

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013680.D
 Acq On : 10 May 2023 12:12
 Operator : KP/MD
 Sample : VY0510SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBS01

Quant Time: May 11 03:24:01 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	235526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	350616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	314610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139391	53.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.980%	
35) Dibromofluoromethane	7.716	113	122597	55.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.180%	
50) Toluene-d8	10.179	98	416029	53.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.477	95	154063	58.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	51540	23.018	ug/l	100
3) Chloromethane	2.113	50	61194	20.389	ug/l	100
4) Vinyl Chloride	2.247	62	60212	20.148	ug/l	99
5) Bromomethane	2.650	94	48674	20.439	ug/l	99
6) Chloroethane	2.790	64	39591	19.177	ug/l	97
7) Trichlorofluoromethane	3.125	101	105914	23.395	ug/l	98
8) Diethyl Ether	3.527	74	32329	20.970	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	57392	22.601	ug/l	98
10) Methyl Iodide	4.094	142	58184	18.243	ug/l	99
11) Tert butyl alcohol	4.936	59	61033	209.978	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	51965	21.229	ug/l	100
13) Acrolein	3.729	56	19382	79.892	ug/l	97
14) Allyl chloride	4.472	41	91060	20.049	ug/l	97
15) Acrylonitrile	5.161	53	93133	107.869	ug/l	98
16) Acetone	3.948	43	108254	106.468	ug/l	96
17) Carbon Disulfide	4.192	76	152304	19.155	ug/l	100
18) Methyl Acetate	4.479	43	71103	21.173	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	148925	21.074	ug/l	100
20) Methylene Chloride	4.716	84	83916	21.779	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	56214	21.004	ug/l	98
22) Diisopropyl ether	6.119	45	188678	21.254	ug/l	96
23) Vinyl Acetate	6.058	43	563780	112.165	ug/l	97
24) 1,1-Dichloroethane	6.015	63	106706	21.567	ug/l	98
25) 2-Butanone	6.984	43	141113	109.433	ug/l	96
26) 2,2-Dichloropropane	6.978	77	101898	23.901	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	64390	21.775	ug/l	94
28) Bromochloromethane	7.332	49	37799	21.529	ug/l	87
29) Tetrahydrofuran	7.350	42	83057	103.475	ug/l	92
30) Chloroform	7.502	83	114453	23.266	ug/l	99
31) Cyclohexane	7.783	56	93031	20.125	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	102771	23.412	ug/l	97
36) 1,1-Dichloropropene	7.923	75	83393	22.786	ug/l	97
37) Ethyl Acetate	7.076	43	59147	21.475	ug/l	95
38) Carbon Tetrachloride	7.899	117	95503	24.897	ug/l	98
39) Methylcyclohexane	9.179	83	93669	21.710	ug/l	95
40) Benzene	8.161	78	239972	23.277	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	79781	62.163	ug/l #	45
42) 1,2-Dichloroethane	8.234	62	80527	23.892	ug/l	98
43) Isopropyl Acetate	8.271	43	98615	21.213	ug/l	98
44) Trichloroethene	8.941	130	63940	23.316	ug/l	99
45) 1,2-Dichloropropane	9.216	63	61152	22.686	ug/l	99
46) Dibromomethane	9.307	93	37026	22.957	ug/l	97
47) Bromodichloromethane	9.496	83	85951	23.816	ug/l	97
48) Methyl methacrylate	9.295	41	46579	21.817	ug/l	93
49) 1,4-Dioxane	9.307	88	10556	458.263	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	289764	111.857	ug/l	95
52) Toluene	10.246	92	147301	23.743	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	89306	23.382	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	97582	22.705	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	50597	23.689	ug/l	98
56) Ethyl methacrylate	10.508	69	66546	22.457	ug/l	92
57) 1,3-Dichloropropane	10.788	76	84035	23.231	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	132440	119.191	ug/l	96
59) 2-Hexanone	10.831	43	215269	114.317	ug/l	96
60) Dibromochloromethane	10.983	129	64211	24.759	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48841	23.259	ug/l	97
64) Tetrachloroethene	10.715	164	56813	23.748	ug/l	95
65) Chlorobenzene	11.514	112	158396	23.112	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	61940	24.166	ug/l	99
67) Ethyl Benzene	11.593	91	281829	23.418	ug/l	100
68) m/p-Xylenes	11.703	106	217170	47.469	ug/l	98
69) o-Xylene	12.026	106	100885	23.316	ug/l	98
70) Styrene	12.044	104	173552	23.989	ug/l	100
71) Bromoform	12.203	173	43330	24.135	ug/l #	99
73) Isopropylbenzene	12.331	105	272021	21.773	ug/l	97
74) N-amyl acetate	12.142	43	86082	19.362	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	64019	20.965	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	83138	37.322	ug/l #	100
77) Bromobenzene	12.605	156	68507	22.631	ug/l	97
78) n-propylbenzene	12.672	91	337253	21.916	ug/l	99
79) 2-Chlorotoluene	12.758	91	186894	21.749	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	228733	22.432	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	21684	19.912	ug/l	94
82) 4-Chlorotoluene	12.855	91	199436	22.267	ug/l	97
83) tert-Butylbenzene	13.075	119	196100	22.198	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	224026	22.597	ug/l	100
85) sec-Butylbenzene	13.251	105	296381	22.354	ug/l	98
86) p-Isopropyltoluene	13.367	119	236911	22.220	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	131449	22.792	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	131199	22.520	ug/l	99
89) n-Butylbenzene	13.696	91	226626	21.777	ug/l	99
90) Hexachloroethane	13.959	117	48200	21.479	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	117983	22.654	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11039	20.469	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	70133	22.587	ug/l	98
94) Hexachlorobutadiene	15.111	225	46066	25.492	ug/l	99
95) Naphthalene	15.233	128	138496	20.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63113	22.805	ug/l	98

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QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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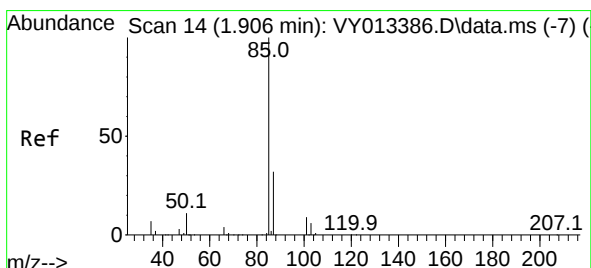
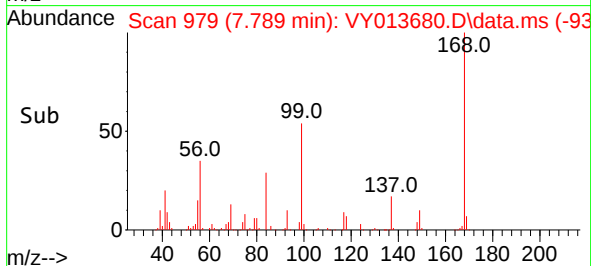
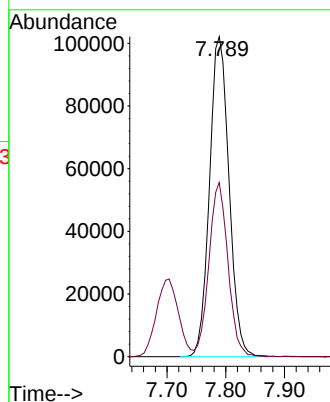
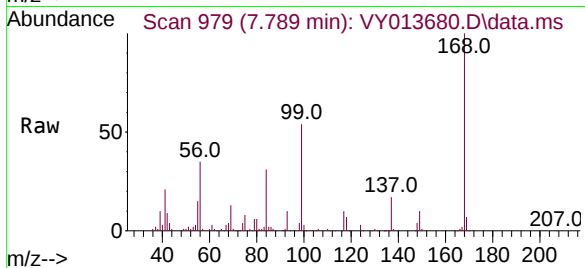
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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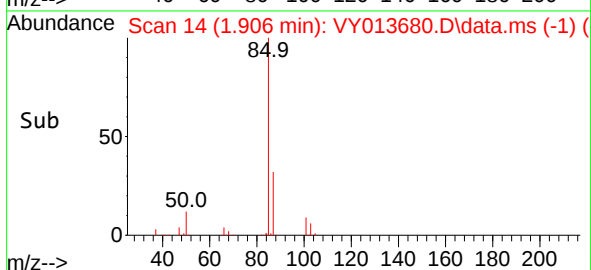
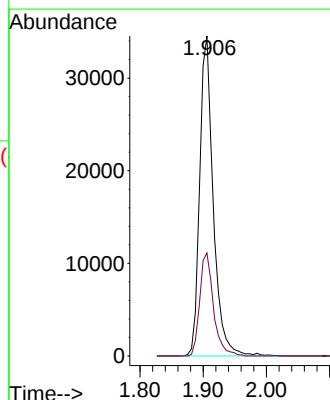
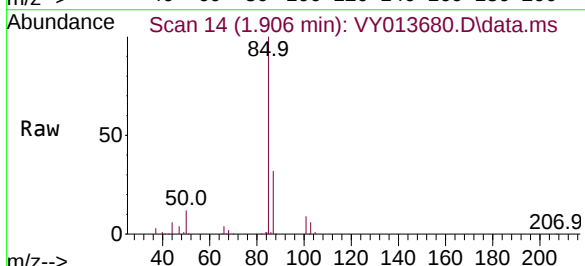
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

Tgt Ion:168 Resp: 235526
Ion Ratio Lower Upper
168 100
99 54.3 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.018 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 85 Resp: 51540
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2

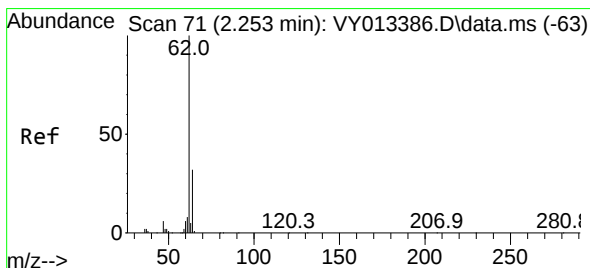
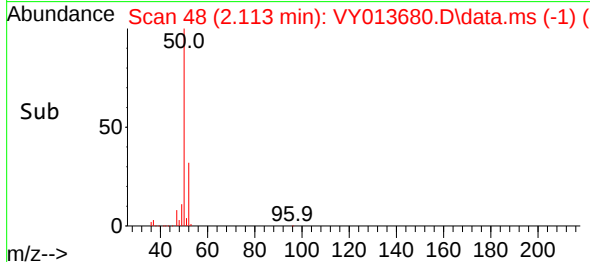
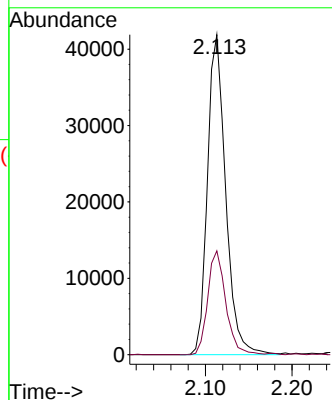
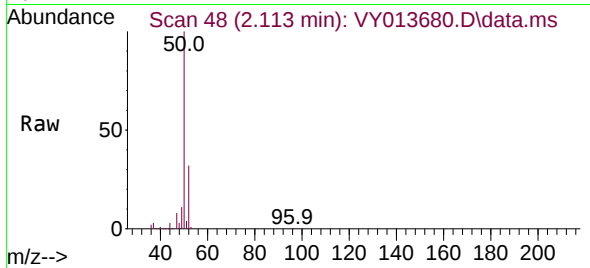




#3
Chloromethane
Concen: 20.389 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

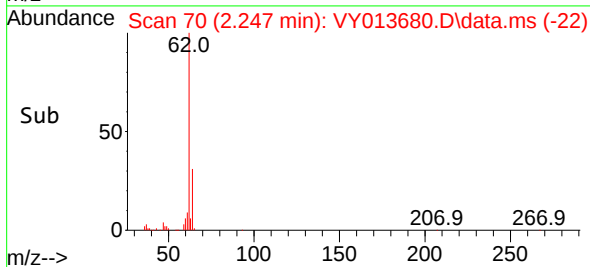
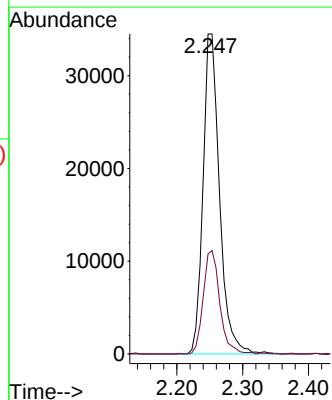
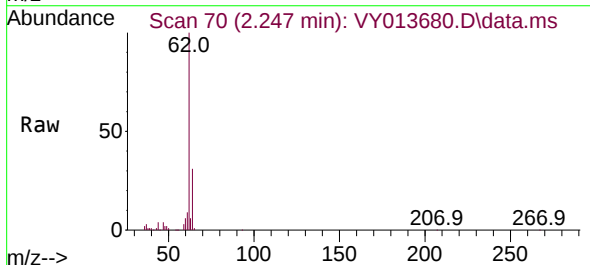
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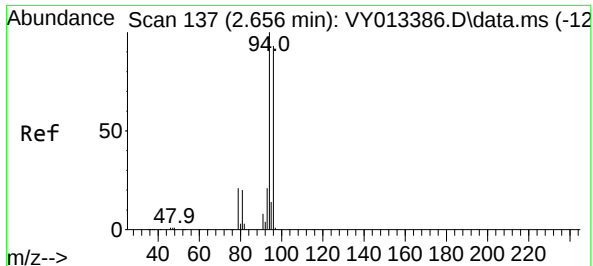
Tgt Ion: 50 Resp: 61194
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 20.148 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 62 Resp: 60212
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

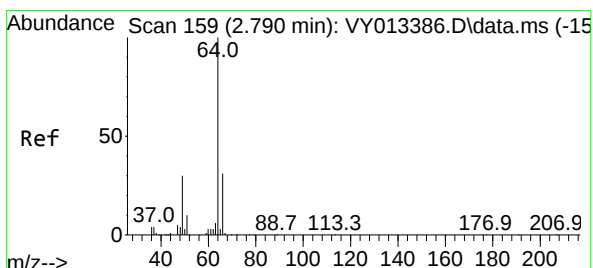
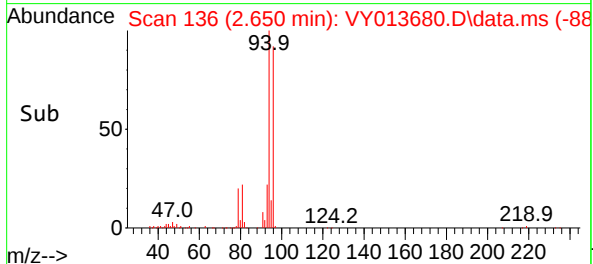
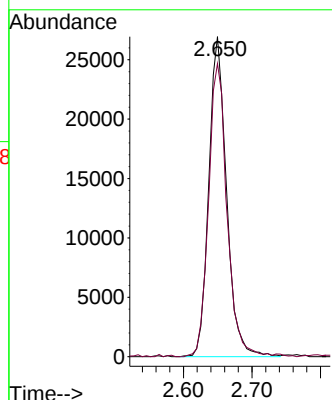
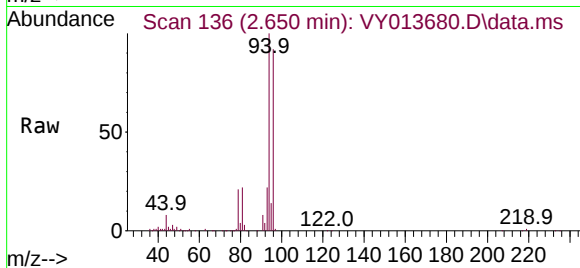




#5
Bromomethane
Concen: 20.439 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013680.D
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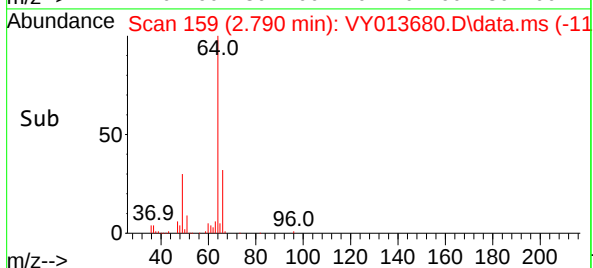
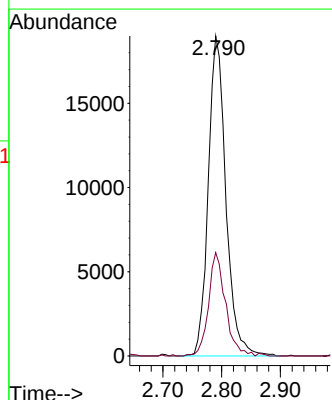
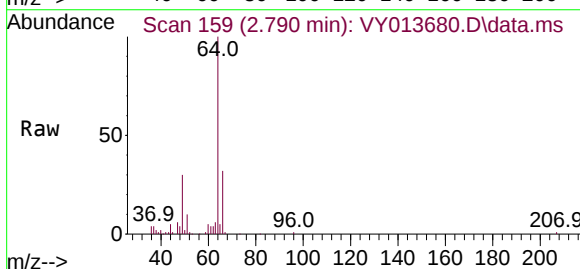
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 48674
Ion Ratio Lower Upper
94 100
96 91.6 74.2 111.2



#6
Chloroethane
Concen: 19.177 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 64 Resp: 39591
Ion Ratio Lower Upper
64 100
66 32.3 24.6 37.0

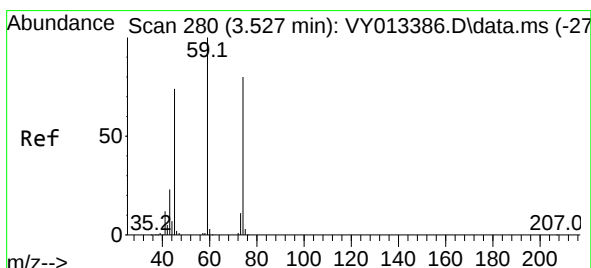
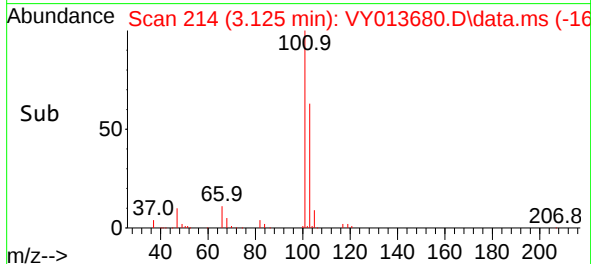
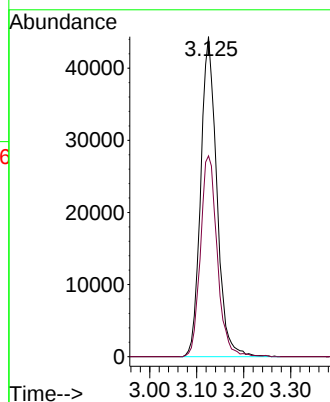
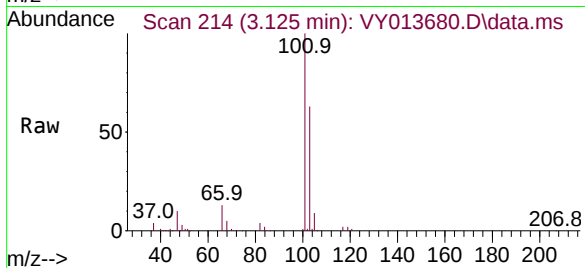




#7
 Trichlorofluoromethane
 Concen: 23.395 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013680.D
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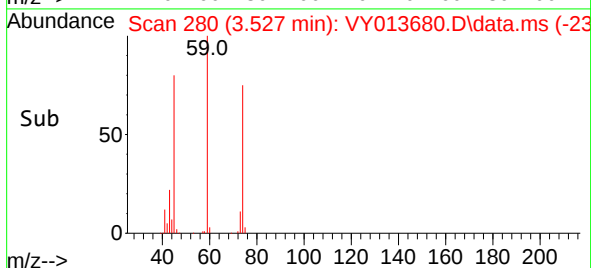
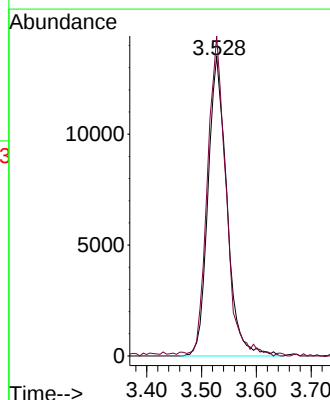
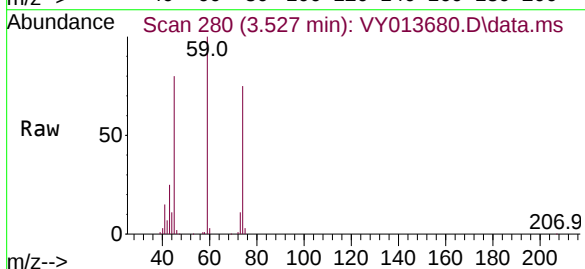
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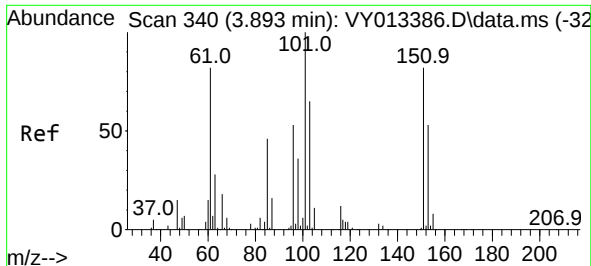
Tgt Ion:101 Resp: 105914
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.6 77.4



#8
 Diethyl Ether
 Concen: 20.970 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013680.D
 Acq: 10 May 2023 12:12

Tgt Ion: 74 Resp: 32329
 Ion Ratio Lower Upper
 74 100
 45 105.2 48.2 144.6

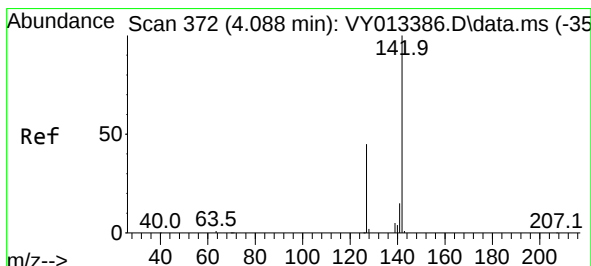
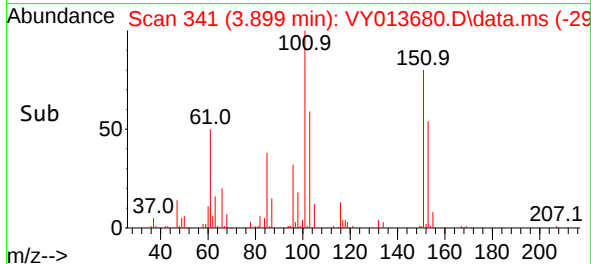
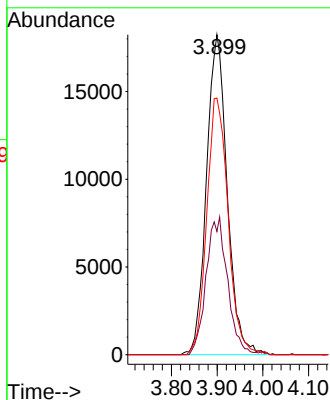
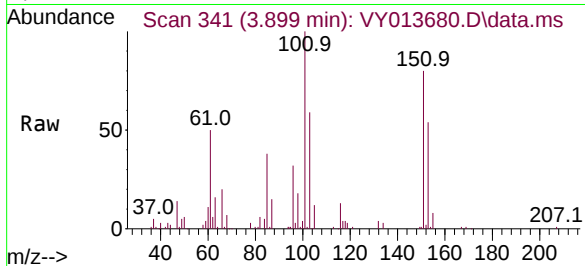




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.601 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013680.D
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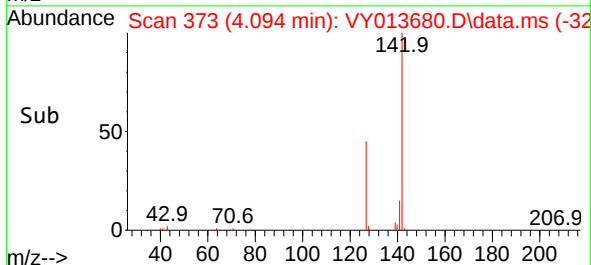
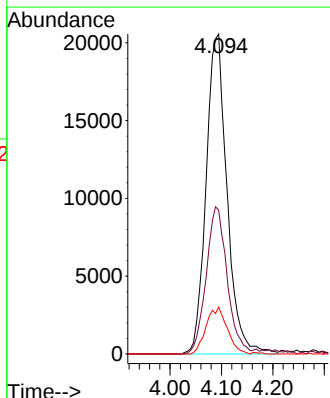
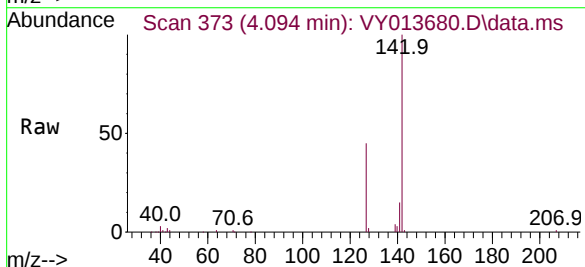
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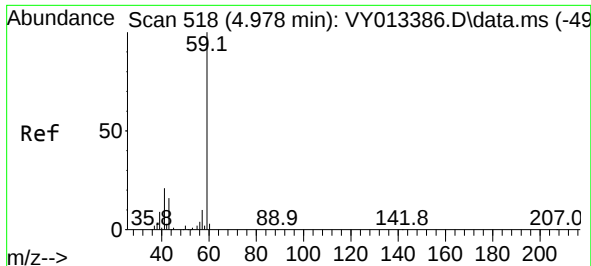
Tgt Ion:101 Resp: 57392
Ion Ratio Lower Upper
101 100
85 44.4 35.6 53.4
151 82.7 68.0 102.0



#10
Methyl Iodide
Concen: 18.243 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion:142 Resp: 58184
Ion Ratio Lower Upper
142 100
127 46.3 36.1 54.1
141 14.7 11.6 17.4

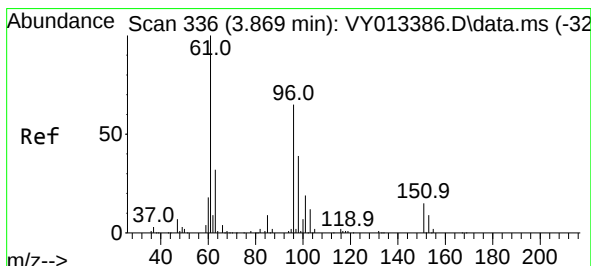
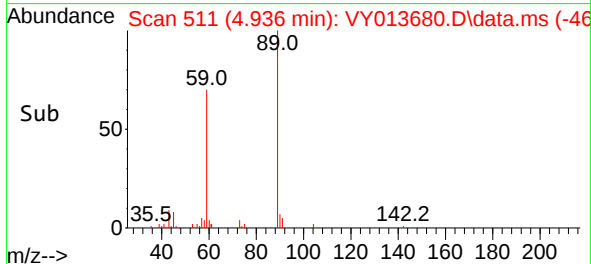
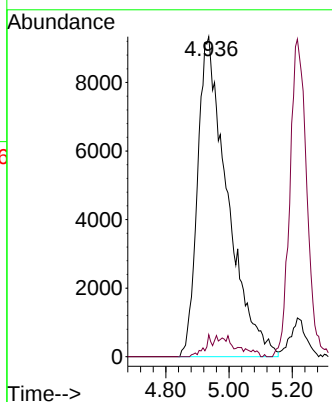
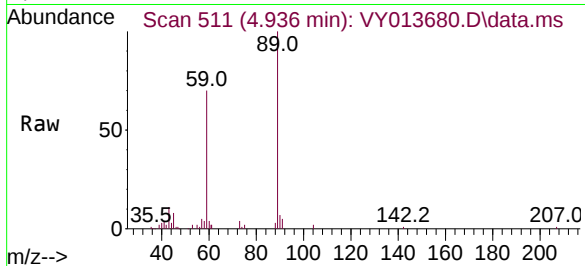




#11
Tert butyl alcohol
Concen: 209.978 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.042 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

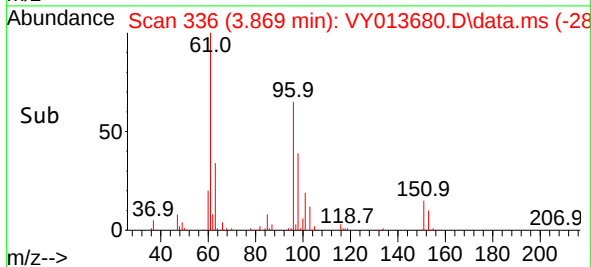
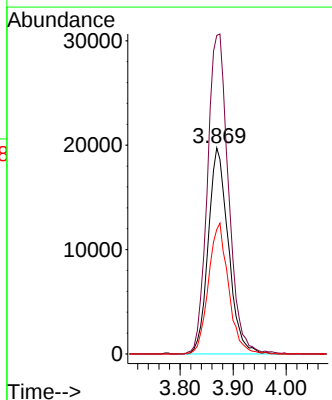
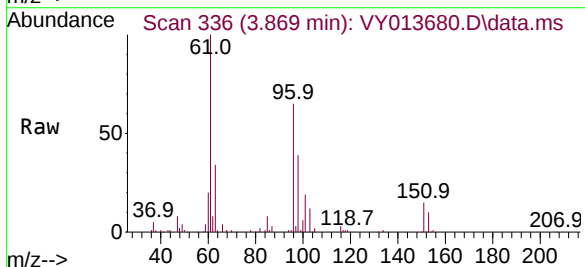
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

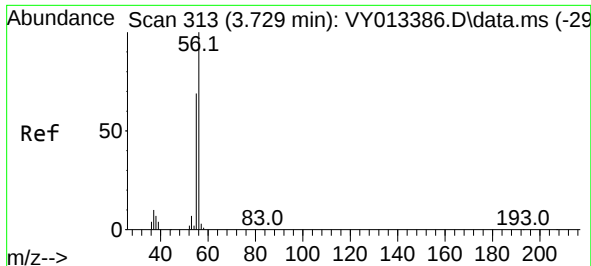
Tgt Ion: 59 Resp: 61033
Ion Ratio Lower Upper
59 100
57 1.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.229 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 96 Resp: 51965
Ion Ratio Lower Upper
96 100
61 154.6 123.9 185.9
98 60.4 48.9 73.3





#13

Acrolein

Concen: 79.892 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

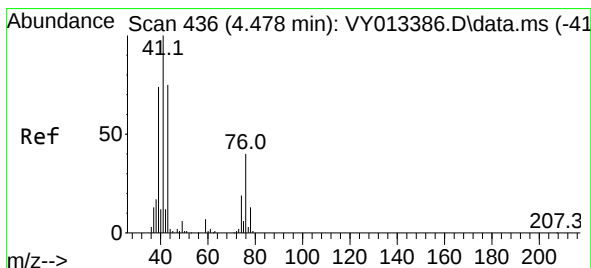
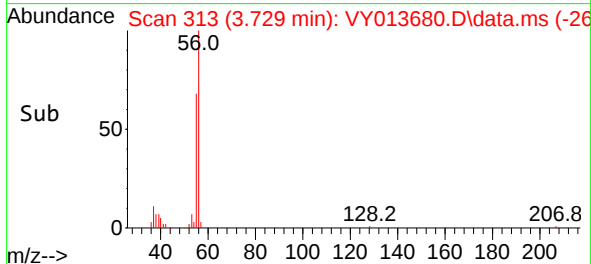
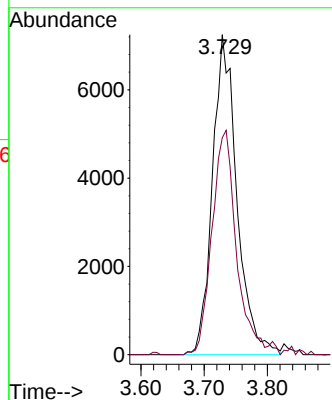
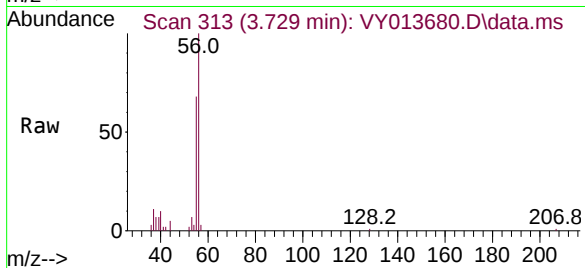
VY0510SBS01

Tgt Ion: 56 Resp: 19382

Ion Ratio Lower Upper

56 100

55 70.2 54.1 81.1



#14

Allyl chloride

Concen: 20.049 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

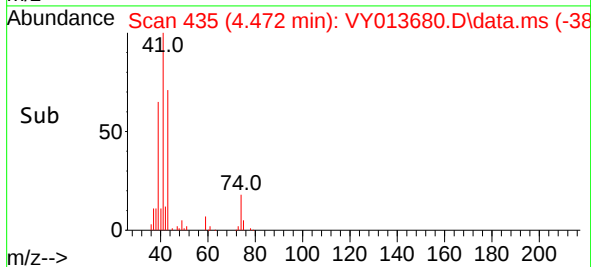
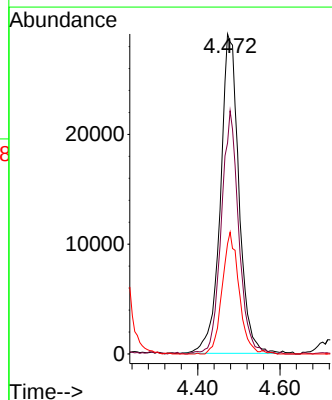
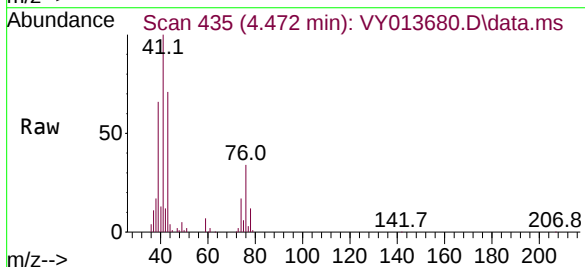
Tgt Ion: 41 Resp: 91060

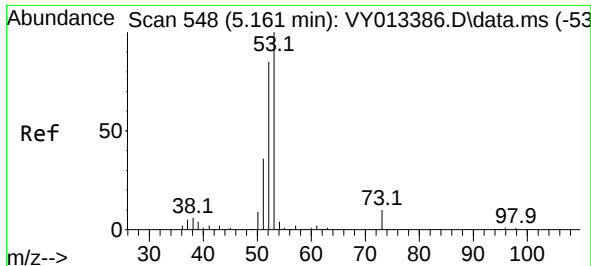
Ion Ratio Lower Upper

41 100

39 71.8 56.6 85.0

76 34.6 30.5 45.7

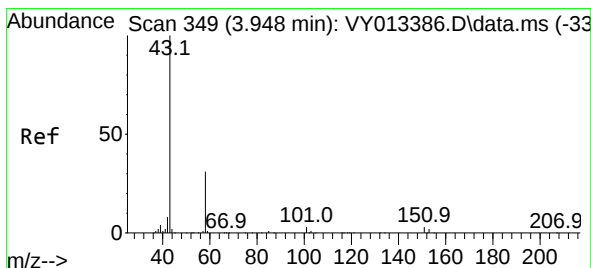
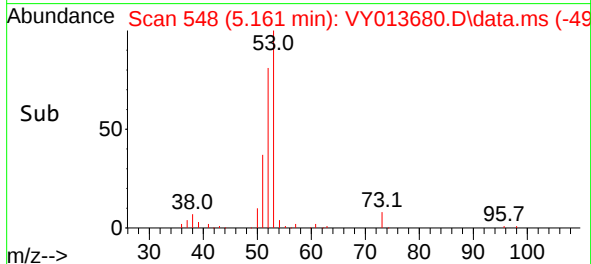
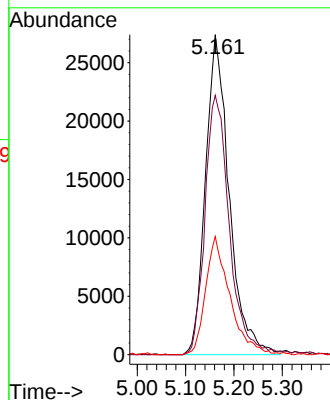
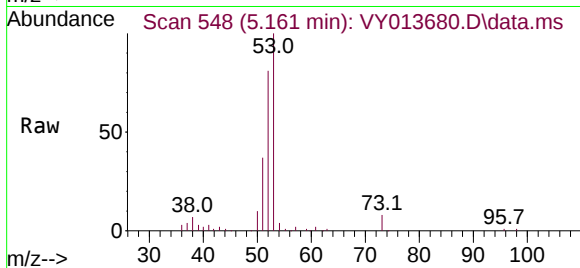




#15
Acrylonitrile
Concen: 107.869 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

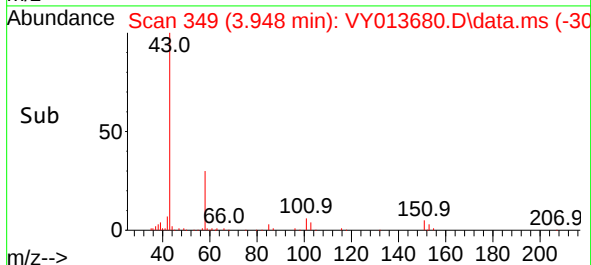
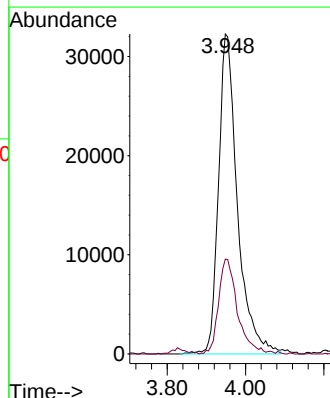
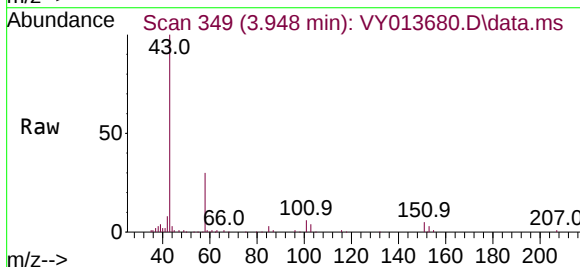
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

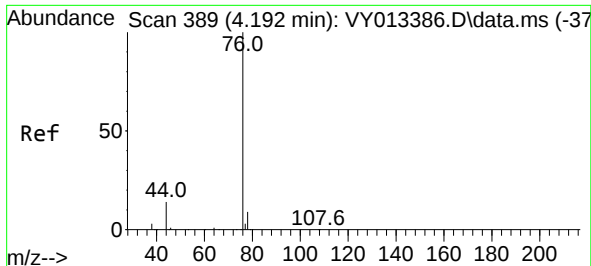
Tgt Ion: 53	Resp: 93133
Ion Ratio	Lower Upper
53 100	
52 83.6	65.4 98.0
51 37.8	29.3 43.9



#16
Acetone
Concen: 106.468 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 43	Resp: 108254
Ion Ratio	Lower Upper
43 100	
58 29.2	25.4 38.0

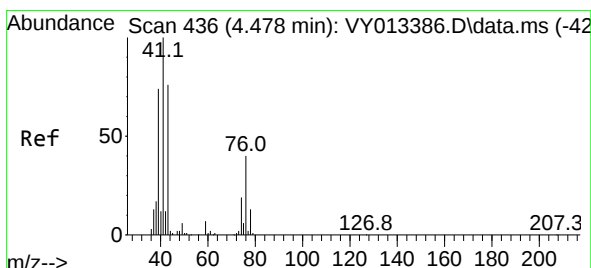
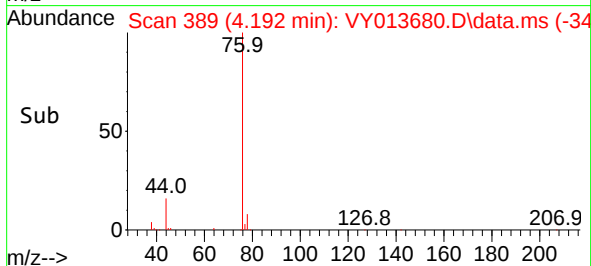
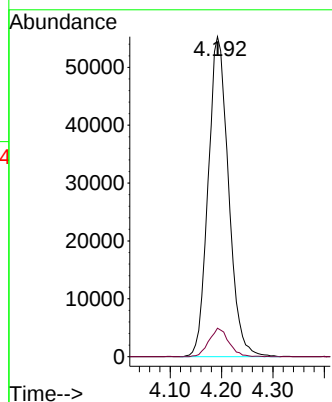
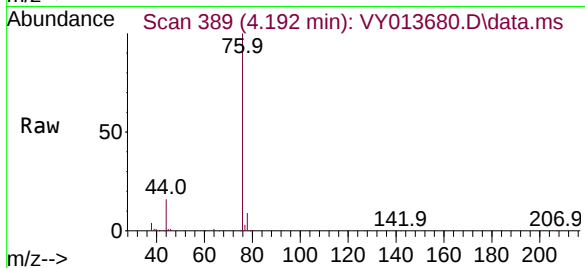




#17
Carbon Disulfide
Concen: 19.155 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

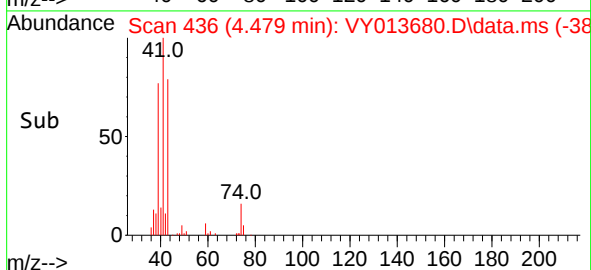
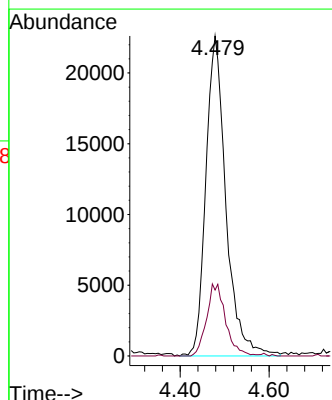
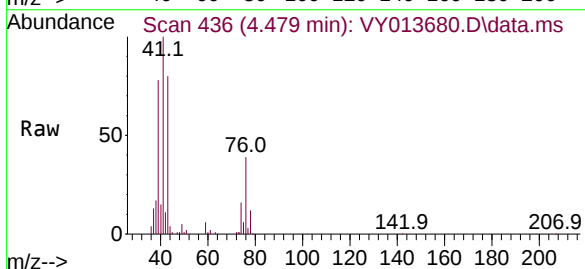
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

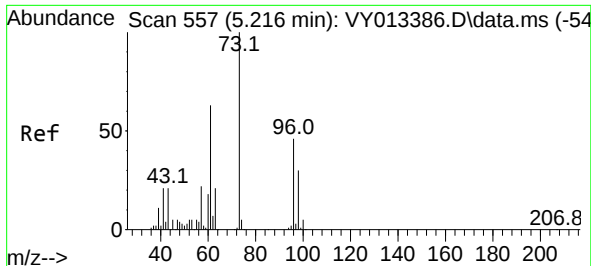
Tgt Ion: 76 Resp: 152304
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 21.173 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 43 Resp: 71103
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 21.074 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

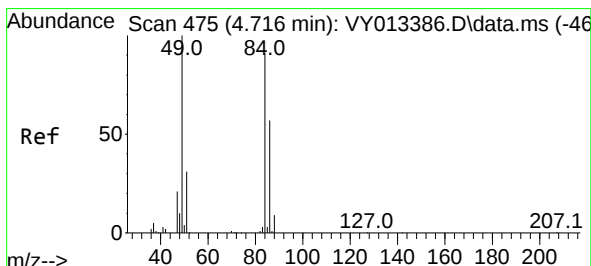
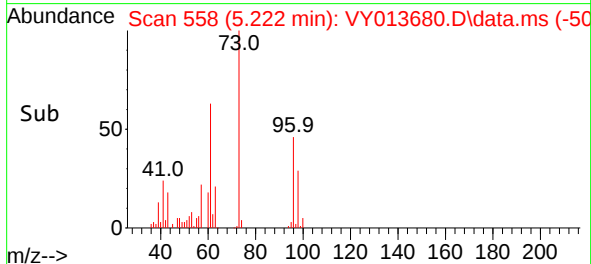
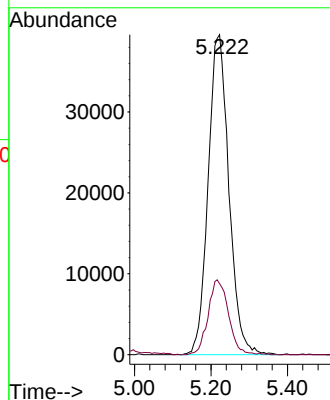
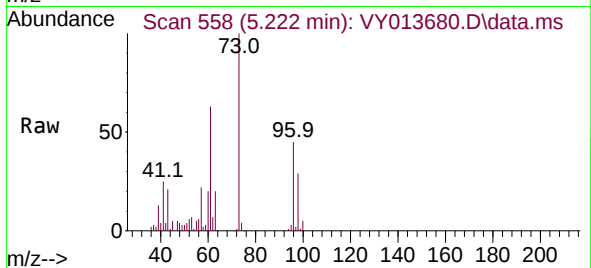
VY0510SBS01

Tgt Ion: 73 Resp: 148925

Ion Ratio Lower Upper

73 100

57 22.2 17.8 26.8



#20

Methylene Chloride

Concen: 21.779 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Tgt Ion: 84 Resp: 83916

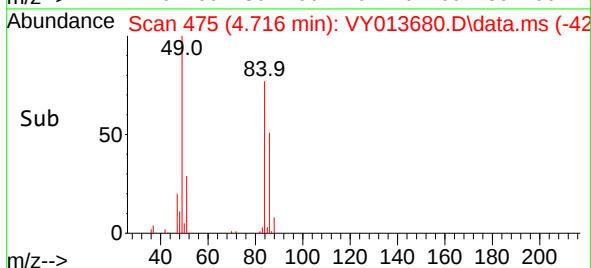
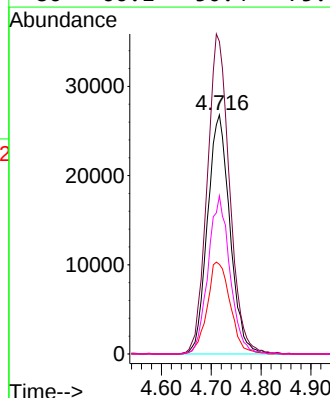
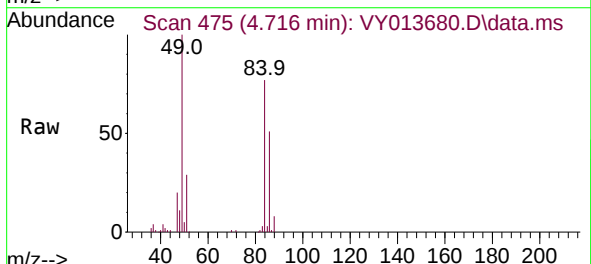
Ion Ratio Lower Upper

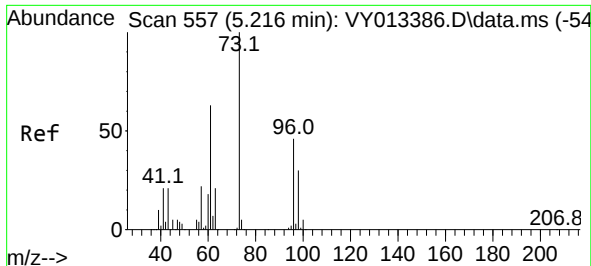
84 100

49 130.7 88.0 132.0

51 37.5 27.4 41.0

86 66.1 50.4 75.6

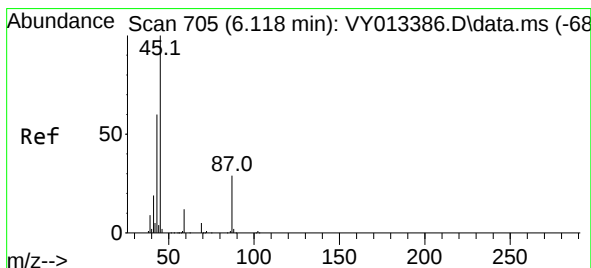
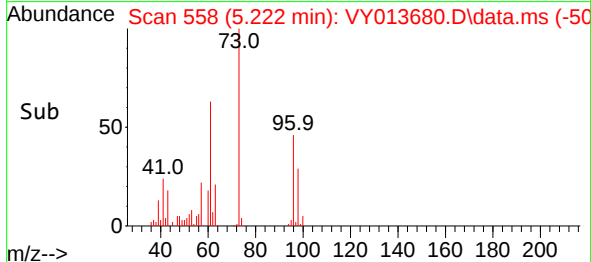
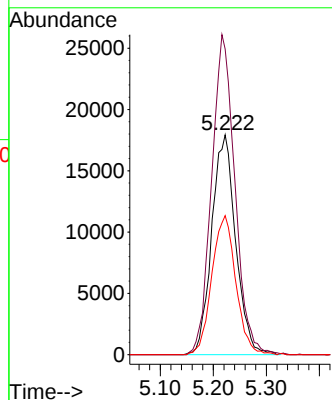
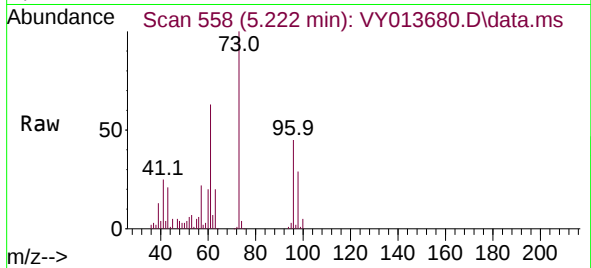




#21
trans-1,2-Dichloroethene
Concen: 21.004 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

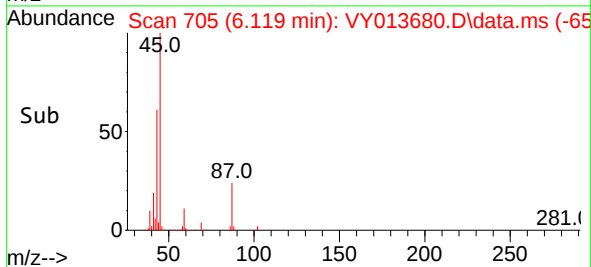
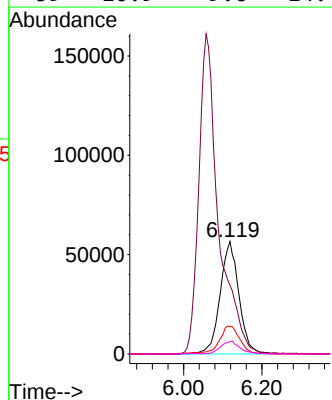
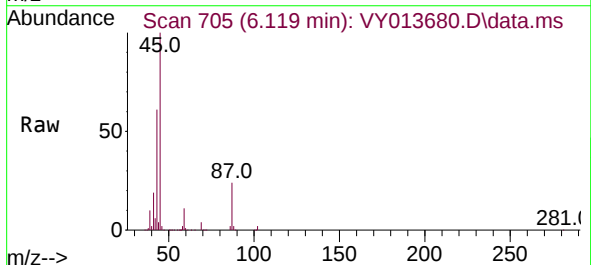
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

Tgt Ion: 96 Resp: 56214
Ion Ratio Lower Upper
96 100
61 139.0 110.6 165.8
98 63.3 53.1 79.7



#22
Diisopropyl ether
Concen: 21.254 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 45 Resp: 188678
Ion Ratio Lower Upper
45 100
43 61.1 48.4 72.6
87 24.4 23.8 35.6
59 10.9 9.6 14.4

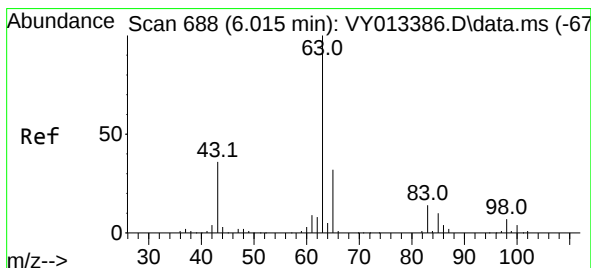
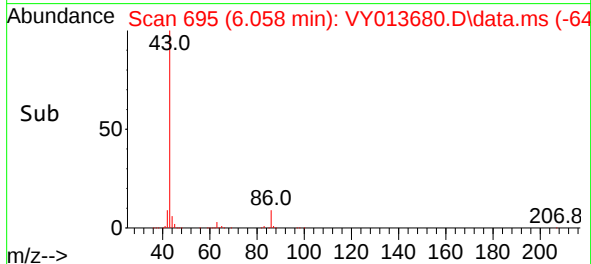
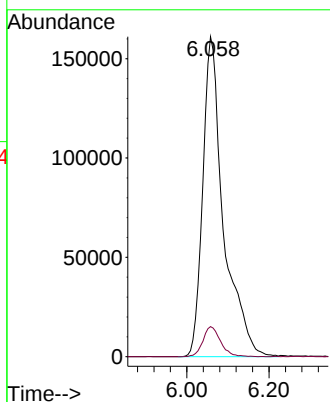
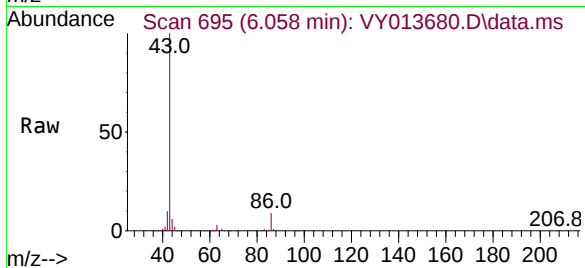




#23
 Vinyl Acetate
 Concen: 112.165 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013680.D
 Acq: 10 May 2023 12:12

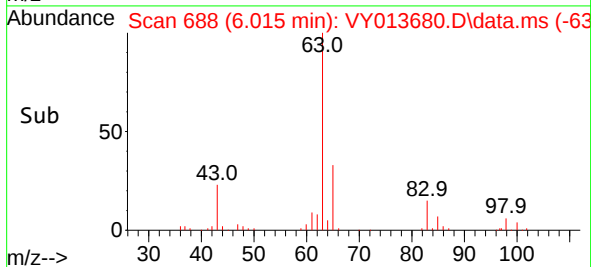
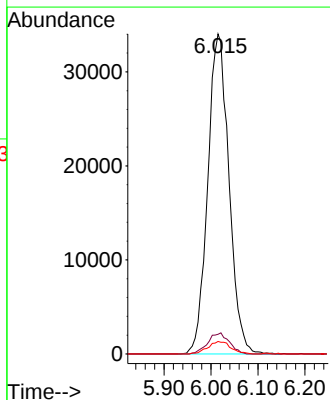
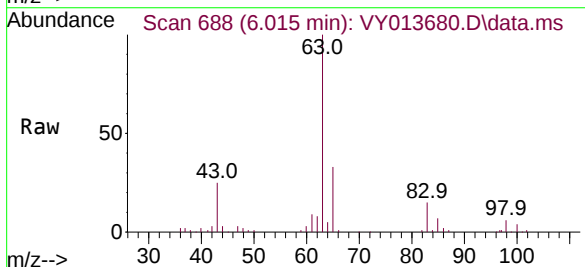
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBS01

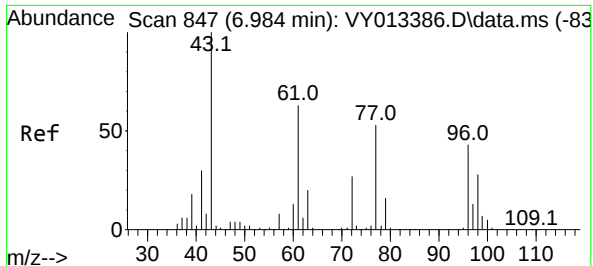
Tgt Ion: 43 Resp: 563780
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.567 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013680.D
 Acq: 10 May 2023 12:12

Tgt Ion: 63 Resp: 106706
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 3.9 2.2 6.6





#25

2-Butanone

Concen: 109.433 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

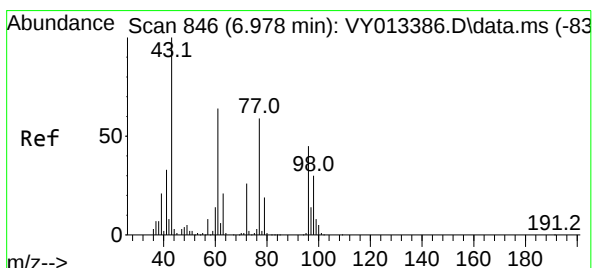
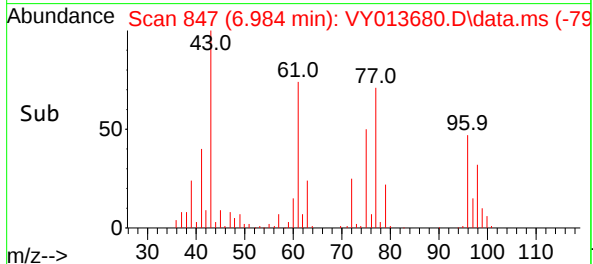
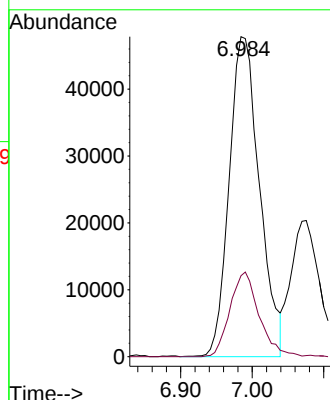
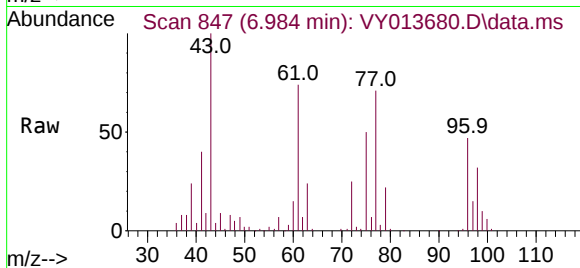
VY0510SBS01

Tgt Ion: 43 Resp: 141113

Ion Ratio Lower Upper

43 100

72 25.3 21.9 32.9



#26

2,2-Dichloropropane

Concen: 23.901 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013680.D

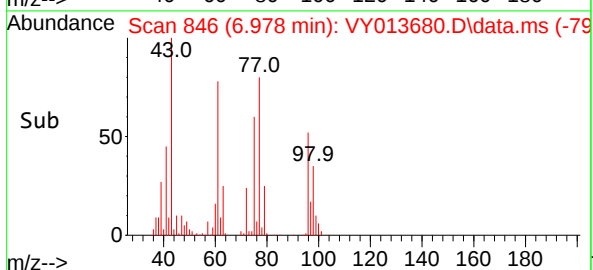
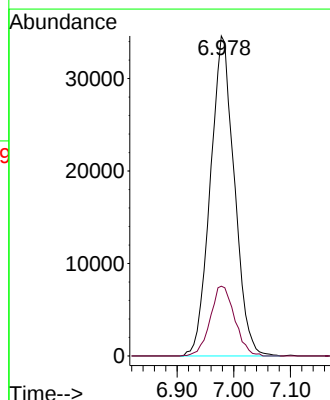
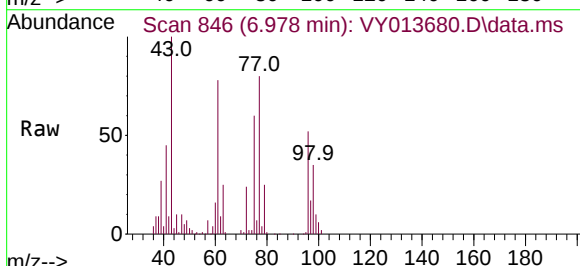
Acq: 10 May 2023 12:12

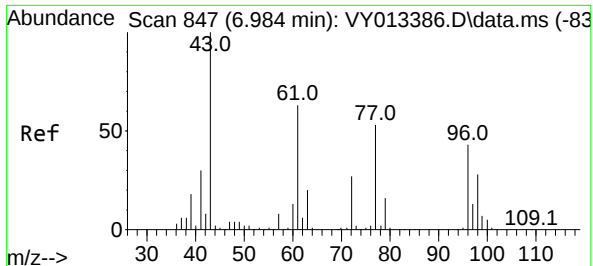
Tgt Ion: 77 Resp: 101898

Ion Ratio Lower Upper

77 100

97 22.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 21.775 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

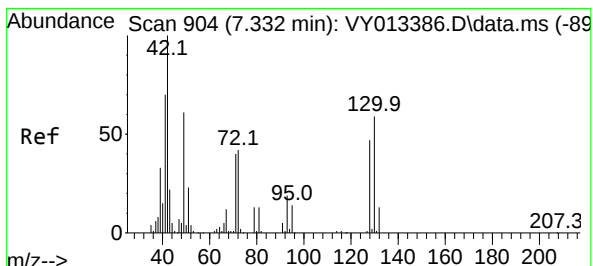
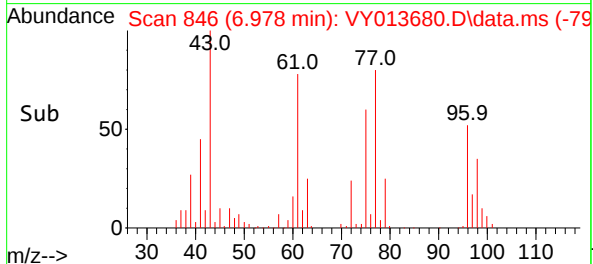
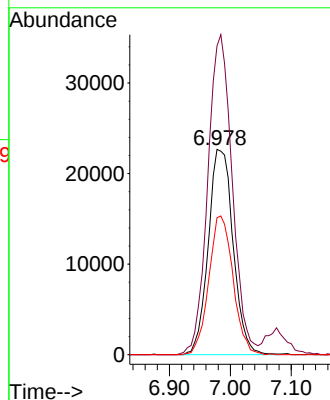
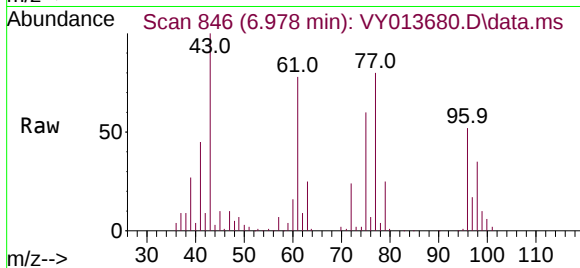
Tgt Ion: 96 Resp: 64390

Ion Ratio Lower Upper

96 100

61 153.4 0.0 285.0

98 65.8 0.0 130.6



#28

Bromochloromethane

Concen: 21.529 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

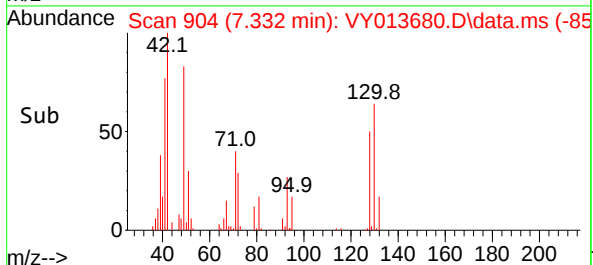
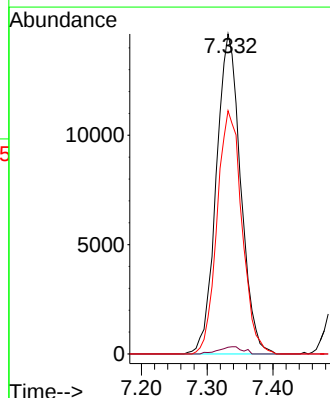
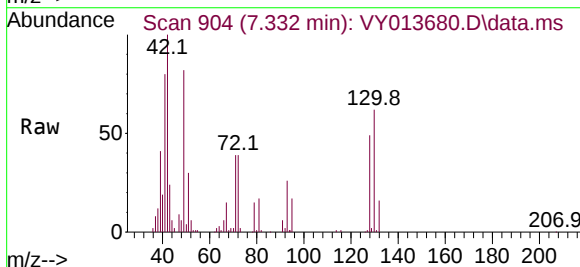
Tgt Ion: 49 Resp: 37799

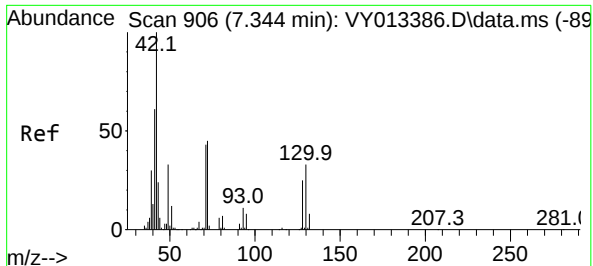
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

130 77.4 72.1 108.1





#29

Tetrahydrofuran

Concen: 103.475 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

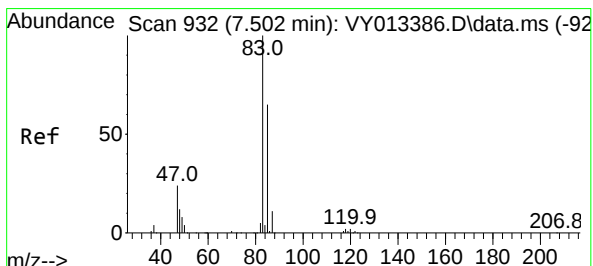
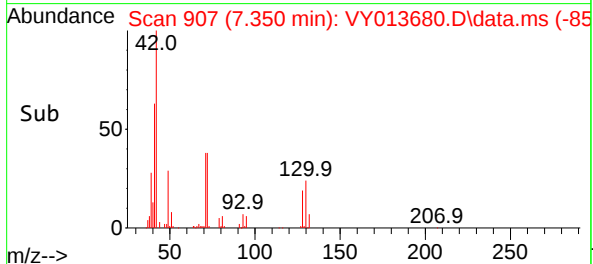
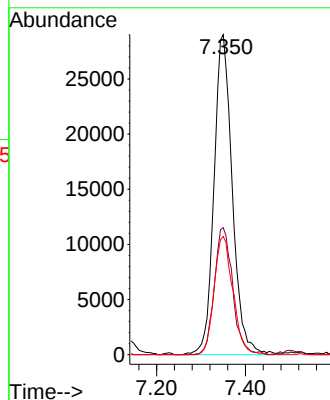
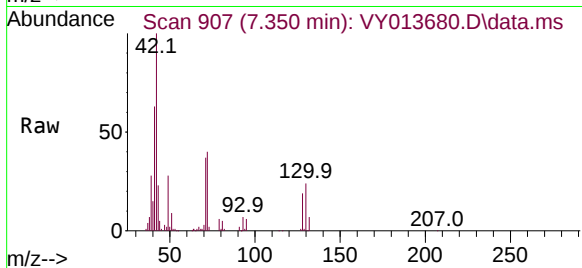
Tgt Ion: 42 Resp: 83057

Ion Ratio Lower Upper

42 100

72 39.6 35.9 53.9

71 37.9 34.3 51.5



#30

Chloroform

Concen: 23.266 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013680.D

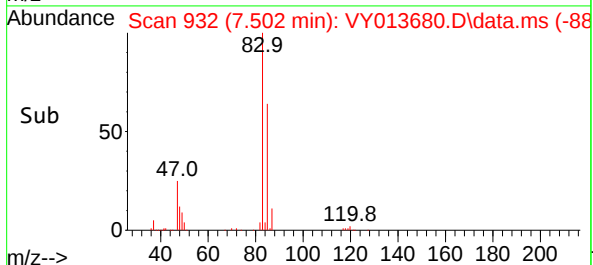
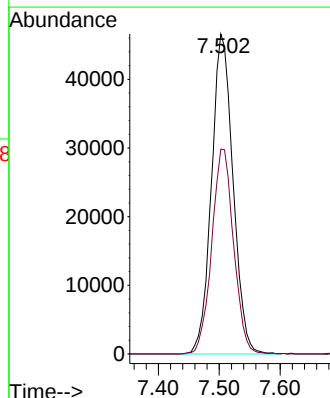
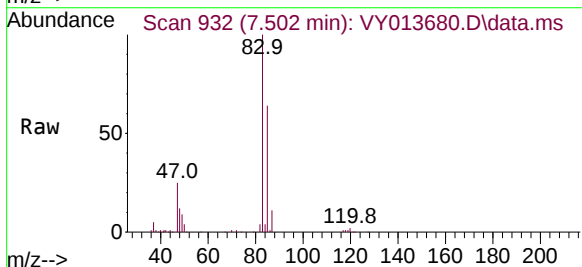
Acq: 10 May 2023 12:12

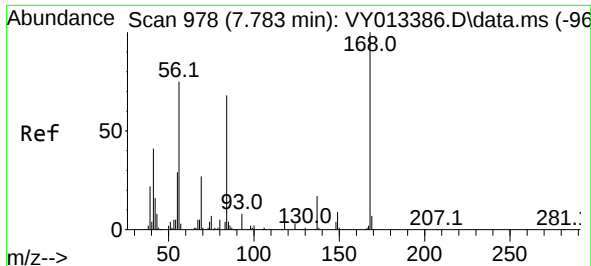
Tgt Ion: 83 Resp: 114453

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0

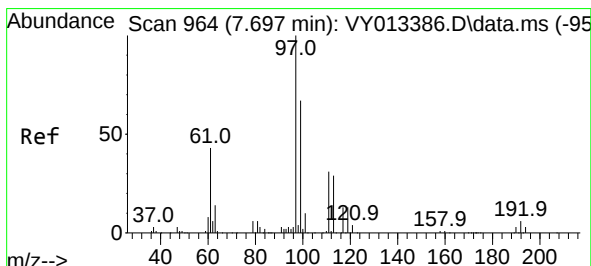
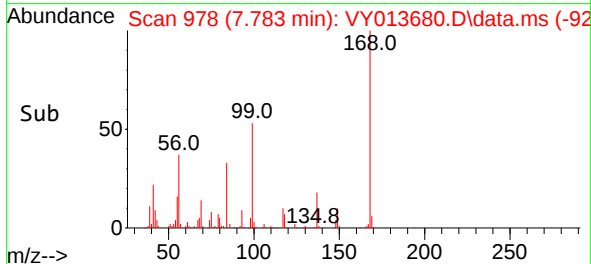
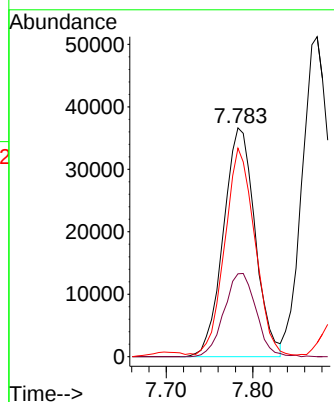
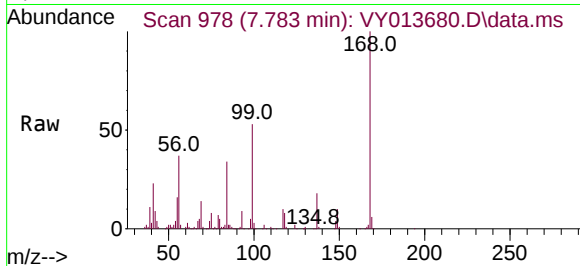




#31
Cyclohexane
Concen: 20.125 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

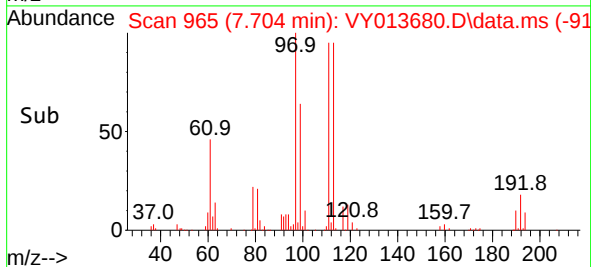
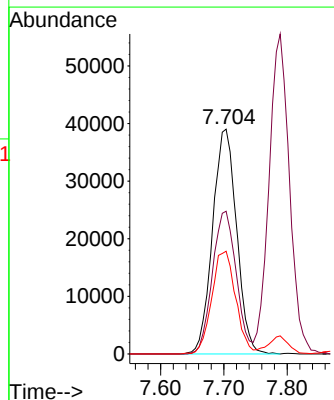
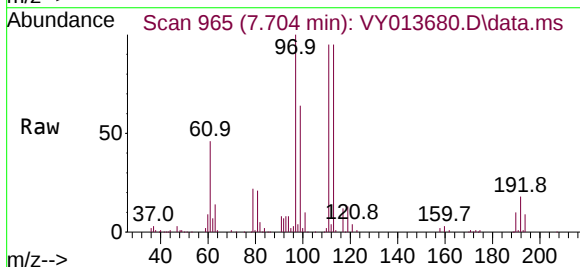
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

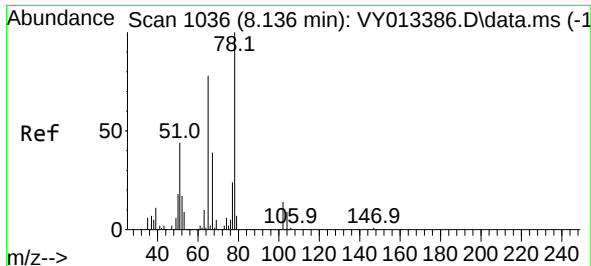
Tgt Ion: 56 Resp: 93031
Ion Ratio Lower Upper
56 100
69 36.3 29.2 43.8
84 89.4 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 23.412 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 97 Resp: 102771
Ion Ratio Lower Upper
97 100
99 63.4 52.2 78.2
61 45.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.988 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

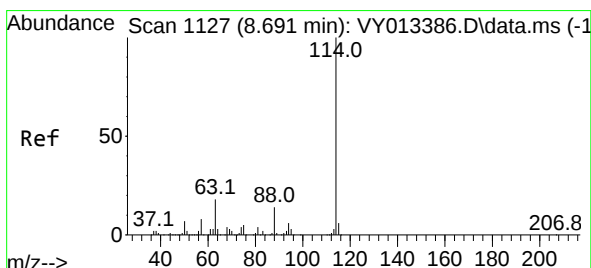
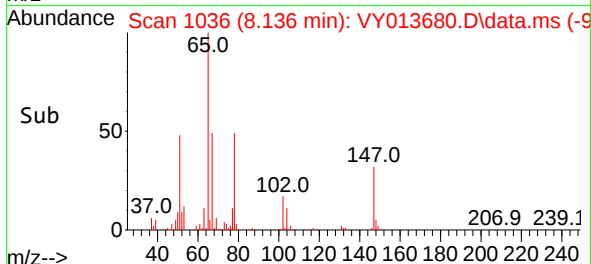
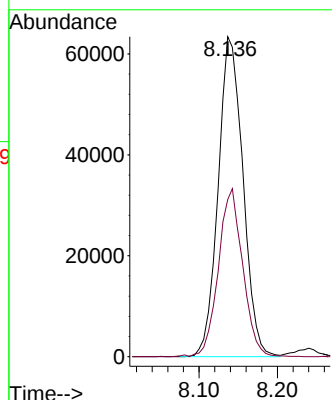
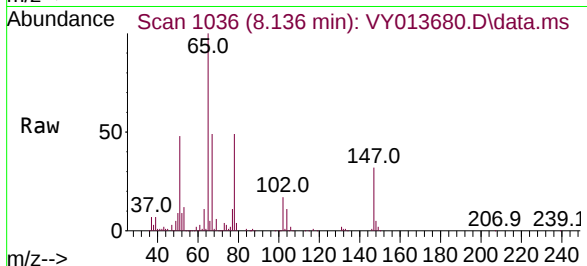
VY0510SBS01

Tgt Ion: 65 Resp: 139391

Ion Ratio Lower Upper

65 100

67 51.6 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: VY013680.D

Acq: 10 May 2023 12:12

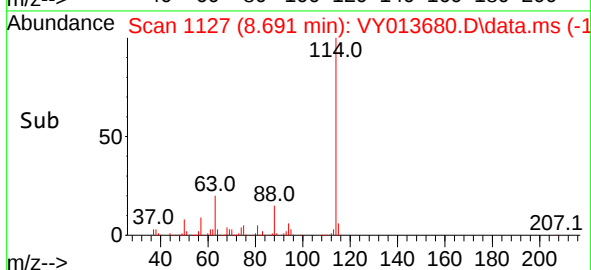
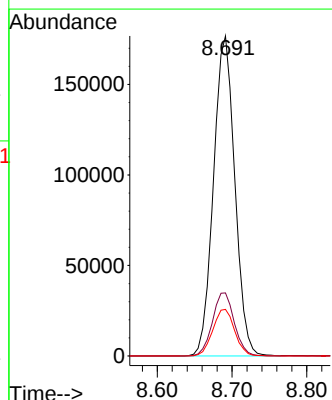
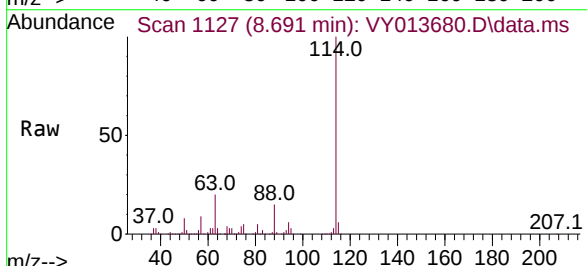
Tgt Ion: 114 Resp: 350616

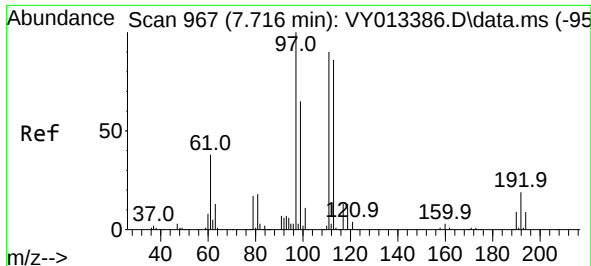
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

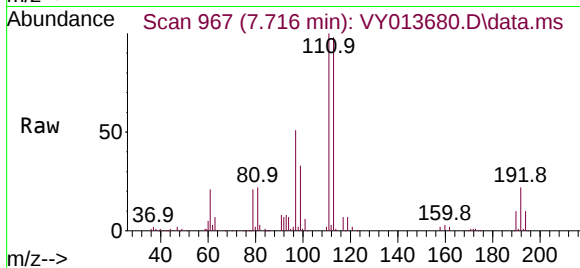
88 14.6 0.0 28.8



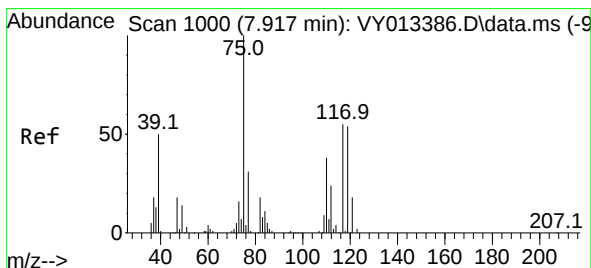
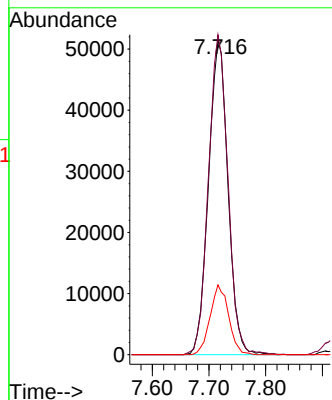
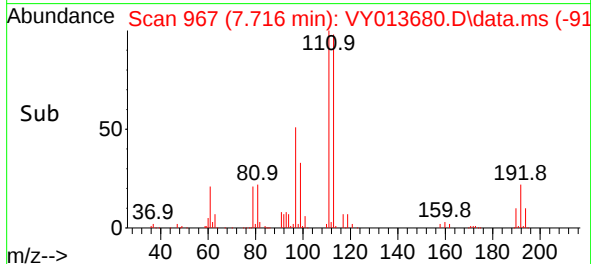


#35
Dibromofluoromethane
Concen: 55.594 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

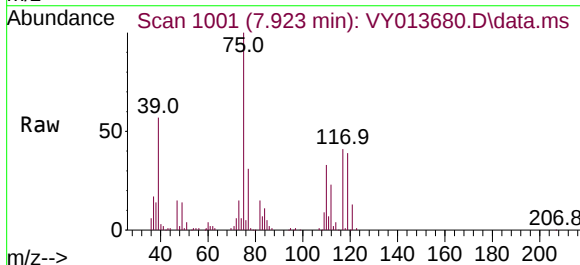
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01



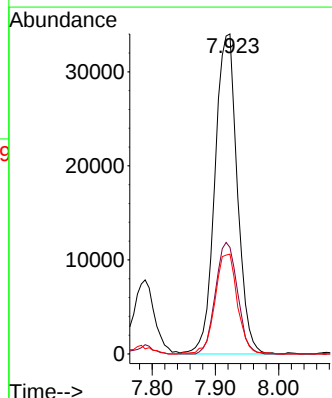
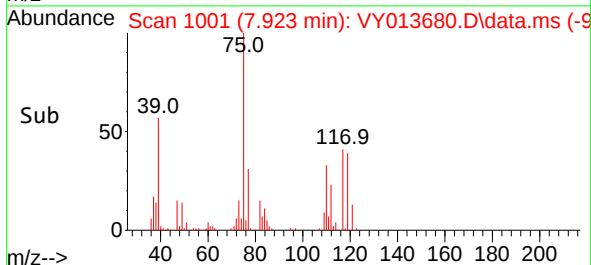
Tgt Ion:113 Resp: 122597
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 21.1 16.7 25.1

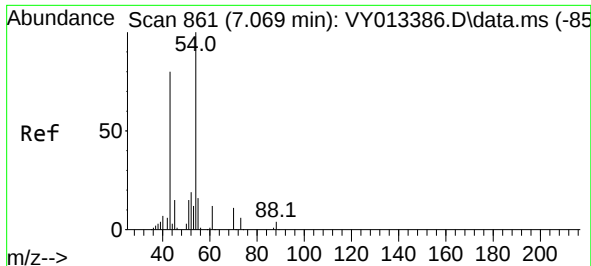


#36
1,1-Dichloropropene
Concen: 22.786 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12



Tgt Ion: 75 Resp: 83393
Ion Ratio Lower Upper
75 100
110 34.2 18.7 56.1
77 31.3 24.6 37.0

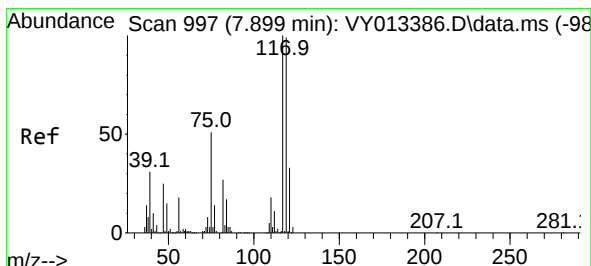
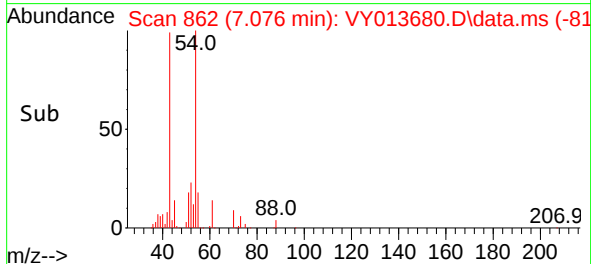
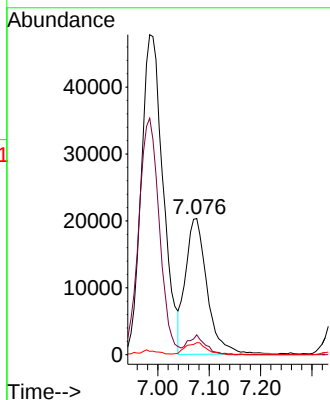
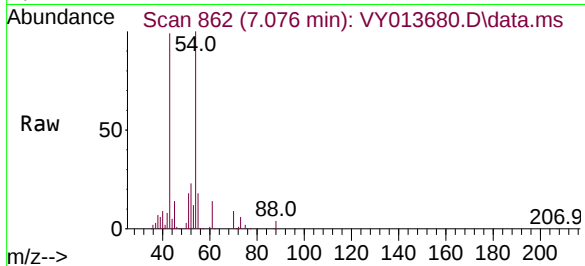




#37
Ethyl Acetate
Concen: 21.475 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.007 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

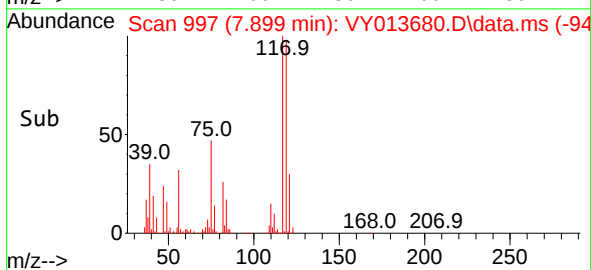
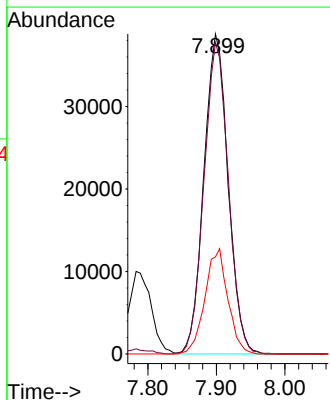
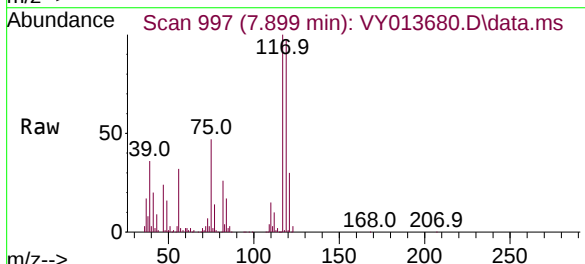
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

Tgt Ion: 43 Resp: 59147
Ion Ratio Lower Upper
43 100
61 11.9 11.4 17.0
70 8.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 24.897 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 117 Resp: 95503
Ion Ratio Lower Upper
117 100
119 97.3 79.0 118.6
121 30.4 26.6 40.0





#39

Methylcyclohexane

Concen: 21.710 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

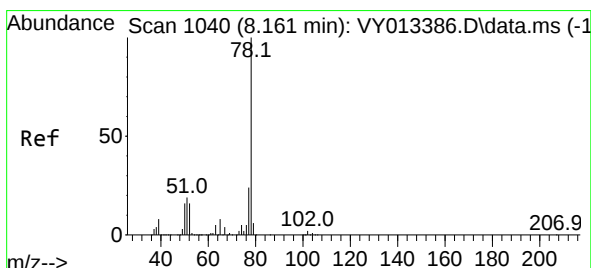
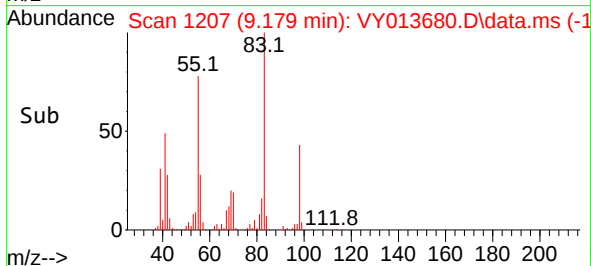
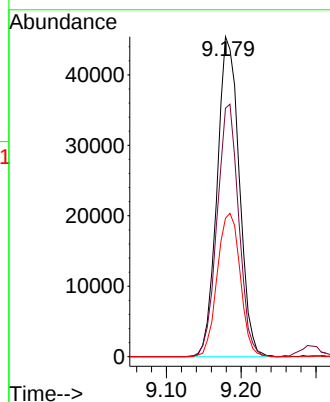
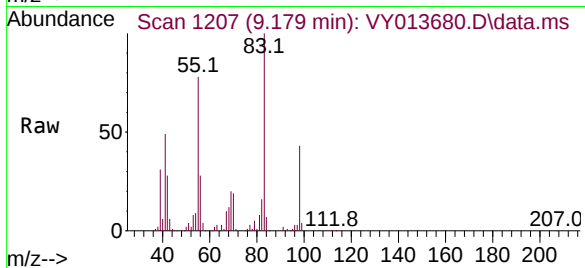
Tgt Ion: 83 Resp: 93669

Ion Ratio Lower Upper

83 100

55 77.6 59.0 88.4

98 43.3 37.0 55.4



#40

Benzene

Concen: 23.277 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013680.D

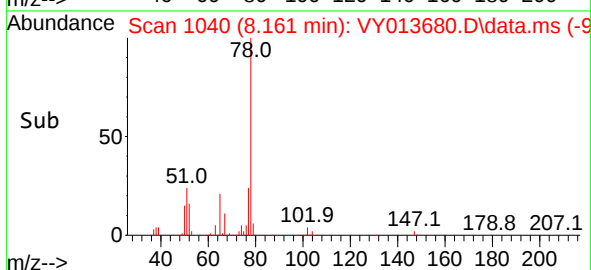
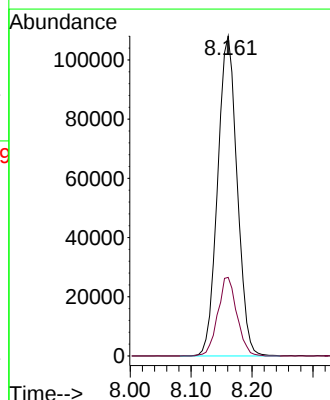
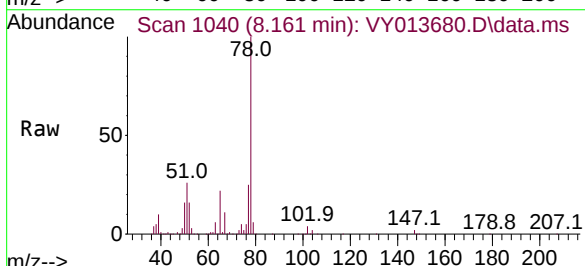
Acq: 10 May 2023 12:12

Tgt Ion: 78 Resp: 239972

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8

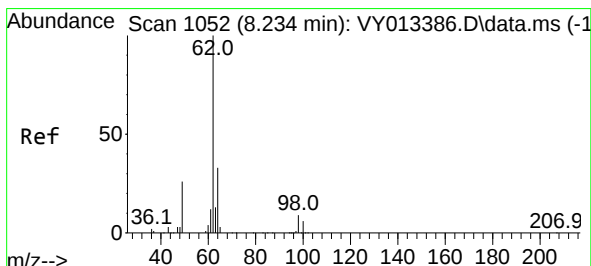
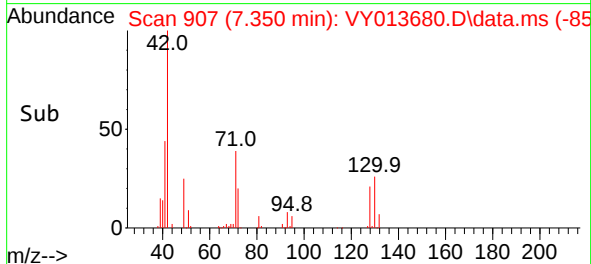
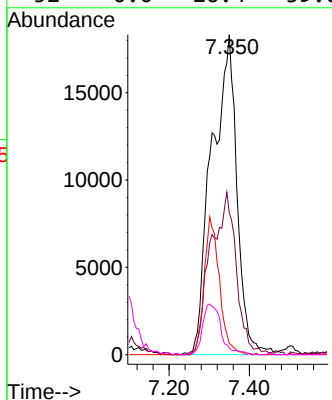
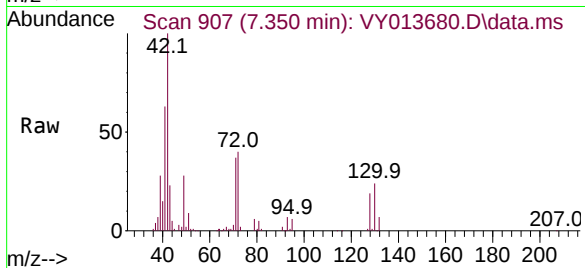




#41
Methacrylonitrile
Concen: 62.163 ug/l
RT: 7.350 min Scan# 900
Delta R.T. 0.043 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

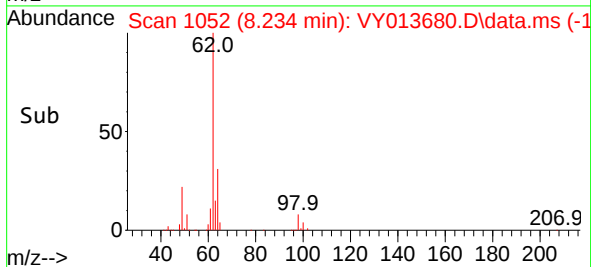
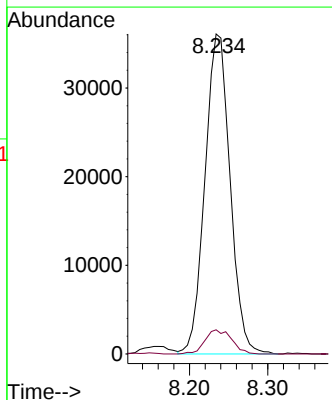
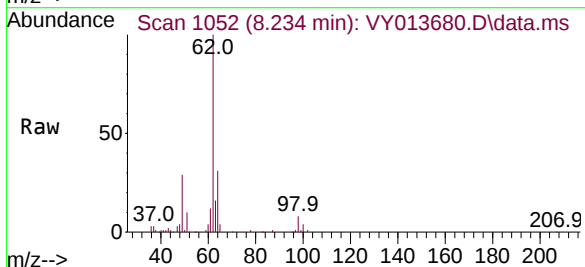
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

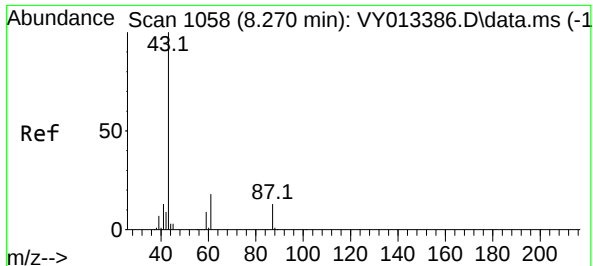
Tgt Ion: 41 Resp: 79781
Ion Ratio Lower Upper
41 100
39 51.8 44.2 66.4
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 23.892 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 62 Resp: 80527
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.8





#43

Isopropyl Acetate

Concen: 21.213 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

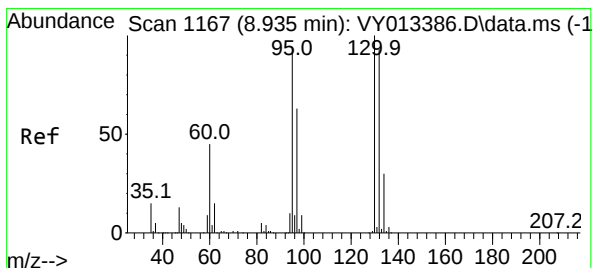
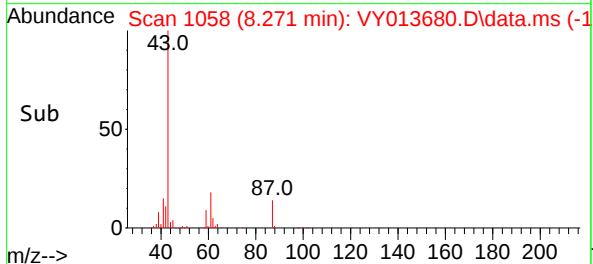
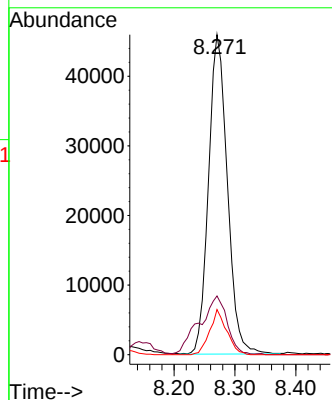
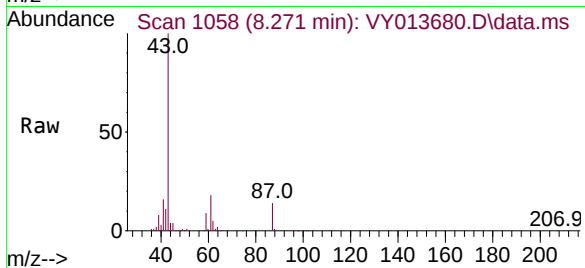
Tgt Ion: 43 Resp: 98615

Ion Ratio Lower Upper

43 100

61 26.6 22.2 33.4

87 12.7 11.0 16.6



#44

Trichloroethene

Concen: 23.316 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013680.D

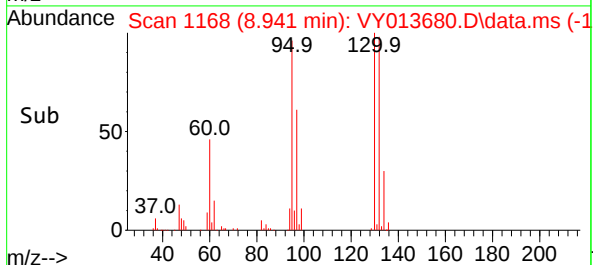
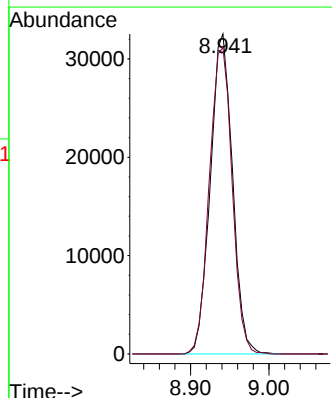
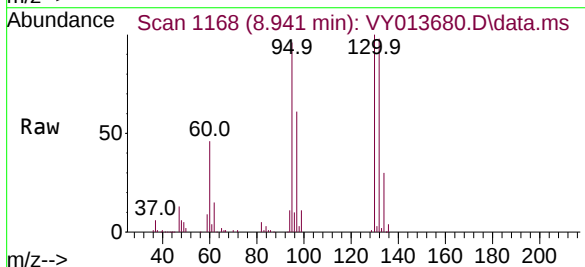
Acq: 10 May 2023 12:12

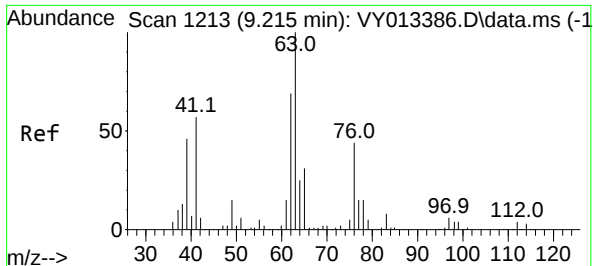
Tgt Ion:130 Resp: 63940

Ion Ratio Lower Upper

130 100

95 95.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 22.686 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

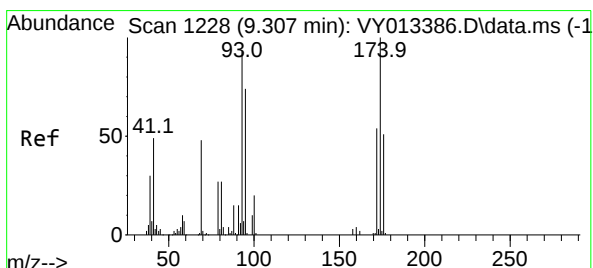
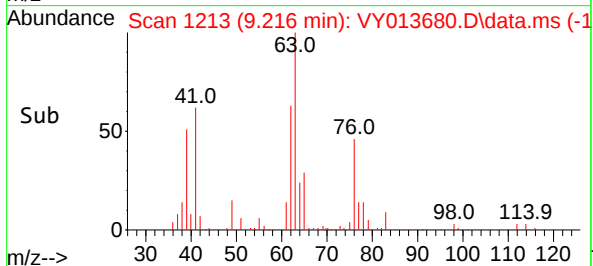
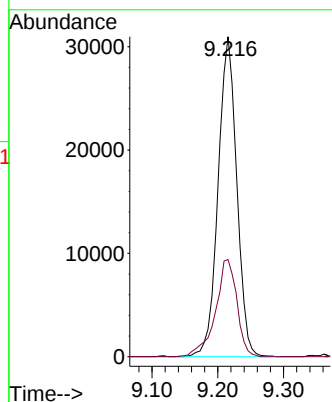
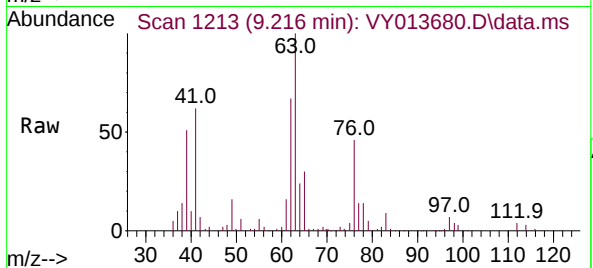
VY0510SBS01

Tgt Ion: 63 Resp: 61152

Ion Ratio Lower Upper

63 100

65 30.3 24.6 37.0



#46

Dibromomethane

Concen: 22.957 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

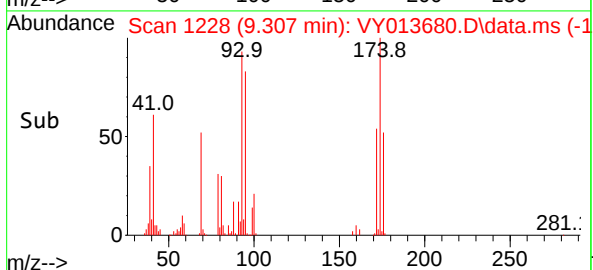
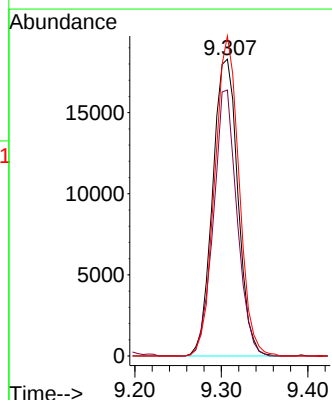
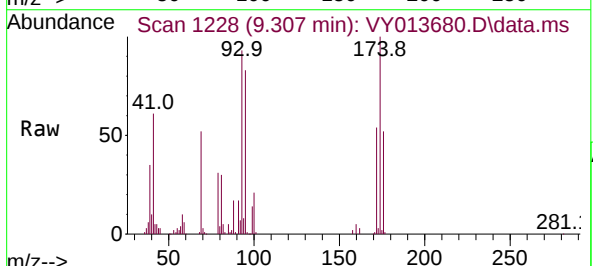
Tgt Ion: 93 Resp: 37026

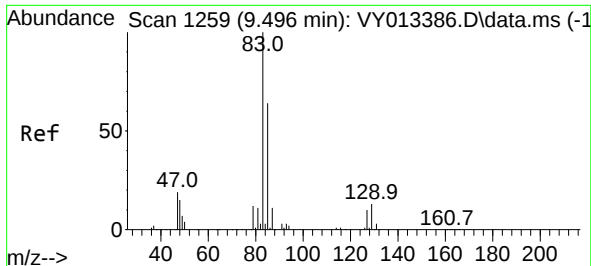
Ion Ratio Lower Upper

93 100

95 83.8 67.1 100.7

174 103.8 87.0 130.4





#47

Bromodichloromethane

Concen: 23.816 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

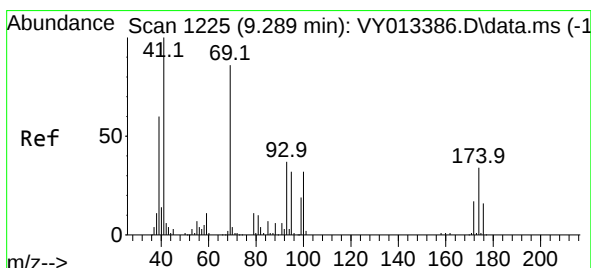
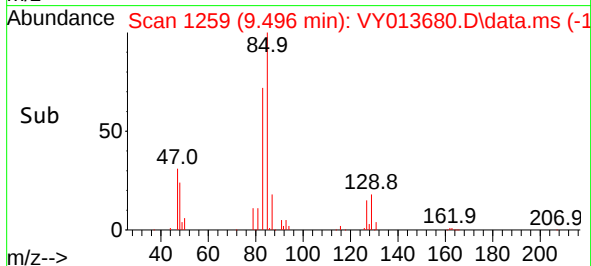
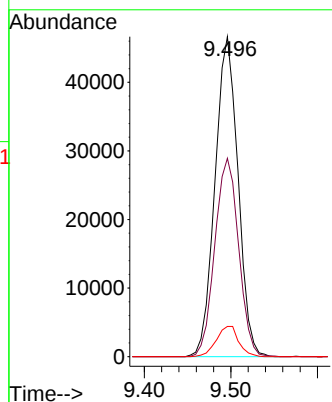
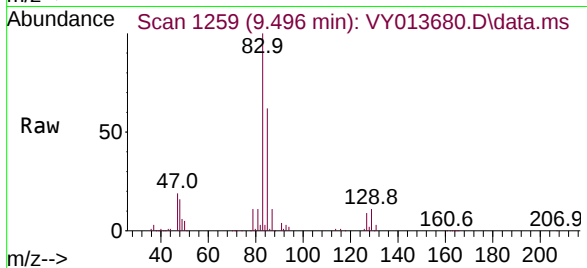
Tgt Ion: 83 Resp: 85951

Ion Ratio Lower Upper

83 100

85 62.0 51.4 77.2

127 9.4 8.1 12.1



#48

Methyl methacrylate

Concen: 21.817 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

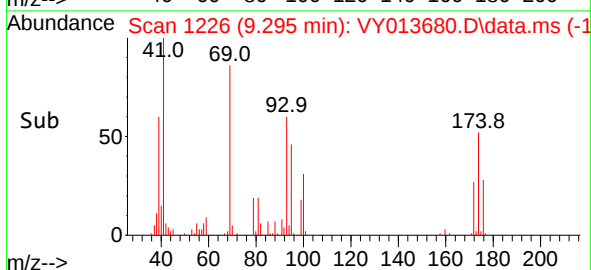
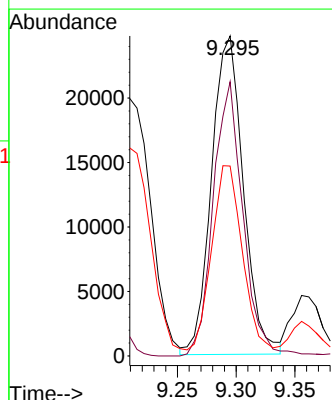
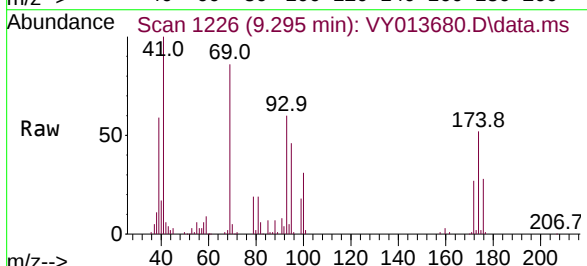
Tgt Ion: 41 Resp: 46579

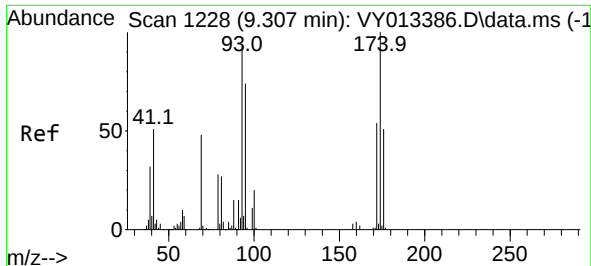
Ion Ratio Lower Upper

41 100

69 80.7 70.2 105.4

39 55.5 47.9 71.9





#49

1,4-Dioxane

Concen: 458.263 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

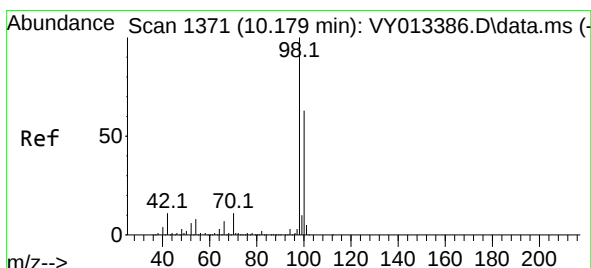
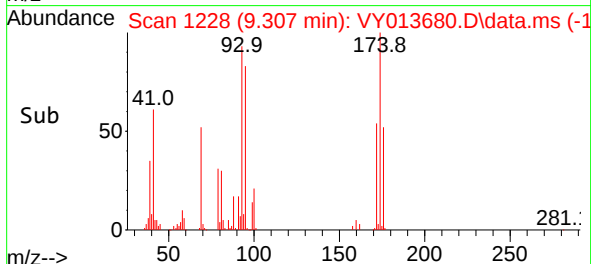
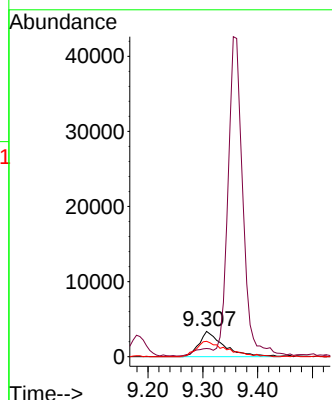
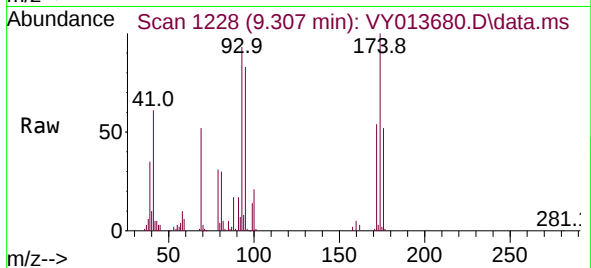
Tgt Ion: 88 Resp: 10556

Ion Ratio Lower Upper

88 100

43 23.3 16.8 25.2

58 73.7 54.3 81.5



#50

Toluene-d8

Concen: 53.032 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013680.D

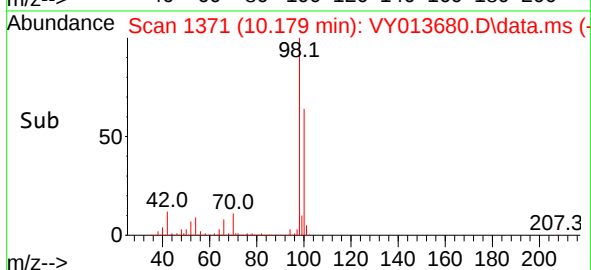
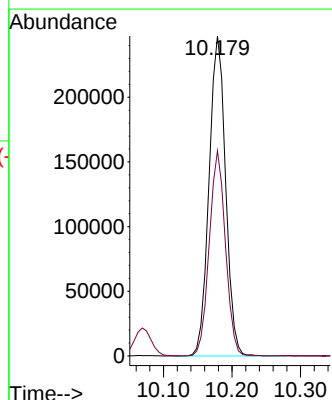
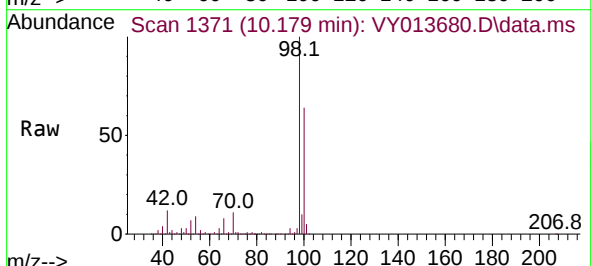
Acq: 10 May 2023 12:12

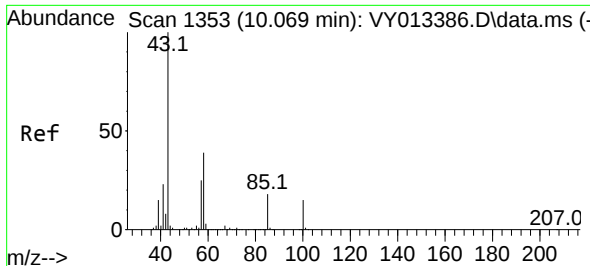
Tgt Ion: 98 Resp: 416029

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7

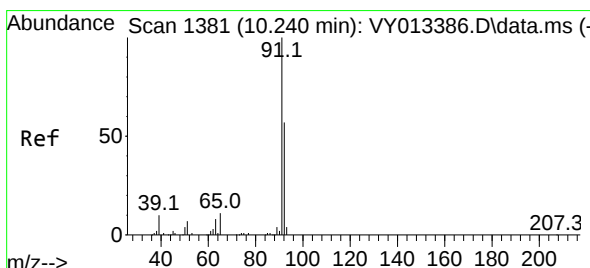
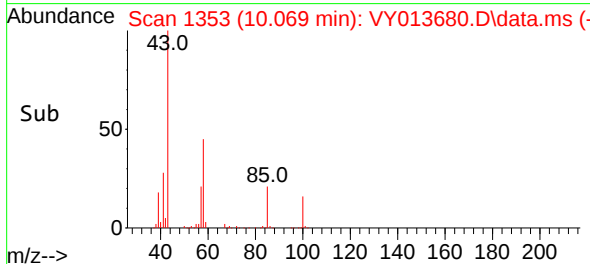
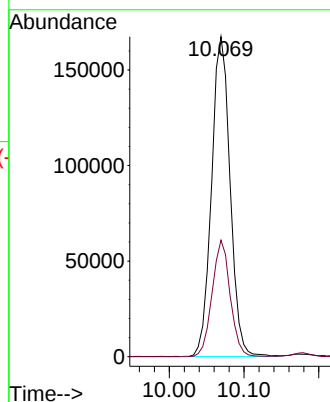
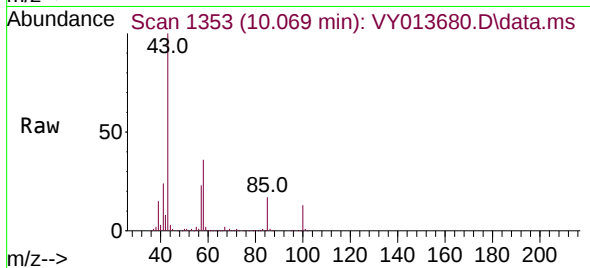




#51
4-Methyl-2-Pentanone
Concen: 111.857 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

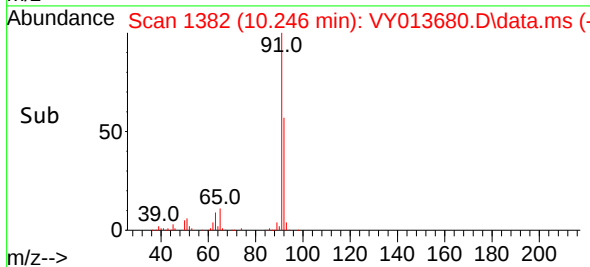
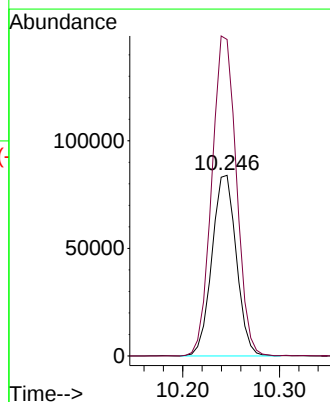
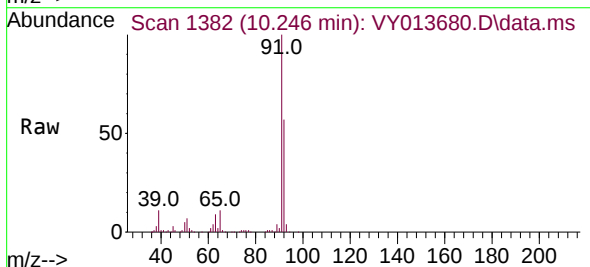
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

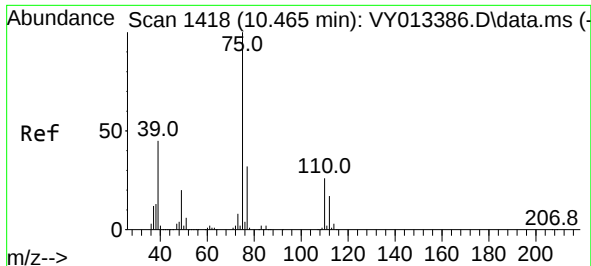
Tgt Ion: 43 Resp: 289764
Ion Ratio Lower Upper
43 100
58 35.4 30.6 46.0



#52
Toluene
Concen: 23.743 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 92 Resp: 147301
Ion Ratio Lower Upper
92 100
91 178.4 140.2 210.4

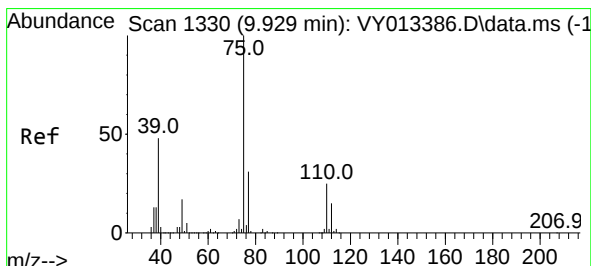
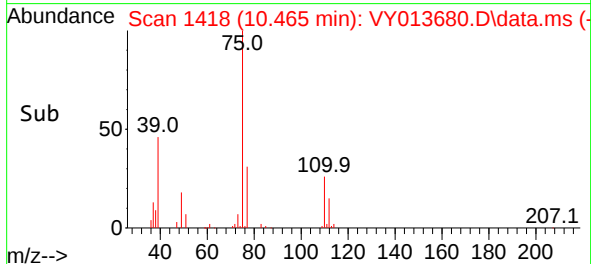
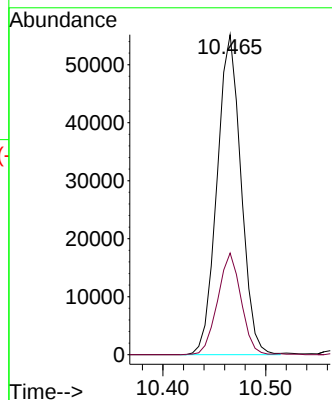
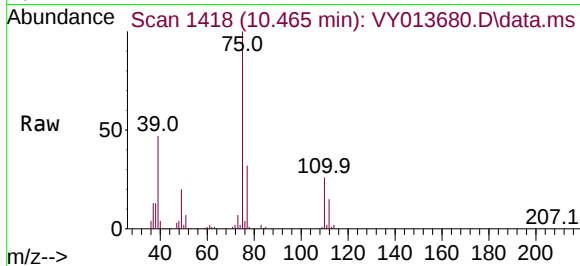




#53
t-1,3-Dichloropropene
Concen: 23.382 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

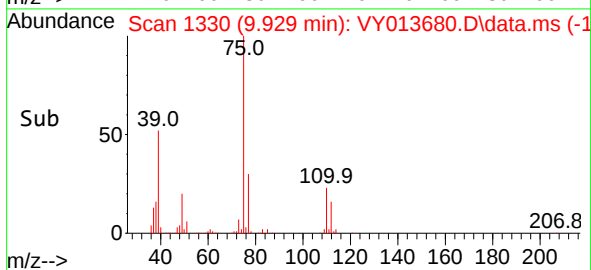
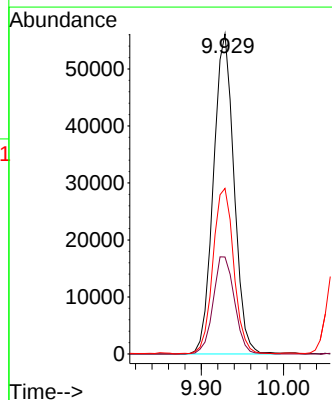
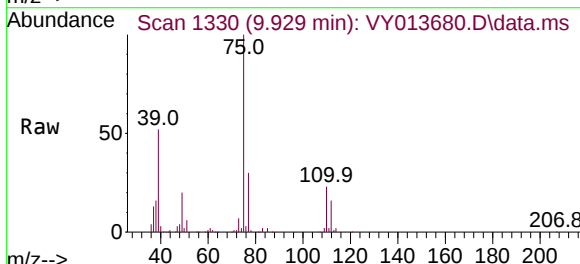
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

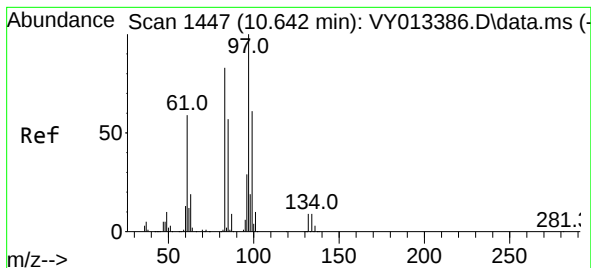
Tgt Ion: 75 Resp: 89306
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 22.705 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 75 Resp: 97582
Ion Ratio Lower Upper
75 100
77 30.3 24.8 37.2
39 51.6 38.1 57.1

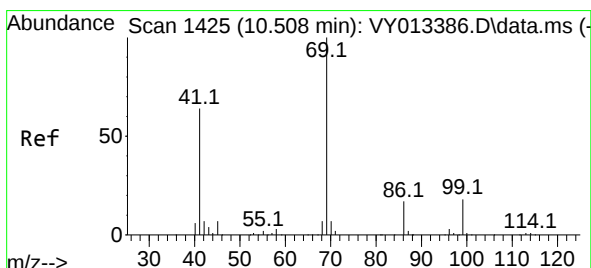
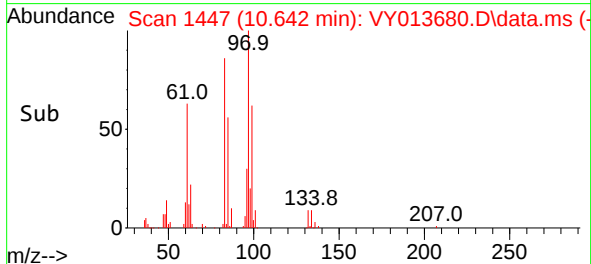
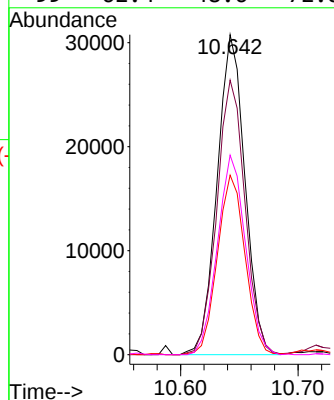
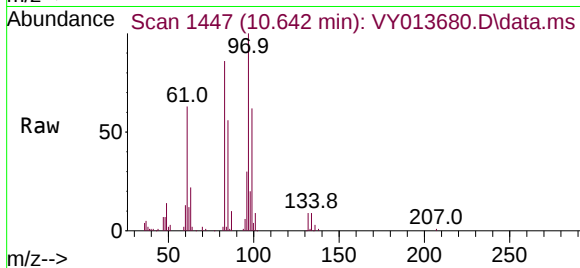




#55
1,1,2-Trichloroethane
Concen: 23.689 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

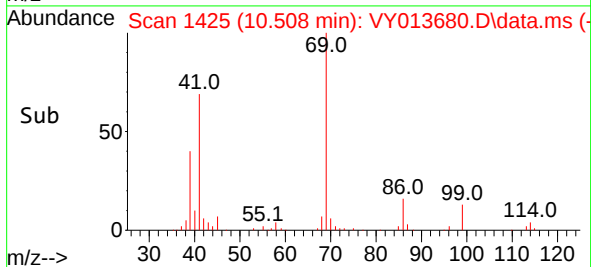
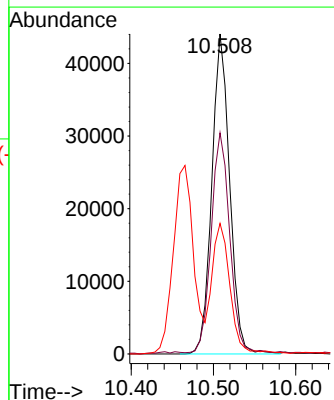
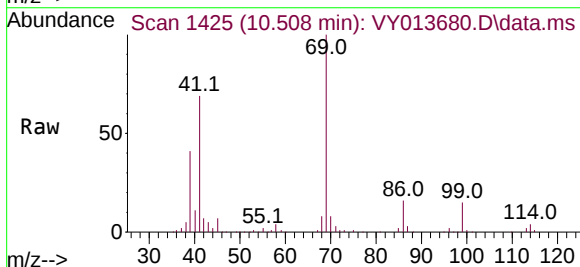
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

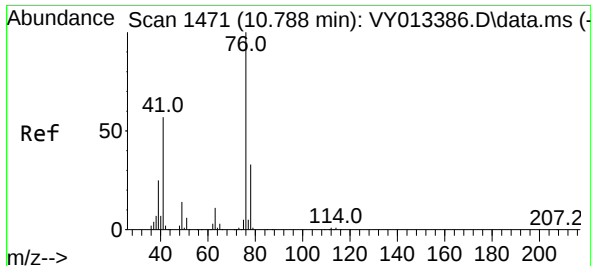
Tgt Ion: 97	Resp: 50597
Ion Ratio	Lower Upper
97 100	
83 85.8	66.4 99.6
85 56.1	45.6 68.4
99 62.4	48.6 72.8



#56
Ethyl methacrylate
Concen: 22.457 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 69	Resp: 66546
Ion Ratio	Lower Upper
69 100	
41 70.9	51.4 77.0
39 40.4	29.0 43.6





#57

1,3-Dichloropropane

Concen: 23.231 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

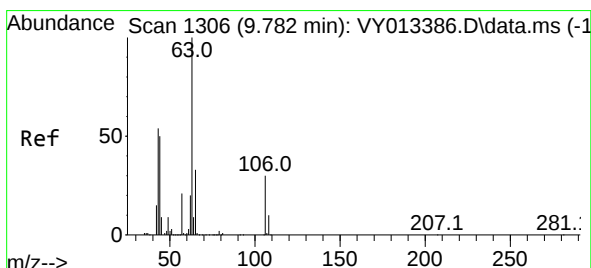
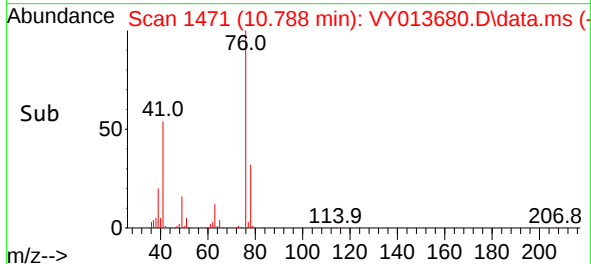
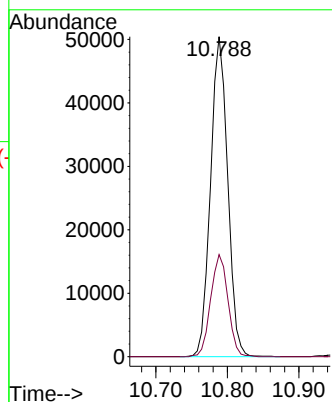
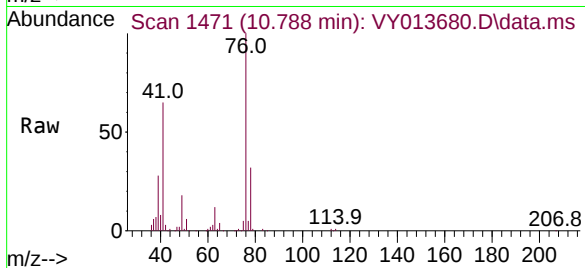
VY0510SBS01

Tgt Ion: 76 Resp: 84035

Ion Ratio Lower Upper

76 100

78 32.2 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 119.191 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013680.D

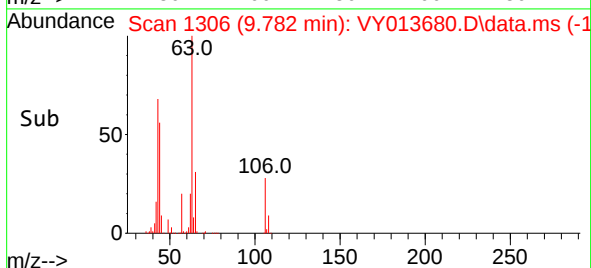
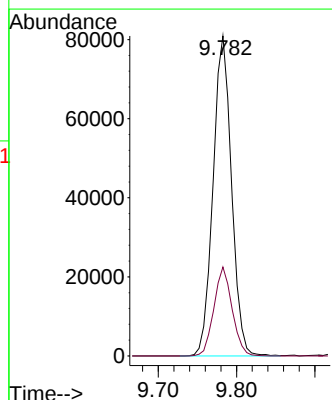
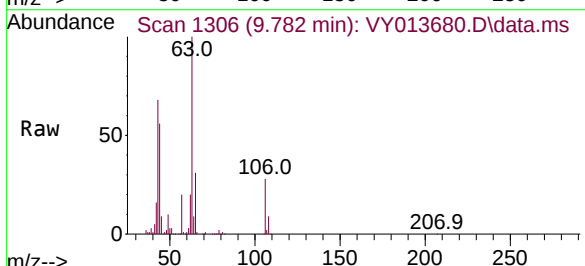
Acq: 10 May 2023 12:12

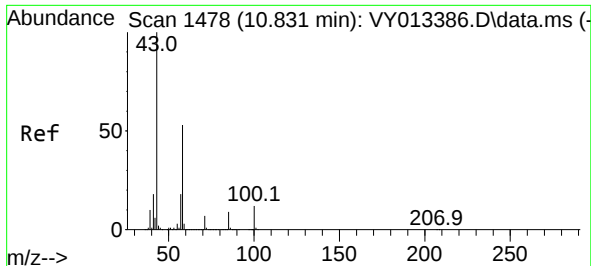
Tgt Ion: 63 Resp: 132440

Ion Ratio Lower Upper

63 100

106 27.4 23.5 35.3





#59

2-Hexanone

Concen: 114.317 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

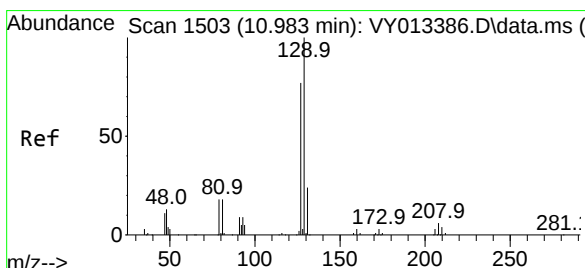
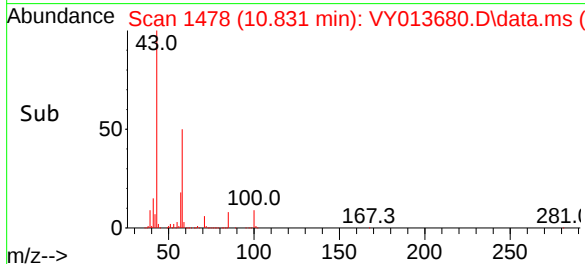
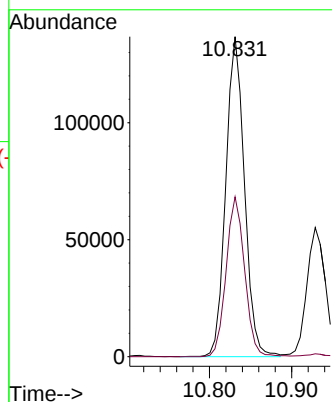
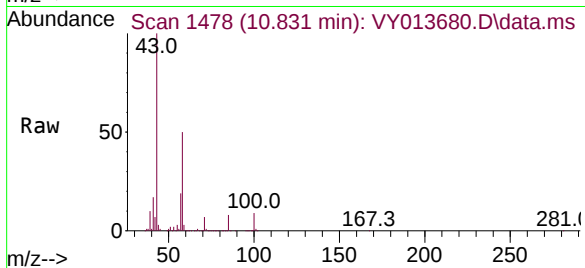
VY0510SBS01

Tgt Ion: 43 Resp: 215269

Ion Ratio Lower Upper

43 100

58 49.6 26.3 78.8



#60

Dibromochloromethane

Concen: 24.759 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013680.D

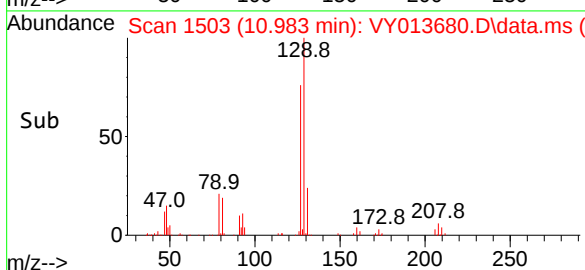
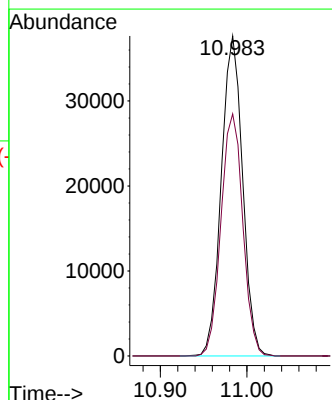
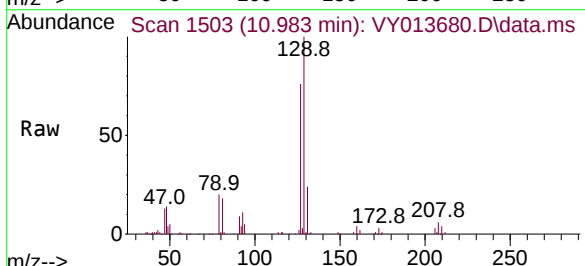
Acq: 10 May 2023 12:12

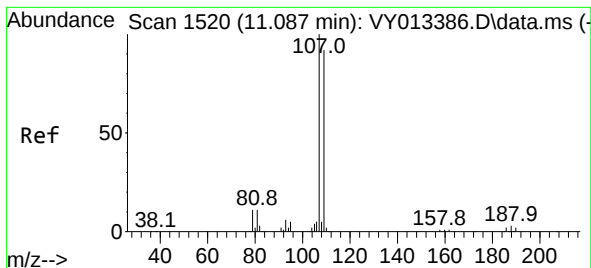
Tgt Ion: 129 Resp: 64211

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1

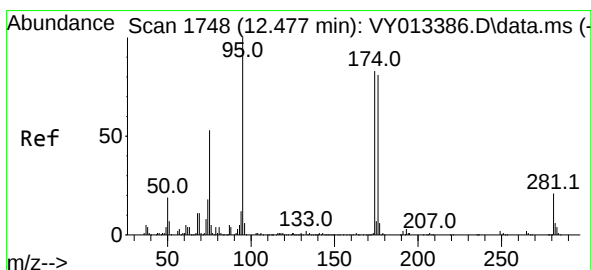
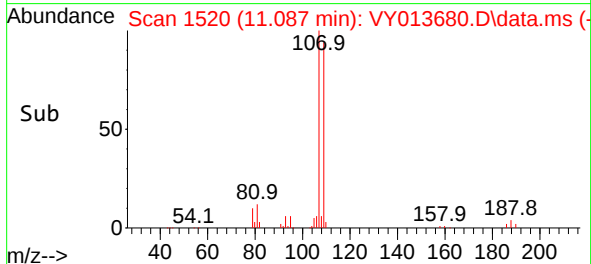
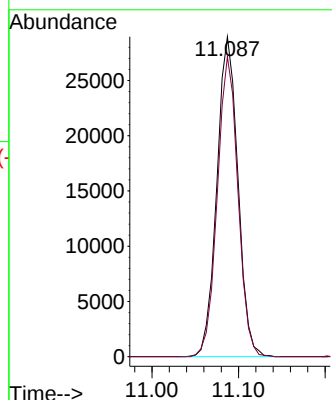
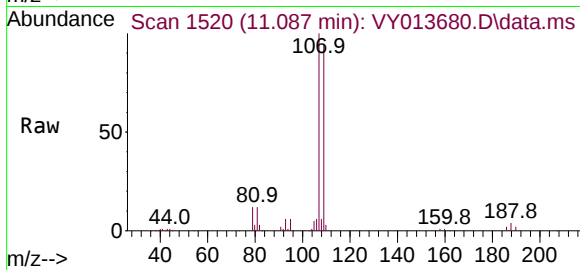




#61
1,2-Dibromoethane
Concen: 23.259 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

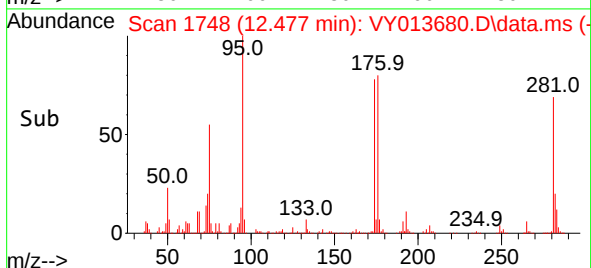
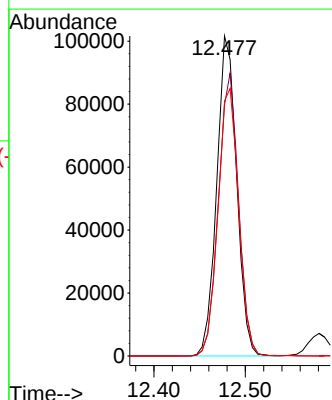
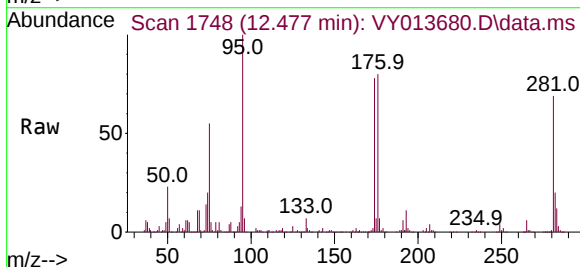
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

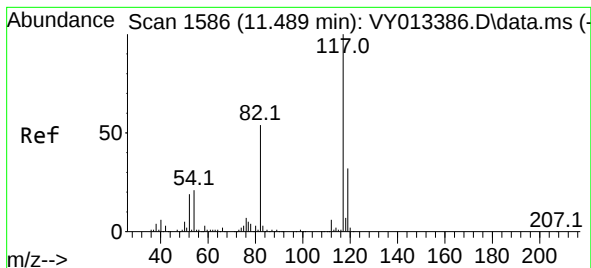
Tgt Ion:107 Resp: 48841
Ion Ratio Lower Upper
107 100
109 91.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.254 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 95 Resp: 154063
Ion Ratio Lower Upper
95 100
174 89.0 0.0 182.0
176 87.1 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: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

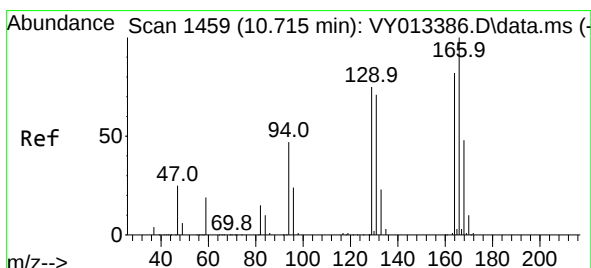
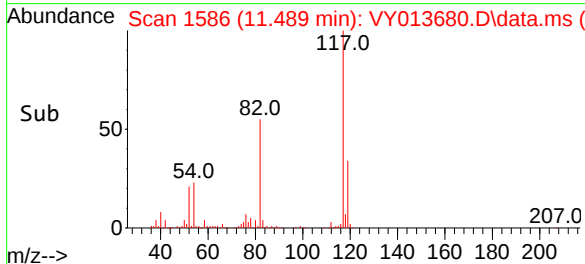
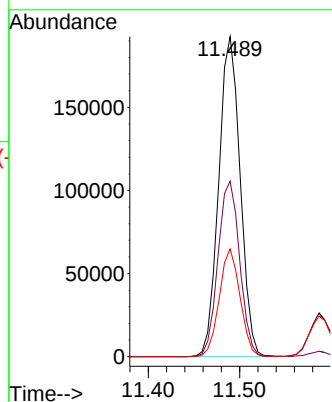
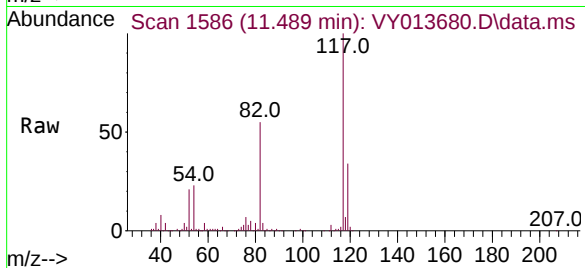
Tgt Ion:117 Resp: 314610

Ion Ratio Lower Upper

117 100

82 54.9 43.0 64.6

119 33.7 25.5 38.3



#64

Tetrachloroethene

Concen: 23.748 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Tgt Ion:164 Resp: 56813

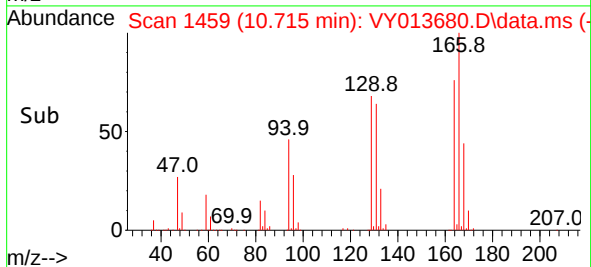
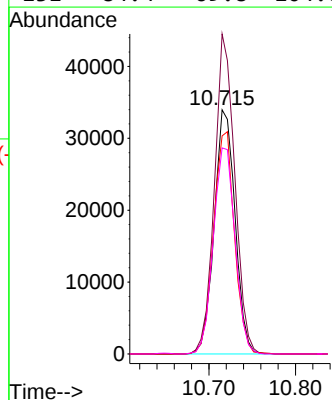
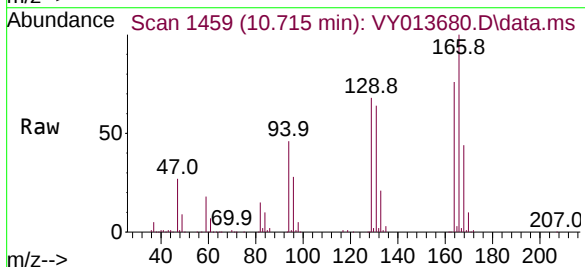
Ion Ratio Lower Upper

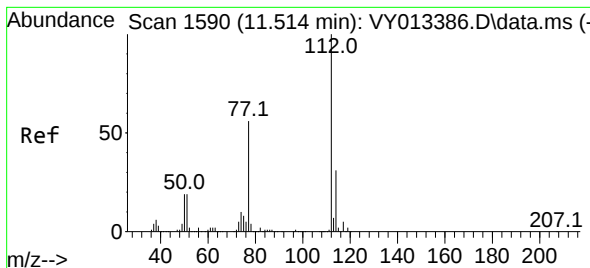
164 100

166 131.1 97.5 146.3

129 89.3 72.6 109.0

131 84.4 69.8 104.6

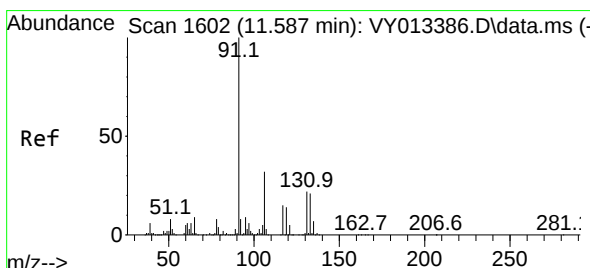
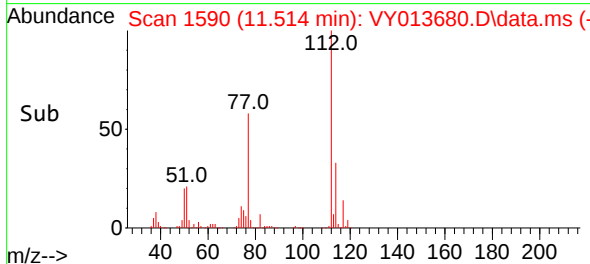
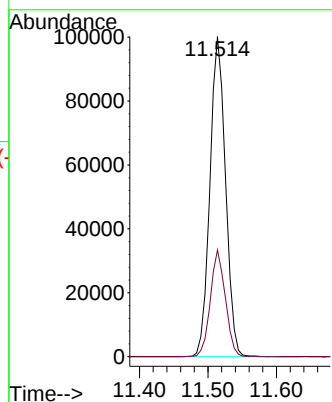
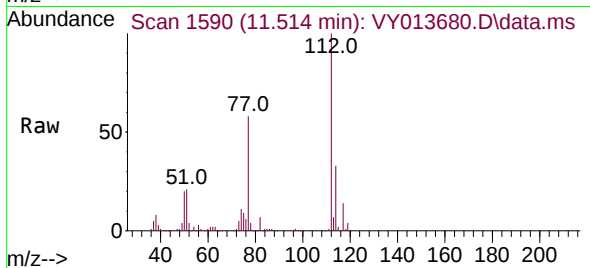




#65
Chlorobenzene
Concen: 23.112 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

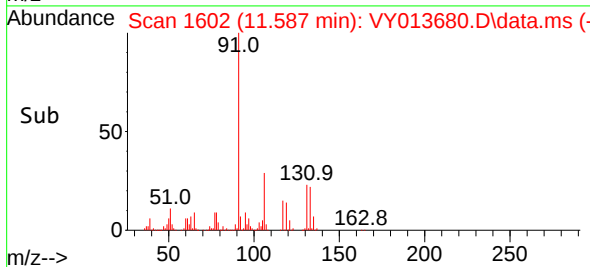
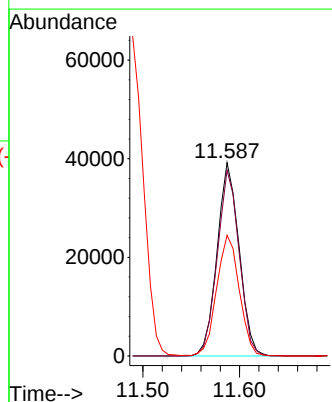
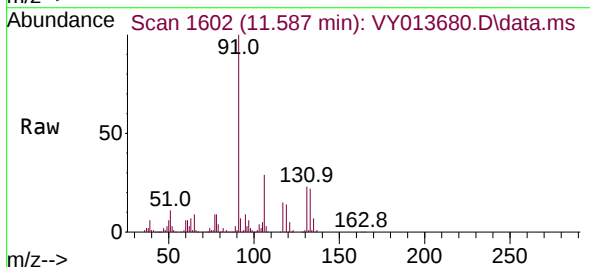
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

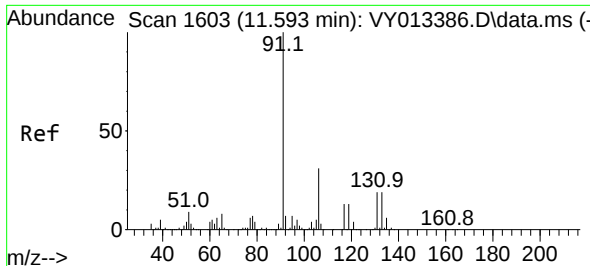
Tgt Ion:112 Resp: 158396
Ion Ratio Lower Upper
112 100
114 33.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 24.166 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion:131 Resp: 61940
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 64.3 32.6 98.0





#67

Ethyl Benzene

Concen: 23.418 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

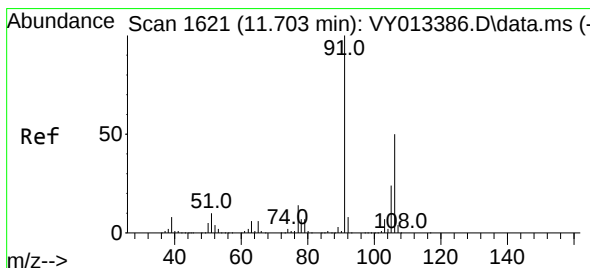
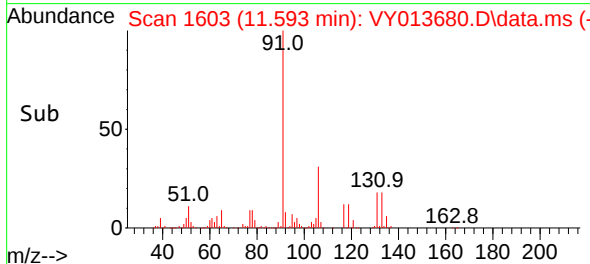
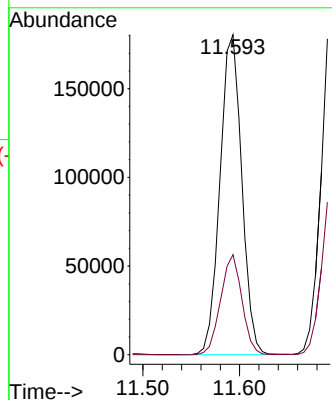
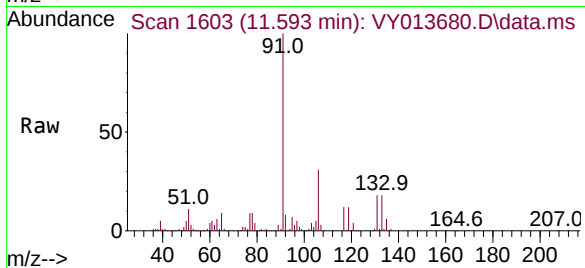
VY0510SBS01

Tgt Ion: 91 Resp: 281829

Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7



#68

m/p-Xylenes

Concen: 47.469 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013680.D

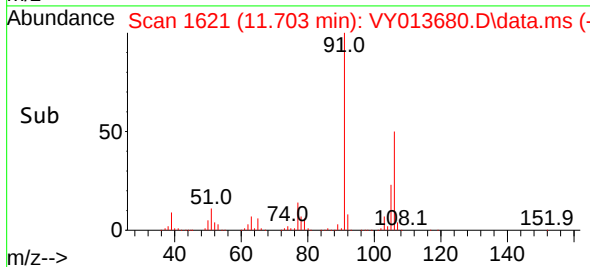
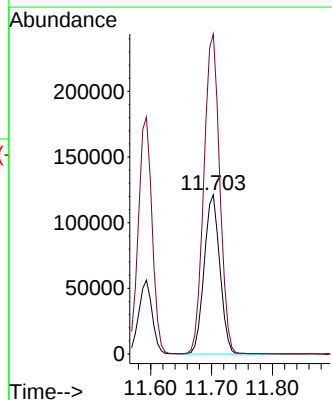
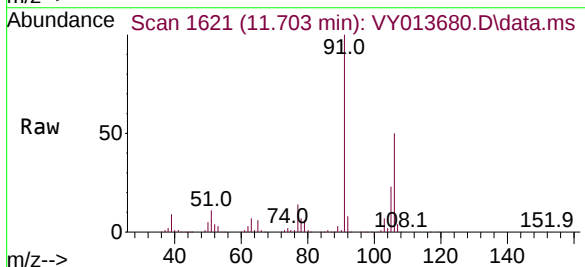
Acq: 10 May 2023 12:12

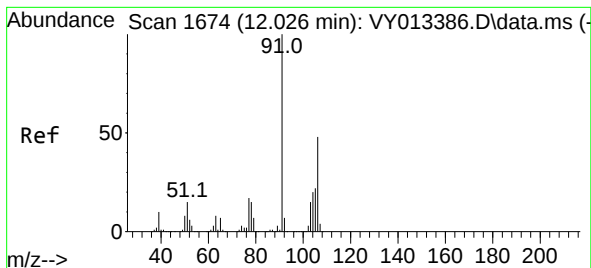
Tgt Ion: 106 Resp: 217170

Ion Ratio Lower Upper

106 100

91 203.6 160.9 241.3





#69

o-Xylene

Concen: 23.316 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

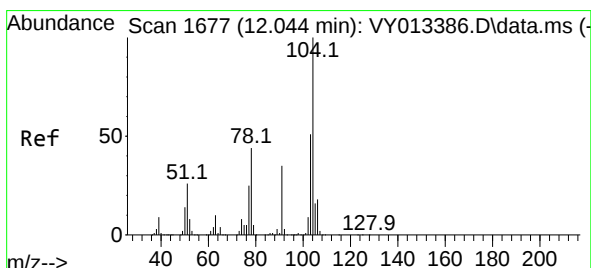
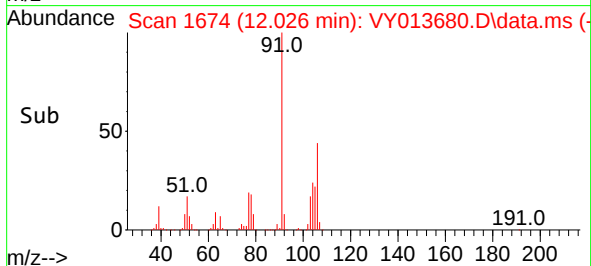
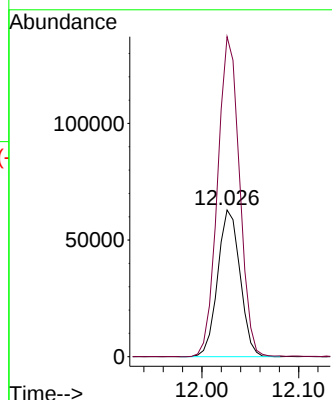
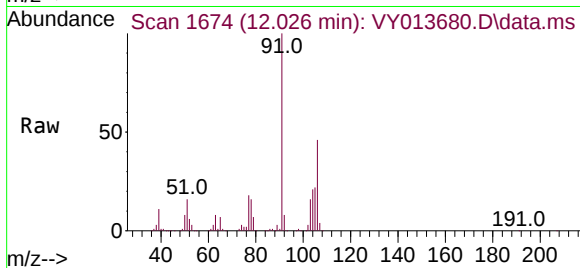
VY0510SBS01

Tgt Ion:106 Resp: 100885

Ion Ratio Lower Upper

106 100

91 214.6 105.5 316.4



#70

Styrene

Concen: 23.989 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

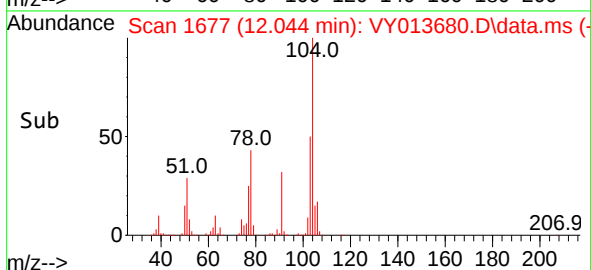
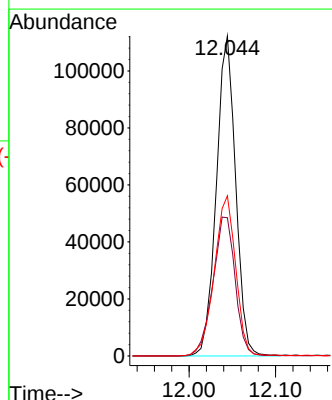
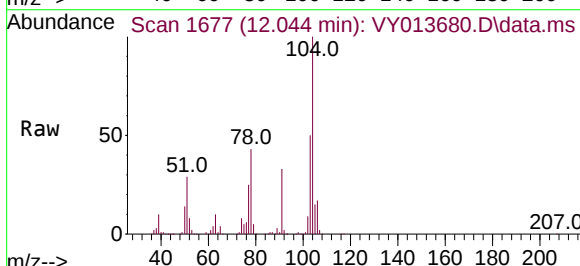
Tgt Ion:104 Resp: 173552

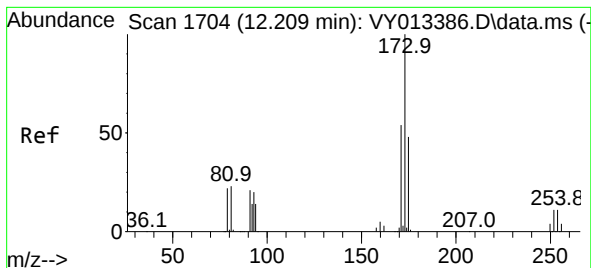
Ion Ratio Lower Upper

104 100

78 50.3 40.3 60.5

103 55.7 45.0 67.4





#71

Bromoform

Concen: 24.135 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

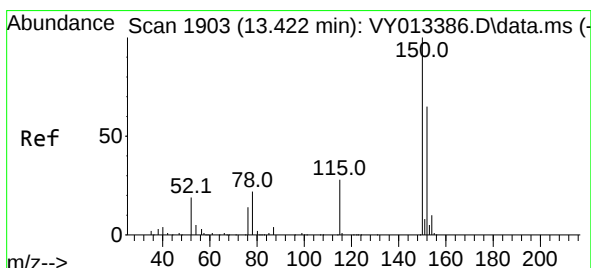
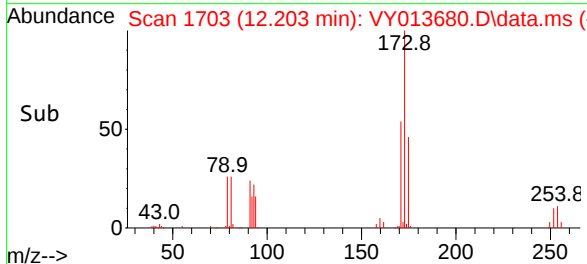
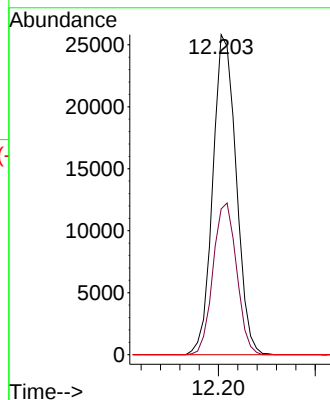
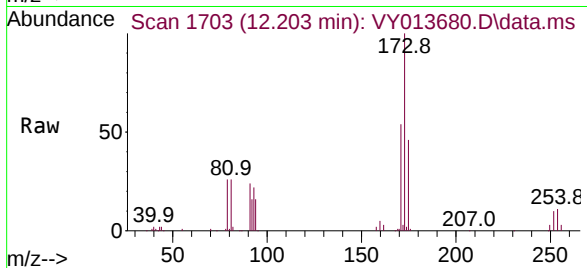
Tgt Ion:173 Resp: 43330

Ion Ratio Lower Upper

173 100

175 47.6 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

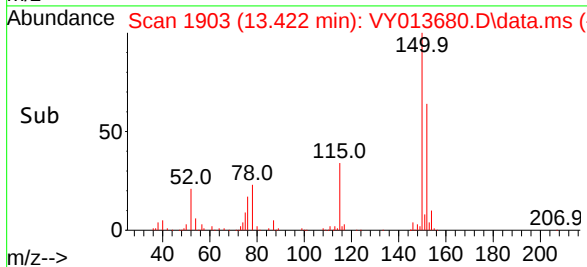
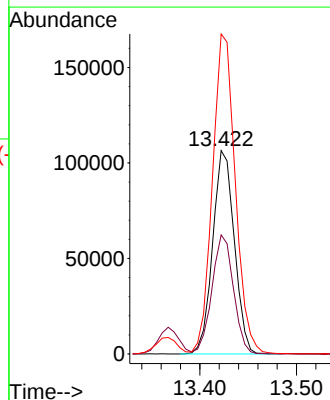
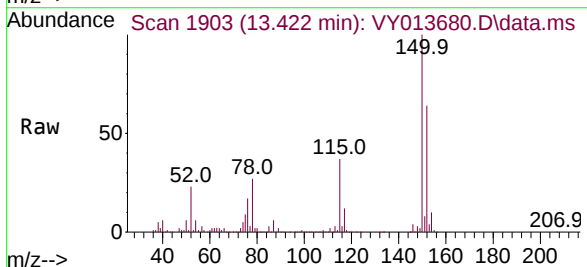
Tgt Ion:152 Resp: 165175

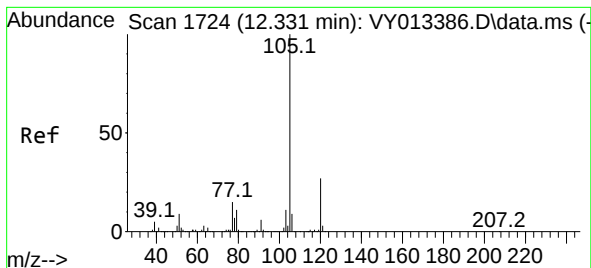
Ion Ratio Lower Upper

152 100

115 58.2 28.1 84.2

150 166.1 0.0 352.0





#73

Isopropylbenzene

Concen: 21.773 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

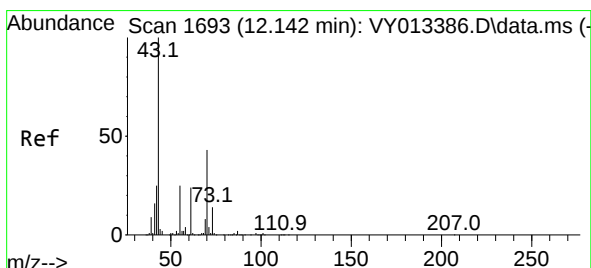
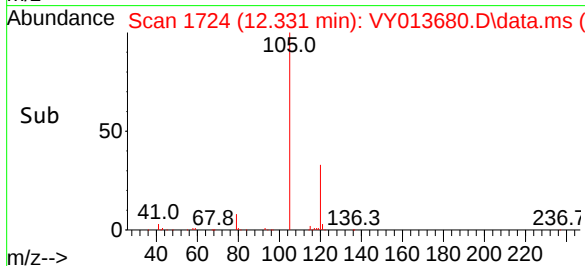
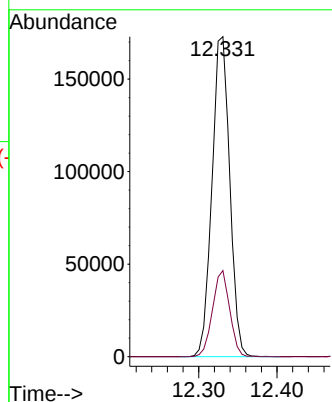
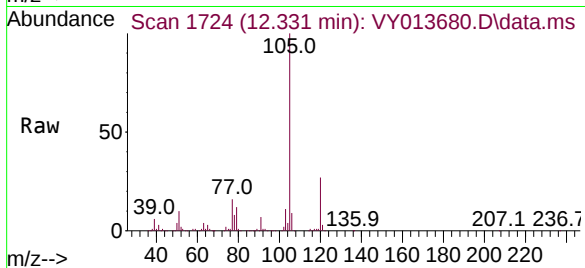
VY0510SBS01

Tgt Ion:105 Resp: 272021

Ion Ratio Lower Upper

105 100

120 26.0 13.7 41.0



#74

N-ethyl acetate

Concen: 19.362 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Tgt Ion: 43 Resp: 86082

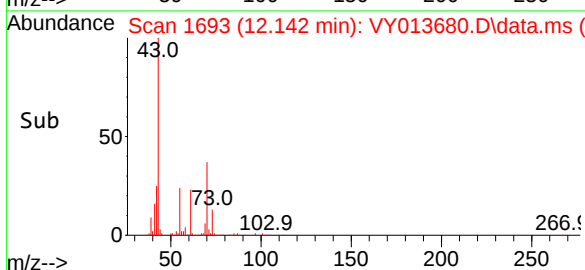
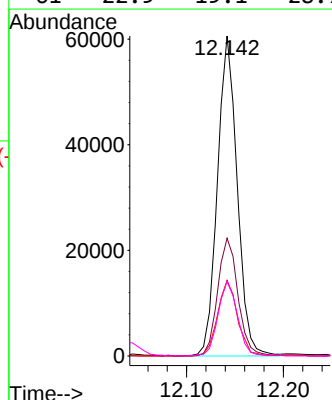
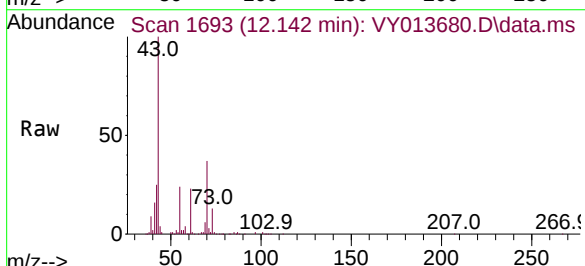
Ion Ratio Lower Upper

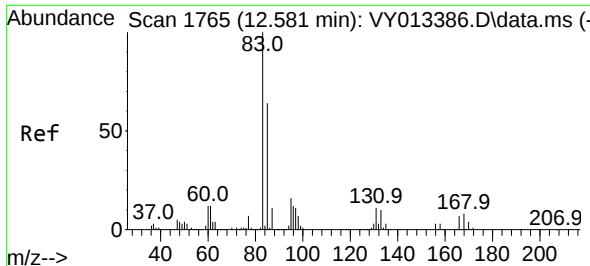
43 100

70 37.7 33.0 49.4

55 24.0 19.8 29.6

61 22.9 19.1 28.7

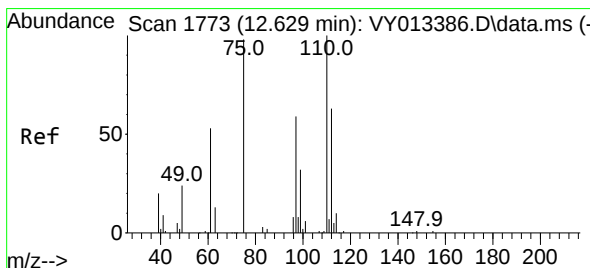
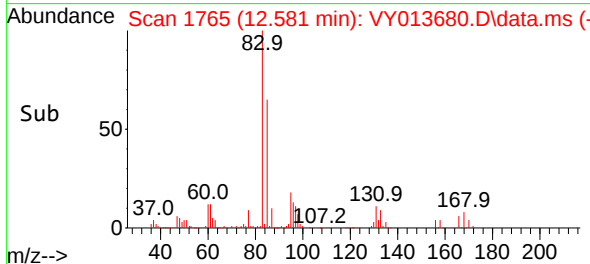
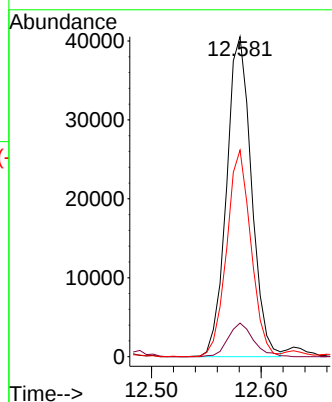
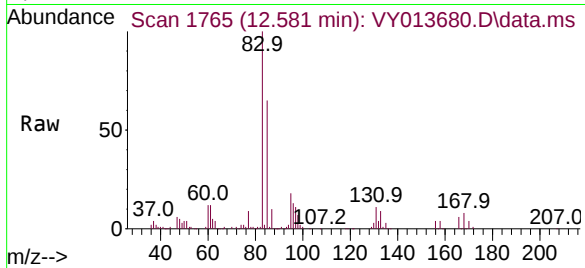




#75
1,1,2,2-Tetrachloroethane
Concen: 20.965 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

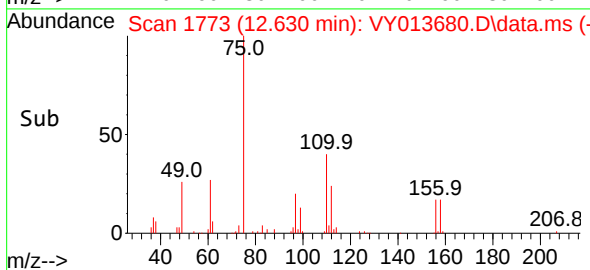
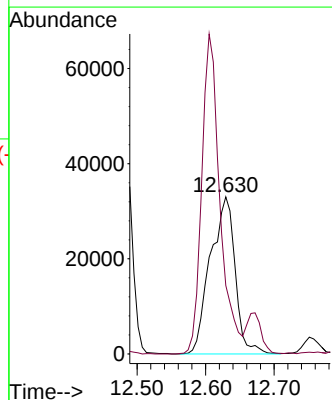
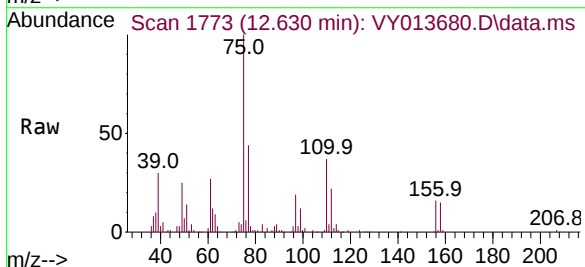
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

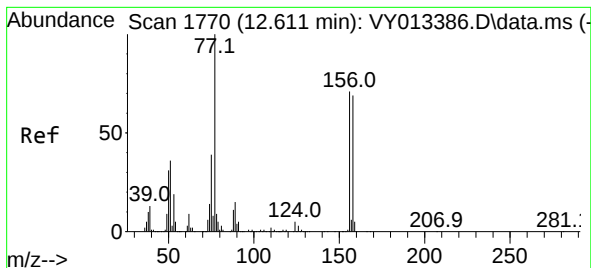
Tgt Ion: 83 Resp: 64019
Ion Ratio Lower Upper
83 100
131 10.6 5.7 17.0
85 62.9 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 37.322 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 75 Resp: 83138
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.631 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

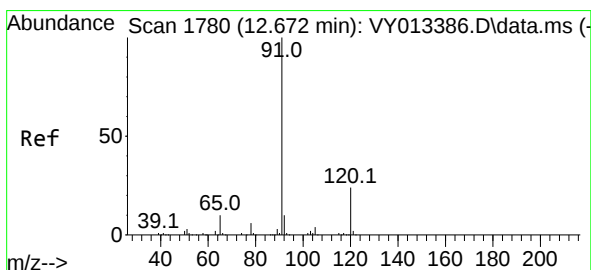
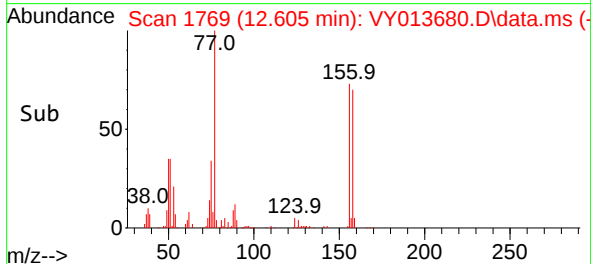
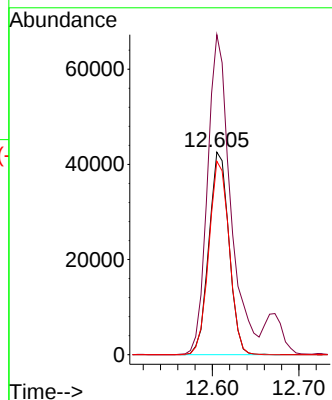
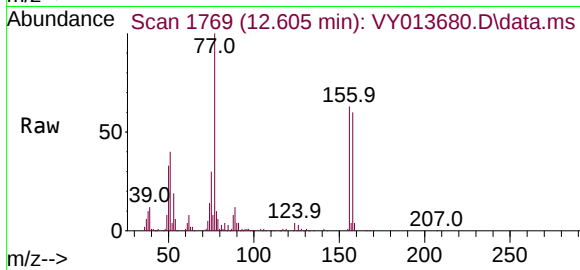
Tgt Ion:156 Resp: 68507

Ion Ratio Lower Upper

156 100

77 181.4 87.6 262.9

158 96.6 48.5 145.5



#78

n-propylbenzene

Concen: 21.916 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013680.D

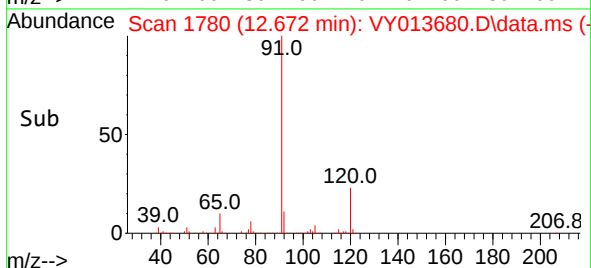
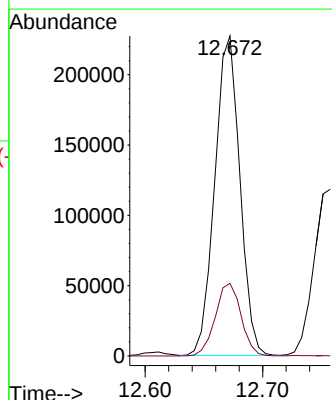
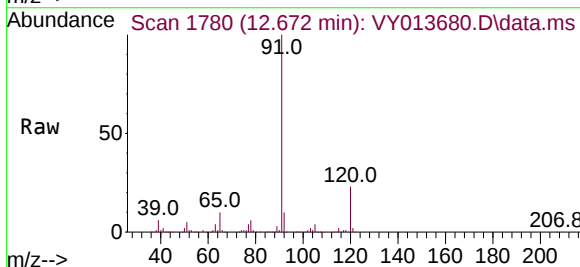
Acq: 10 May 2023 12:12

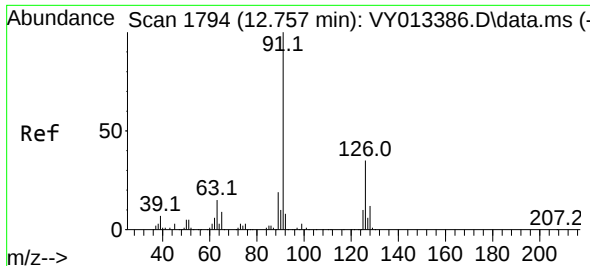
Tgt Ion: 91 Resp: 337253

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9

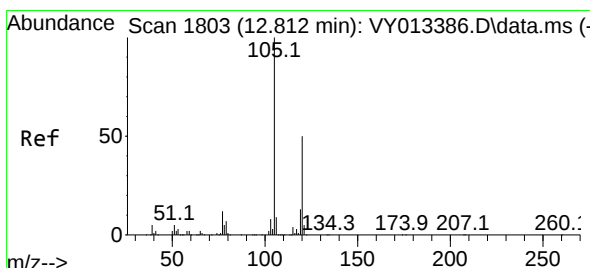
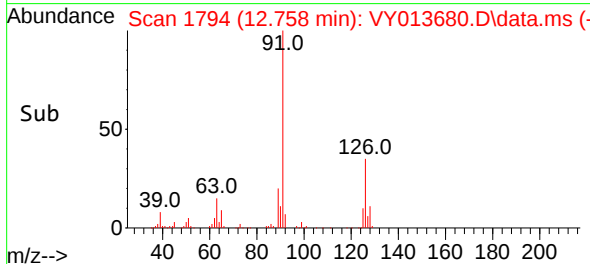
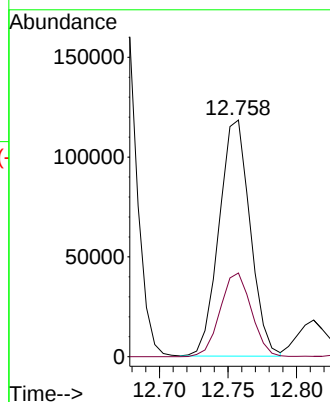
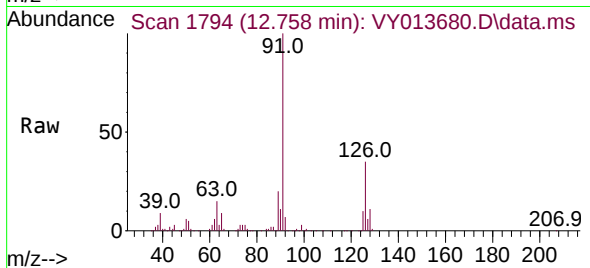




#79
2-Chlorotoluene
Concen: 21.749 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

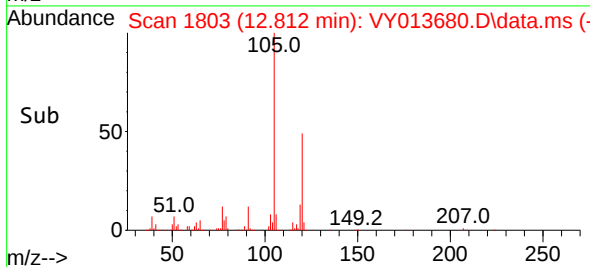
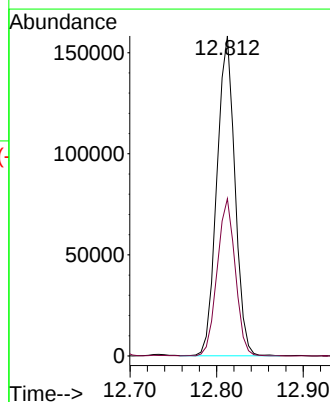
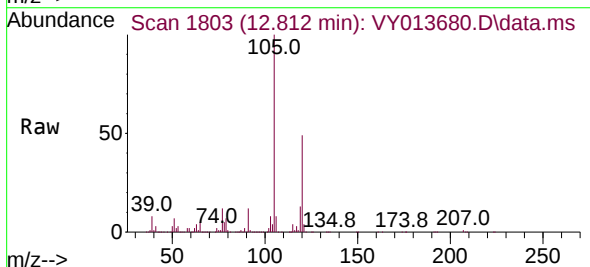
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

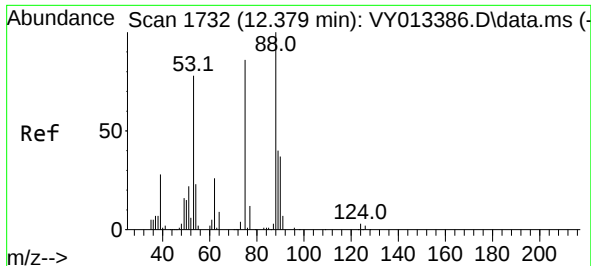
Tgt Ion: 91 Resp: 186894
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 22.432 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 105 Resp: 228733
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1

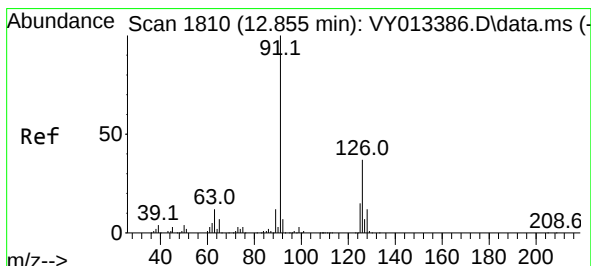
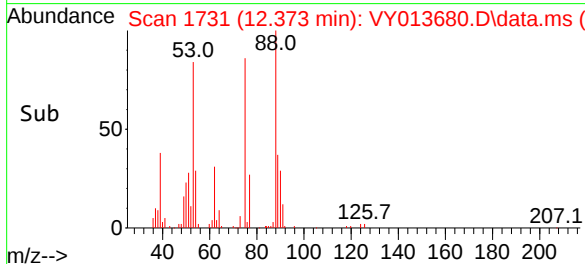
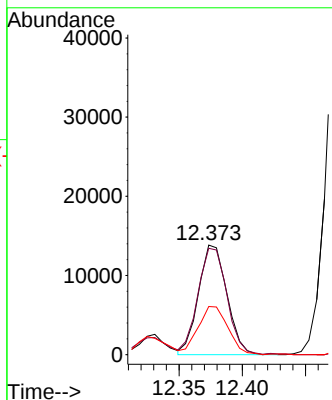
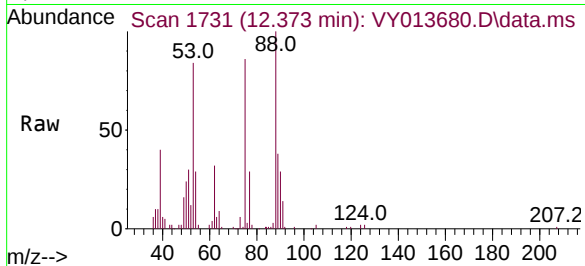




#81
trans-1,4-Dichloro-2-butene
Concen: 19.912 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

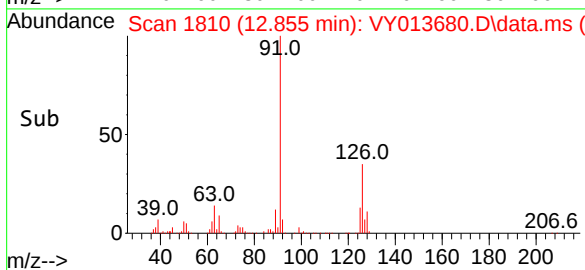
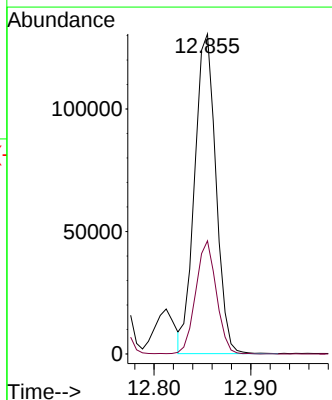
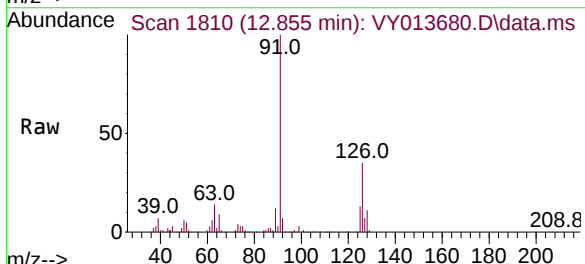
Instrument :
MSVOA_Y
ClientSampleId :
VY0510SBS01

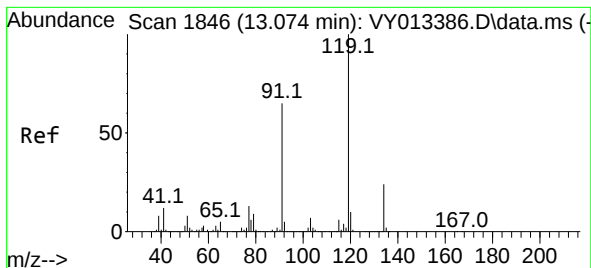
Tgt Ion: 75 Resp: 21684
Ion Ratio Lower Upper
75 100
53 99.7 73.2 109.8
89 46.3 38.0 57.0



#82
4-Chlorotoluene
Concen: 22.267 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013680.D
Acq: 10 May 2023 12:12

Tgt Ion: 91 Resp: 199436
Ion Ratio Lower Upper
91 100
126 34.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 22.198 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

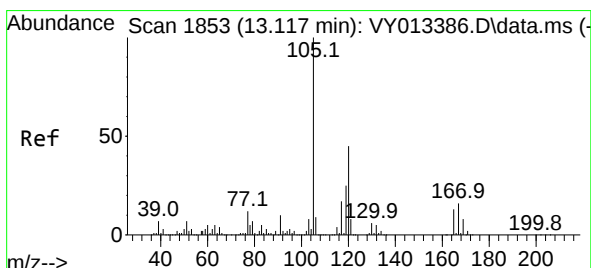
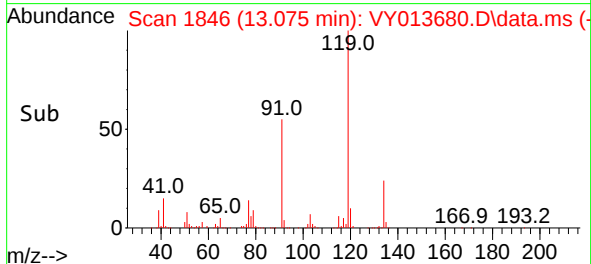
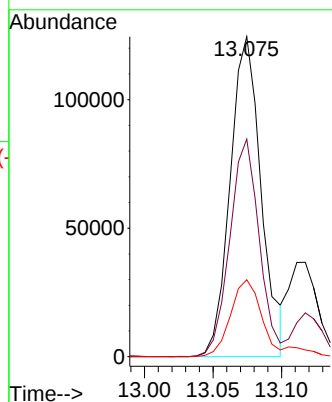
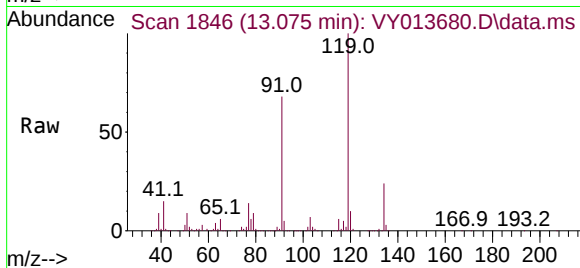
Tgt Ion:119 Resp: 196100

Ion Ratio Lower Upper

119 100

91 64.6 32.2 96.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.597 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013680.D

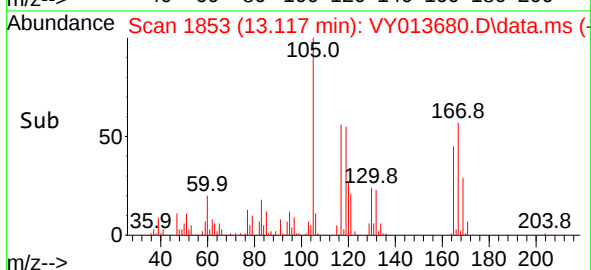
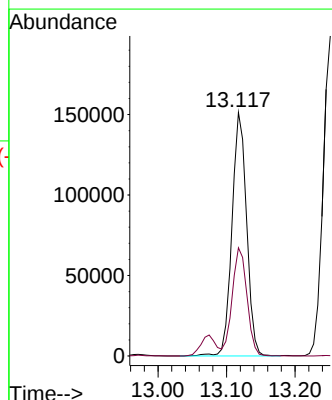
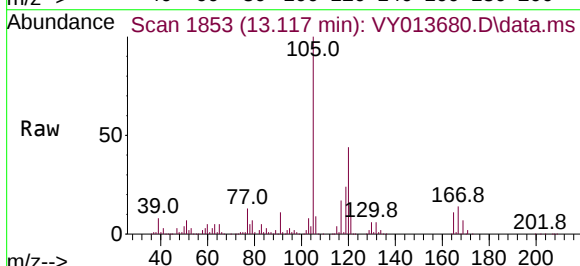
Acq: 10 May 2023 12:12

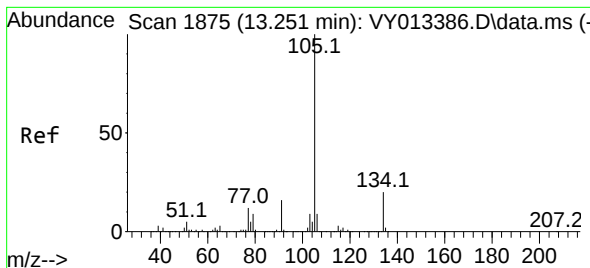
Tgt Ion:105 Resp: 224026

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.354 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

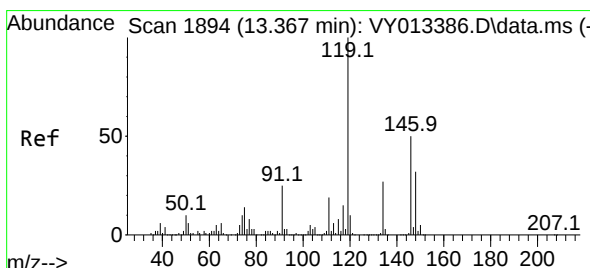
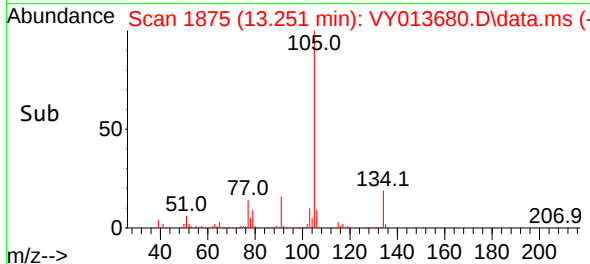
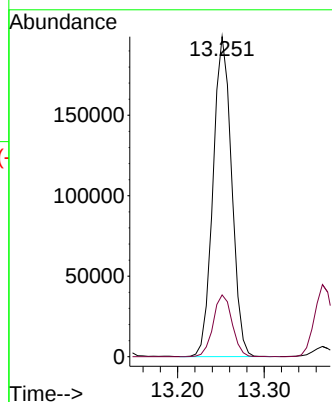
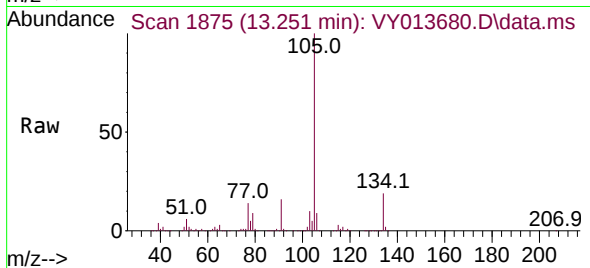
VY0510SBS01

Tgt Ion:105 Resp: 296381

Ion Ratio Lower Upper

105 100

134 19.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 22.220 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

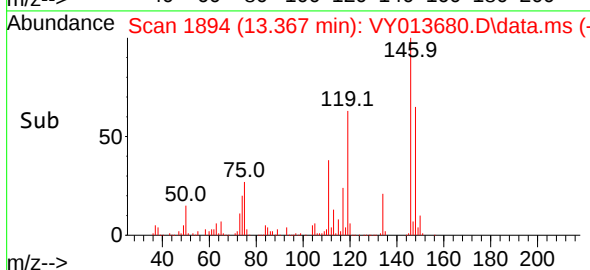
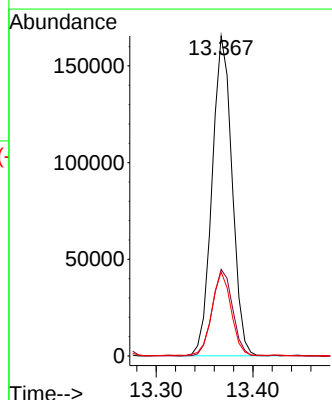
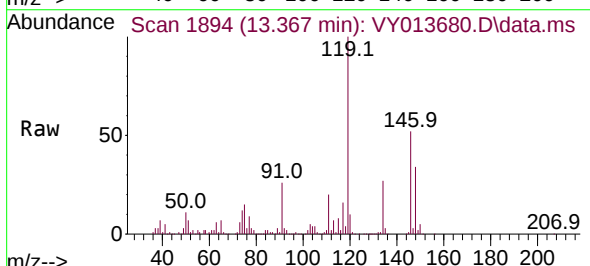
Tgt Ion:119 Resp: 236911

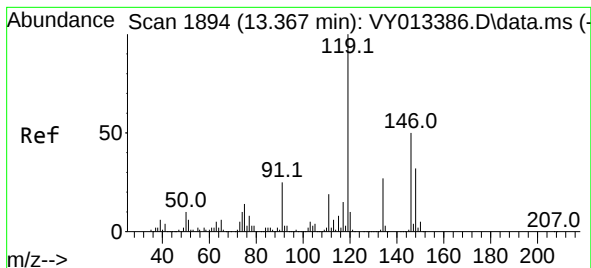
Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.2

91 25.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 22.792 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

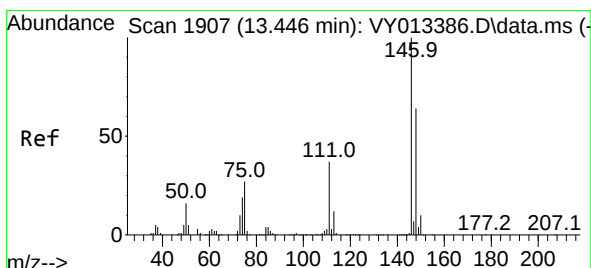
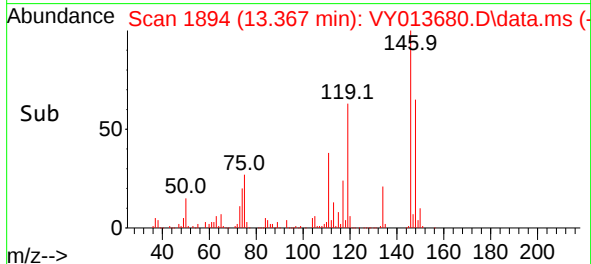
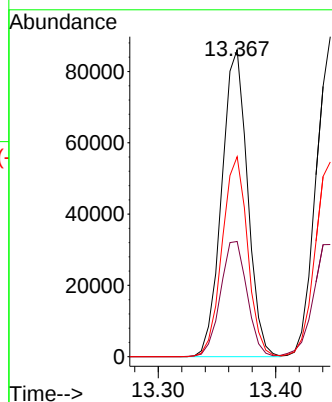
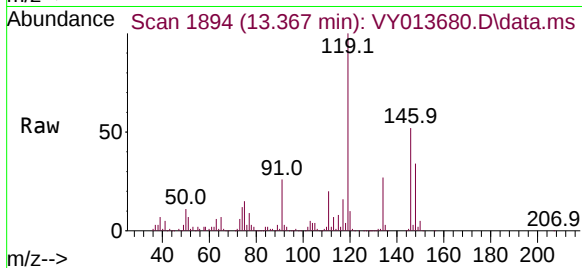
Tgt Ion:146 Resp: 131449

Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.9

148 64.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 22.520 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

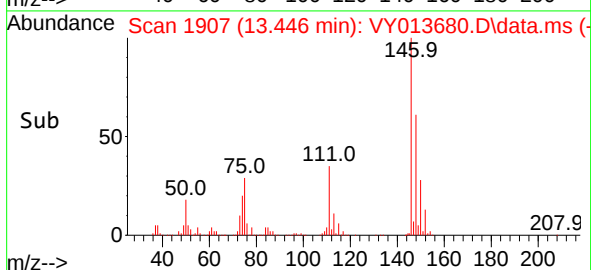
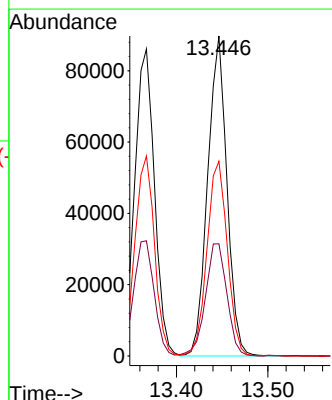
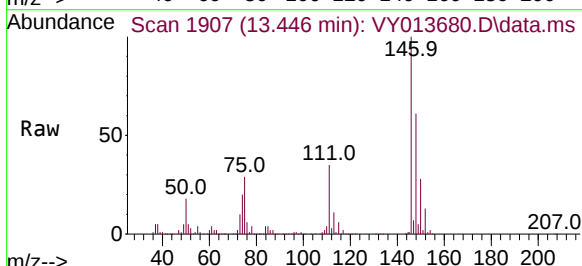
Tgt Ion:146 Resp: 131199

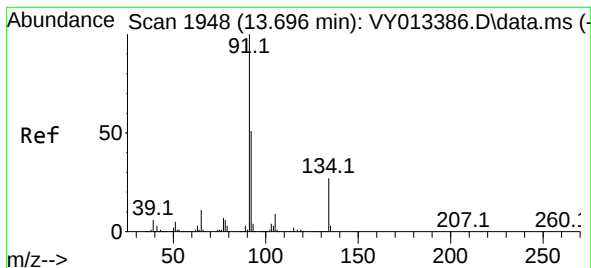
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.5

148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 21.777 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

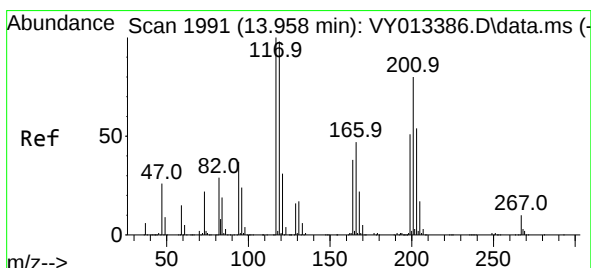
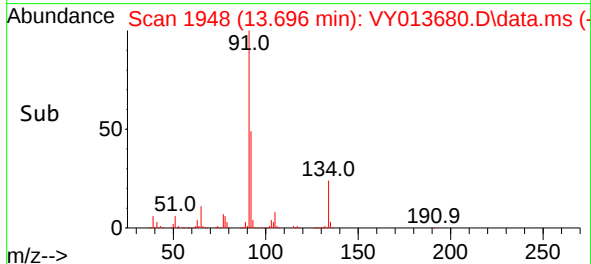
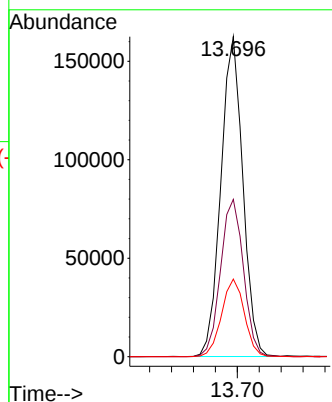
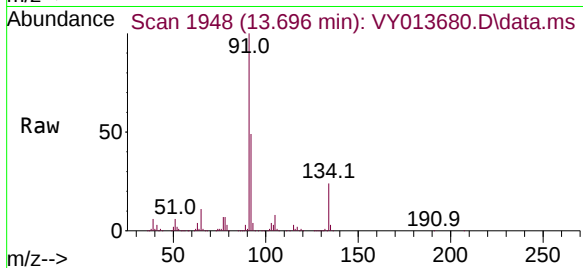
Tgt Ion: 91 Resp: 226626

Ion Ratio Lower Upper

91 100

92 51.2 25.8 77.3

134 25.2 13.5 40.4



#90

Hexachloroethane

Concen: 21.479 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013680.D

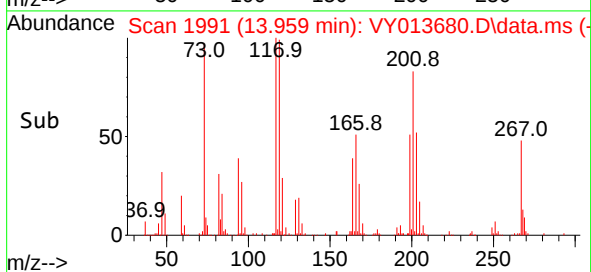
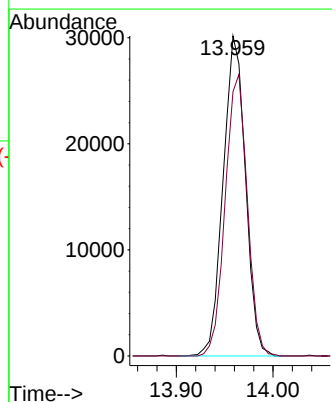
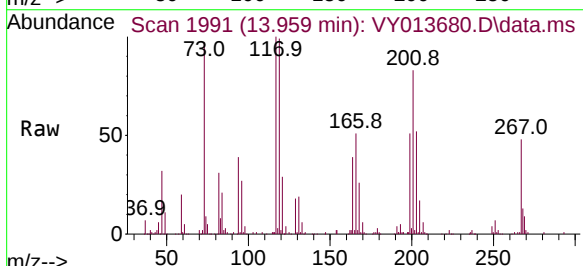
Acq: 10 May 2023 12:12

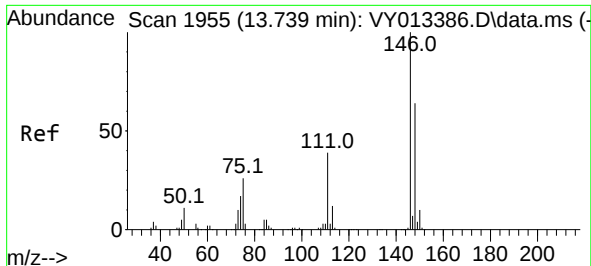
Tgt Ion: 117 Resp: 48200

Ion Ratio Lower Upper

117 100

201 87.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.654 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

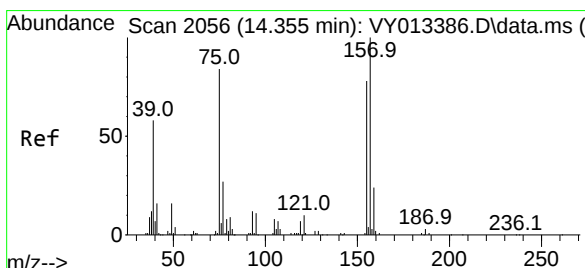
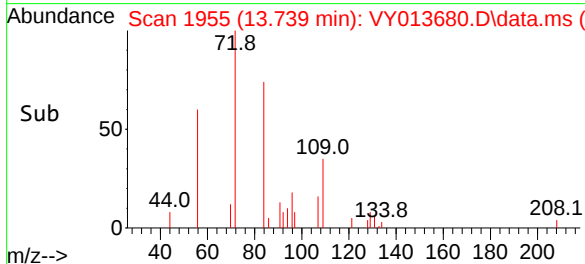
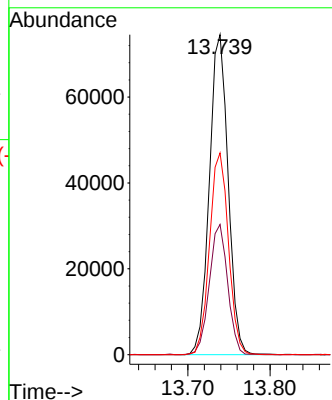
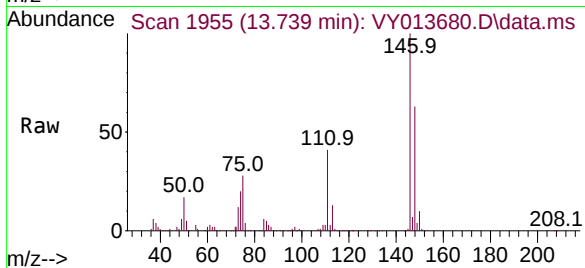
Tgt Ion:146 Resp: 117983

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.4

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.469 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

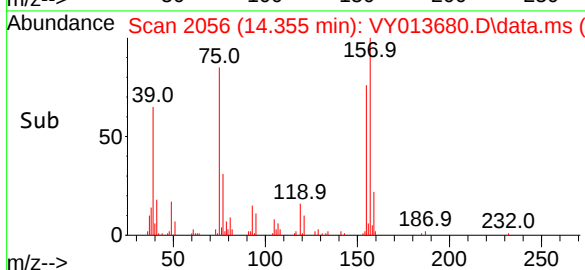
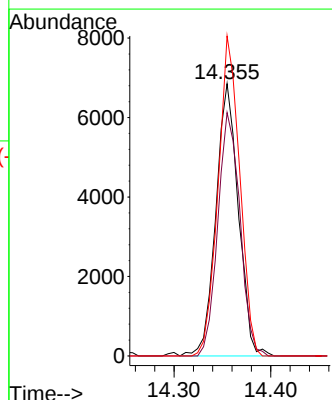
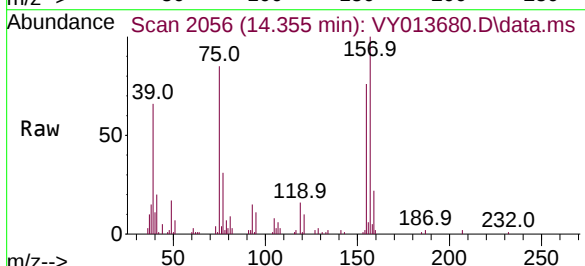
Tgt Ion: 75 Resp: 11039

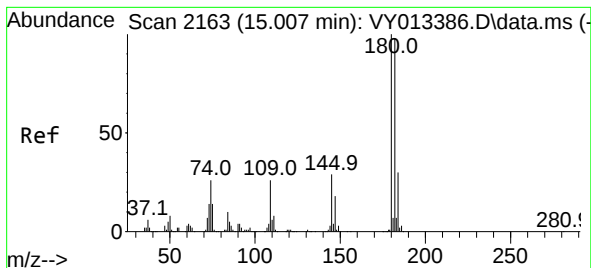
Ion Ratio Lower Upper

75 100

155 87.7 44.6 134.0

157 113.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 22.587 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

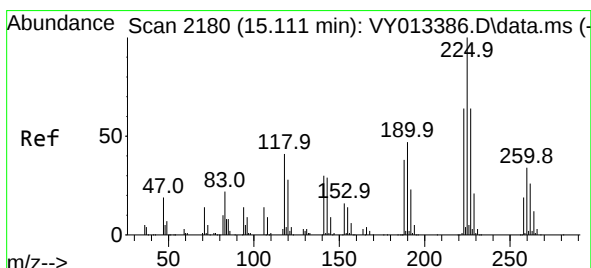
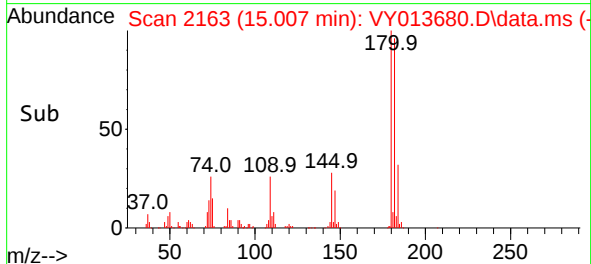
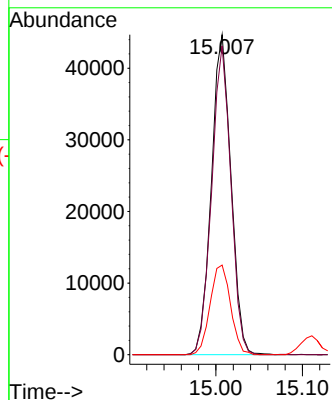
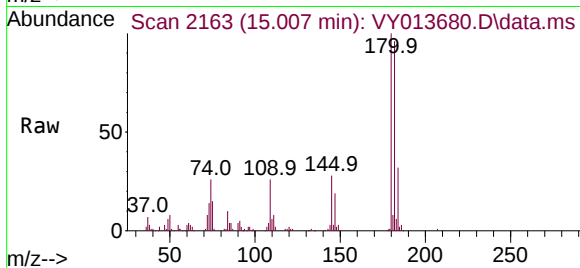
Tgt Ion:180 Resp: 70133

Ion Ratio Lower Upper

180 100

182 94.5 48.5 145.5

145 29.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 25.492 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

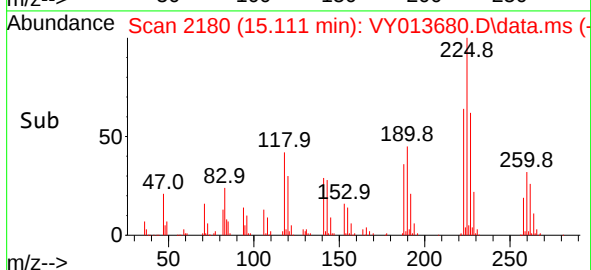
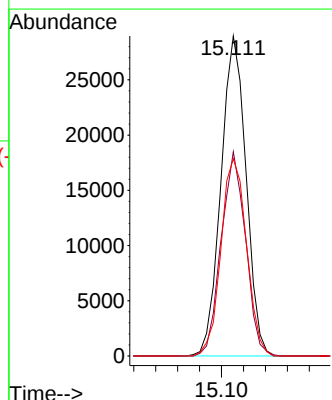
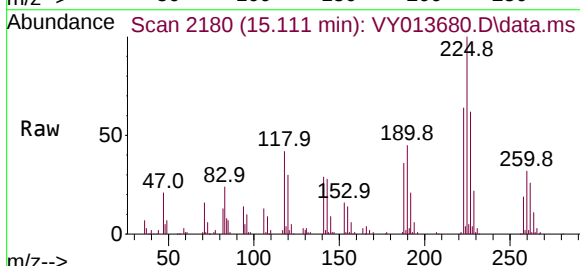
Tgt Ion:225 Resp: 46066

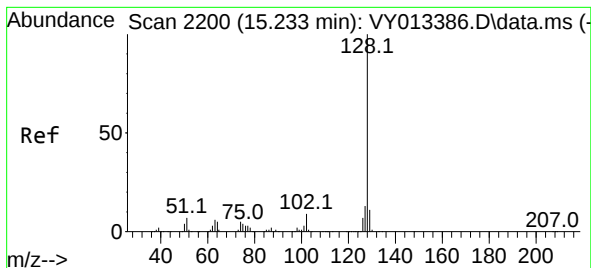
Ion Ratio Lower Upper

225 100

223 61.8 31.4 94.2

227 62.8 32.0 96.0





#95

Naphthalene

Concen: 20.557 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0510SBS01

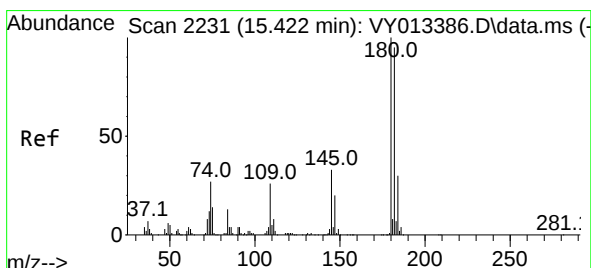
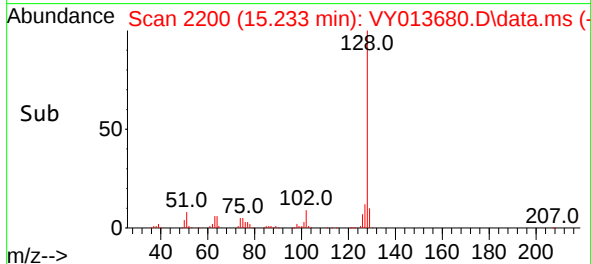
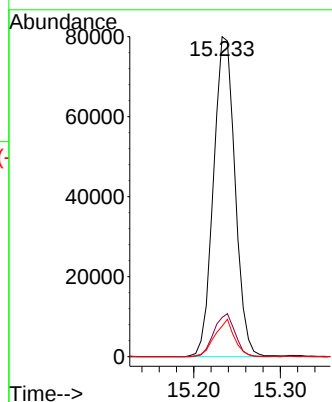
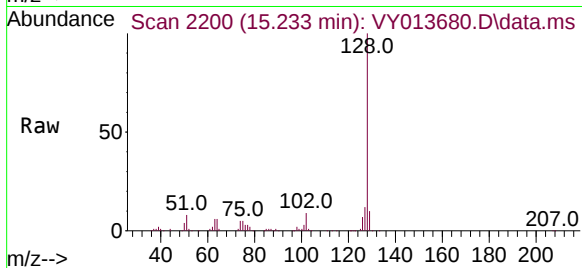
Tgt Ion:128 Resp: 138496

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.805 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013680.D

Acq: 10 May 2023 12:12

Tgt Ion:180 Resp: 63113

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.3

145 31.2 15.9 47.7

