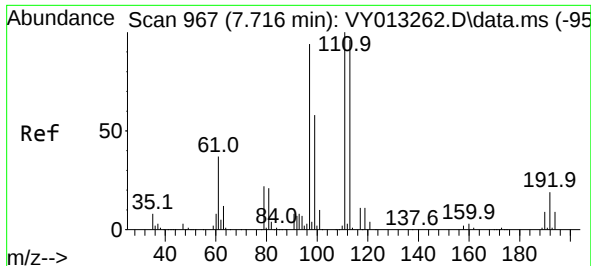
Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 28.6

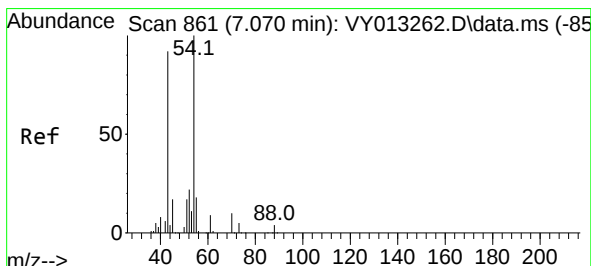
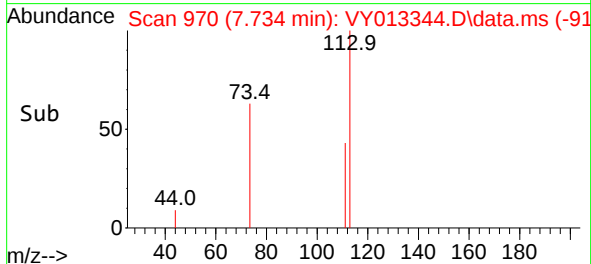
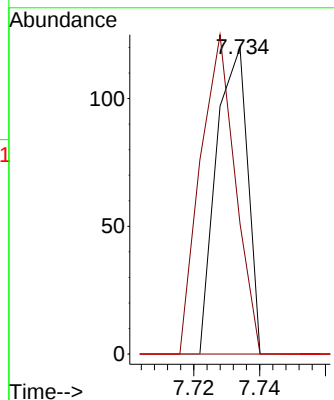
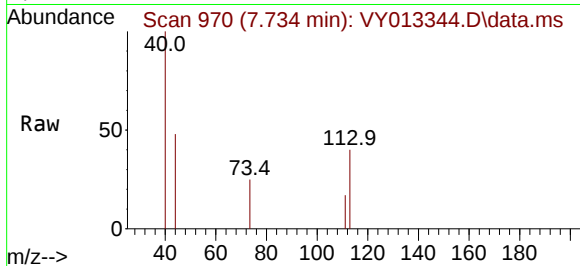




#35
 Dibromofluoromethane
 Concen: 63.889 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.018 min
 Lab File: VY013344.D
 Acq: 19 Apr 2023 14:45

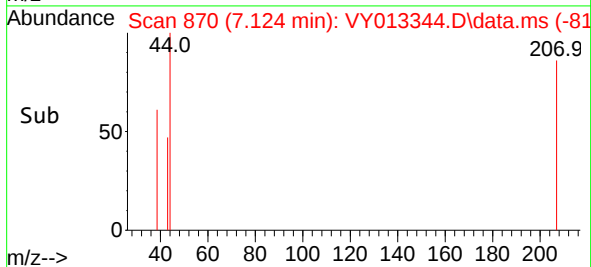
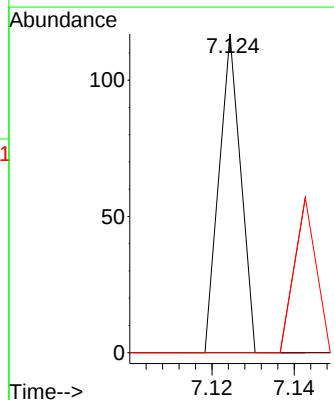
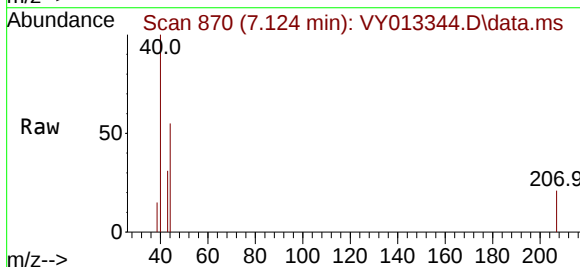
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-8.5-9.0

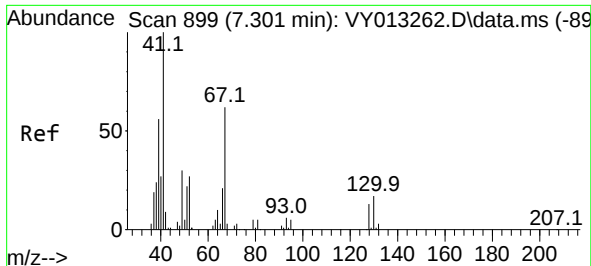
Tgt Ion:	113	Resp:	79
Ion	Ratio	Lower	Upper
113	100		
111	116.5	82.2	123.2
192	0.0	16.8	25.2#



#37
 Ethyl Acetate
 Concen: 28.477 ug/l
 RT: 7.124 min Scan# 870
 Delta R.T. 0.055 min
 Lab File: VY013344.D
 Acq: 19 Apr 2023 14:45

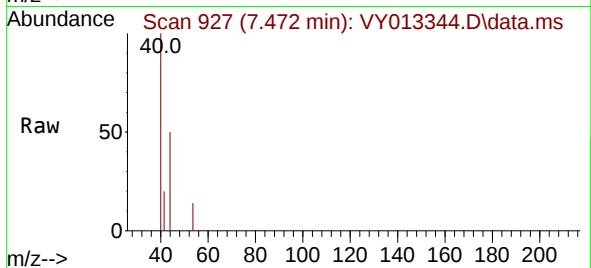
Tgt Ion:	43	Resp:	43
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	48.8	7.8	11.8#



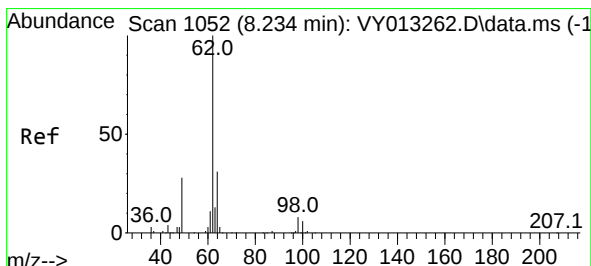
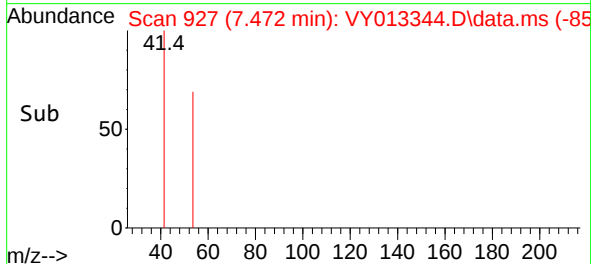
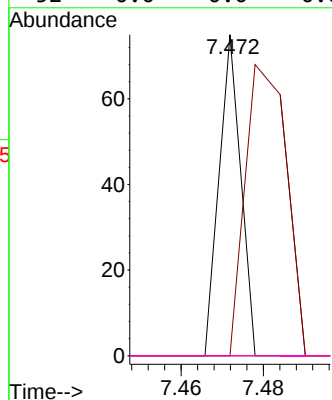


#41
Methacrylonitrile
Concen: 43.100 ug/l
RT: 7.472 min Scan# 91
Delta R.T. 0.171 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

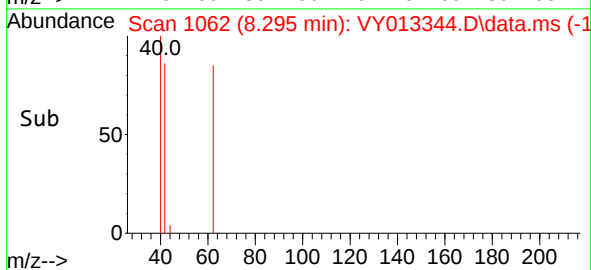
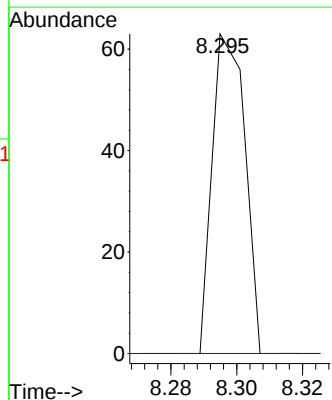
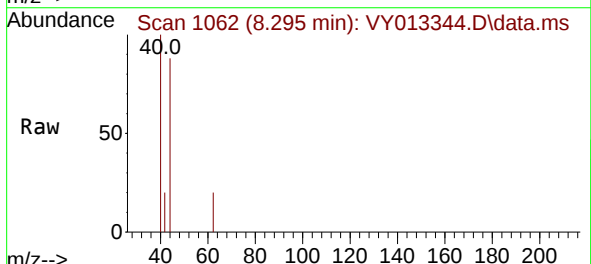


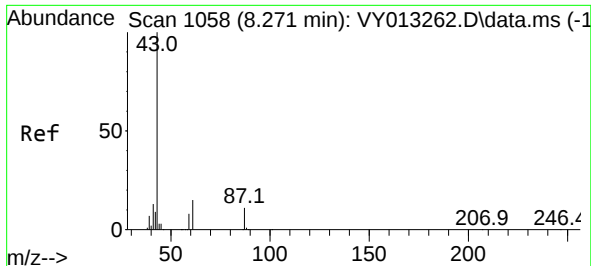
Tgt Ion:	41	Resp:	27
Ion	Ratio	Lower	Upper
41	100		
39	174.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.936 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.061 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion:	62	Resp:	44
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.8

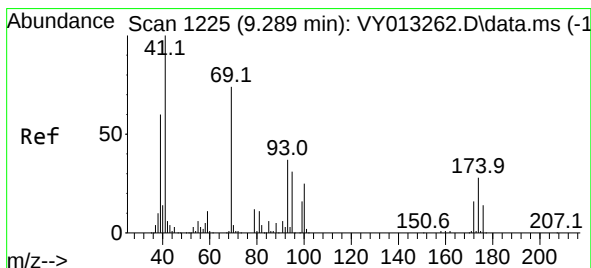
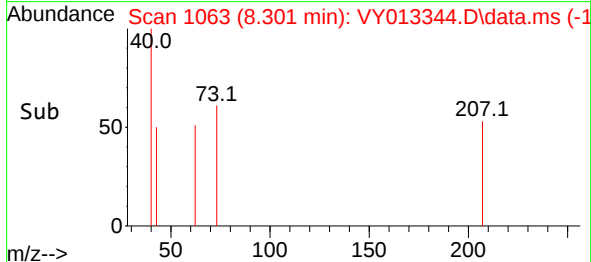
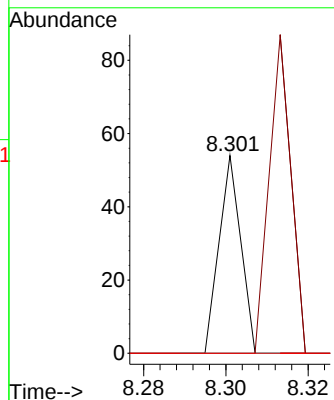
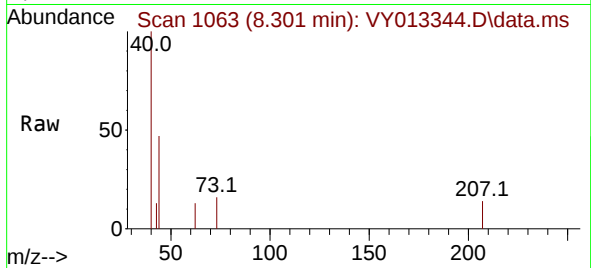




#43
Isopropyl Acetate
Concen: 7.974 ug/l
RT: 8.301 min Scan# 1063
Delta R.T. 0.030 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

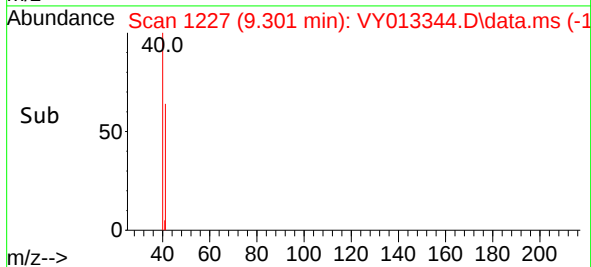
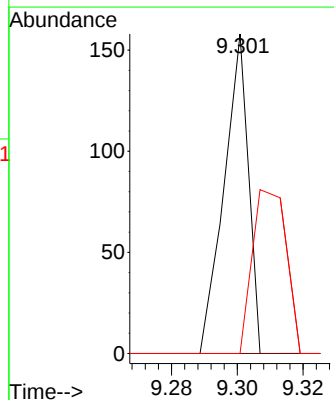
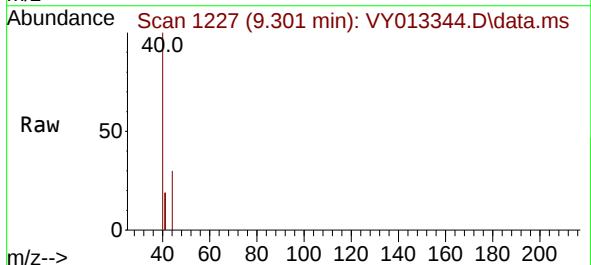
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

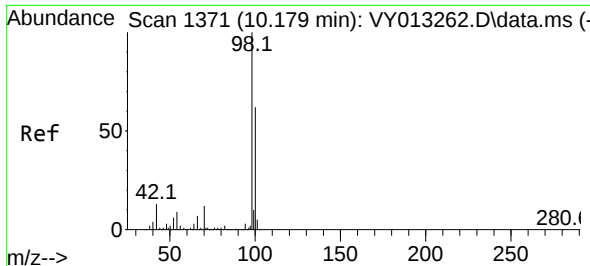
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
61 160.0 21.6 32.4#
87 0.0 9.9 14.9#



#48
Methyl methacrylate
Concen: 70.309 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 41 Resp: 81
Ion Ratio Lower Upper
41 100
69 0.0 64.1 96.1#
39 71.6 44.0 66.0#

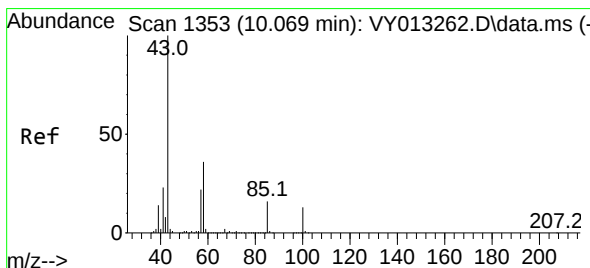
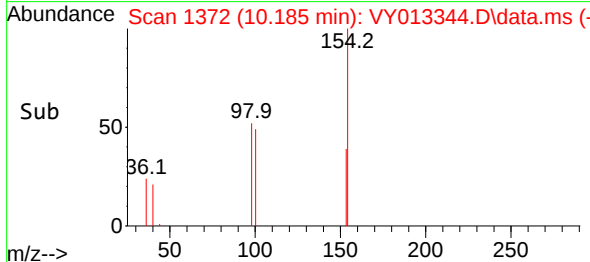
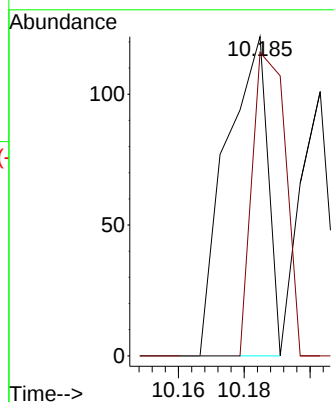
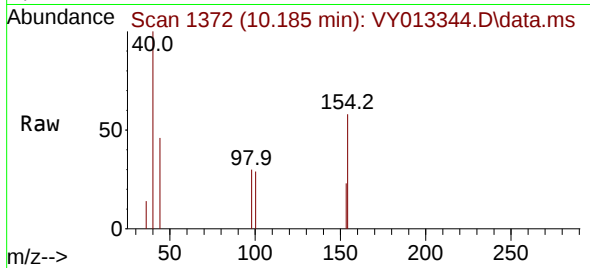




#50
Toluene-d8
Concen: 23.248 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

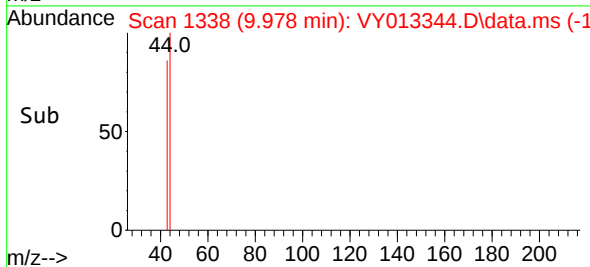
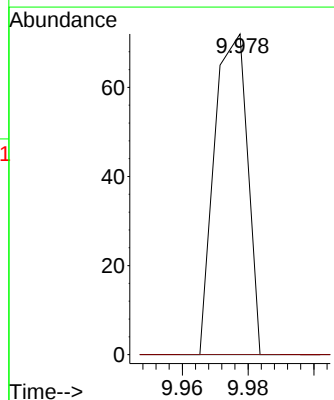
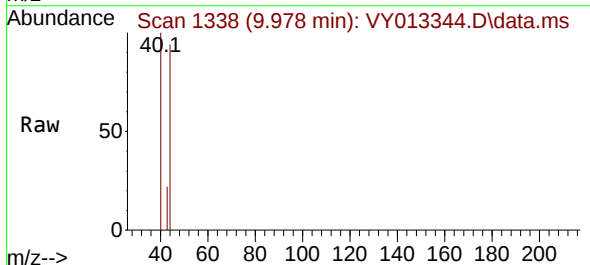
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

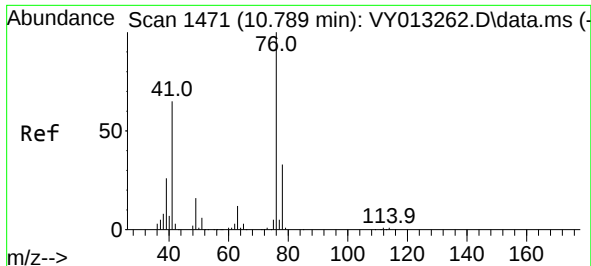
Tgt Ion: 98 Resp: 107
Ion Ratio Lower Upper
98 100
100 76.6 50.9 76.3#



#51
4-Methyl-2-Pentanone
Concen: 36.631 ug/l
RT: 9.978 min Scan# 1338
Delta R.T. -0.092 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.6#





#57

1,3-Dichloropropane

Concen: 33.697 ug/l

RT: 10.794 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

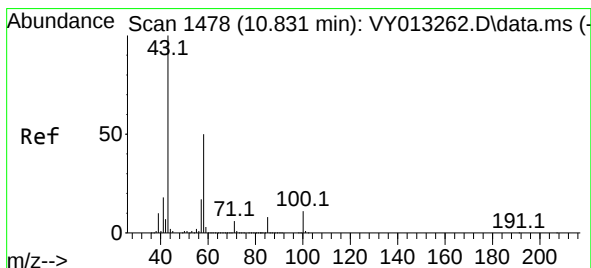
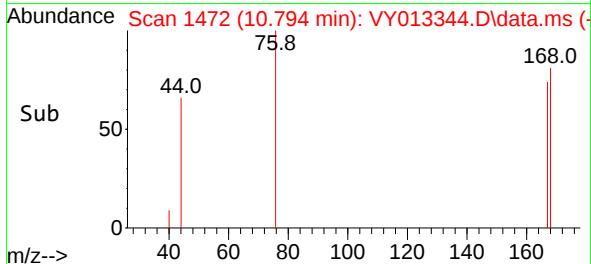
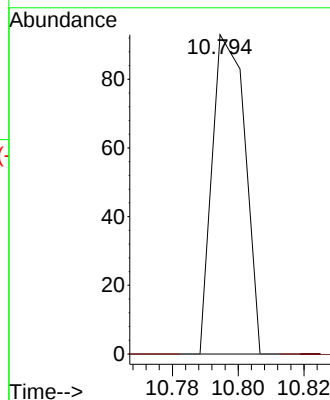
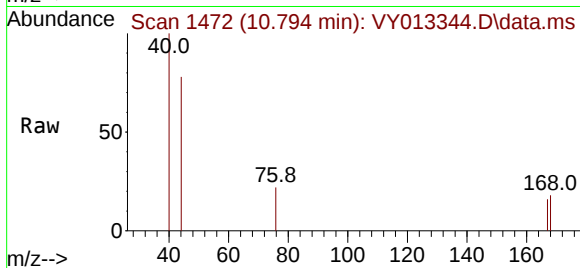
SB-21-8.5-9.0

Tgt Ion: 76 Resp: 64

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



#59

2-Hexanone

Concen: 22.166 ug/l

RT: 11.014 min Scan# 1508

Delta R.T. 0.183 min

Lab File: VY013344.D

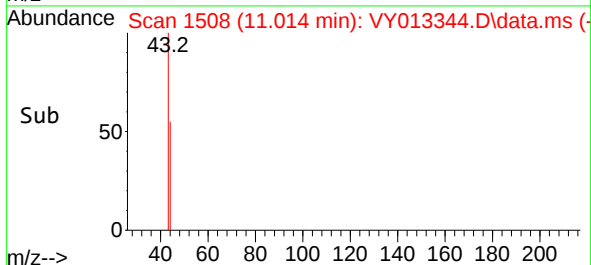
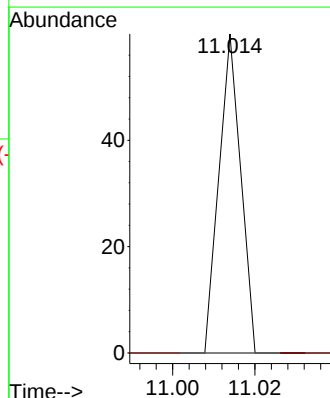
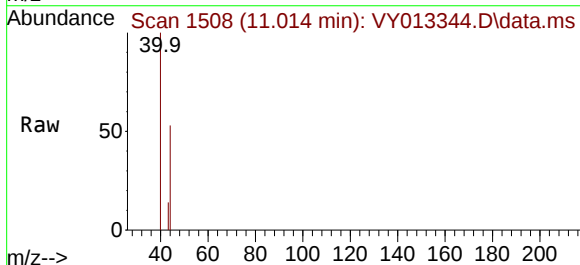
Acq: 19 Apr 2023 14:45

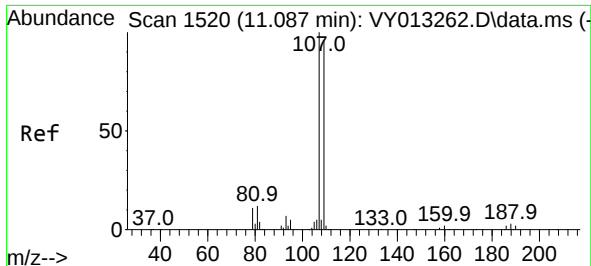
Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.8#

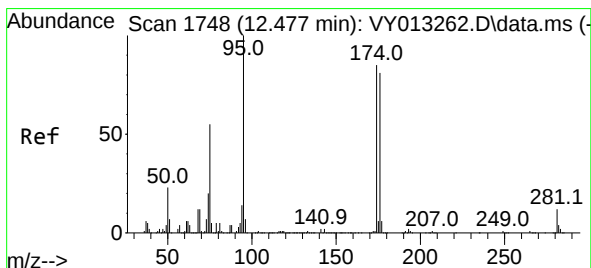
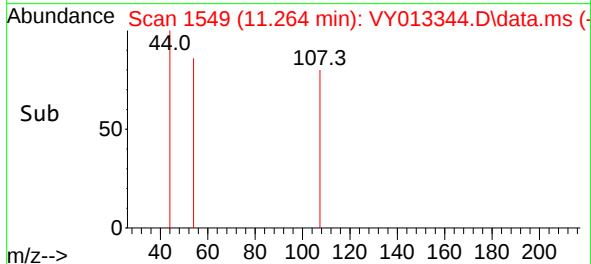
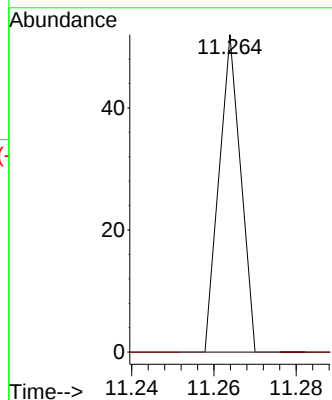
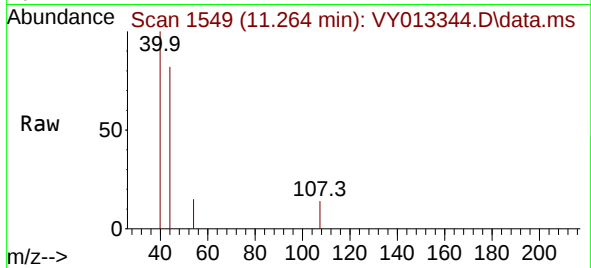




#61
1,2-Dibromoethane
Concen: 17.473 ug/l
RT: 11.264 min Scan# 11
Delta R.T. 0.177 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

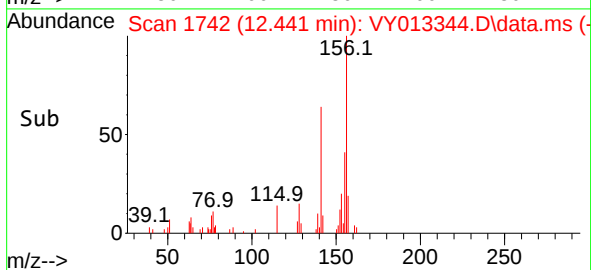
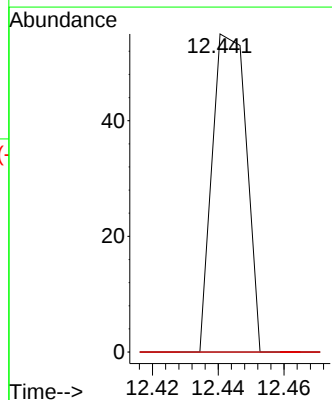
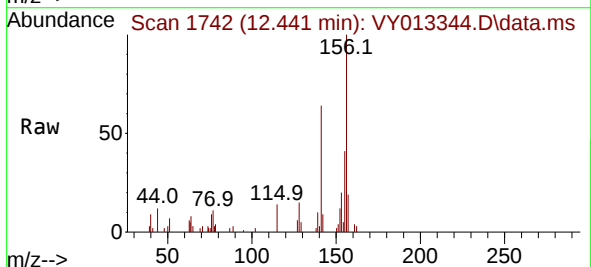
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

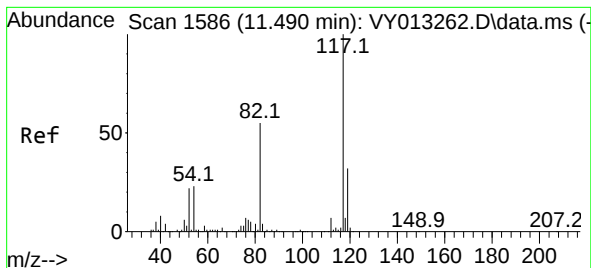
Tgt Ion:107 Resp: 19
Ion Ratio Lower Upper
107 100
109 0.0 75.0 112.6#



#62
4-Bromofluorobenzene
Concen: 26.748 ug/l
RT: 12.441 min Scan# 1742
Delta R.T. -0.037 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 95 Resp: 40
Ion Ratio Lower Upper
95 100
174 0.0 0.0 176.6
176 0.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

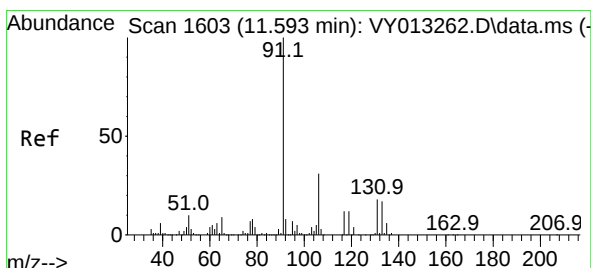
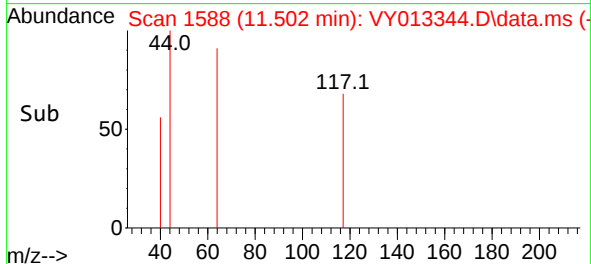
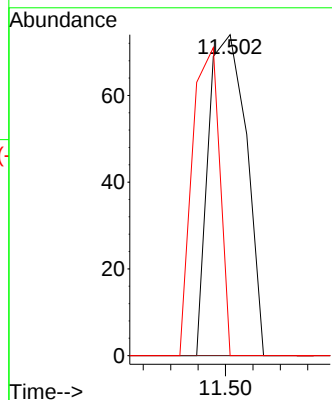
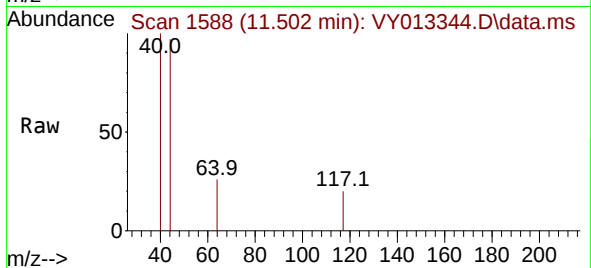
Instrument :

MSVOA_Y

ClientSampleId :

SB-21-8.5-9.0

Tgt Ion:117	Resp:	71
Ion	Ratio	Lower Upper
117	100	
82	0.0	45.4 68.0#
119	0.0	25.6 38.4#



#67

Ethyl Benzene

Concen: 17.783 ug/l

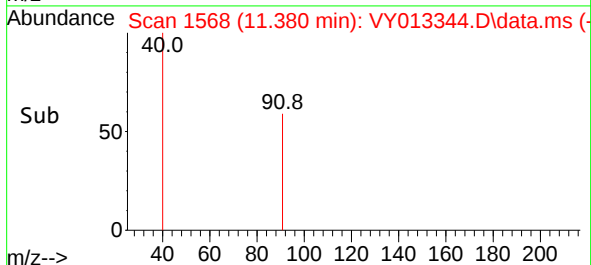
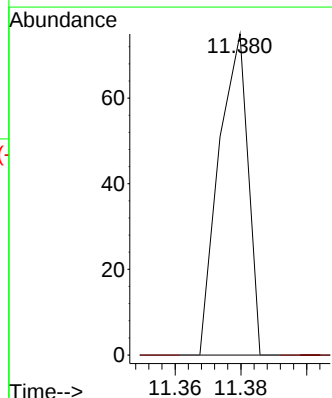
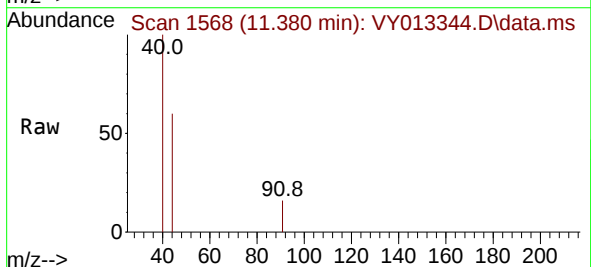
RT: 11.380 min Scan# 1568

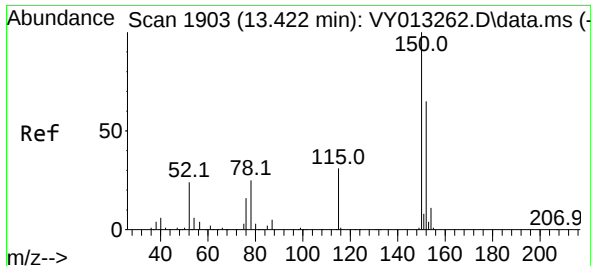
Delta R.T. -0.214 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

Tgt Ion: 91	Resp:	46
Ion	Ratio	Lower Upper
91	100	
106	0.0	25.1 37.7#

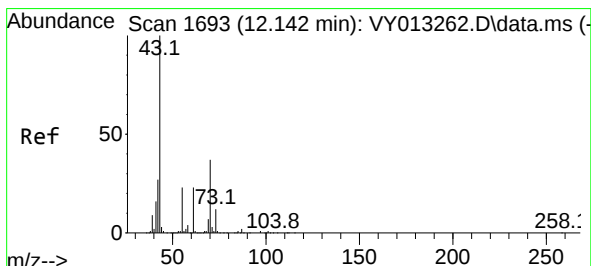
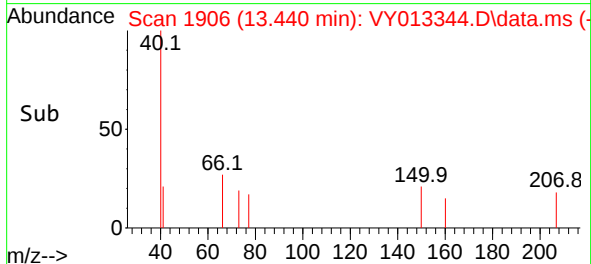
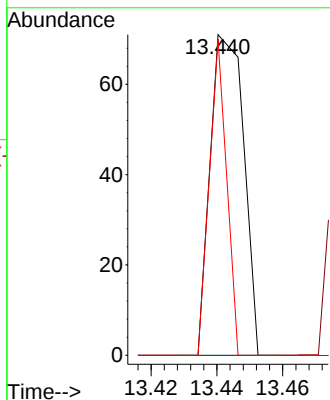
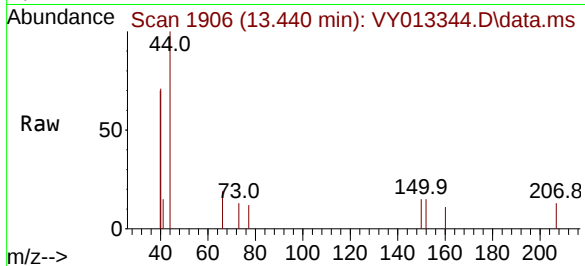




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1903
Delta R.T. 0.018 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

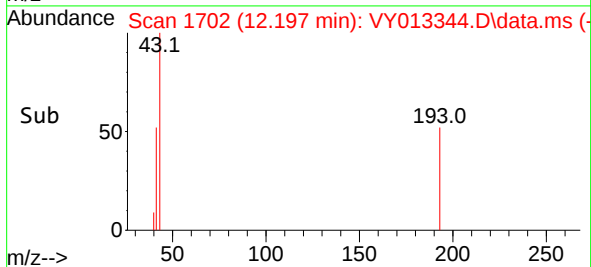
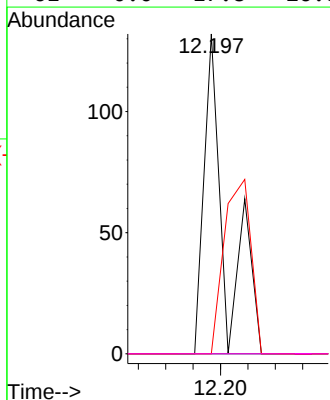
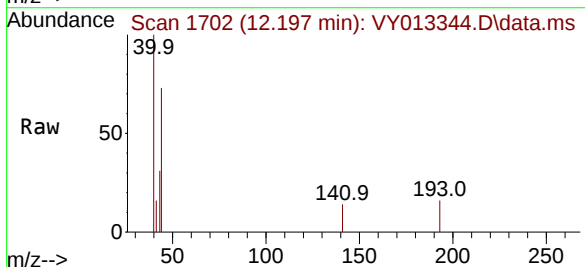
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

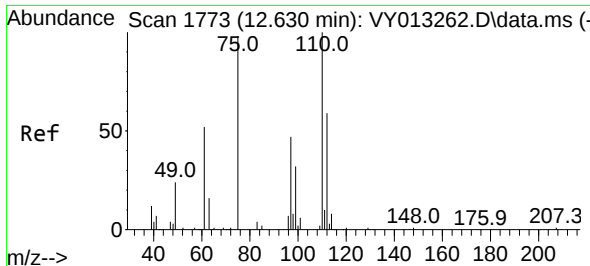
Tgt Ion:152 Resp: 50
Ion Ratio Lower Upper
152 100
115 0.0 27.1 81.3#
150 52.0 0.0 347.8



#74
N-ethyl acetate
Concen: 58.843 ug/l
RT: 12.197 min Scan# 1702
Delta R.T. 0.055 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
70 0.0 31.6 47.4#
55 68.1 18.8 28.2#
61 0.0 17.8 26.8#

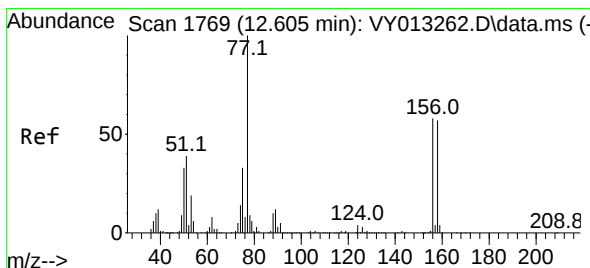
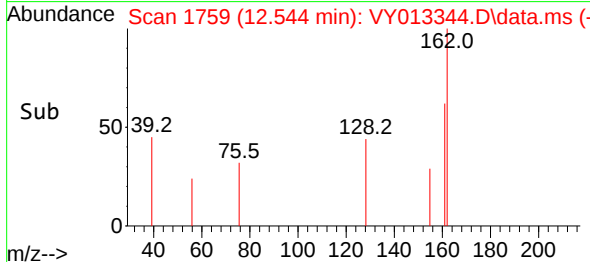
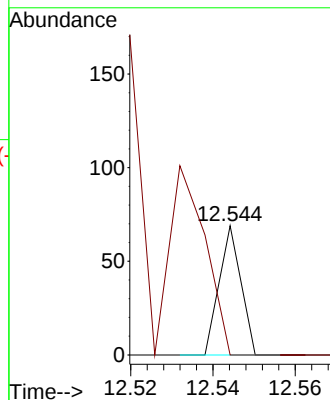
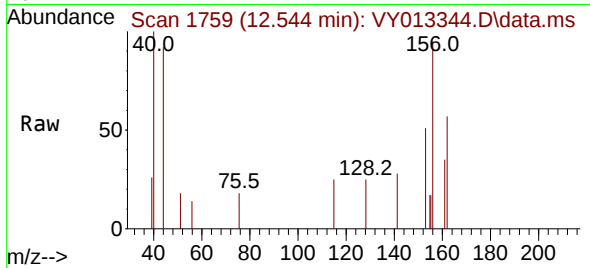




#76
1,2,3-Trichloropropane
Concen: 40.126 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.085 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

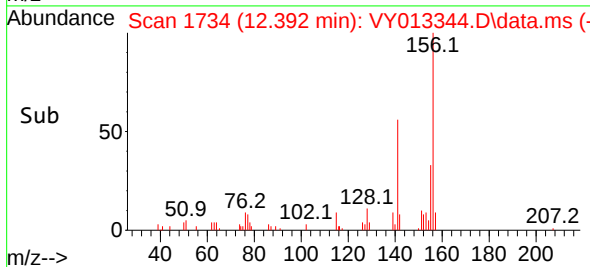
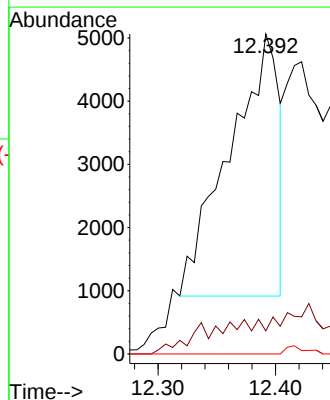
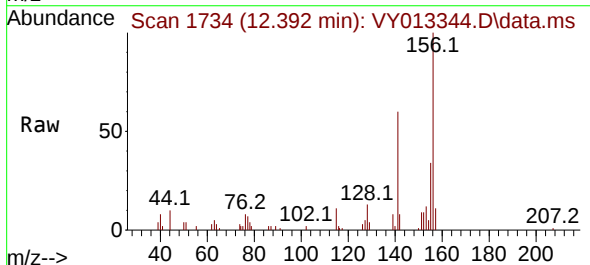
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

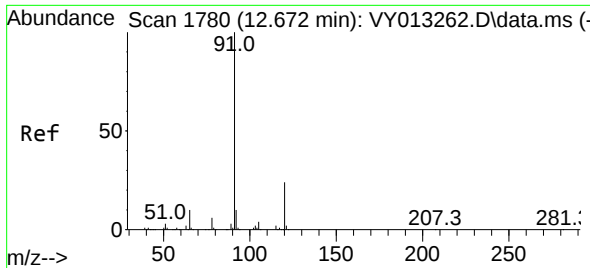
Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 14144.354 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.214 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 156 Resp: 12131
Ion Ratio Lower Upper
156 100
77 3.4 94.0 282.1#
158 0.0 48.1 144.4#

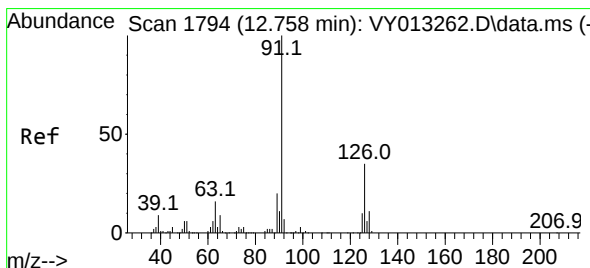
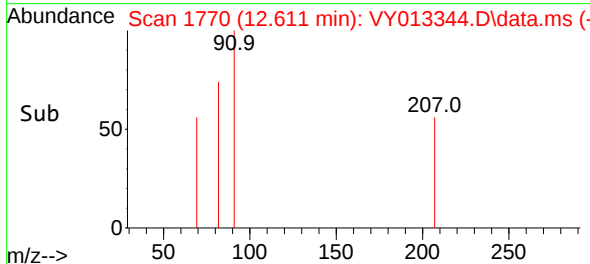
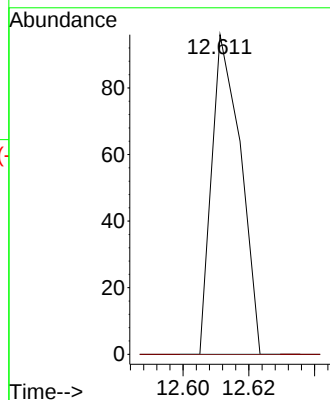
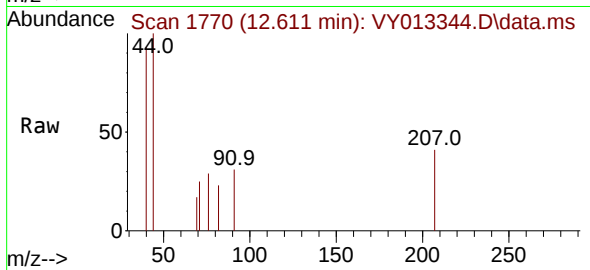




#78
n-propylbenzene
Concen: 13.929 ug/l
RT: 12.611 min Scan# 11
Delta R.T. -0.061 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

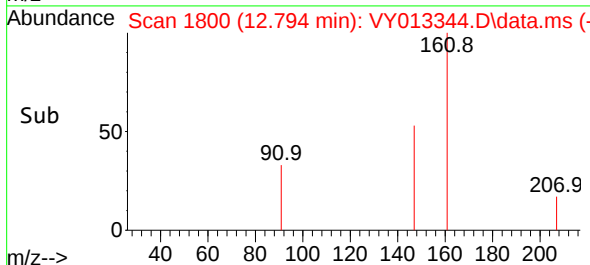
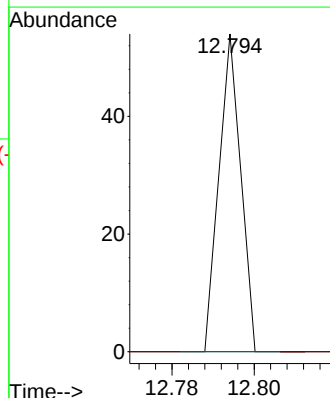
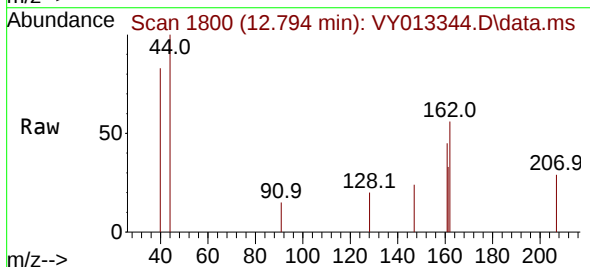
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

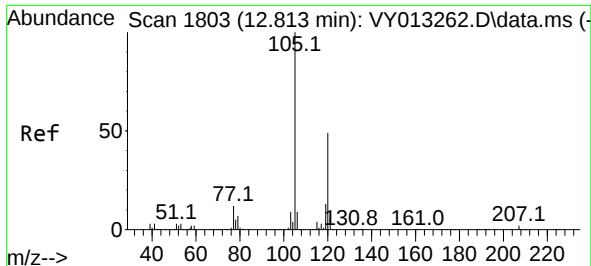
Tgt Ion: 91 Resp: 59
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#



#79
2-Chlorotoluene
Concen: 8.388 ug/l
RT: 12.794 min Scan# 1800
Delta R.T. 0.036 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#

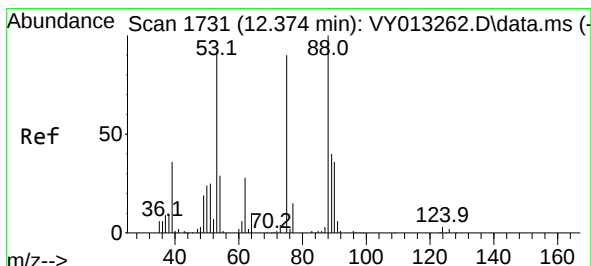
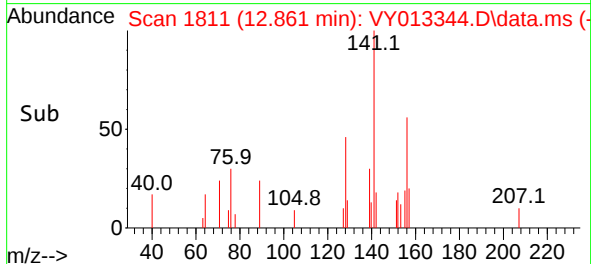
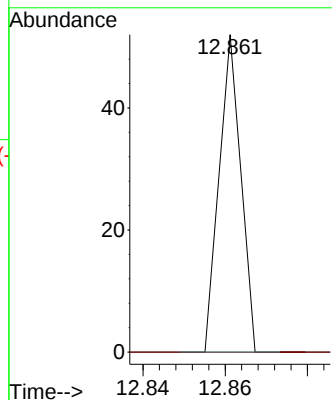
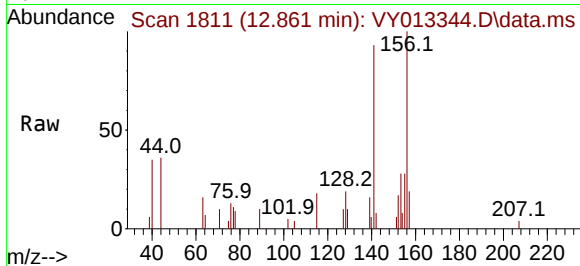




#80
1,3,5-Trimethylbenzene
Concen: 6.614 ug/l
RT: 12.861 min Scan# 11
Delta R.T. 0.049 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

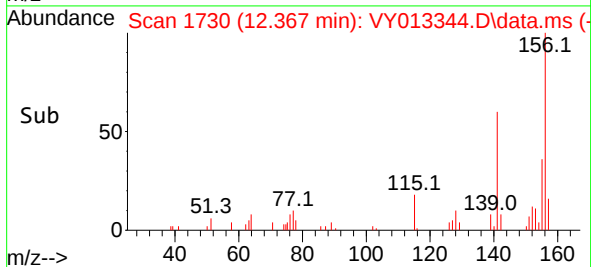
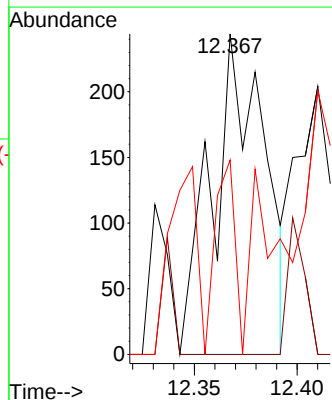
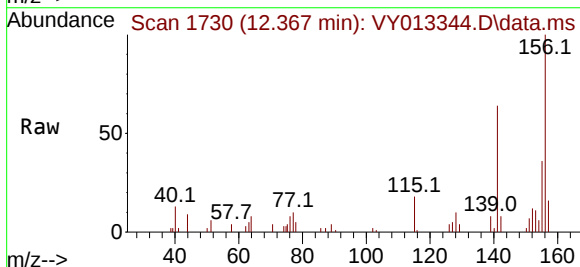
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

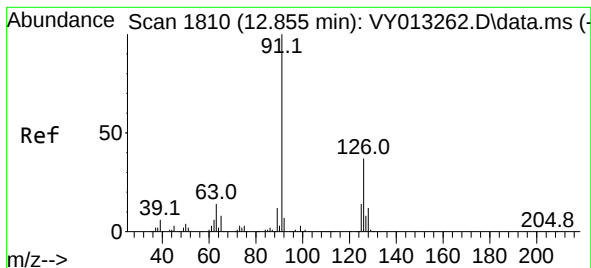
Tgt Ion:105 Resp: 19
Ion Ratio Lower Upper
105 100
120 0.0 24.8 74.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 1429.103 ug/l
RT: 12.367 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 75 Resp: 429
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 22.8 36.6 55.0#

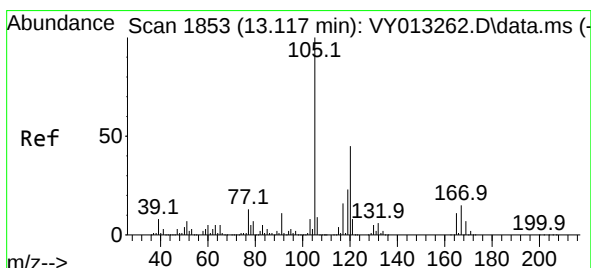
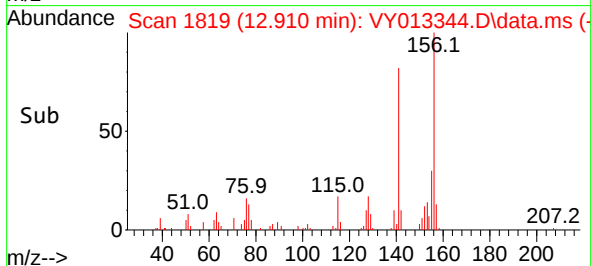
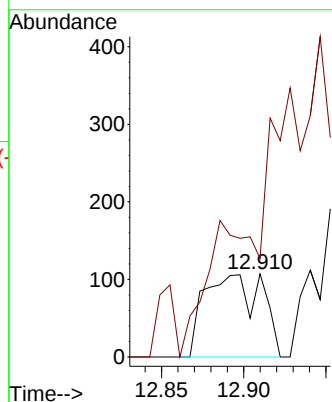
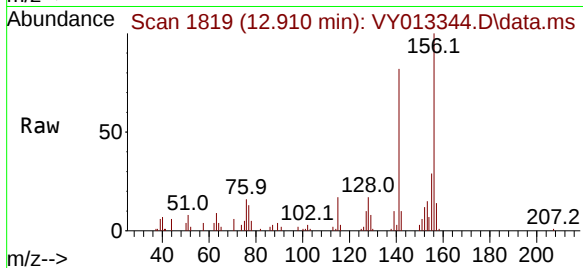




#82
4-Chlorotoluene
Concen: 101.845 ug/l
RT: 12.910 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

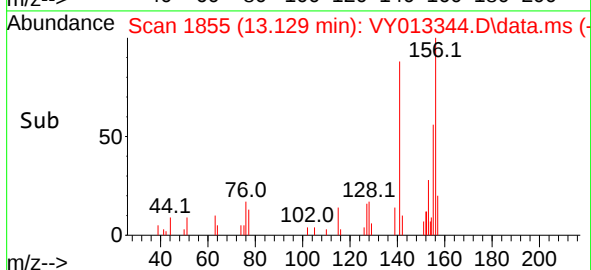
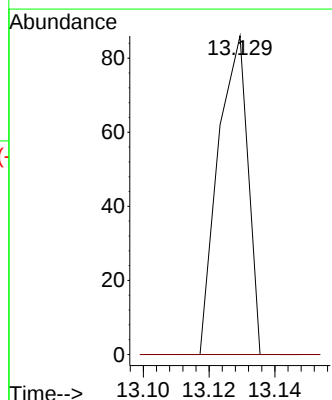
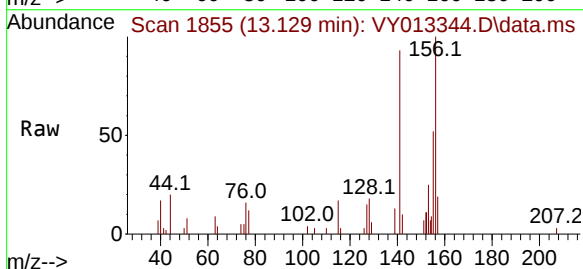
Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

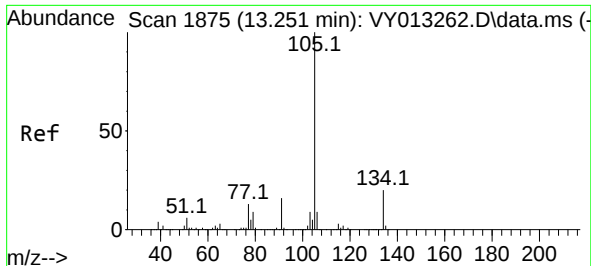
Tgt Ion: 91 Resp: 256
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#



#84
1,2,4-Trimethylbenzene
Concen: 19.314 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.012 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Tgt Ion: 105 Resp: 54
Ion Ratio Lower Upper
105 100
120 0.0 23.0 69.0#

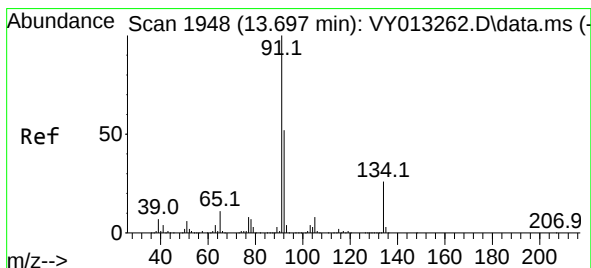
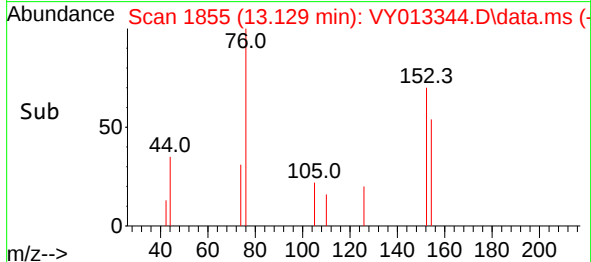
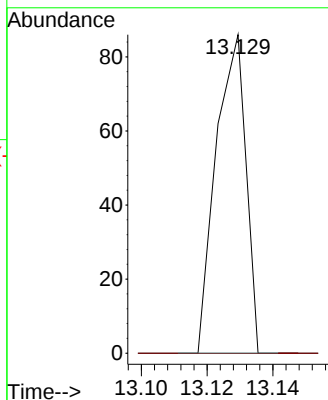
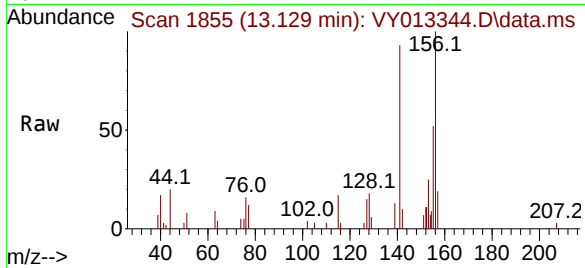




#85
 sec-Butylbenzene
 Concen: 14.649 ug/l
 RT: 13.129 min Scan# 11
 Delta R.T. -0.122 min
 Lab File: VY013344.D
 Acq: 19 Apr 2023 14:45

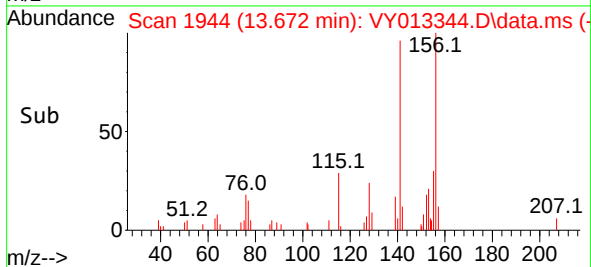
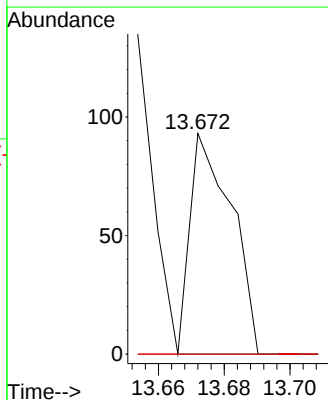
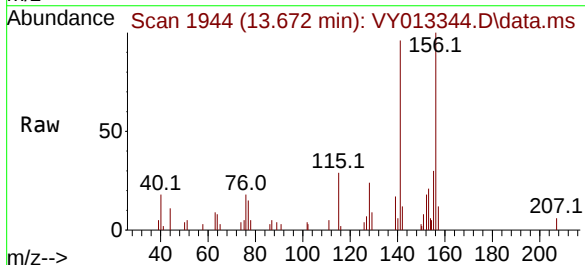
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-21-8.5-9.0

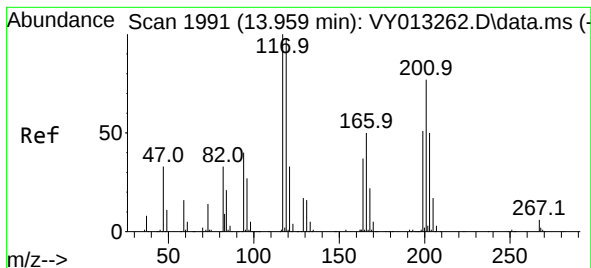
Tgt Ion:105 Resp: 54
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 28.343 ug/l
 RT: 13.672 min Scan# 1944
 Delta R.T. -0.025 min
 Lab File: VY013344.D
 Acq: 19 Apr 2023 14:45

Tgt Ion: 91 Resp: 82
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.4 79.0#
 134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 84.032 ug/l

RT: 13.818 min Scan# 1991

Delta R.T. -0.140 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

Instrument :

MSVOA_Y

ClientSampleId :

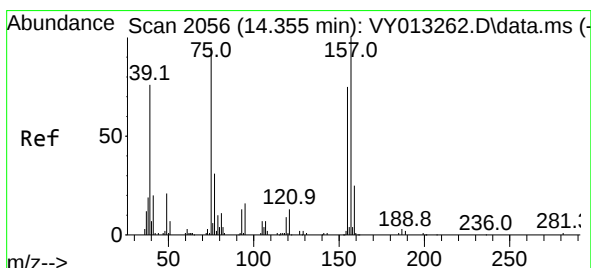
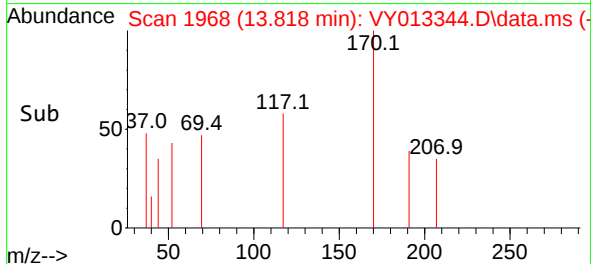
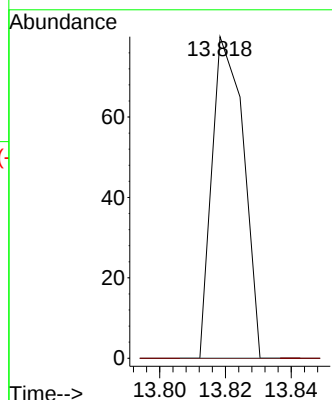
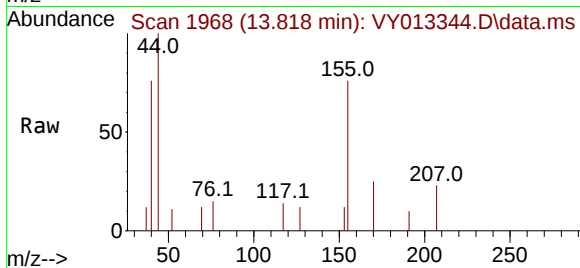
SB-21-8.5-9.0

Tgt Ion:117 Resp: 53

Ion Ratio Lower Upper

117 100

201 0.0 39.4 118.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 123.490 ug/l

RT: 14.160 min Scan# 2024

Delta R.T. -0.195 min

Lab File: VY013344.D

Acq: 19 Apr 2023 14:45

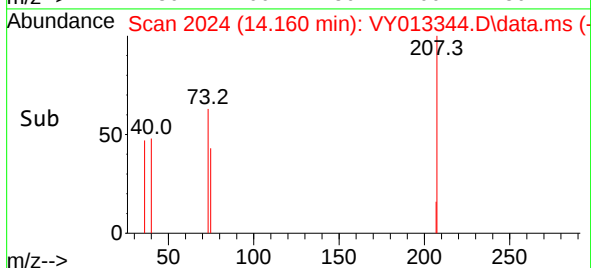
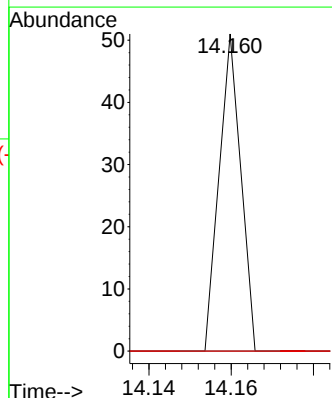
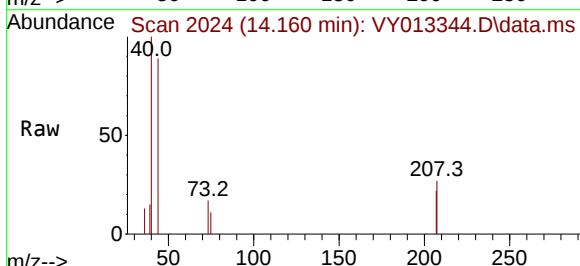
Tgt Ion: 75 Resp: 19

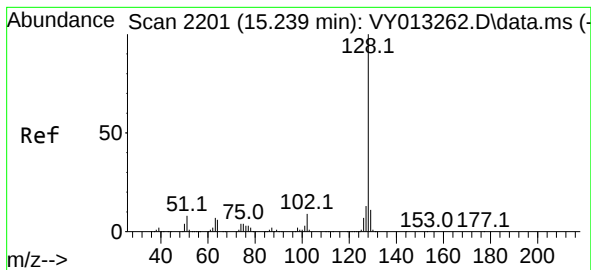
Ion Ratio Lower Upper

75 100

155 0.0 43.8 131.4#

157 0.0 54.1 162.3#





#95
Naphthalene
Concen: 59.552 ug/l
RT: 15.227 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY013344.D
Acq: 19 Apr 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
SB-21-8.5-9.0

Tgt Ion:128 Resp: 132
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 40.2 8.6 13.0#

