

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013706.D
 Acq On : 11 May 2023 10:43
 Operator : KP/MD
 Sample : VY0511SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Quant Time: May 12 04:38:17 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	220795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	298503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158500	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	138459	57.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.400%	
35) Dibromofluoromethane	7.716	113	121255	58.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.880%	
50) Toluene-d8	10.179	98	409403	55.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.920%	
62) 4-Bromofluorobenzene	12.483	95	153144	61.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 123.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48528	23.119	ug/l	95
3) Chloromethane	2.113	50	58211	20.689	ug/l	94
4) Vinyl Chloride	2.253	62	58992	21.057	ug/l	97
5) Bromomethane	2.650	94	48088	21.540	ug/l	95
6) Chloroethane	2.790	64	37514	19.383	ug/l	91
7) Trichlorofluoromethane	3.125	101	103297	24.339	ug/l	99
8) Diethyl Ether	3.534	74	32139	22.238	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	56137	23.582	ug/l	98
10) Methyl Iodide	4.089	142	55944	18.711	ug/l	97
11) Tert butyl alcohol	4.930	59	19582	72.292	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	51095	22.267	ug/l	96
13) Acrolein	3.729	56	18864	83.295	ug/l	95
14) Allyl chloride	4.479	41	88278	20.733	ug/l	97
15) Acrylonitrile	5.168	53	89777	110.920	ug/l	99
16) Acetone	3.948	43	104107	109.221	ug/l	97
17) Carbon Disulfide	4.192	76	145662	19.542	ug/l	99
18) Methyl Acetate	4.473	43	67883	21.563	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	140976	21.280	ug/l	98
20) Methylene Chloride	4.716	84	64757	16.221	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	55526	22.131	ug/l	97
22) Diisopropyl ether	6.119	45	181835	21.849	ug/l	95
23) Vinyl Acetate	6.058	43	538307	114.242	ug/l	97
24) 1,1-Dichloroethane	6.015	63	104162	22.457	ug/l	99
25) 2-Butanone	6.984	43	130502	107.956	ug/l	93
26) 2,2-Dichloropropane	6.978	77	94020	23.524	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	61524	22.194	ug/l	94
28) Bromochloromethane	7.332	49	38170	23.191	ug/l	82
29) Tetrahydrofuran	7.350	42	77897	103.521	ug/l	93
30) Chloroform	7.509	83	109816	23.813	ug/l	99
31) Cyclohexane	7.789	56	89414	20.633	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	99396	24.154	ug/l	98
36) 1,1-Dichloropropene	7.917	75	79141	22.981	ug/l	98
37) Ethyl Acetate	7.076	43	53443	20.622	ug/l	98
38) Carbon Tetrachloride	7.899	117	92553	25.642	ug/l	93
39) Methylcyclohexane	9.179	83	88022	21.681	ug/l	96
40) Benzene	8.161	78	231308	23.845	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	76047	62.971	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	78725	24.823	ug/l	97
43) Isopropyl Acetate	8.271	43	96168	21.985	ug/l #	84
44) Trichloroethene	8.941	130	60648	23.504	ug/l	97
45) 1,2-Dichloropropane	9.216	63	59137	23.316	ug/l	97
46) Dibromomethane	9.307	93	35618	23.470	ug/l	96
47) Bromodichloromethane	9.496	83	85521	25.184	ug/l	97
48) Methyl methacrylate	9.289	41	43081	21.445	ug/l	95
49) 1,4-Dioxane	9.307	88	9302	429.165	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	270416	110.938	ug/l	96
52) Toluene	10.246	92	142855	24.472	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	84025	23.379	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	93162	23.037	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	48578	24.171	ug/l	96
56) Ethyl methacrylate	10.508	69	63046	22.611	ug/l	93
57) 1,3-Dichloropropane	10.789	76	82649	24.282	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	123566	118.183	ug/l	95
59) 2-Hexanone	10.831	43	199557	112.624	ug/l	97
60) Dibromochloromethane	10.984	129	60426	24.762	ug/l	100
61) 1,2-Dibromoethane	11.087	107	46617	23.593	ug/l	100
64) Tetrachloroethene	10.721	164	53424	23.537	ug/l	94
65) Chlorobenzene	11.514	112	152093	23.390	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	60439	24.852	ug/l	98
67) Ethyl Benzene	11.593	91	267750	23.449	ug/l	98
68) m/p-Xylenes	11.703	106	208374	48.004	ug/l	98
69) o-Xylene	12.032	106	94671	23.061	ug/l	94
70) Styrene	12.044	104	165872	24.165	ug/l	100
71) Bromoform	12.209	173	41538	24.385	ug/l #	100
73) Isopropylbenzene	12.331	105	257518	21.481	ug/l	99
74) N-amyl acetate	12.142	43	80345	18.833	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	61938	21.137	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	81189	37.982	ug/l #	100
77) Bromobenzene	12.605	156	65931	22.697	ug/l	97
78) n-propylbenzene	12.672	91	323819	21.929	ug/l	98
79) 2-Chlorotoluene	12.758	91	181977	22.069	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	217297	22.207	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20652	19.763	ug/l	94
82) 4-Chlorotoluene	12.855	91	190144	22.123	ug/l	99
83) tert-Butylbenzene	13.075	119	187850	22.159	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	217398	22.852	ug/l	100
85) sec-Butylbenzene	13.252	105	281127	22.096	ug/l	100
86) p-Isopropyltoluene	13.367	119	231129	22.590	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	126805	22.913	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	126712	22.666	ug/l	99
89) n-Butylbenzene	13.697	91	218234	21.854	ug/l	98
90) Hexachloroethane	13.959	117	47561	22.087	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	116741	23.360	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11102	21.452	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	67264	22.575	ug/l	99
94) Hexachlorobutadiene	15.111	225	44086	25.424	ug/l	100
95) Naphthalene	15.233	128	131804	20.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61284	23.077	ug/l	99

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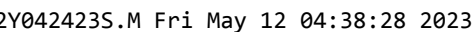
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

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

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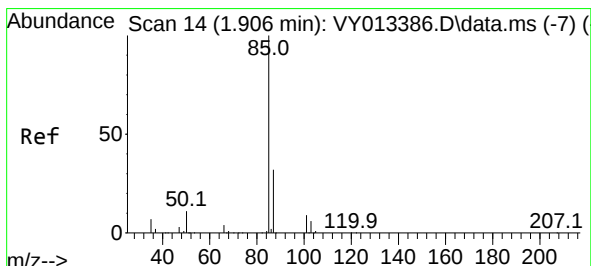
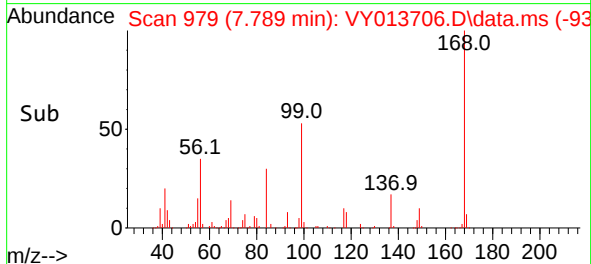
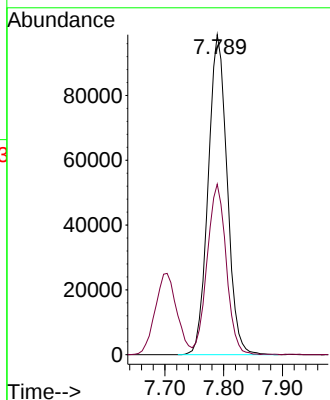
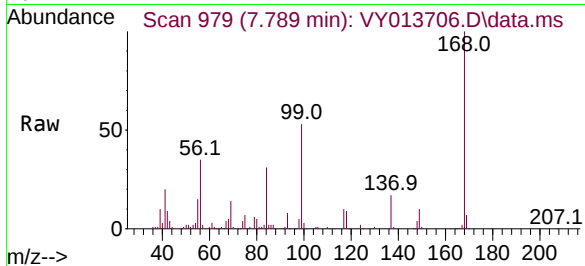




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013706.D
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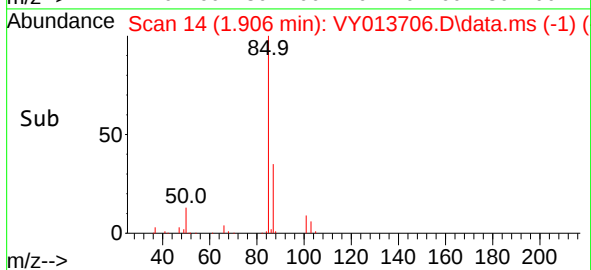
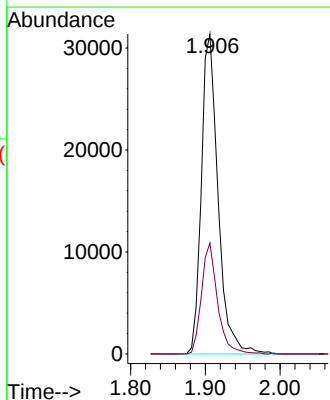
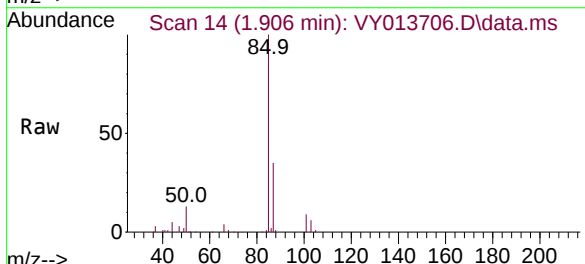
Instrument :
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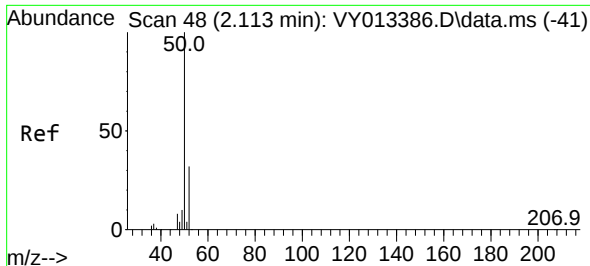
Tgt Ion:168 Resp: 220795
Ion Ratio Lower Upper
168 100
99 53.2 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 23.119 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 85 Resp: 48528
Ion Ratio Lower Upper
85 100
87 34.7 16.1 48.2

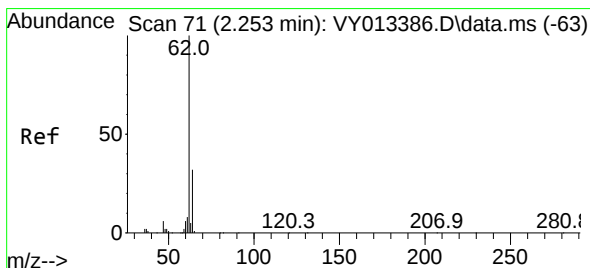
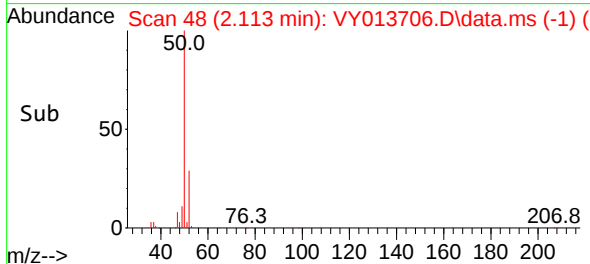
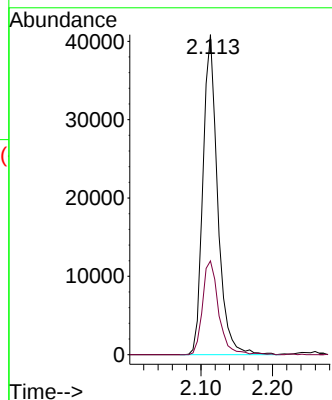
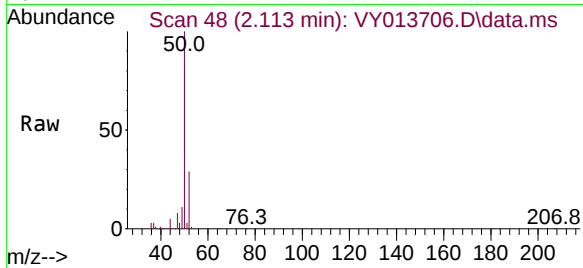




#3
Chloromethane
Concen: 20.689 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

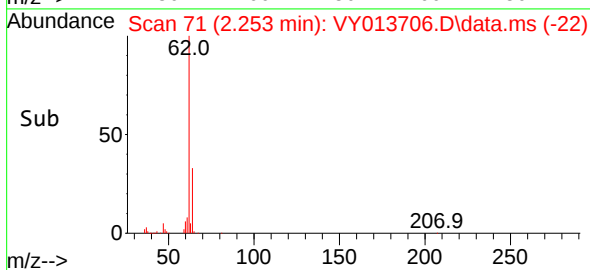
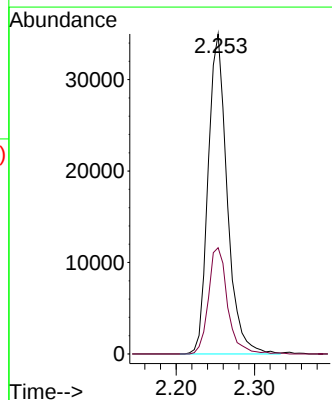
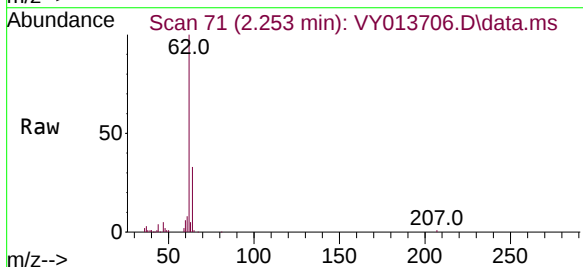
Instrument :
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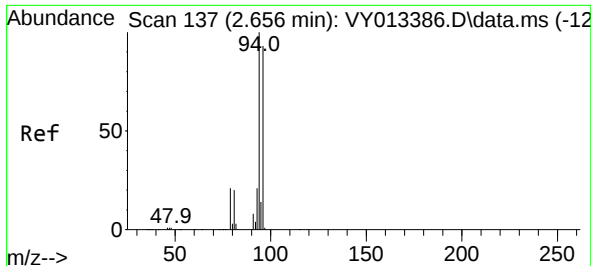
Tgt Ion: 50 Resp: 58211
Ion Ratio Lower Upper
50 100
52 29.3 25.9 38.9



#4
Vinyl Chloride
Concen: 21.057 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 62 Resp: 58992
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

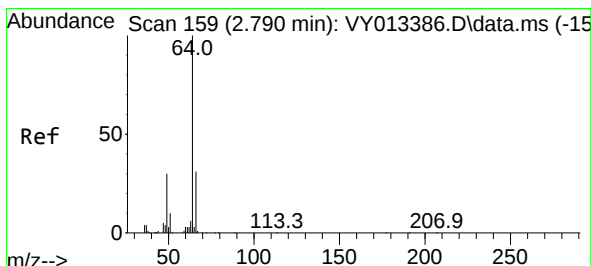
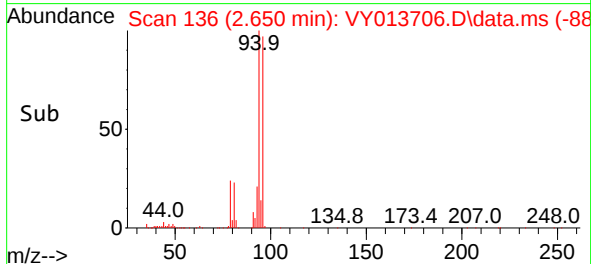
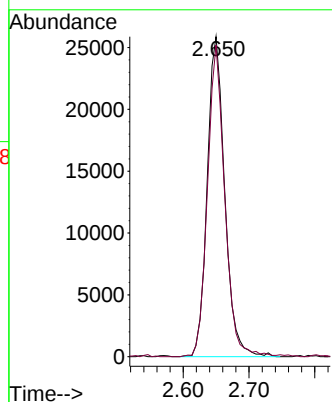
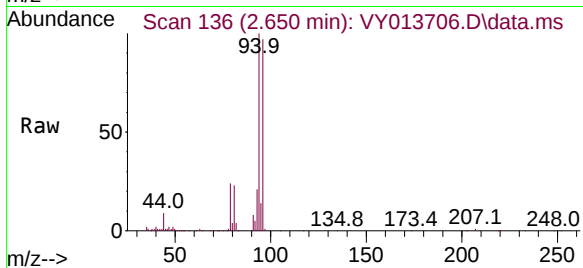




#5
Bromomethane
Concen: 21.540 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

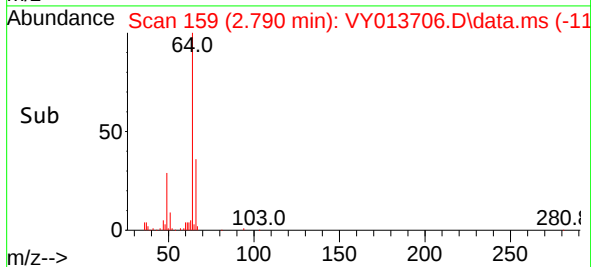
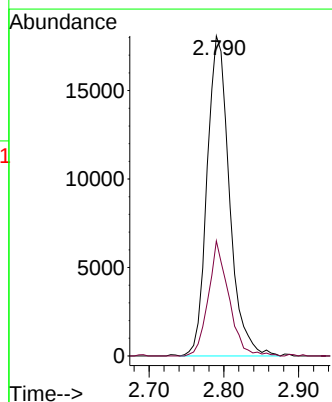
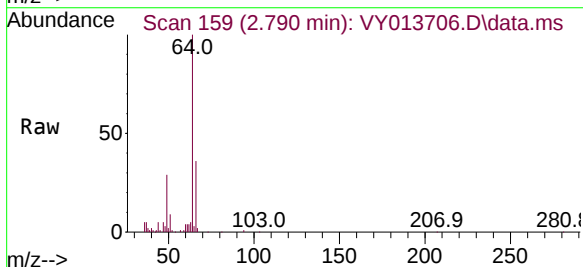
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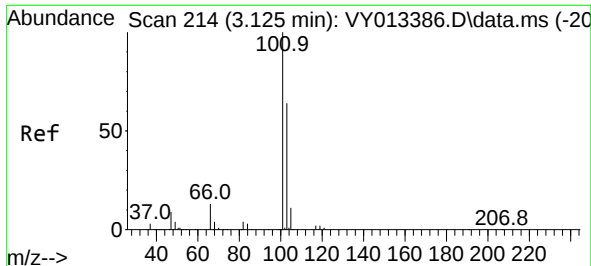
Tgt Ion: 94 Resp: 48088
Ion Ratio Lower Upper
94 100
96 97.4 74.2 111.2



#6
Chloroethane
Concen: 19.383 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 64 Resp: 37514
Ion Ratio Lower Upper
64 100
66 36.0 24.6 37.0

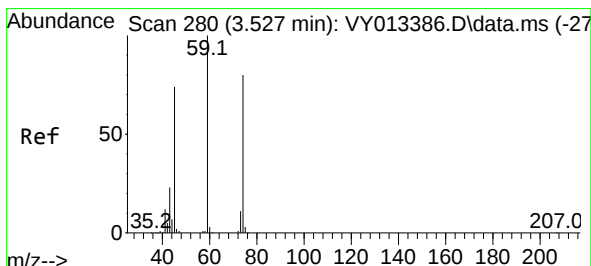
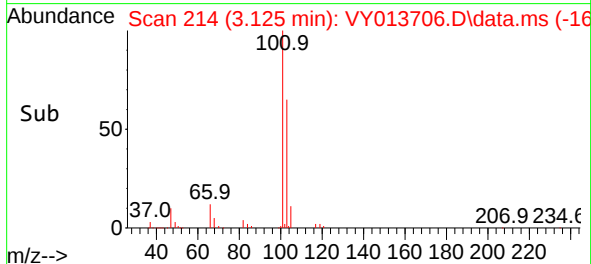
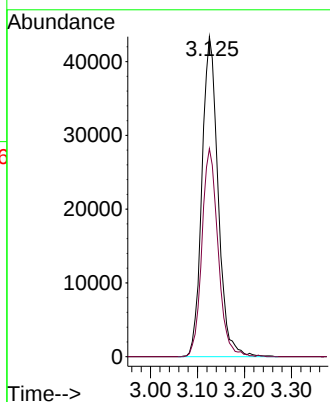
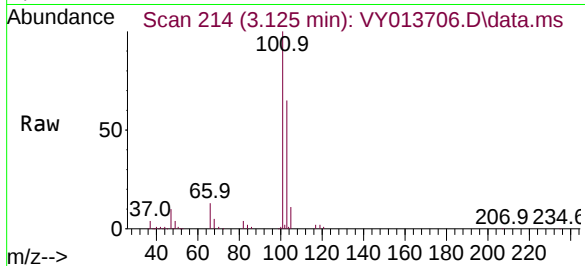




#7
 Trichlorofluoromethane
 Concen: 24.339 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013706.D
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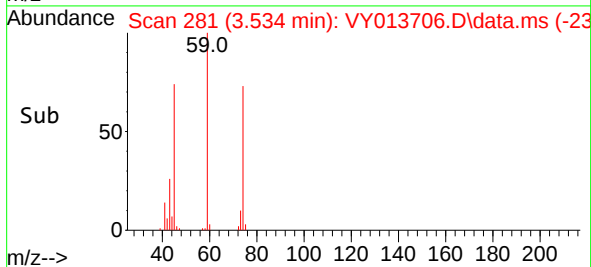
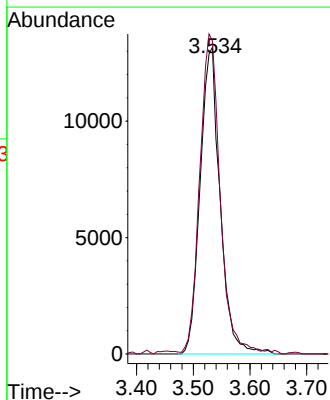
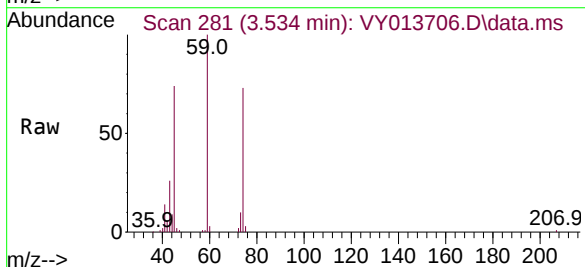
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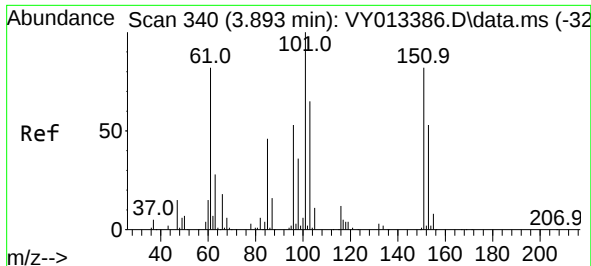
Tgt Ion:101 Resp: 103297
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.6 77.4



#8
 Diethyl Ether
 Concen: 22.238 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

Tgt Ion: 74 Resp: 32139
 Ion Ratio Lower Upper
 74 100
 45 104.4 48.2 144.6

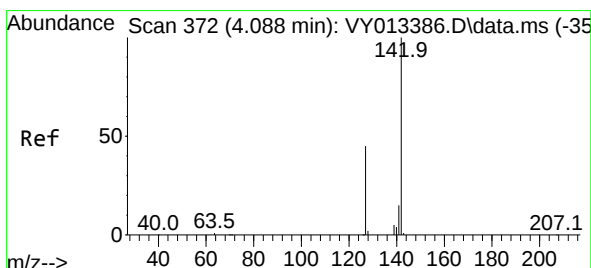
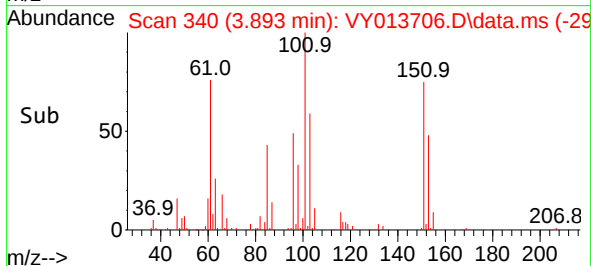
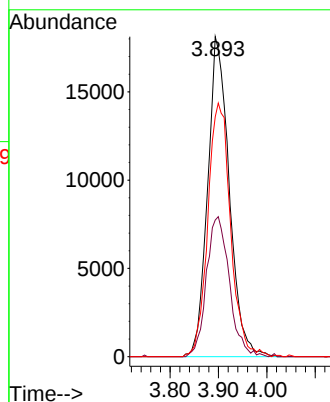
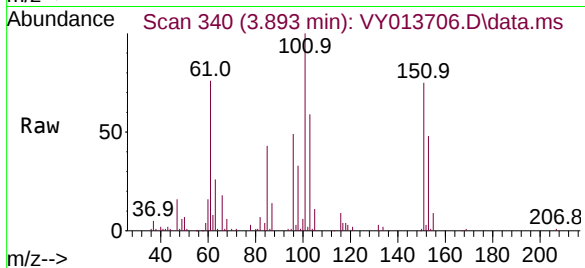




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.582 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

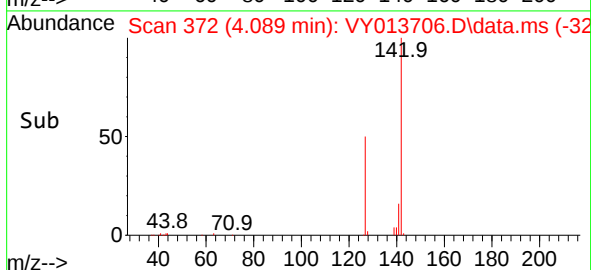
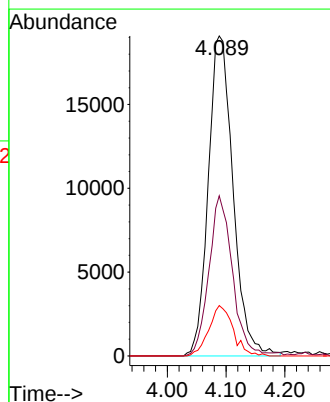
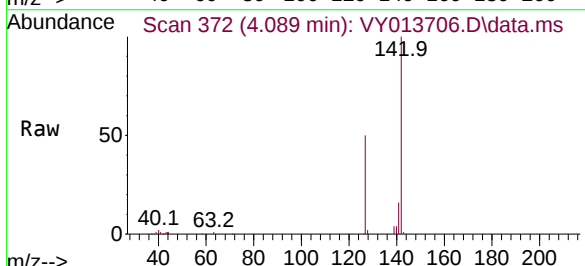
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion:101 Resp: 56137
Ion Ratio Lower Upper
101 100
85 46.5 35.6 53.4
151 83.6 68.0 102.0



#10
Methyl Iodide
Concen: 18.711 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion:142 Resp: 55944
Ion Ratio Lower Upper
142 100
127 47.6 36.1 54.1
141 15.4 11.6 17.4

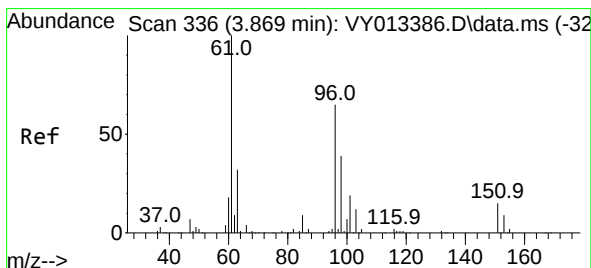
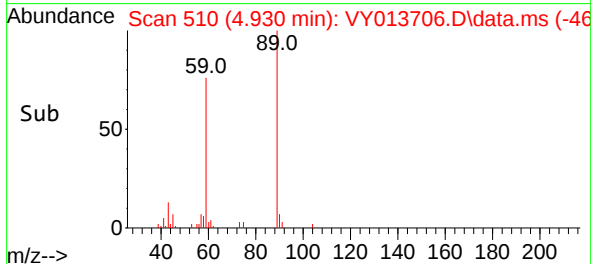
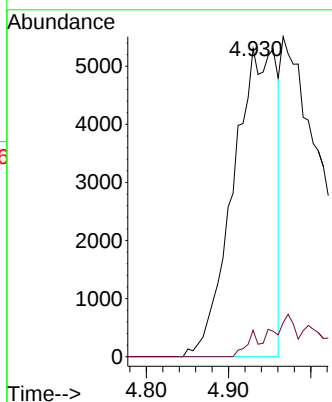
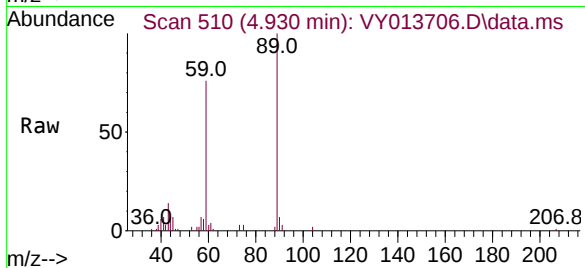




#11
Tert butyl alcohol
Concen: 72.292 ug/l
RT: 4.930 min Scan# 518
Delta R.T. -0.048 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

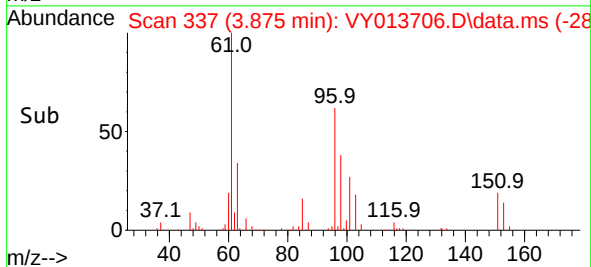
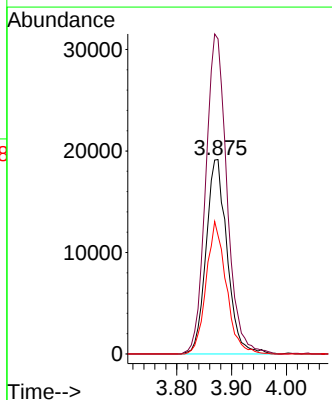
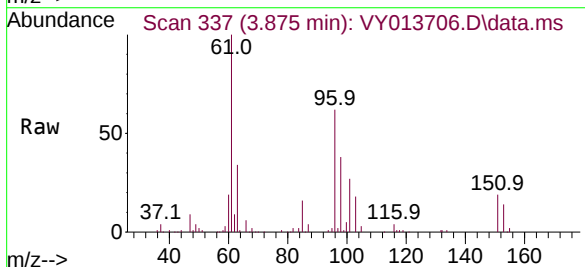
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

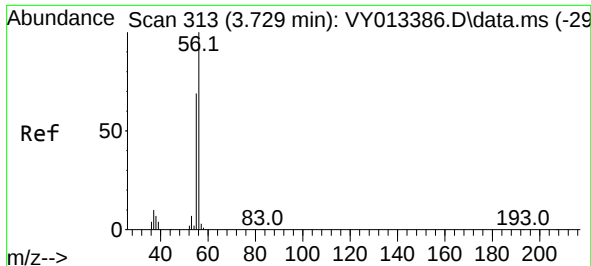
Tgt Ion: 59 Resp: 19582
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.267 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 96 Resp: 51095
Ion Ratio Lower Upper
96 100
61 162.1 123.9 185.9
98 60.9 48.9 73.3





#13

Acrolein

Concen: 83.295 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

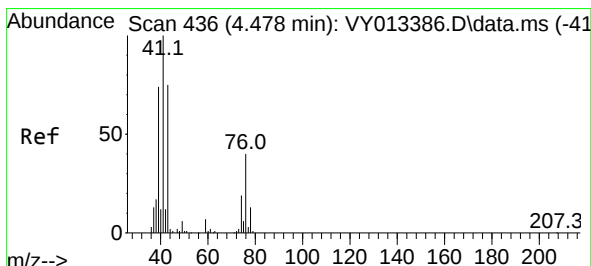
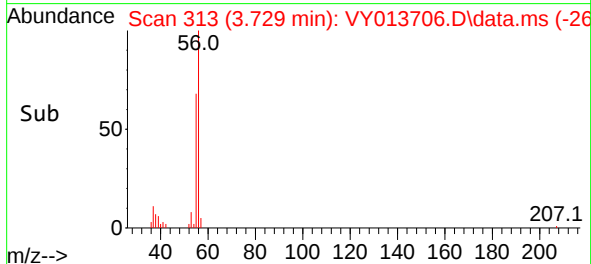
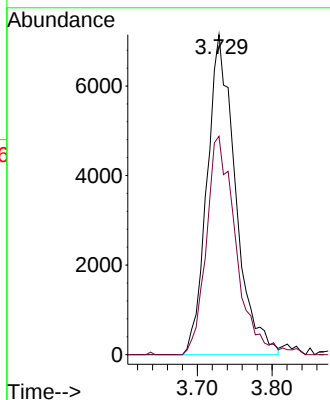
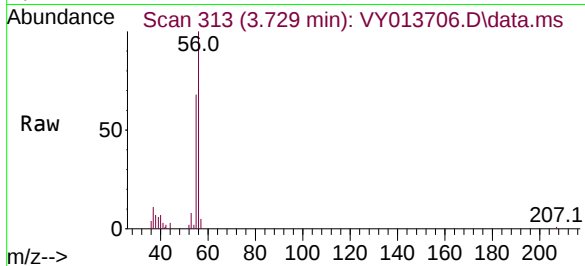
VY0511SBS01

Tgt Ion: 56 Resp: 18864

Ion Ratio Lower Upper

56 100

55 71.3 54.1 81.1



#14

Allyl chloride

Concen: 20.733 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

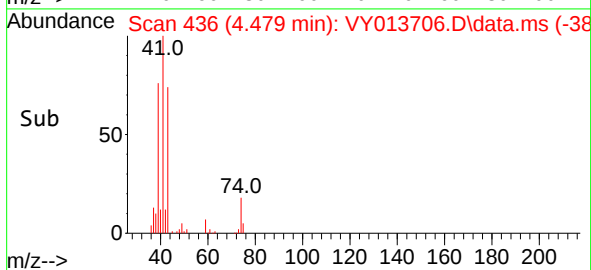
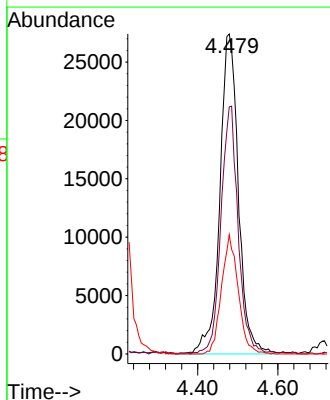
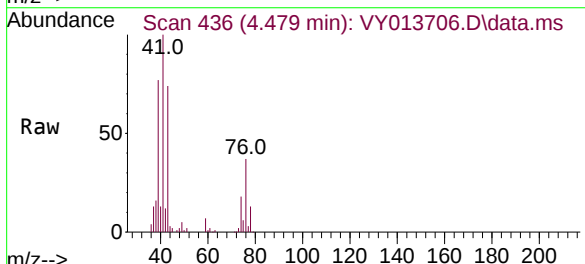
Tgt Ion: 41 Resp: 88278

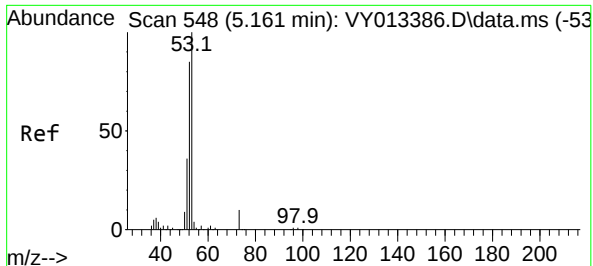
Ion Ratio Lower Upper

41 100

39 71.5 56.6 85.0

76 33.5 30.5 45.7

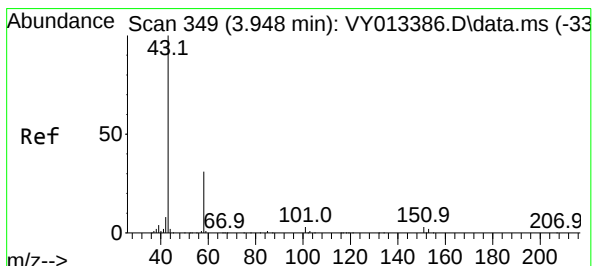
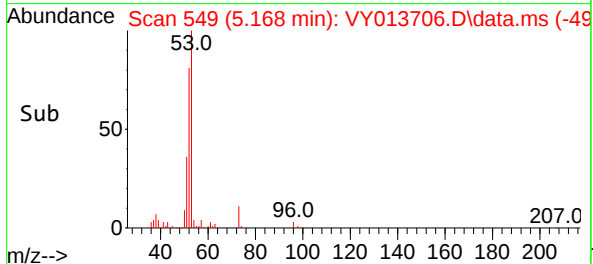
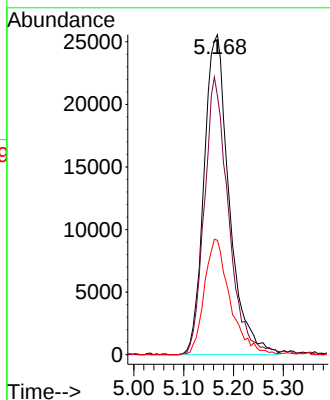
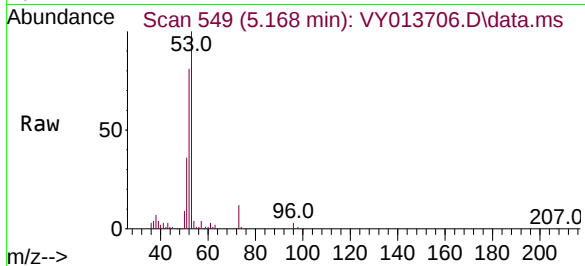




#15
Acrylonitrile
Concen: 110.920 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.007 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

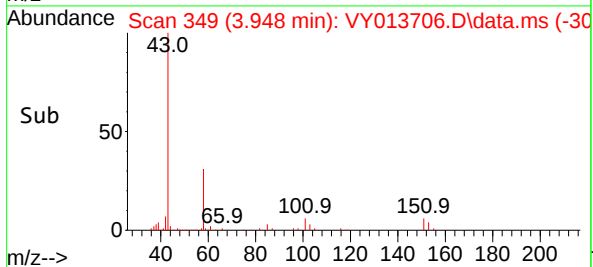
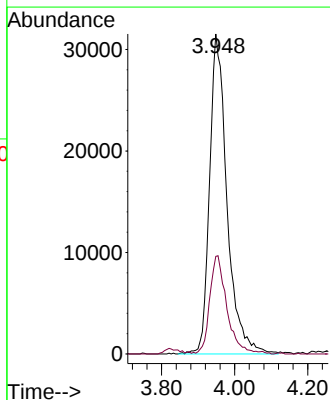
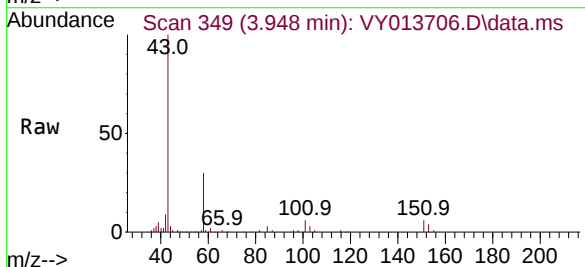
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

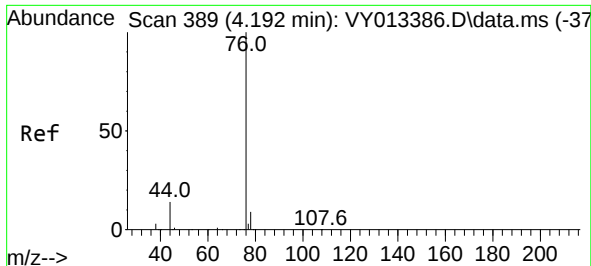
Tgt Ion: 53 Resp: 89777
Ion Ratio Lower Upper
53 100
52 83.3 65.4 98.0
51 36.9 29.3 43.9



#16
Acetone
Concen: 109.221 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 43 Resp: 104107
Ion Ratio Lower Upper
43 100
58 30.2 25.4 38.0

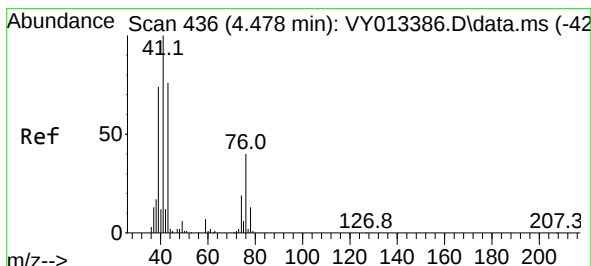
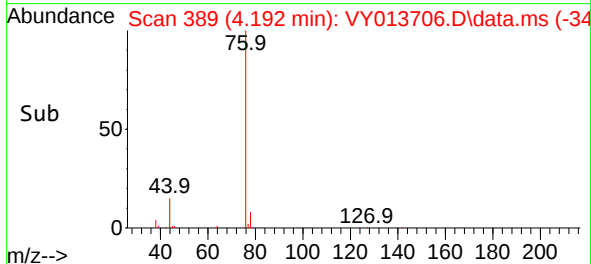
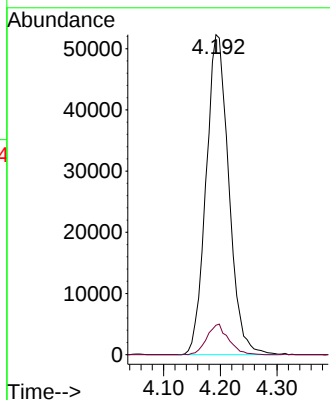
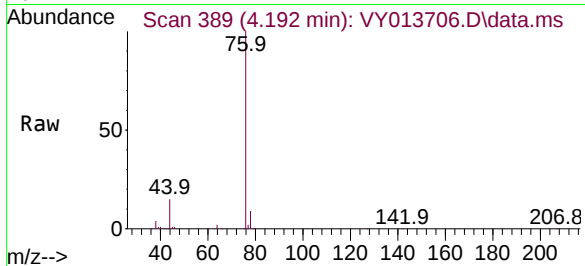




#17
Carbon Disulfide
Concen: 19.542 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

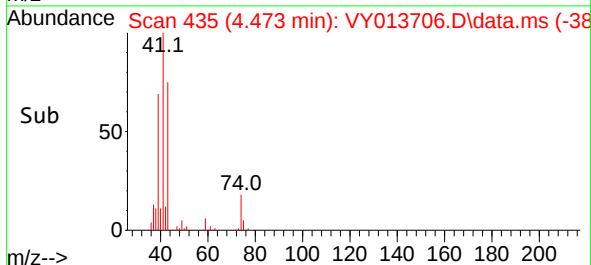
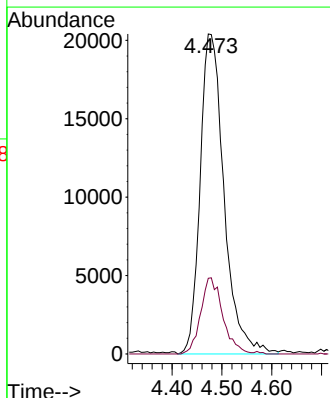
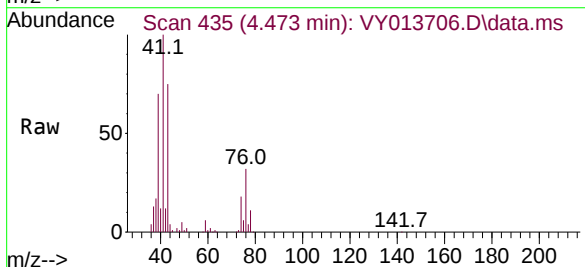
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

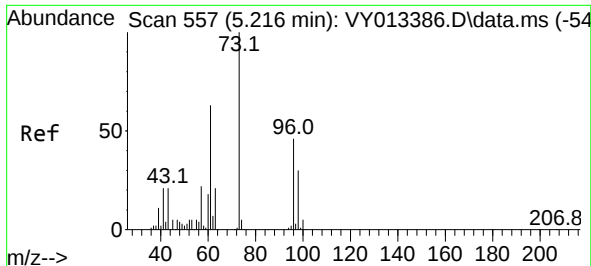
Tgt Ion: 76 Resp: 145662
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 21.563 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 43 Resp: 67883
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 21.280 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

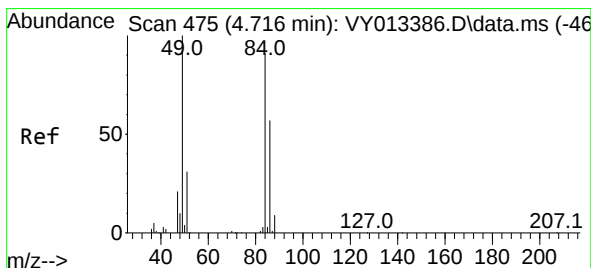
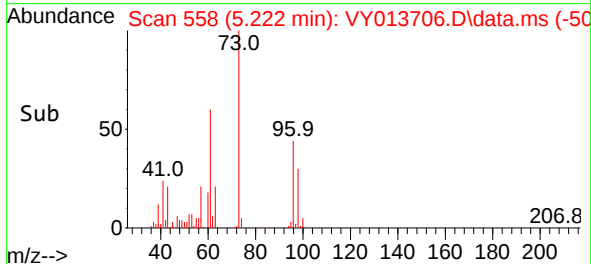
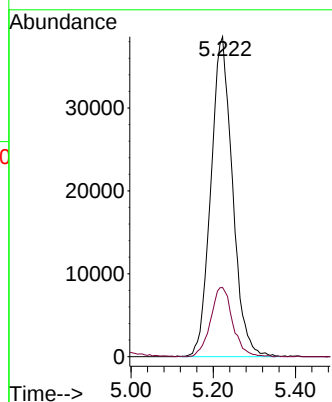
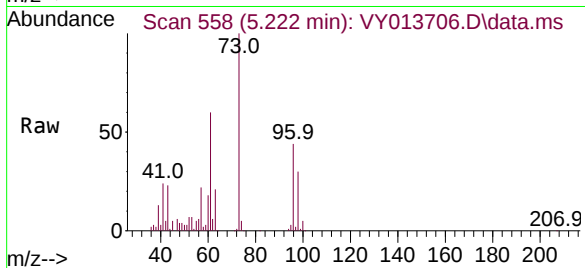
VY0511SBS01

Tgt Ion: 73 Resp: 140976

Ion Ratio Lower Upper

73 100

57 21.5 17.8 26.8



#20

Methylene Chloride

Concen: 16.221 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Tgt Ion: 84 Resp: 64757

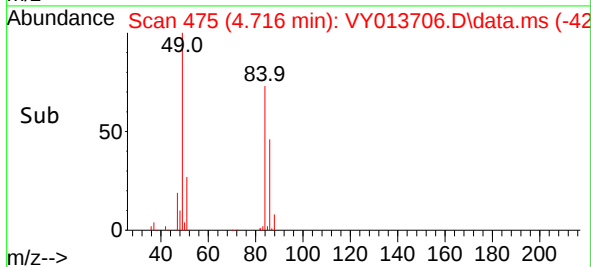
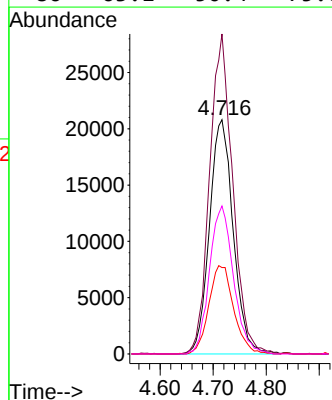
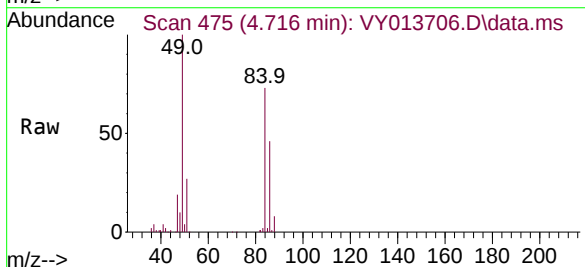
Ion Ratio Lower Upper

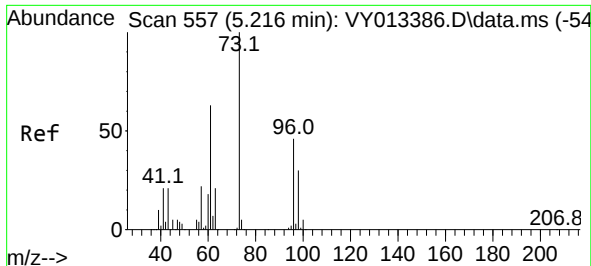
84 100

49 136.6 88.0 132.0#

51 36.9 27.4 41.0

86 63.1 50.4 75.6

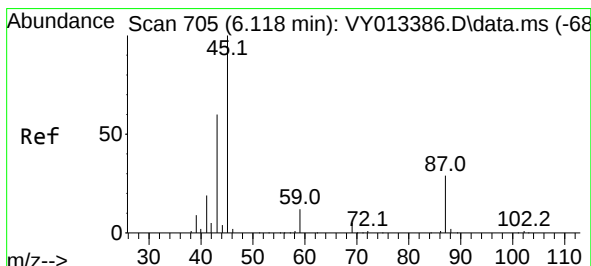
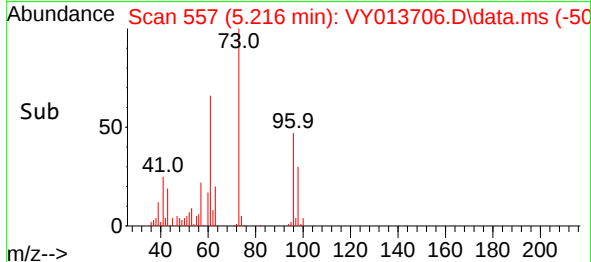
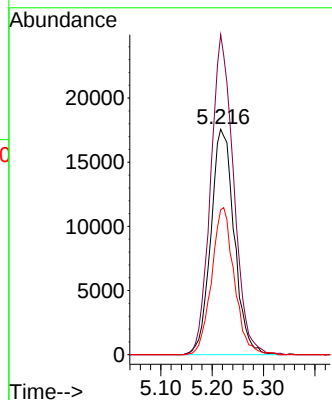
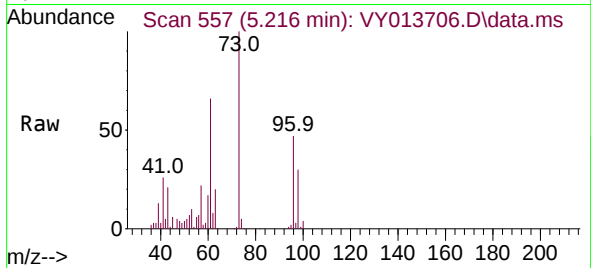




#21
trans-1,2-Dichloroethene
Concen: 22.131 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

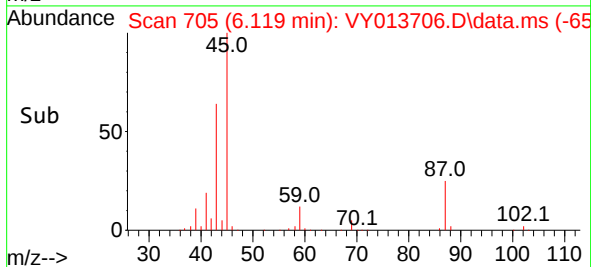
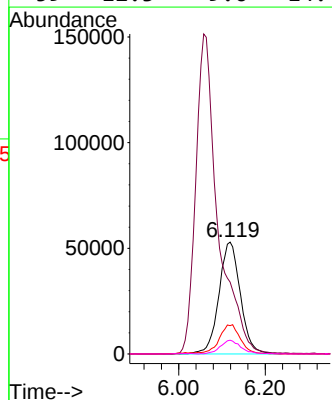
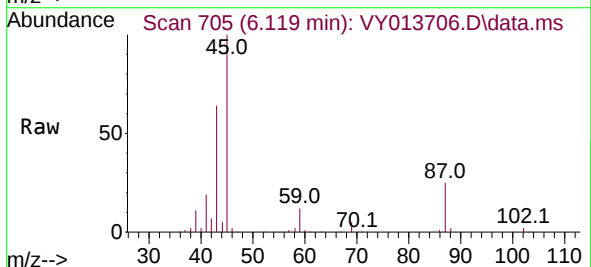
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion: 96 Resp: 55526
Ion Ratio Lower Upper
96 100
61 142.0 110.6 165.8
98 64.4 53.1 79.7



#22
Diisopropyl ether
Concen: 21.849 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 45 Resp: 181835
Ion Ratio Lower Upper
45 100
43 63.2 48.4 72.6
87 25.4 23.8 35.6
59 12.3 9.6 14.4

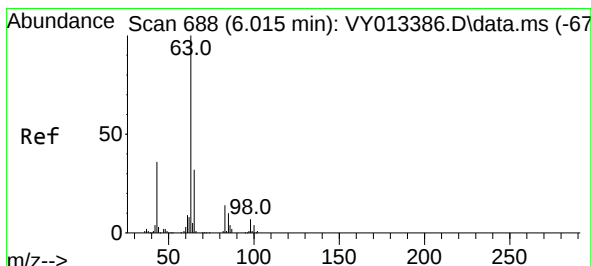
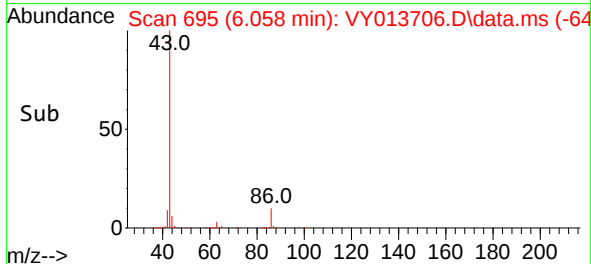
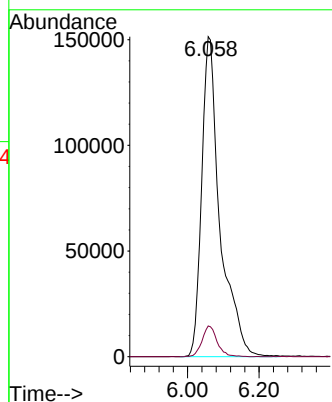
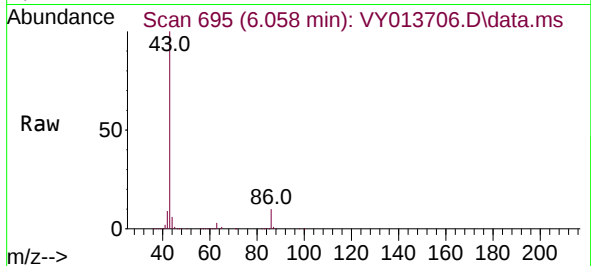




#23
 Vinyl Acetate
 Concen: 114.242 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

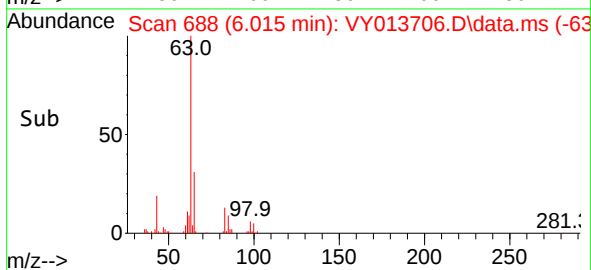
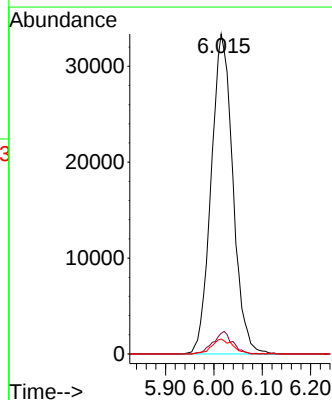
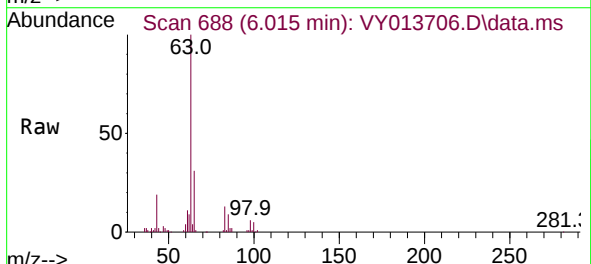
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

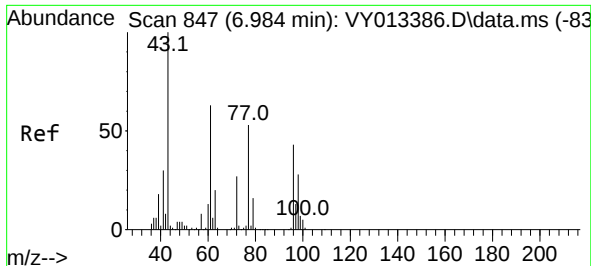
Tgt Ion: 43 Resp: 538307
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 22.457 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

Tgt Ion: 63 Resp: 104162
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.6 2.2 6.6

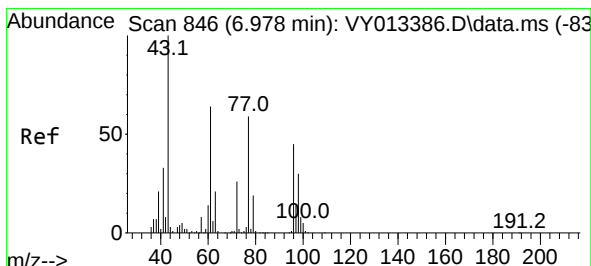
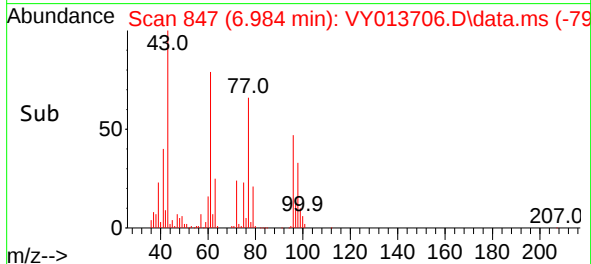
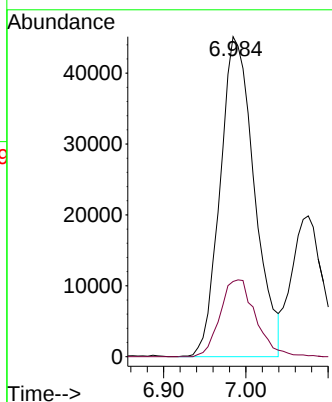
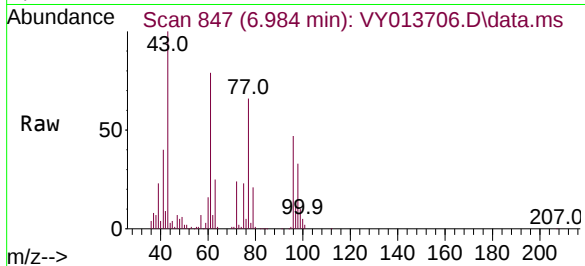




#25
2-Butanone
Concen: 107.956 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

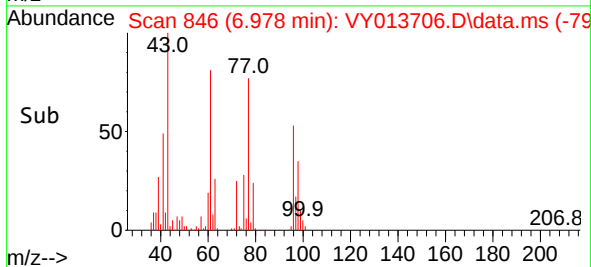
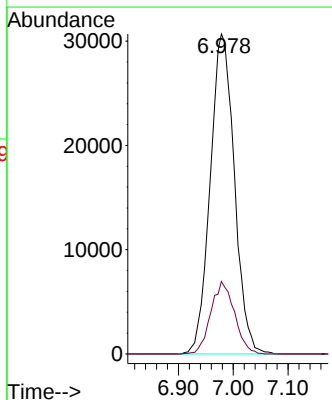
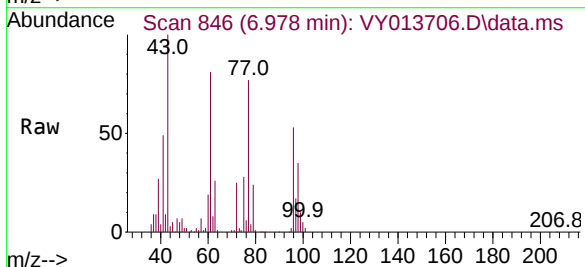
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

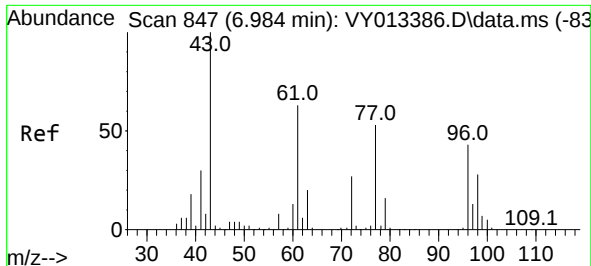
Tgt Ion: 43 Resp: 130502
Ion Ratio Lower Upper
43 100
72 23.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 23.524 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 77 Resp: 94020
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 22.194 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

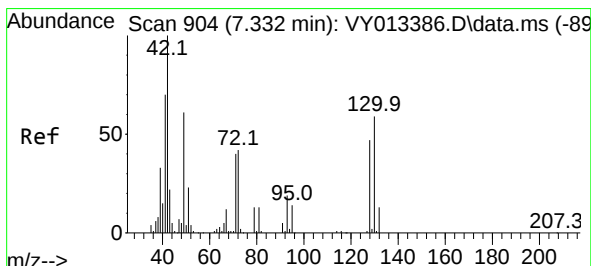
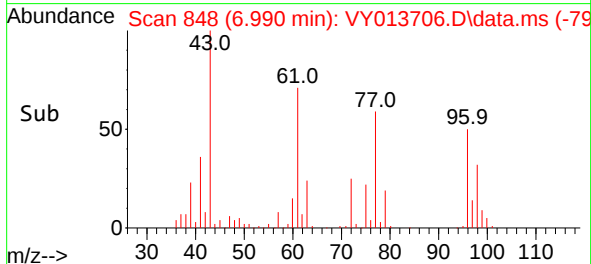
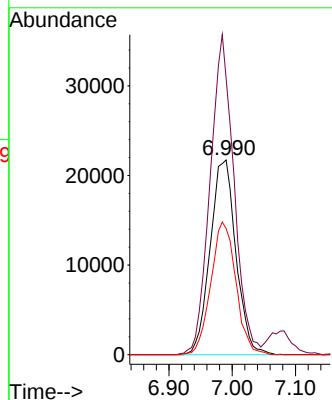
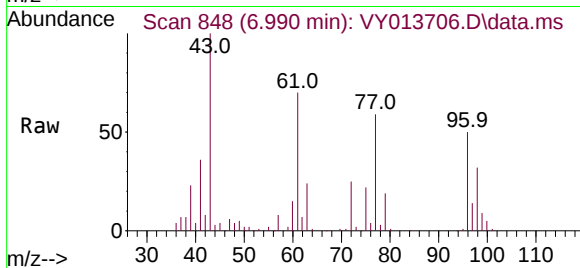
Tgt Ion: 96 Resp: 61524

Ion Ratio Lower Upper

96 100

61 152.0 0.0 285.0

98 66.2 0.0 130.6



#28

Bromochloromethane

Concen: 23.191 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

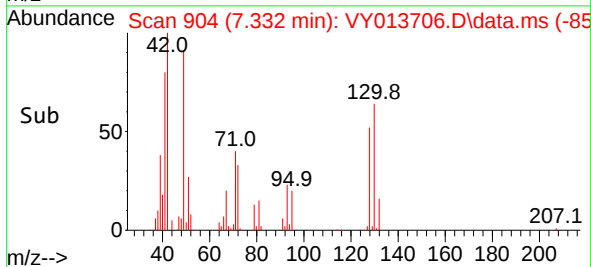
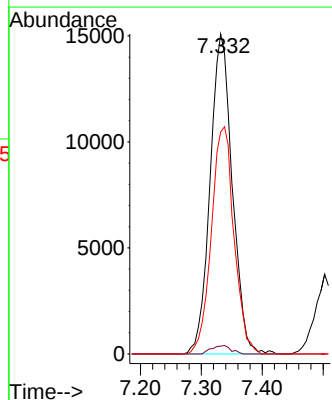
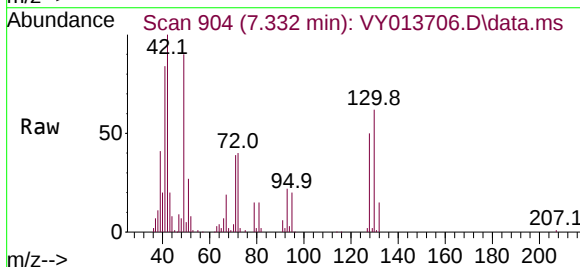
Tgt Ion: 49 Resp: 38170

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 72.3 72.1 108.1





#29

Tetrahydrofuran

Concen: 103.521 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

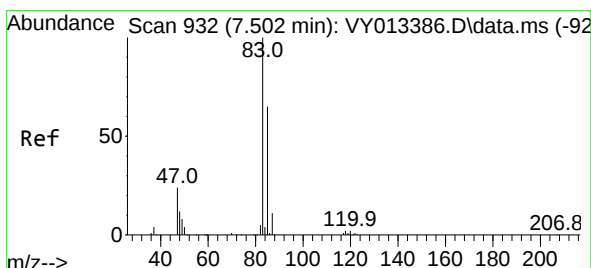
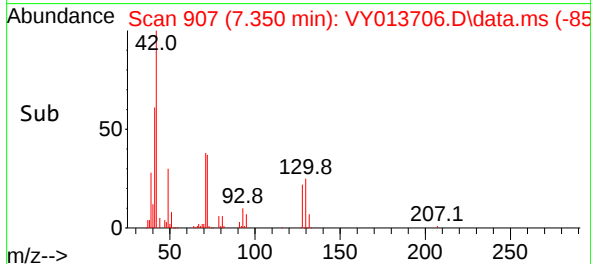
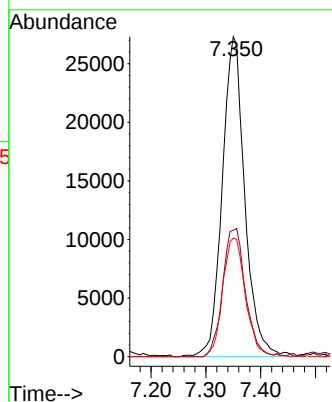
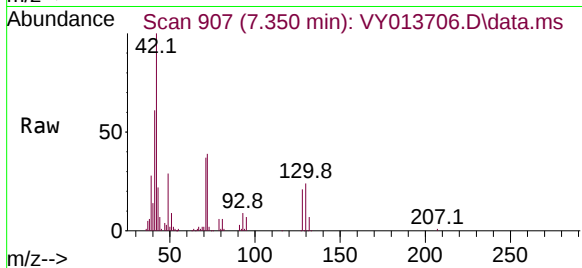
Tgt Ion: 42 Resp: 77897

Ion Ratio Lower Upper

42 100

72 40.5 35.9 53.9

71 37.6 34.3 51.5



#30

Chloroform

Concen: 23.813 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013706.D

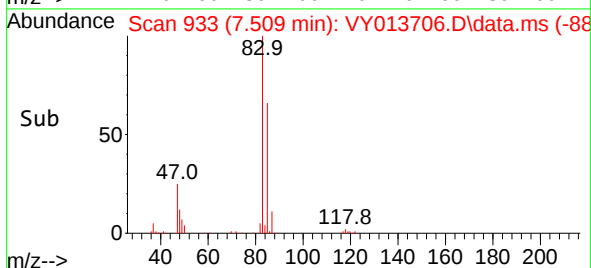
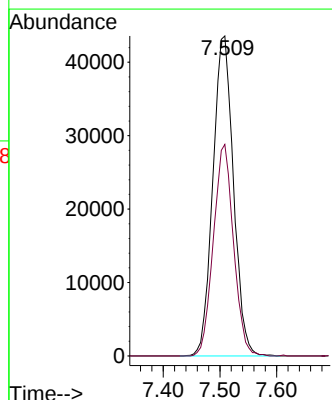
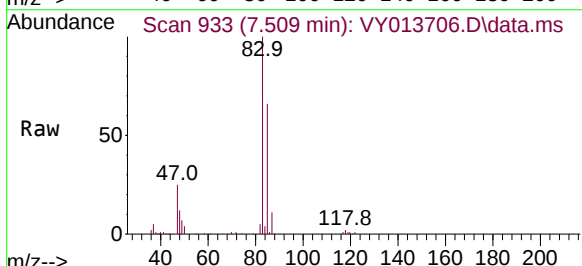
Acq: 11 May 2023 10:43

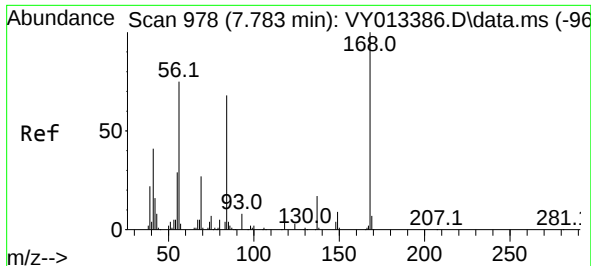
Tgt Ion: 83 Resp: 109816

Ion Ratio Lower Upper

83 100

85 66.1 52.0 78.0

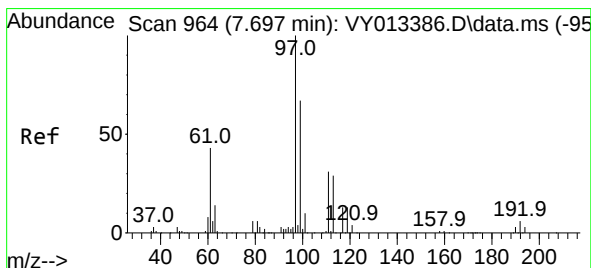
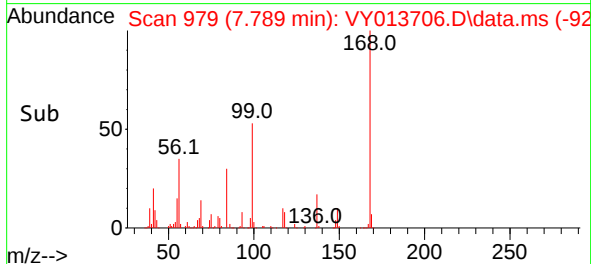
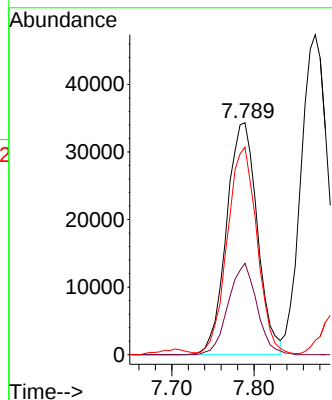
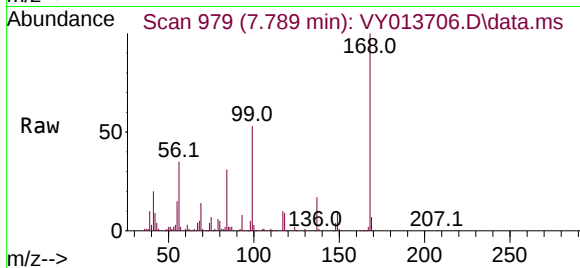




#31
Cyclohexane
Concen: 20.633 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

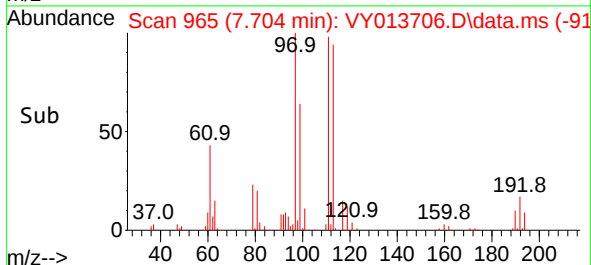
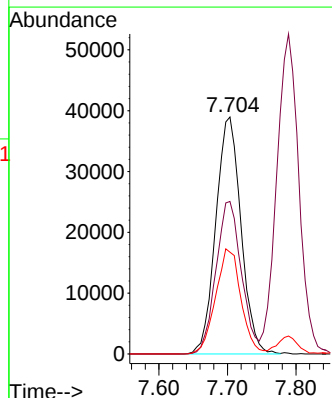
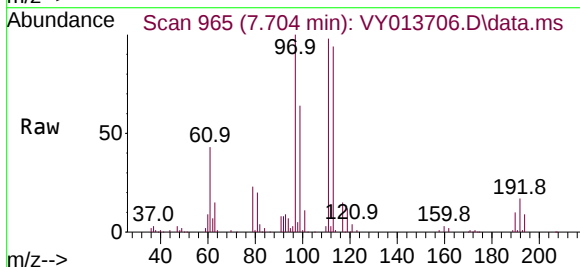
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

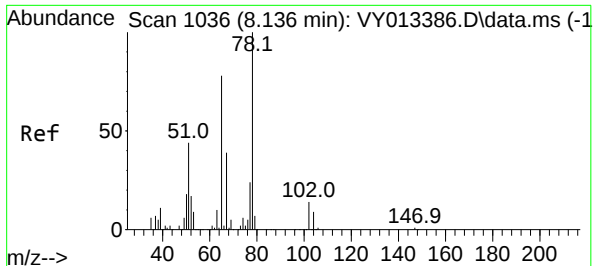
Tgt Ion: 56 Resp: 89414
Ion Ratio Lower Upper
56 100
69 39.4 29.2 43.8
84 87.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 24.154 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 97 Resp: 99396
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.2
61 44.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.205 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

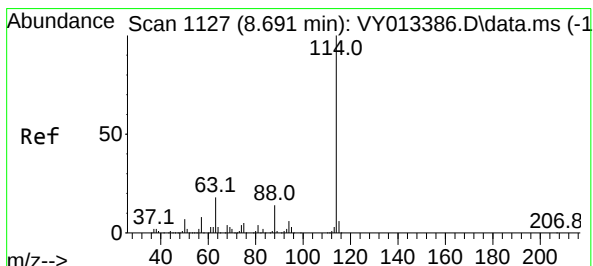
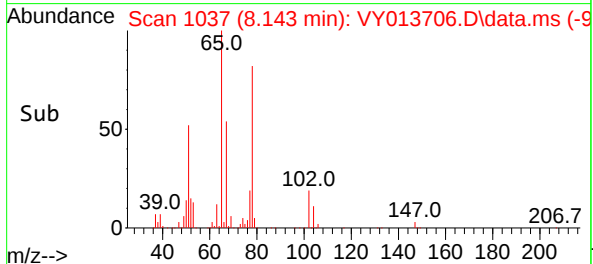
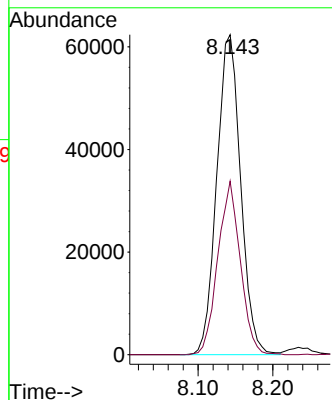
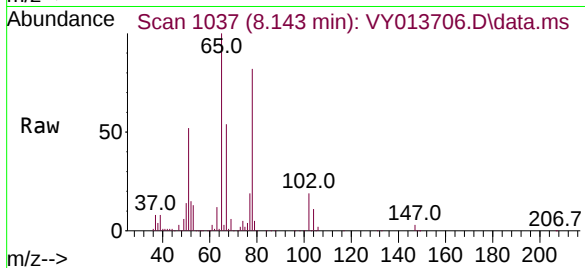
VY0511SBS01

Tgt Ion: 65 Resp: 138459

Ion Ratio Lower Upper

65 100

67 51.1 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: VY013706.D

Acq: 11 May 2023 10:43

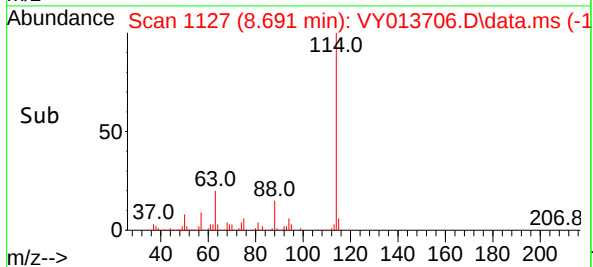
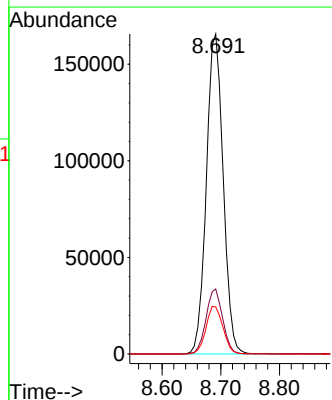
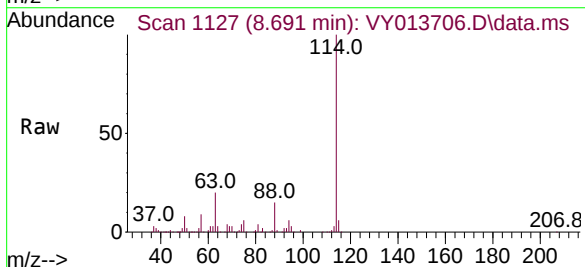
Tgt Ion: 114 Resp: 329913

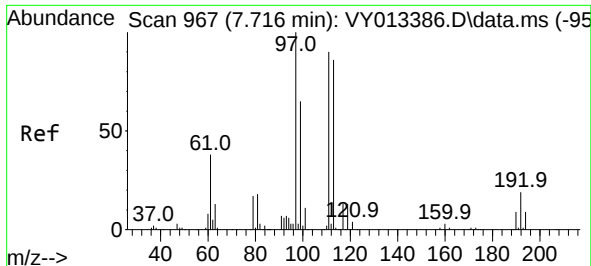
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 14.7 0.0 28.8

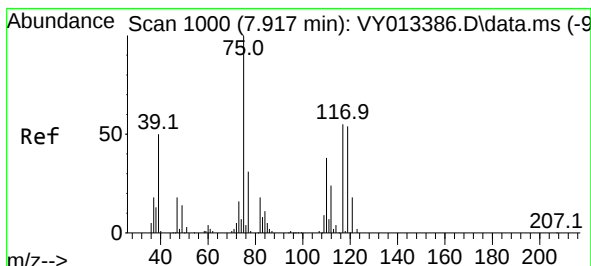
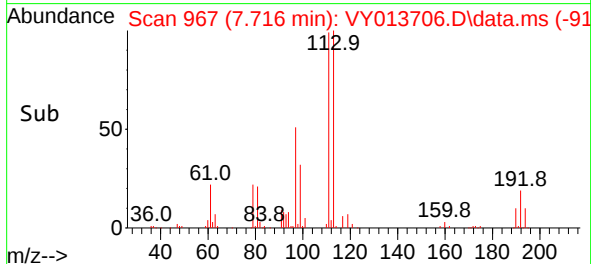
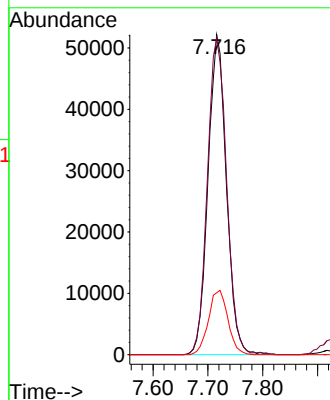
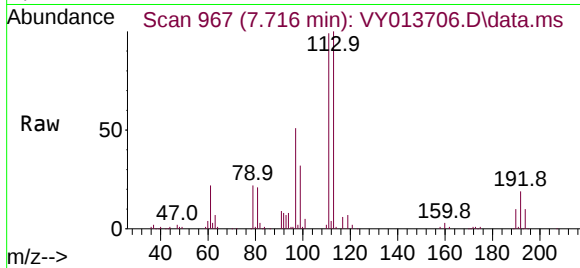




#35
Dibromofluoromethane
Concen: 58.436 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

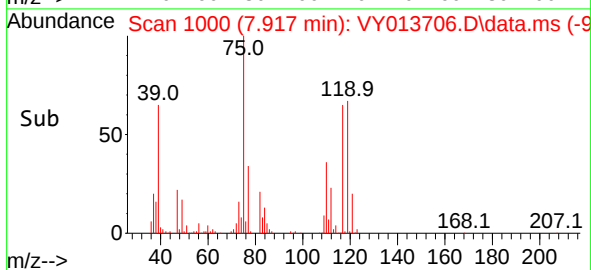
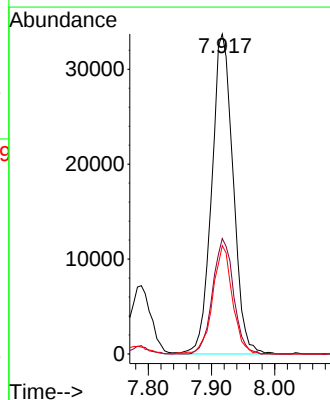
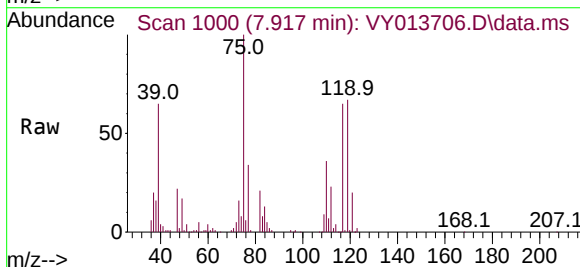
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

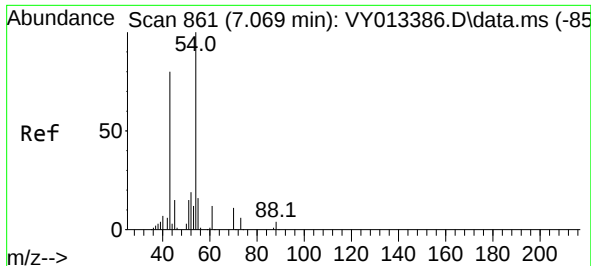
Tgt Ion:113 Resp: 121255
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 22.981 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 75 Resp: 79141
Ion Ratio Lower Upper
75 100
110 35.2 18.7 56.1
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 20.622 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.007 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

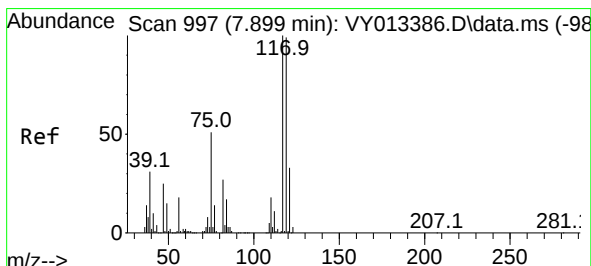
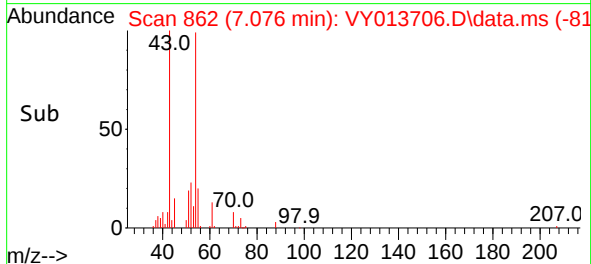
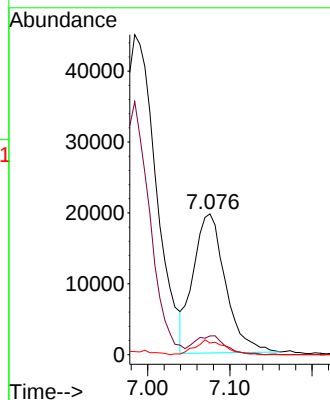
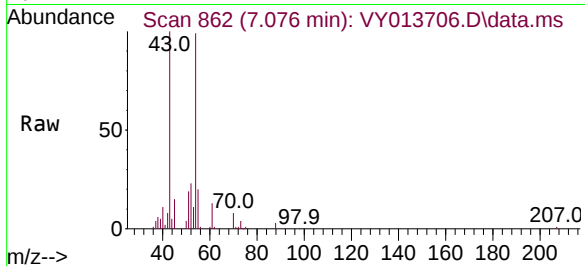
Tgt Ion: 43 Resp: 53443

Ion Ratio Lower Upper

43 100

61 13.0 11.4 17.0

70 9.6 7.9 11.9



#38

Carbon Tetrachloride

Concen: 25.642 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

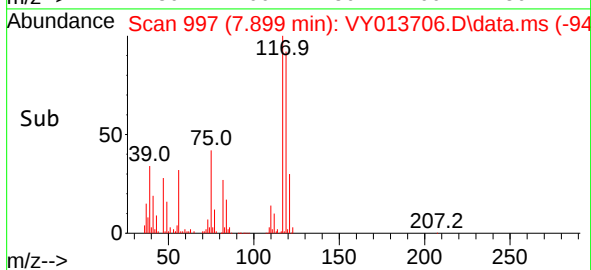
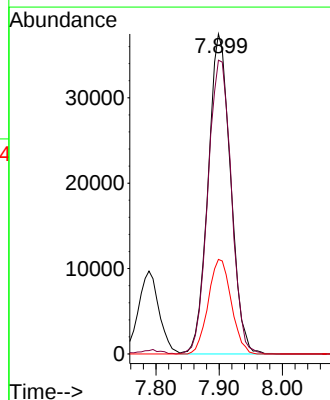
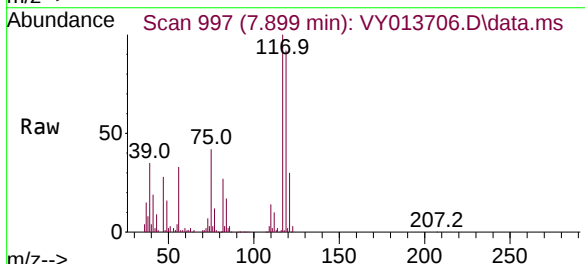
Tgt Ion: 117 Resp: 92553

Ion Ratio Lower Upper

117 100

119 91.8 79.0 118.6

121 29.6 26.6 40.0





#39

Methylcyclohexane

Concen: 21.681 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

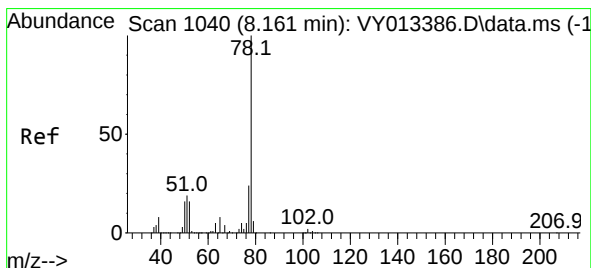
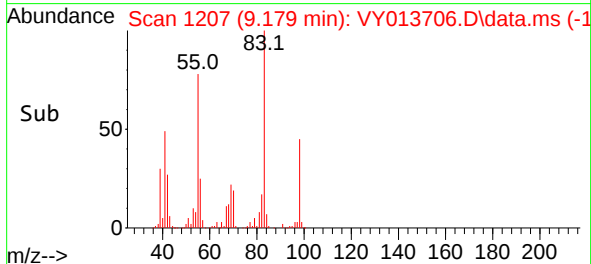
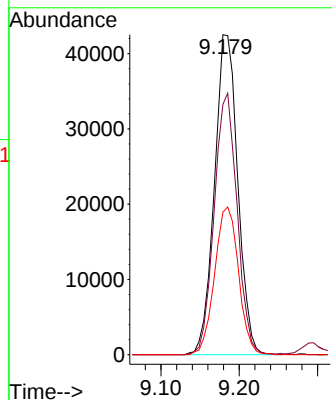
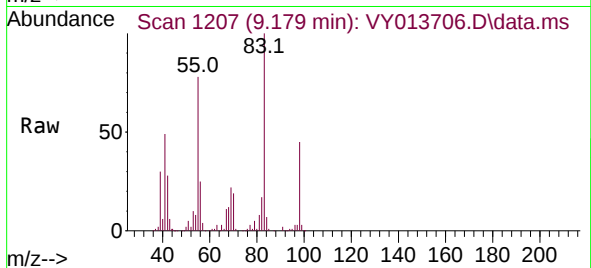
Tgt Ion: 83 Resp: 88022

Ion Ratio Lower Upper

83 100

55 78.3 59.0 88.4

98 44.5 37.0 55.4



#40

Benzene

Concen: 23.845 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013706.D

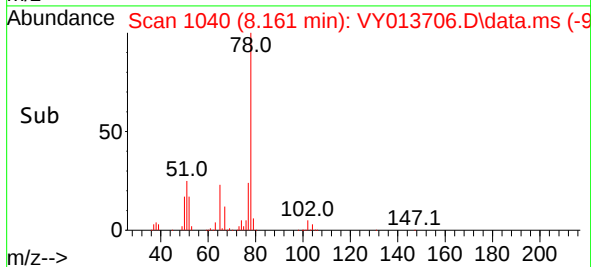
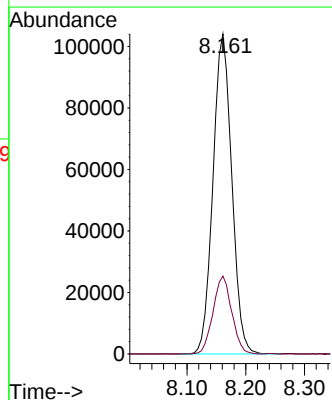
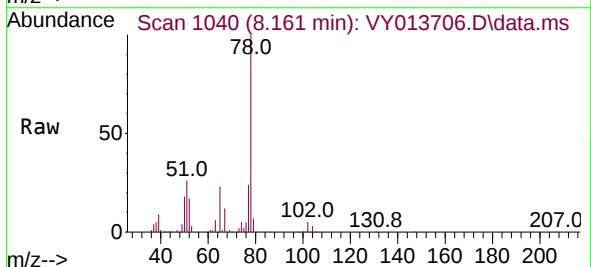
Acq: 11 May 2023 10:43

Tgt Ion: 78 Resp: 231308

Ion Ratio Lower Upper

78 100

77 24.4 19.2 28.8

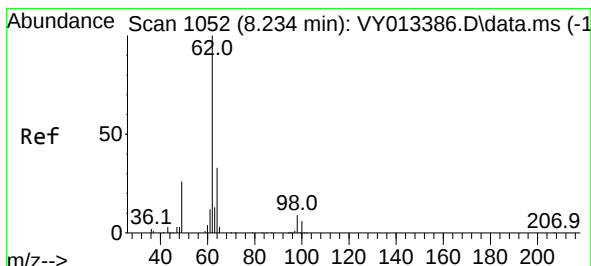
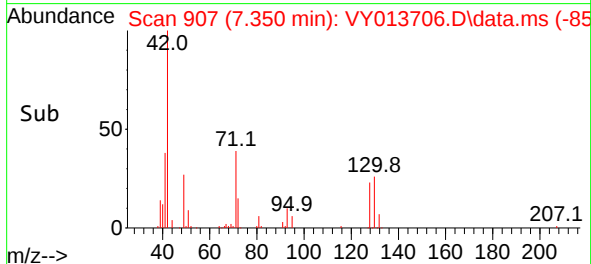
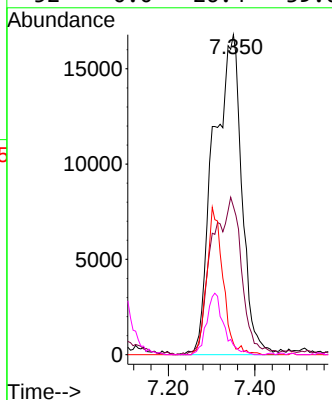
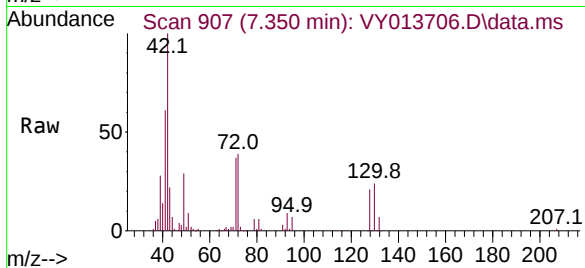




#41
Methacrylonitrile
Concen: 62.971 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

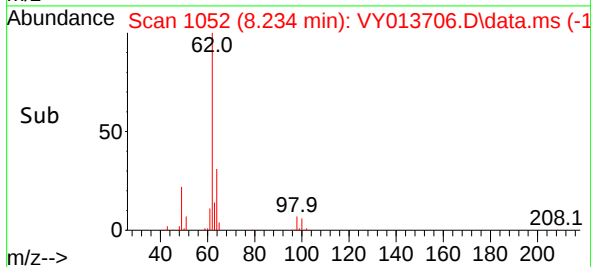
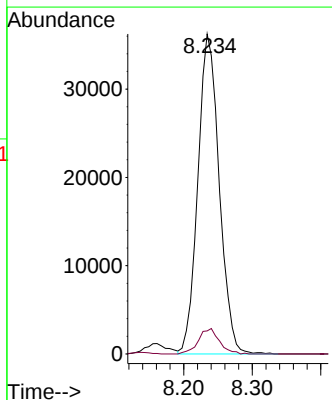
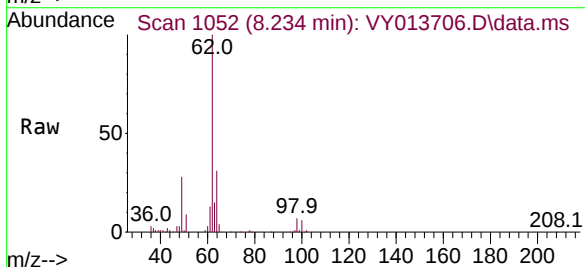
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

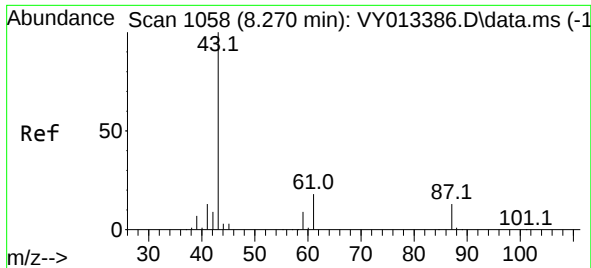
Tgt Ion: 41 Resp: 76047
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 24.823 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 62 Resp: 78725
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.8

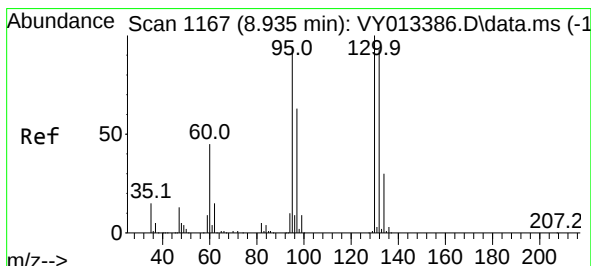
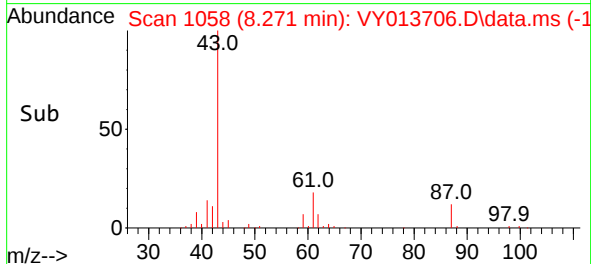
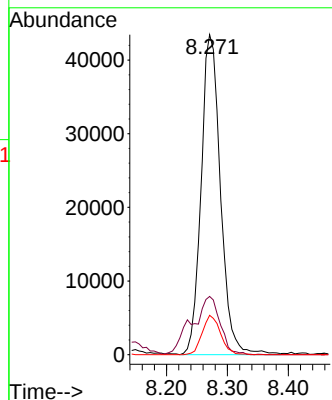
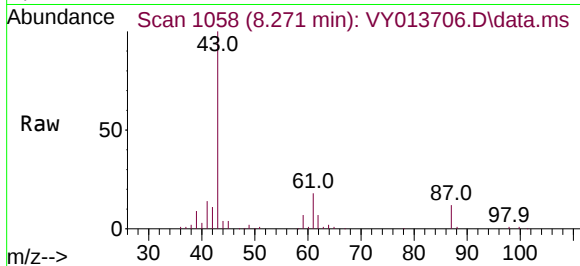




#43
Isopropyl Acetate
Concen: 21.985 ug/l
RT: 8.271 min Scan# 1167
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

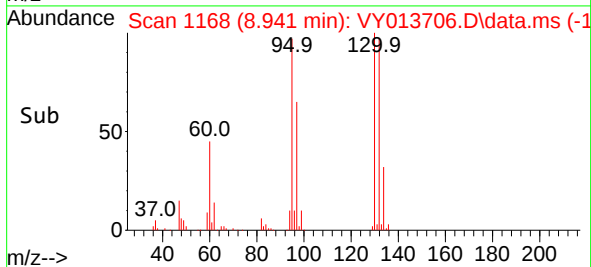
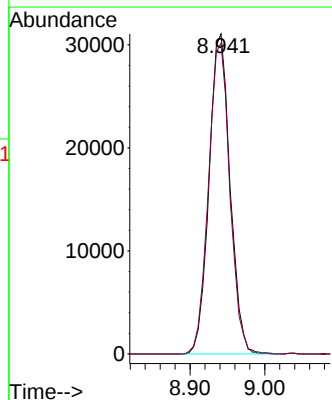
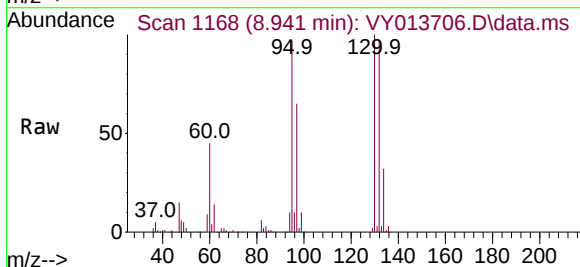
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

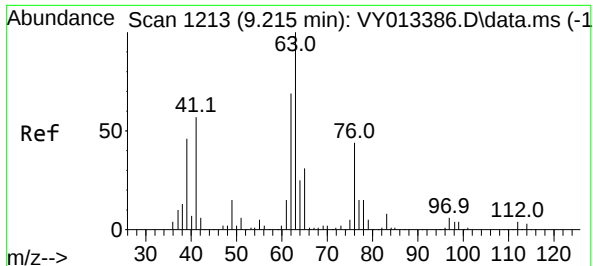
Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.8	22.2	33.4#
87	11.6	11.0	16.6



#44
Trichloroethene
Concen: 23.504 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	188.8





#45

1,2-Dichloropropane

Concen: 23.316 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

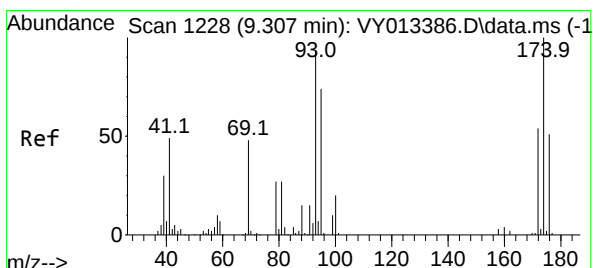
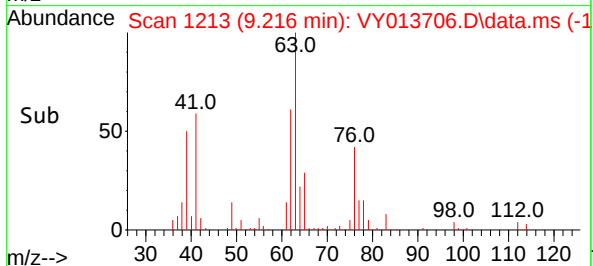
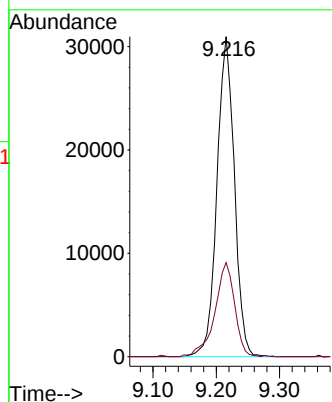
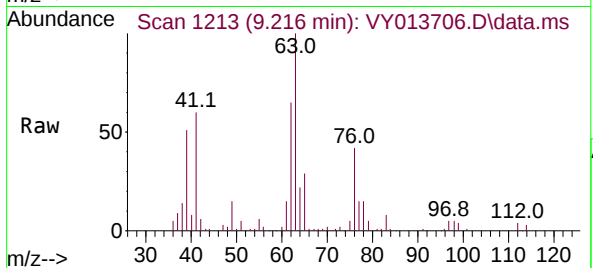
VY0511SBS01

Tgt Ion: 63 Resp: 59137

Ion Ratio Lower Upper

63 100

65 29.4 24.6 37.0



#46

Dibromomethane

Concen: 23.470 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

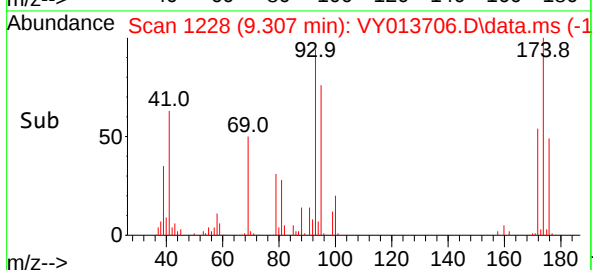
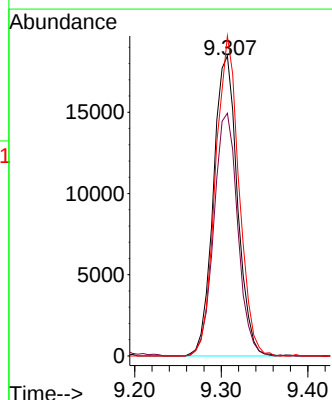
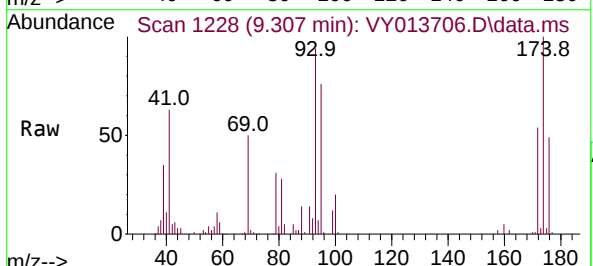
Tgt Ion: 93 Resp: 35618

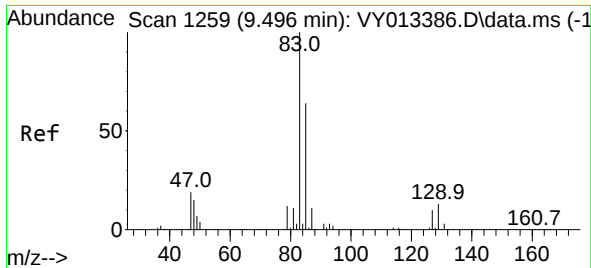
Ion Ratio Lower Upper

93 100

95 80.3 67.1 100.7

174 104.2 87.0 130.4

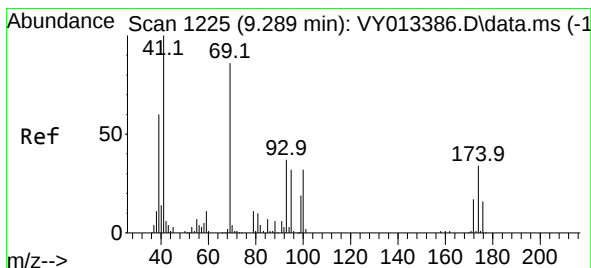
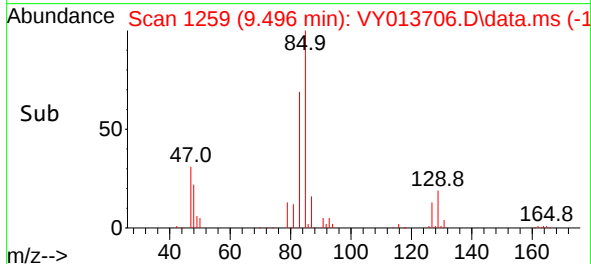
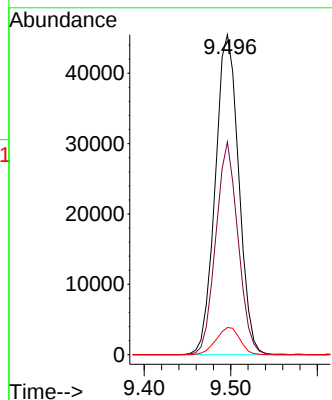
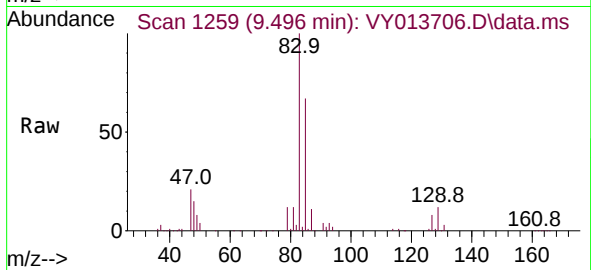




#47
Bromodichloromethane
Concen: 25.184 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

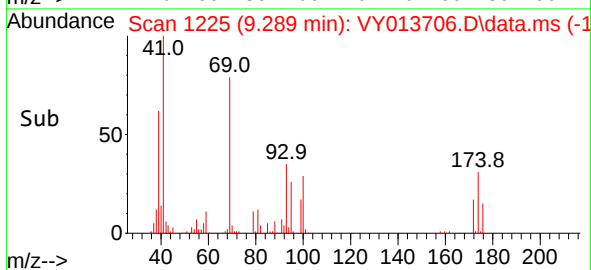
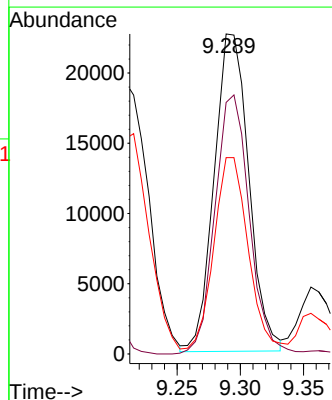
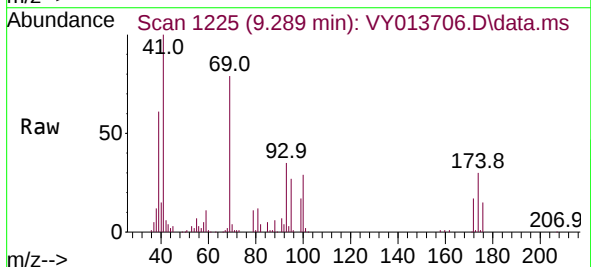
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

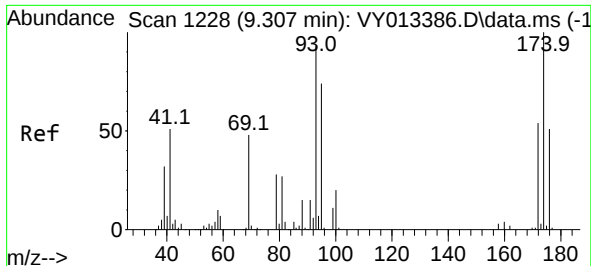
Tgt Ion: 83 Resp: 85521
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.2
127 8.5 8.1 12.1



#48
Methyl methacrylate
Concen: 21.445 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 41 Resp: 43081
Ion Ratio Lower Upper
41 100
69 81.0 70.2 105.4
39 59.4 47.9 71.9





#49

1,4-Dioxane

Concen: 429.165 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

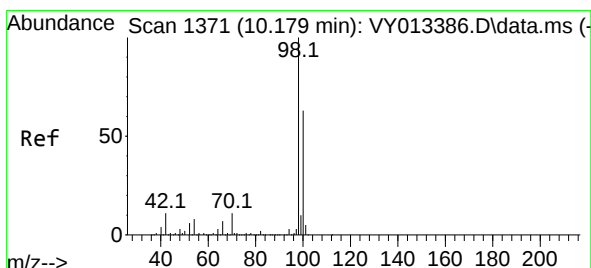
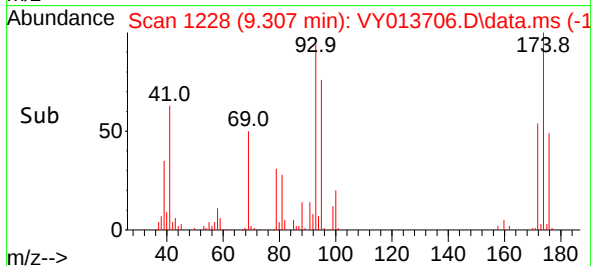
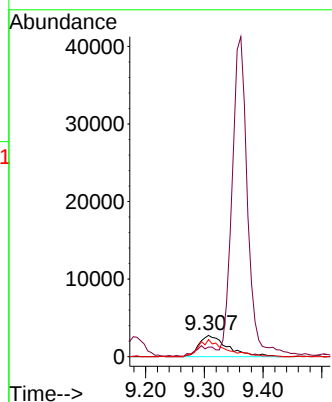
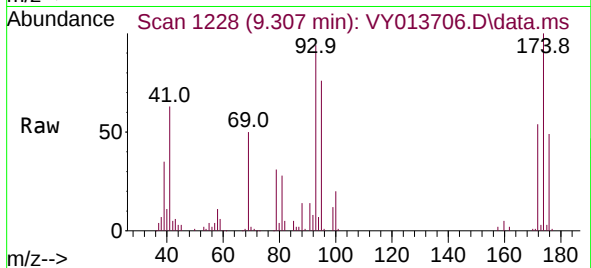
Tgt Ion: 88 Resp: 9302

Ion Ratio Lower Upper

88 100

43 32.7 16.8 25.2#

58 75.7 54.3 81.5



#50

Toluene-d8

Concen: 55.462 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013706.D

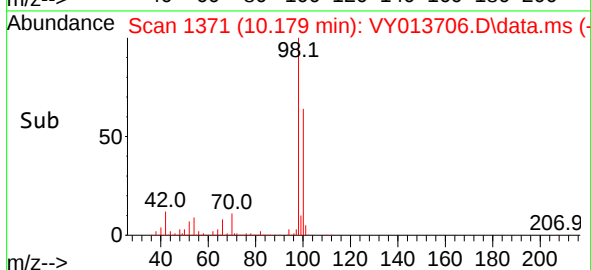
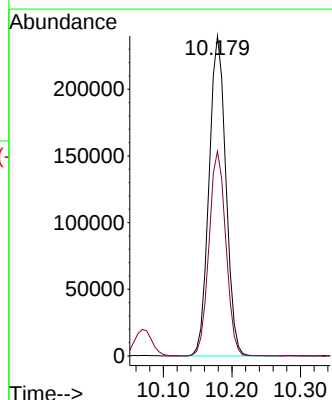
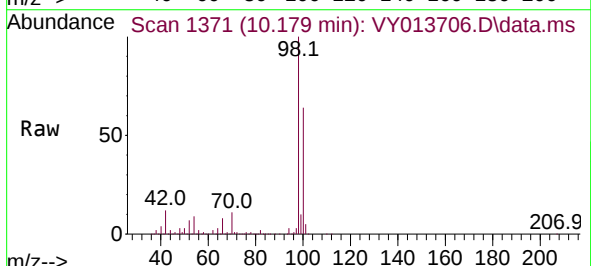
Acq: 11 May 2023 10:43

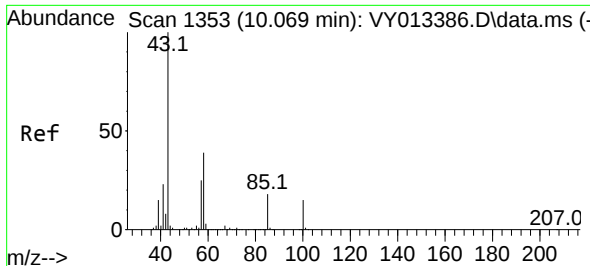
Tgt Ion: 98 Resp: 409403

Ion Ratio Lower Upper

98 100

100 63.9 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 110.938 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

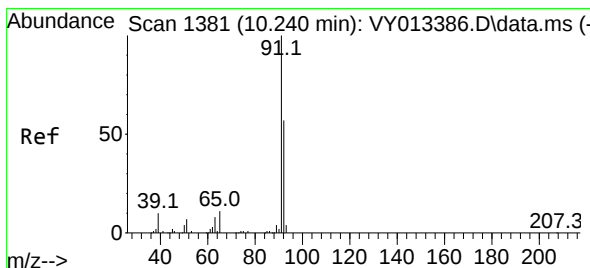
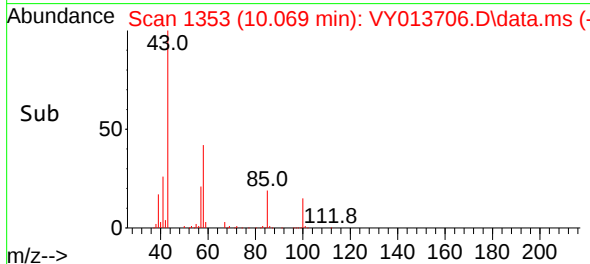
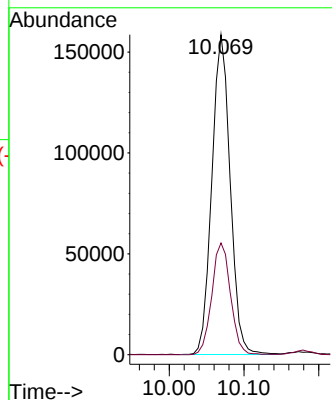
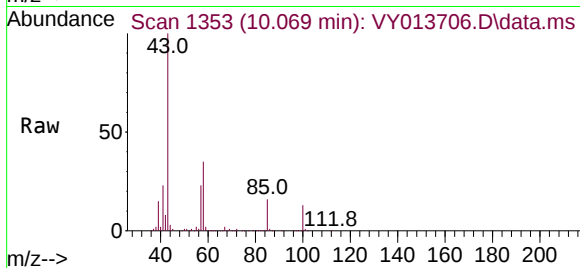
VY0511SBS01

Tgt Ion: 43 Resp: 270416

Ion Ratio Lower Upper

43 100

58 35.6 30.6 46.0



#52

Toluene

Concen: 24.472 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY013706.D

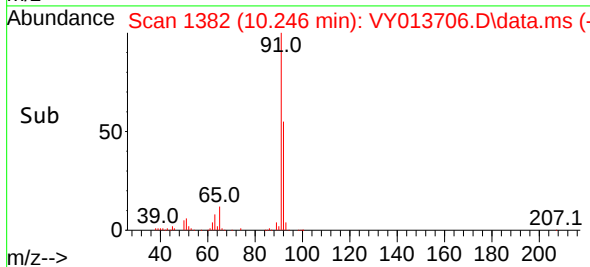
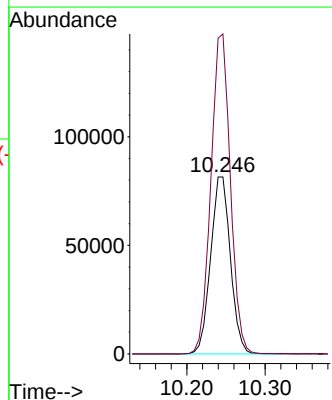
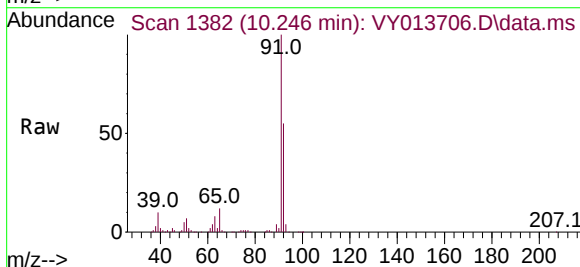
Acq: 11 May 2023 10:43

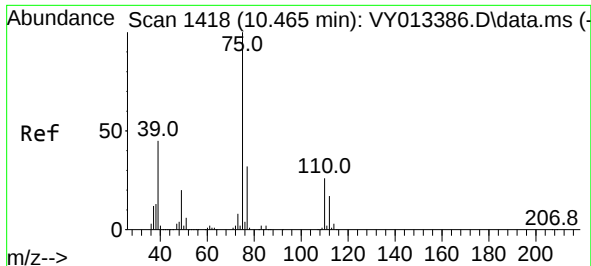
Tgt Ion: 92 Resp: 142855

Ion Ratio Lower Upper

92 100

91 178.4 140.2 210.4

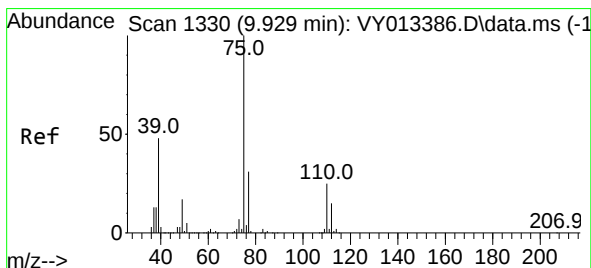
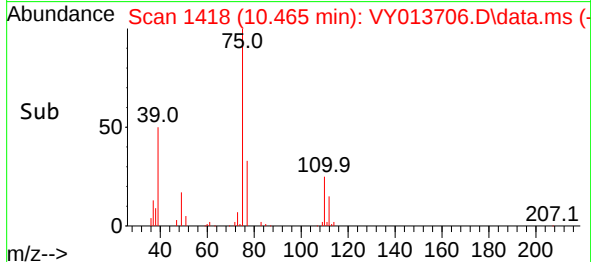
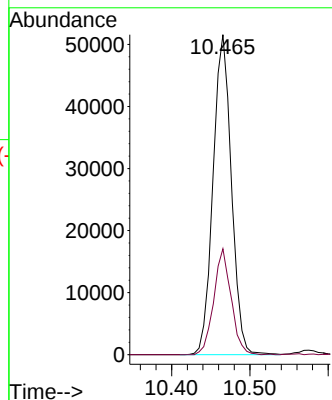
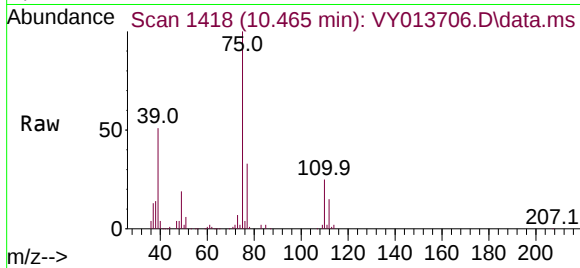




#53
 t-1,3-Dichloropropene
 Concen: 23.379 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

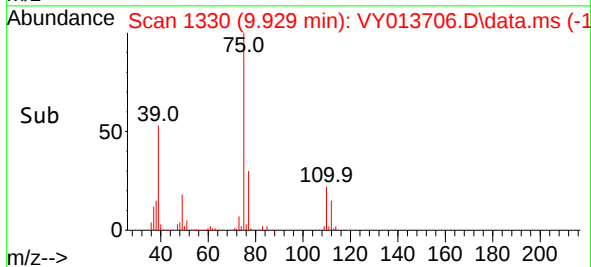
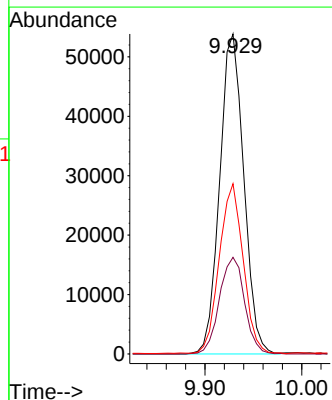
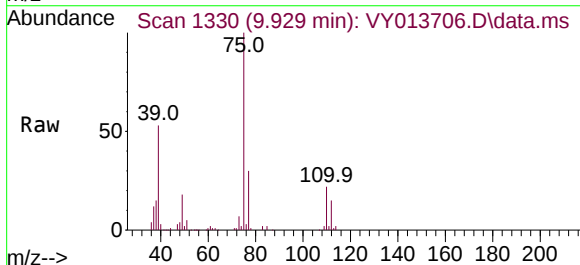
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

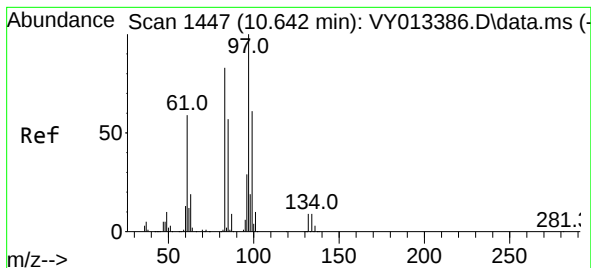
Tgt Ion: 75 Resp: 84025
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 23.037 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

Tgt Ion: 75 Resp: 93162
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.8 37.2
 39 52.9 38.1 57.1

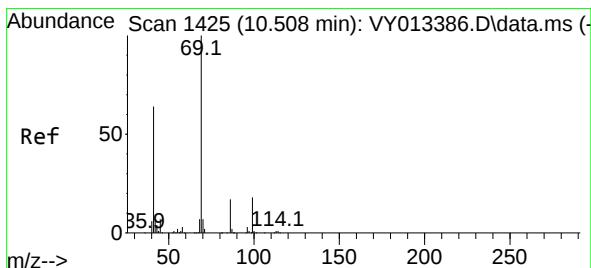
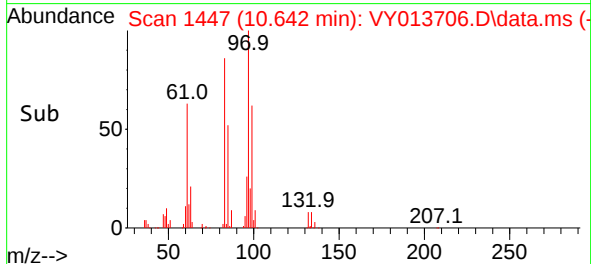
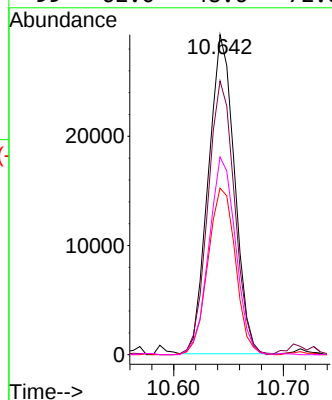
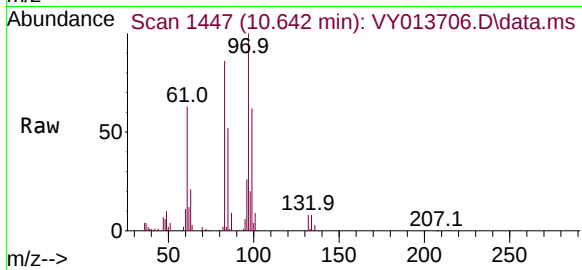




#55
1,1,2-Trichloroethane
Concen: 24.171 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

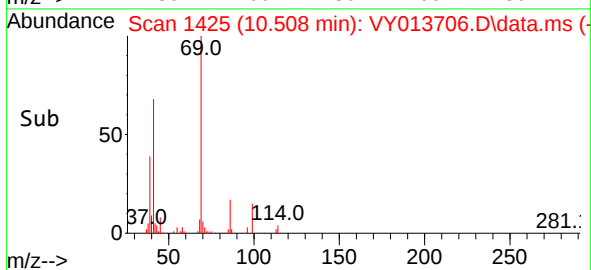
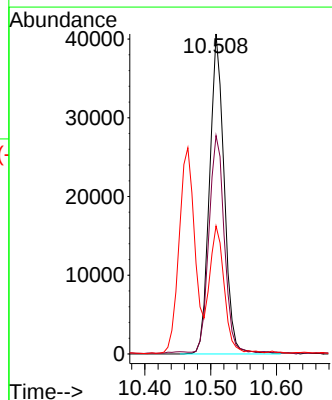
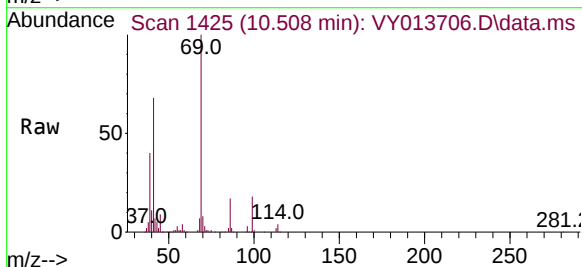
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

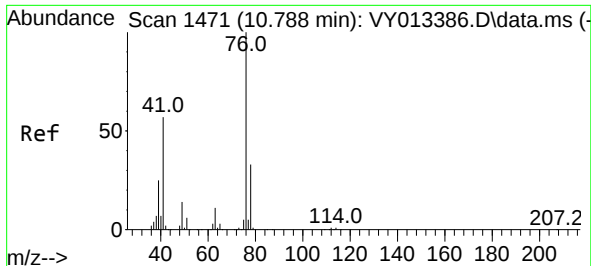
Tgt Ion: 97	Resp: 48578
Ion Ratio	Lower Upper
97 100	
83 85.5	66.4 99.6
85 52.2	45.6 68.4
99 62.0	48.6 72.8



#56
Ethyl methacrylate
Concen: 22.611 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 69	Resp: 63046
Ion Ratio	Lower Upper
69 100	
41 70.5	51.4 77.0
39 38.8	29.0 43.6





#57

1,3-Dichloropropane

Concen: 24.282 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

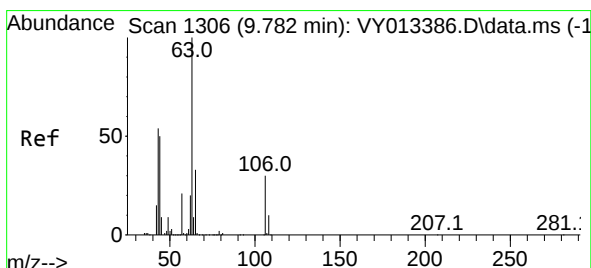
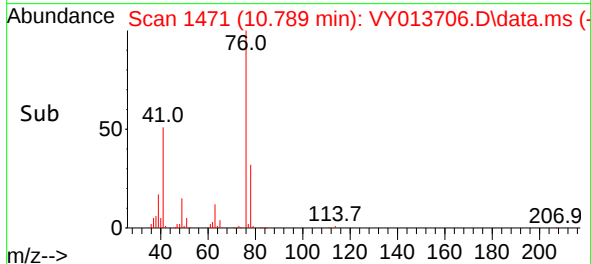
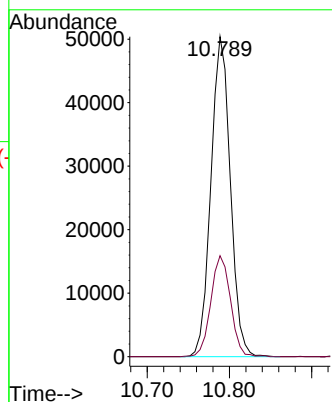
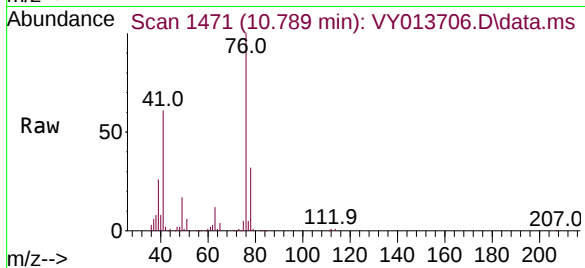
VY0511SBS01

Tgt Ion: 76 Resp: 82649

Ion Ratio Lower Upper

76 100

78 32.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 118.183 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013706.D

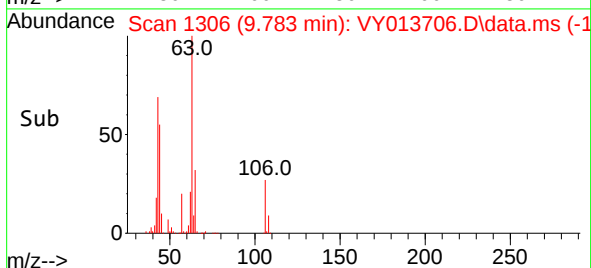
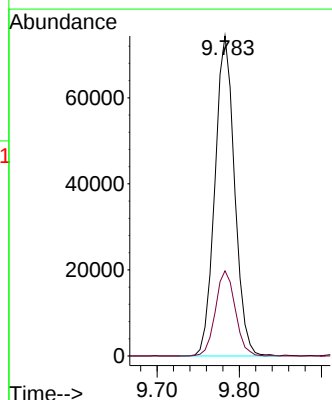
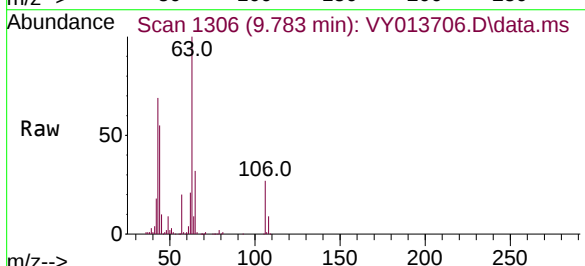
Acq: 11 May 2023 10:43

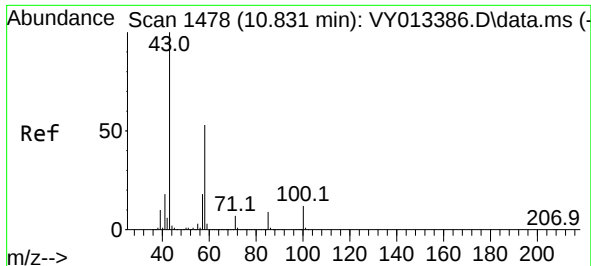
Tgt Ion: 63 Resp: 123566

Ion Ratio Lower Upper

63 100

106 26.8 23.5 35.3

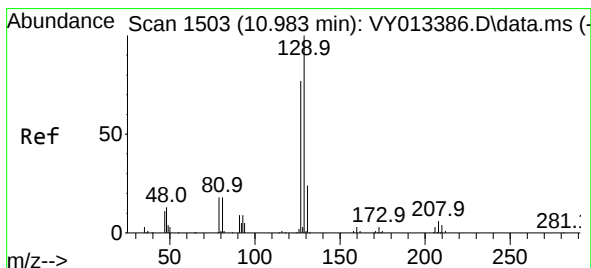
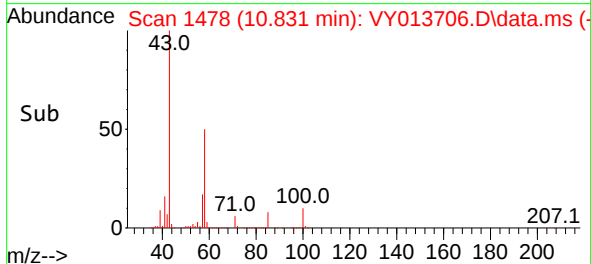
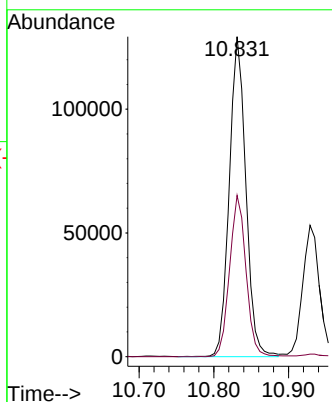
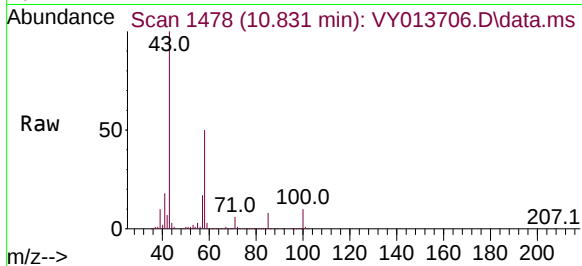




#59
2-Hexanone
Concen: 112.624 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

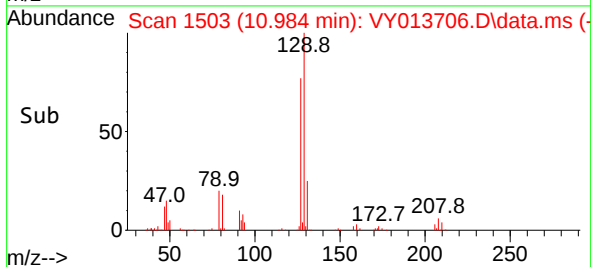
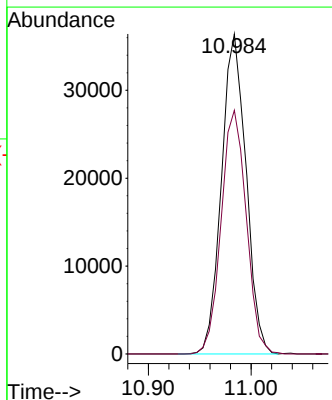
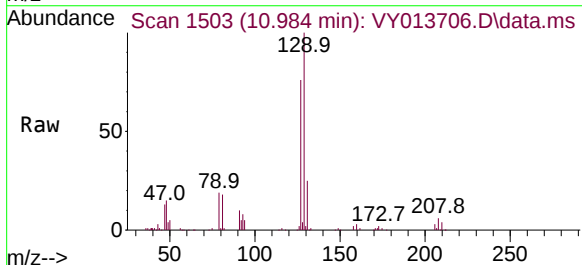
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

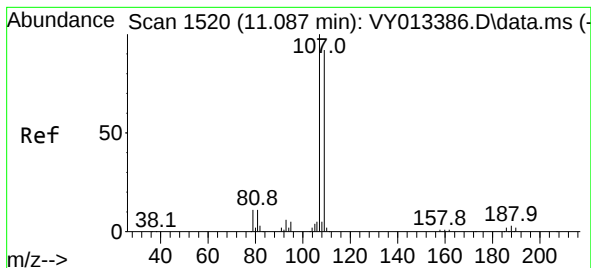
Tgt Ion: 43 Resp: 199557
Ion Ratio Lower Upper
43 100
58 50.1 26.3 78.8



#60
Dibromochloromethane
Concen: 24.762 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 129 Resp: 60426
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

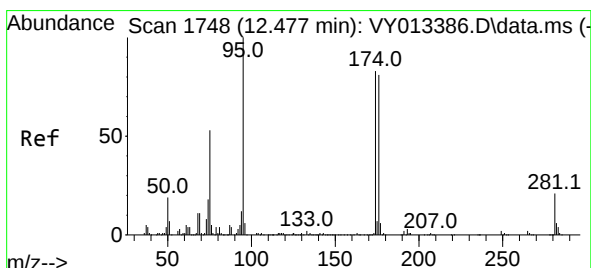
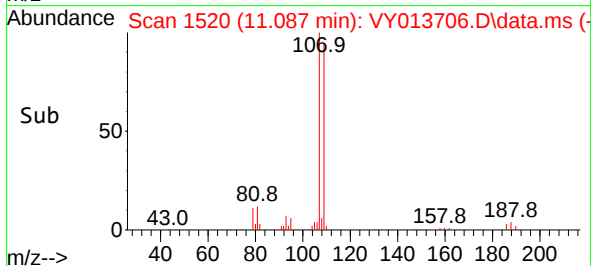
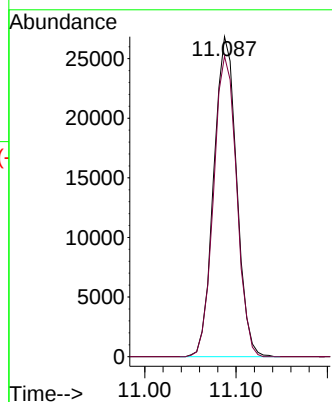
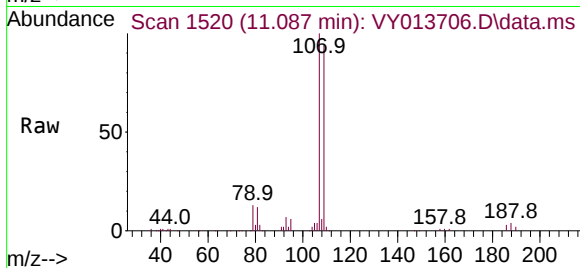




#61
1,2-Dibromoethane
Concen: 23.593 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

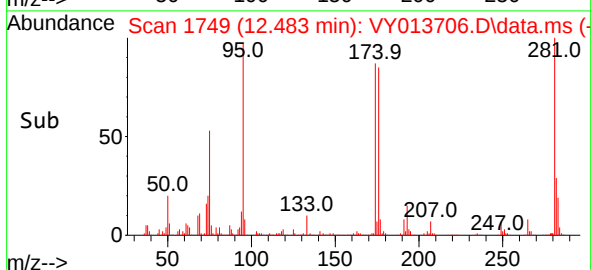
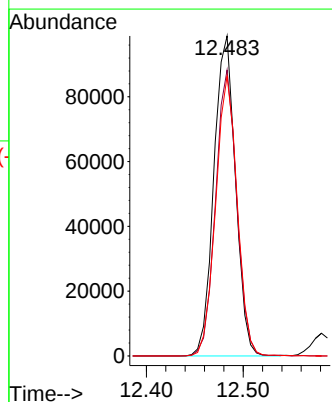
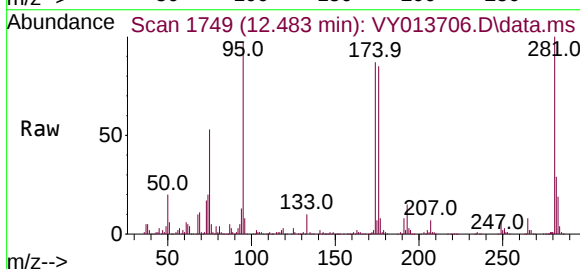
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

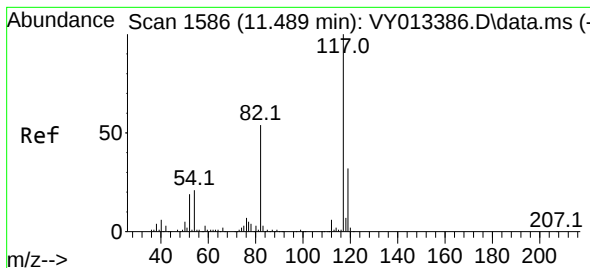
Tgt Ion:107 Resp: 46617
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 61.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 95 Resp: 153144
Ion Ratio Lower Upper
95 100
174 87.9 0.0 182.0
176 87.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

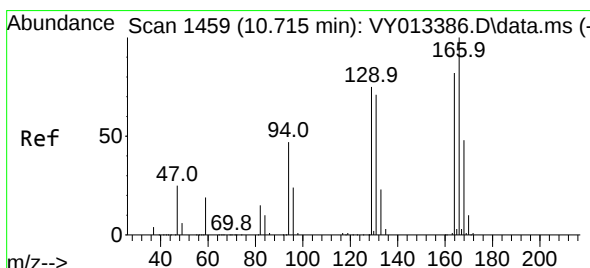
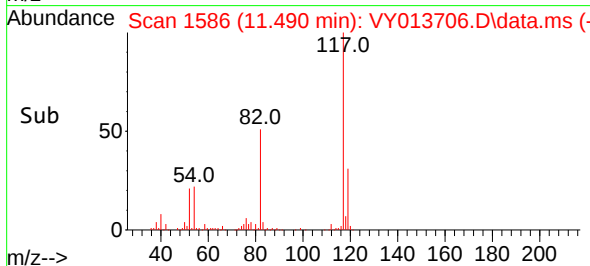
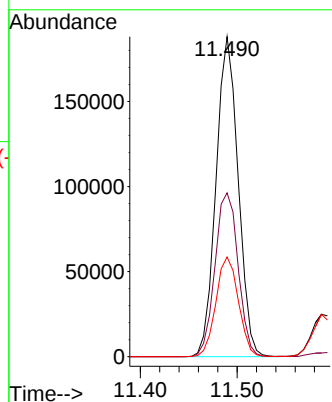
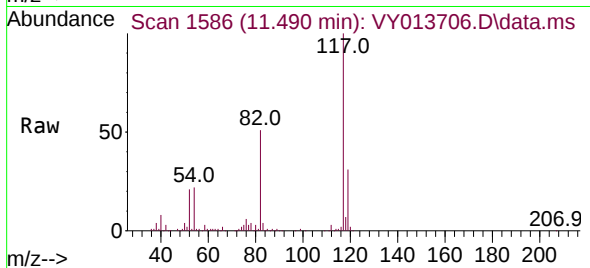
Tgt Ion:117 Resp: 298503

Ion Ratio Lower Upper

117 100

82 51.2 43.0 64.6

119 31.2 25.5 38.3



#64

Tetrachloroethene

Concen: 23.537 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Tgt Ion:164 Resp: 53424

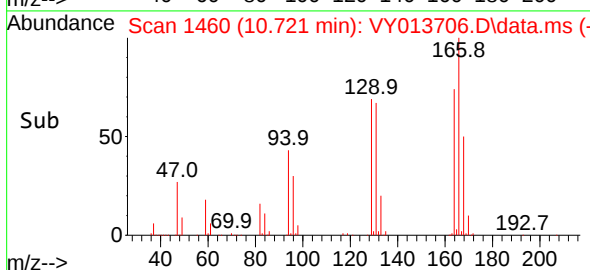
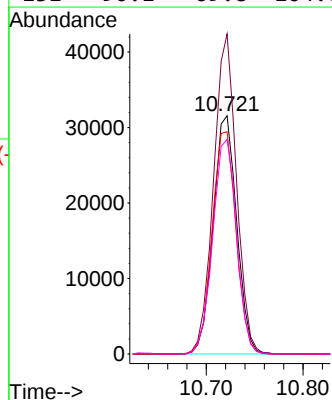
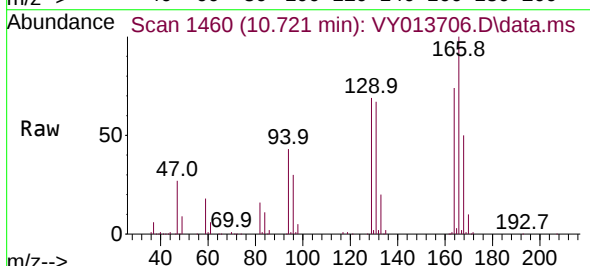
Ion Ratio Lower Upper

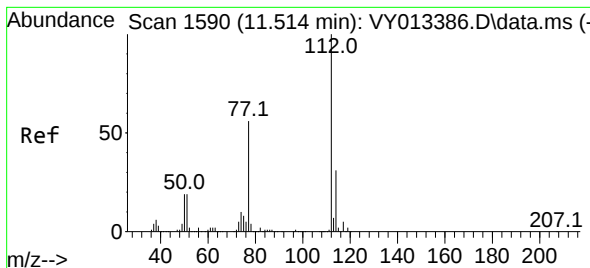
164 100

166 134.3 97.5 146.3

129 93.3 72.6 109.0

131 90.1 69.8 104.6

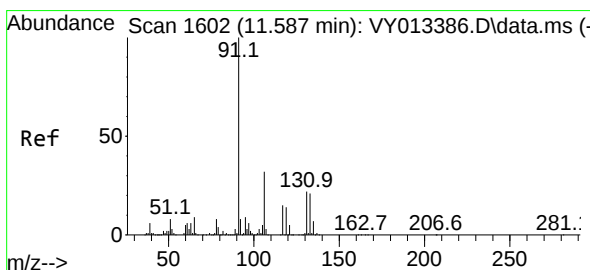
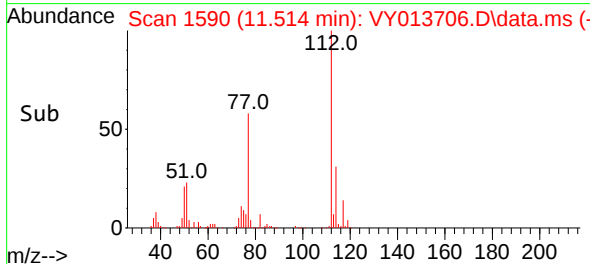
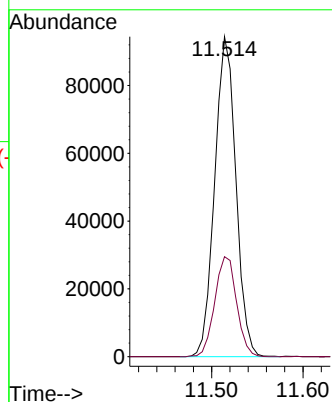
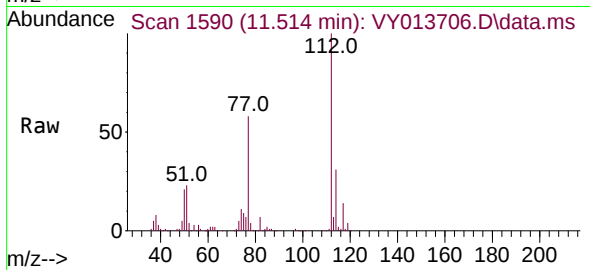




#65
Chlorobenzene
Concen: 23.390 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

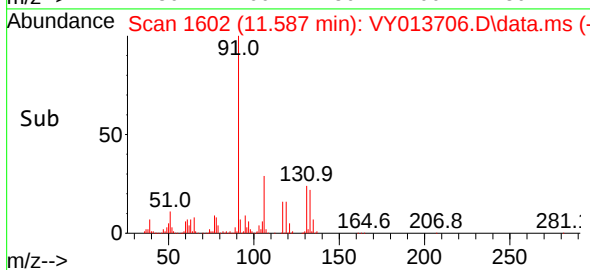
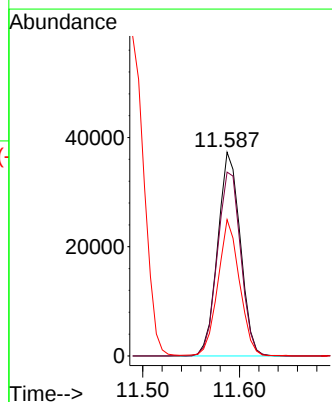
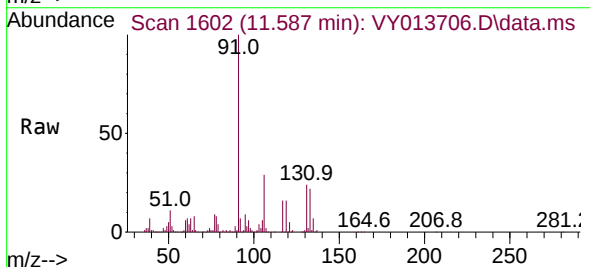
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

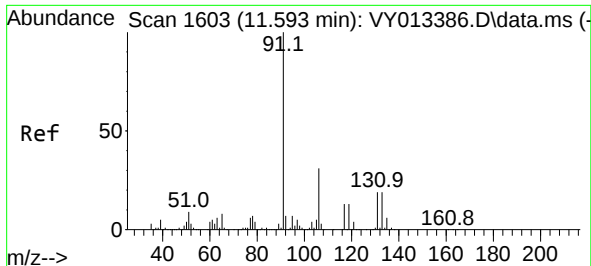
Tgt Ion:112 Resp: 152093
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 24.852 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion:131 Resp: 60439
Ion Ratio Lower Upper
131 100
133 93.3 47.7 143.1
119 64.5 32.6 98.0





#67

Ethyl Benzene

Concen: 23.449 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

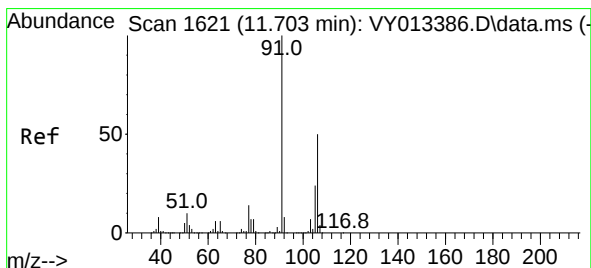
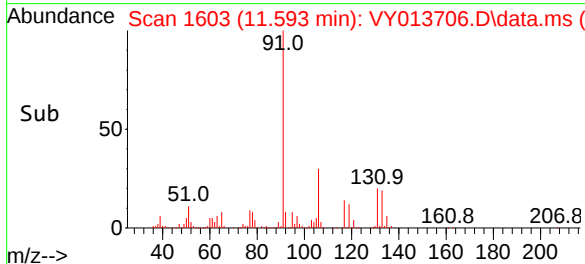
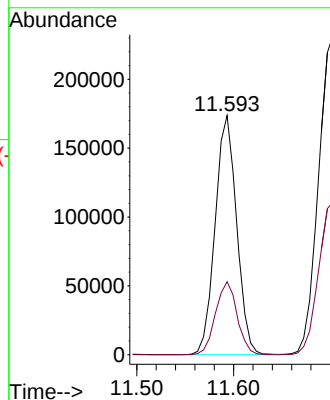
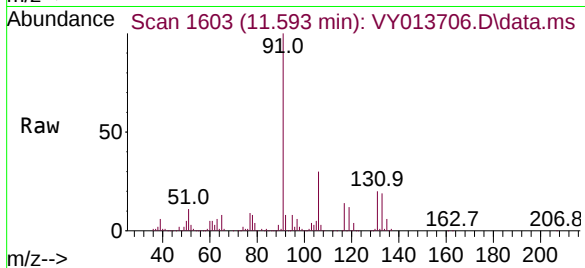
VY0511SBS01

Tgt Ion: 91 Resp: 267750

Ion Ratio Lower Upper

91 100

106 30.5 25.1 37.7



#68

m/p-Xylenes

Concen: 48.004 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013706.D

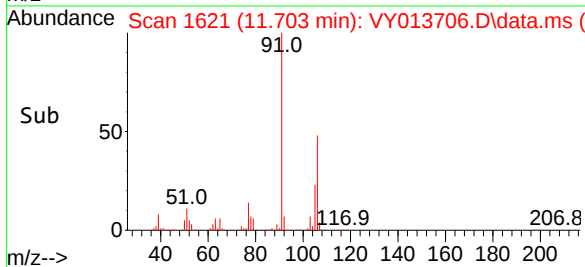
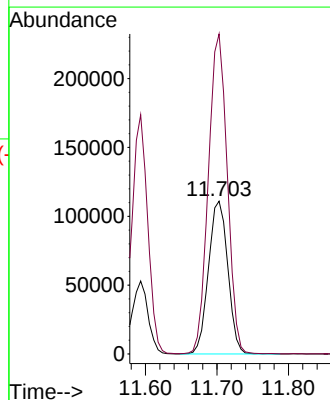
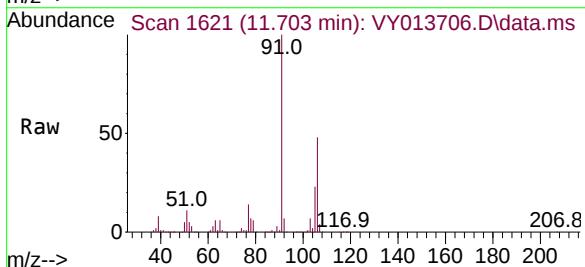
Acq: 11 May 2023 10:43

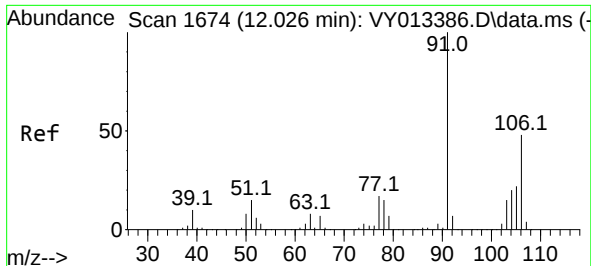
Tgt Ion: 106 Resp: 208374

Ion Ratio Lower Upper

106 100

91 204.7 160.9 241.3

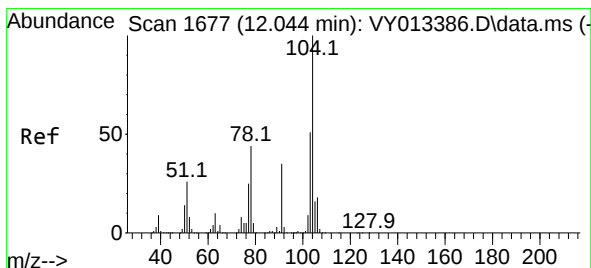
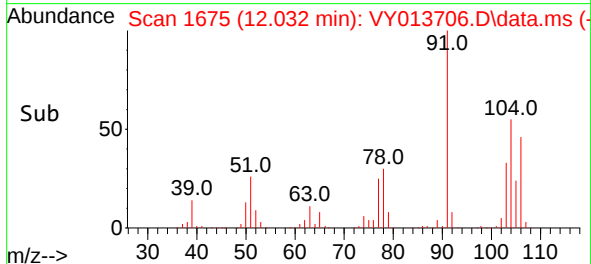
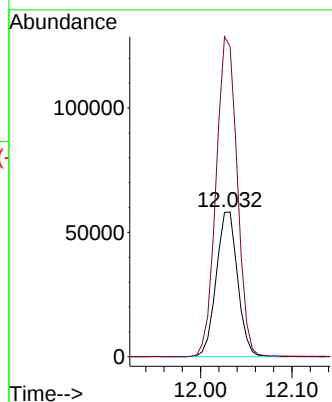
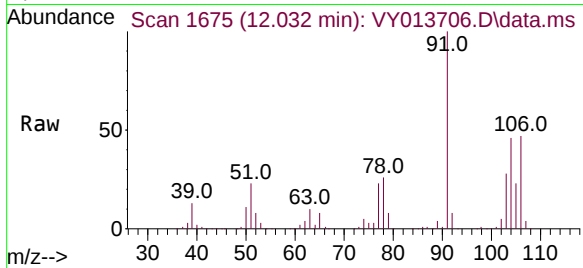




#69
o-Xylene
Concen: 23.061 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

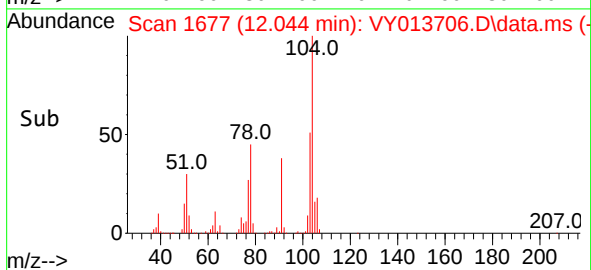
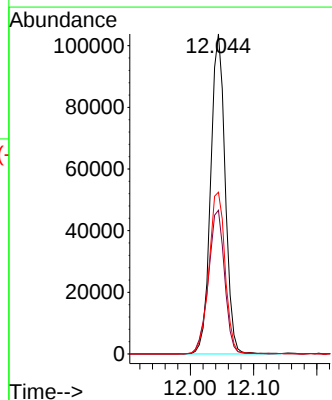
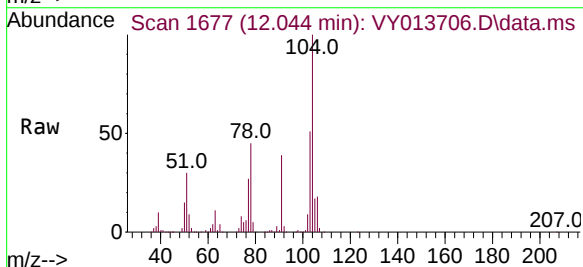
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

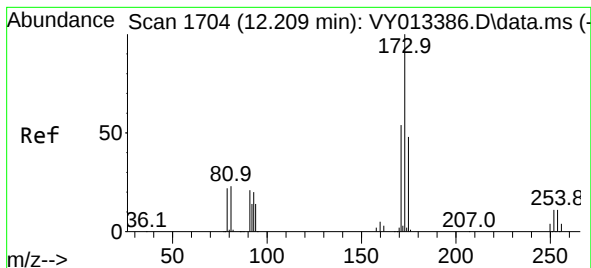
Tgt Ion:106 Resp: 94671
Ion Ratio Lower Upper
106 100
91 219.5 105.5 316.4



#70
Styrene
Concen: 24.165 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion:104 Resp: 165872
Ion Ratio Lower Upper
104 100
78 50.2 40.3 60.5
103 56.5 45.0 67.4





#71

Bromoform

Concen: 24.385 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

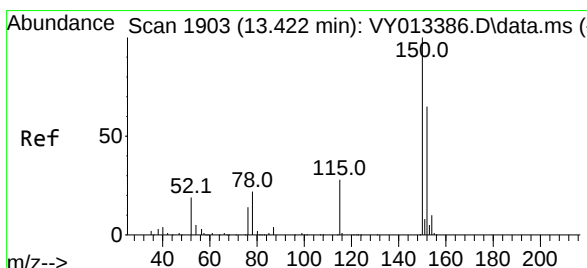
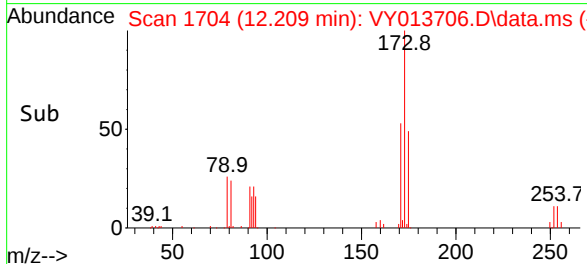
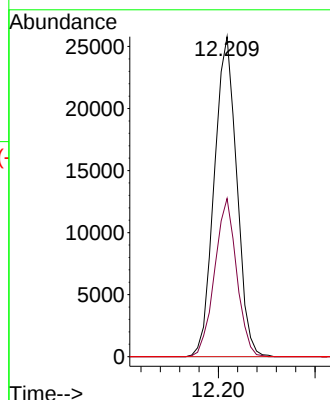
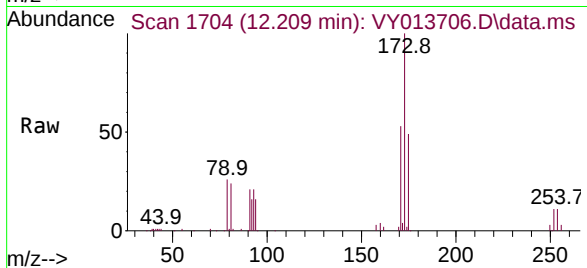
Tgt Ion:173 Resp: 41538

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

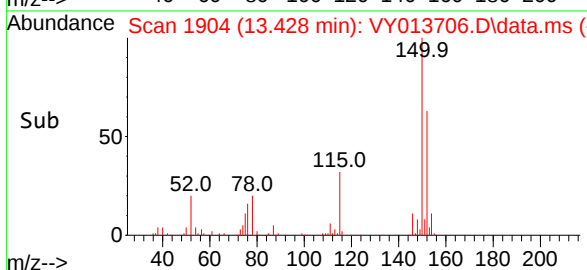
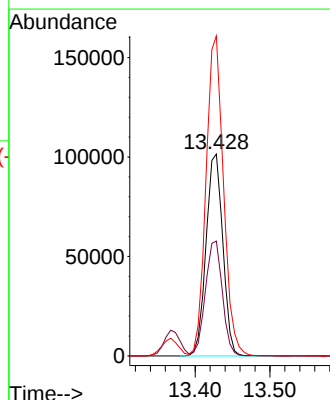
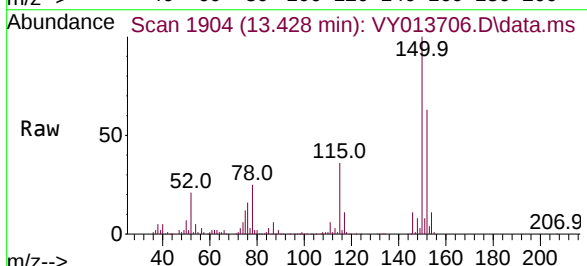
Tgt Ion:152 Resp: 158500

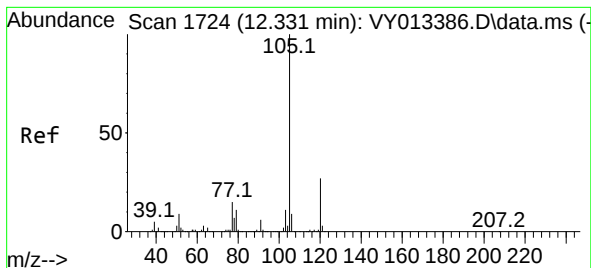
Ion Ratio Lower Upper

152 100

115 57.8 28.1 84.2

150 164.4 0.0 352.0





#73

Isopropylbenzene

Concen: 21.481 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

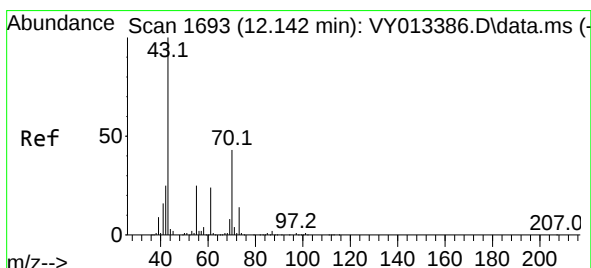
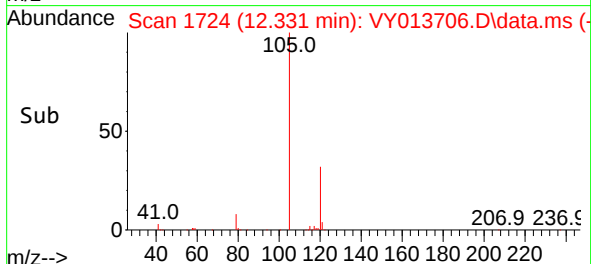
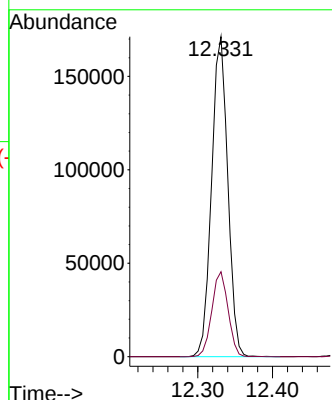
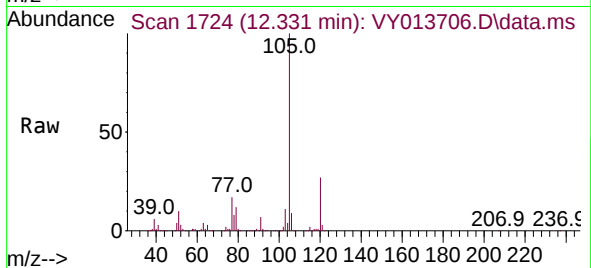
VY0511SBS01

Tgt Ion:105 Resp: 257518

Ion Ratio Lower Upper

105 100

120 26.6 13.7 41.0



#74

N-ethyl acetate

Concen: 18.833 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Tgt Ion: 43 Resp: 80345

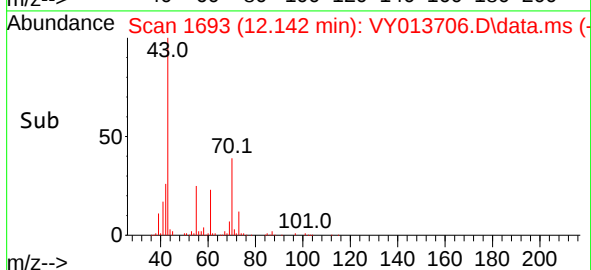
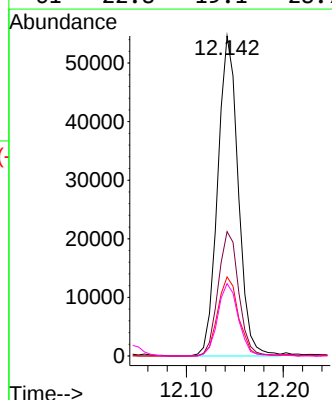
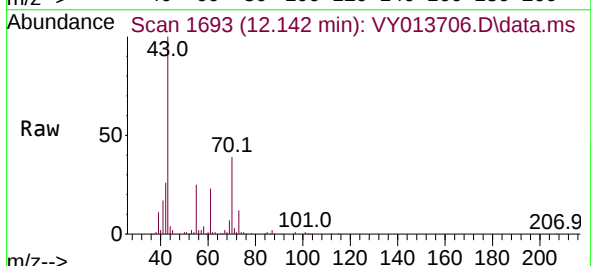
Ion Ratio Lower Upper

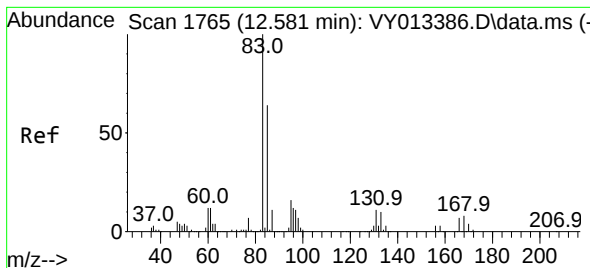
43 100

70 39.0 33.0 49.4

55 25.3 19.8 29.6

61 22.8 19.1 28.7

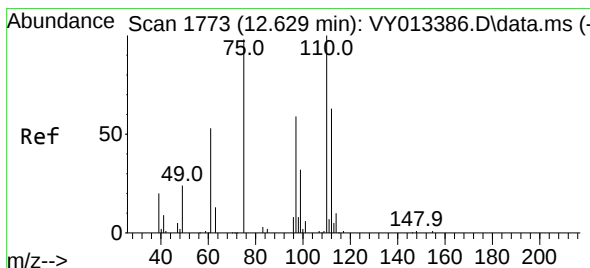
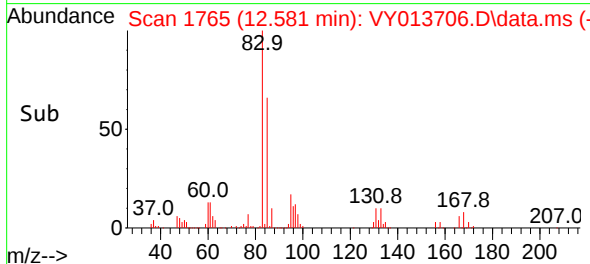
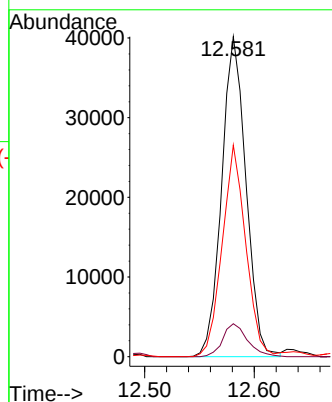
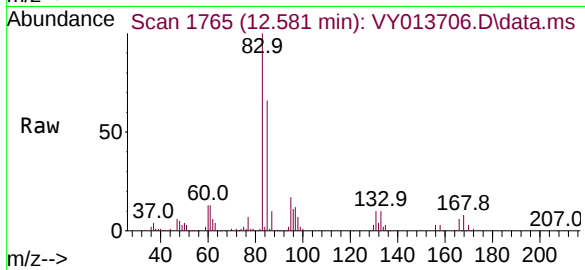




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.137 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

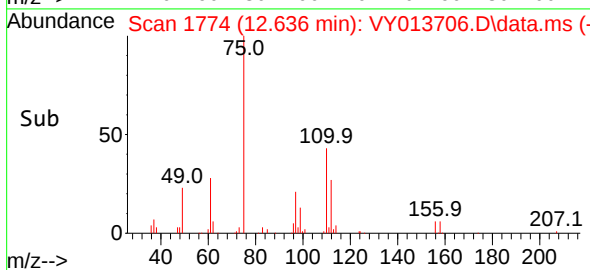
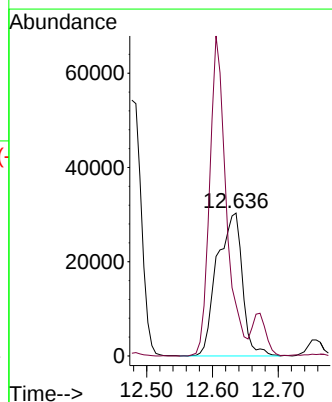
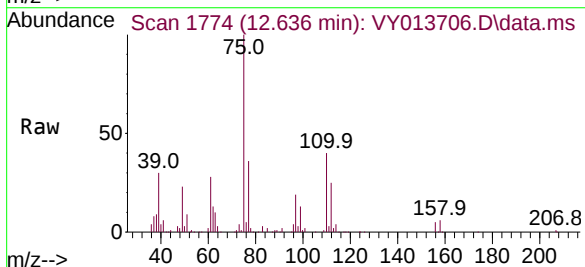
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

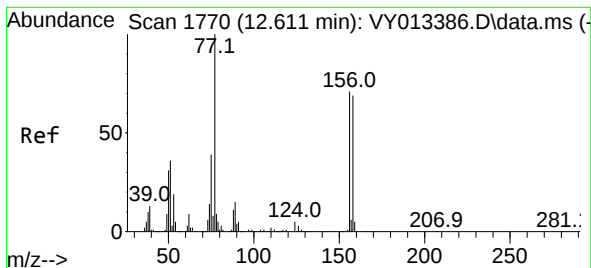
Tgt Ion: 83 Resp: 61938
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.7 17.0
 85 64.1 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 37.982 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.007 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

Tgt Ion: 75 Resp: 81189
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.697 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

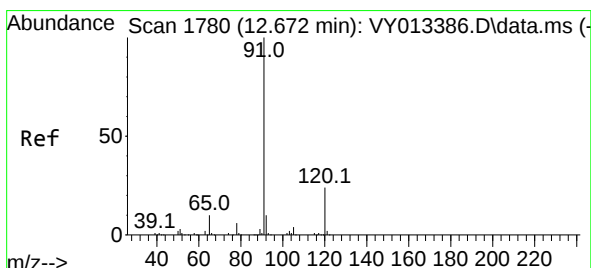
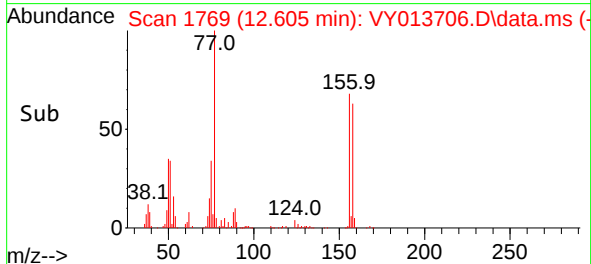
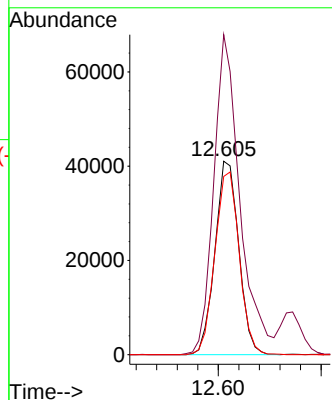
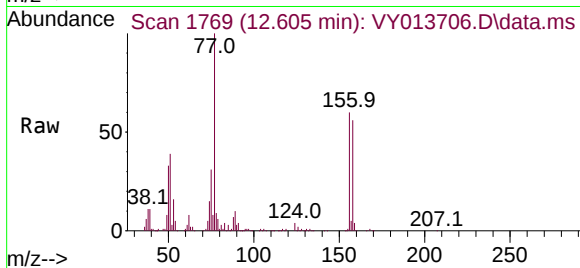
Tgt Ion:156 Resp: 65931

Ion Ratio Lower Upper

156 100

77 181.9 87.6 262.9

158 96.7 48.5 145.5



#78

n-propylbenzene

Concen: 21.929 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013706.D

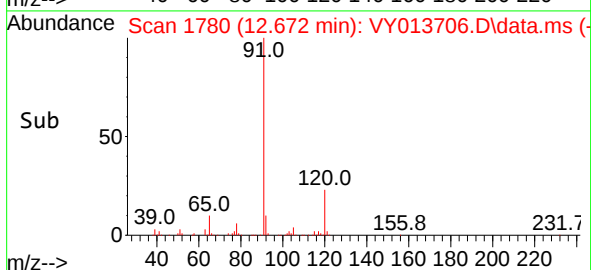
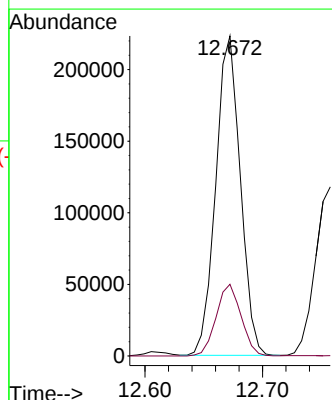
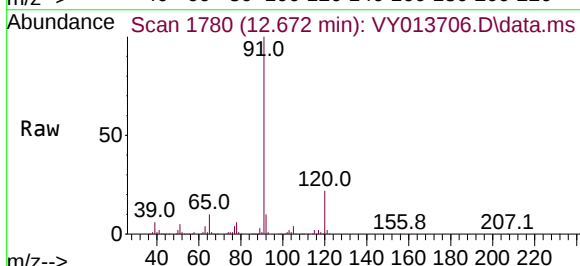
Acq: 11 May 2023 10:43

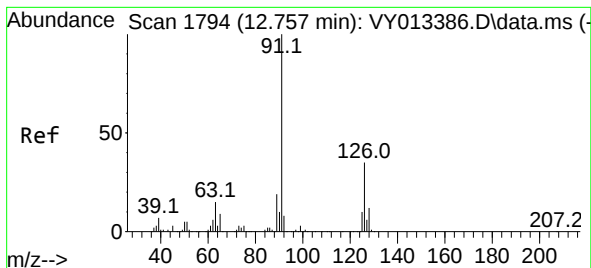
Tgt Ion: 91 Resp: 323819

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.9

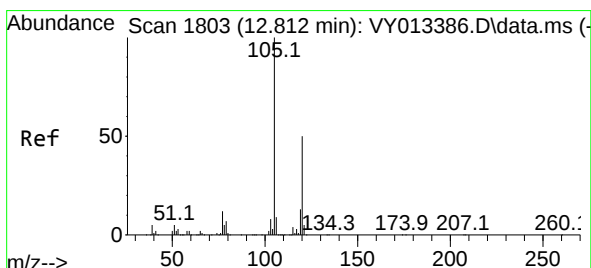
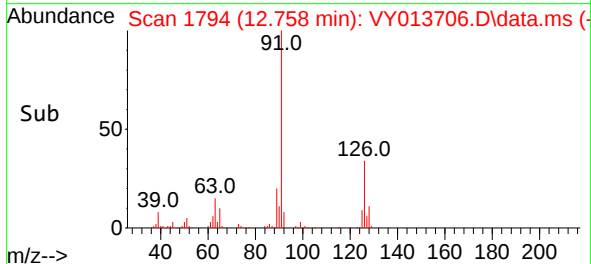
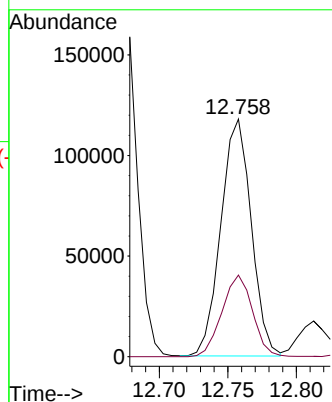
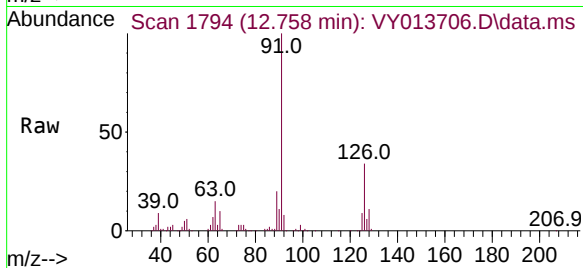




#79
2-Chlorotoluene
Concen: 22.069 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

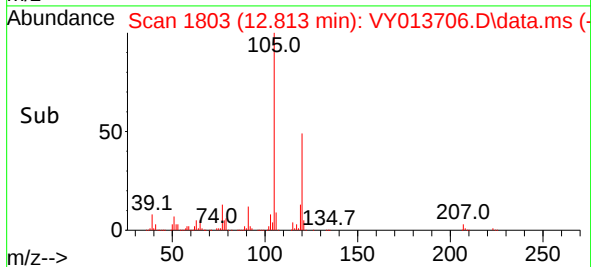
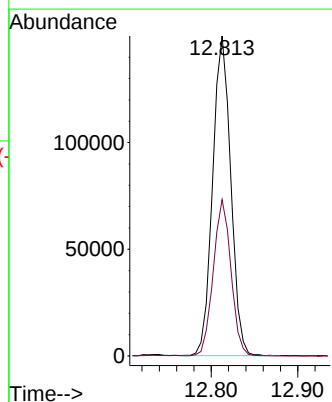
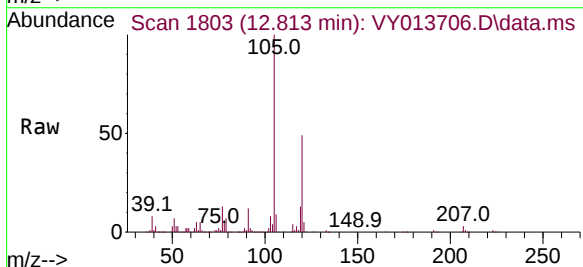
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

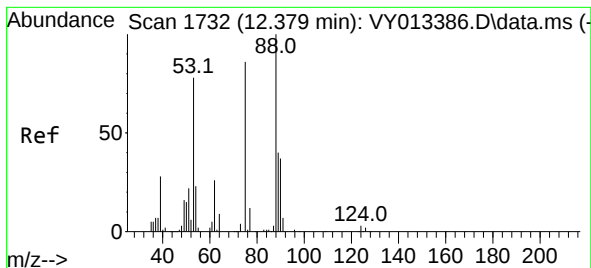
Tgt Ion: 91 Resp: 181977
Ion Ratio Lower Upper
91 100
126 34.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 22.207 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 105 Resp: 217297
Ion Ratio Lower Upper
105 100
120 47.9 24.7 74.1

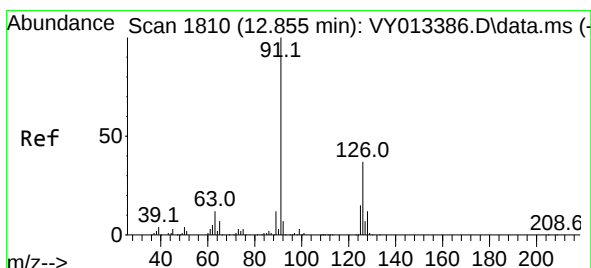
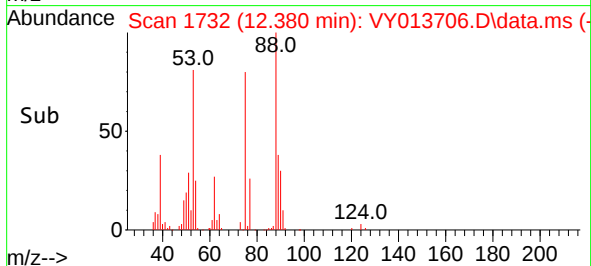
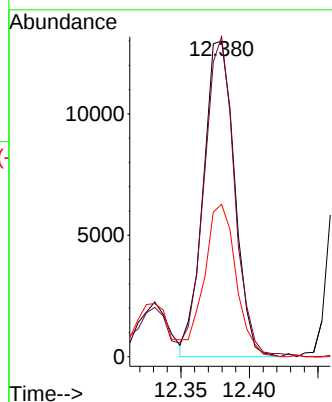
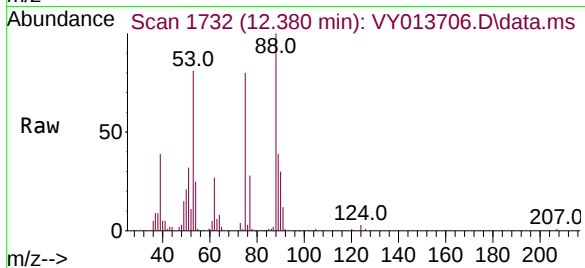




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.763 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. 0.001 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

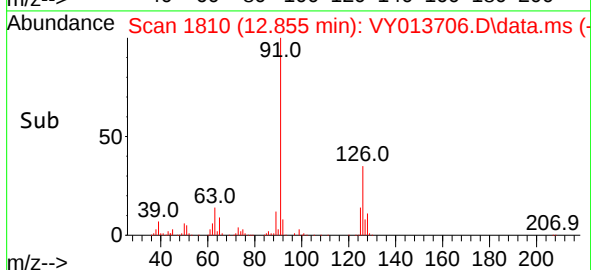
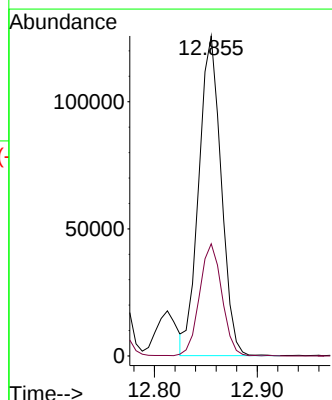
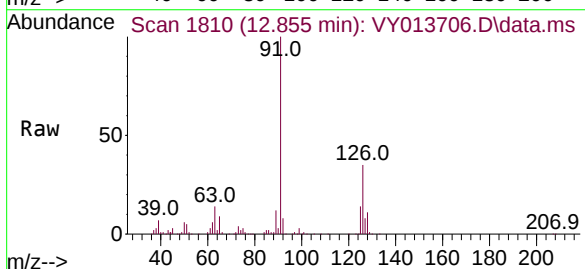
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

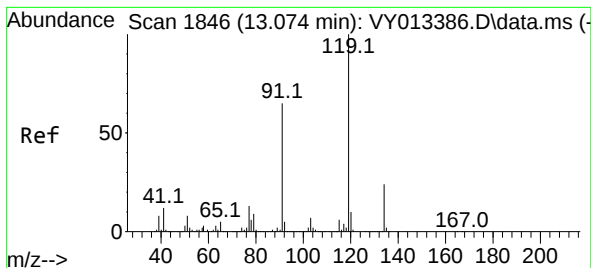
Tgt Ion: 75 Resp: 20652
 Ion Ratio Lower Upper
 75 100
 53 98.5 73.2 109.8
 89 49.2 38.0 57.0



#82
 4-Chlorotoluene
 Concen: 22.123 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY013706.D
 Acq: 11 May 2023 10:43

Tgt Ion: 91 Resp: 190144
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 22.159 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

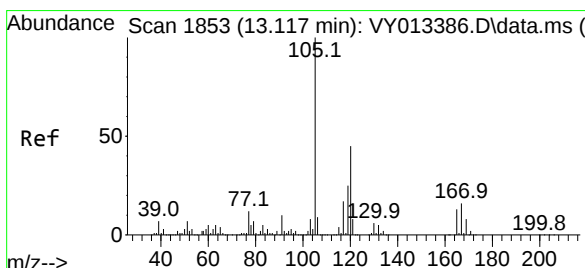
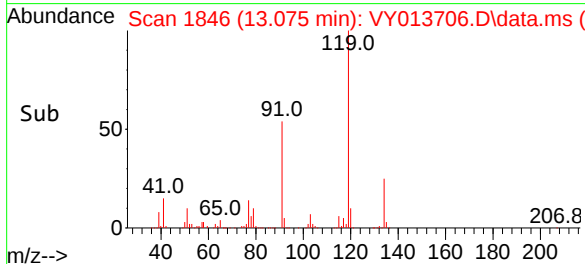
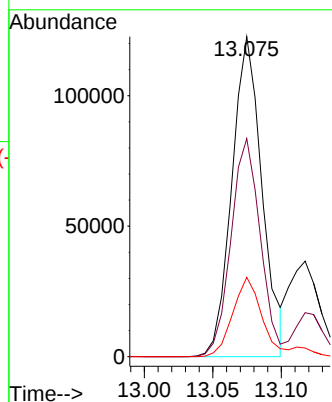
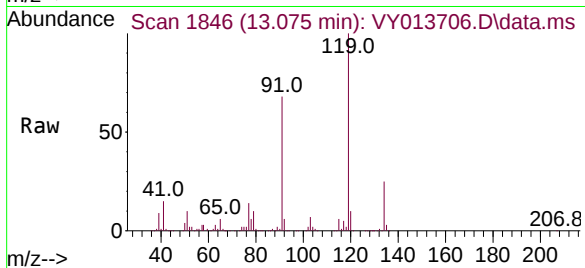
Tgt Ion:119 Resp: 187850

Ion Ratio Lower Upper

119 100

91 66.2 32.2 96.6

134 23.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.852 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013706.D

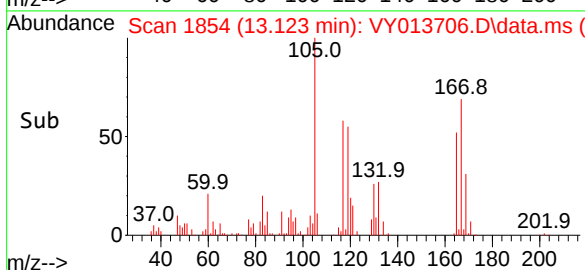
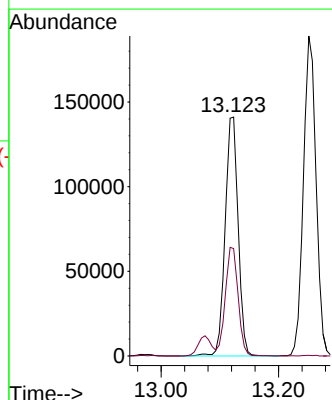
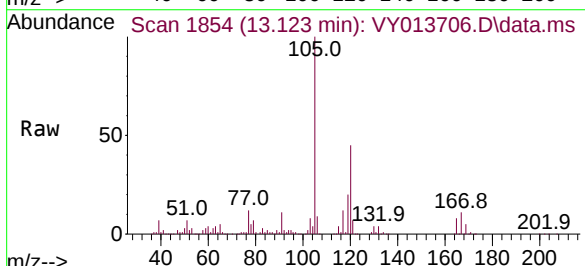
Acq: 11 May 2023 10:43

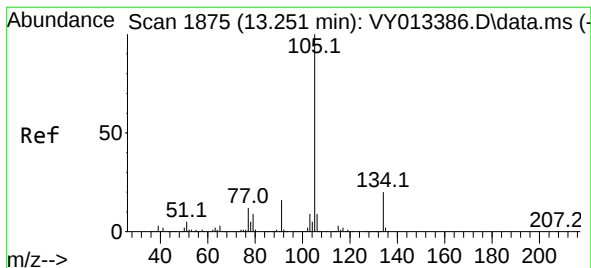
Tgt Ion:105 Resp: 217398

Ion Ratio Lower Upper

105 100

120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.096 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

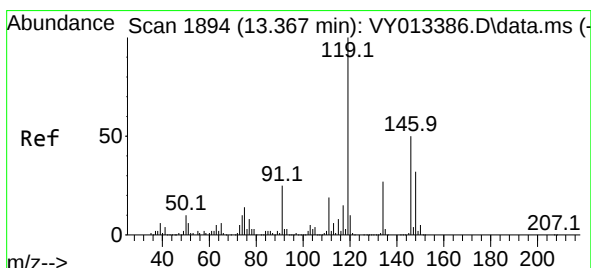
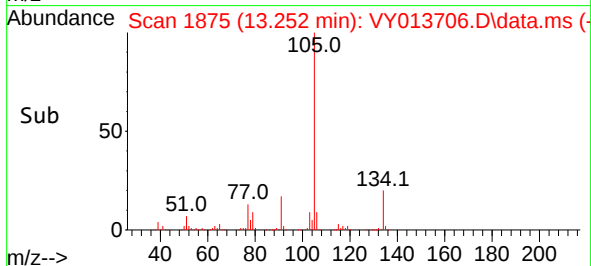
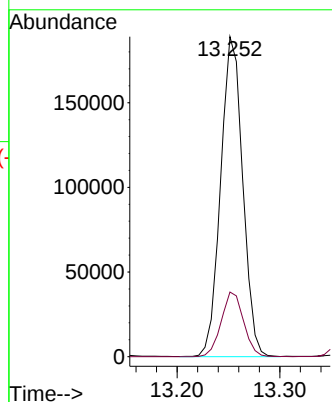
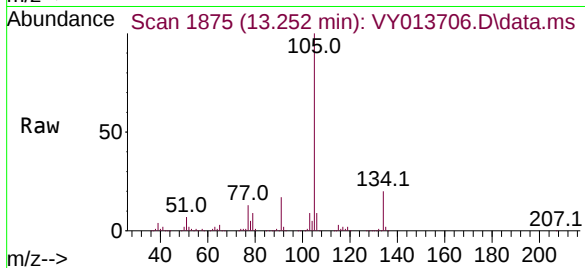
VY0511SBS01

Tgt Ion:105 Resp: 281127

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 22.590 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

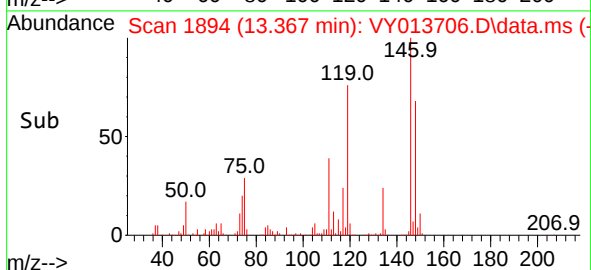
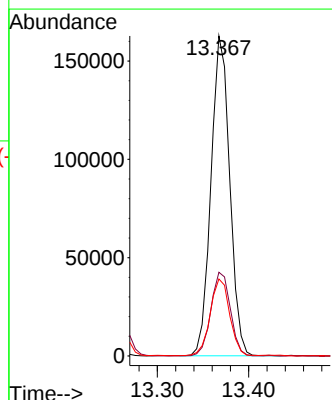
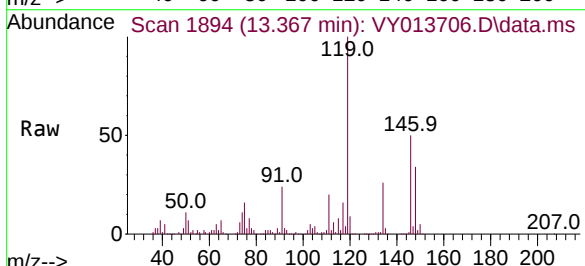
Tgt Ion:119 Resp: 231129

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 24.9 12.1 36.3

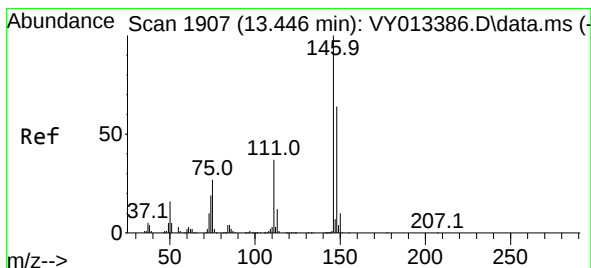
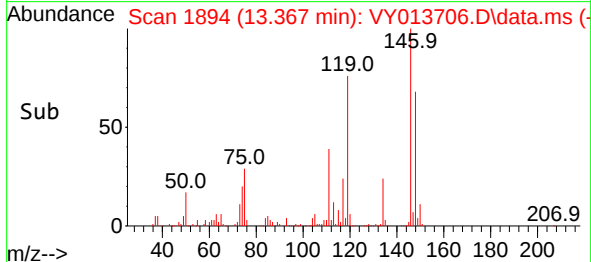
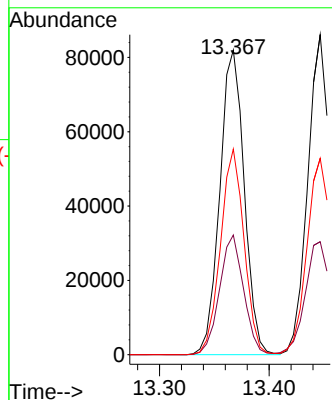
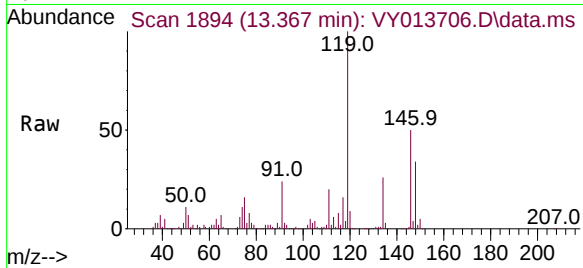




#87
1,3-Dichlorobenzene
Concen: 22.913 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

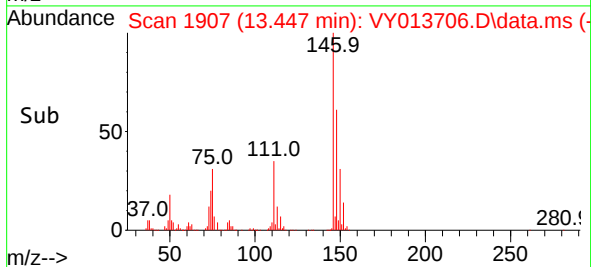
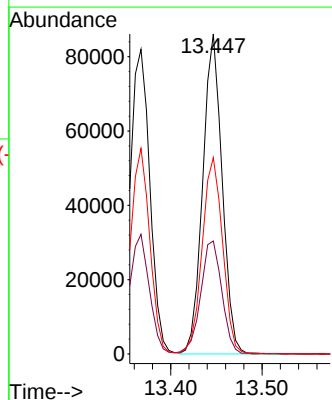
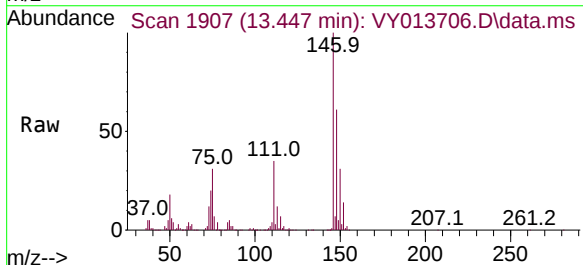
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

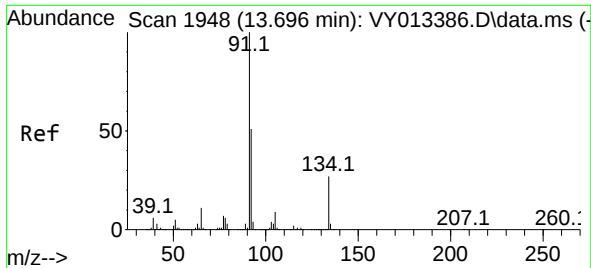
Tgt Ion:146 Resp: 126805
Ion Ratio Lower Upper
146 100
111 38.8 19.3 57.9
148 65.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 22.666 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion:146 Resp: 126712
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.5
148 64.5 31.9 95.5

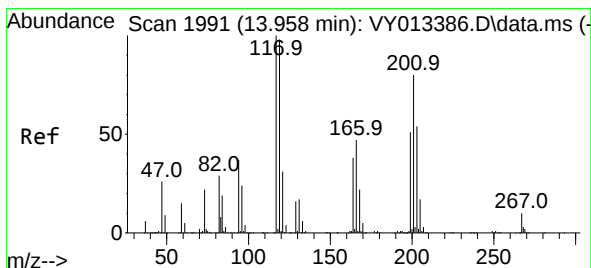
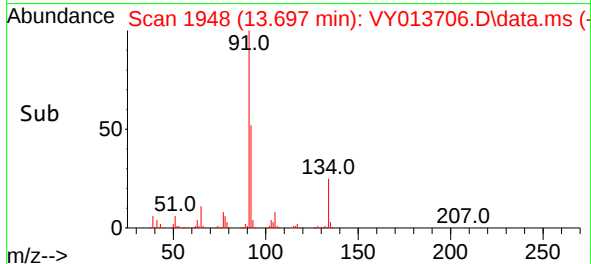
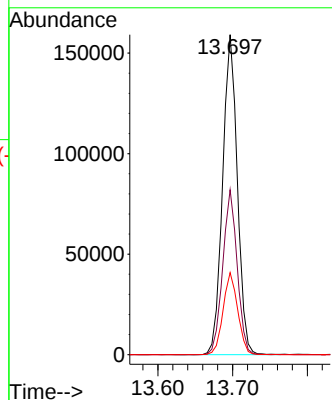
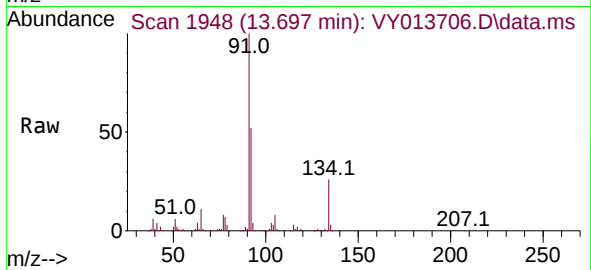




#89
n-Butylbenzene
Concen: 21.854 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

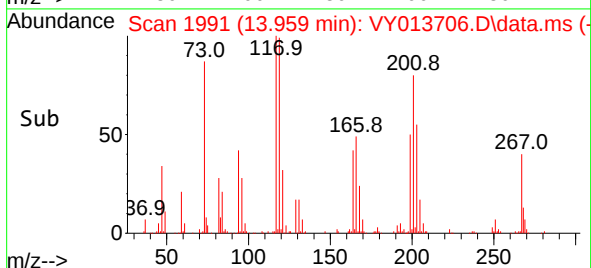
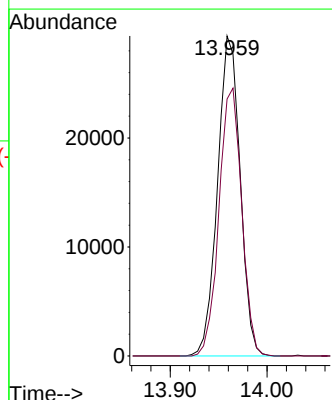
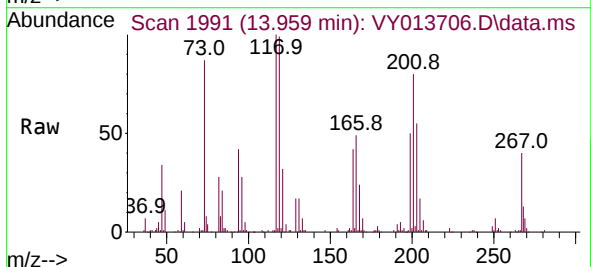
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

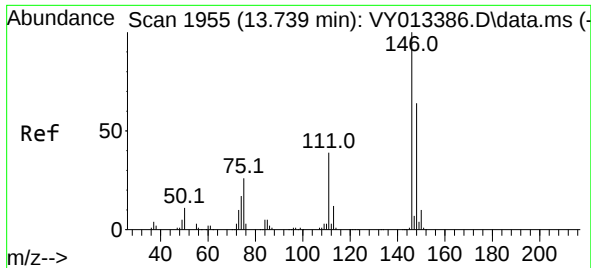
Tgt Ion: 91 Resp: 218234
Ion Ratio Lower Upper
91 100
92 50.7 25.8 77.3
134 25.5 13.5 40.4



#90
Hexachloroethane
Concen: 22.087 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 117 Resp: 47561
Ion Ratio Lower Upper
117 100
201 84.0 41.6 124.8

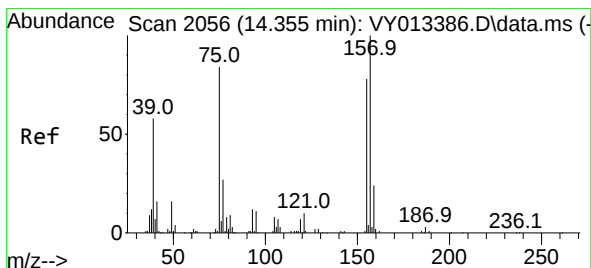
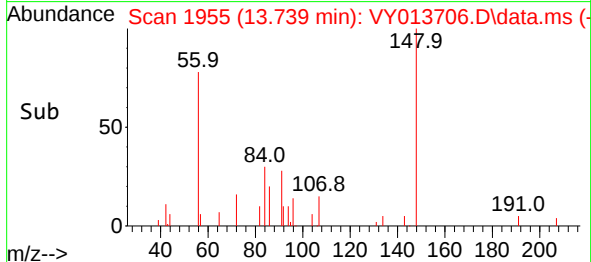
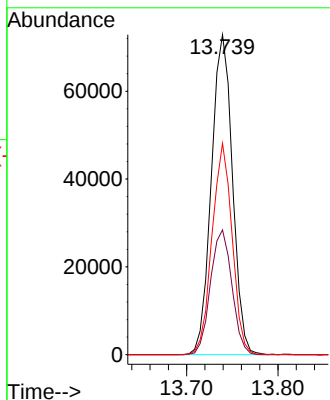
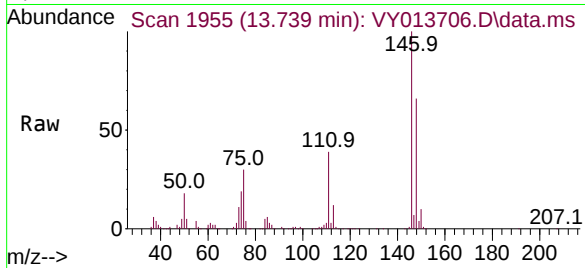




#91
1,2-Dichlorobenzene
Concen: 23.360 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

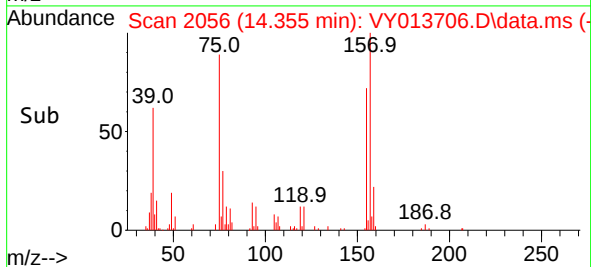
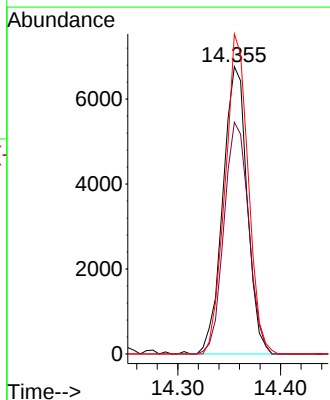
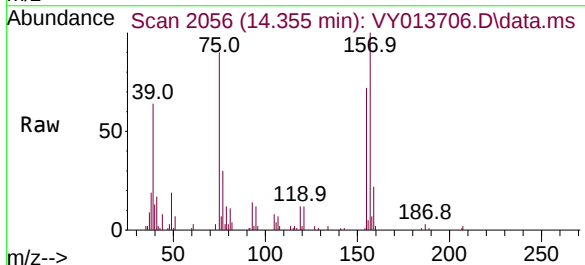
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

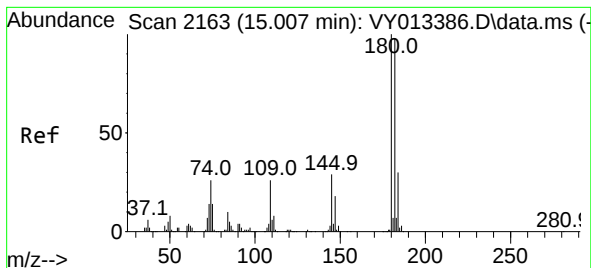
Tgt Ion:146 Resp: 116741
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.4
148 63.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.452 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion: 75 Resp: 11102
Ion Ratio Lower Upper
75 100
155 81.7 44.6 134.0
157 105.9 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 22.575 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

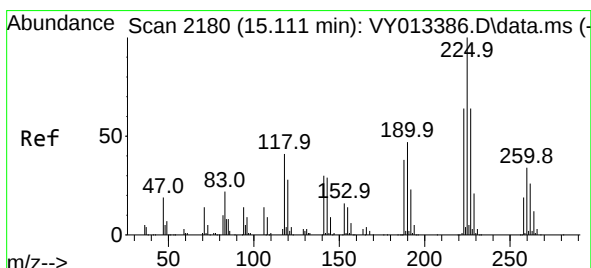
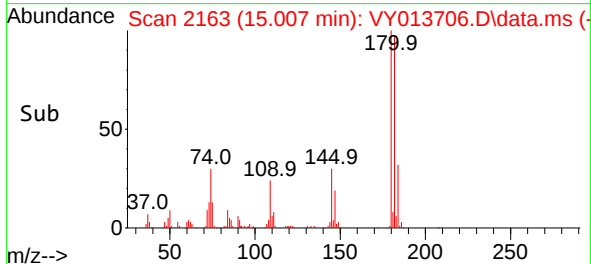
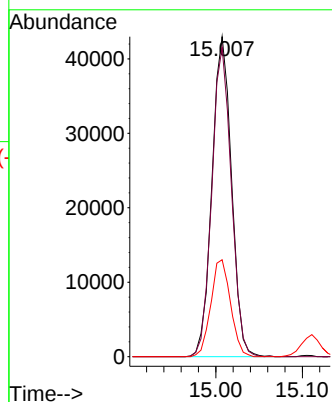
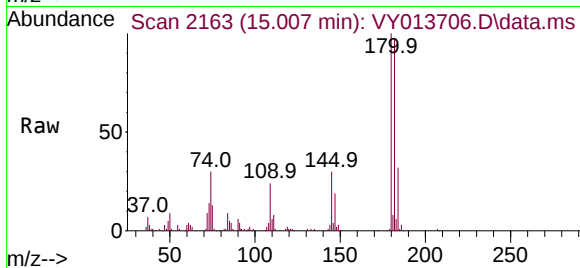
Tgt Ion:180 Resp: 67264

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.5

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 25.424 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013706.D

Acq: 11 May 2023 10:43

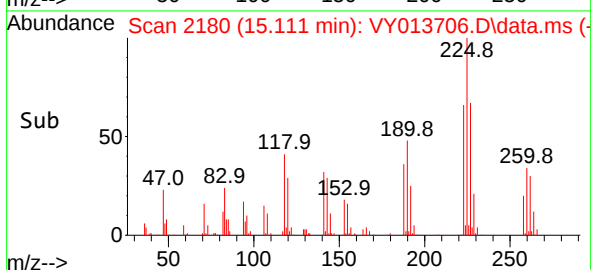
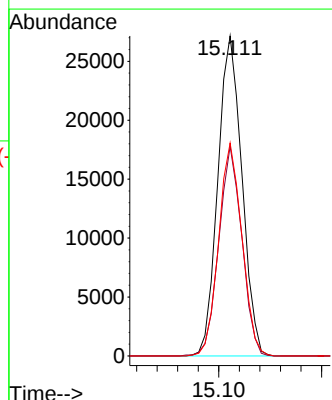
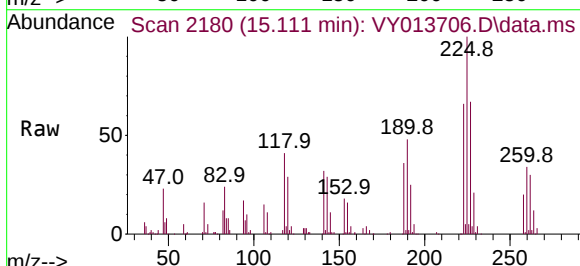
Tgt Ion:225 Resp: 44086

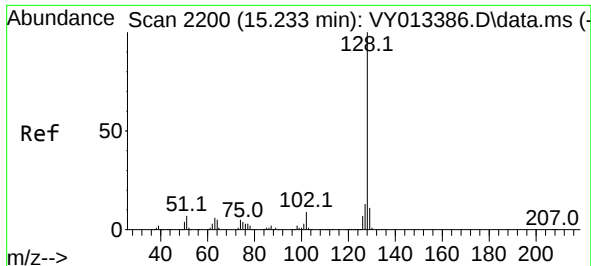
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.2

227 64.5 32.0 96.0

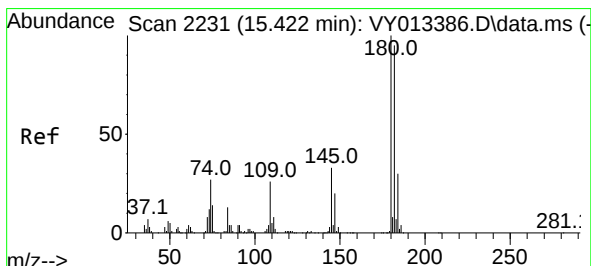
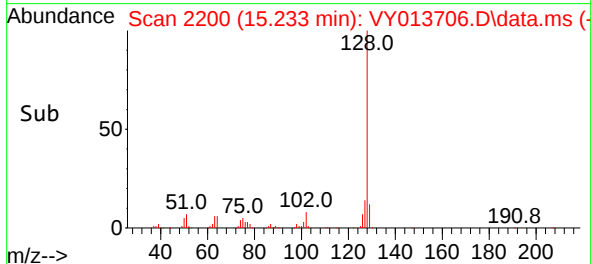
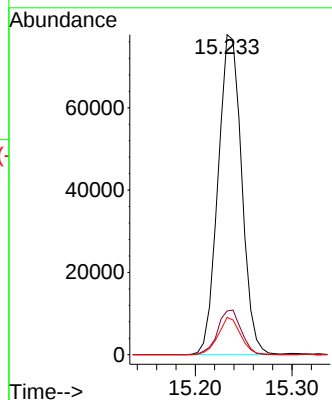
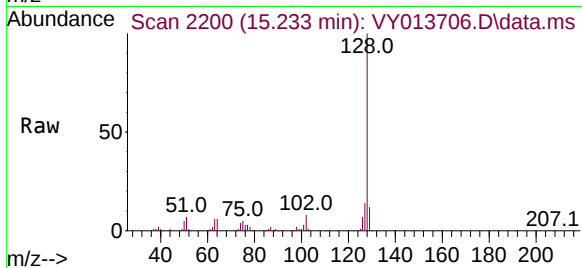




#95
Naphthalene
Concen: 20.388 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion:128 Resp: 131804
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 23.077 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013706.D
Acq: 11 May 2023 10:43

Tgt Ion:180 Resp: 61284
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.3
145 30.9 15.9 47.7

