

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013535.D
 Acq On : 01 May 2023 13:28
 Operator : KP/MD
 Sample : 02557-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-A

Quant Time: May 01 22:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	168	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	230	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	357	193.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	387.700%#
35) Dibromofluoromethane	7.710	113	255	75.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.160%#
50) Toluene-d8	10.191	98	497	41.135	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.260%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	168	78.473	ug/l	# 42
5) Bromomethane	2.680	94	76	44.740	ug/l	# 33
6) Chloroethane	2.790	64	19	12.902	ug/l	# 44
8) Diethyl Ether	3.589	74	20	18.187	ug/l	# 2
10) Methyl Iodide	4.107	142	300	131.867	ug/l	# 39
11) Tert butyl alcohol	5.058	59	20	96.816	ug/l	# 89
13) Acrolein	3.802	56	19	113.232	ug/l	# 16
14) Allyl chloride	4.332	41	19	5.865	ug/l	# 22
16) Acetone	3.967	43	25	34.470	ug/l	# 43
17) Carbon Disulfide	4.229	76	24	4.232	ug/l	# 75
18) Methyl Acetate	4.436	43	29	12.107	ug/l	# 51
19) Methyl tert-butyl Ether	5.119	73	19	3.769	ug/l	# 53
20) Methylene Chloride	4.716	84	81	32.881	ug/l	# 48
21) trans-1,2-Dichloroethene	5.247	96	19	9.953	ug/l	# 1
22) Diisopropyl ether	6.009	45	19	3.001	ug/l	# 33
23) Vinyl Acetate	5.966	43	29	8.089	ug/l	# 72
24) 1,1-Dichloroethane	5.936	63	21	5.950	ug/l	# 82
25) 2-Butanone	7.155	43	41	44.575	ug/l	# 47
26) 2,2-Dichloropropane	7.021	77	24	7.892	ug/l	# 52
28) Bromochloromethane	7.283	49	25	19.962	ug/l	# 7
29) Tetrahydrofuran	7.368	42	21	36.678	ug/l	# 32
31) Cyclohexane	7.929	56	37	11.221	ug/l	# 14
37) Ethyl Acetate	7.155	43	41	9.666	ug/l	# 69
41) Methacrylonitrile	7.338	41	48	24.283	ug/l	# 22
43) Isopropyl Acetate	8.265	43	20	2.793	ug/l	# 53
48) Methyl methacrylate	9.356	41	24	7.299	ug/l	# 12
51) 4-Methyl-2-Pentanone	10.130	43	21	5.264	ug/l	# 37
59) 2-Hexanone	10.941	43	19	6.551	ug/l	# 26
67) Ethyl Benzene	11.599	91	43	4.887	ug/l	# 43
74) N-amyl acetate	12.185	43	22	29.191	ug/l	# 43
76) 1,2,3-Trichloropropane	12.483	75	26	68.853	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.806	105	25	14.463	ug/l	# 28
81) trans-1,4-Dichloro-2-b...	12.483	75	26	140.843	ug/l	# 12
83) tert-Butylbenzene	13.111	119	22	14.691	ug/l	# 27
84) 1,2,4-Trimethylbenzene	13.258	105	28	16.661	ug/l	# 31
85) sec-Butylbenzene	13.258	105	28	12.458	ug/l	# 56

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

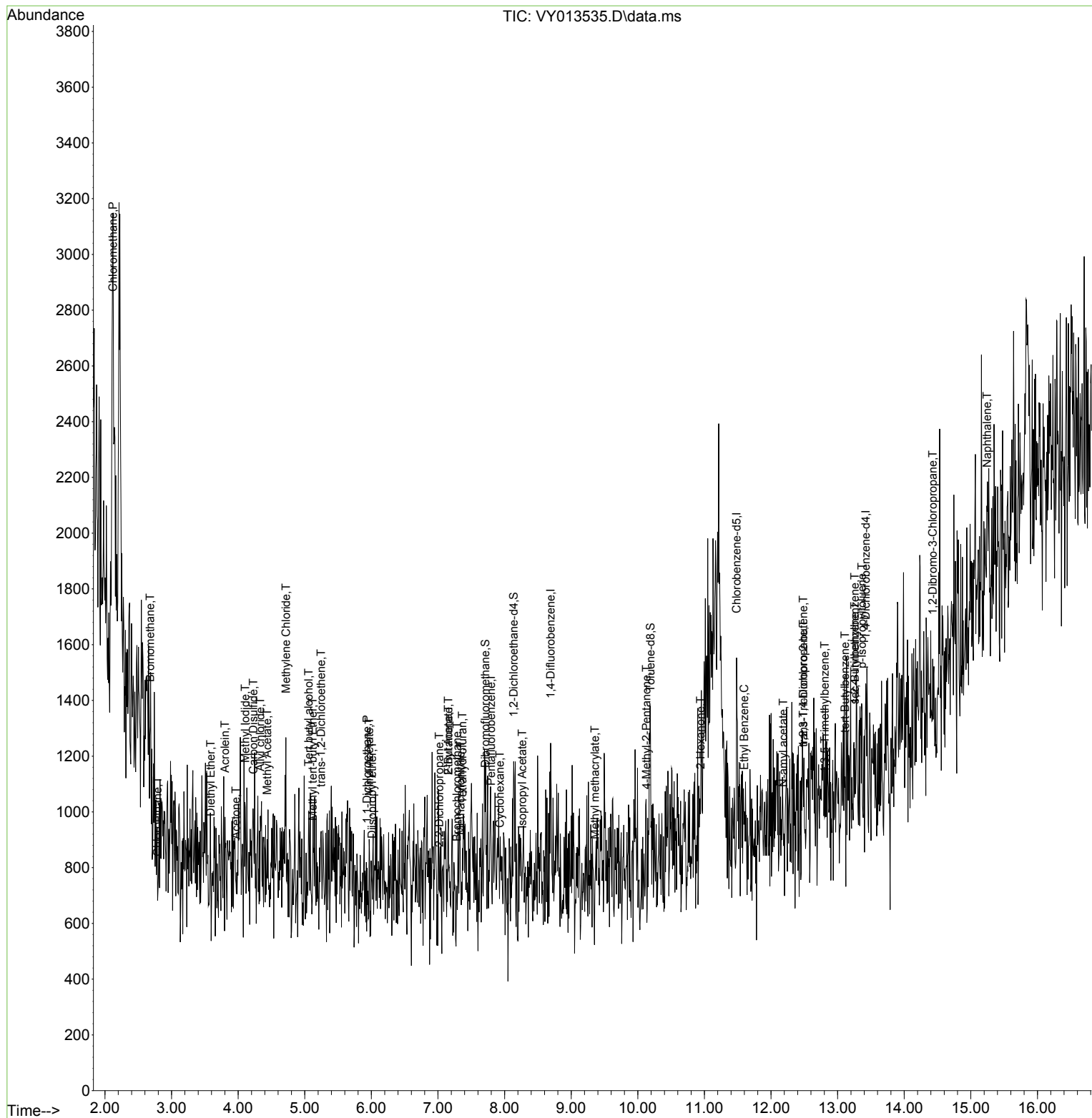
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.367	119	42	23.237	ug/l #	51
92) 1,2-Dibromo-3-Chloropr...	14.428	75	33	360.958	ug/l #	1
95) Naphthalene	15.245	128	128	112.080	ug/l #	69

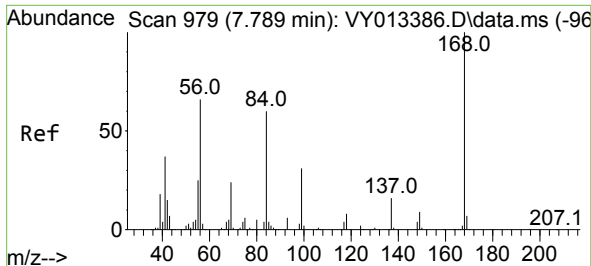
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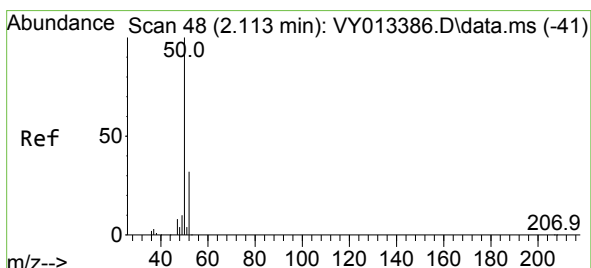
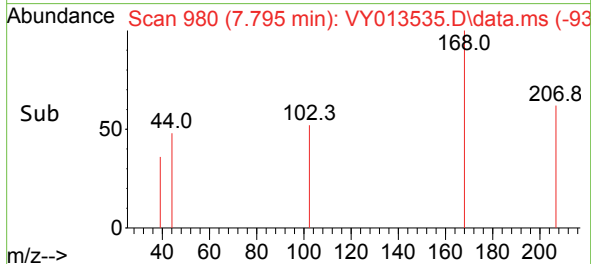
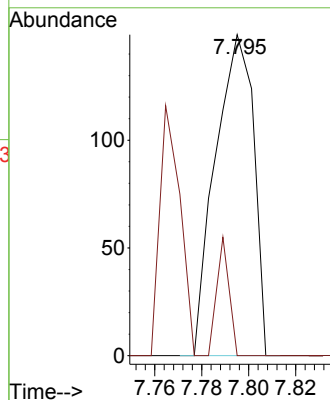
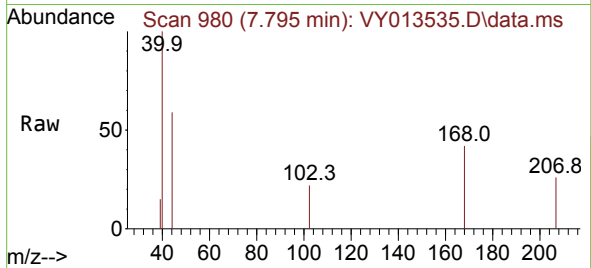




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

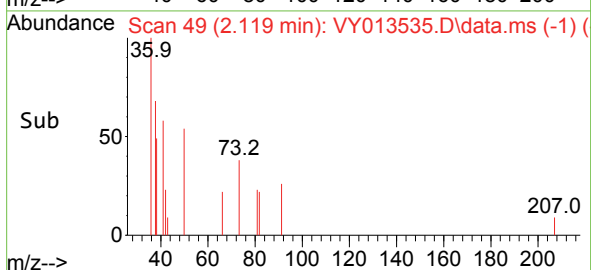
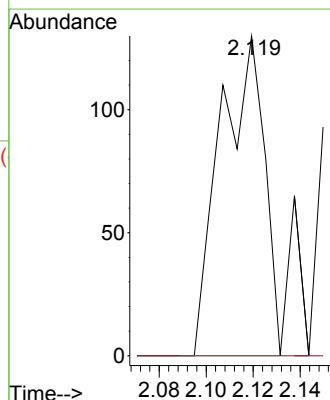
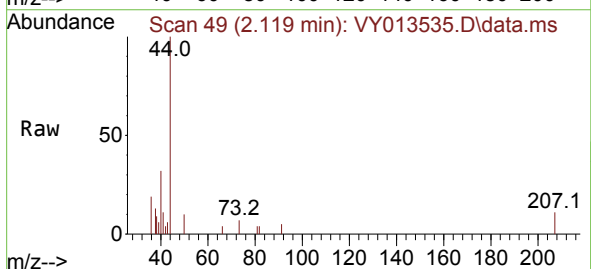
Instrument :
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ClientSampleId :
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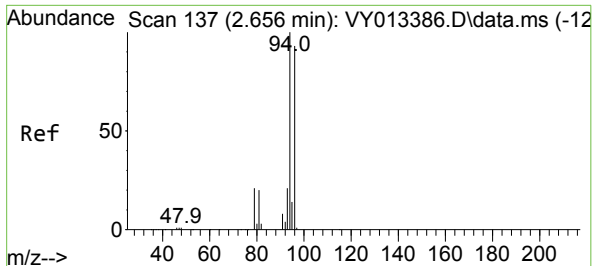
Tgt Ion:168 Resp: 168
Ion Ratio Lower Upper
168 100
99 0.0 41.8 62.6#



#3
Chloromethane
Concen: 78.473 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 50 Resp: 168
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

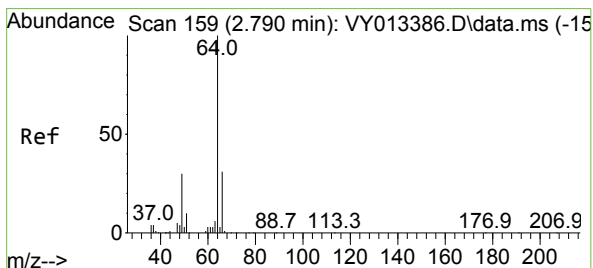
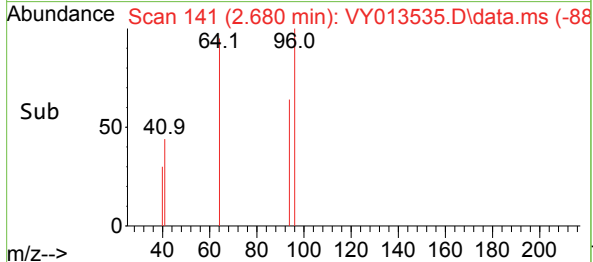
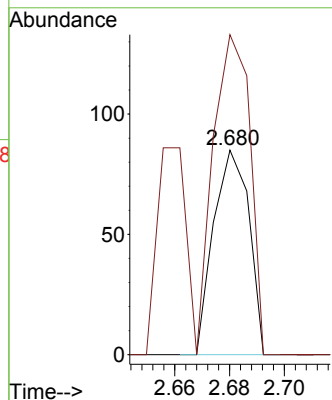
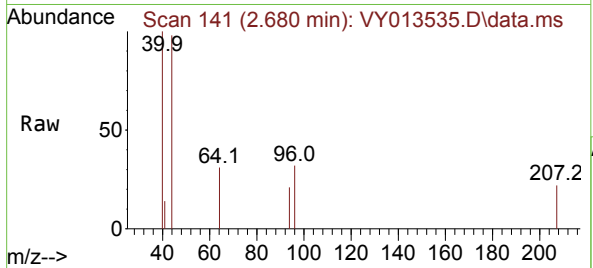




#5
Bromomethane
Concen: 44.740 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.024 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

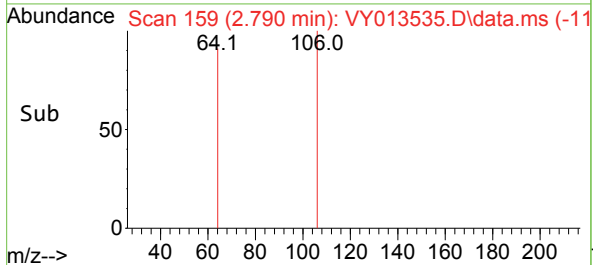
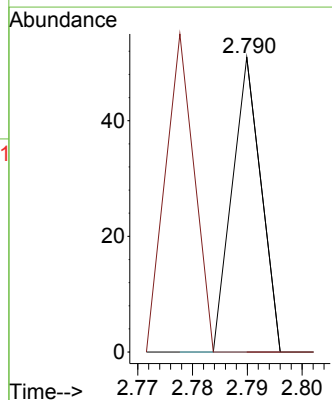
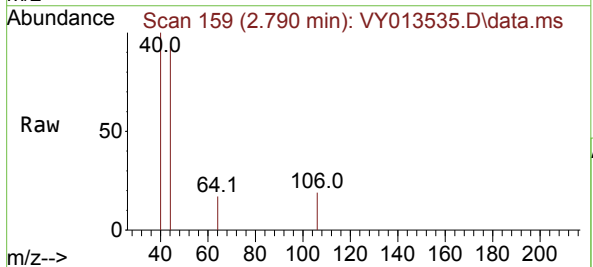
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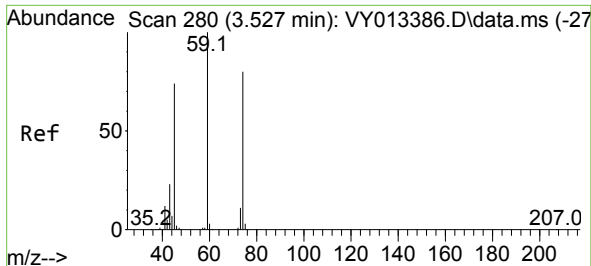
Tgt Ion: 94 Resp: 76
Ion Ratio Lower Upper
94 100
96 156.5 74.2 111.2#



#6
Chloroethane
Concen: 12.902 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#

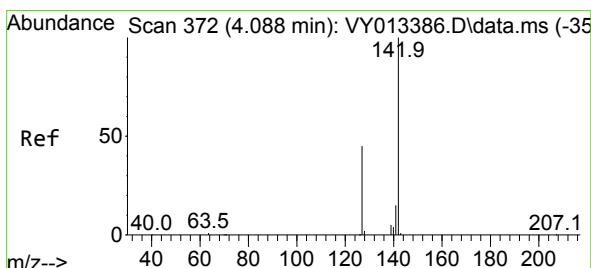
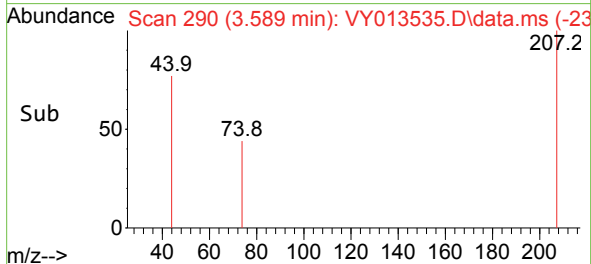
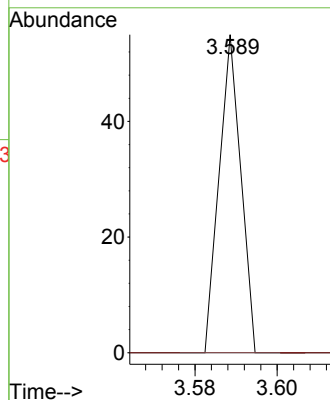
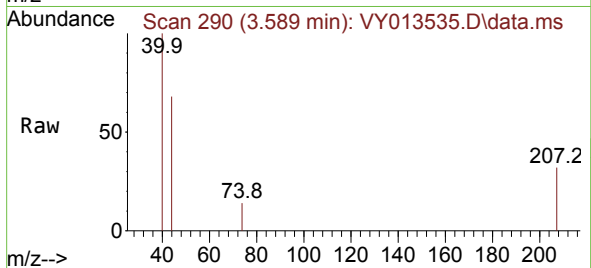




#8
Diethyl Ether
Concen: 18.187 ug/l
RT: 3.589 min Scan# 290
Delta R.T. 0.062 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

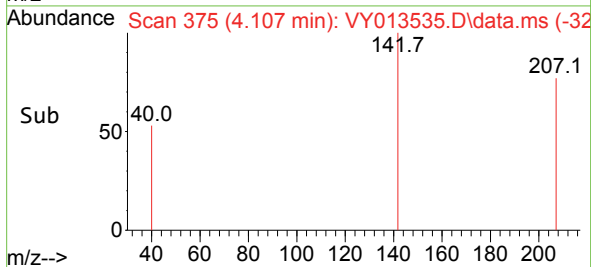
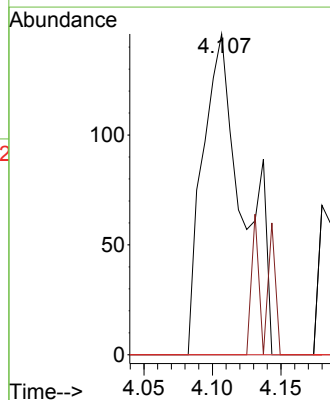
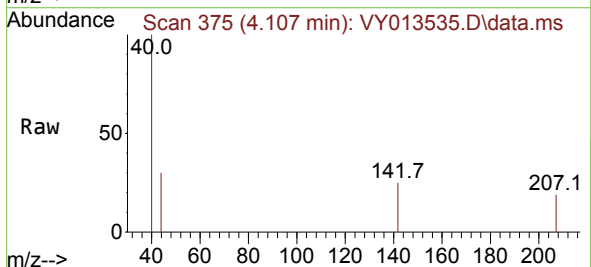
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ClientSampleId :
JC-03-042823-A

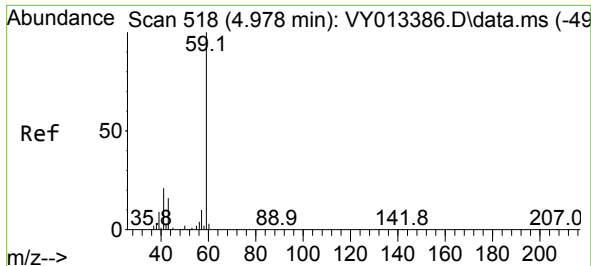
Tgt Ion: 74 Resp: 20
Ion Ratio Lower Upper
74 100
45 0.0 48.2 144.6#



#10
Methyl Iodide
Concen: 131.867 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 142 Resp: 300
Ion Ratio Lower Upper
142 100
127 0.0 36.1 54.1#
141 0.0 11.6 17.4#

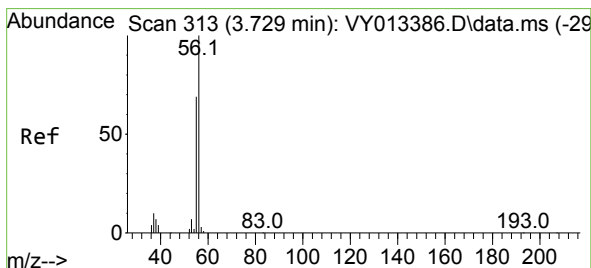
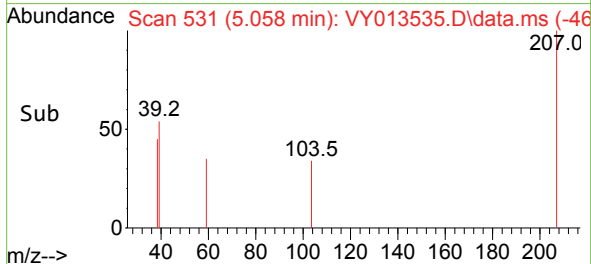
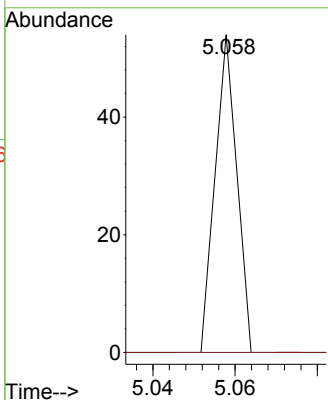
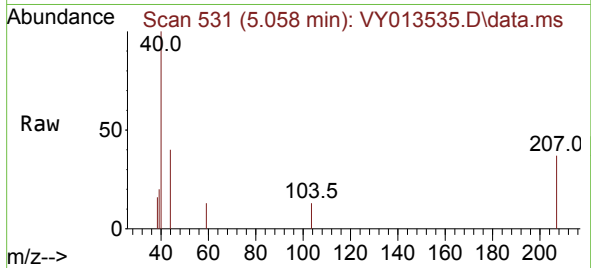




#11
Tert butyl alcohol
Concen: 96.816 ug/l
RT: 5.058 min Scan# 518
Delta R.T. 0.080 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

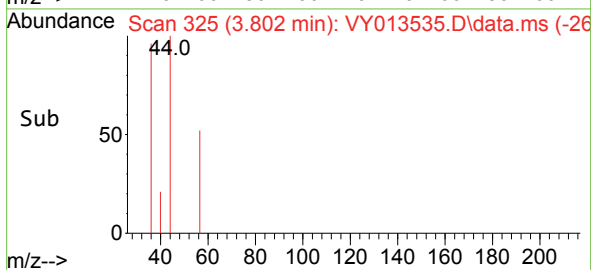
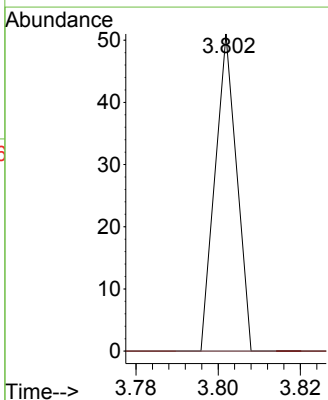
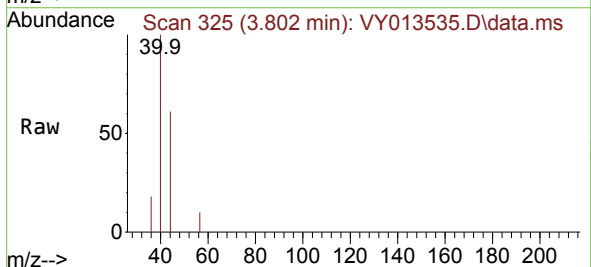
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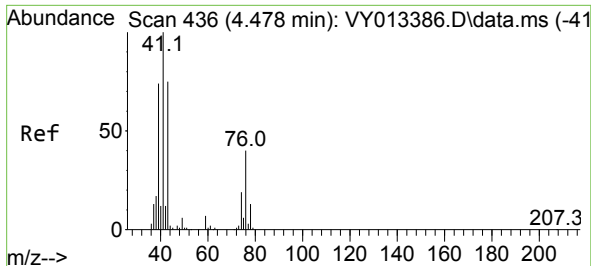
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#13
Acrolein
Concen: 113.232 ug/l
RT: 3.802 min Scan# 325
Delta R.T. 0.073 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

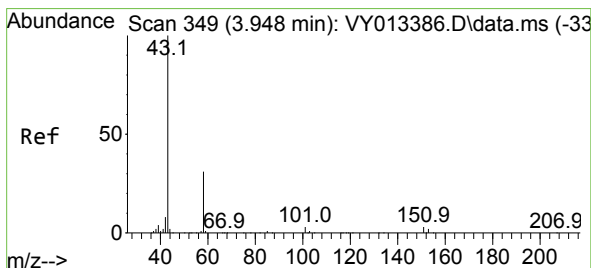
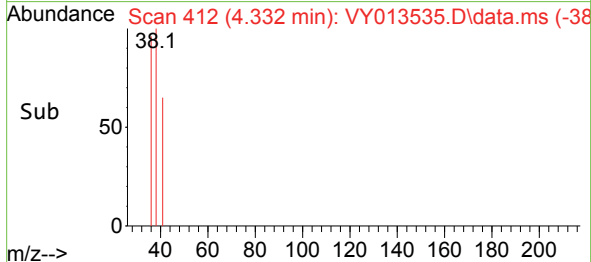
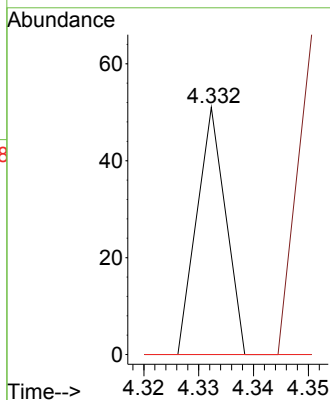
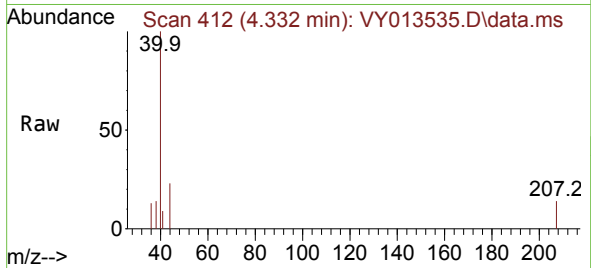




#14
 Allyl chloride
 Concen: 5.865 ug/l
 RT: 4.332 min Scan# 41
 Delta R.T. -0.146 min
 Lab File: VY013535.D
 Acq: 01 May 2023 13:28

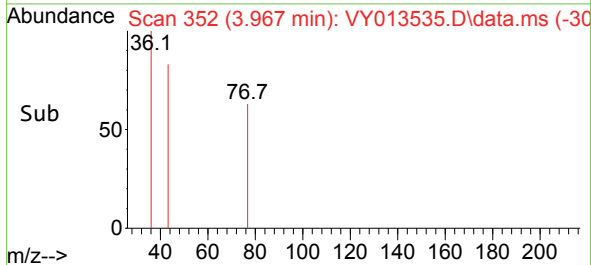
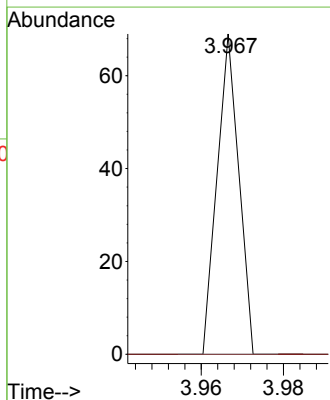
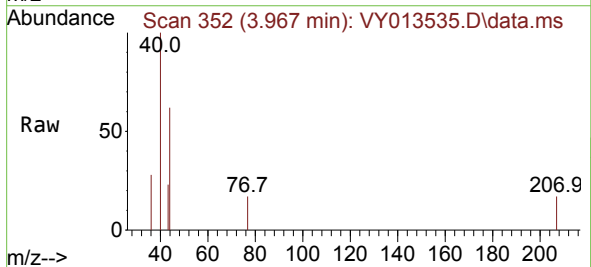
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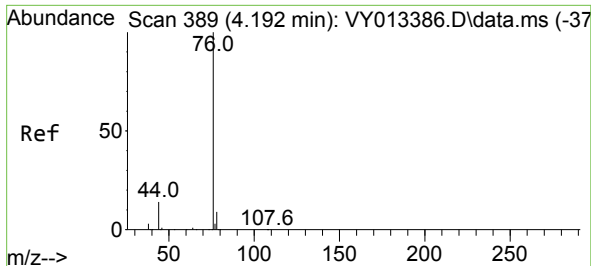
Tgt Ion: 41 Resp: 19
 Ion Ratio Lower Upper
 41 100
 39 0.0 56.6 85.0#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: 34.470 ug/l
 RT: 3.967 min Scan# 352
 Delta R.T. 0.019 min
 Lab File: VY013535.D
 Acq: 01 May 2023 13:28

Tgt Ion: 43 Resp: 25
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.4 38.0#

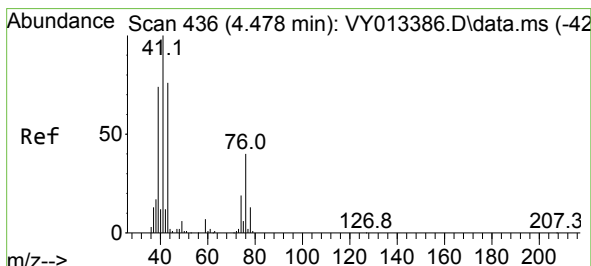
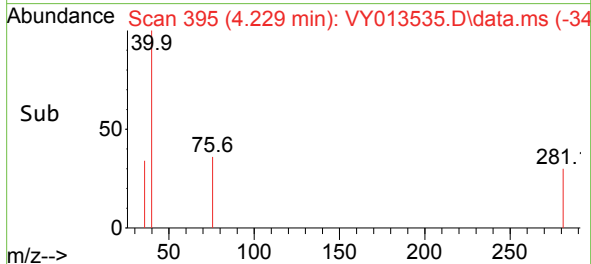
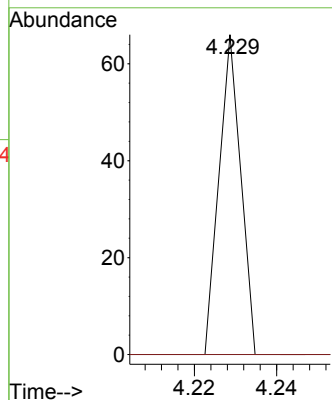
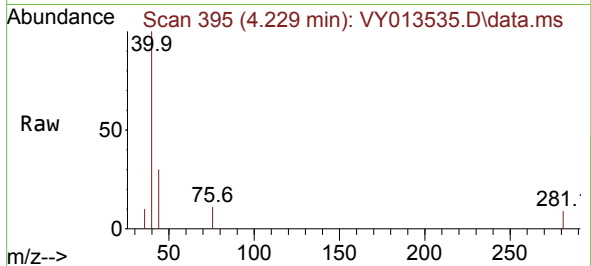




#17
Carbon Disulfide
Concen: 4.232 ug/l
RT: 4.229 min Scan# 395
Delta R.T. 0.037 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

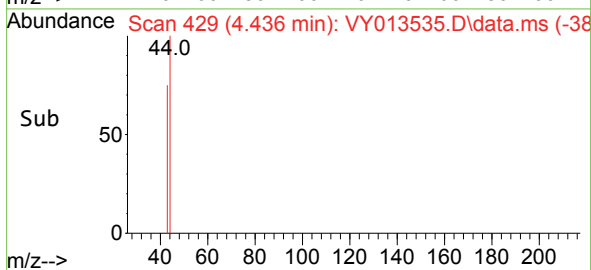
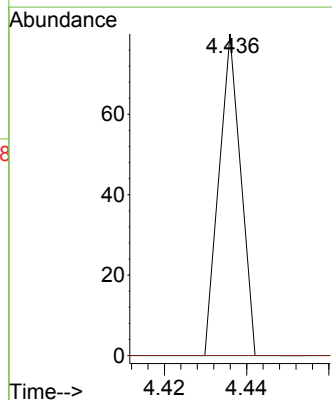
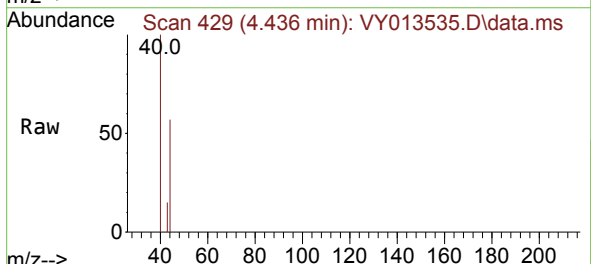
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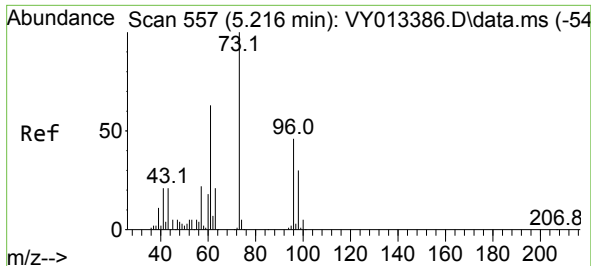
Tgt Ion: 76 Resp: 24
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 12.107 ug/l
RT: 4.436 min Scan# 429
Delta R.T. -0.042 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 3.769 ug/l

RT: 5.119 min Scan# 54

Delta R.T. -0.097 min

Lab File: VY013535.D

Acq: 01 May 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

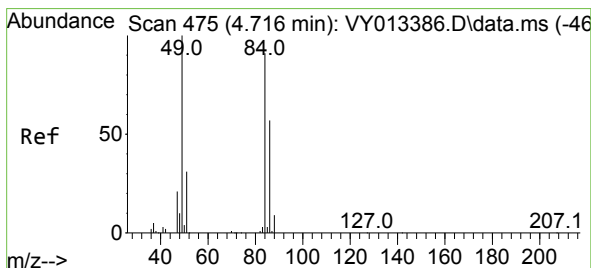
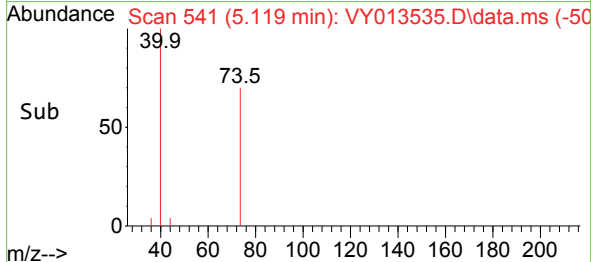
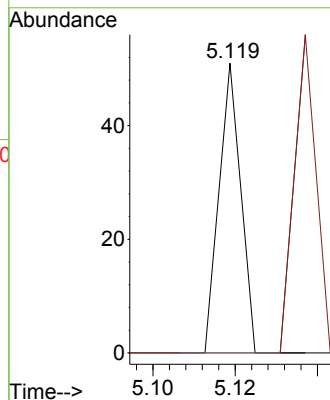
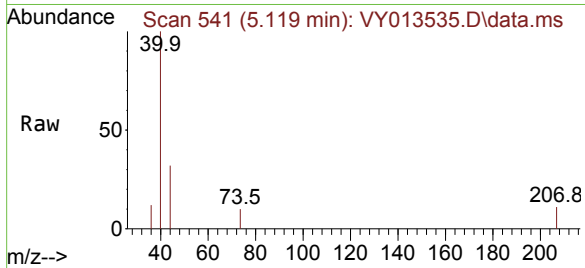
JC-03-042823-A

Tgt Ion: 73 Resp: 19

Ion Ratio Lower Upper

73 100

57 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 32.881 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013535.D

Acq: 01 May 2023 13:28

Tgt Ion: 84 Resp: 81

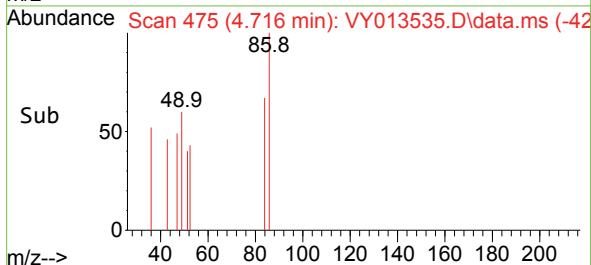
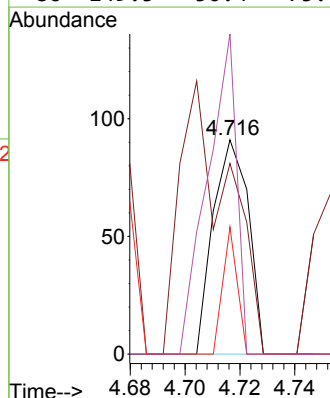
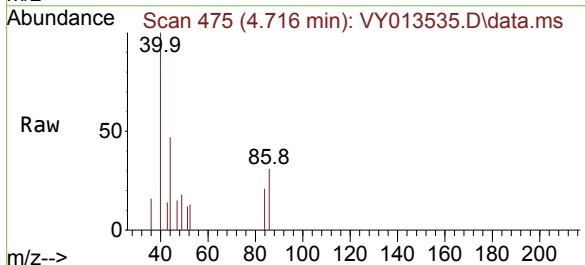
Ion Ratio Lower Upper

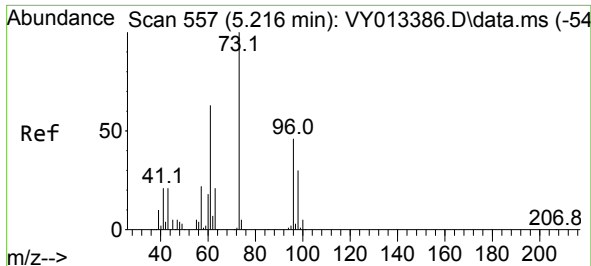
84 100

49 89.0 88.0 132.0

51 59.3 27.4 41.0#

86 149.5 50.4 75.6#

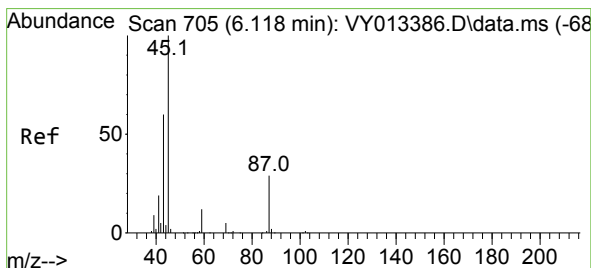
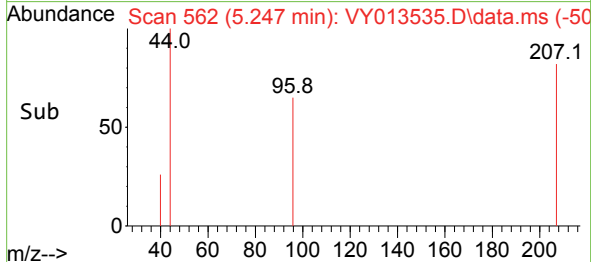
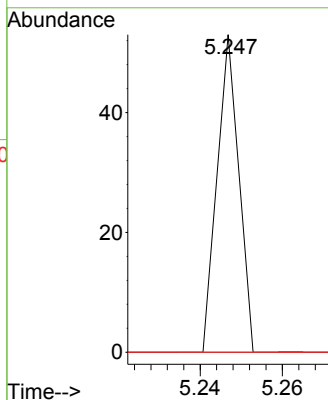
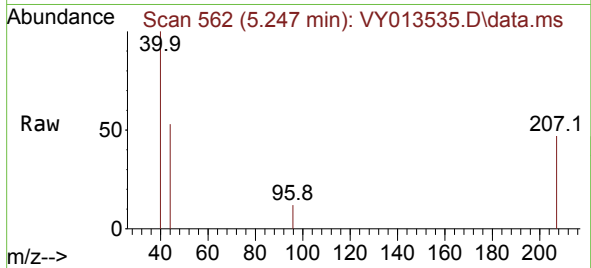




#21
trans-1,2-Dichloroethene
Concen: 9.953 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.031 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

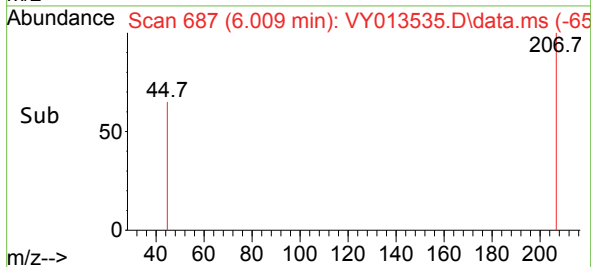
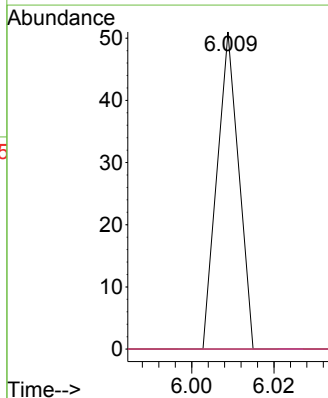
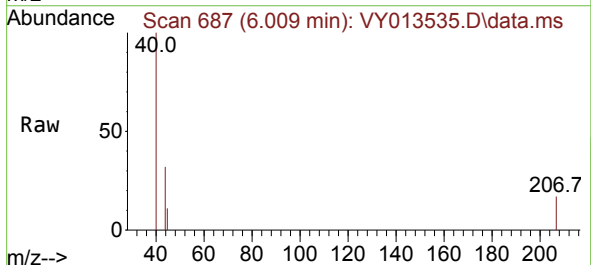
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

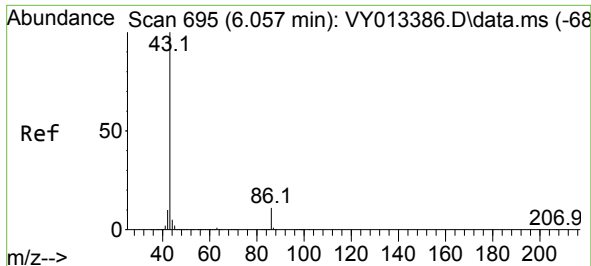
Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 110.6 165.8#
98 0.0 53.1 79.7#



#22
Diisopropyl ether
Concen: 3.001 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.109 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 45 Resp: 19
Ion Ratio Lower Upper
45 100
43 0.0 48.4 72.6#
87 0.0 23.8 35.6#
59 0.0 9.6 14.4#

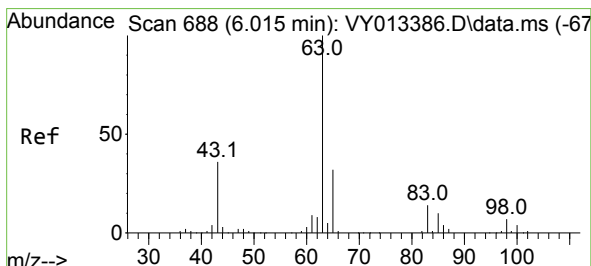
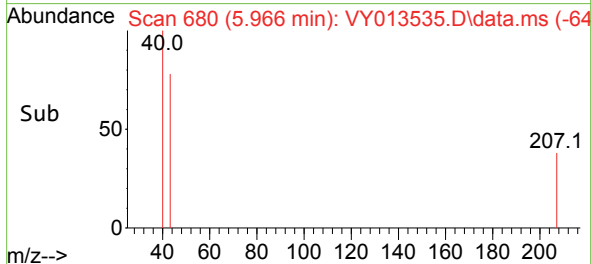
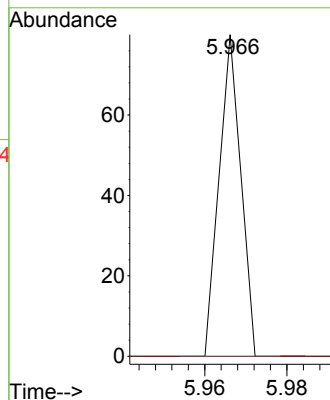
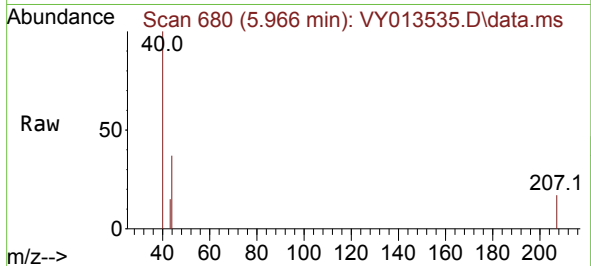




#23
 Vinyl Acetate
 Concen: 8.089 ug/l
 RT: 5.966 min Scan# 61
 Delta R.T. -0.091 min
 Lab File: VY013535.D
 Acq: 01 May 2023 13:28

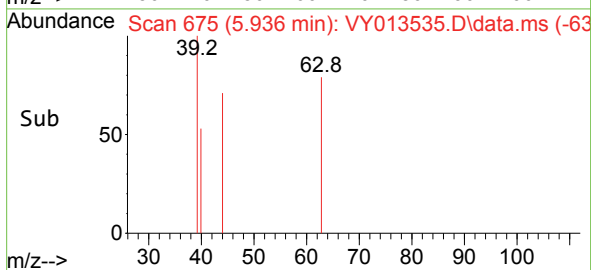
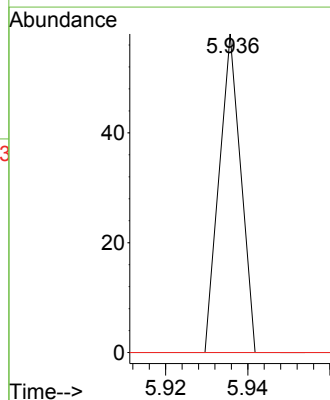
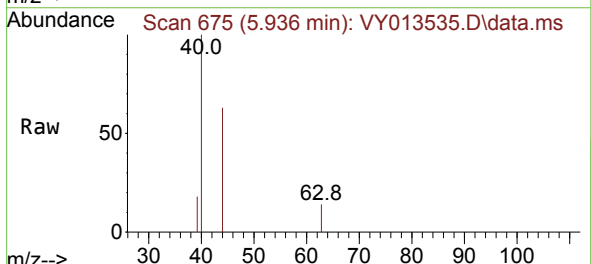
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-A

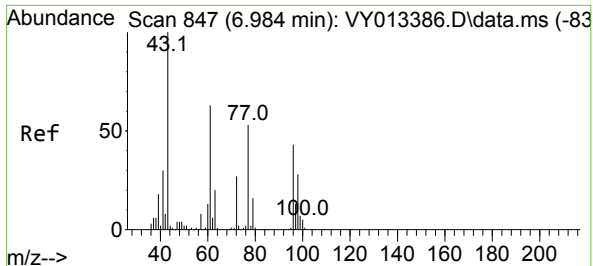
Tgt Ion: 43 Resp: 29
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 5.950 ug/l
 RT: 5.936 min Scan# 675
 Delta R.T. -0.079 min
 Lab File: VY013535.D
 Acq: 01 May 2023 13:28

Tgt Ion: 63 Resp: 21
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.6#
 100 0.0 2.2 6.6#

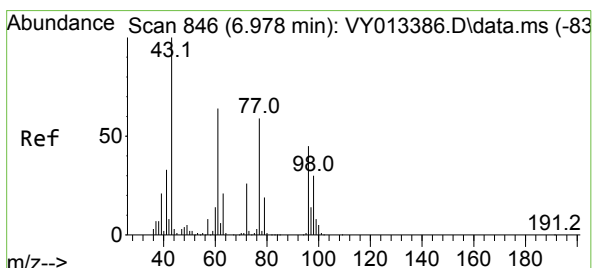
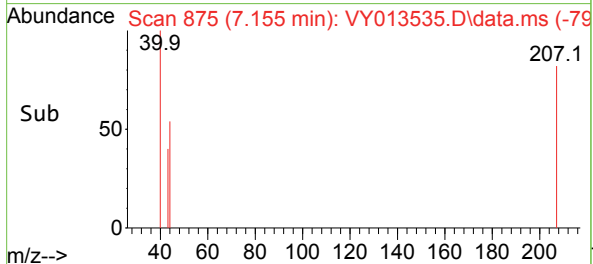
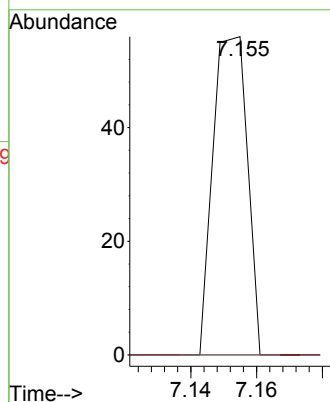
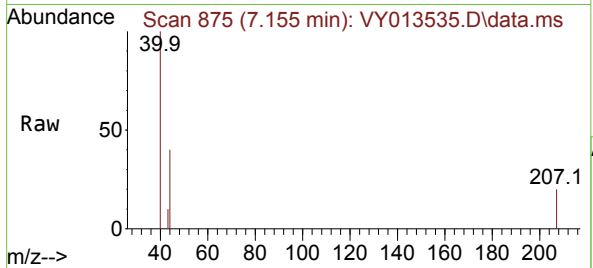




#25
2-Butanone
Concen: 44.575 ug/l
RT: 7.155 min Scan# 81
Delta R.T. 0.171 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

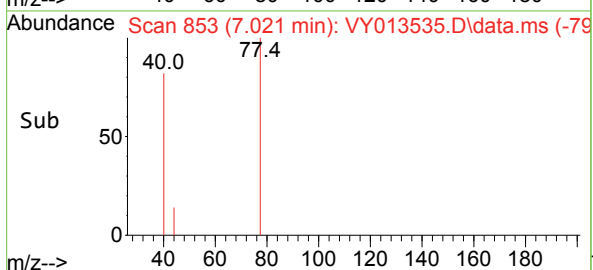
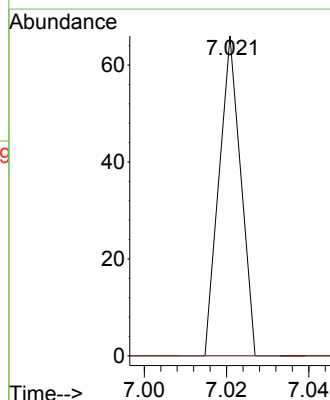
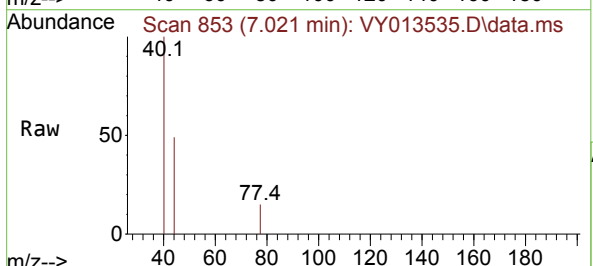
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

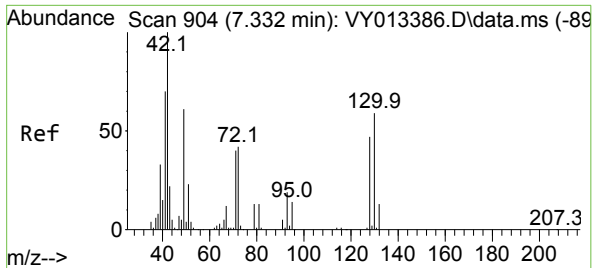
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#26
2,2-Dichloropropane
Concen: 7.892 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.043 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 77 Resp: 24
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#

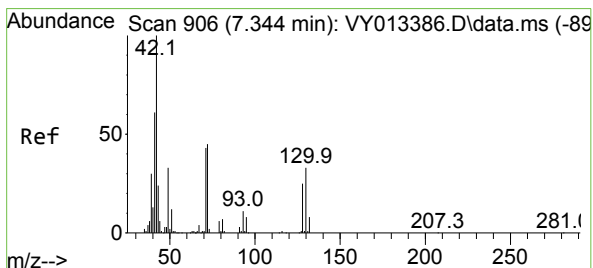
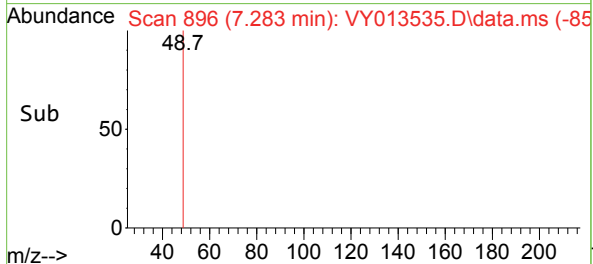
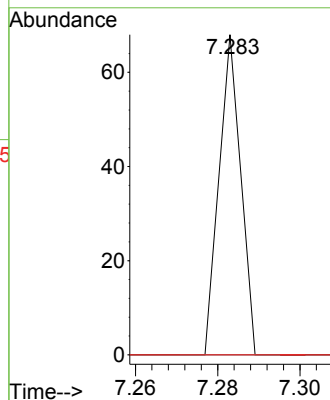
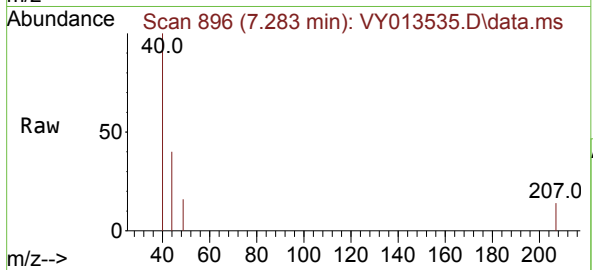




#28
Bromochloromethane
Concen: 19.962 ug/l
RT: 7.283 min Scan# 891
Delta R.T. -0.049 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

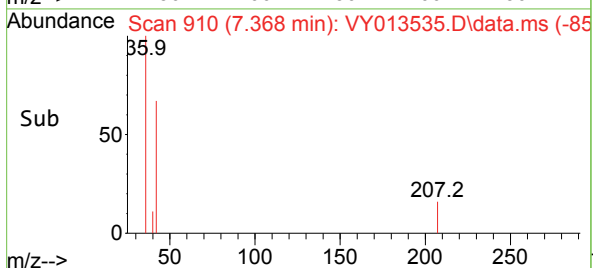
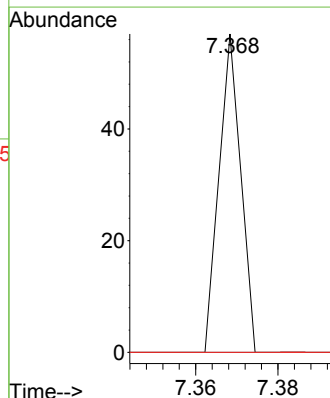
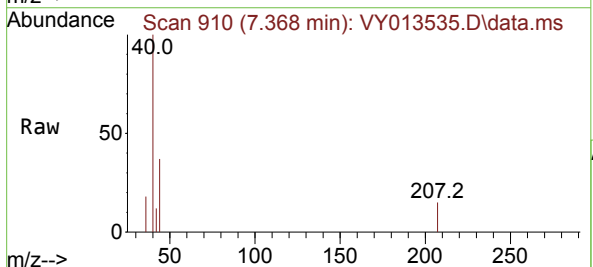
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

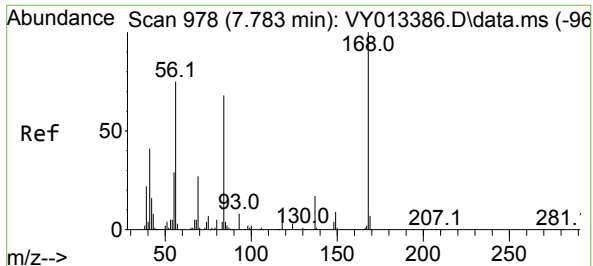
Tgt Ion: 49 Resp: 25
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 72.1 108.1#



#29
Tetrahydrofuran
Concen: 36.678 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.024 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

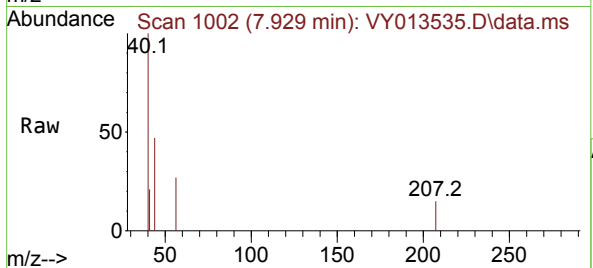
Tgt Ion: 42 Resp: 21
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 0.0 34.3 51.5#



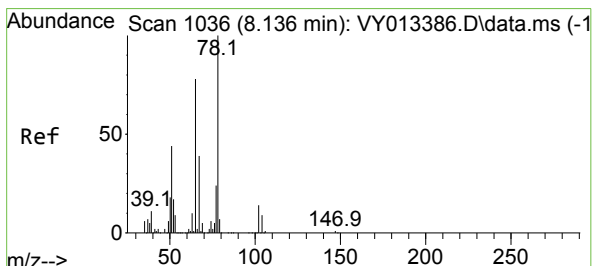
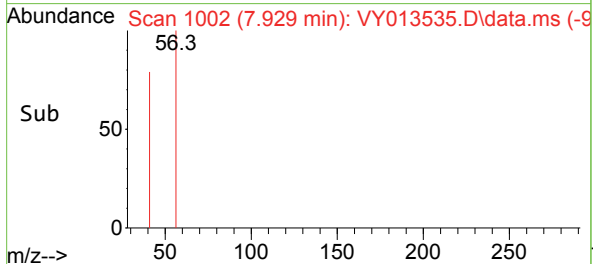
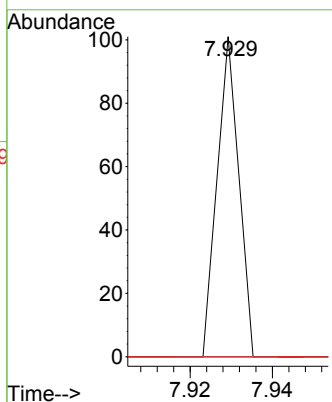


#31
Cyclohexane
Concen: 11.221 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.146 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

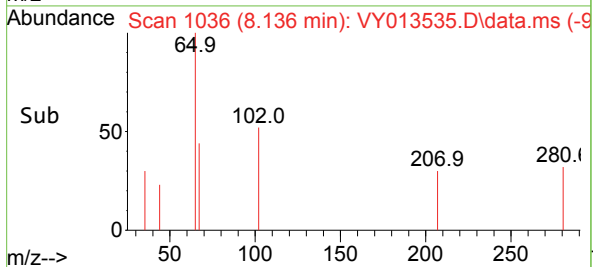
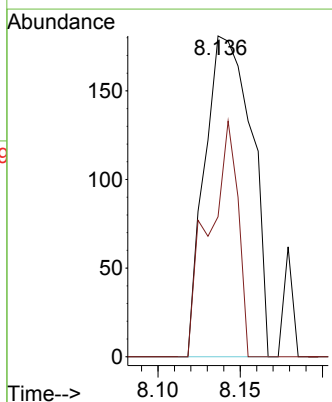
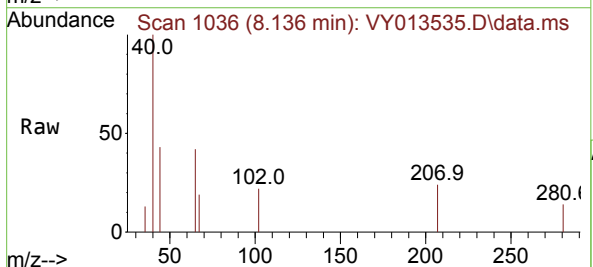


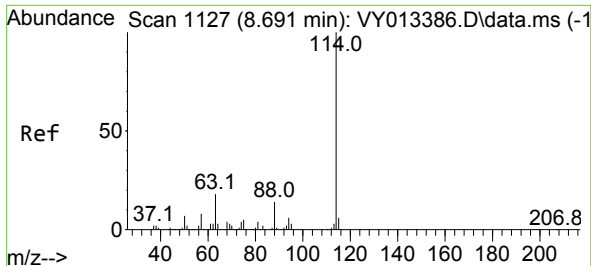
Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
69 0.0 29.2 43.8#
84 0.0 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 193.848 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 65 Resp: 357
Ion Ratio Lower Upper
65 100
67 45.9 0.0 103.4

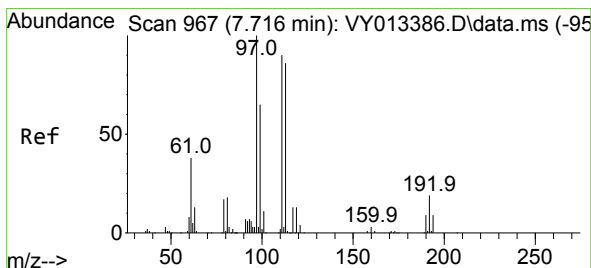
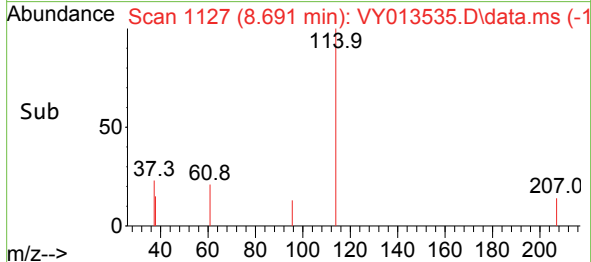
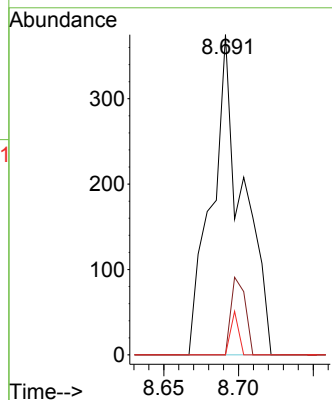
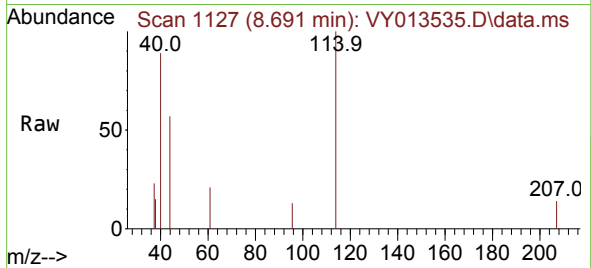




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

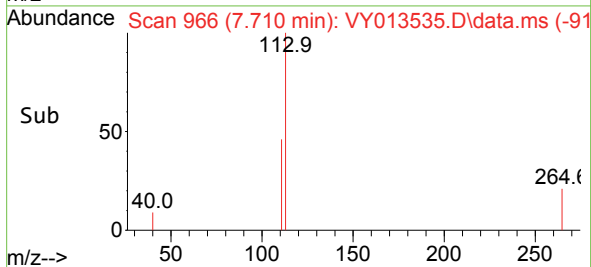
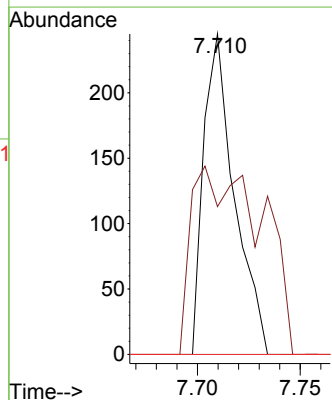
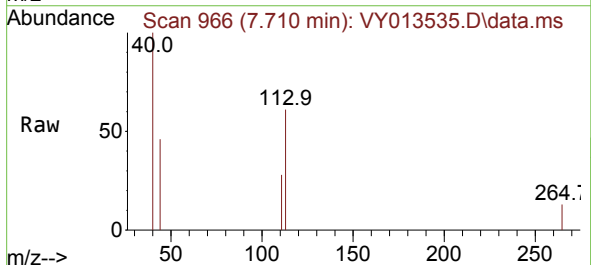
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

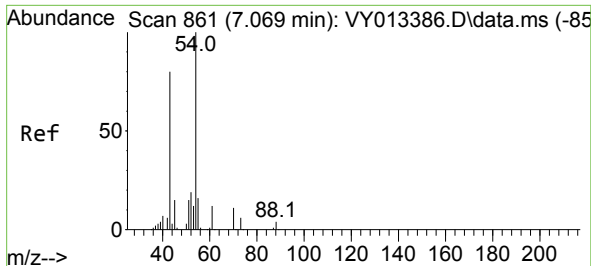
Tgt Ion:114 Resp: 540
Ion Ratio Lower Upper
114 100
63 0.0 0.0 36.6
88 0.0 0.0 28.8



#35
Dibromofluoromethane
Concen: 75.081 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion:113 Resp: 255
Ion Ratio Lower Upper
113 100
111 134.9 82.2 123.2#
192 0.0 16.7 25.1#





#37

Ethyl Acetate

Concen: 9.666 ug/l

RT: 7.155 min Scan# 81

Delta R.T. 0.086 min

Lab File: VY013535.D

Acq: 01 May 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-042823-A

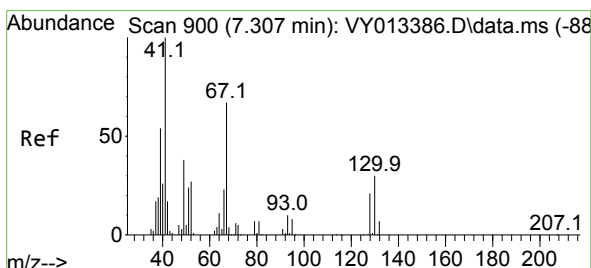
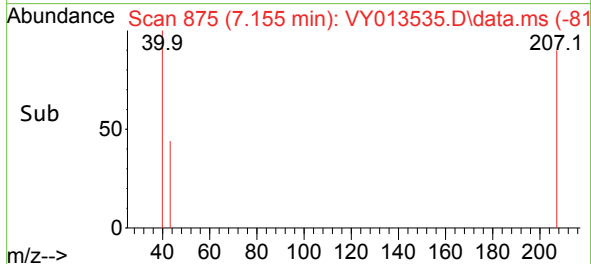
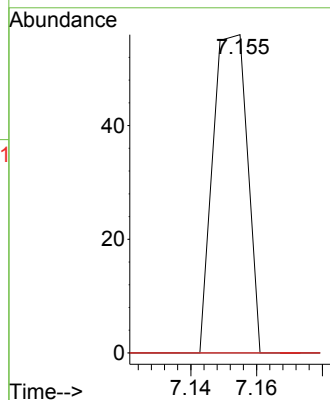
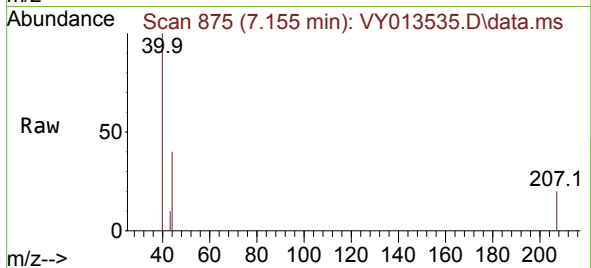
Tgt Ion: 43 Resp: 41

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 7.9 11.9#



#41

Methacrylonitrile

Concen: 24.283 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.031 min

Lab File: VY013535.D

Acq: 01 May 2023 13:28

Tgt Ion: 41 Resp: 48

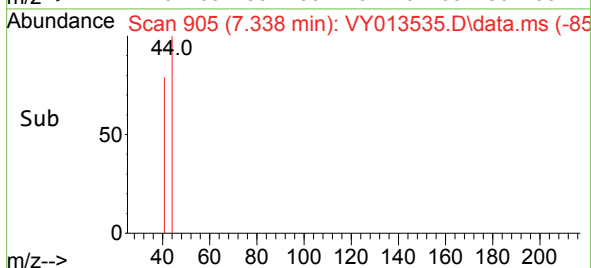
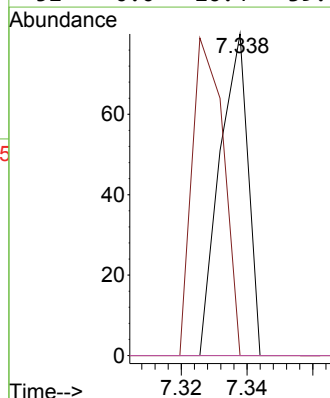
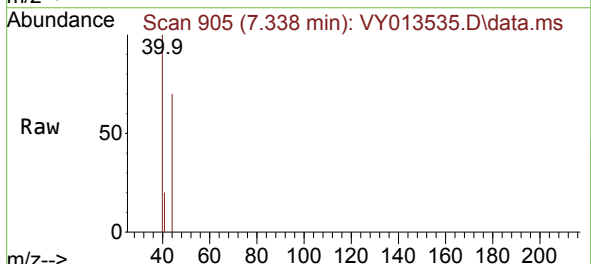
Ion Ratio Lower Upper

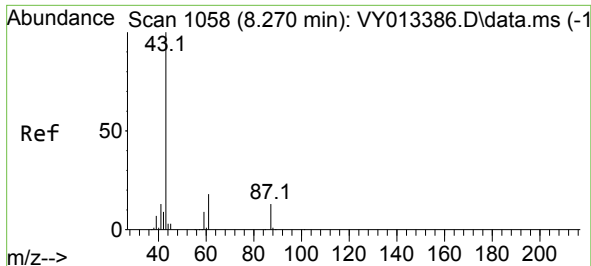
41 100

39 108.3 44.2 66.4#

67 0.0 62.9 94.3#

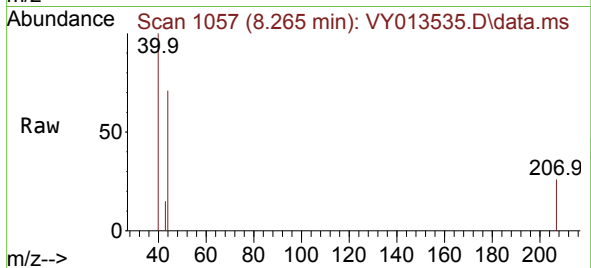
52 0.0 26.4 39.6#



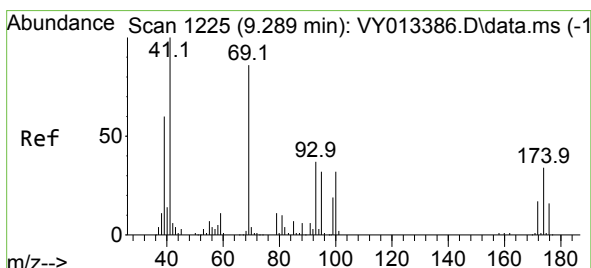
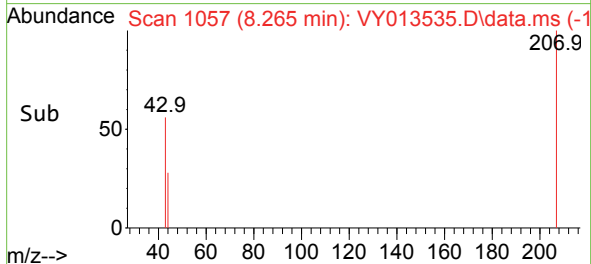
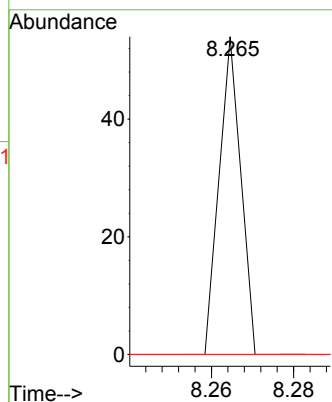


#43
Isopropyl Acetate
Concen: 2.793 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

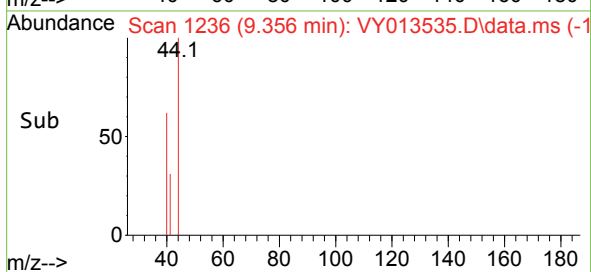
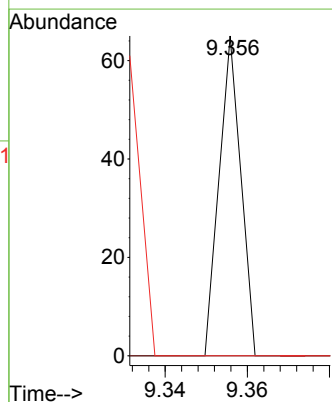
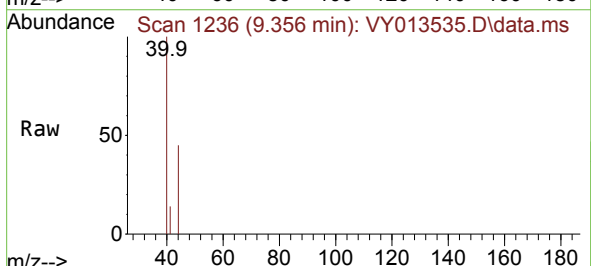


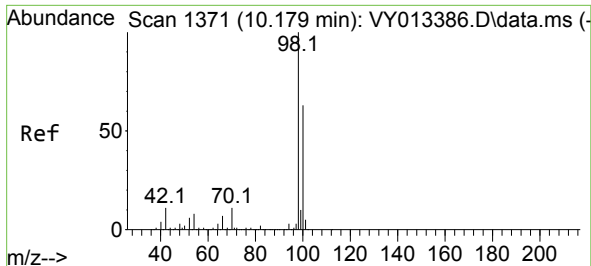
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
61 0.0 22.2 33.4#
87 0.0 11.0 16.6#



#48
Methyl methacrylate
Concen: 7.299 ug/l
RT: 9.356 min Scan# 1236
Delta R.T. 0.067 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 41 Resp: 24
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 0.0 47.9 71.9#

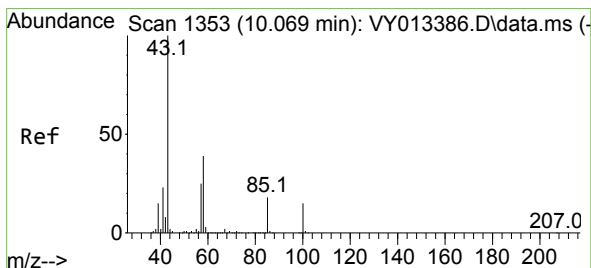
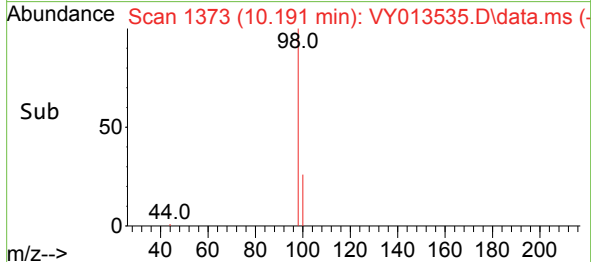
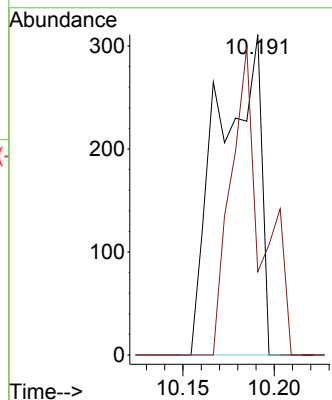
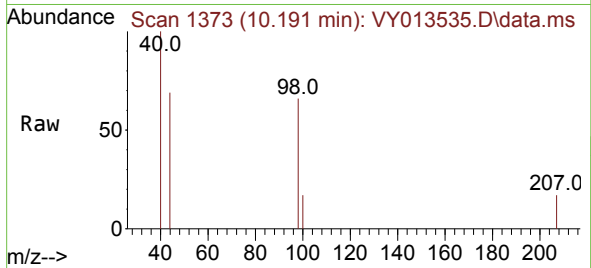




#50
Toluene-d8
Concen: 41.135 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

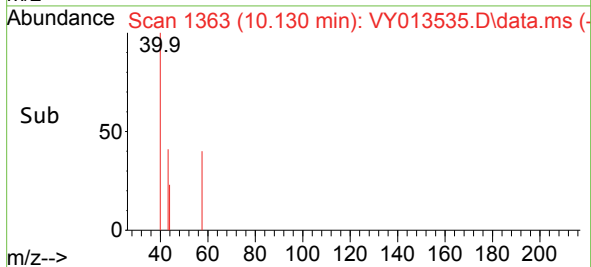
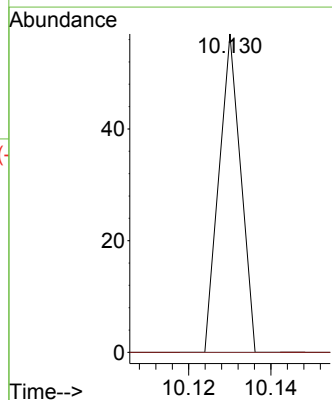
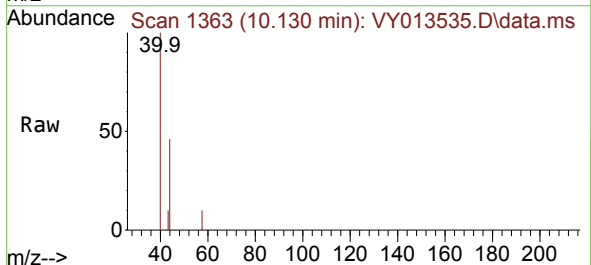
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

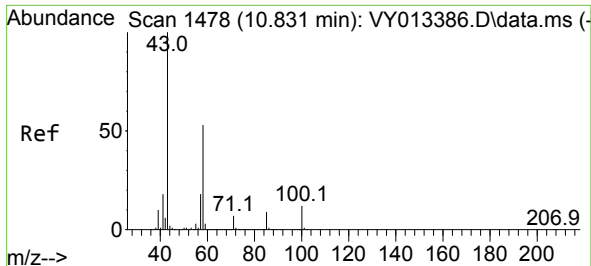
Tgt Ion: 98 Resp: 497
Ion Ratio Lower Upper
98 100
100 70.8 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 5.264 ug/l
RT: 10.130 min Scan# 1363
Delta R.T. 0.061 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 30.6 46.0#





#59

2-Hexanone

Concen: 6.551 ug/l

RT: 10.941 min Scan# 14

Delta R.T. 0.110 min

Lab File: VY013535.D

Acq: 01 May 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

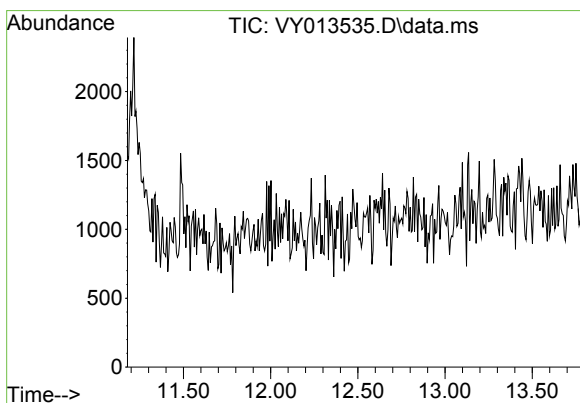
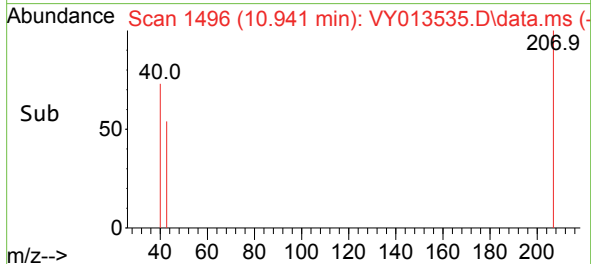
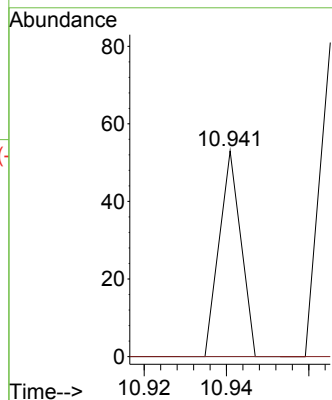
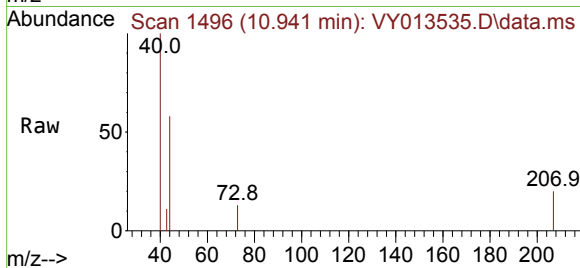
JC-03-042823-A

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

58 0.0 26.3 78.8#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.48 min

Lab File: VY013535.D

Acq: 01 May 2023 13:28

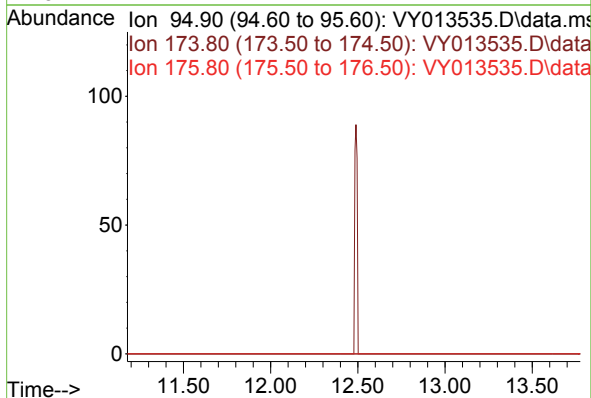
Tgt Ion: 95

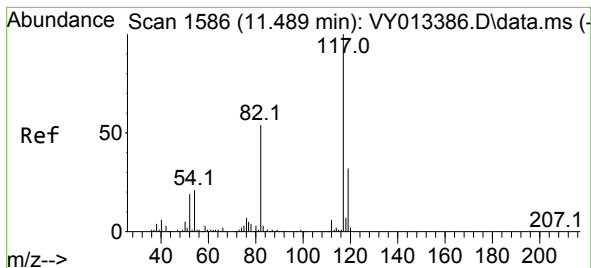
Sig Exp Ratio

95 100

174 91.0

176 87.7

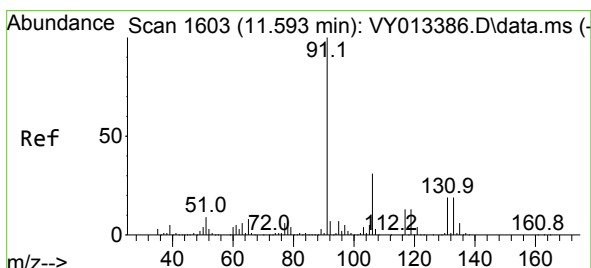
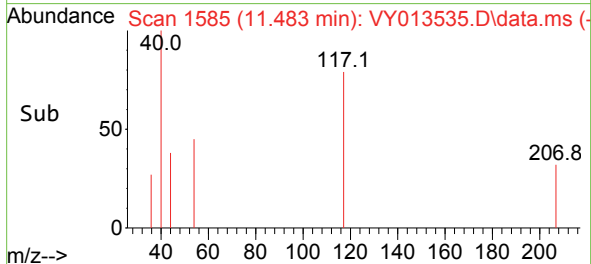
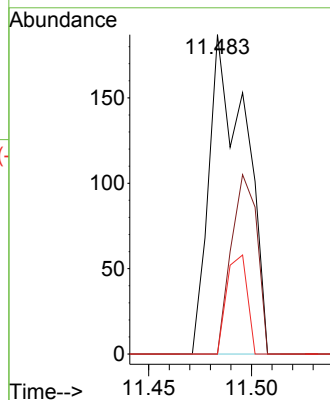
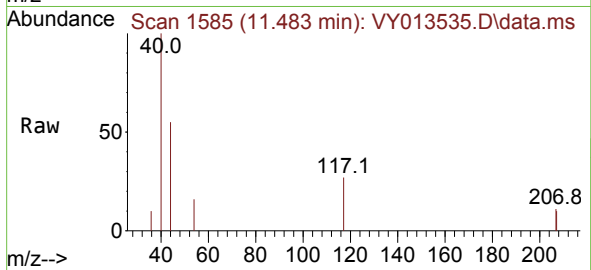




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

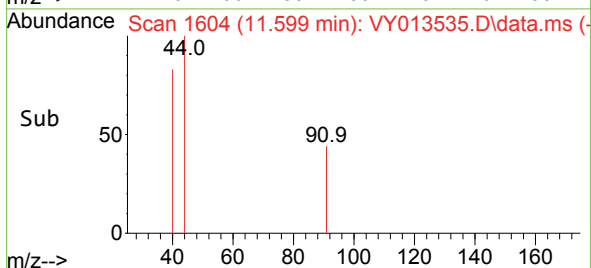
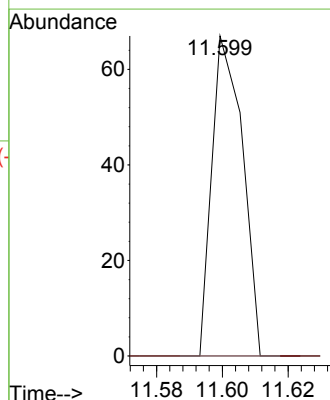
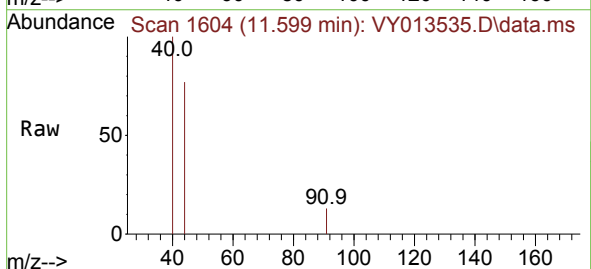
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

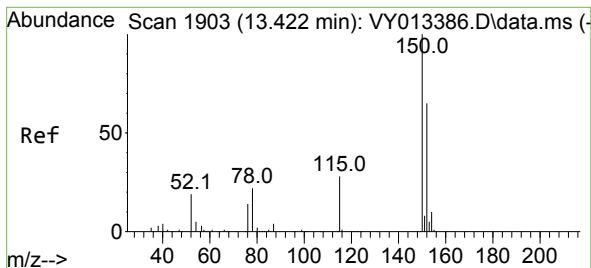
Tgt Ion:117 Resp: 230
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.6#
119 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 4.887 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 91 Resp: 43
Ion Ratio Lower Upper
91 100
106 0.0 25.1 37.7#

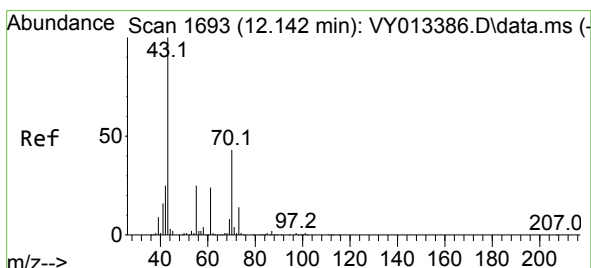
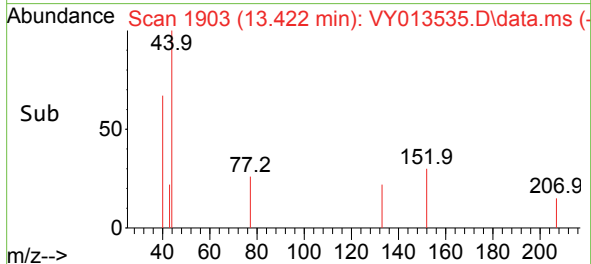
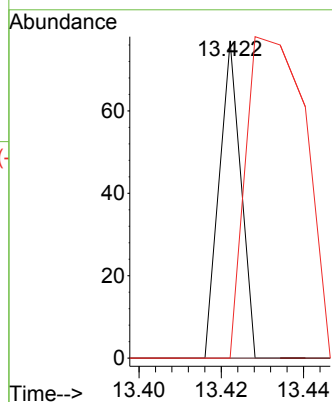
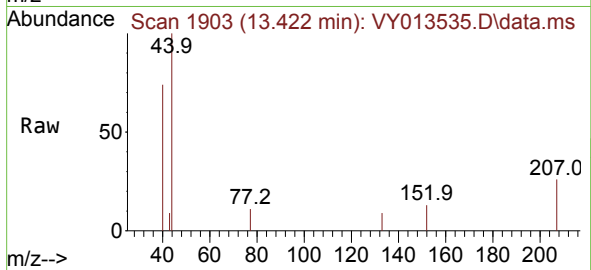




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

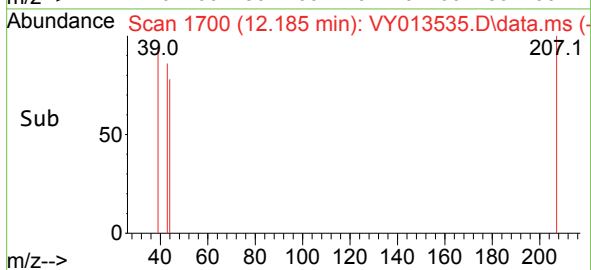
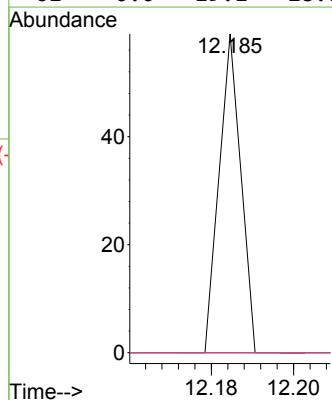
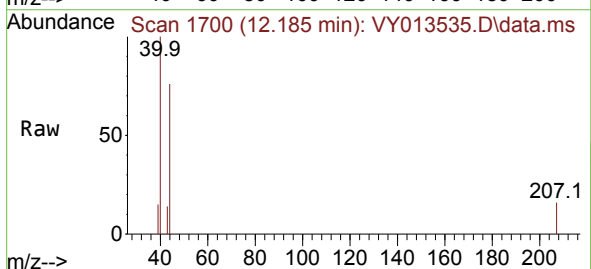
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

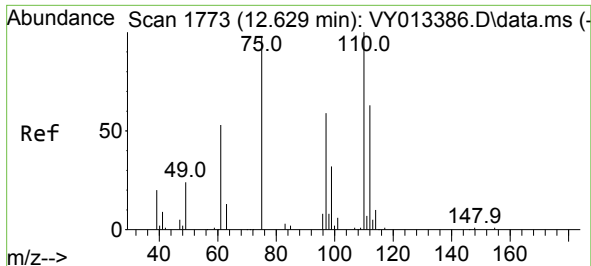
Tgt Ion:152 Resp: 28
Ion Ratio Lower Upper
152 100
115 0.0 28.1 84.2#
150 282.1 0.0 352.0



#74
N-ethyl acetate
Concen: 29.191 ug/l
RT: 12.185 min Scan# 1700
Delta R.T. 0.043 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
70 0.0 33.0 49.4#
55 0.0 19.8 29.6#
61 0.0 19.1 28.7#

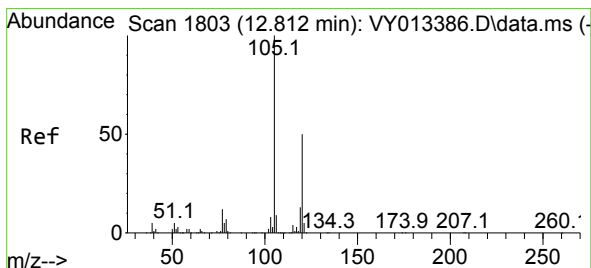
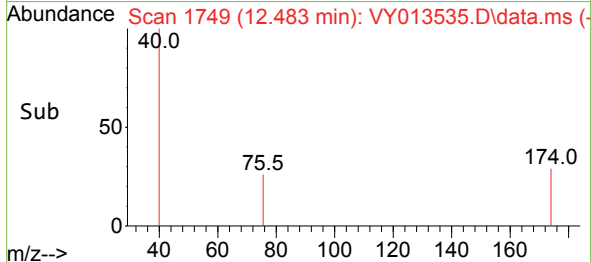
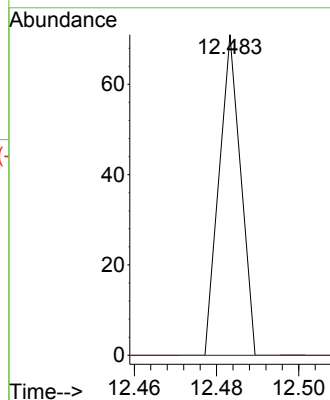
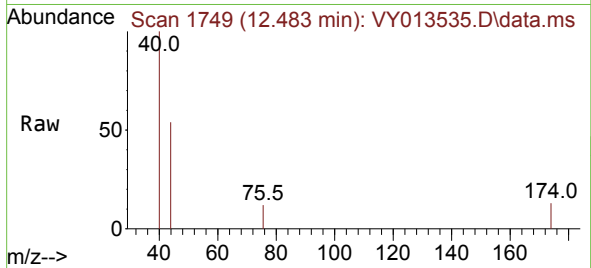




#76
1,2,3-Trichloropropane
Concen: 68.853 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.146 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

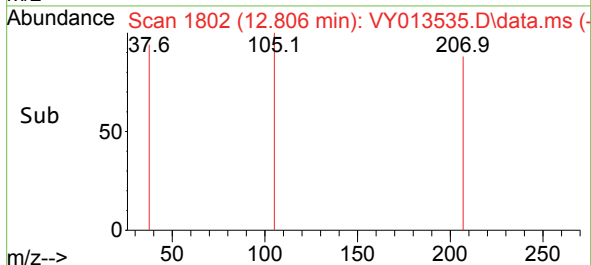
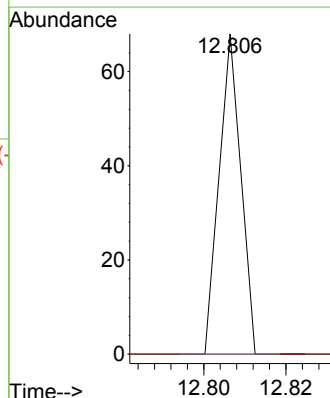
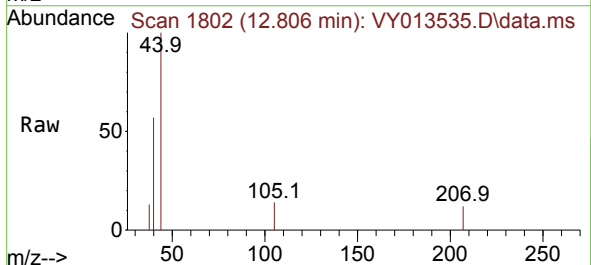
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

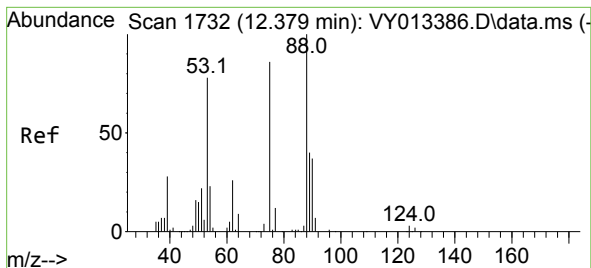
Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#80
1,3,5-Trimethylbenzene
Concen: 14.463 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 105 Resp: 25
Ion Ratio Lower Upper
105 100
120 0.0 24.7 74.1#

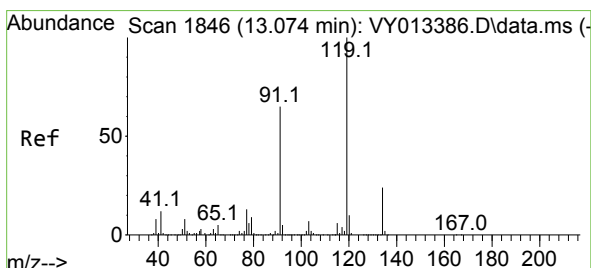
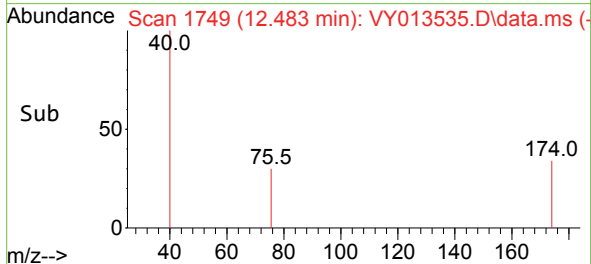
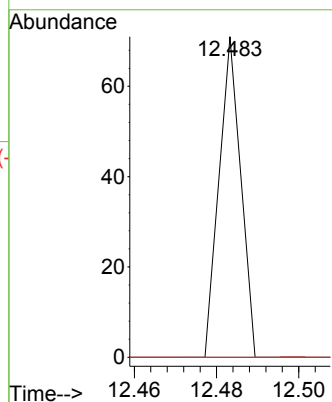
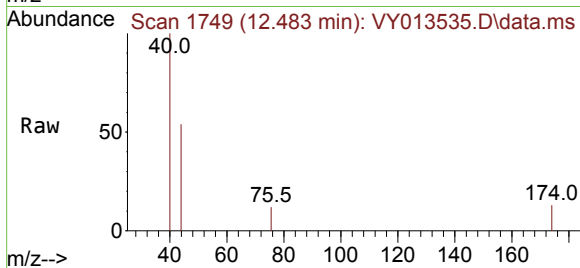




#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.843 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013535.D
 Acq: 01 May 2023 13:28

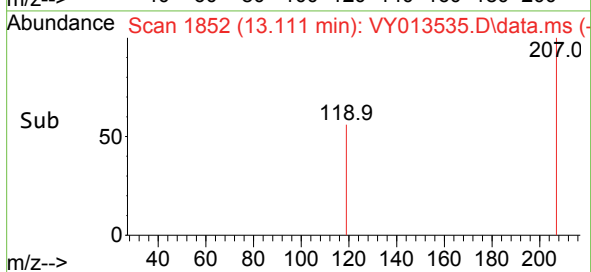
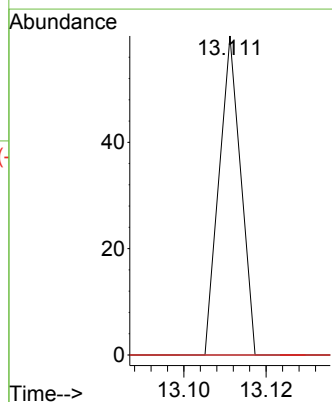
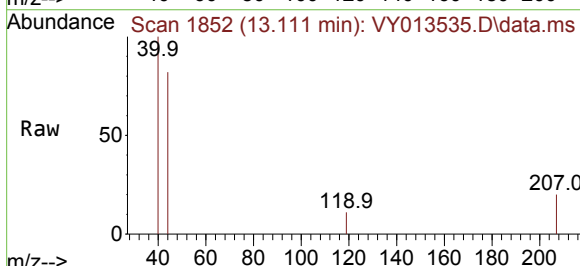
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-A

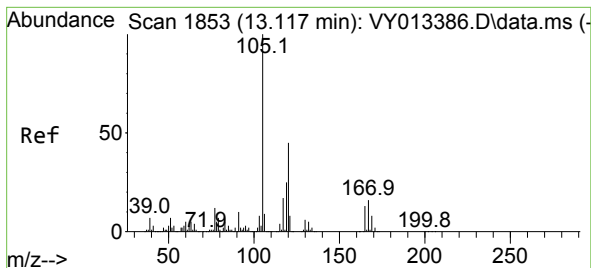
Tgt Ion: 75 Resp: 26
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.0 38.0 57.0#



#83
 tert-Butylbenzene
 Concen: 14.691 ug/l
 RT: 13.111 min Scan# 1852
 Delta R.T. 0.037 min
 Lab File: VY013535.D
 Acq: 01 May 2023 13:28

Tgt Ion: 119 Resp: 22
 Ion Ratio Lower Upper
 119 100
 91 0.0 32.2 96.6#
 134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 16.661 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.141 min

Lab File: VY013535.D

Acq: 01 May 2023 13:28

Instrument :

MSVOA_Y

ClientSampleId :

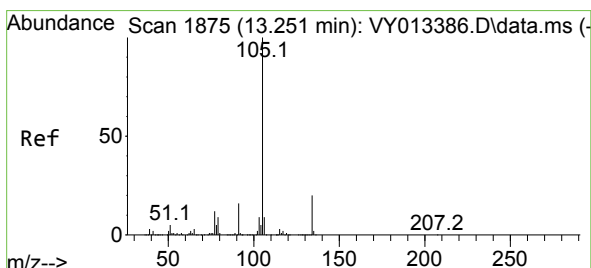
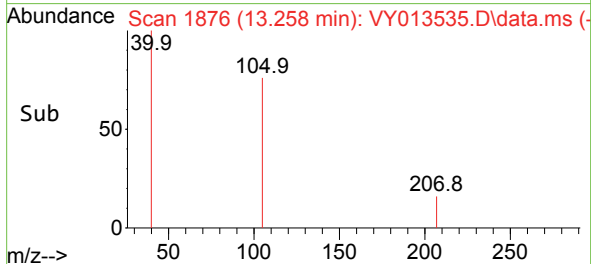
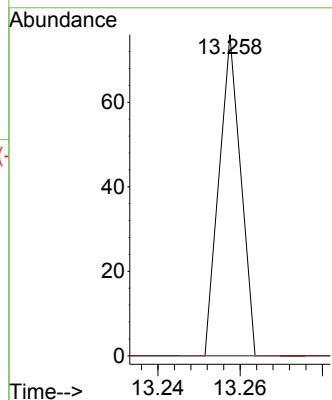
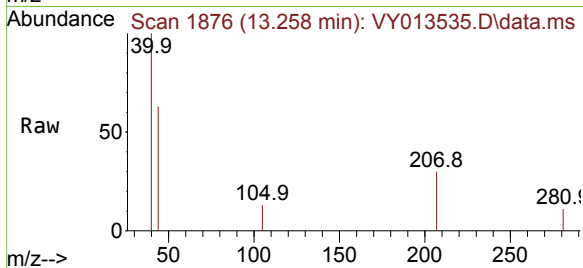
JC-03-042823-A

Tgt Ion:105 Resp: 28

Ion Ratio Lower Upper

105 100

120 0.0 22.3 66.9#



#85

sec-Butylbenzene

Concen: 12.458 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.007 min

Lab File: VY013535.D

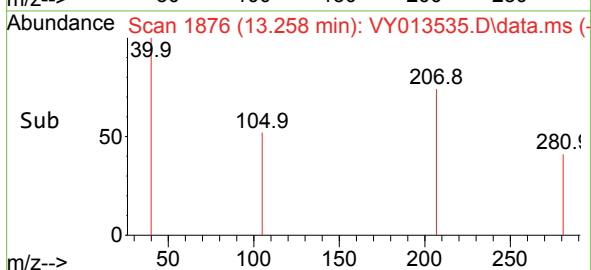
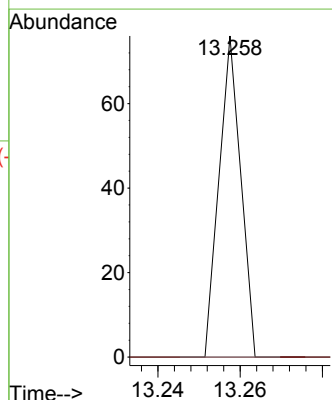
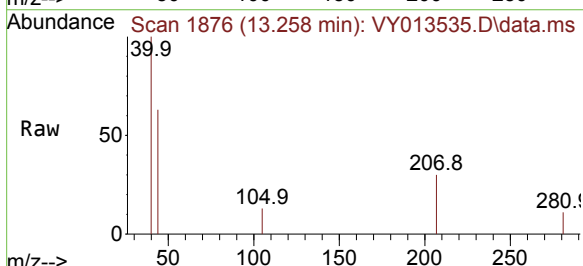
Acq: 01 May 2023 13:28

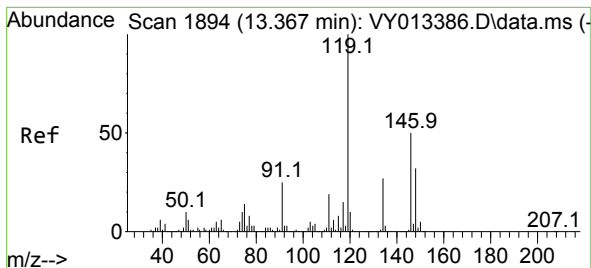
Tgt Ion:105 Resp: 28

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#

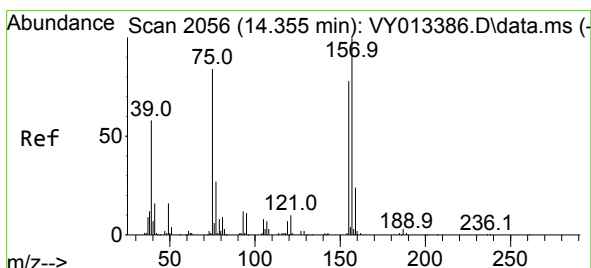
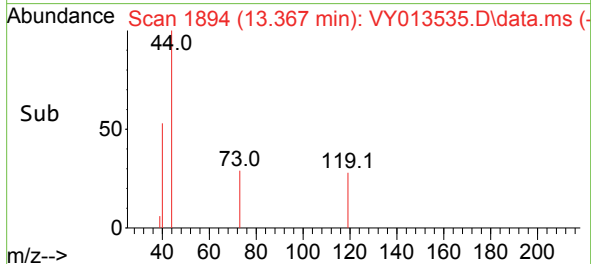
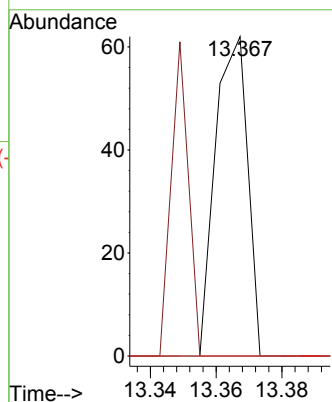
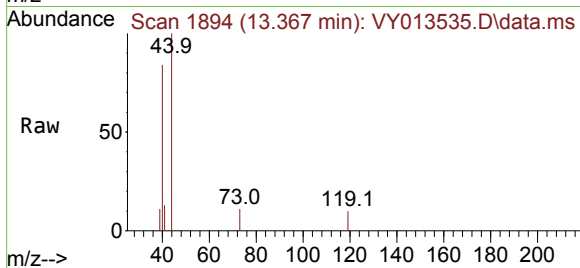




#86
 p-Isopropyltoluene
 Concen: 23.237 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY013535.D
 Acq: 01 May 2023 13:28

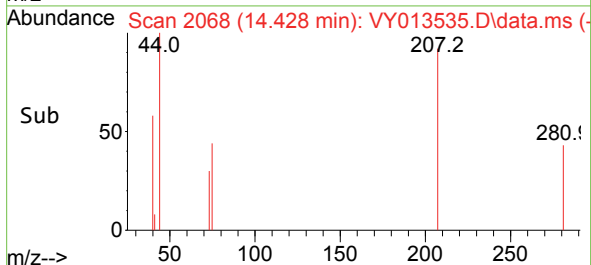
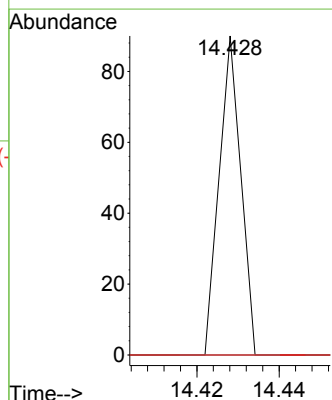
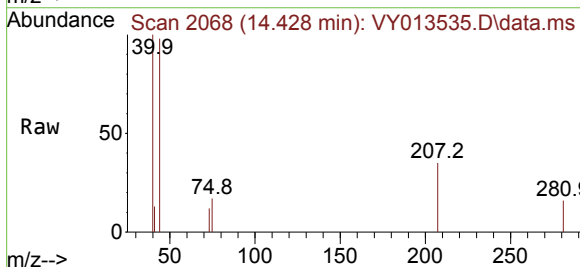
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-A

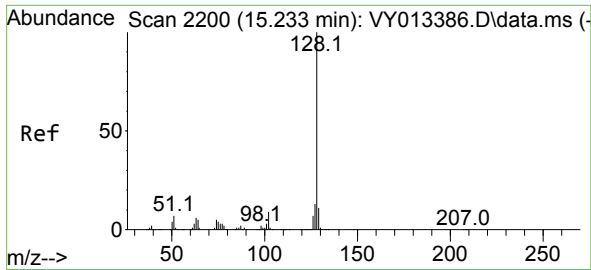
Tgt Ion:119 Resp: 42
 Ion Ratio Lower Upper
 119 100
 134 52.4 13.4 40.2#
 91 0.0 12.1 36.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 360.958 ug/l
 RT: 14.428 min Scan# 2068
 Delta R.T. 0.073 min
 Lab File: VY013535.D
 Acq: 01 May 2023 13:28

Tgt Ion: 75 Resp: 33
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.6 134.0#
 157 0.0 57.6 172.7#





#95
Naphthalene
Concen: 112.080 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

Tgt Ion:	128	Resp:	128
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.8	13.2#

