

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013681.D
 Acq On : 10 May 2023 12:35
 Operator : KP/MD
 Sample : VY0510SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBS01

Quant Time: May 11 03:24:52 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	7.789	168	242827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167562	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	139234	52.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.620%	
35) Dibromofluoromethane	7.716	113	126035	55.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.179	98	423681	52.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.483	95	153935	56.605	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53827	23.317	ug/l	99
3) Chloromethane	2.113	50	64074	20.706	ug/l	96
4) Vinyl Chloride	2.253	62	63573	20.633	ug/l	98
5) Bromomethane	2.650	94	49477	20.151	ug/l	97
6) Chloroethane	2.796	64	39995	18.790	ug/l	97
7) Trichlorofluoromethane	3.125	101	110342	23.640	ug/l	96
8) Diethyl Ether	3.527	74	32654	20.544	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	57244	21.865	ug/l	98
10) Methyl Iodide	4.088	142	63162	19.208	ug/l	98
11) Tert butyl alcohol	4.942	59	51451	171.809	ug/l #	97
12) 1,1-Dichloroethene	3.869	96	53389	21.155	ug/l	92
13) Acrolein	3.729	56	18193	71.914	ug/l	92
14) Allyl chloride	4.485	41	94587	20.199	ug/l	97
15) Acrylonitrile	5.167	53	88972	99.952	ug/l	99
16) Acetone	3.954	43	96430	91.988	ug/l	96
17) Carbon Disulfide	4.192	76	156378	19.076	ug/l	99
18) Methyl Acetate	4.479	43	65199	18.831	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	149785	20.559	ug/l	98
20) Methylene Chloride	4.710	84	86906	21.920	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	58220	21.100	ug/l	94
22) Diisopropyl ether	6.118	45	195810	21.394	ug/l	94
23) Vinyl Acetate	6.064	43	559410	107.949	ug/l	98
24) 1,1-Dichloroethane	6.015	63	111494	21.857	ug/l	98
25) 2-Butanone	6.984	43	126451	95.114	ug/l	91
26) 2,2-Dichloropropane	6.984	77	101989	23.203	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	67556	22.159	ug/l	95
28) Bromochloromethane	7.338	49	39984	22.089	ug/l	86
29) Tetrahydrofuran	7.350	42	74459	89.974	ug/l	94
30) Chloroform	7.502	83	115495	22.772	ug/l	99
31) Cyclohexane	7.789	56	96382	20.223	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	105568	23.326	ug/l	98
36) 1,1-Dichloropropene	7.917	75	85031	22.594	ug/l	98
37) Ethyl Acetate	7.076	43	54373	19.199	ug/l	98
38) Carbon Tetrachloride	7.899	117	98538	24.981	ug/l	98
39) Methylcyclohexane	9.185	83	96093	21.659	ug/l	97
40) Benzene	8.161	78	247566	23.353	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	74105	56.152	ug/l #	34
42) 1,2-Dichloroethane	8.234	62	83617	24.126	ug/l	100
43) Isopropyl Acetate	8.271	43	97171	20.328	ug/l	97
44) Trichloroethene	8.935	130	64844	22.996	ug/l	96
45) 1,2-Dichloropropane	9.215	63	64055	23.110	ug/l	97
46) Dibromomethane	9.307	93	36737	22.151	ug/l	99
47) Bromodichloromethane	9.496	83	88217	23.772	ug/l	97
48) Methyl methacrylate	9.295	41	45107	20.546	ug/l	93
49) 1,4-Dioxane	9.313	88	8963	378.406	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	262009	98.361	ug/l	97
52) Toluene	10.240	92	151869	23.806	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	88541	22.544	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	100295	22.694	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	50602	23.040	ug/l	94
56) Ethyl methacrylate	10.508	69	64774	21.258	ug/l	94
57) 1,3-Dichloropropane	10.788	76	85478	22.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	125458	109.803	ug/l	95
59) 2-Hexanone	10.831	43	191454	98.875	ug/l	95
60) Dibromochloromethane	10.983	129	62473	23.426	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47670	22.077	ug/l	100
64) Tetrachloroethene	10.715	164	58240	23.403	ug/l	99
65) Chlorobenzene	11.514	112	162516	22.796	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	63260	23.726	ug/l	98
67) Ethyl Benzene	11.593	91	288849	23.074	ug/l	99
68) m/p-Xylenes	11.703	106	224400	47.153	ug/l	98
69) o-Xylene	12.026	106	106218	23.600	ug/l	100
70) Styrene	12.044	104	175531	23.325	ug/l	100
71) Bromoform	12.209	173	42245	22.620	ug/l #	98
73) Isopropylbenzene	12.331	105	278334	21.961	ug/l	99
74) N-amyl acetate	12.142	43	82549	18.303	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	62359	20.130	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	79753	35.292	ug/l #	100
77) Bromobenzene	12.611	156	69098	22.501	ug/l	96
78) n-propylbenzene	12.672	91	347538	22.263	ug/l	98
79) 2-Chlorotoluene	12.758	91	192921	22.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	235106	22.728	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20786	18.816	ug/l	91
82) 4-Chlorotoluene	12.855	91	200704	22.089	ug/l	98
83) tert-Butylbenzene	13.075	119	202243	22.567	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	231008	22.970	ug/l	99
85) sec-Butylbenzene	13.251	105	304522	22.641	ug/l	99
86) p-Isopropyltoluene	13.367	119	250132	23.125	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	136225	23.284	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	133630	22.611	ug/l	99
89) n-Butylbenzene	13.696	91	233603	22.128	ug/l	98
90) Hexachloroethane	13.959	117	50744	22.291	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	120099	22.732	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10042	18.355	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	70521	22.388	ug/l	98
94) Hexachlorobutadiene	15.111	225	45443	24.789	ug/l	100
95) Naphthalene	15.233	128	130510	19.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	61673	21.967	ug/l	98

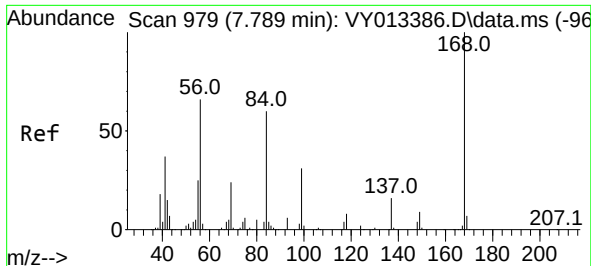
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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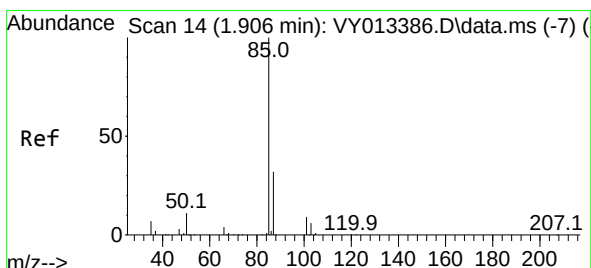
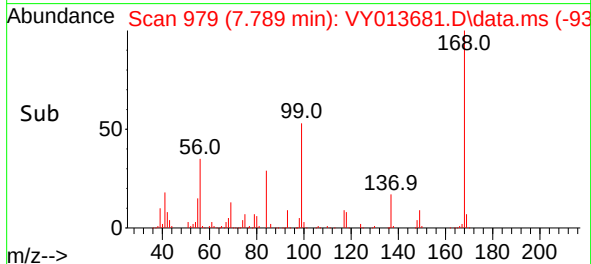
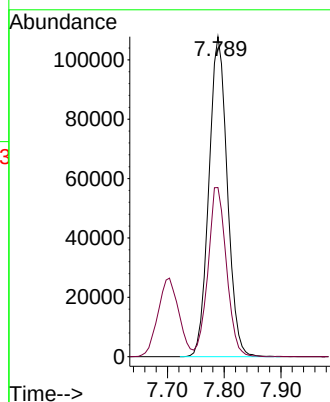
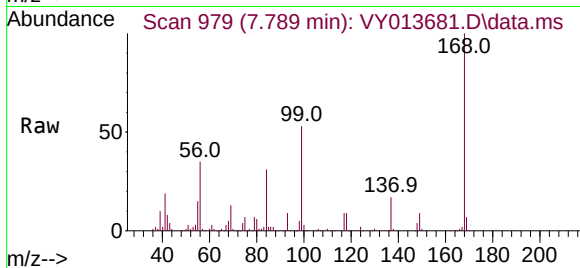
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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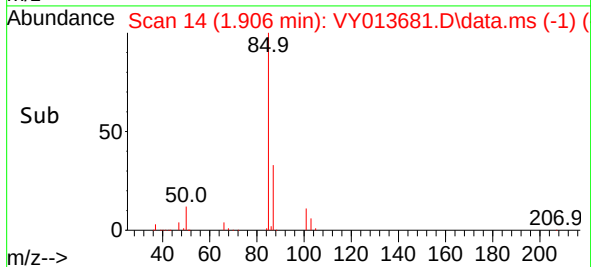
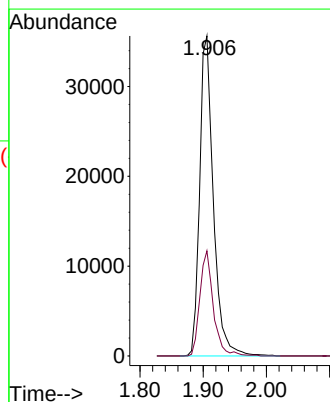
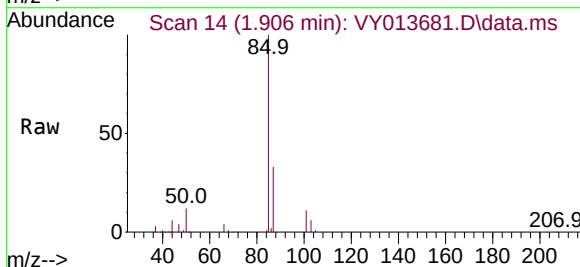
Instrument :
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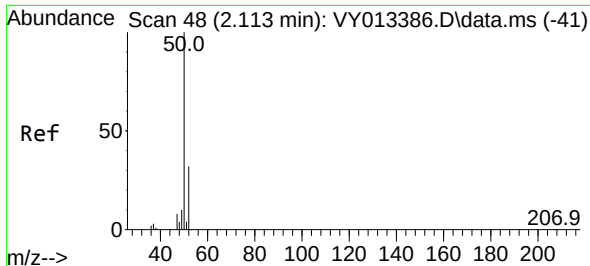
Tgt Ion:168 Resp: 242827
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.317 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 85 Resp: 53827
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

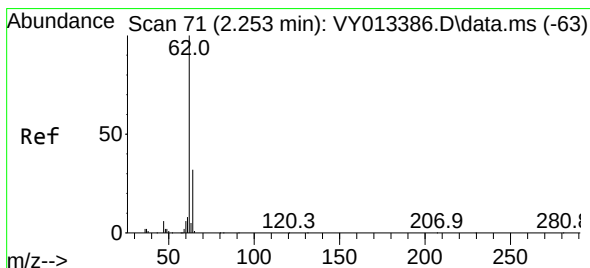
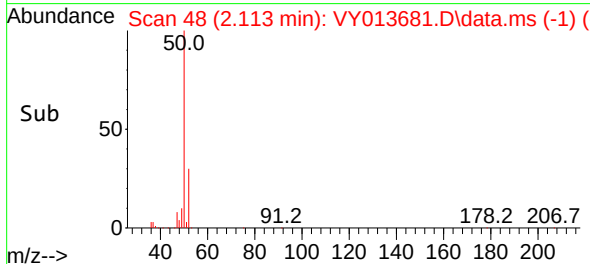
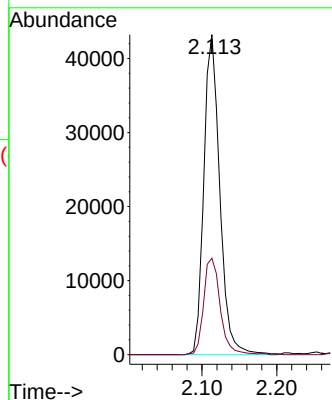
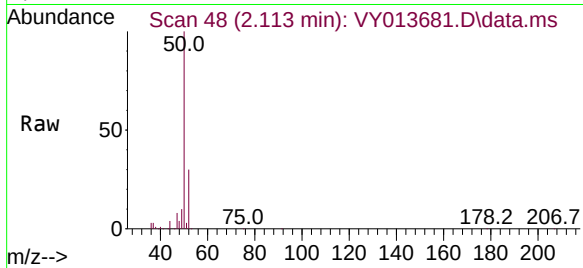




#3
Chloromethane
Concen: 20.706 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

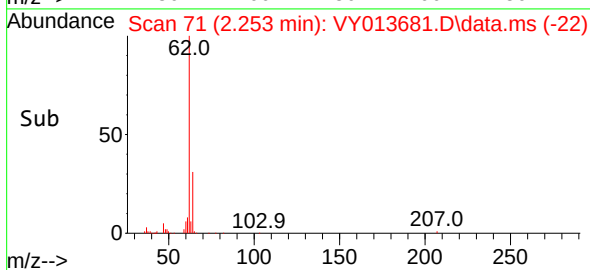
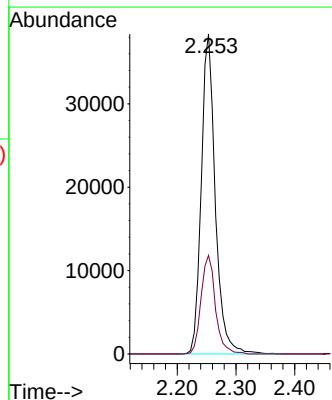
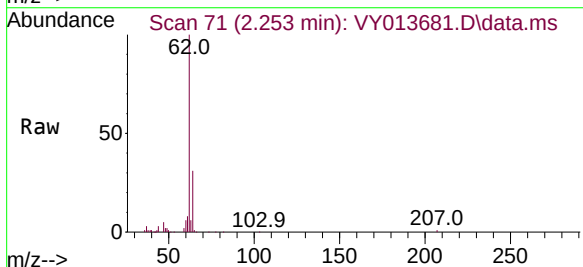
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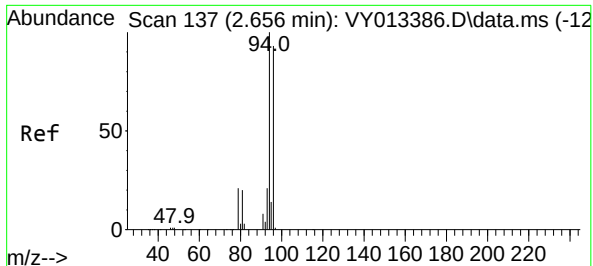
Tgt Ion: 50 Resp: 64074
Ion Ratio Lower Upper
50 100
52 30.1 25.9 38.9



#4
Vinyl Chloride
Concen: 20.633 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 62 Resp: 63573
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

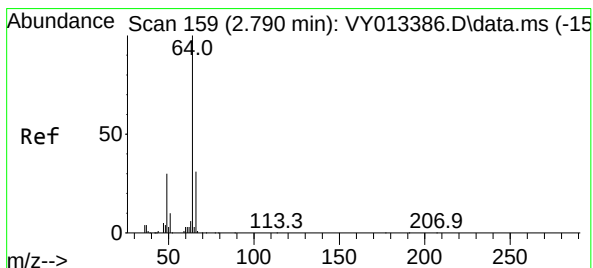
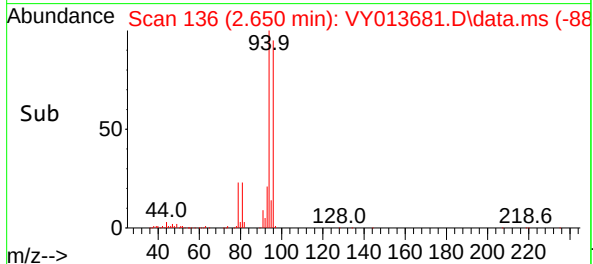
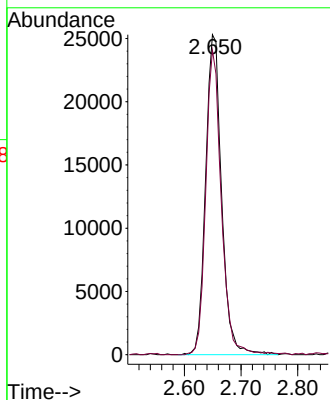
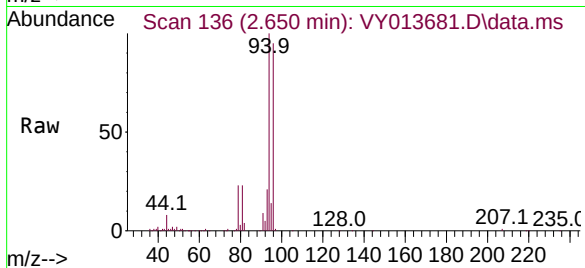




#5
Bromomethane
Concen: 20.151 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

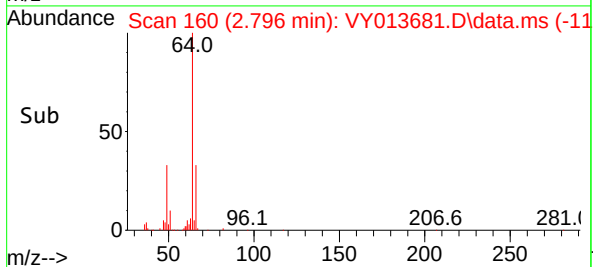
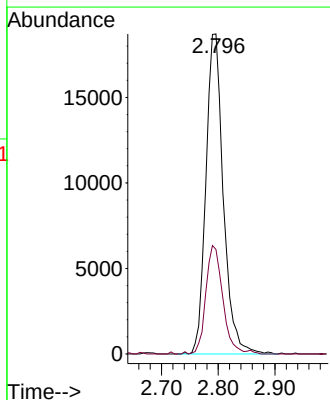
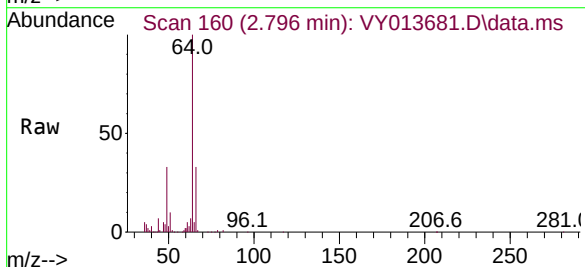
Instrument :
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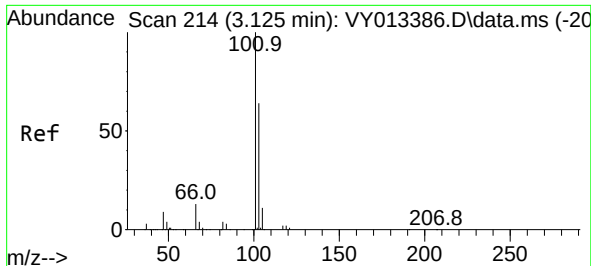
Tgt Ion: 94 Resp: 49477
Ion Ratio Lower Upper
94 100
96 95.1 74.2 111.2



#6
Chloroethane
Concen: 18.790 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 64 Resp: 39995
Ion Ratio Lower Upper
64 100
66 32.6 24.6 37.0

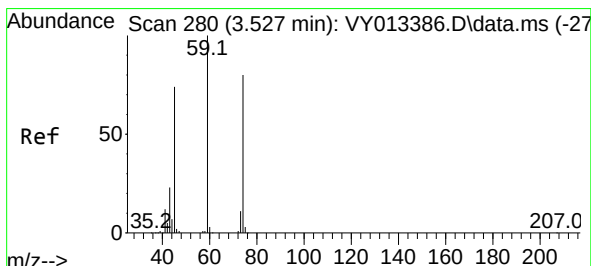
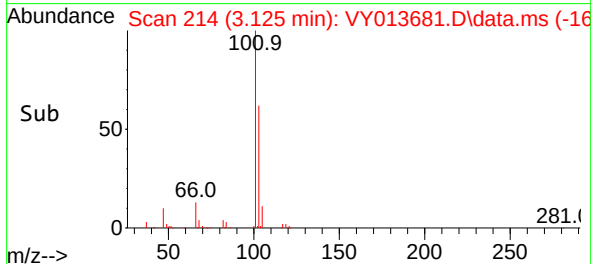
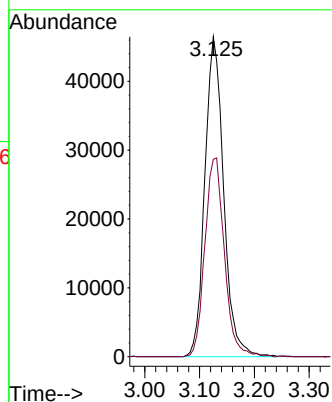
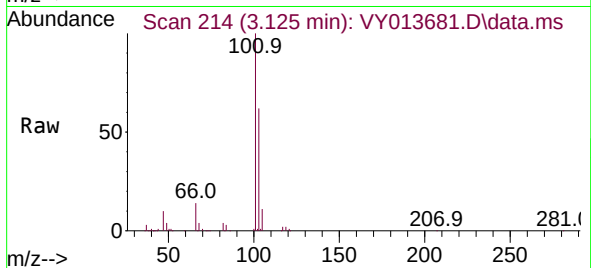




#7
 Trichlorofluoromethane
 Concen: 23.640 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013681.D
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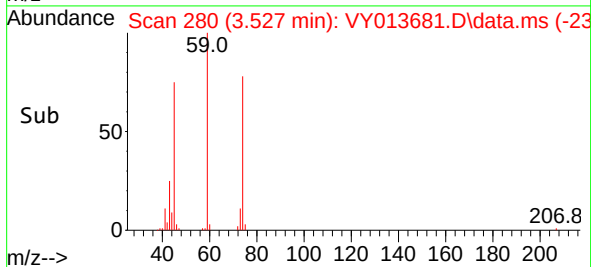
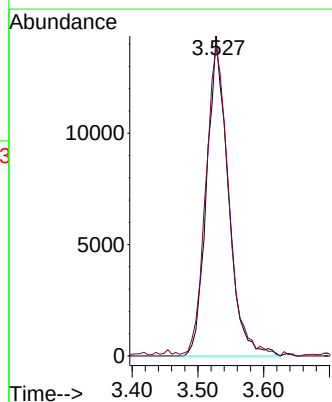
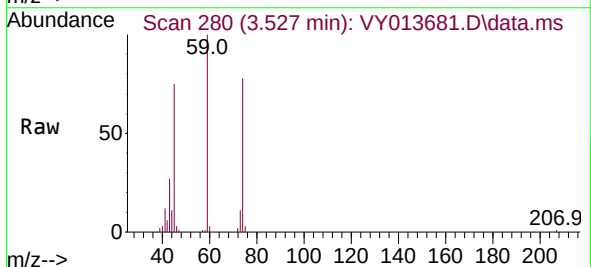
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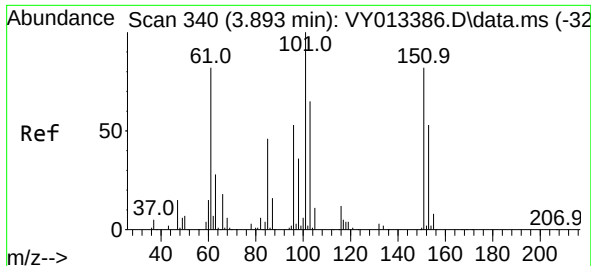
Tgt Ion:101 Resp: 110342
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.6 77.4



#8
 Diethyl Ether
 Concen: 20.544 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013681.D
 Acq: 10 May 2023 12:35

Tgt Ion: 74 Resp: 32654
 Ion Ratio Lower Upper
 74 100
 45 104.1 48.2 144.6

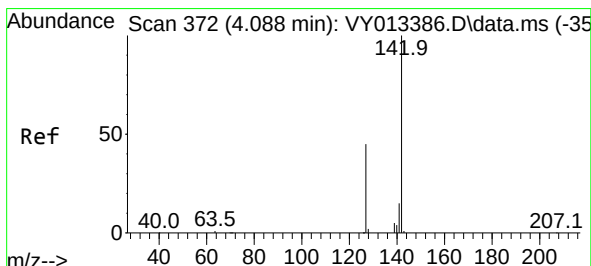
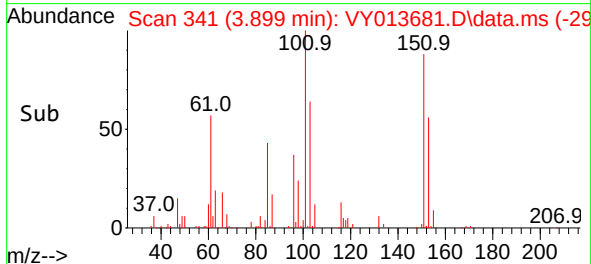
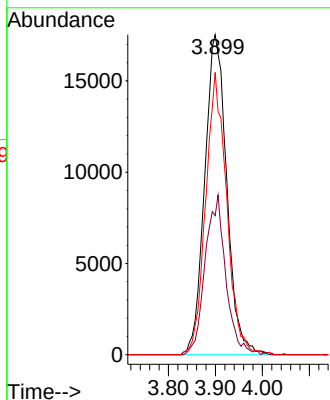
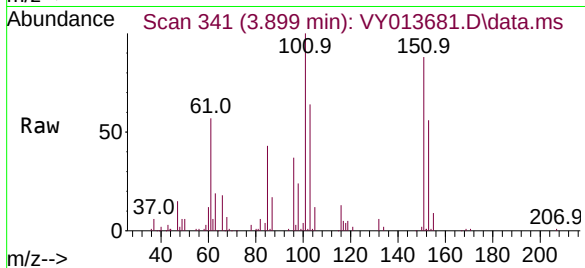




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.865 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013681.D
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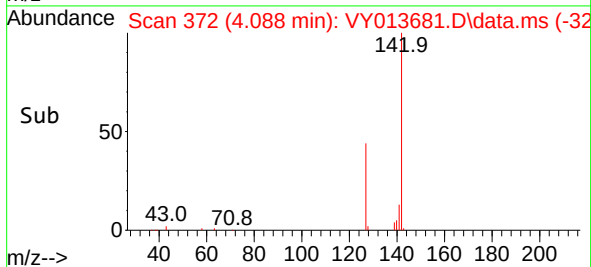
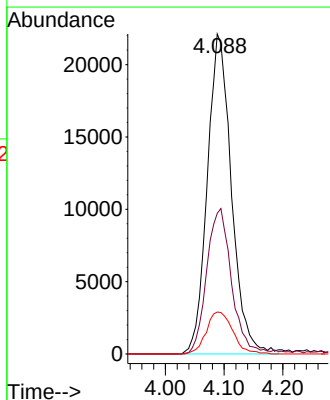
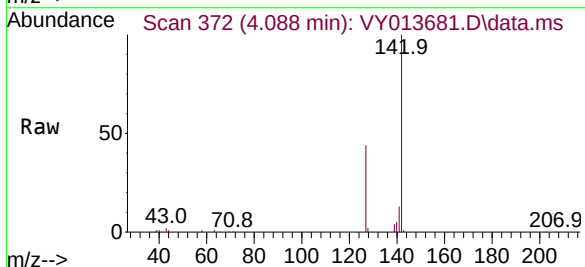
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ClientSampleId :
VY0510SBS01

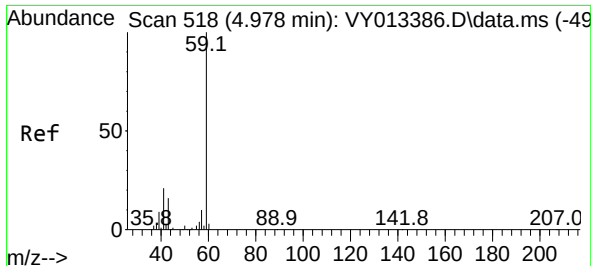
Tgt Ion:101 Resp: 57244
Ion Ratio Lower Upper
101 100
85 46.4 35.6 53.4
151 83.9 68.0 102.0



#10
Methyl Iodide
Concen: 19.208 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion:142 Resp: 63162
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 14.4 11.6 17.4

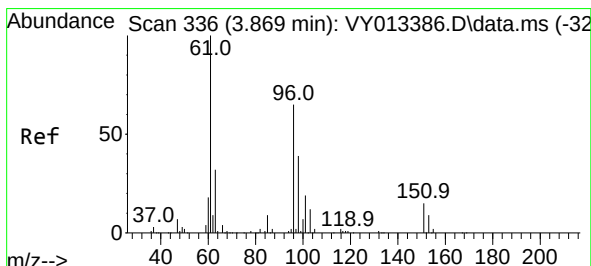
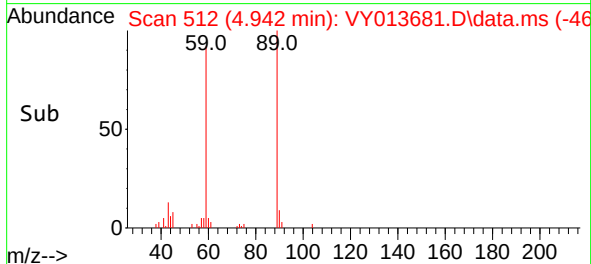
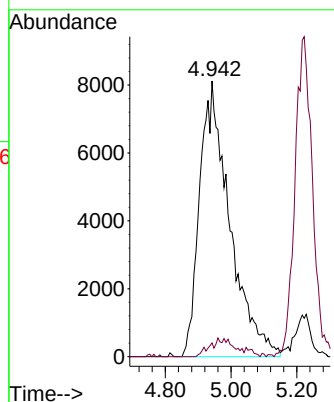
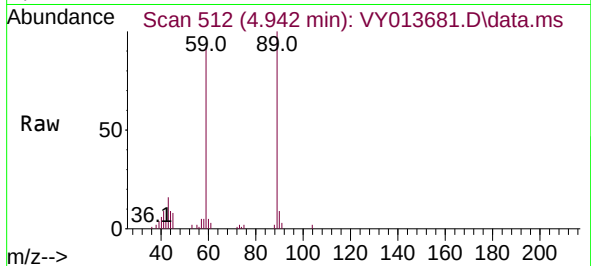




#11
Tert butyl alcohol
Concen: 171.809 ug/l
RT: 4.942 min Scan# 518
Delta R.T. -0.036 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

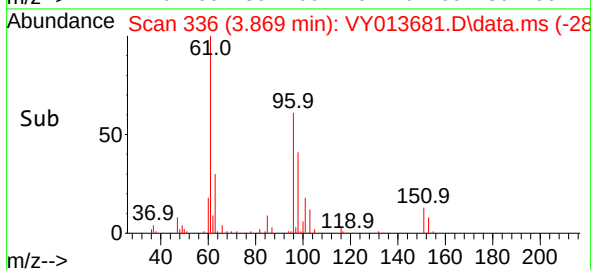
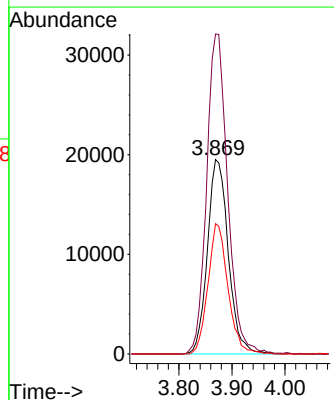
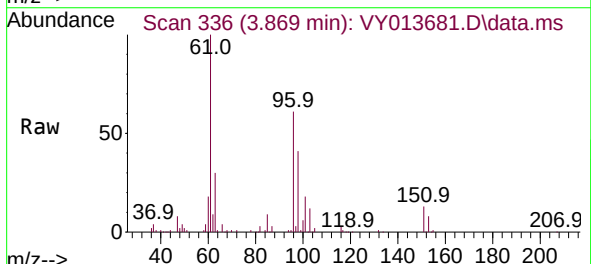
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

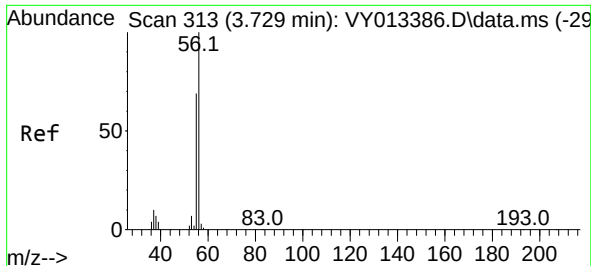
Tgt Ion: 59 Resp: 51451
Ion Ratio Lower Upper
59 100
57 2.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.155 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 96 Resp: 53389
Ion Ratio Lower Upper
96 100
61 164.6 123.9 185.9
98 67.0 48.9 73.3





#13

Acrolein

Concen: 71.914 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

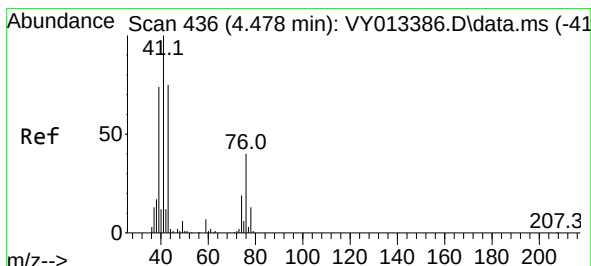
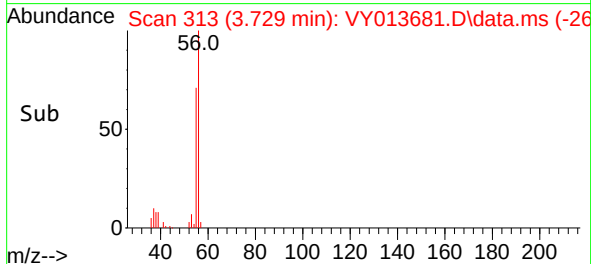
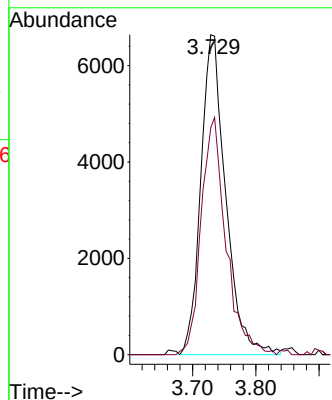
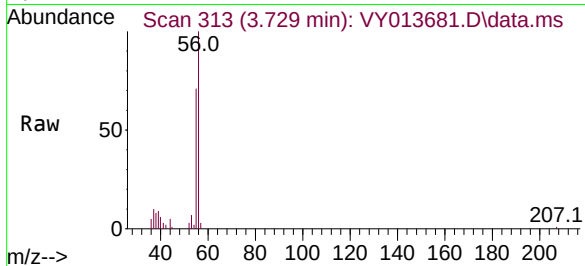
VY0510SBSD01

Tgt Ion: 56 Resp: 18193

Ion Ratio Lower Upper

56 100

55 73.7 54.1 81.1



#14

Allyl chloride

Concen: 20.199 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.007 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

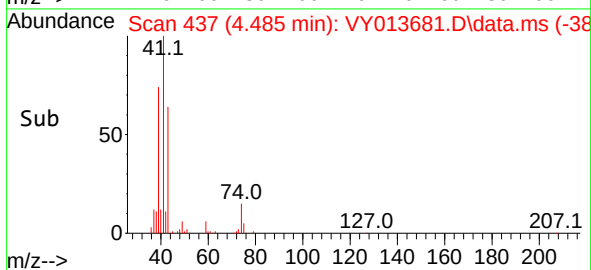
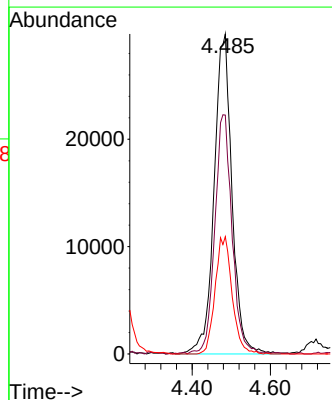
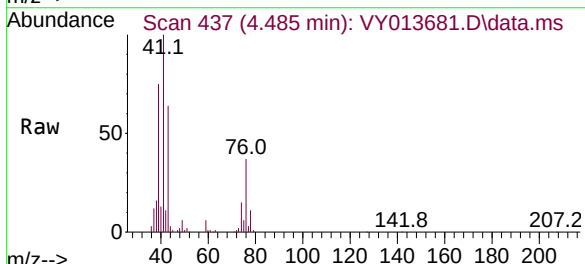
Tgt Ion: 41 Resp: 94587

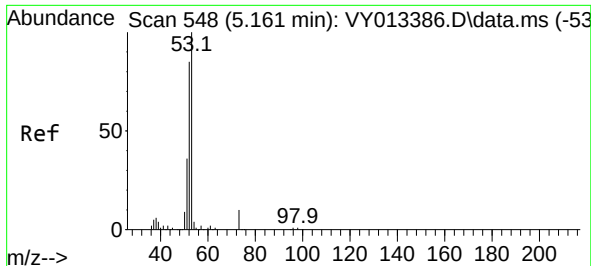
Ion Ratio Lower Upper

41 100

39 72.1 56.6 85.0

76 34.8 30.5 45.7





#15

Acrylonitrile

Concen: 99.952 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

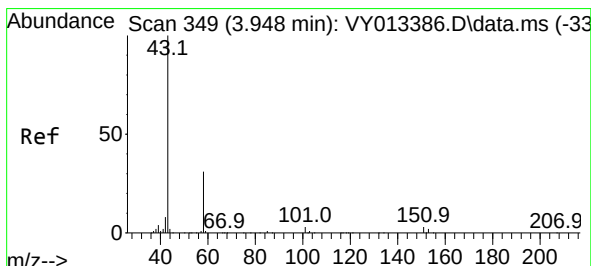
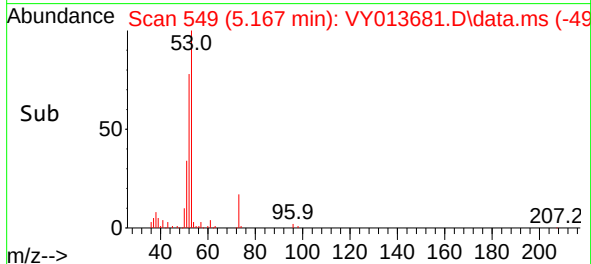
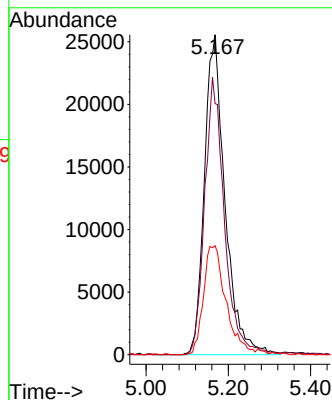
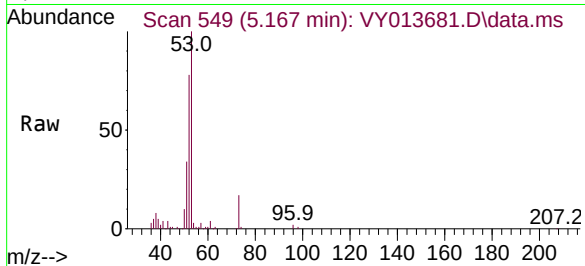
Tgt Ion: 53 Resp: 88972

Ion Ratio Lower Upper

53 100

52 82.8 65.4 98.0

51 36.9 29.3 43.9



#16

Acetone

Concen: 91.988 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013681.D

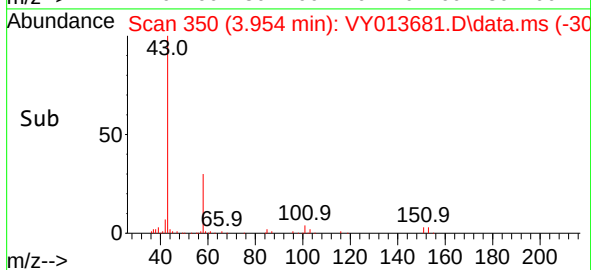
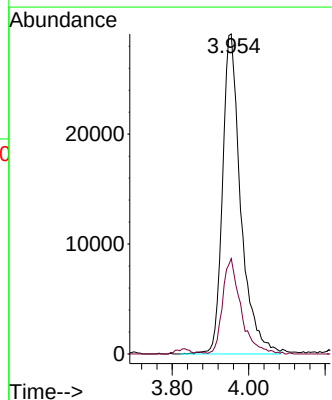
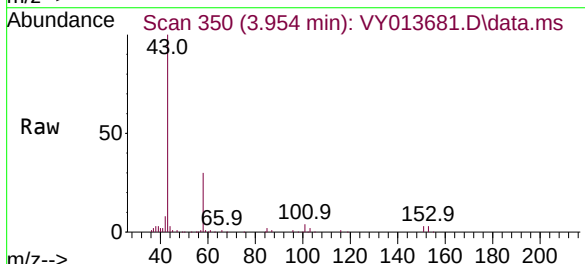
Acq: 10 May 2023 12:35

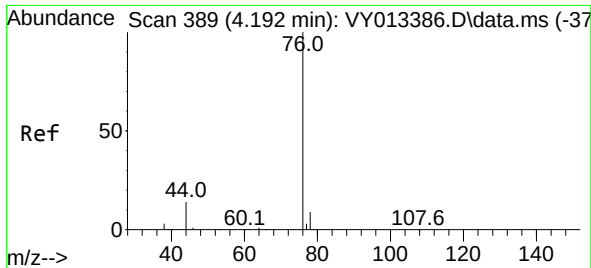
Tgt Ion: 43 Resp: 96430

Ion Ratio Lower Upper

43 100

58 29.5 25.4 38.0





#17

Carbon Disulfide

Concen: 19.076 ug/l

RT: 4.192 min Scan# 389

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

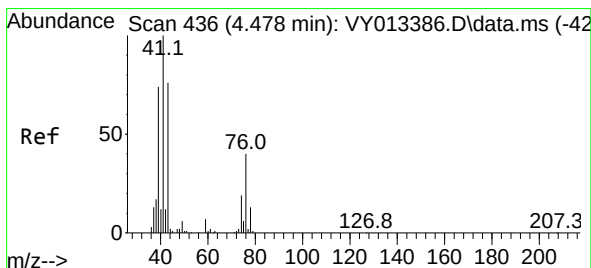
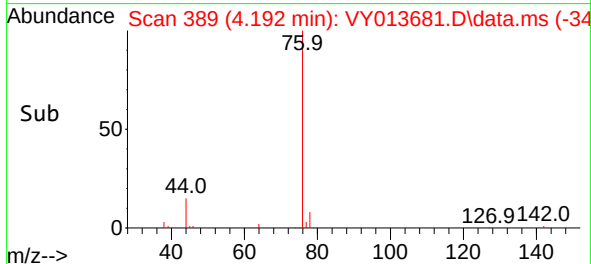
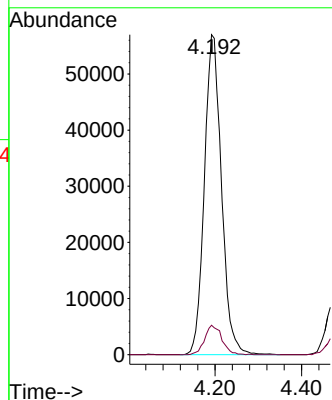
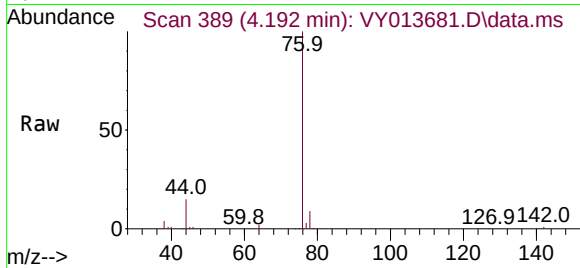
VY0510SBSD01

Tgt Ion: 76 Resp: 156378

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



#18

Methyl Acetate

Concen: 18.831 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013681.D

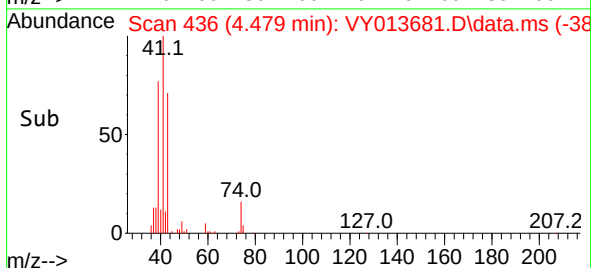
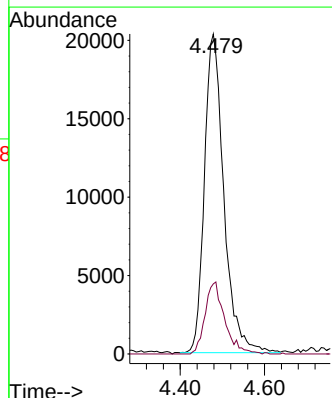
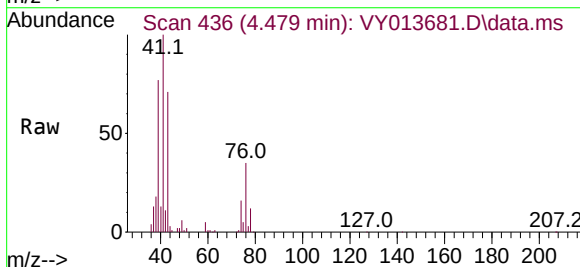
Acq: 10 May 2023 12:35

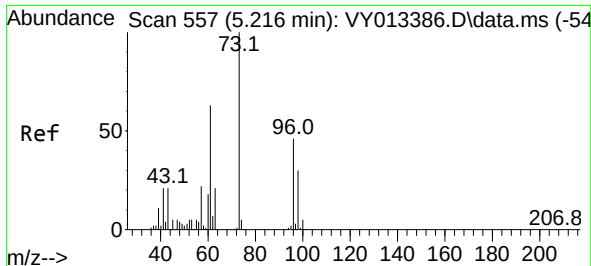
Tgt Ion: 43 Resp: 65199

Ion Ratio Lower Upper

43 100

74 22.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.559 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

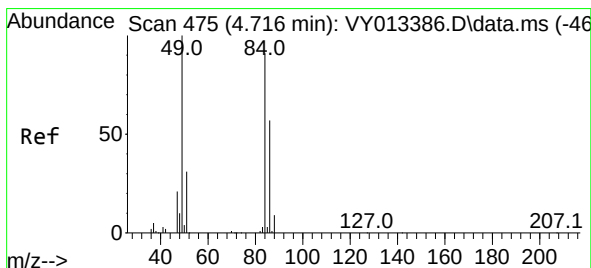
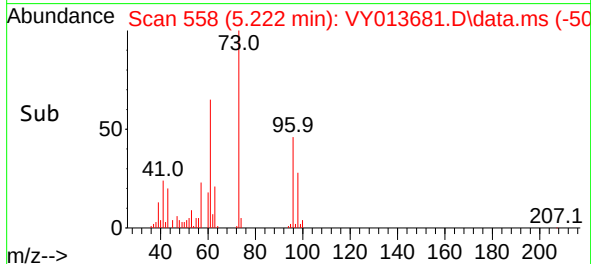
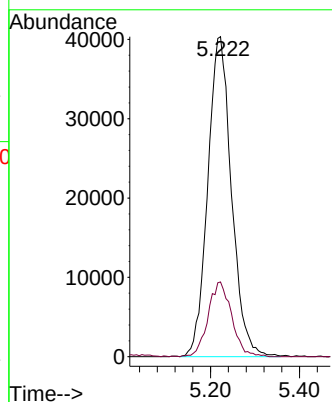
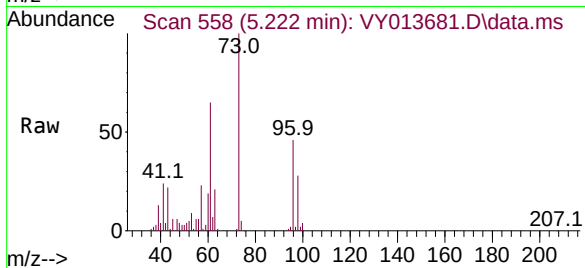
VY0510SBS01

Tgt Ion: 73 Resp: 149785

Ion Ratio Lower Upper

73 100

57 23.4 17.8 26.8



#20

Methylene Chloride

Concen: 21.920 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Tgt Ion: 84 Resp: 86906

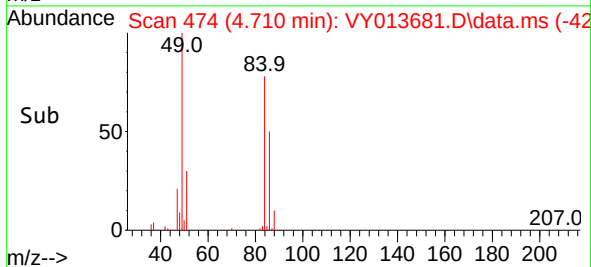
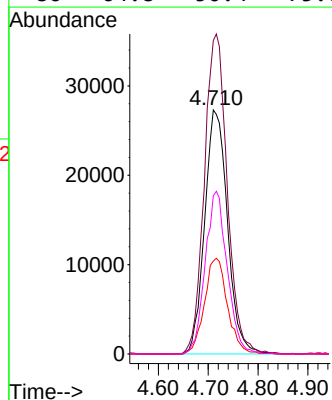
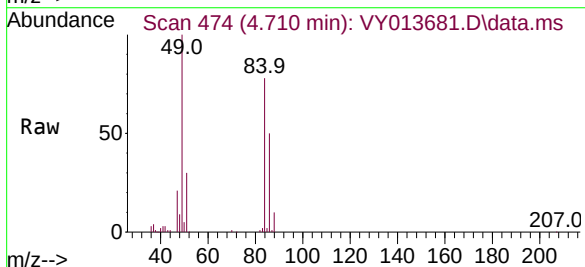
Ion Ratio Lower Upper

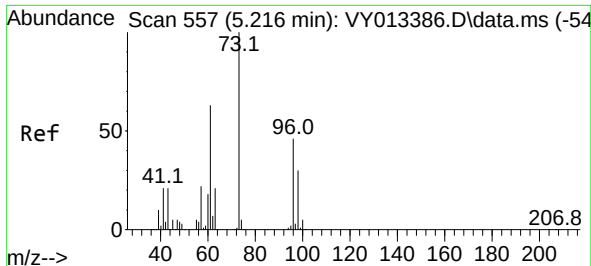
84 100

49 128.5 88.0 132.0

51 38.1 27.4 41.0

86 64.8 50.4 75.6

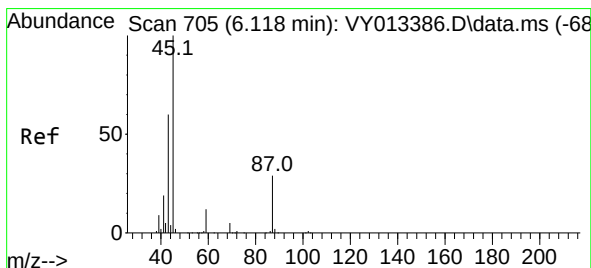
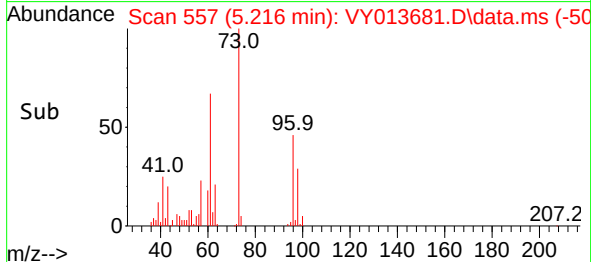
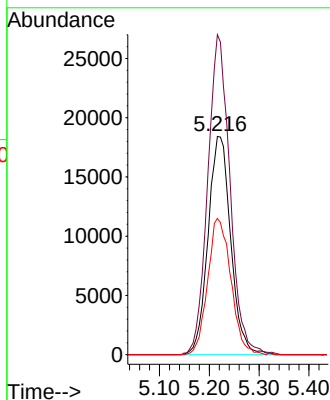
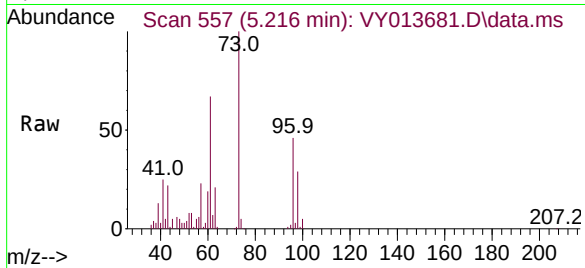




#21
trans-1,2-Dichloroethene
Concen: 21.100 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

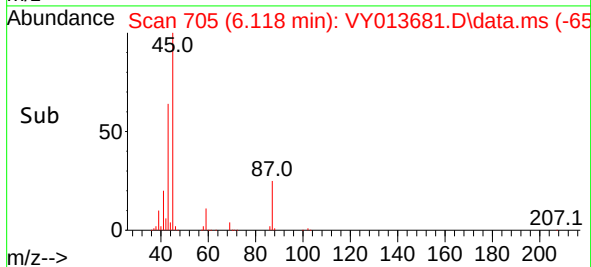
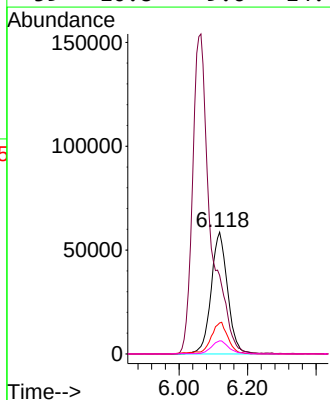
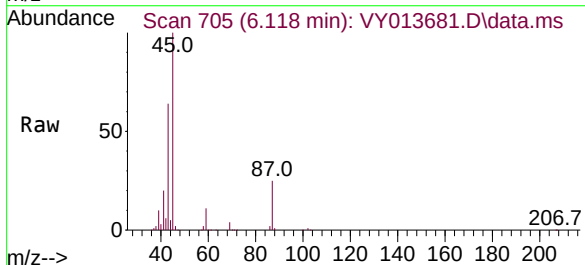
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

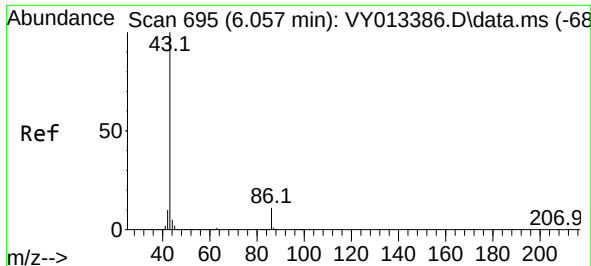
Tgt Ion: 96 Resp: 58220
Ion Ratio Lower Upper
96 100
61 146.6 110.6 165.8
98 62.4 53.1 79.7



#22
Diisopropyl ether
Concen: 21.394 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 45 Resp: 195810
Ion Ratio Lower Upper
45 100
43 64.2 48.4 72.6
87 25.5 23.8 35.6
59 10.8 9.6 14.4

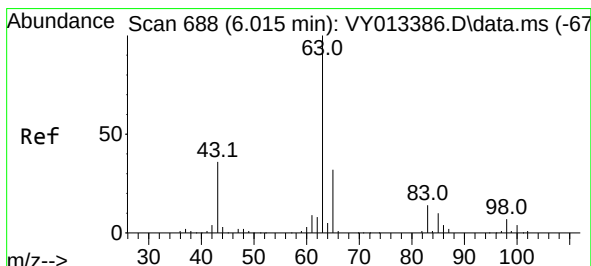
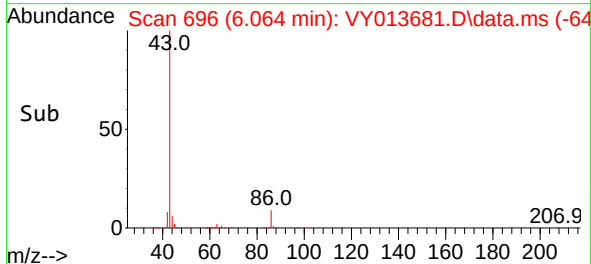
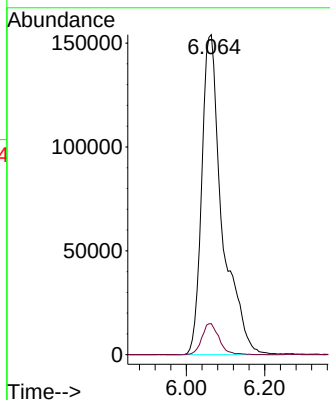
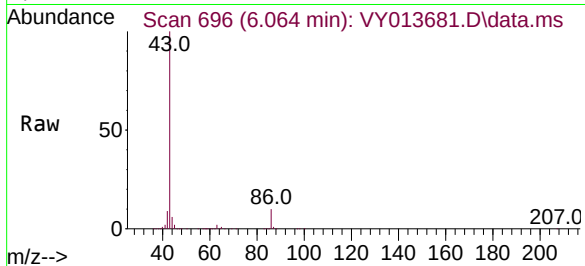




#23
 Vinyl Acetate
 Concen: 107.949 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY013681.D
 Acq: 10 May 2023 12:35

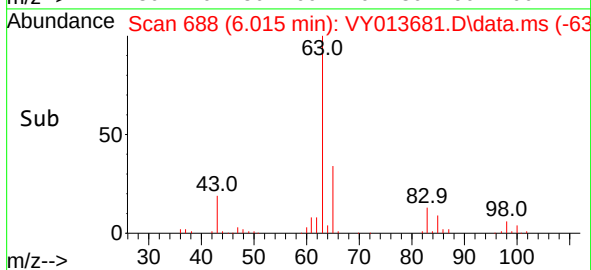
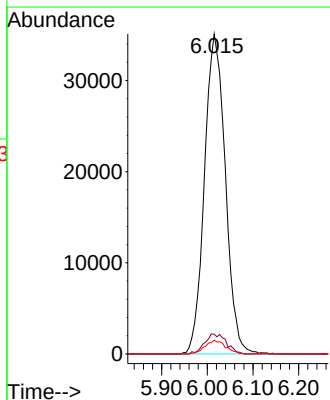
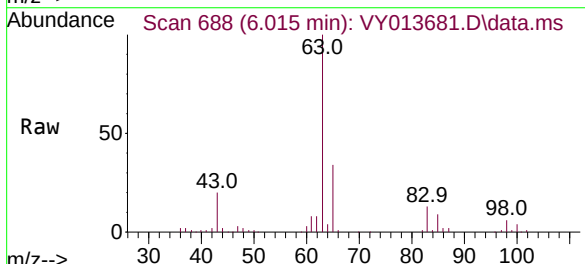
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBSD01

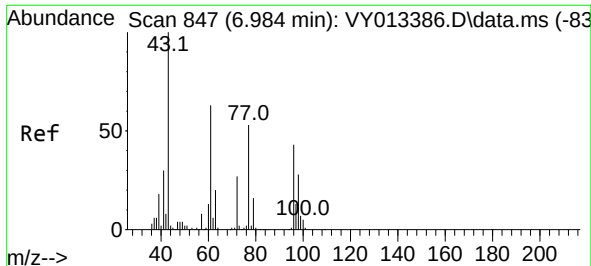
Tgt Ion: 43 Resp: 559410
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.857 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013681.D
 Acq: 10 May 2023 12:35

Tgt Ion: 63 Resp: 111494
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 4.3 2.2 6.6

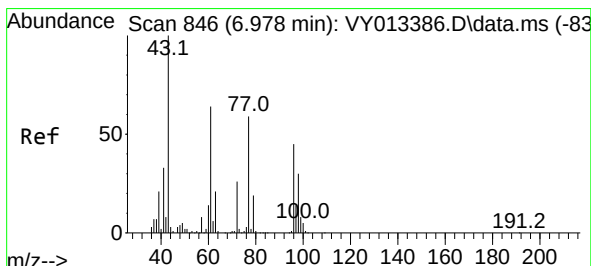
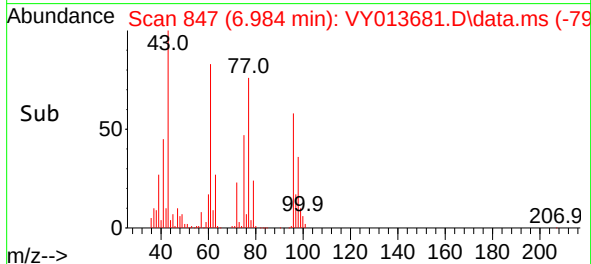
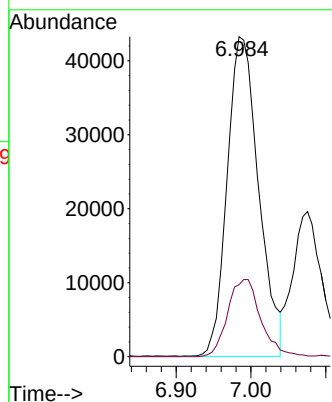
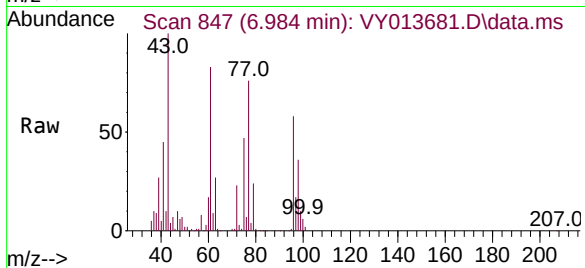




#25
2-Butanone
Concen: 95.114 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

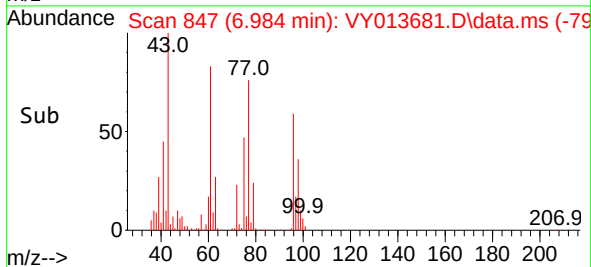
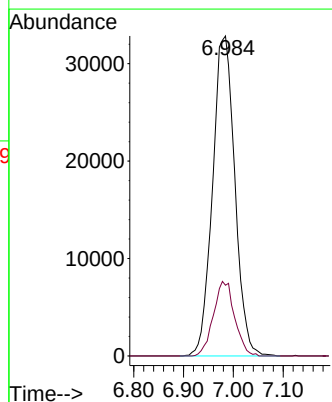
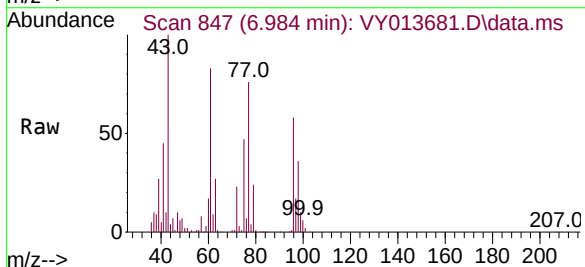
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

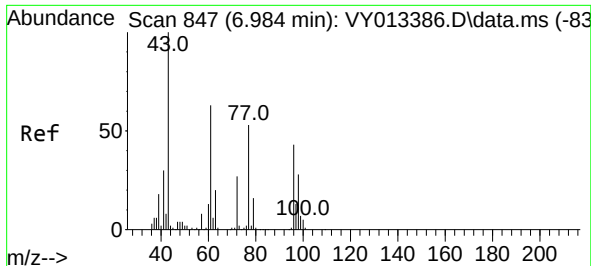
Tgt Ion: 43 Resp: 126451
Ion Ratio Lower Upper
43 100
72 22.6 21.9 32.9



#26
2,2-Dichloropropane
Concen: 23.203 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 77 Resp: 101989
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 22.159 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

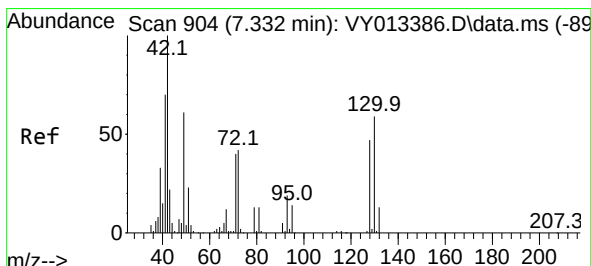
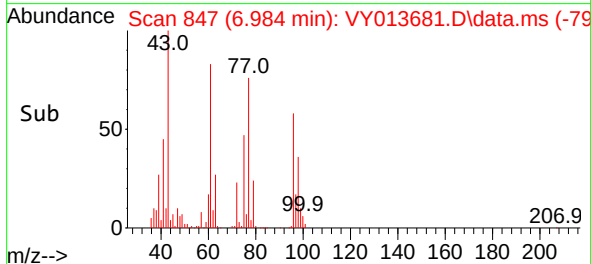
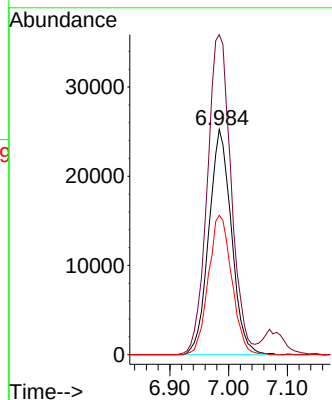
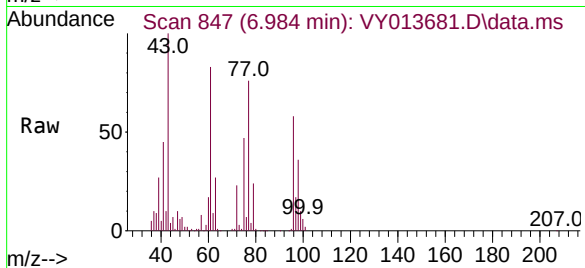
Tgt Ion: 96 Resp: 67556

Ion Ratio Lower Upper

96 100

61 149.8 0.0 285.0

98 63.7 0.0 130.6



#28

Bromochloromethane

Concen: 22.089 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

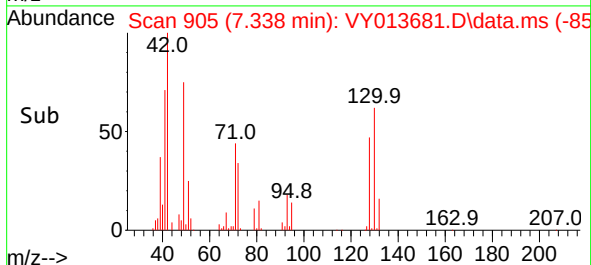
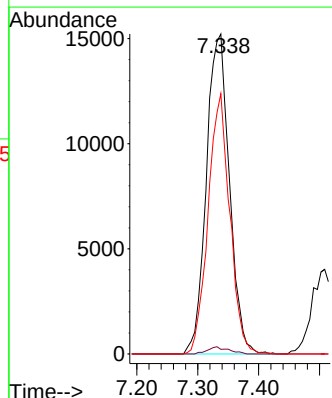
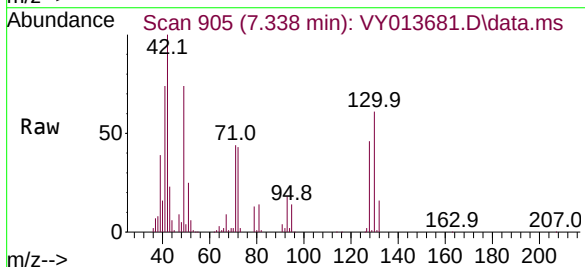
Tgt Ion: 49 Resp: 39984

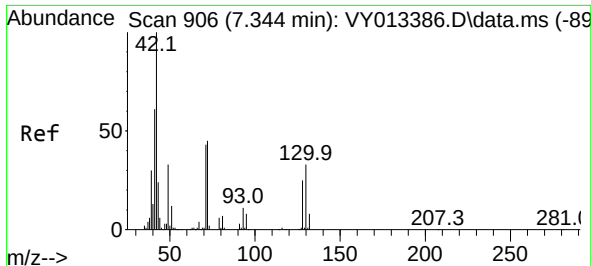
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 76.5 72.1 108.1





#29

Tetrahydrofuran

Concen: 89.974 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBSD01

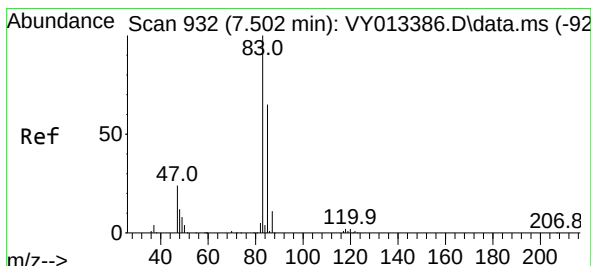
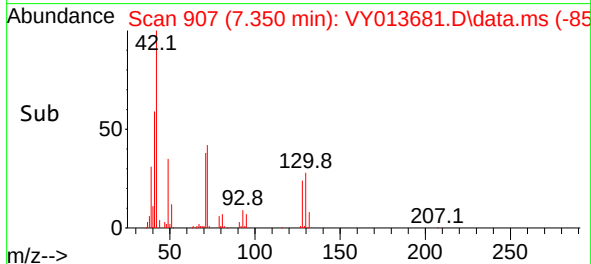
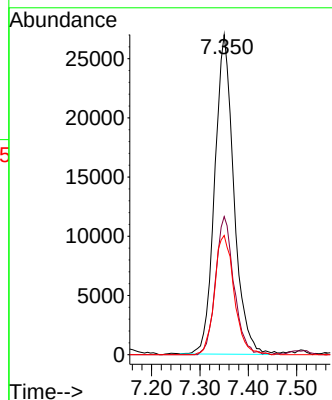
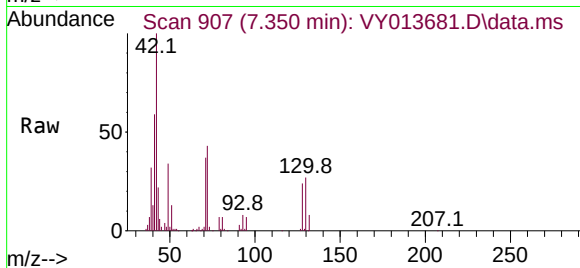
Tgt Ion: 42 Resp: 74459

Ion Ratio Lower Upper

42 100

72 41.5 35.9 53.9

71 38.1 34.3 51.5



#30

Chloroform

Concen: 22.772 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013681.D

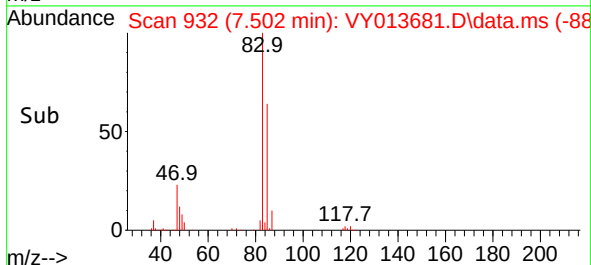
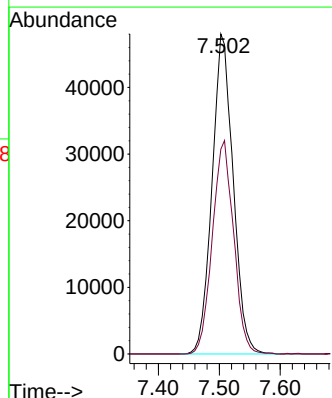
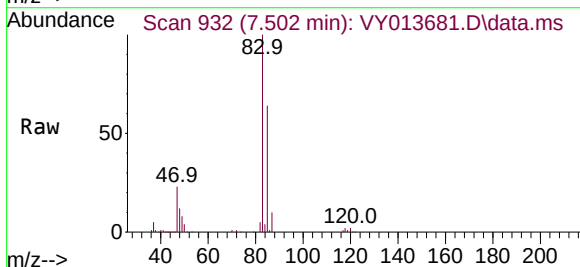
Acq: 10 May 2023 12:35

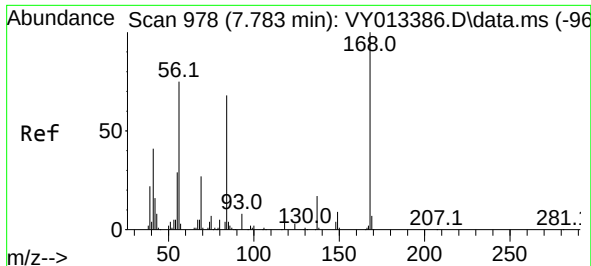
Tgt Ion: 83 Resp: 115495

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0

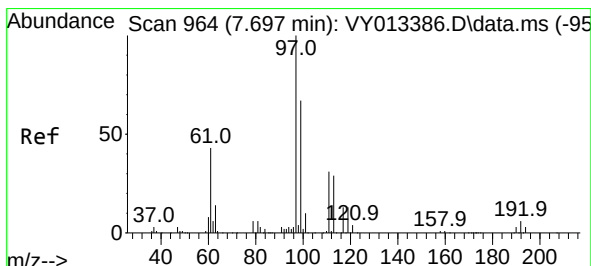
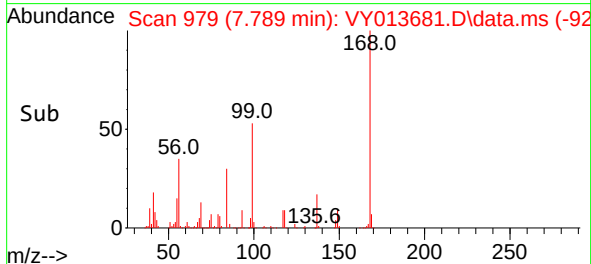
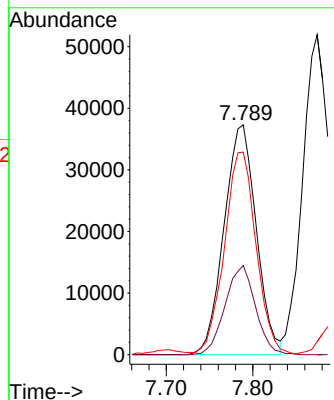
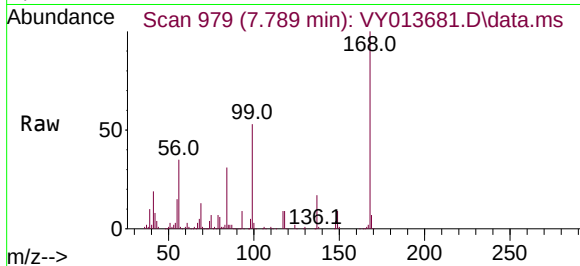




#31
Cyclohexane
Concen: 20.223 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

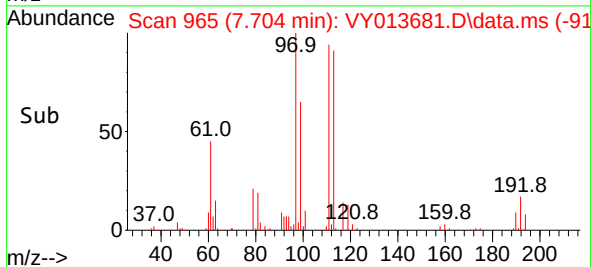
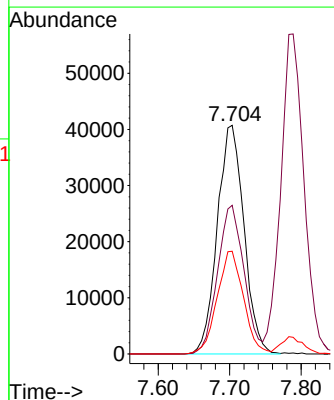
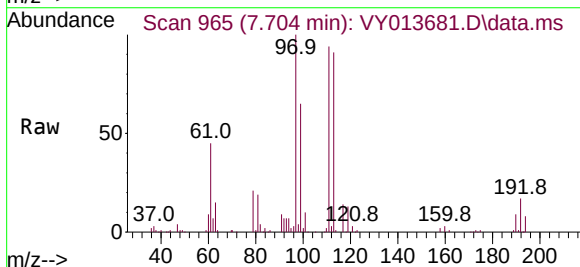
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

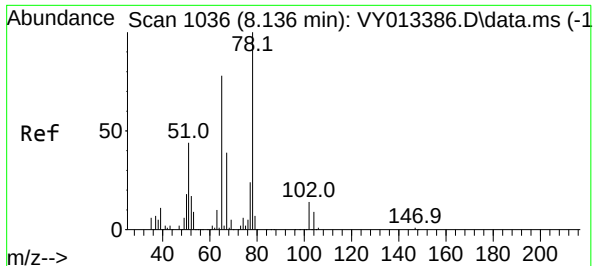
Tgt Ion: 56 Resp: 96382
Ion Ratio Lower Upper
56 100
69 38.8 29.2 43.8
84 86.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 23.326 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 97 Resp: 105568
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 44.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.306 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

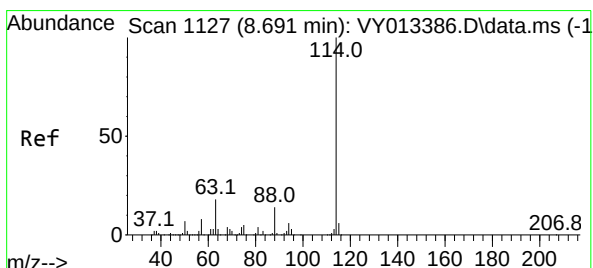
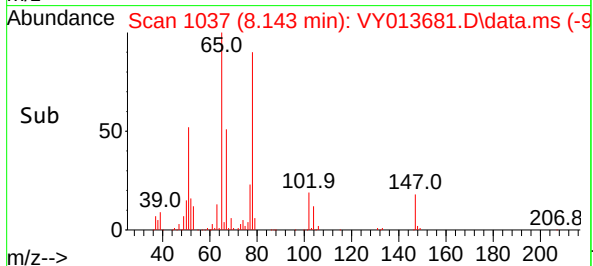
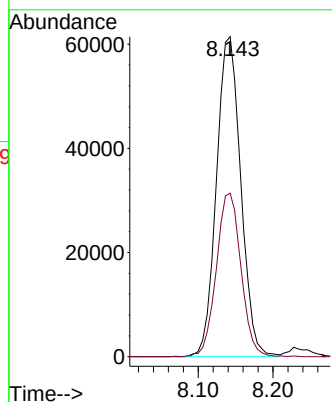
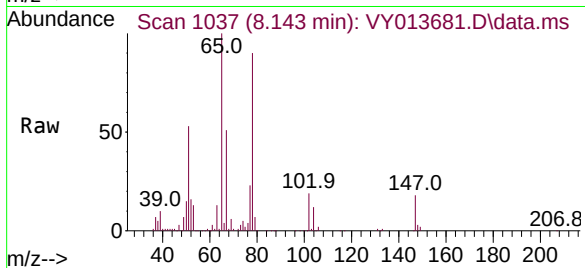
VY0510SBSD01

Tgt Ion: 65 Resp: 139234

Ion Ratio Lower Upper

65 100

67 51.7 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: VY013681.D

Acq: 10 May 2023 12:35

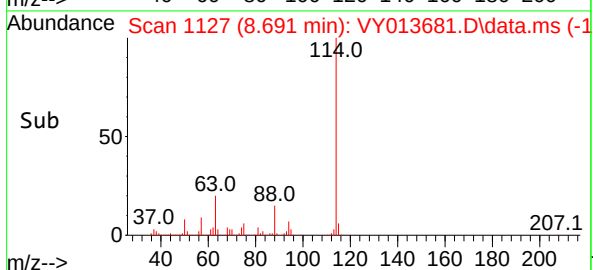
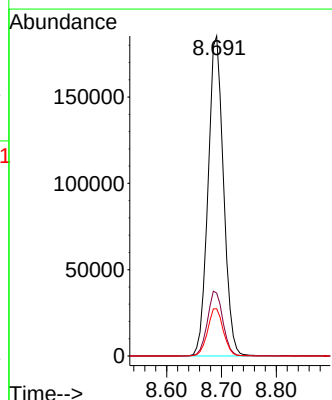
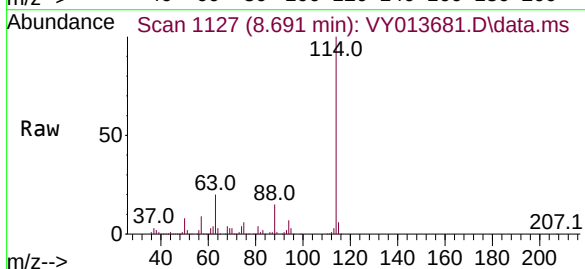
Tgt Ion: 114 Resp: 360531

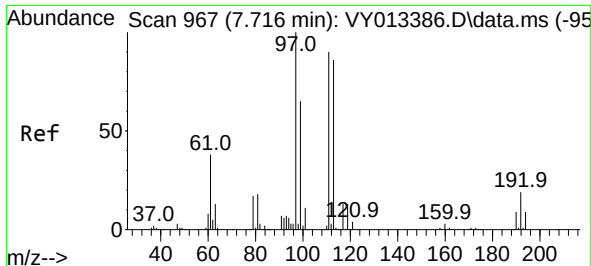
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.6

88 14.7 0.0 28.8

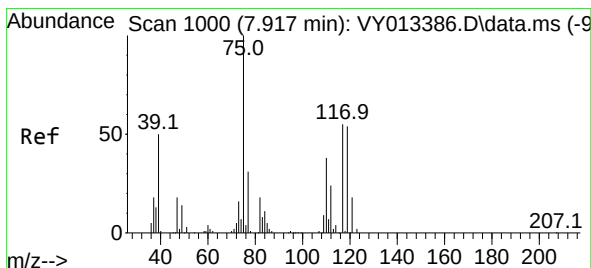
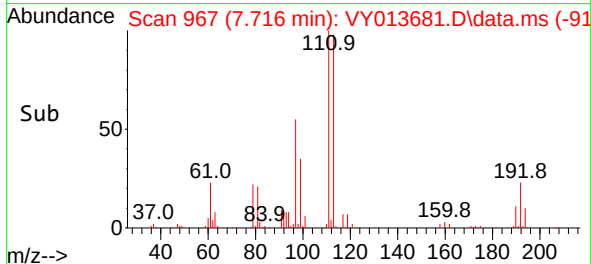
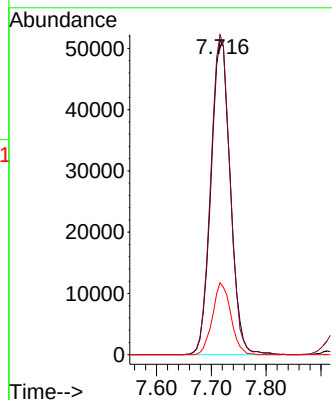
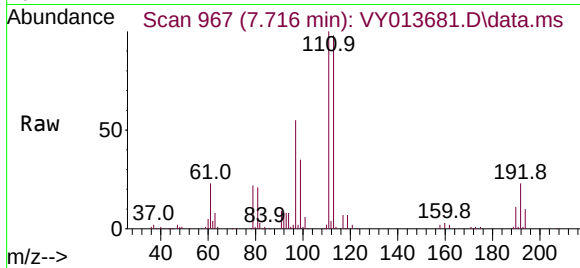




#35
Dibromofluoromethane
Concen: 55.581 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

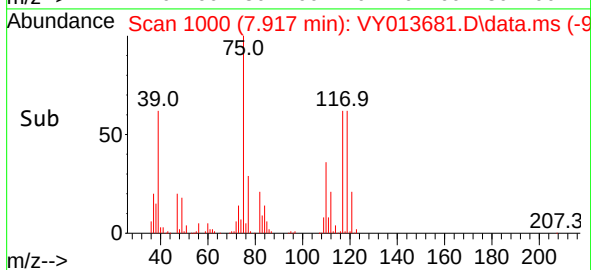
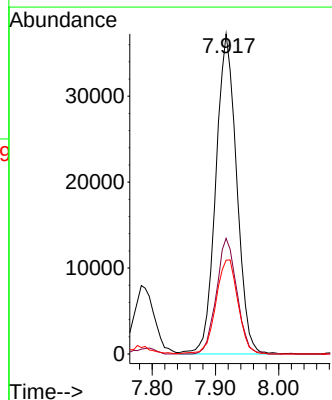
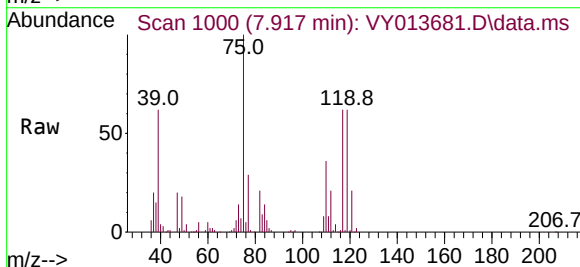
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

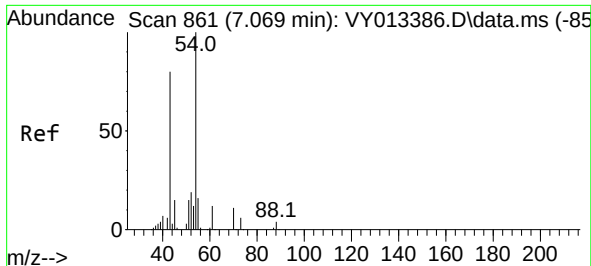
Tgt Ion:113 Resp: 126035
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 21.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 22.594 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 75 Resp: 85031
Ion Ratio Lower Upper
75 100
110 35.3 18.7 56.1
77 31.3 24.6 37.0

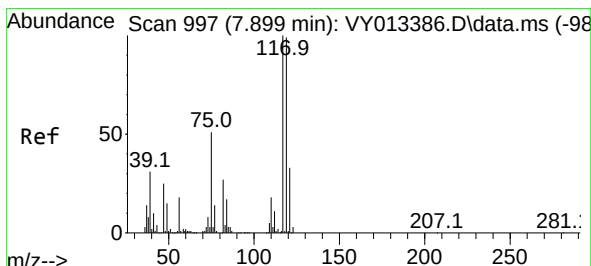
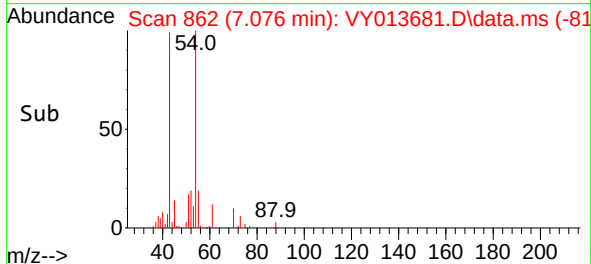
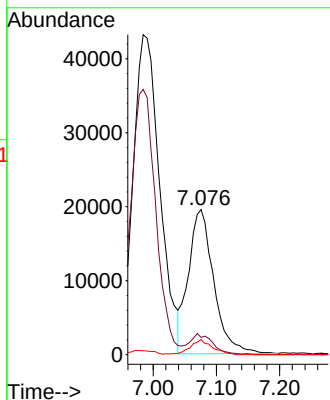
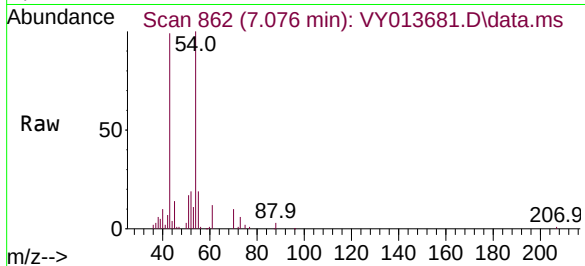




#37
Ethyl Acetate
Concen: 19.199 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

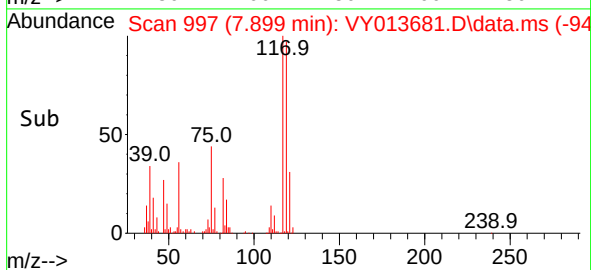
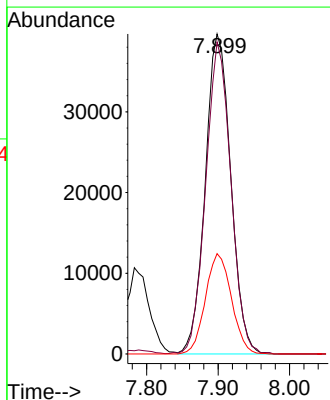
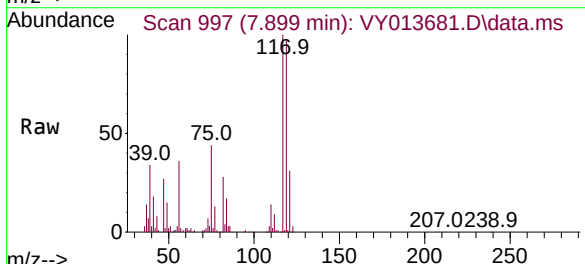
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

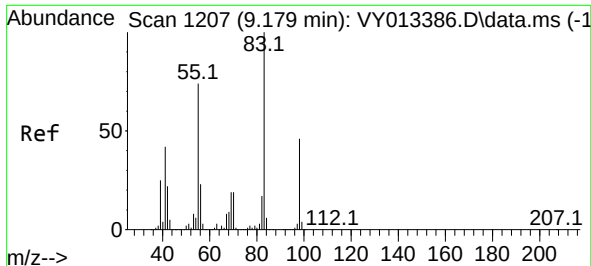
Tgt Ion: 43 Resp: 54373
Ion Ratio Lower Upper
43 100
61 13.3 11.4 17.0
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 24.981 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 117 Resp: 98538
Ion Ratio Lower Upper
117 100
119 97.5 79.0 118.6
121 31.4 26.6 40.0





#39

Methylcyclohexane

Concen: 21.659 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBSD01

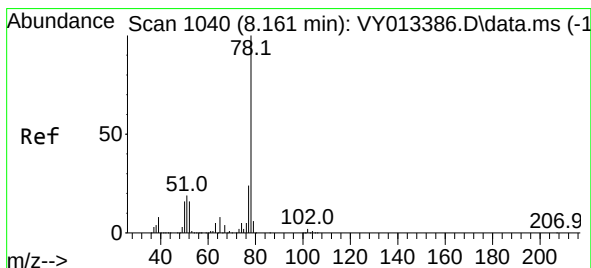
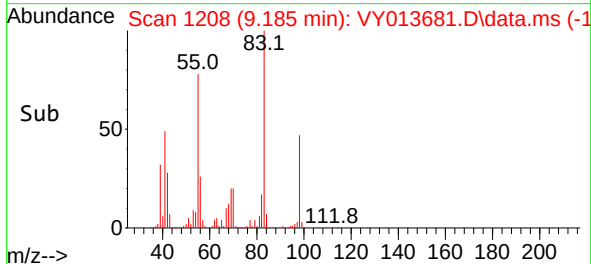
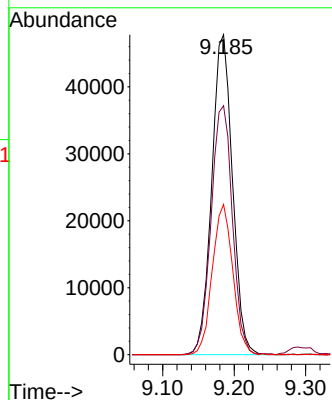
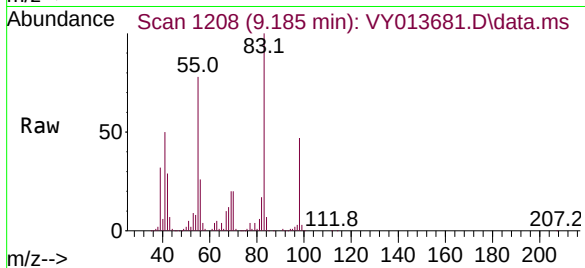
Tgt Ion: 83 Resp: 96093

Ion Ratio Lower Upper

83 100

55 77.8 59.0 88.4

98 46.9 37.0 55.4



#40

Benzene

Concen: 23.353 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013681.D

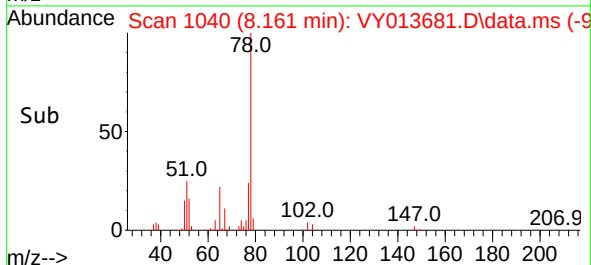
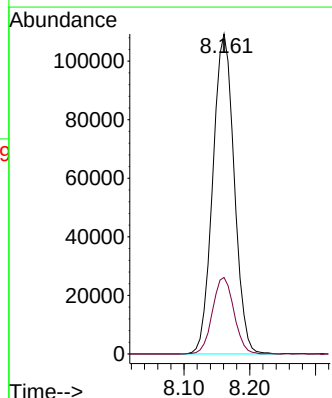
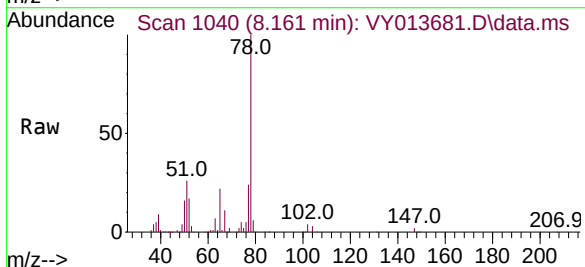
Acq: 10 May 2023 12:35

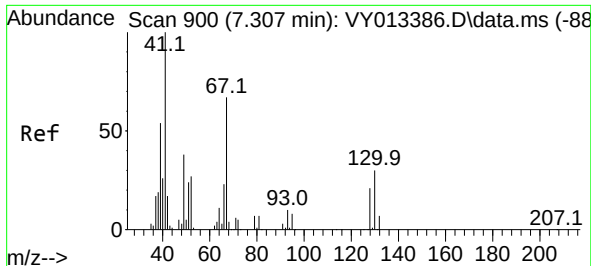
Tgt Ion: 78 Resp: 247566

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8

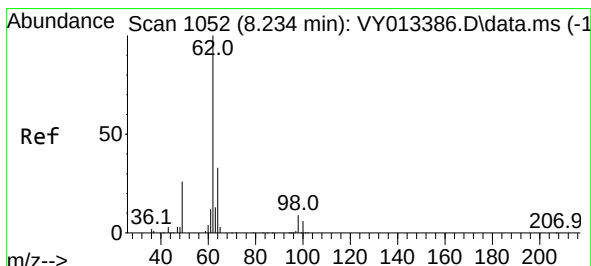
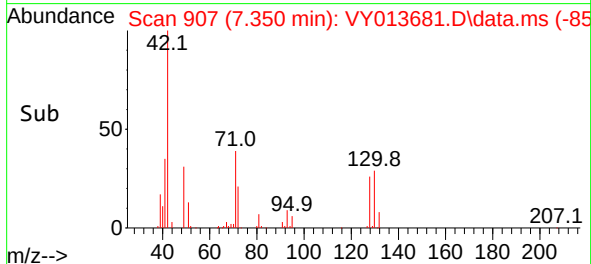
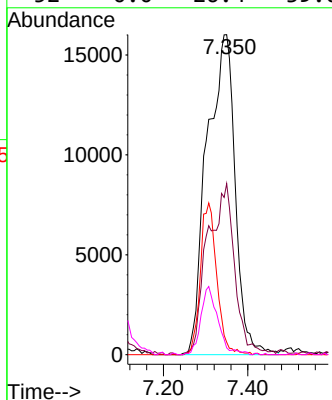
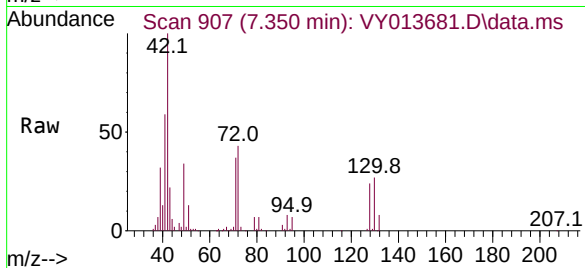




#41
Methacrylonitrile
Concen: 56.152 ug/l
RT: 7.350 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

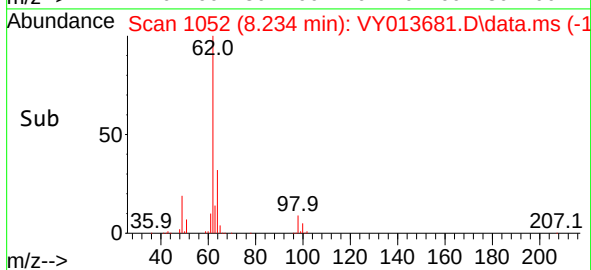
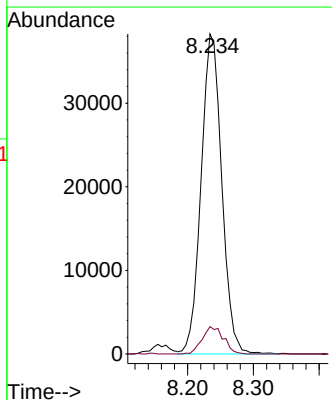
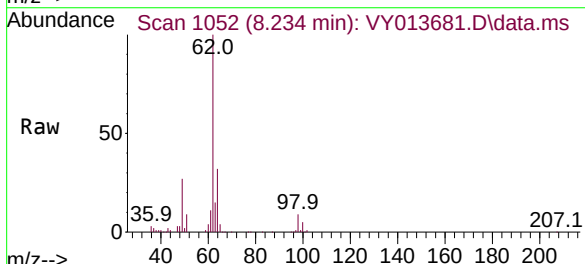
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

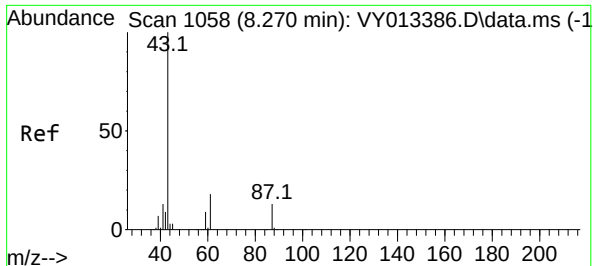
Tgt Ion:	41	Resp:	74105
Ion	Ratio	Lower	Upper
41	100		
39	29.2	44.2	66.4#
67	0.0	62.9	94.3#
52	0.0	26.4	39.6#



#42
1,2-Dichloroethane
Concen: 24.126 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion:	62	Resp:	83617
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

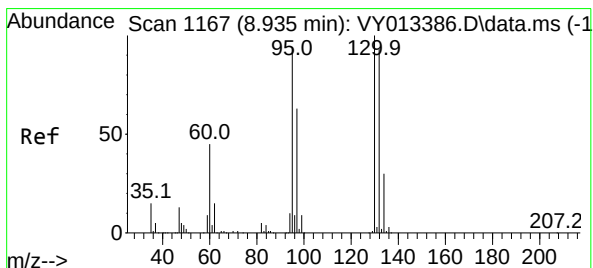
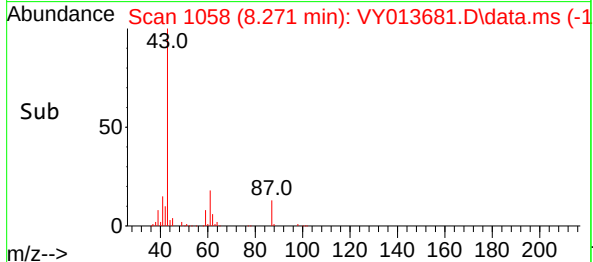
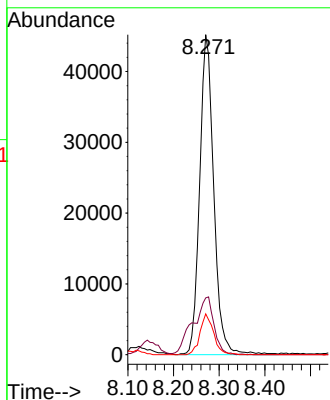
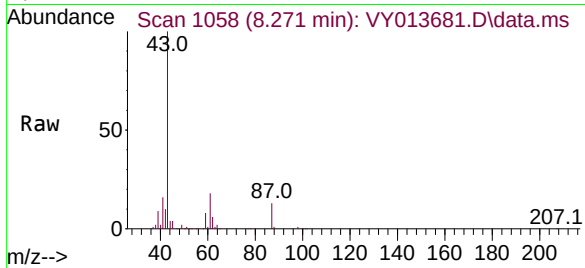




#43
Isopropyl Acetate
Concen: 20.328 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. 0.001 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

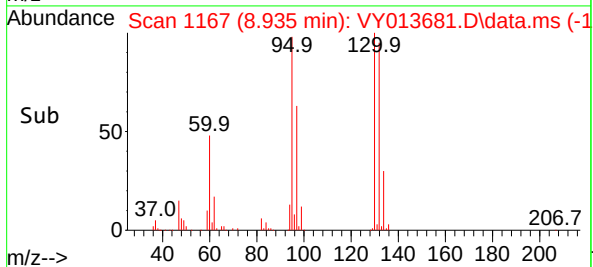
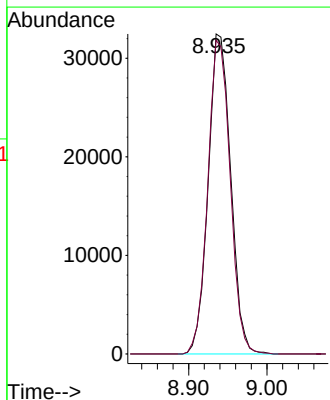
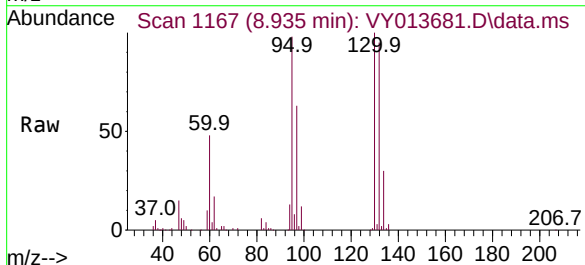
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

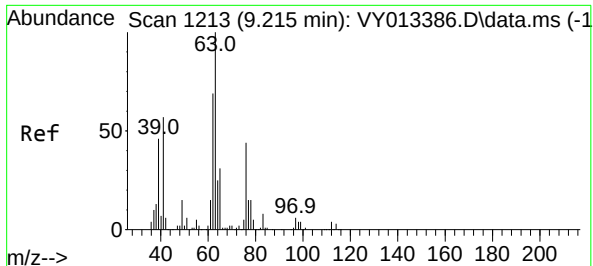
Tgt Ion: 43 Resp: 97171
Ion Ratio Lower Upper
43 100
61 26.7 22.2 33.4
87 12.3 11.0 16.6



#44
Trichloroethene
Concen: 22.996 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion:130 Resp: 64844
Ion Ratio Lower Upper
130 100
95 98.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 23.110 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

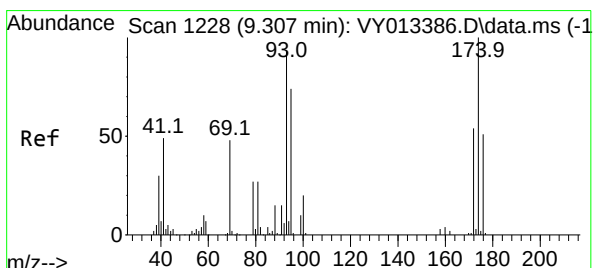
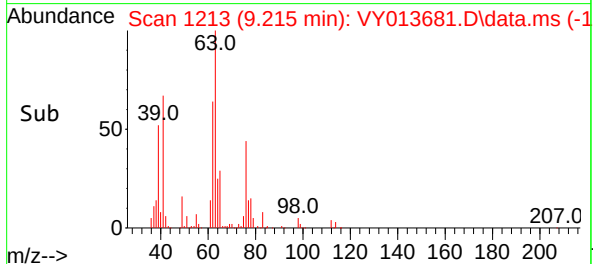
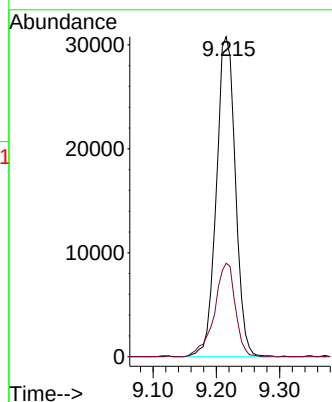
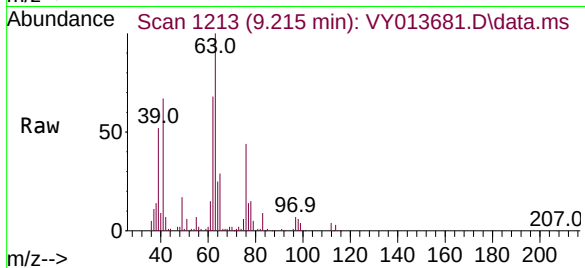
VY0510SBSD01

Tgt Ion: 63 Resp: 64055

Ion Ratio Lower Upper

63 100

65 29.2 24.6 37.0



#46

Dibromomethane

Concen: 22.151 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

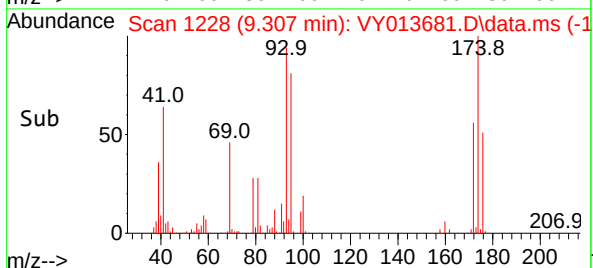
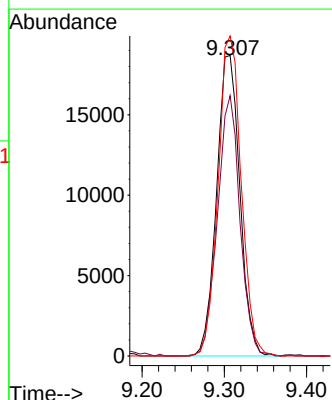
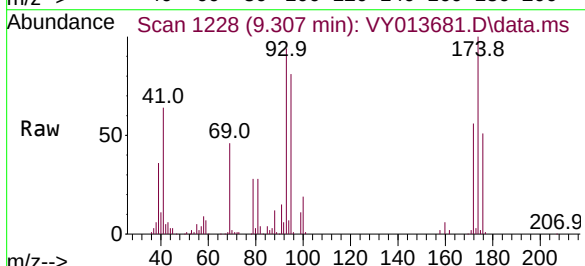
Tgt Ion: 93 Resp: 36737

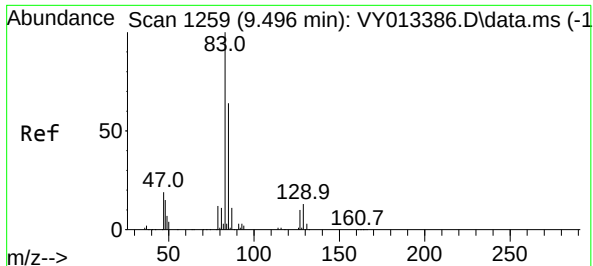
Ion Ratio Lower Upper

93 100

95 83.8 67.1 100.7

174 106.1 87.0 130.4





#47

Bromodichloromethane

Concen: 23.772 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBSD01

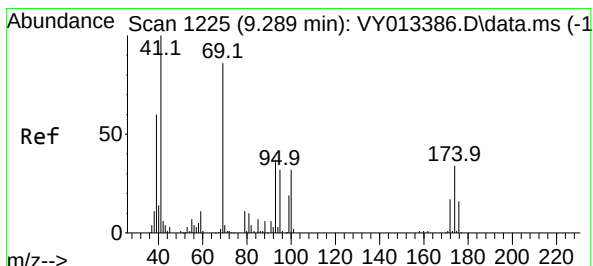
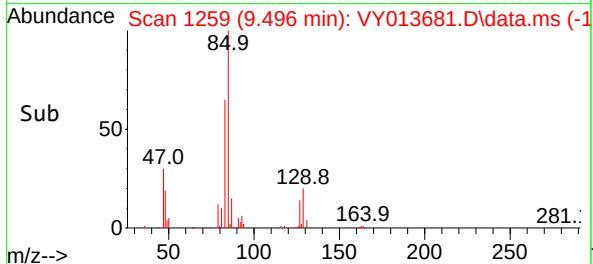
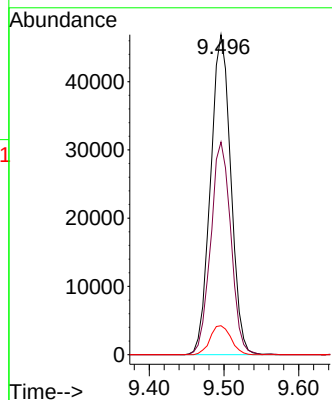
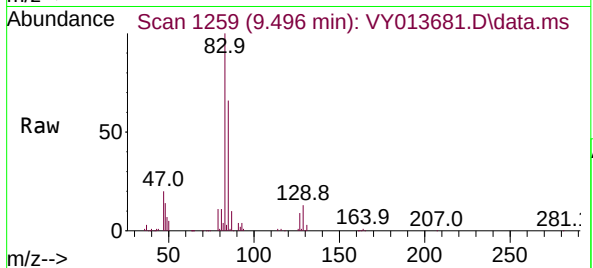
Tgt Ion: 83 Resp: 88217

Ion Ratio Lower Upper

83 100

85 66.5 51.4 77.2

127 9.0 8.1 12.1



#48

Methyl methacrylate

Concen: 20.546 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

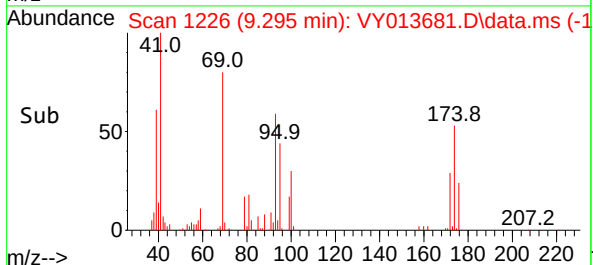
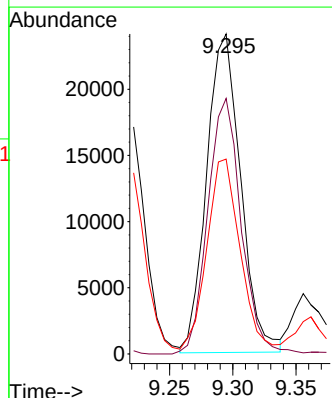
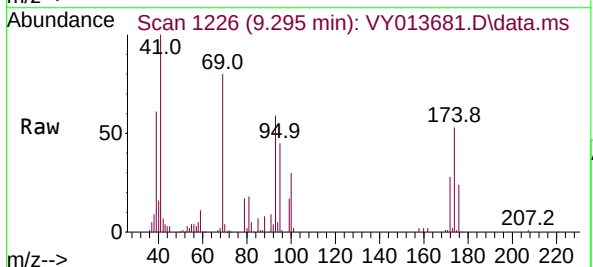
Tgt Ion: 41 Resp: 45107

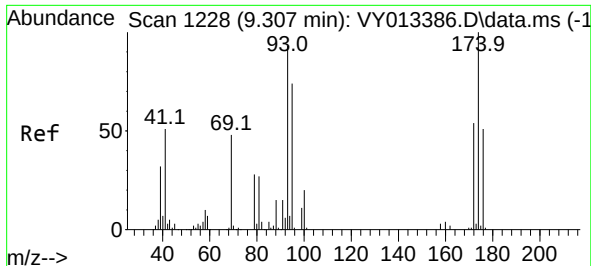
Ion Ratio Lower Upper

41 100

69 78.5 70.2 105.4

39 57.6 47.9 71.9





#49

1,4-Dioxane

Concen: 378.406 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBSD01

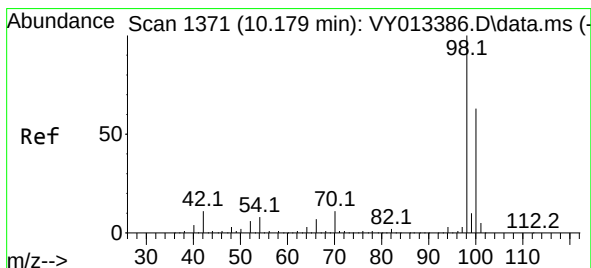
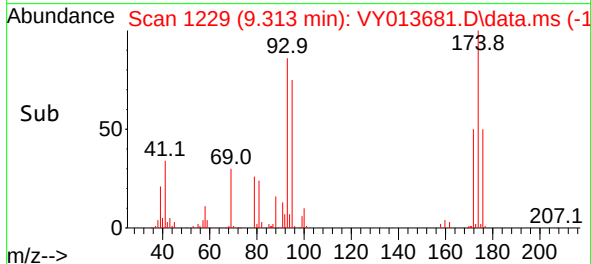
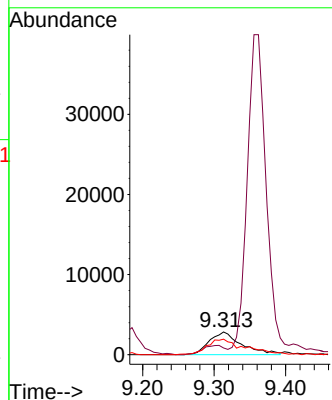
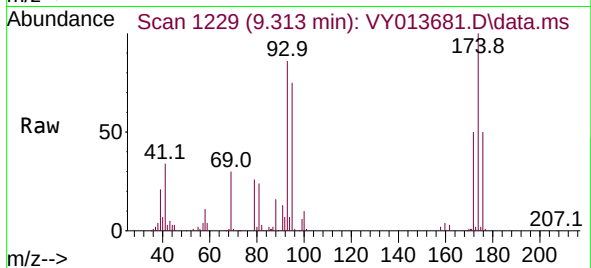
Tgt Ion: 88 Resp: 8963

Ion Ratio Lower Upper

88 100

43 28.6 16.8 25.2#

58 80.0 54.3 81.5



#50

Toluene-d8

Concen: 52.522 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013681.D

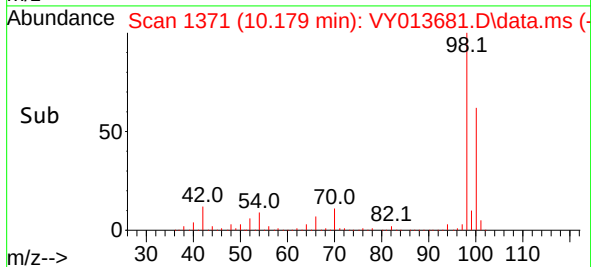
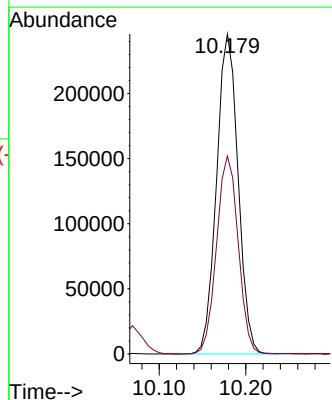
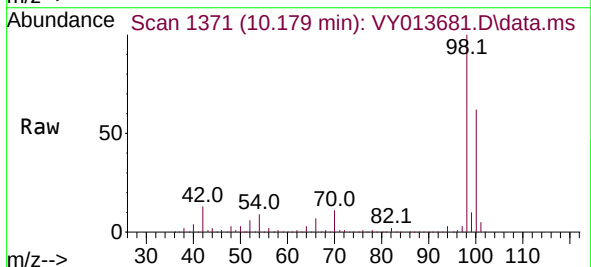
Acq: 10 May 2023 12:35

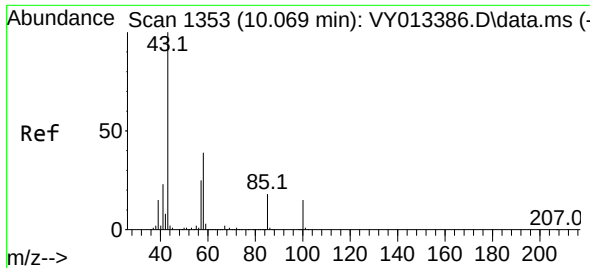
Tgt Ion: 98 Resp: 423681

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7

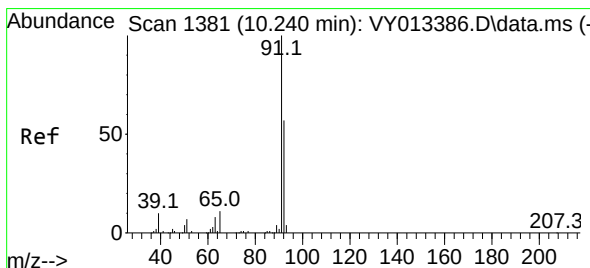
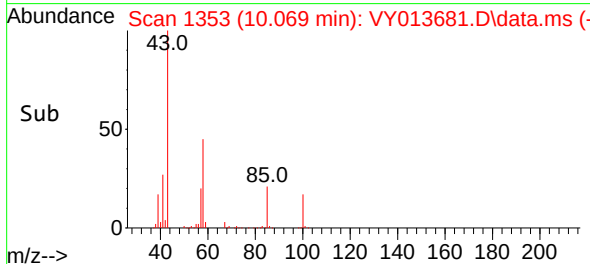
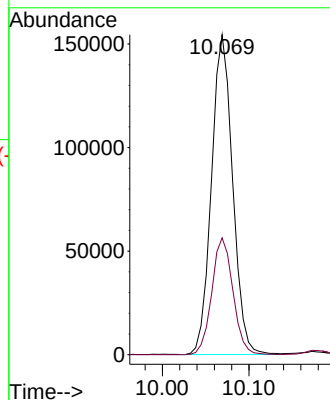
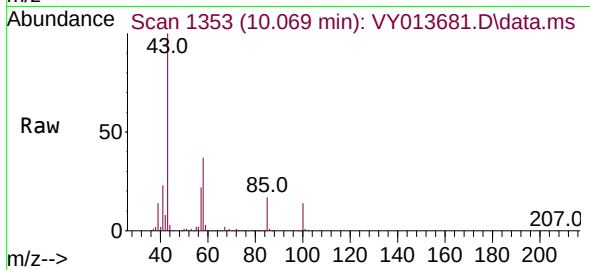




#51
4-Methyl-2-Pentanone
Concen: 98.361 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

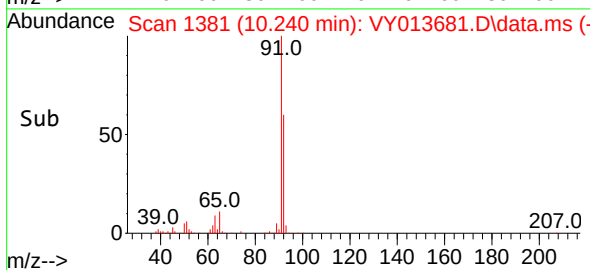
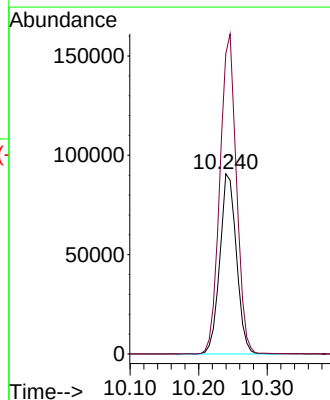
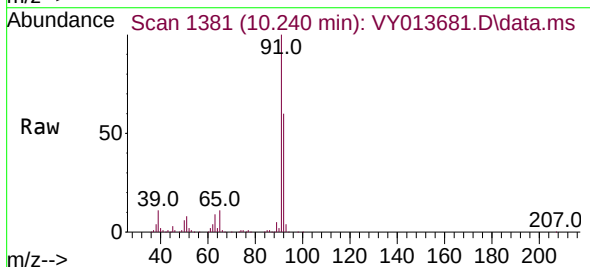
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

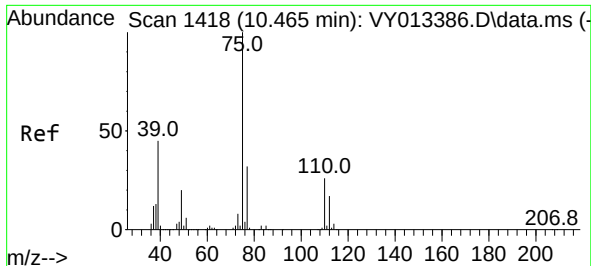
Tgt Ion: 43 Resp: 262009
Ion Ratio Lower Upper
43 100
58 36.5 30.6 46.0



#52
Toluene
Concen: 23.806 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 92 Resp: 151869
Ion Ratio Lower Upper
92 100
91 177.4 140.2 210.4

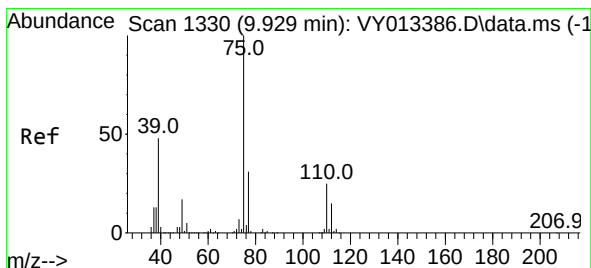
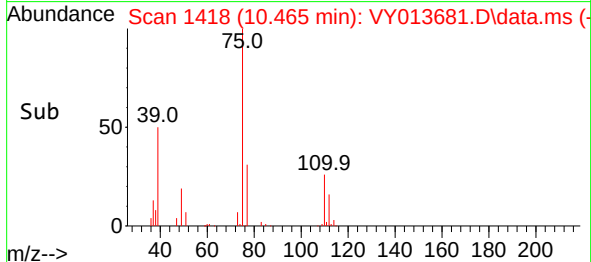
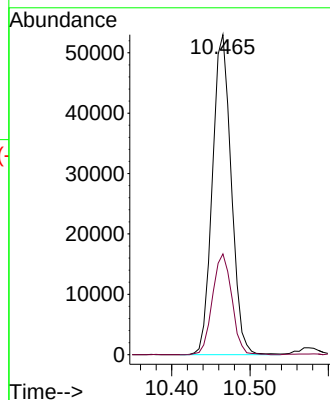
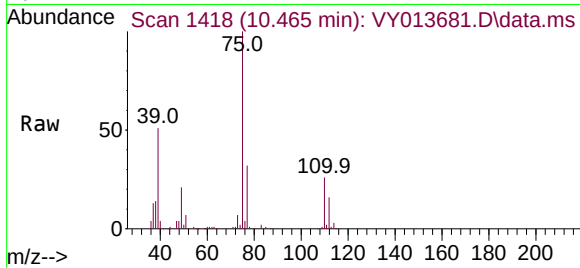




#53
t-1,3-Dichloropropene
Concen: 22.544 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

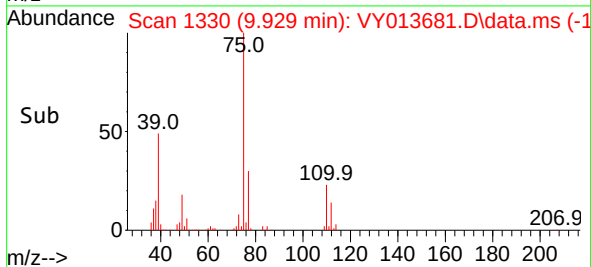
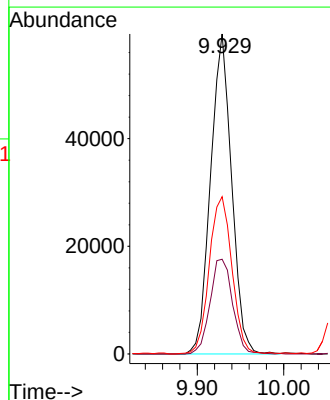
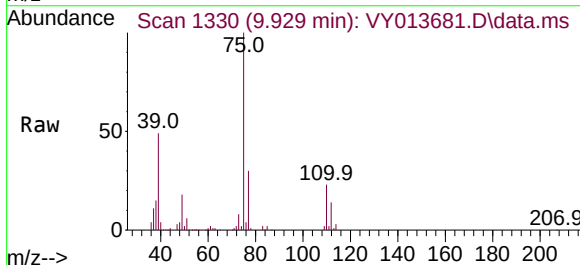
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

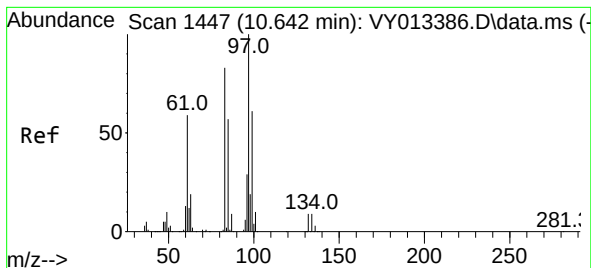
Tgt Ion: 75 Resp: 88541
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 22.694 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 75 Resp: 100295
Ion Ratio Lower Upper
75 100
77 29.6 24.8 37.2
39 49.0 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 23.040 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

Tgt Ion: 97 Resp: 50602

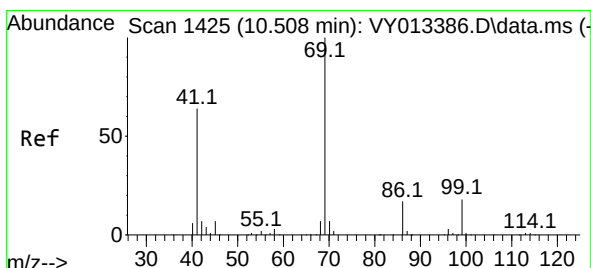
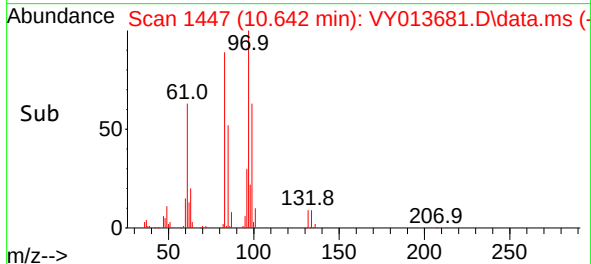
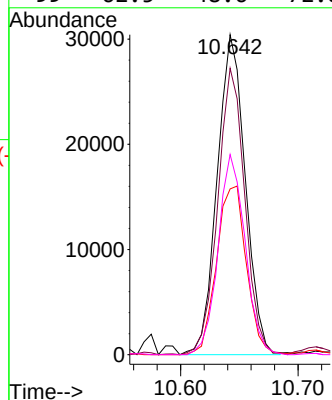
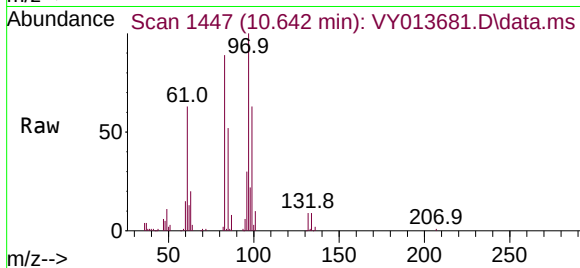
Ion Ratio Lower Upper

97 100

83 89.5 66.4 99.6

85 51.8 45.6 68.4

99 62.5 48.6 72.8



#56

Ethyl methacrylate

Concen: 21.258 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

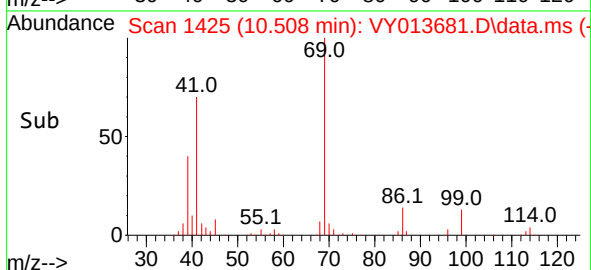
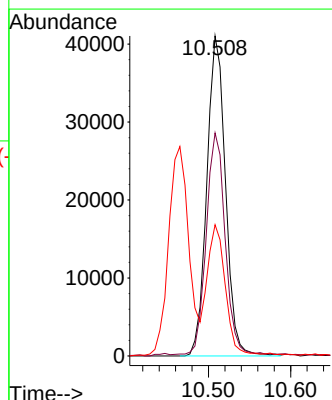
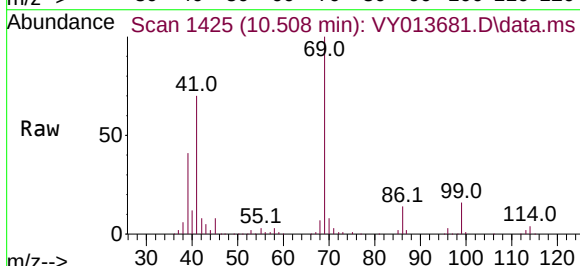
Tgt Ion: 69 Resp: 64774

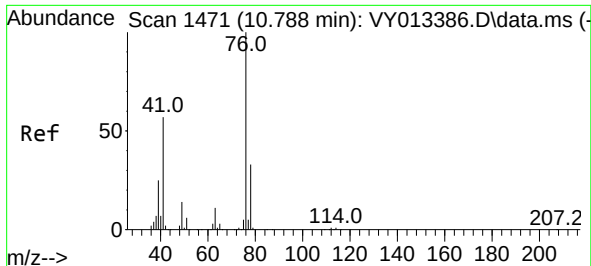
Ion Ratio Lower Upper

69 100

41 70.5 51.4 77.0

39 38.4 29.0 43.6





#57

1,3-Dichloropropane

Concen: 22.980 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

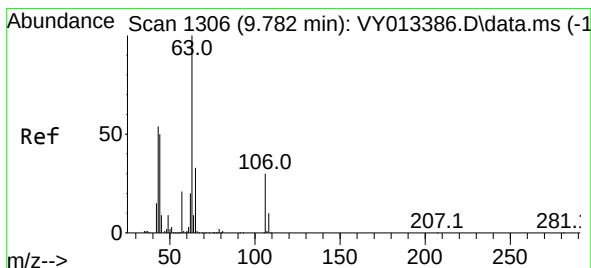
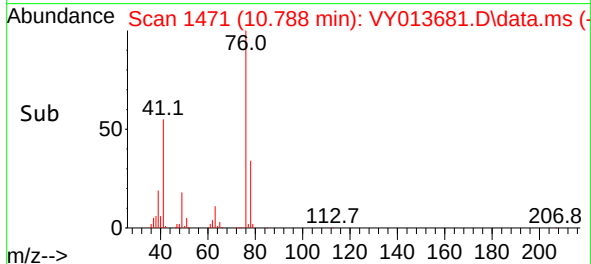
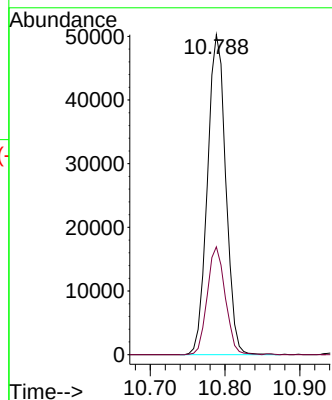
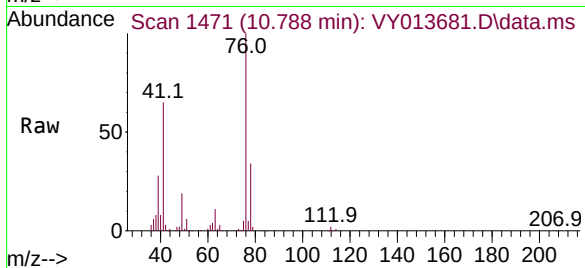
VY0510SBSD01

Tgt Ion: 76 Resp: 85478

Ion Ratio Lower Upper

76 100

78 33.1 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 109.803 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013681.D

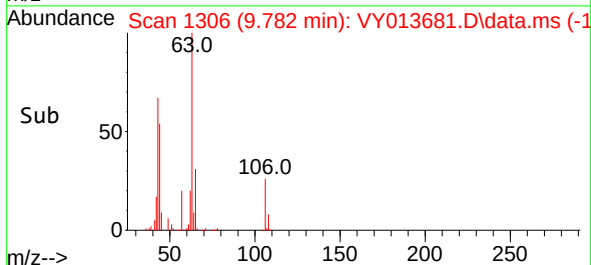
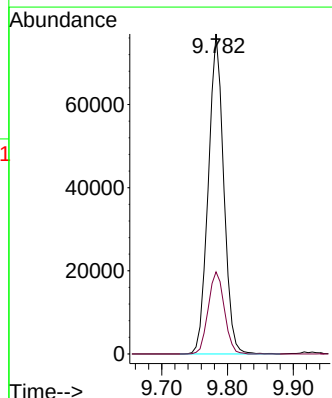
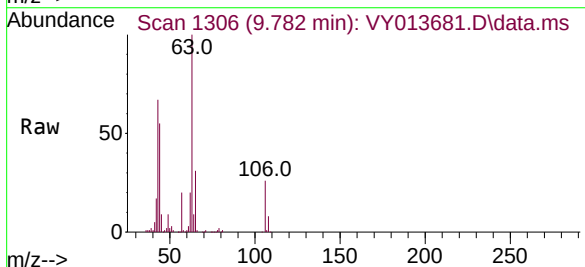
Acq: 10 May 2023 12:35

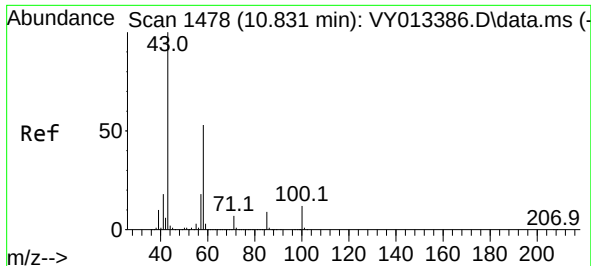
Tgt Ion: 63 Resp: 125458

Ion Ratio Lower Upper

63 100

106 26.8 23.5 35.3

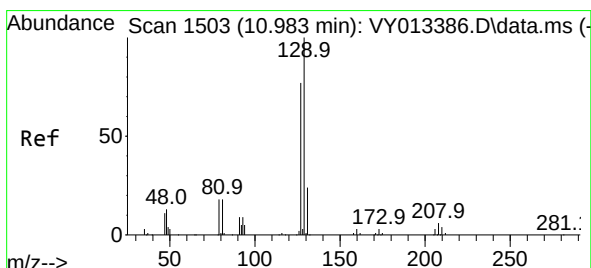
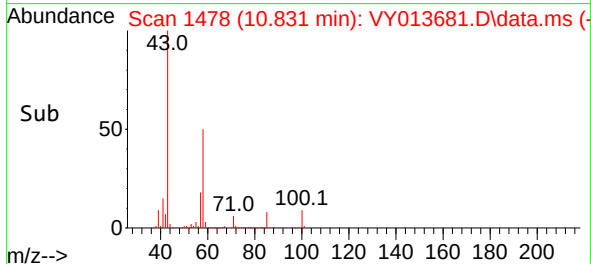
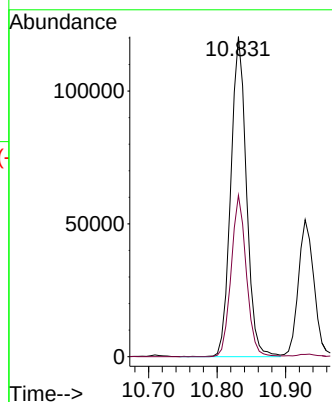
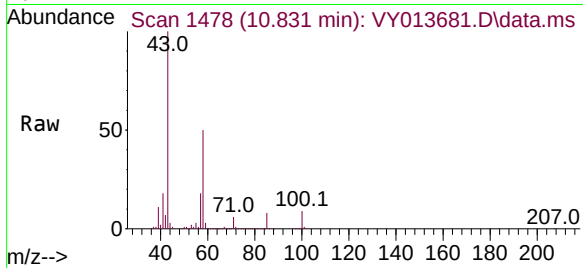




#59
2-Hexanone
Concen: 98.875 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

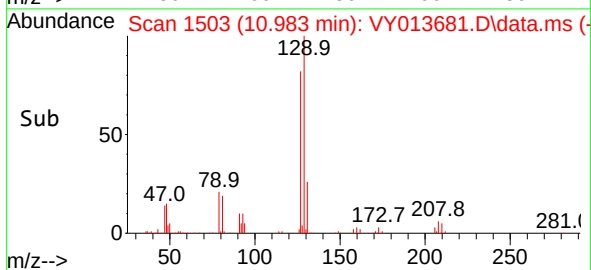
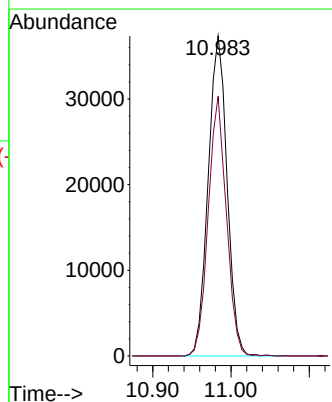
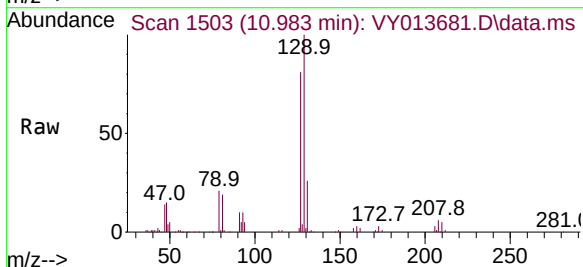
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

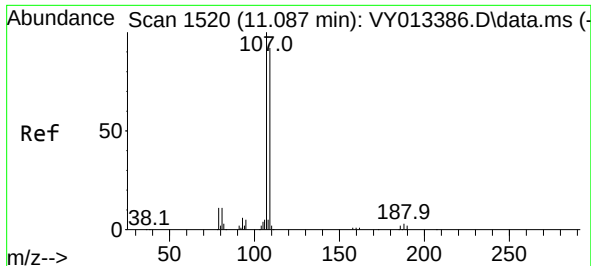
Tgt Ion: 43 Resp: 191454
Ion Ratio Lower Upper
43 100
58 49.0 26.3 78.8



#60
Dibromochloromethane
Concen: 23.426 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 129 Resp: 62473
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1

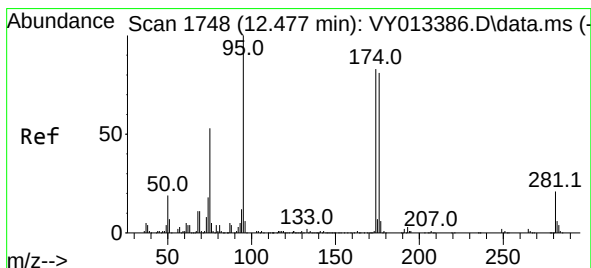
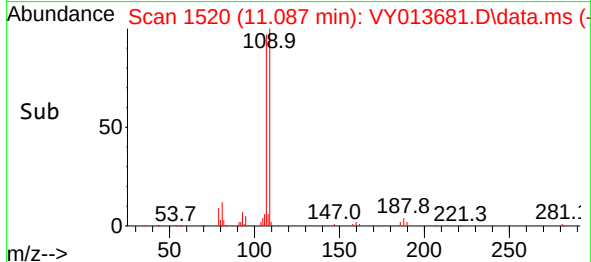
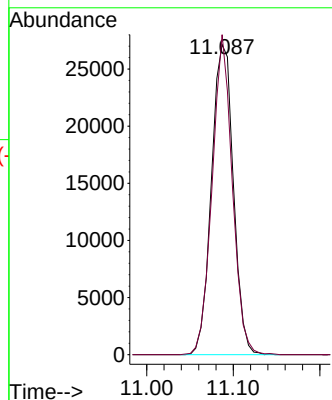
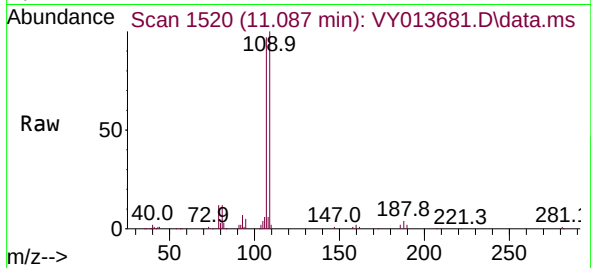




#61
1,2-Dibromoethane
Concen: 22.077 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

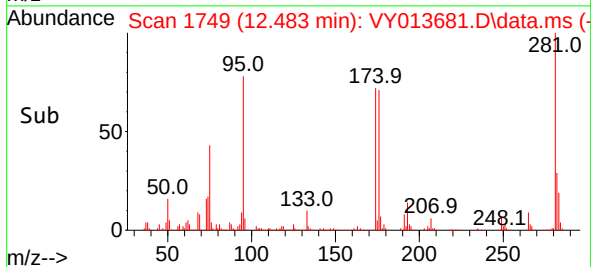
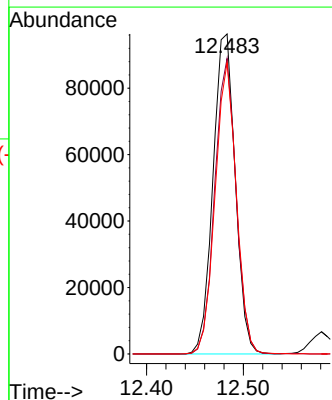
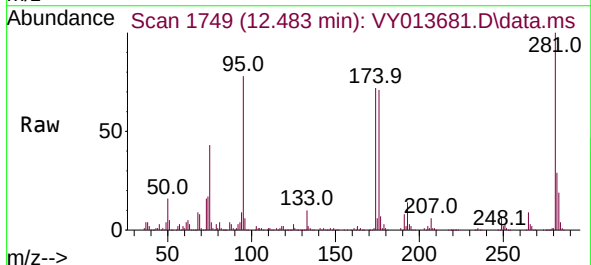
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

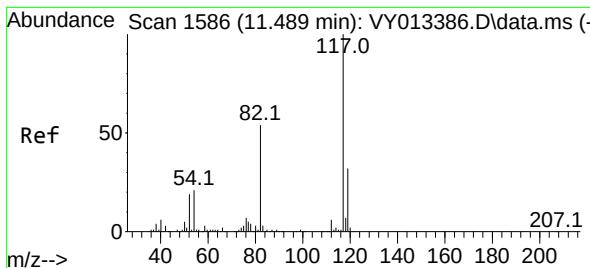
Tgt Ion:107 Resp: 47670
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.605 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 95 Resp: 153935
Ion Ratio Lower Upper
95 100
174 88.5 0.0 182.0
176 86.8 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

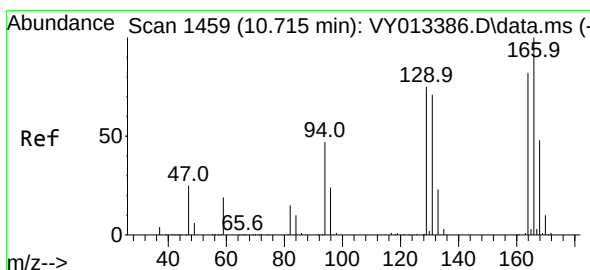
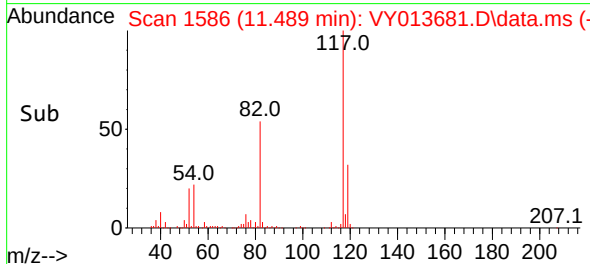
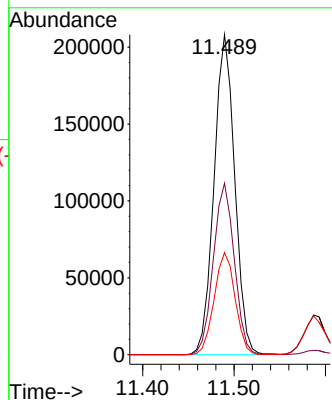
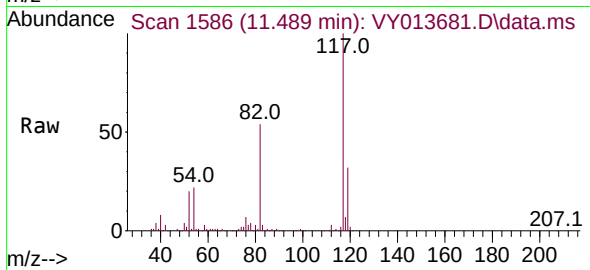
Tgt Ion:117 Resp: 327264

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.6

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 23.403 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Tgt Ion:164 Resp: 58240

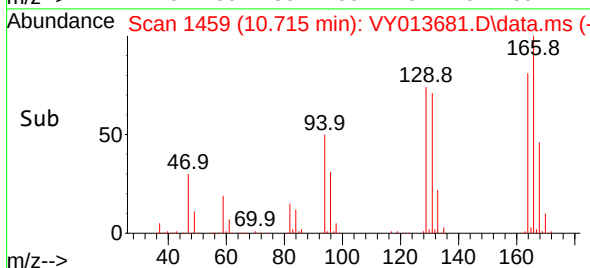
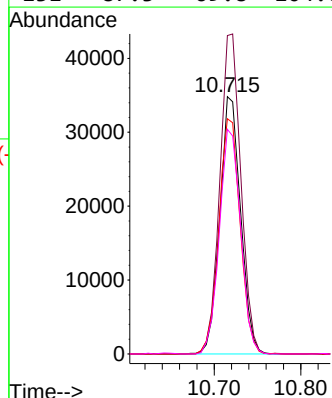
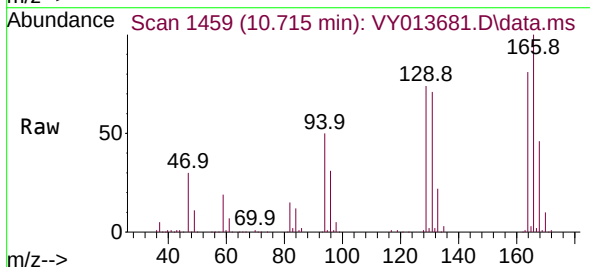
Ion Ratio Lower Upper

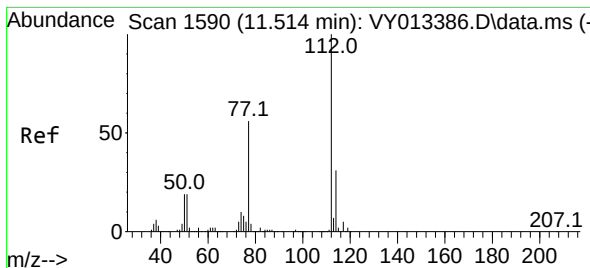
164 100

166 123.7 97.5 146.3

129 91.4 72.6 109.0

131 87.3 69.8 104.6





#65

Chlorobenzene

Concen: 22.796 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

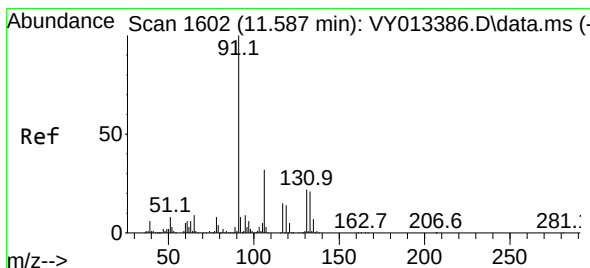
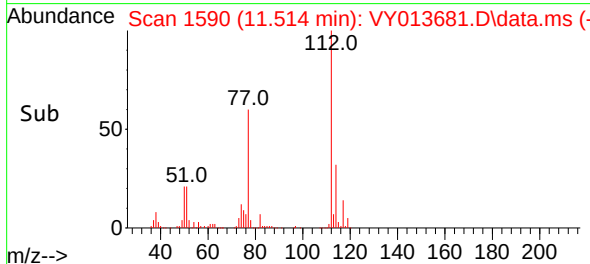
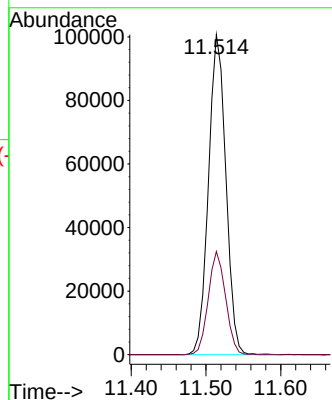
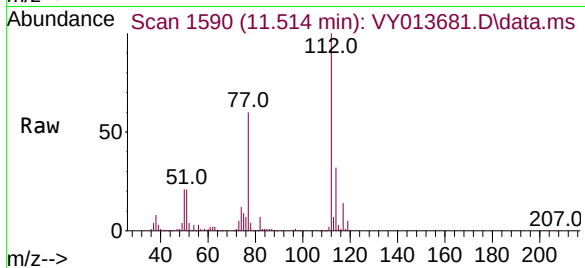
VY0510SBSD01

Tgt Ion:112 Resp: 162516

Ion Ratio Lower Upper

112 100

114 32.3 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 23.726 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

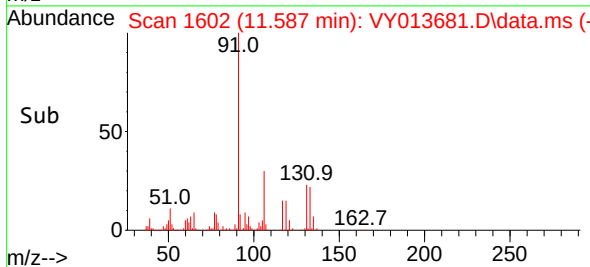
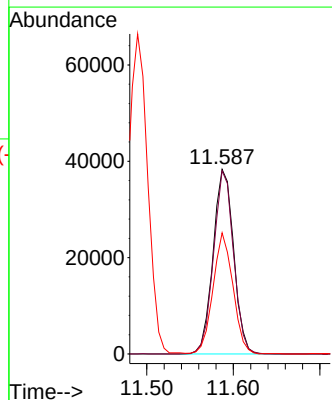
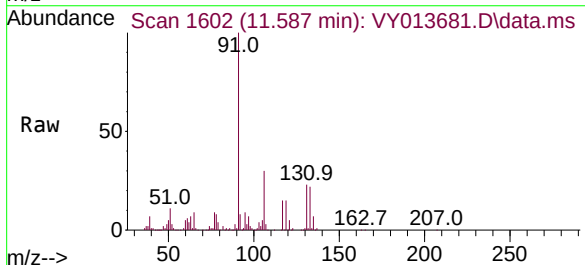
Tgt Ion:131 Resp: 63260

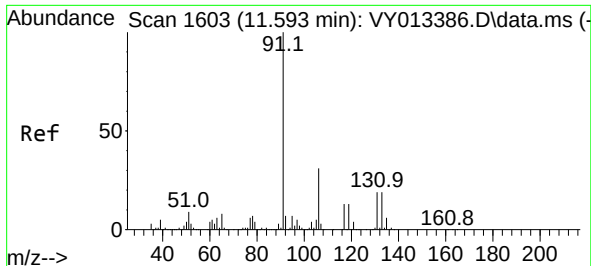
Ion Ratio Lower Upper

131 100

133 96.3 47.7 143.1

119 63.1 32.6 98.0





#67

Ethyl Benzene

Concen: 23.074 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

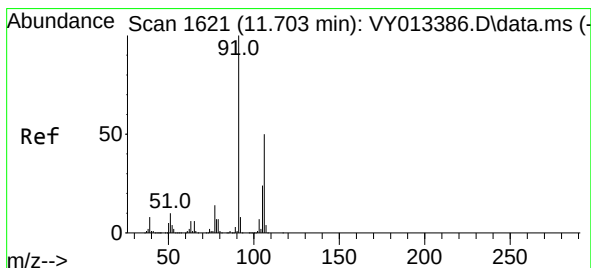
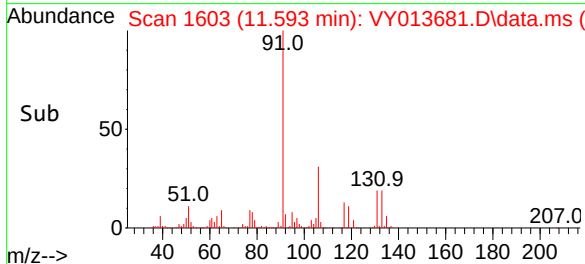
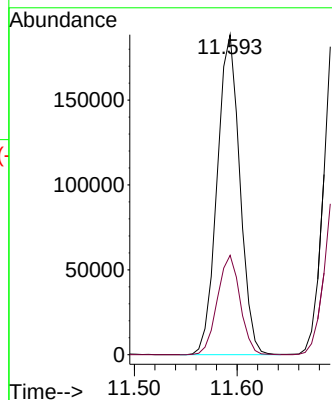
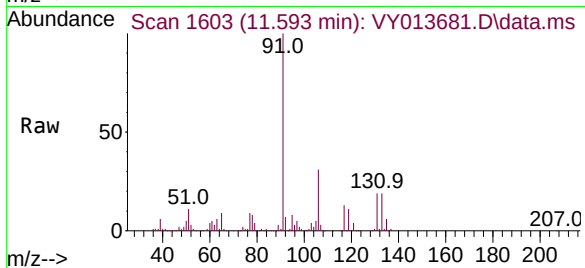
VY0510SBSD01

Tgt Ion: 91 Resp: 288849

Ion Ratio Lower Upper

91 100

106 31.0 25.1 37.7



#68

m/p-Xylenes

Concen: 47.153 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013681.D

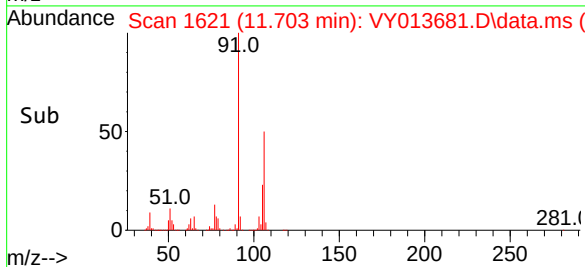
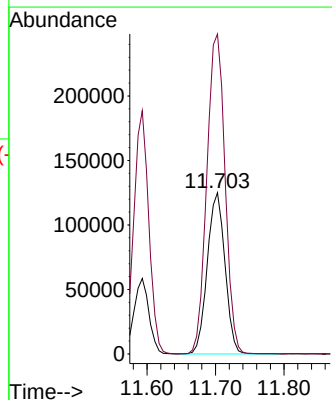
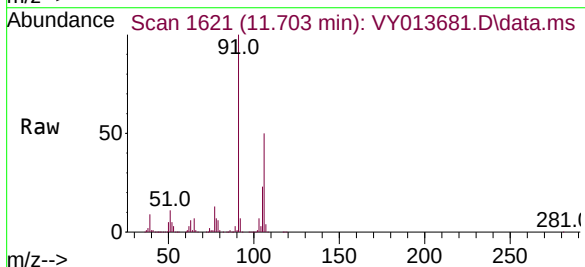
Acq: 10 May 2023 12:35

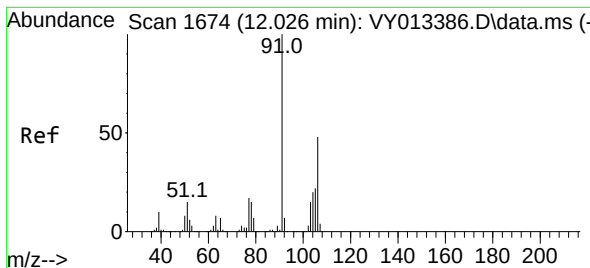
Tgt Ion:106 Resp: 224400

Ion Ratio Lower Upper

106 100

91 204.1 160.9 241.3





#69

o-Xylene

Concen: 23.600 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

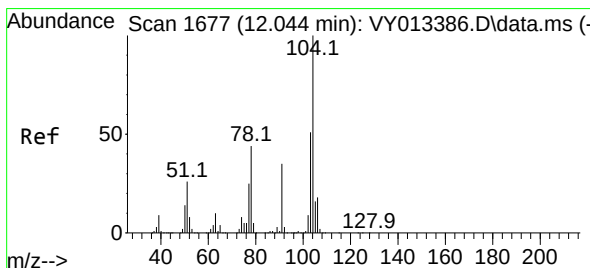
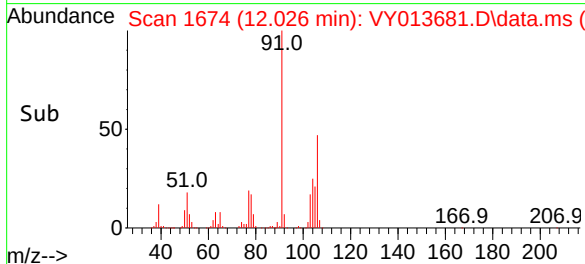
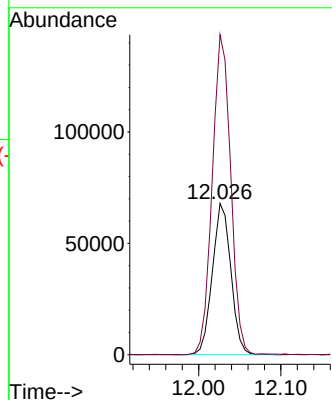
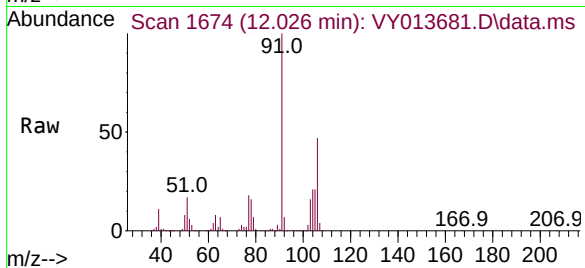
VY0510SBSD01

Tgt Ion:106 Resp: 106218

Ion Ratio Lower Upper

106 100

91 210.9 105.5 316.4



#70

Styrene

Concen: 23.325 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

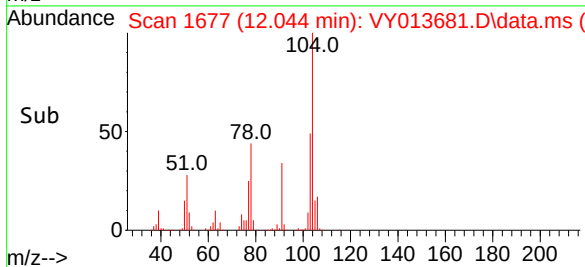
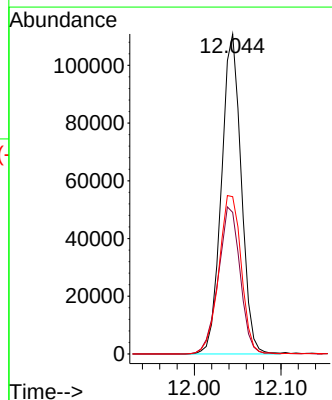
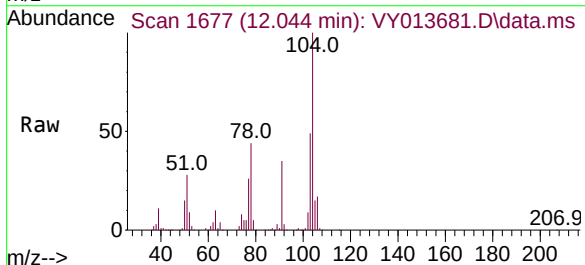
Tgt Ion:104 Resp: 175531

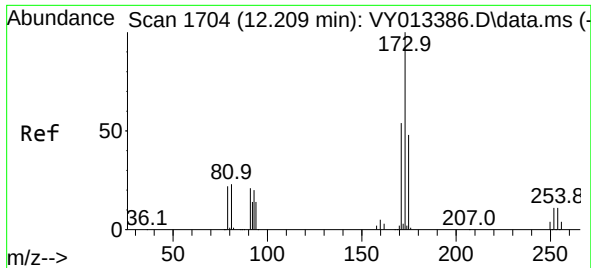
Ion Ratio Lower Upper

104 100

78 50.9 40.3 60.5

103 56.4 45.0 67.4

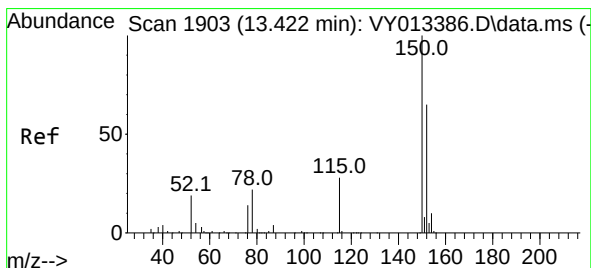
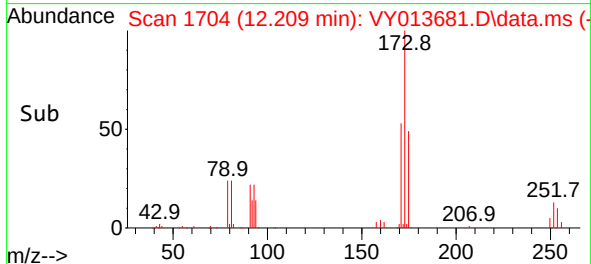
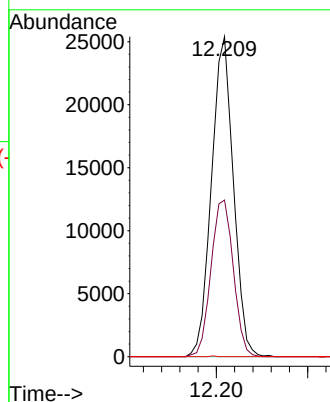
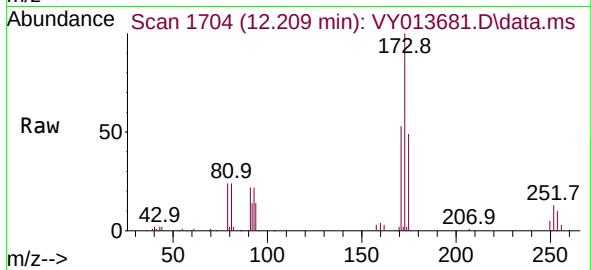




#71
Bromoform
Concen: 22.620 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

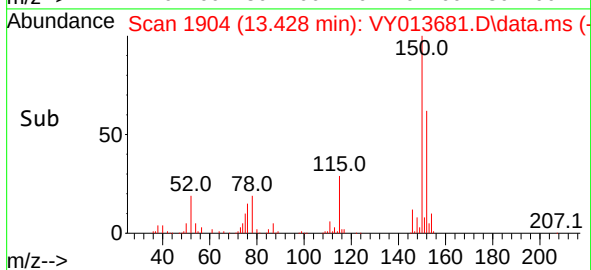
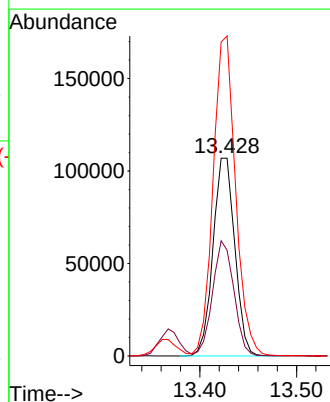
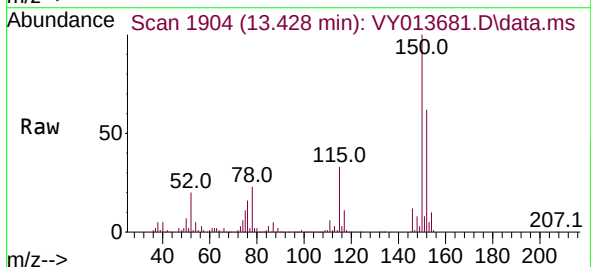
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

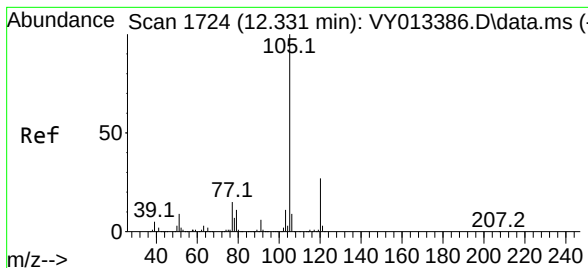
Tgt Ion:173 Resp: 42245
Ion Ratio Lower Upper
173 100
175 49.9 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion:152 Resp: 167562
Ion Ratio Lower Upper
152 100
115 57.1 28.1 84.2
150 166.5 0.0 352.0





#73

Isopropylbenzene

Concen: 21.961 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

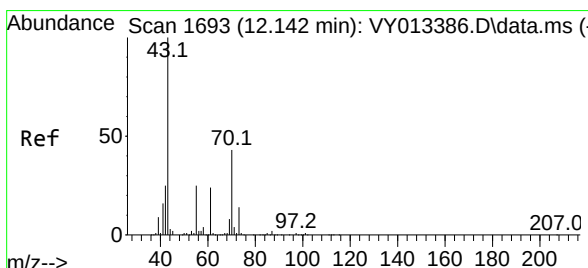
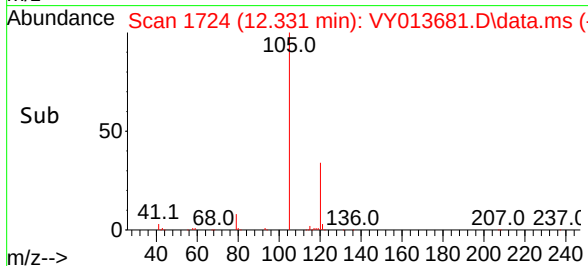
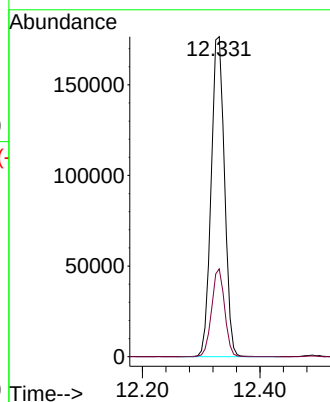
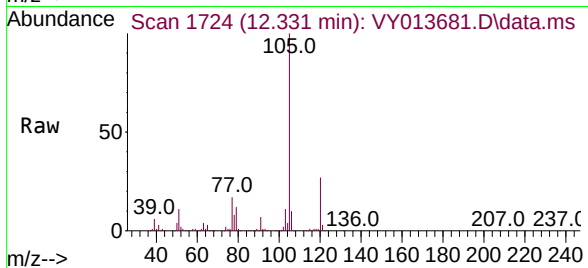
VY0510SBS01

Tgt Ion:105 Resp: 278334

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.0



#74

N-ethyl acetate

Concen: 18.303 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Tgt Ion: 43 Resp: 82549

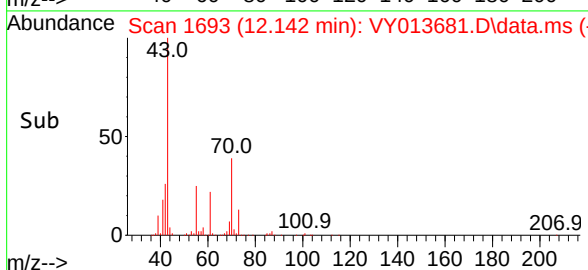
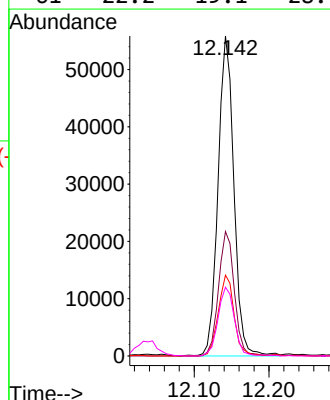
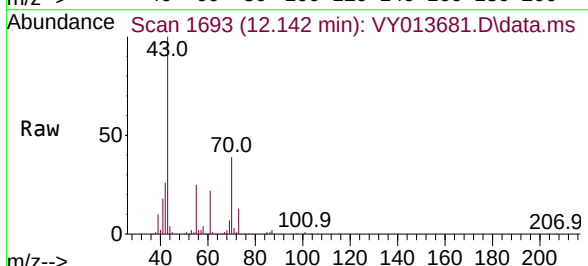
Ion Ratio Lower Upper

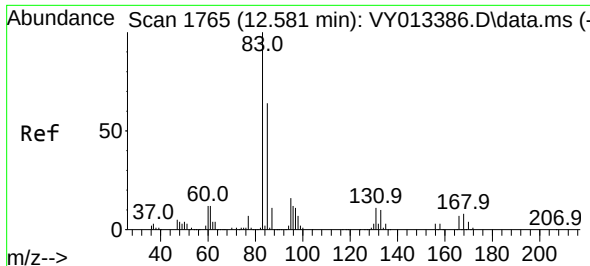
43 100

70 38.7 33.0 49.4

55 25.2 19.8 29.6

61 22.2 19.1 28.7

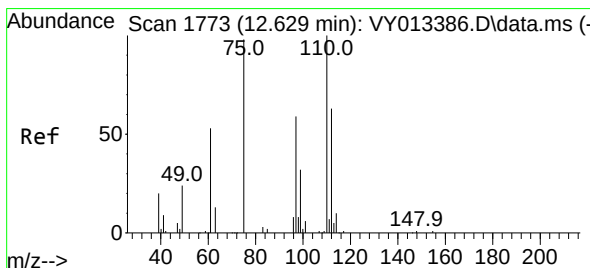
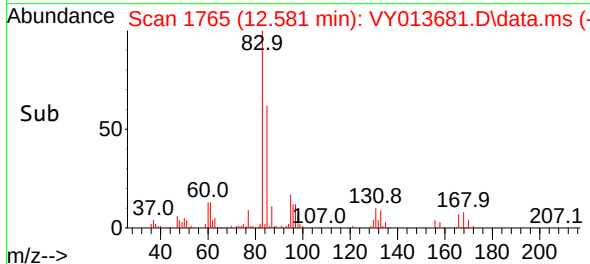
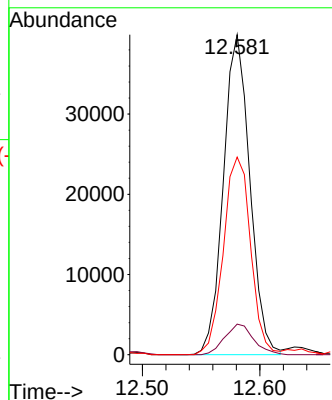
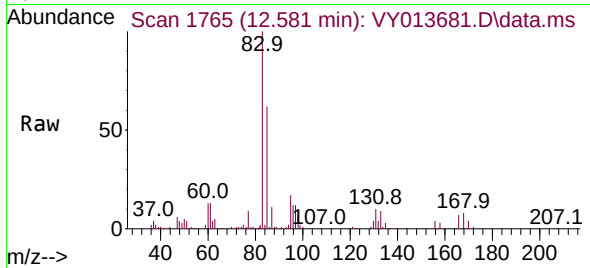




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.130 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013681.D
 Acq: 10 May 2023 12:35

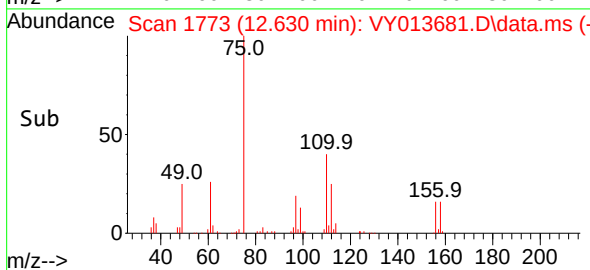
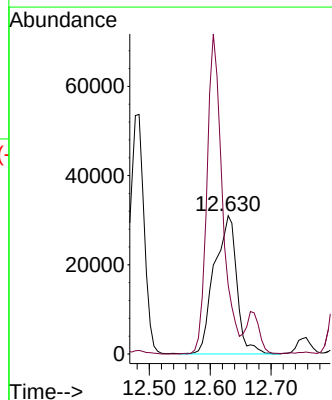
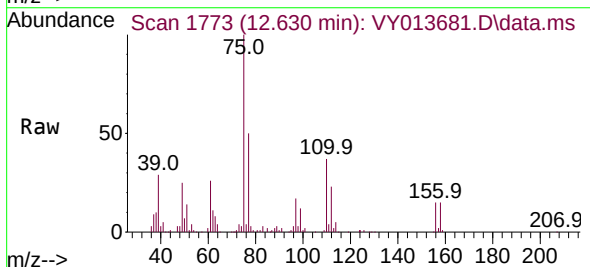
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBSD01

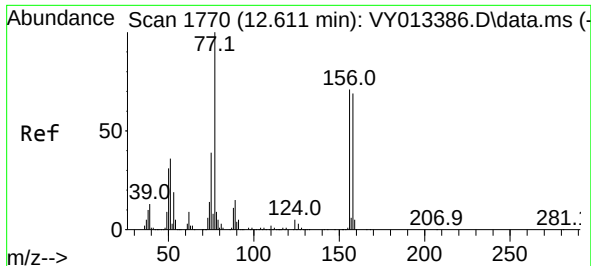
Tgt Ion: 83 Resp: 62359
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.7 17.0
 85 63.5 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 35.292 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.001 min
 Lab File: VY013681.D
 Acq: 10 May 2023 12:35

Tgt Ion: 75 Resp: 79753
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

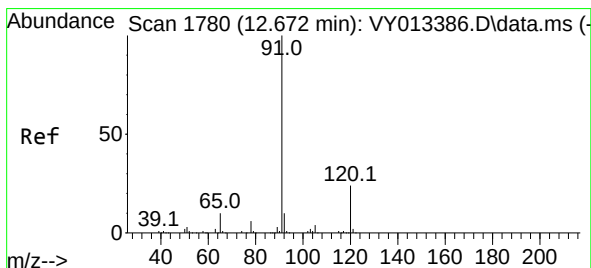
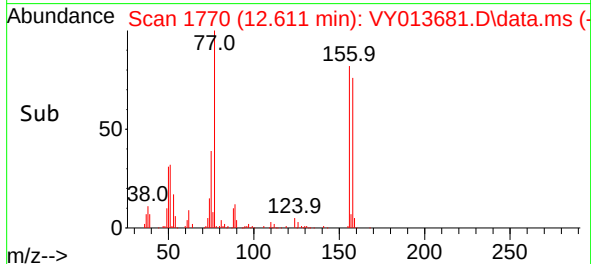
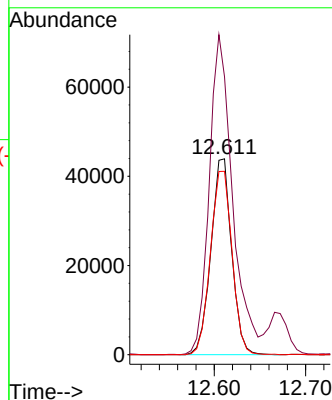
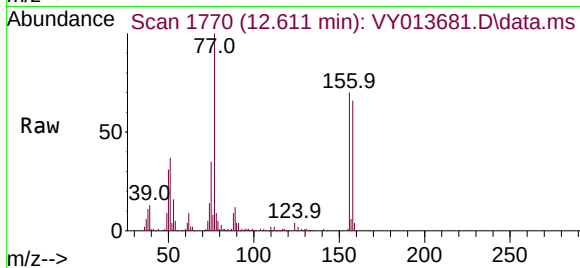




#77
Bromobenzene
Concen: 22.501 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

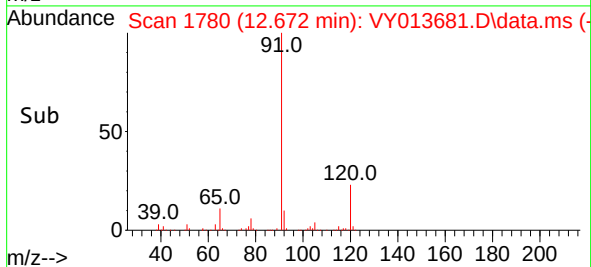
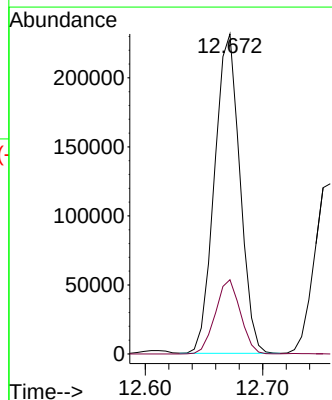
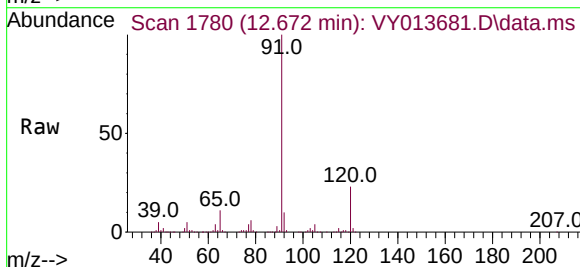
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

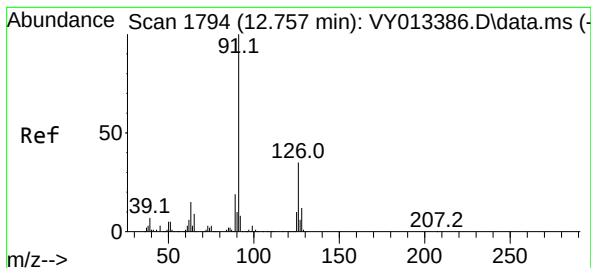
Tgt Ion:156 Resp: 69098
Ion Ratio Lower Upper
156 100
77 183.0 87.6 262.9
158 97.8 48.5 145.5



#78
n-propylbenzene
Concen: 22.263 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 91 Resp: 347538
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9

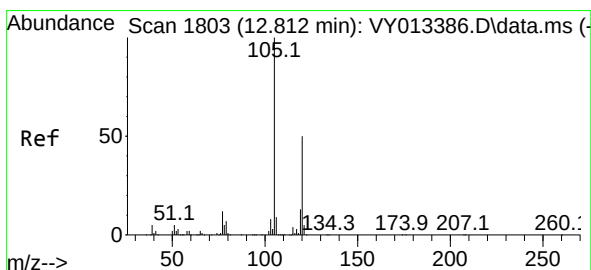
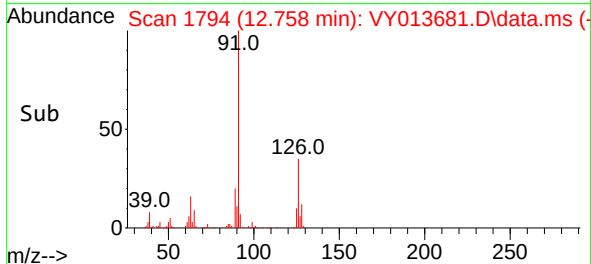
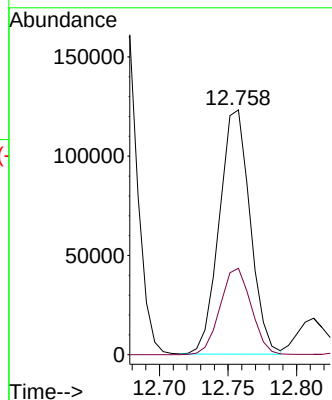
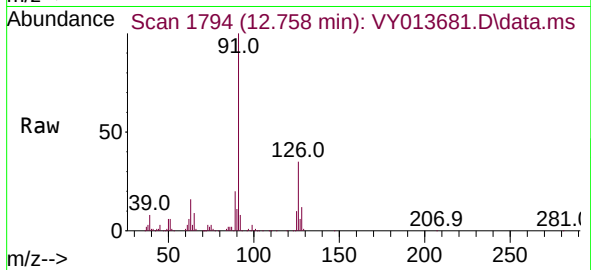




#79
2-Chlorotoluene
Concen: 22.130 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

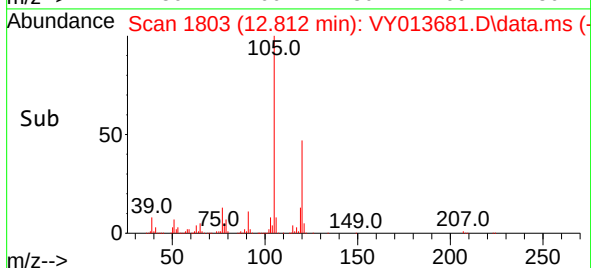
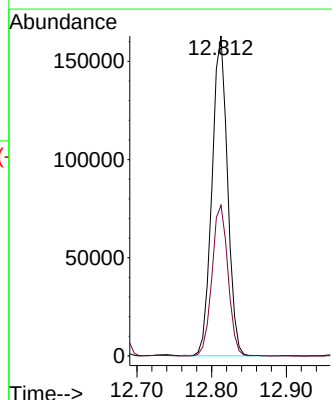
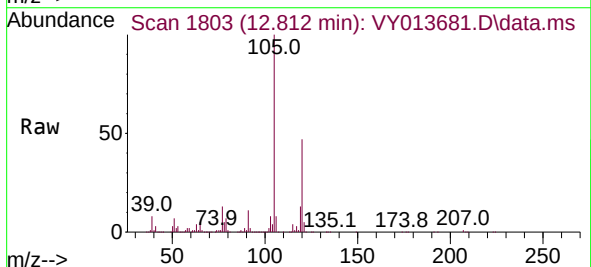
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

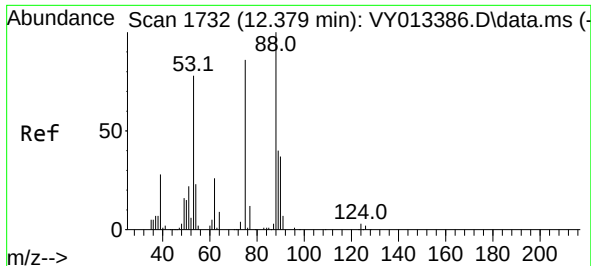
Tgt Ion: 91 Resp: 192921
Ion Ratio Lower Upper
91 100
126 35.7 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 22.728 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 105 Resp: 235106
Ion Ratio Lower Upper
105 100
120 48.5 24.7 74.1

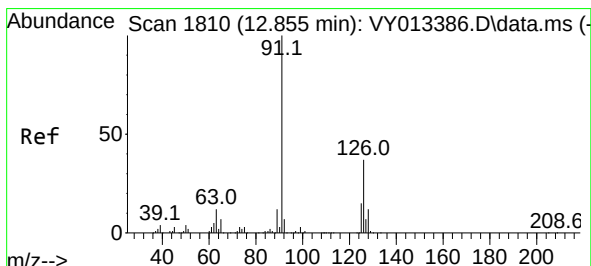
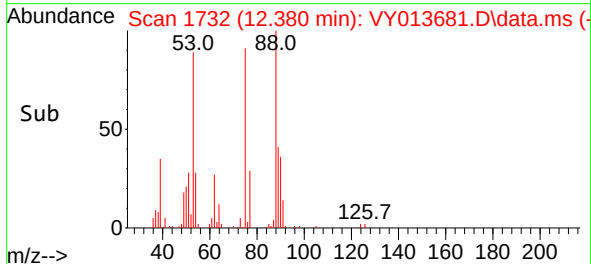
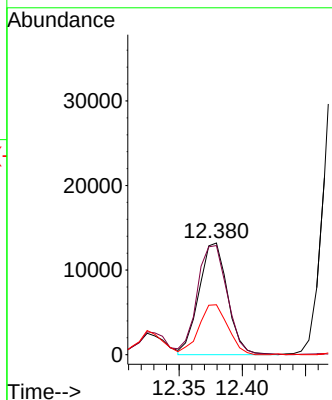
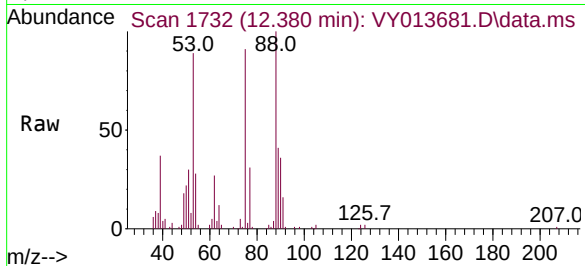




#81
trans-1,4-Dichloro-2-butene
Concen: 18.816 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

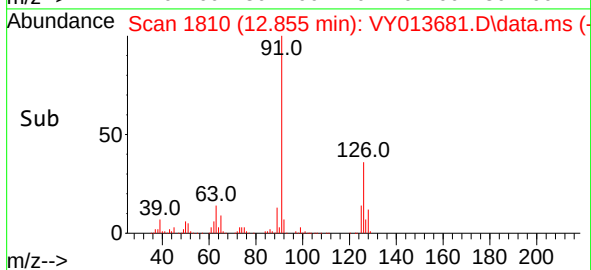
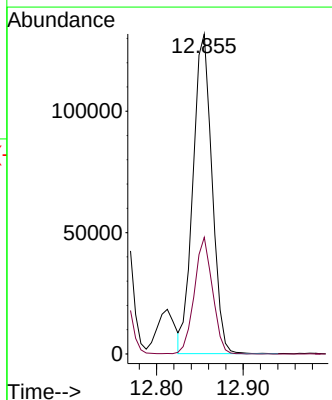
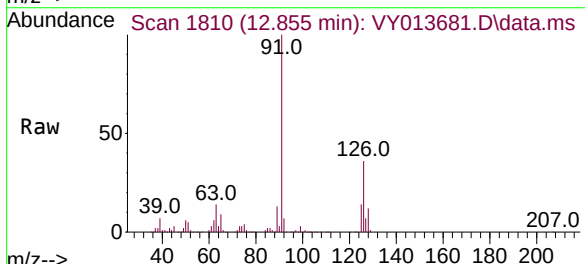
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

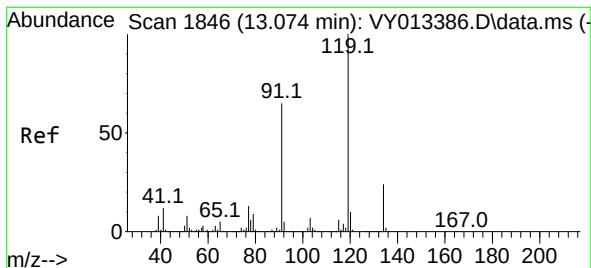
Tgt Ion: 75 Resp: 20786
Ion Ratio Lower Upper
75 100
53 102.6 73.2 109.8
89 45.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 22.089 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 91 Resp: 200704
Ion Ratio Lower Upper
91 100
126 34.9 17.9 53.8





#83

tert-Butylbenzene

Concen: 22.567 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBSD01

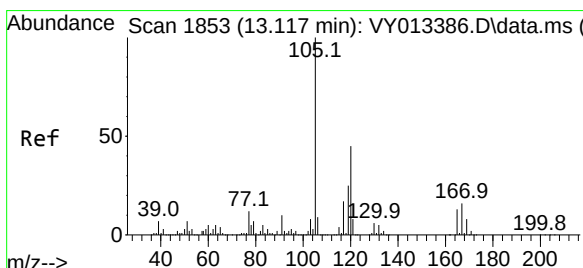
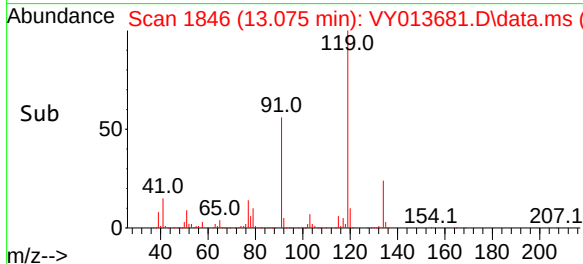
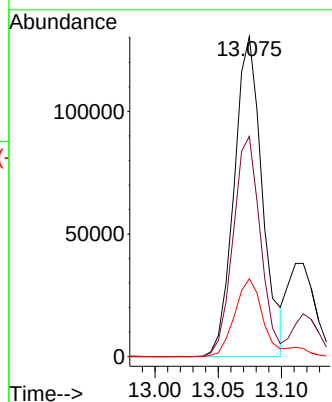
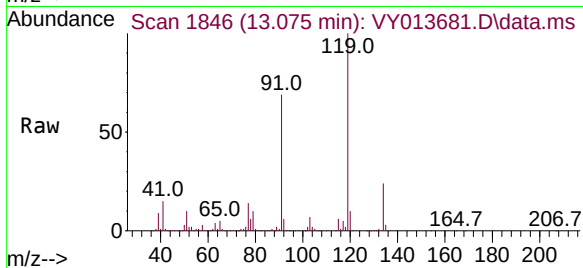
Tgt Ion:119 Resp: 202243

Ion Ratio Lower Upper

119 100

91 66.9 32.2 96.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.970 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013681.D

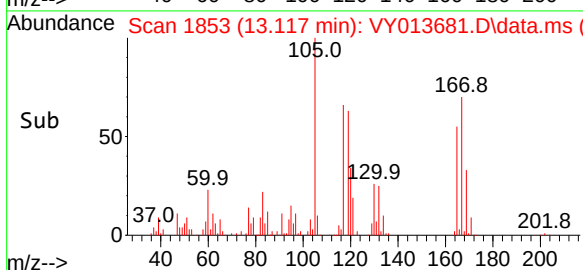
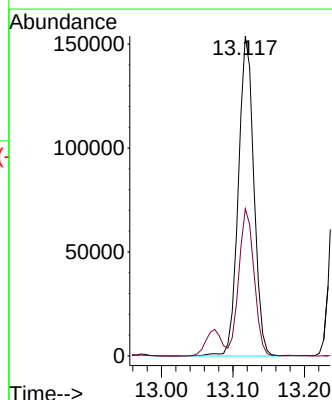
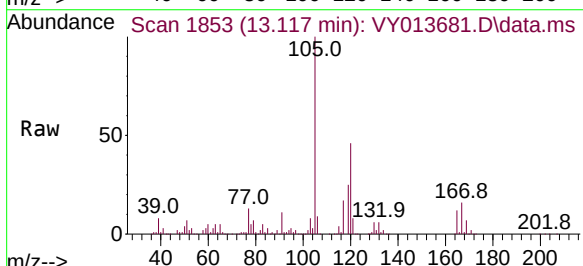
Acq: 10 May 2023 12:35

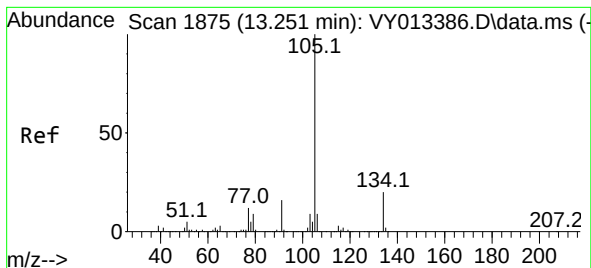
Tgt Ion:105 Resp: 231008

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.641 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

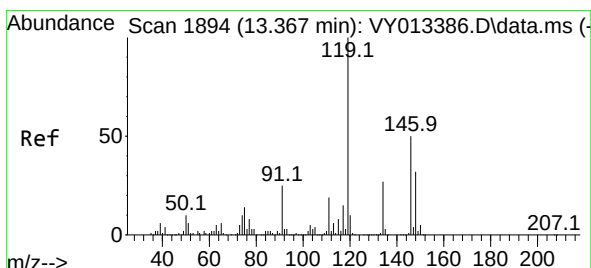
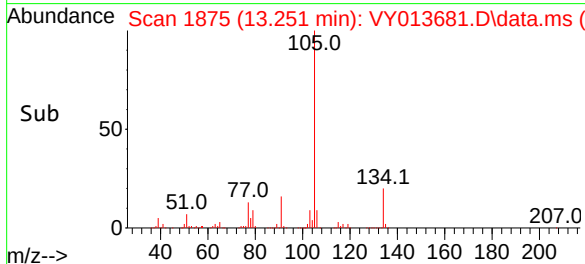
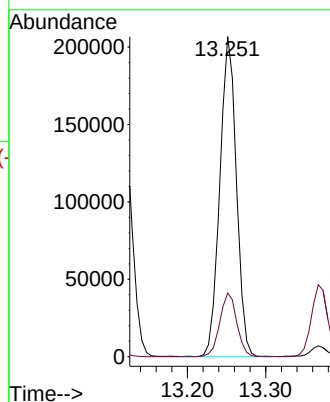
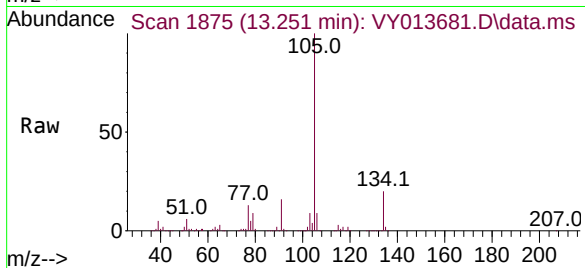
VY0510SBSD01

Tgt Ion:105 Resp: 304522

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.9



#86

p-Isopropyltoluene

Concen: 23.125 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

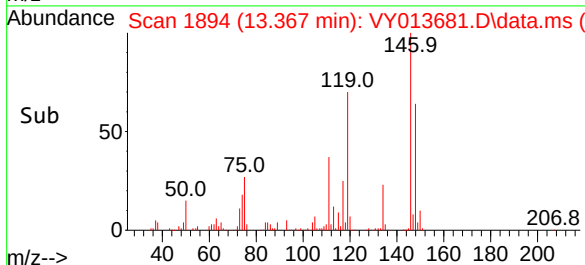
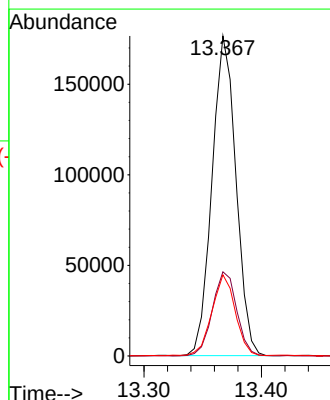
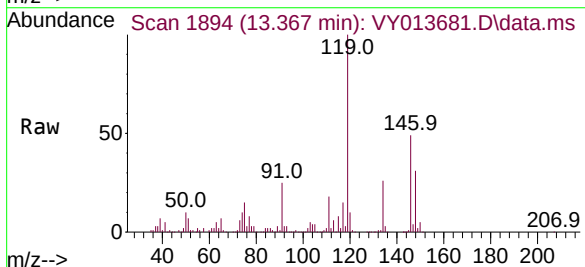
Tgt Ion:119 Resp: 250132

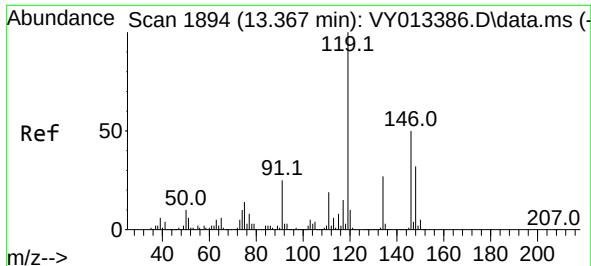
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 24.9 12.1 36.3

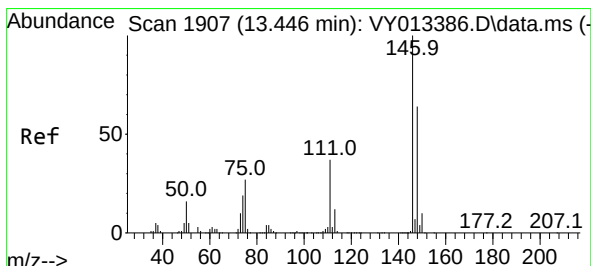
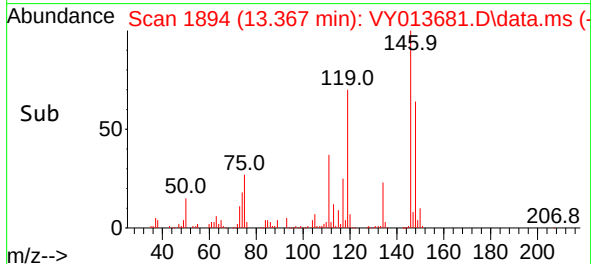
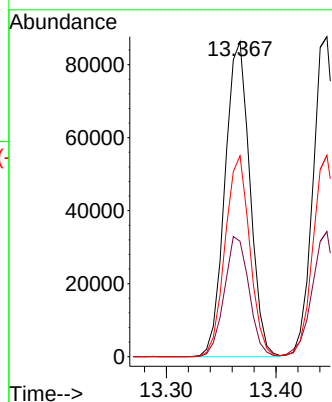
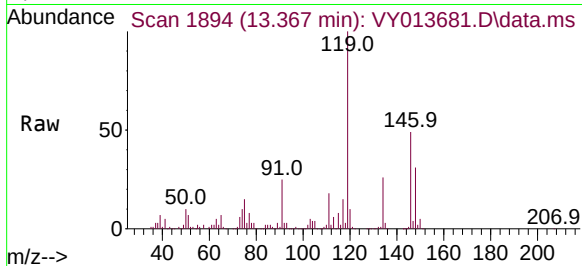




#87
1,3-Dichlorobenzene
Concen: 23.284 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

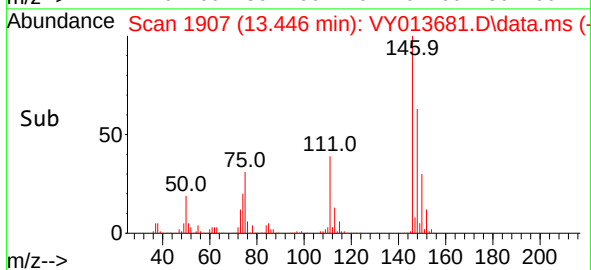
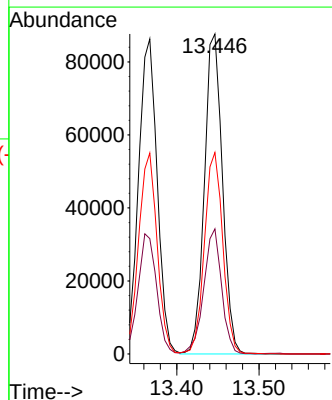
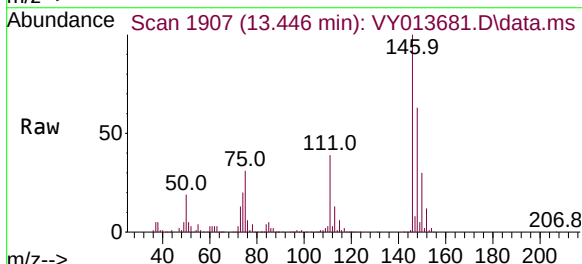
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

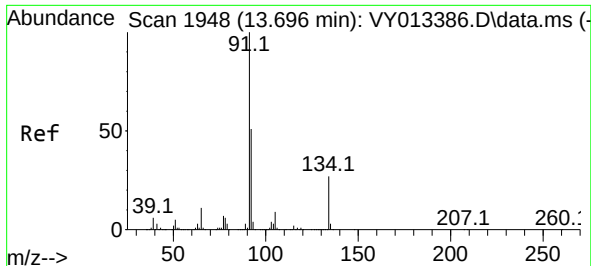
Tgt Ion:146 Resp: 136225
Ion Ratio Lower Upper
146 100
111 37.9 19.3 57.9
148 63.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 22.611 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion:146 Resp: 133630
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.5
148 64.1 31.9 95.5

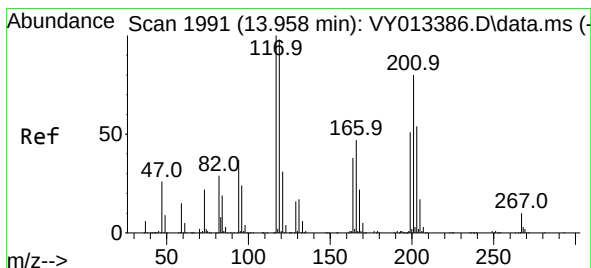
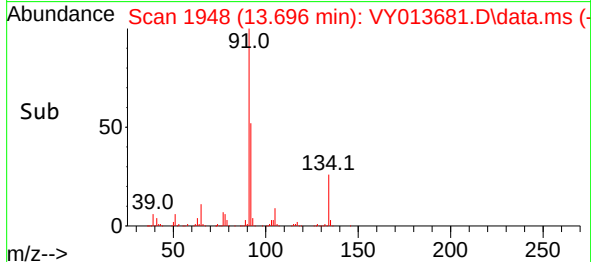
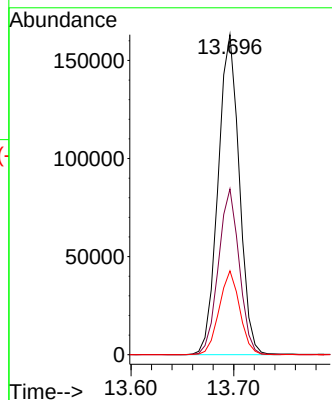
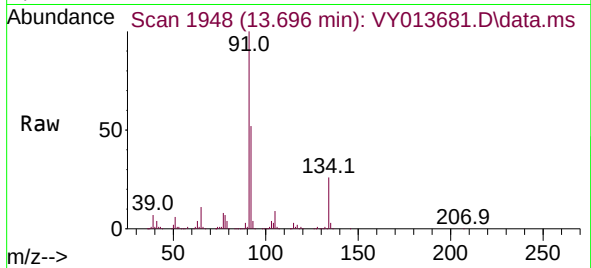




#89
n-Butylbenzene
Concen: 22.128 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

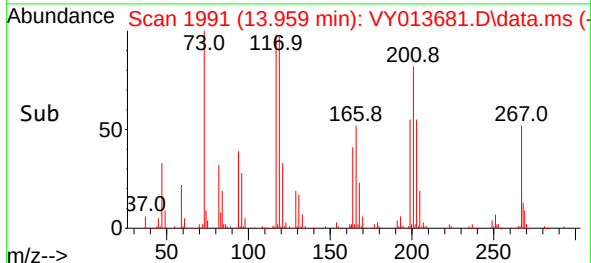
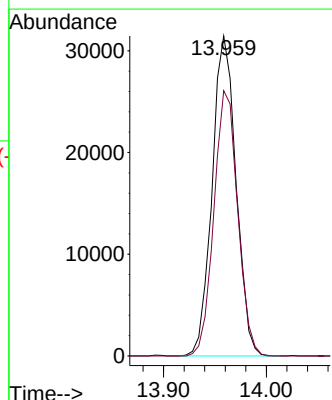
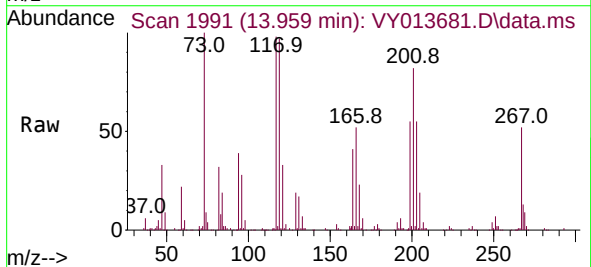
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBSD01

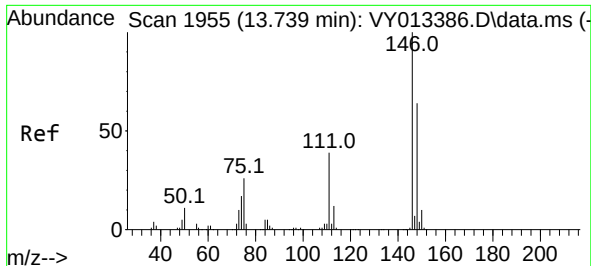
Tgt Ion: 91 Resp: 233603
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 25.4 13.5 40.4



#90
Hexachloroethane
Concen: 22.291 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013681.D
Acq: 10 May 2023 12:35

Tgt Ion: 117 Resp: 50744
Ion Ratio Lower Upper
117 100
201 82.4 41.6 124.8

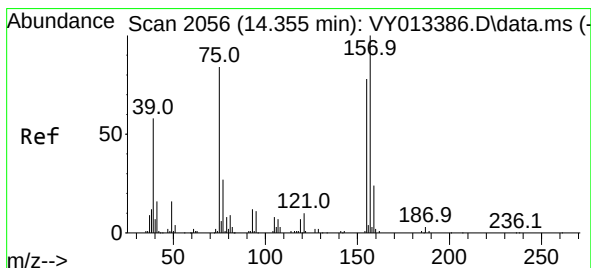
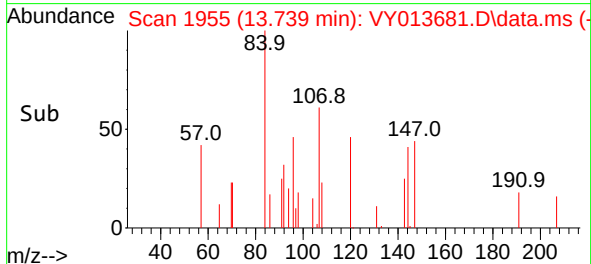
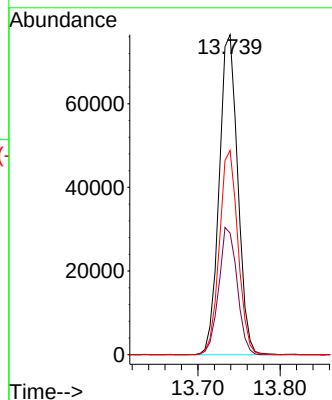
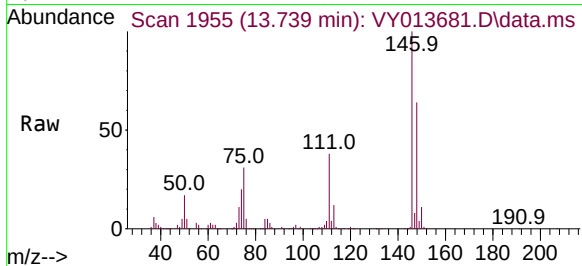




#91
 1,2-Dichlorobenzene
 Concen: 22.732 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013681.D
 Acq: 10 May 2023 12:35

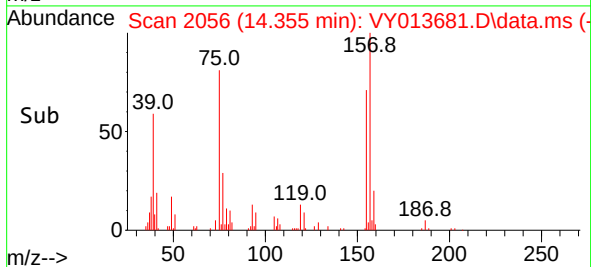
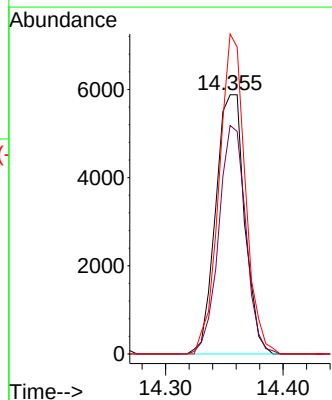
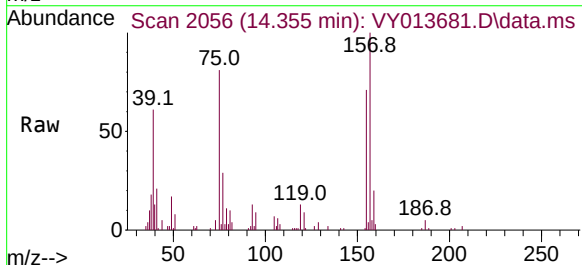
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBSD01

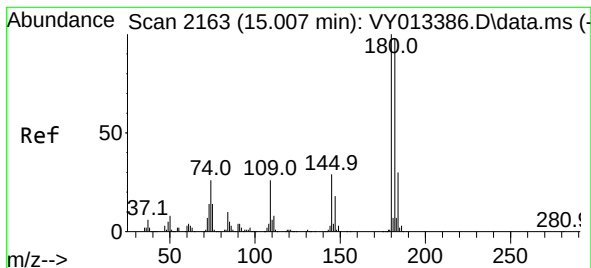
Tgt Ion:146 Resp: 120099
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.4
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.355 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013681.D
 Acq: 10 May 2023 12:35

Tgt Ion: 75 Resp: 10042
 Ion Ratio Lower Upper
 75 100
 155 82.3 44.6 134.0
 157 111.9 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 22.388 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBSD01

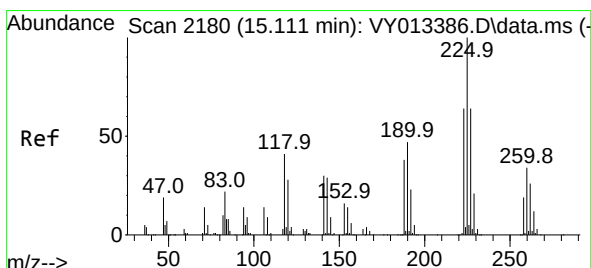
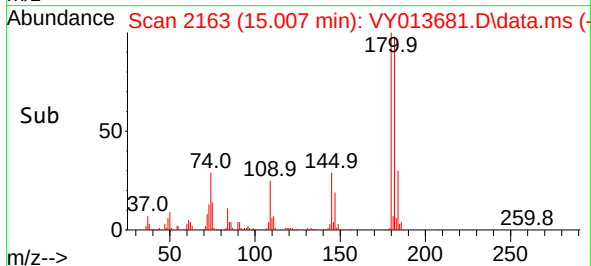
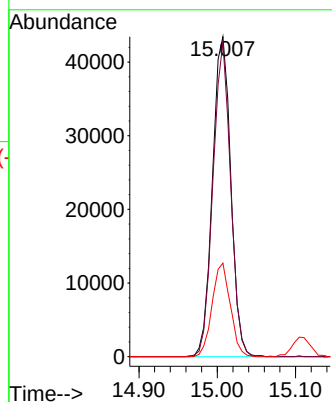
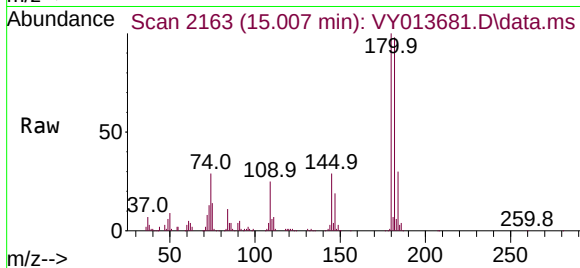
Tgt Ion:180 Resp: 70521

Ion Ratio Lower Upper

180 100

182 94.6 48.5 145.5

145 29.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 24.789 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

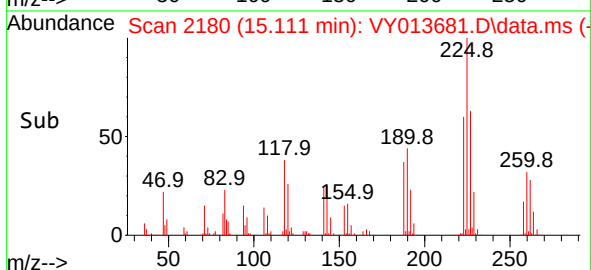
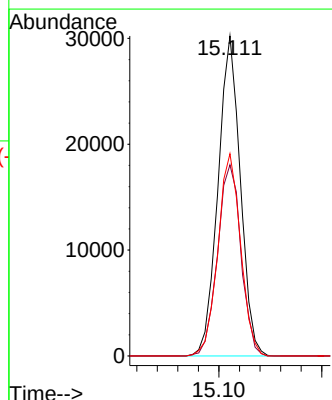
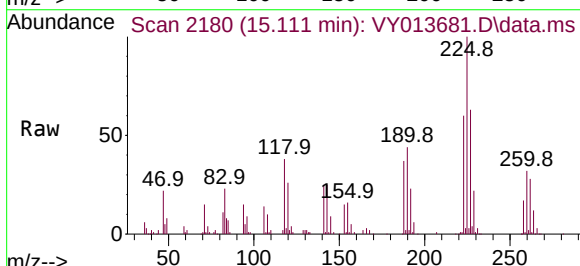
Tgt Ion:225 Resp: 45443

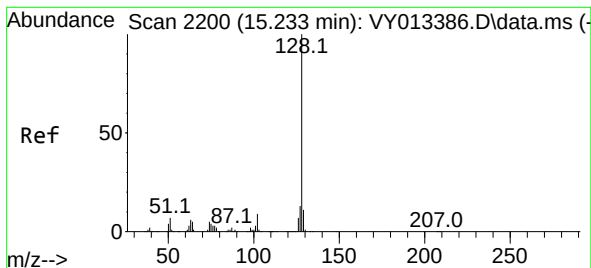
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 64.4 32.0 96.0





#95

Naphthalene

Concen: 19.096 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

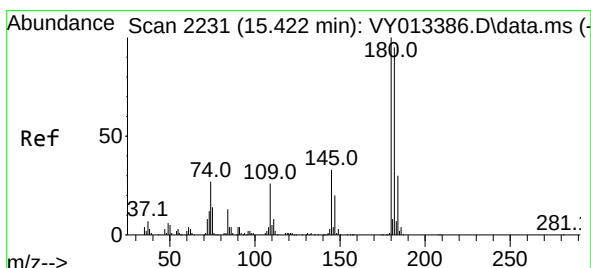
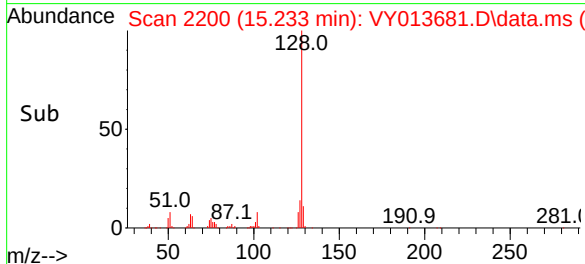
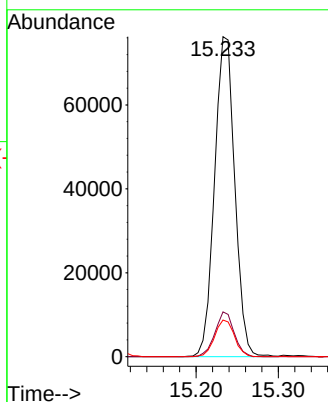
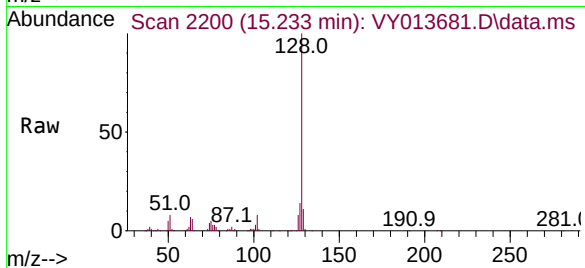
Tgt Ion:128 Resp: 130510

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.967 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013681.D

Acq: 10 May 2023 12:35

Tgt Ion:180 Resp: 61673

Ion Ratio Lower Upper

180 100

182 96.4 47.1 141.3

145 31.6 15.9 47.7

