

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013700.D
 Acq On : 10 May 2023 20:00
 Operator : KP/MD
 Sample : 02719-02MS
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509MS

Quant Time: May 11 03:33:12 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	190782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123469	59.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.080%	
35) Dibromofluoromethane	7.716	113	108960	59.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.040%	
50) Toluene-d8	10.179	98	354811	54.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.040%	
62) 4-Bromofluorobenzene	12.477	95	130565	58.968	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	87818	48.418	ug/l	97
3) Chloromethane	2.107	50	108846	44.771	ug/l	97
4) Vinyl Chloride	2.247	62	108890	44.983	ug/l	100
5) Bromomethane	2.650	94	87634	45.429	ug/l	100
6) Chloroethane	2.790	64	71516	42.765	ug/l	96
7) Trichlorofluoromethane	3.125	101	187510	51.133	ug/l	100
8) Diethyl Ether	3.528	74	65489	52.442	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.900	101	95462	46.409	ug/l	97
10) Methyl Iodide	4.088	142	108134	41.855	ug/l	96
11) Tert butyl alcohol	4.966	59	55531	235.776	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	93246	47.028	ug/l	91
13) Acrolein	3.729	56	23156	122.193	ug/l	92
14) Allyl chloride	4.479	41	175303	47.649	ug/l	97
15) Acrylonitrile	5.161	53	184286	263.505	ug/l	99
16) Acetone	3.948	43	209802	254.735	ug/l	94
17) Carbon Disulfide	4.192	76	262091	40.693	ug/l	99
18) Methyl Acetate	4.479	43	150649	55.381	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	311010	54.332	ug/l	99
20) Methylene Chloride	4.710	84	152117	60.685	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	107001	49.357	ug/l	97
22) Diisopropyl ether	6.113	45	392382	54.566	ug/l	95
23) Vinyl Acetate	6.058	43	1000037	245.620	ug/l	96
24) 1,1-Dichloroethane	6.015	63	212144	52.933	ug/l	98
25) 2-Butanone	6.984	43	269263	257.786	ug/l	94
26) 2,2-Dichloropropane	6.978	77	177568	51.417	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	128487	53.642	ug/l	96
28) Bromochloromethane	7.332	49	75719	53.241	ug/l	84
29) Tetrahydrofuran	7.344	42	164617	253.182	ug/l	92
30) Chloroform	7.503	83	227352	57.056	ug/l	98
31) Cyclohexane	7.783	56	156926	41.909	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	194559	54.717	ug/l	98
36) 1,1-Dichloropropene	7.917	75	153713	50.166	ug/l	98
37) Ethyl Acetate	7.070	43	109940	47.679	ug/l	96
38) Carbon Tetrachloride	7.899	117	175597	54.677	ug/l	94
39) Methylcyclohexane	9.179	83	161716	44.769	ug/l	95
40) Benzene	8.161	78	463781	53.734	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	60187	56.014	ug/l	96
42) 1,2-Dichloroethane	8.234	62	165754	58.741	ug/l	99
43) Isopropyl Acetate	8.271	43	202479	52.025	ug/l	97
44) Trichloroethene	8.935	130	120775	52.605	ug/l	97
45) 1,2-Dichloropropane	9.216	63	126710	56.148	ug/l	100
46) Dibromomethane	9.301	93	74922	55.486	ug/l	96
47) Bromodichloromethane	9.496	83	179265	59.331	ug/l	100
48) Methyl methacrylate	9.289	41	96606	54.047	ug/l	95
49) 1,4-Dioxane	9.301	88	19127	991.810	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	582269	268.477	ug/l	96
52) Toluene	10.240	92	290893	56.006	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	175231	54.799	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	194342	54.011	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	103772	58.032	ug/l	96
56) Ethyl methacrylate	10.508	69	139191	56.107	ug/l	92
57) 1,3-Dichloropropane	10.789	76	175191	57.848	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	231743	249.114	ug/l	95
59) 2-Hexanone	10.831	43	424857	269.488	ug/l	95
60) Dibromochloromethane	10.984	129	130889	60.283	ug/l	99
61) 1,2-Dibromoethane	11.087	107	96877	55.104	ug/l	98
64) Tetrachloroethene	10.715	164	108143	52.460	ug/l	97
65) Chlorobenzene	11.514	112	307683	52.101	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	126489	57.270	ug/l	98
67) Ethyl Benzene	11.593	91	552362	53.265	ug/l	99
68) m/p-Xylenes	11.703	106	414672	105.188	ug/l	96
69) o-Xylene	12.026	106	202235	54.243	ug/l	96
70) Styrene	12.044	104	347075	55.676	ug/l	99
71) Bromoform	12.203	173	88690	57.329	ug/l	100
73) Isopropylbenzene	12.331	105	519789	50.111	ug/l	99
74) N-amyl acetate	12.142	43	168442	45.632	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	129240	50.974	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	165780	89.634	ug/l #	100
77) Bromobenzene	12.605	156	135724	54.001	ug/l	96
78) n-propylbenzene	12.666	91	631175	49.401	ug/l	98
79) 2-Chlorotoluene	12.752	91	366501	51.368	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	438132	51.750	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	41536	45.939	ug/l	93
82) 4-Chlorotoluene	12.849	91	370246	49.788	ug/l	98
83) tert-Butylbenzene	13.075	119	379198	51.698	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	438639	53.290	ug/l	99
85) sec-Butylbenzene	13.251	105	541084	49.152	ug/l	99
86) p-Isopropyltoluene	13.367	119	445600	50.335	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	244444	51.049	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	245776	50.811	ug/l	99
89) n-Butylbenzene	13.690	91	405872	46.974	ug/l	98
90) Hexachloroethane	13.959	117	92012	49.385	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	229391	53.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22194	49.564	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	130005	50.428	ug/l	98
94) Hexachlorobutadiene	15.111	225	75009	49.993	ug/l	99
95) Naphthalene	15.233	128	284426	50.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	118081	51.389	ug/l	98

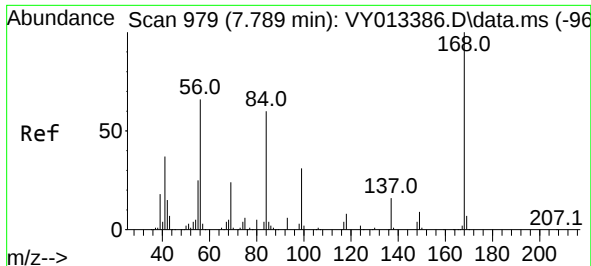
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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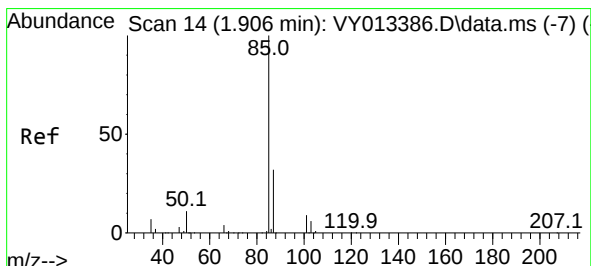
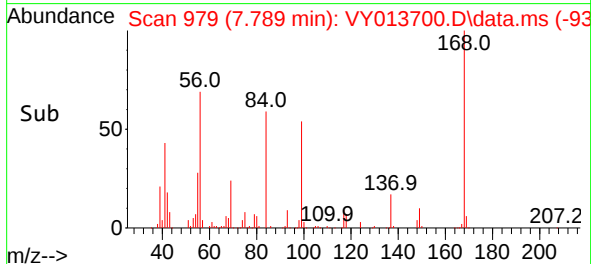
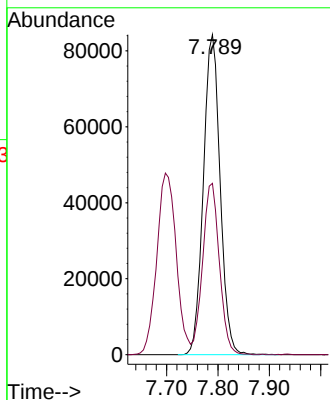
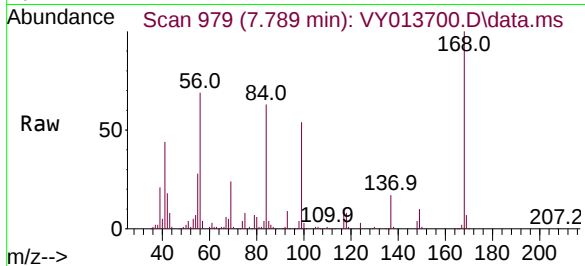
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

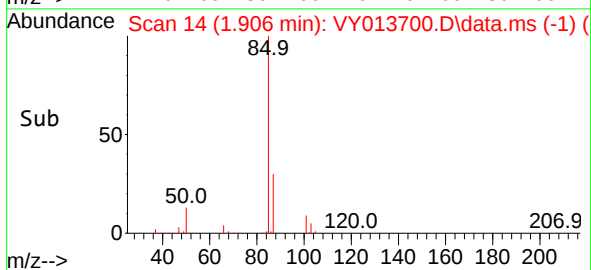
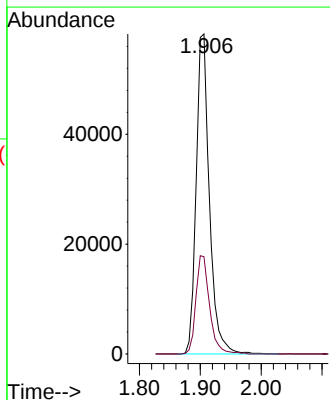
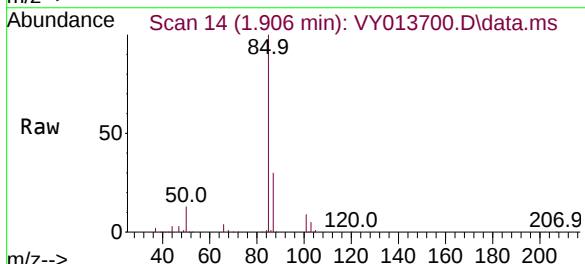
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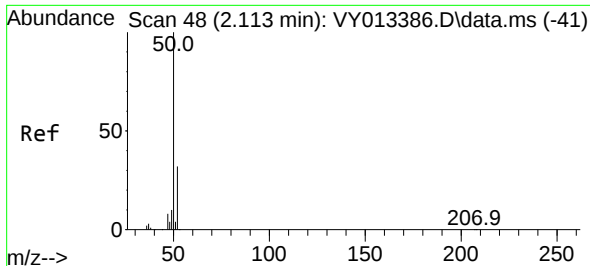
Tgt Ion:168 Resp: 190782
Ion Ratio Lower Upper
168 100
99 53.4 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 48.418 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 85 Resp: 87818
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2

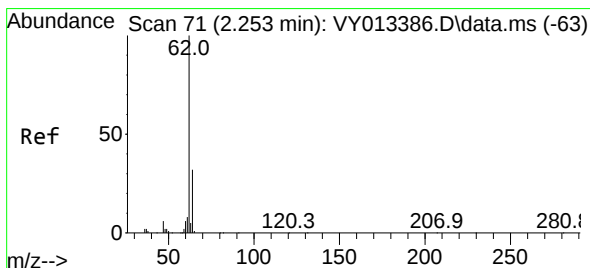
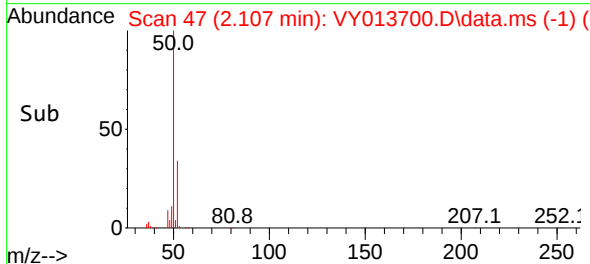
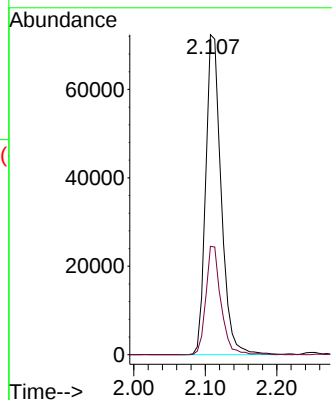
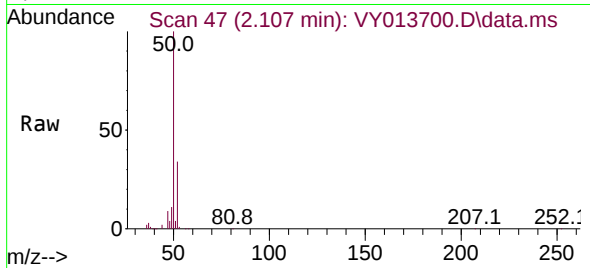




#3
Chloromethane
Concen: 44.771 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

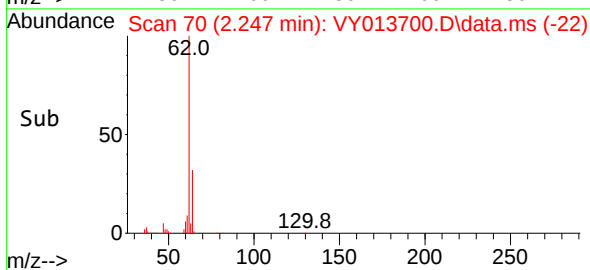
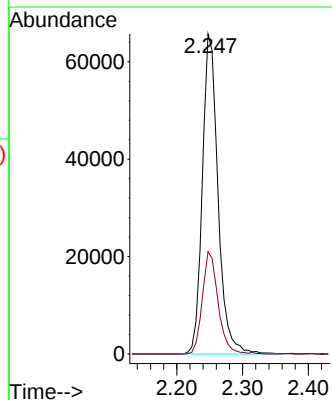
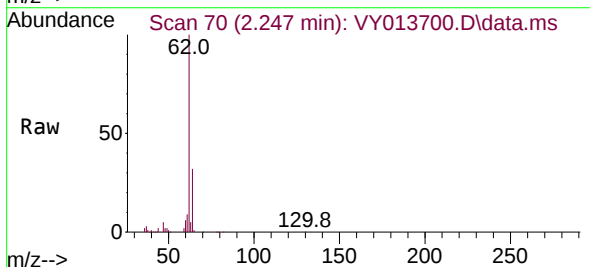
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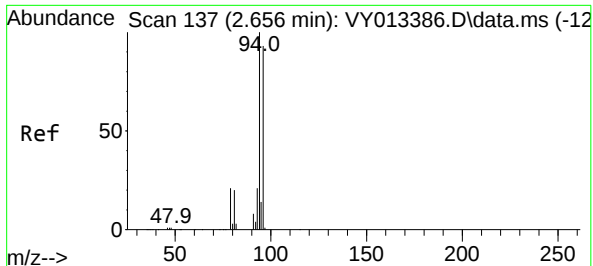
Tgt Ion: 50 Resp: 108846
Ion Ratio Lower Upper
50 100
52 33.9 25.9 38.9



#4
Vinyl Chloride
Concen: 44.983 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 62 Resp: 108890
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

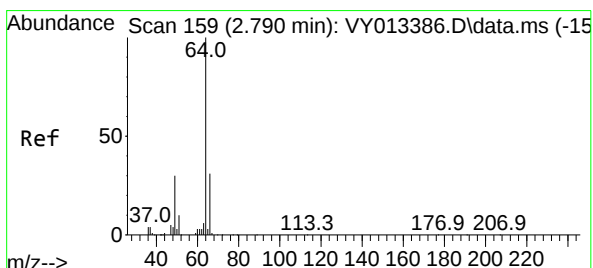
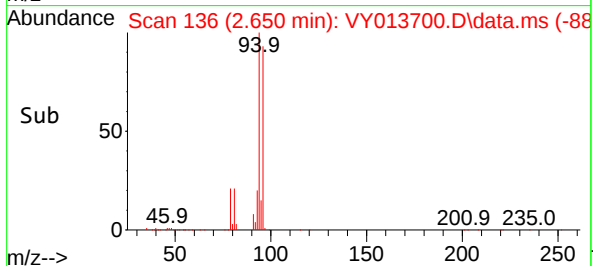
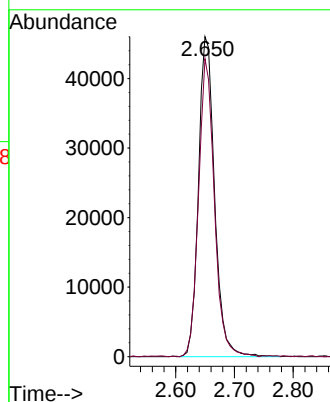
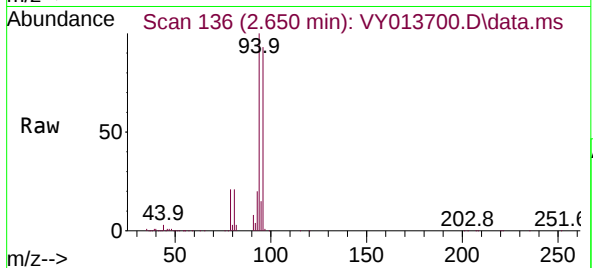




#5
Bromomethane
Concen: 45.429 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

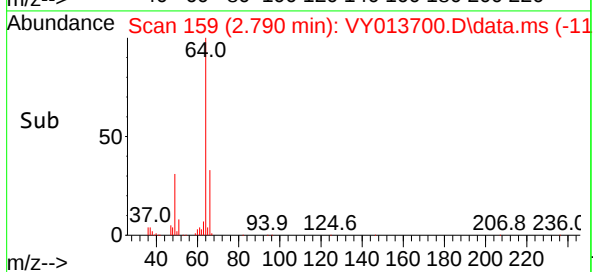
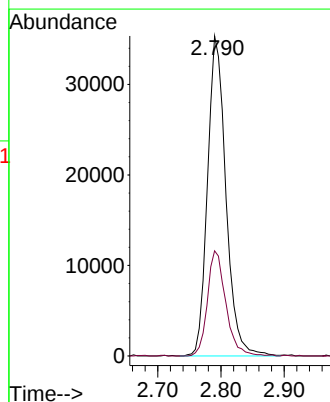
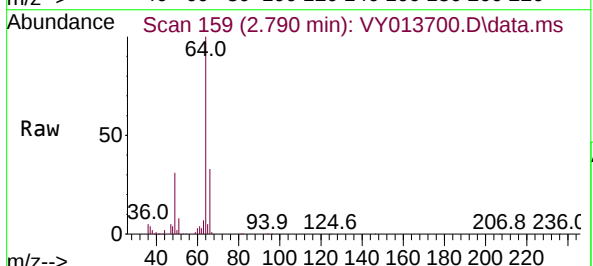
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Tgt Ion: 94 Resp: 87634
Ion Ratio Lower Upper
94 100
96 93.1 74.2 111.2



#6
Chloroethane
Concen: 42.765 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 64 Resp: 71516
Ion Ratio Lower Upper
64 100
66 32.8 24.6 37.0

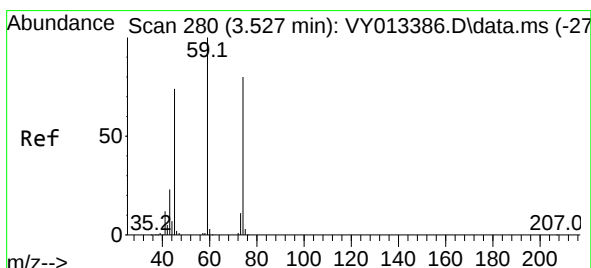
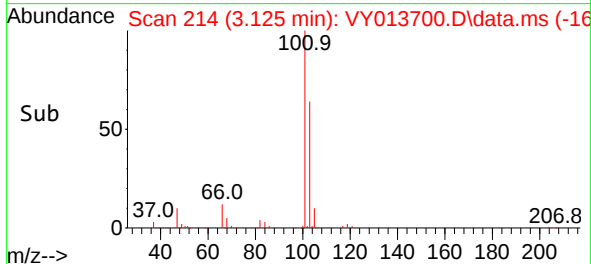
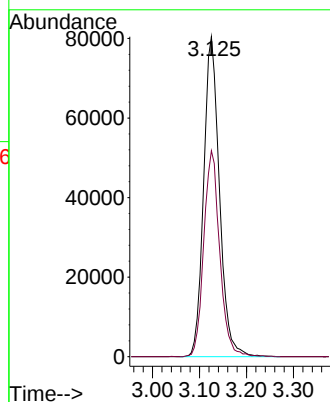
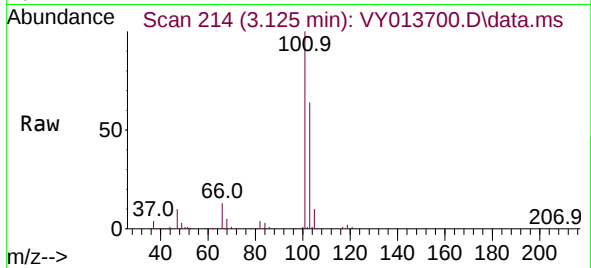




#7
Trichlorofluoromethane
Concen: 51.133 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

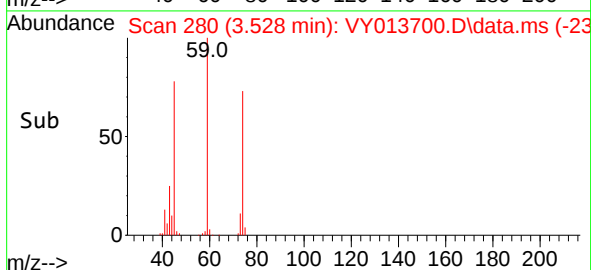
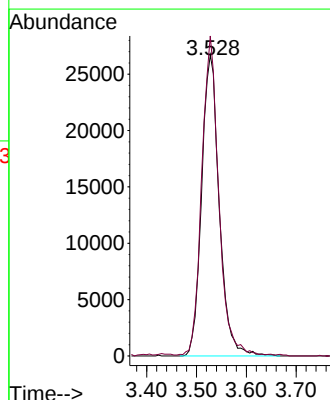
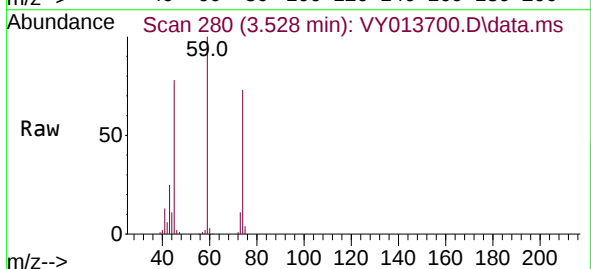
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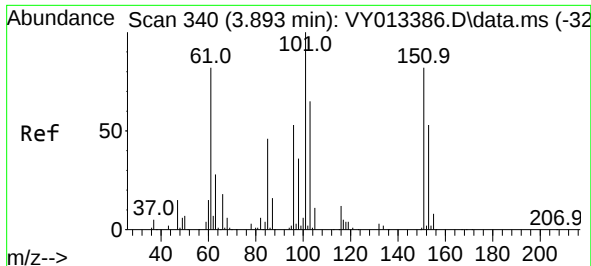
Tgt Ion:101 Resp: 187510
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4



#8
Diethyl Ether
Concen: 52.442 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 74 Resp: 65489
Ion Ratio Lower Upper
74 100
45 101.7 48.2 144.6

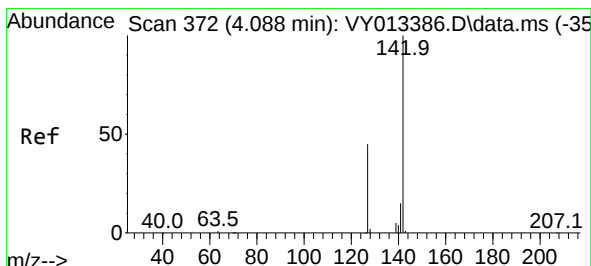
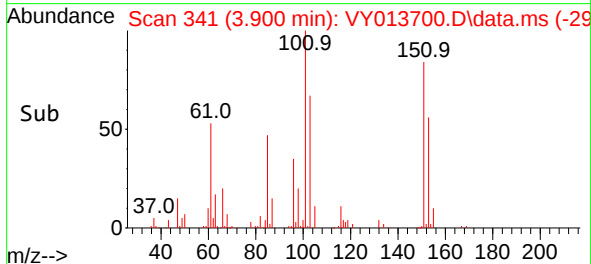
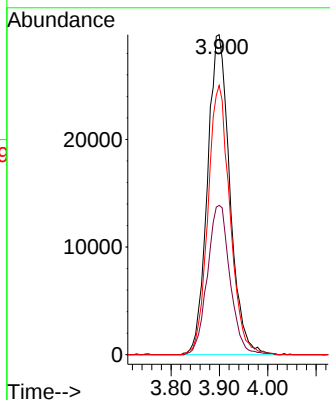
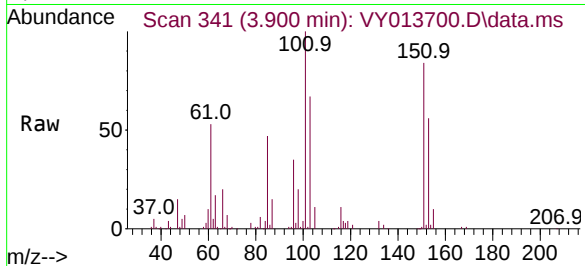




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.409 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

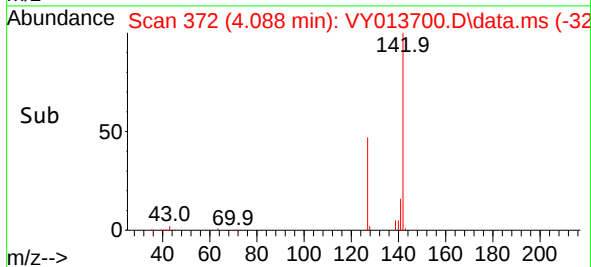
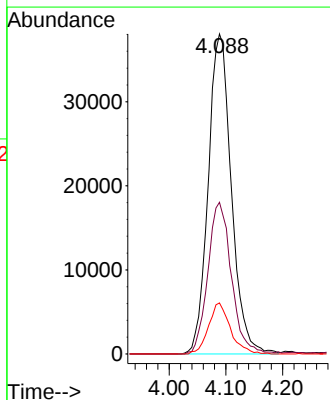
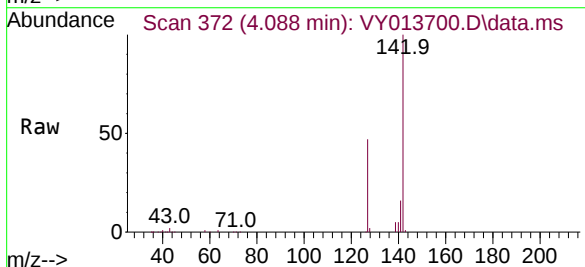
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

Tgt Ion:101 Resp: 95462
Ion Ratio Lower Upper
101 100
85 47.2 35.6 53.4
151 82.9 68.0 102.0



#10
Methyl Iodide
Concen: 41.855 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion:142 Resp: 108134
Ion Ratio Lower Upper
142 100
127 48.2 36.1 54.1
141 15.1 11.6 17.4

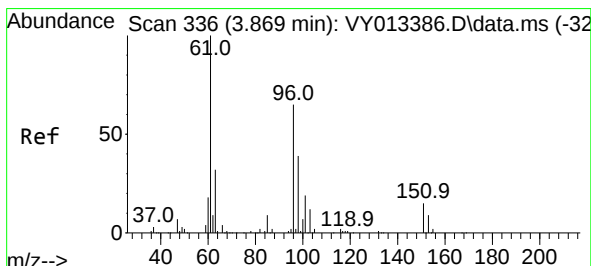
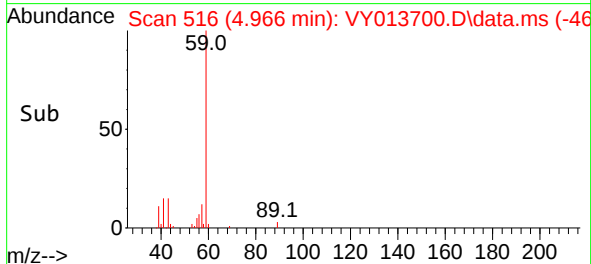
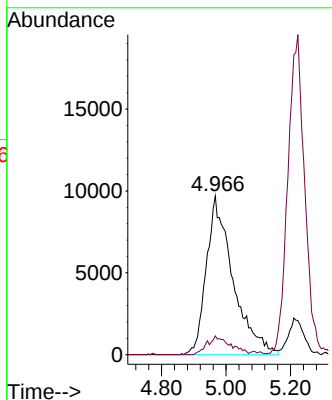
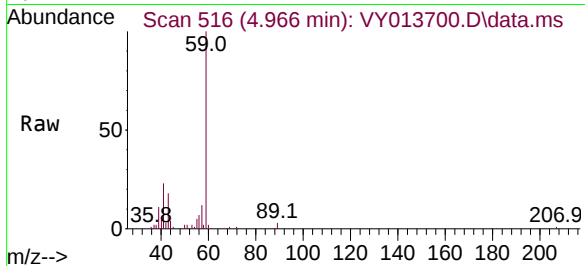




#11
Tert butyl alcohol
Concen: 235.776 ug/l
RT: 4.966 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

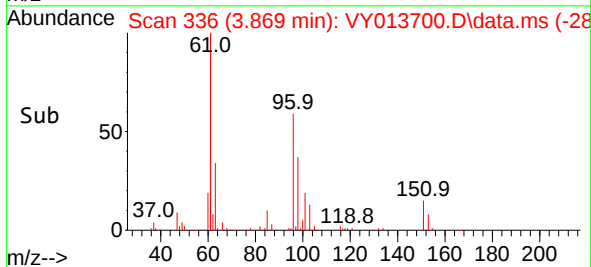
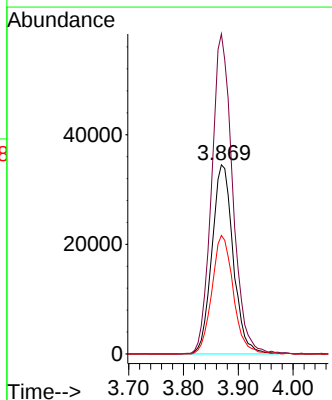
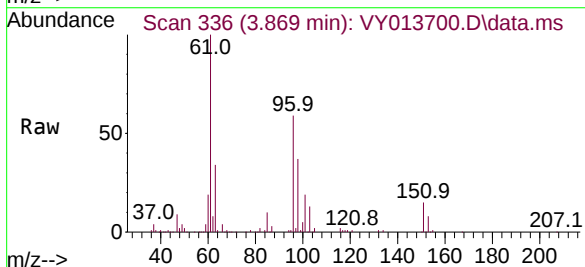
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

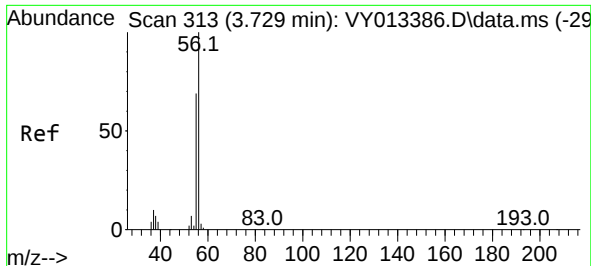
Tgt Ion: 59 Resp: 55531
Ion Ratio Lower Upper
59 100
57 7.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.028 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 96 Resp: 93246
Ion Ratio Lower Upper
96 100
61 169.2 123.9 185.9
98 62.7 48.9 73.3

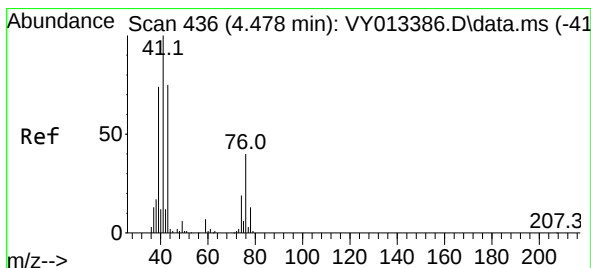
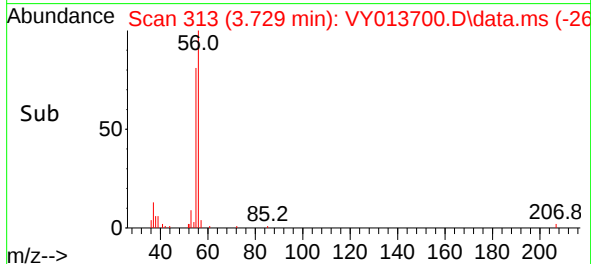
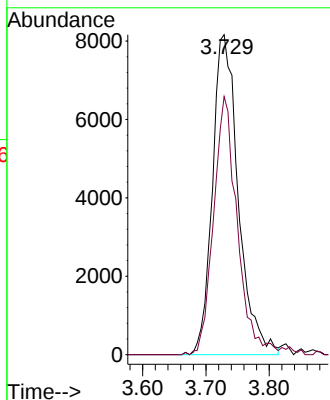
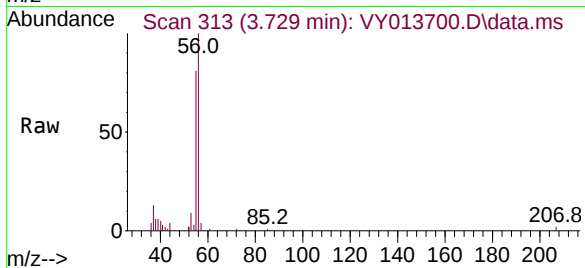




#13
Acrolein
Concen: 122.193 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

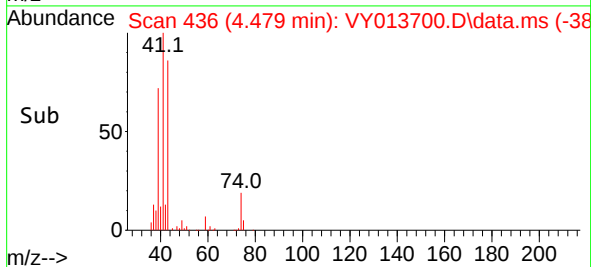
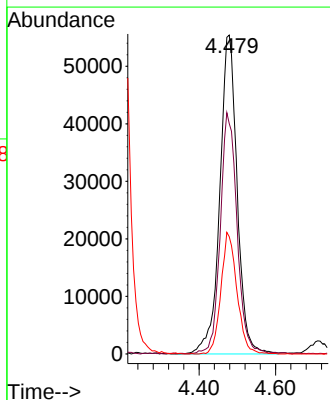
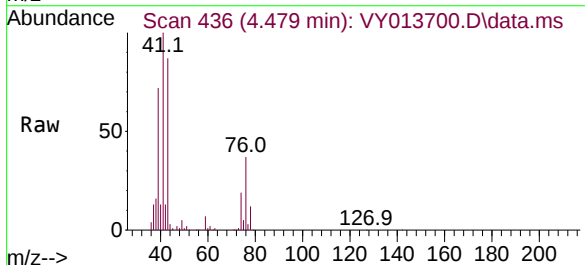
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

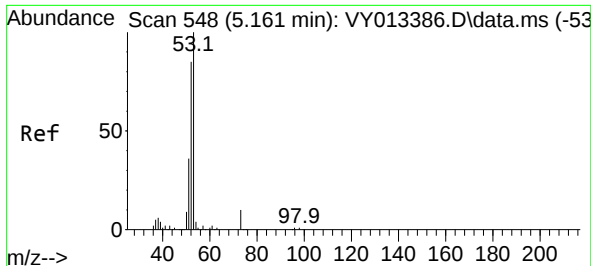
Tgt Ion: 56 Resp: 23156
Ion Ratio Lower Upper
56 100
55 73.8 54.1 81.1



#14
Allyl chloride
Concen: 47.649 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 41 Resp: 175303
Ion Ratio Lower Upper
41 100
39 72.4 56.6 85.0
76 35.1 30.5 45.7

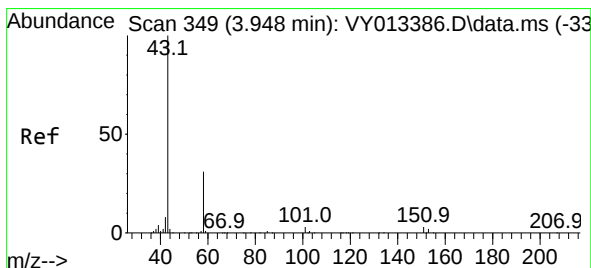
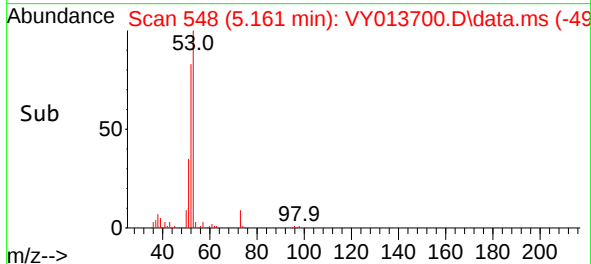
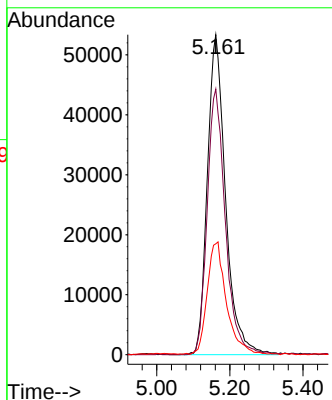
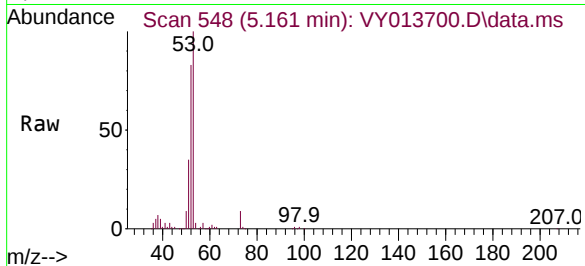




#15
Acrylonitrile
Concen: 263.505 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

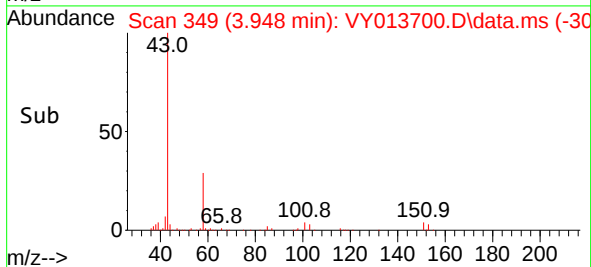
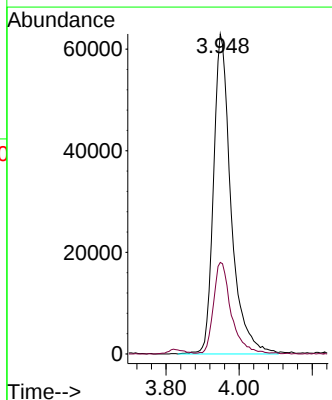
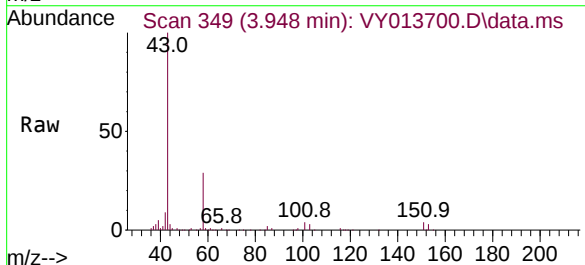
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

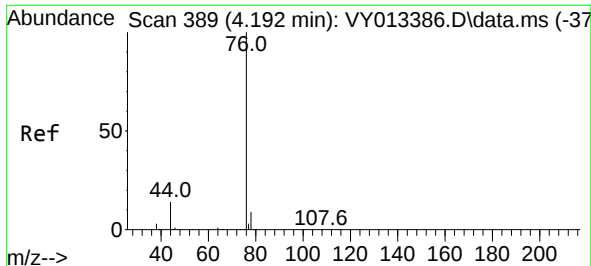
Tgt Ion:	53	Resp:	184286
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.4	98.0
51	36.9	29.3	43.9



#16
Acetone
Concen: 254.735 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion:	43	Resp:	209802
Ion	Ratio	Lower	Upper
43	100		
58	28.3	25.4	38.0

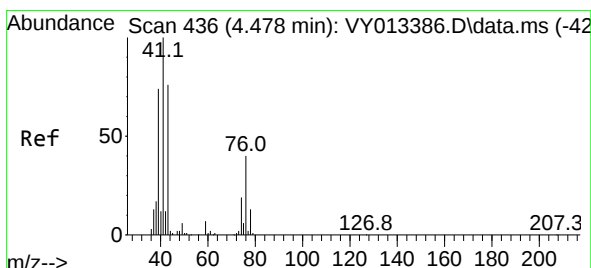
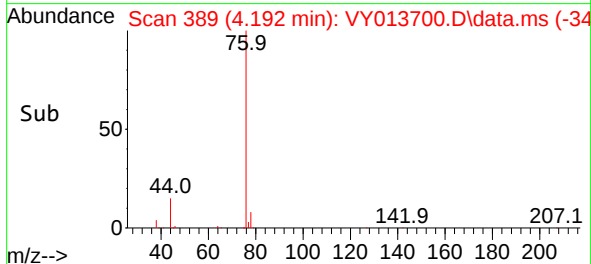
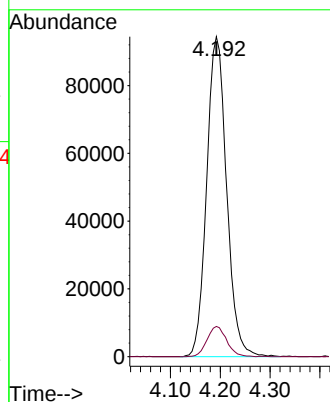
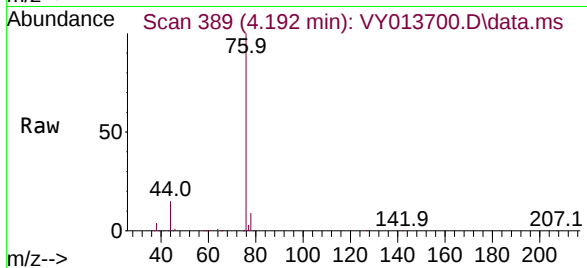




#17
Carbon Disulfide
Concen: 40.693 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

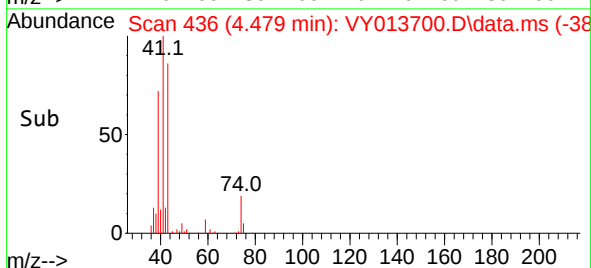
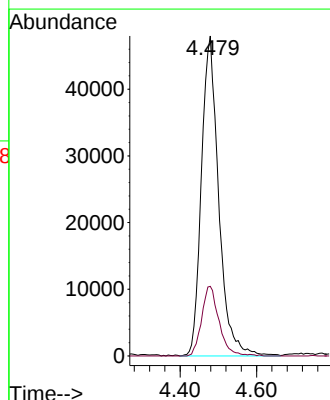
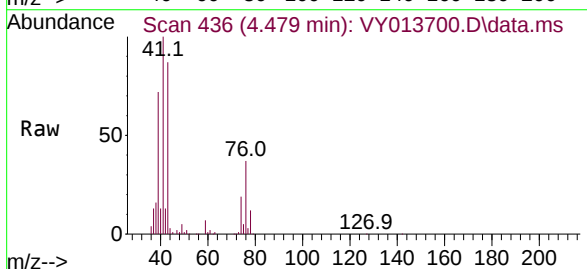
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

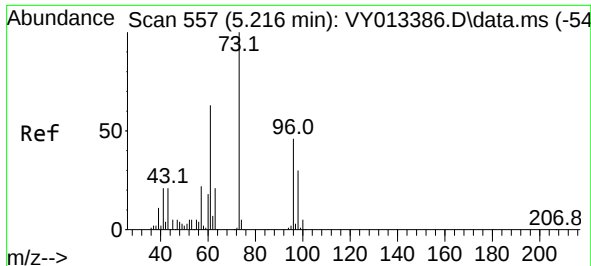
Tgt Ion: 76 Resp: 262091
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 55.381 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 43 Resp: 150649
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2

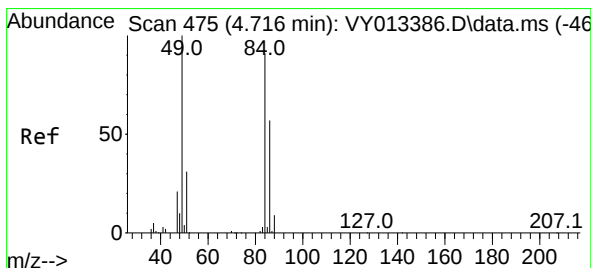
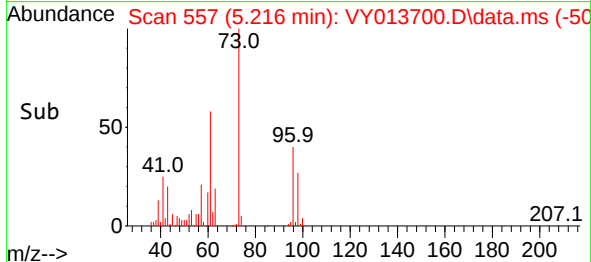
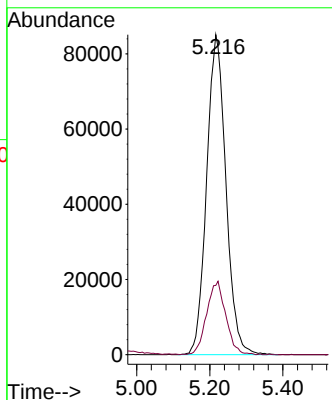
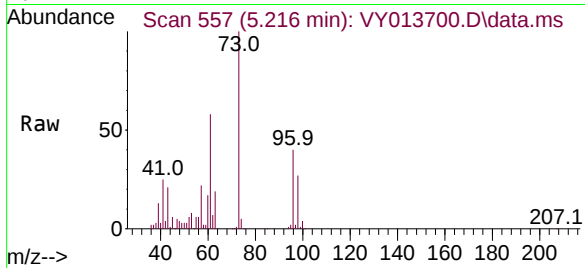




#19
Methyl tert-butyl Ether
Concen: 54.332 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

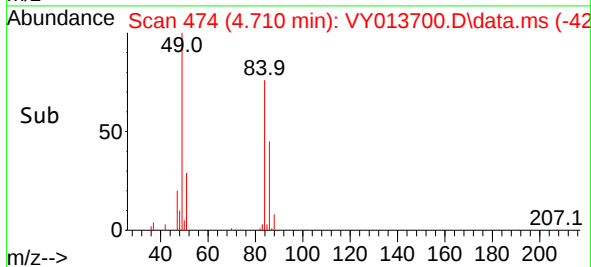
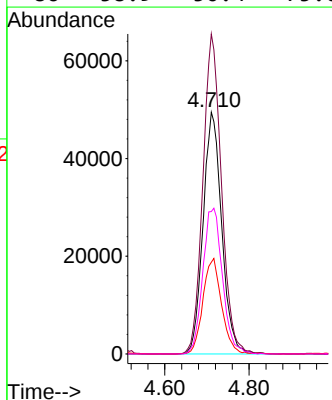
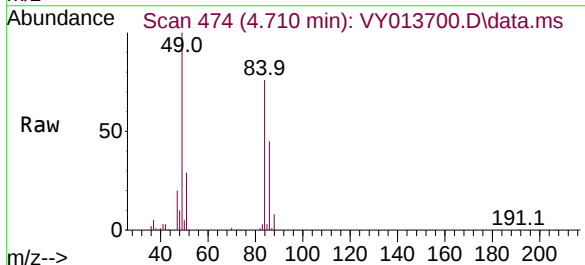
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

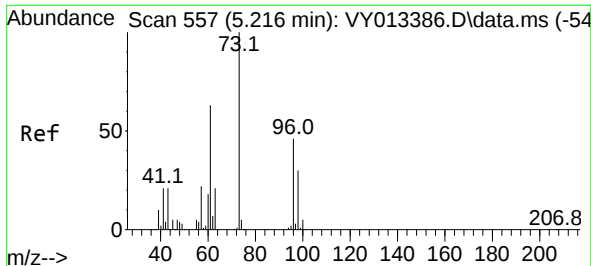
Tgt Ion: 73 Resp: 311010
Ion Ratio Lower Upper
73 100
57 21.7 17.8 26.8



#20
Methylene Chloride
Concen: 60.685 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 84 Resp: 152117
Ion Ratio Lower Upper
84 100
49 132.3 88.0 132.0#
51 37.9 27.4 41.0
86 58.9 50.4 75.6

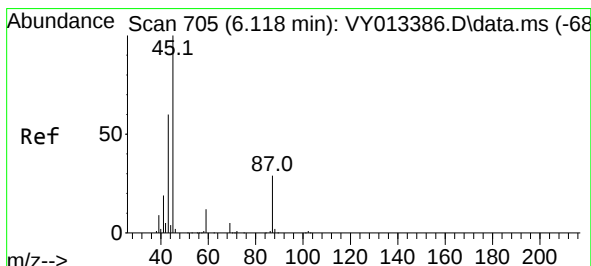
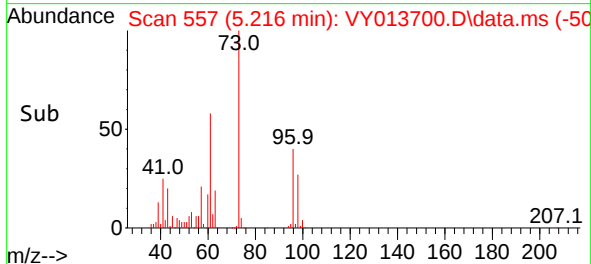
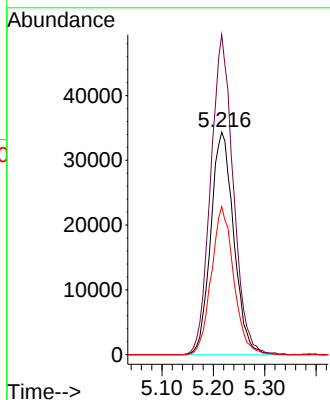
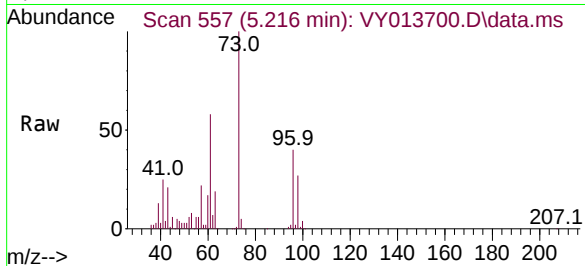




#21
trans-1,2-Dichloroethene
Concen: 49.357 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

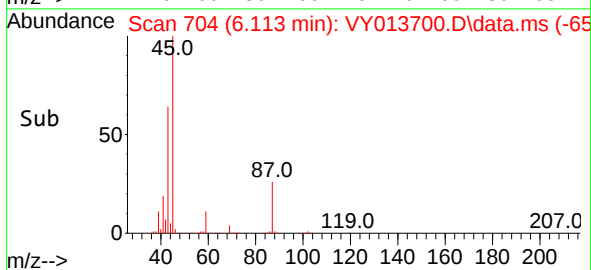
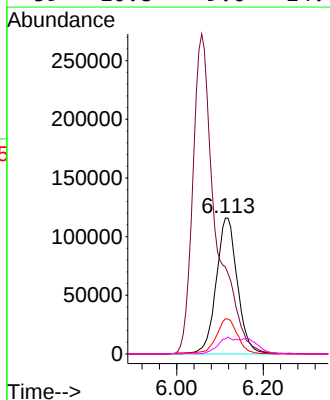
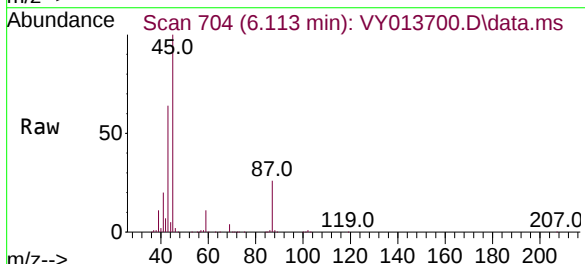
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

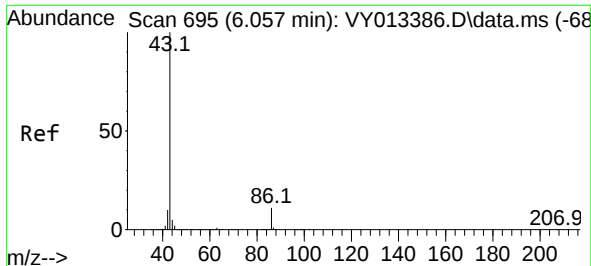
Tgt Ion: 96 Resp: 107001
Ion Ratio Lower Upper
96 100
61 143.8 110.6 165.8
98 66.5 53.1 79.7



#22
Diisopropyl ether
Concen: 54.566 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.005 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 45 Resp: 392382
Ion Ratio Lower Upper
45 100
43 63.3 48.4 72.6
87 25.9 23.8 35.6
59 10.8 9.6 14.4

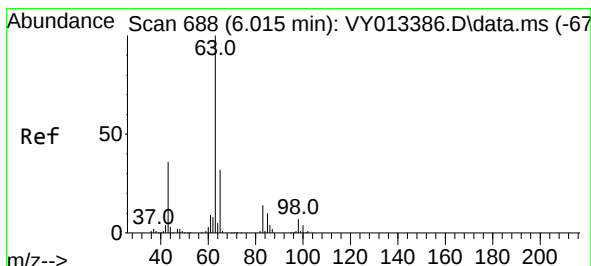
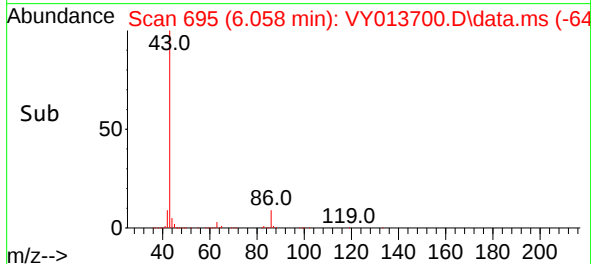
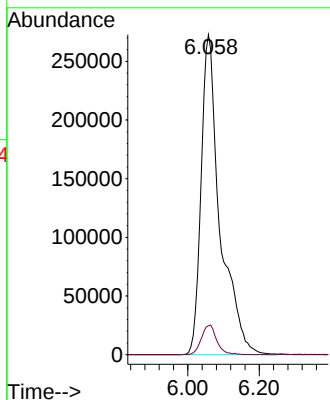
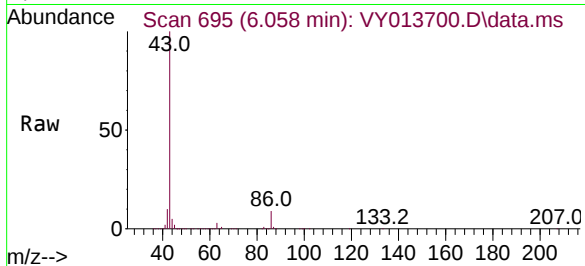




#23
 Vinyl Acetate
 Concen: 245.620 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013700.D
 Acq: 10 May 2023 20:00

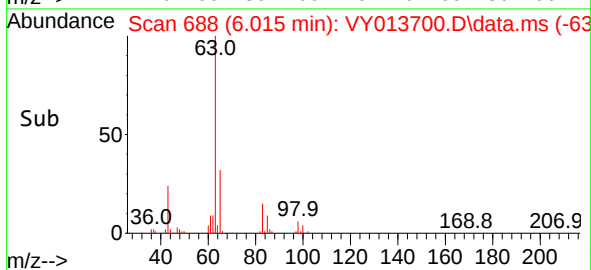
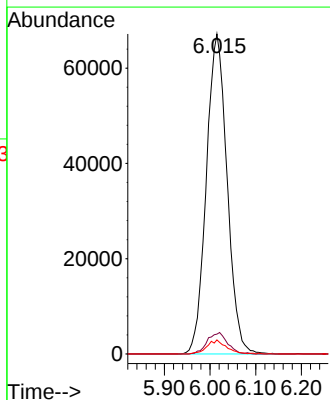
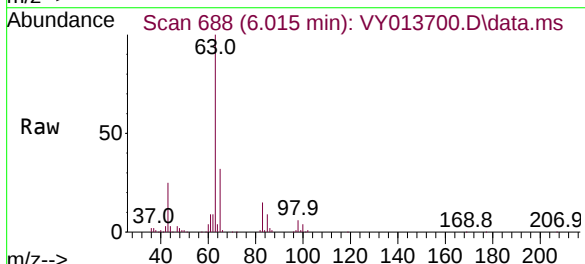
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509MS

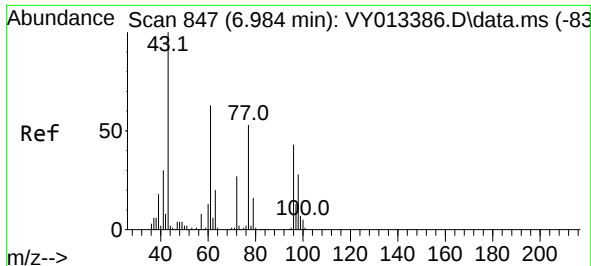
Tgt Ion: 43 Resp: 1000037
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 52.933 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013700.D
 Acq: 10 May 2023 20:00

Tgt Ion: 63 Resp: 212144
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.6
 100 4.4 2.2 6.6

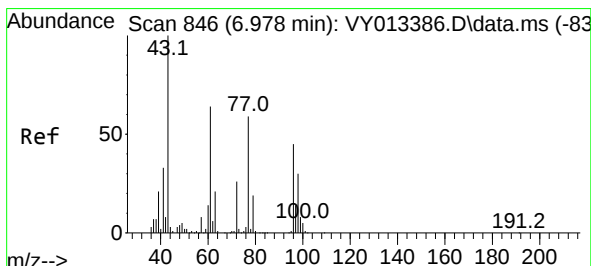
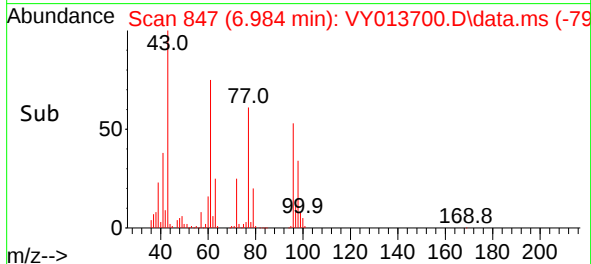
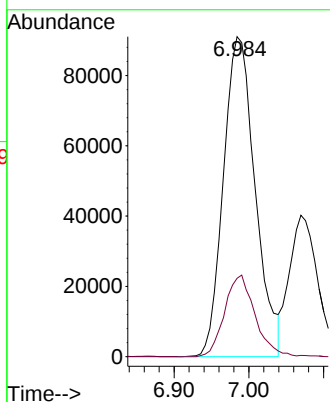
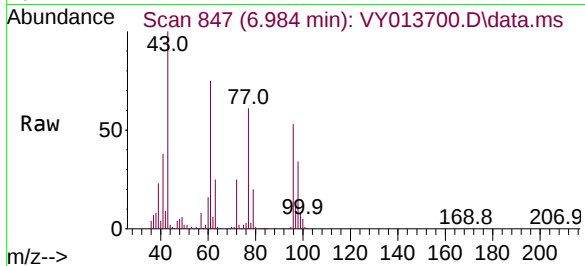




#25
2-Butanone
Concen: 257.786 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

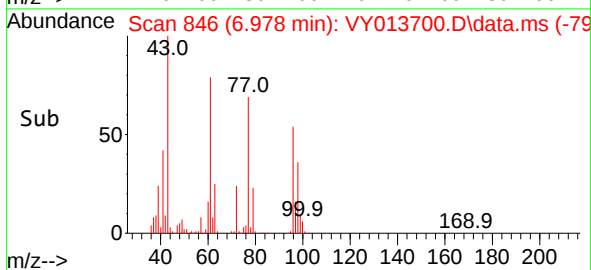
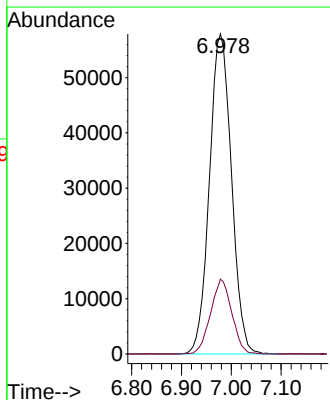
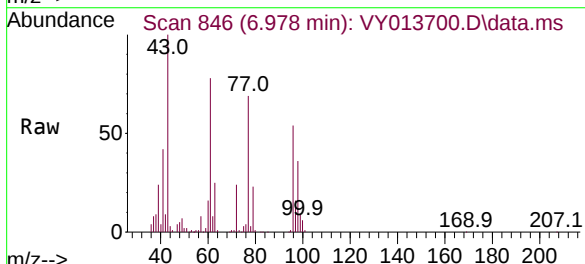
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

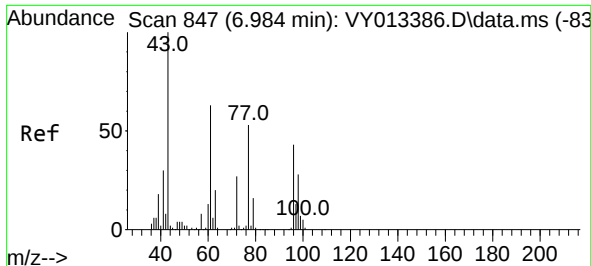
Tgt Ion: 43 Resp: 269263
Ion Ratio Lower Upper
43 100
72 24.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 51.417 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 77 Resp: 177568
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 53.642 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS

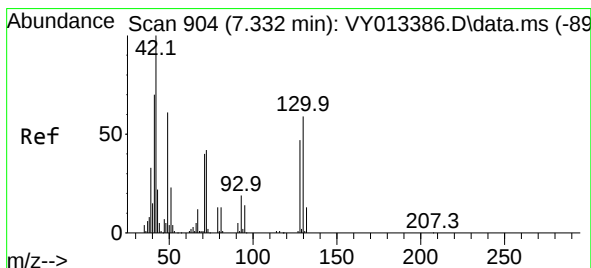
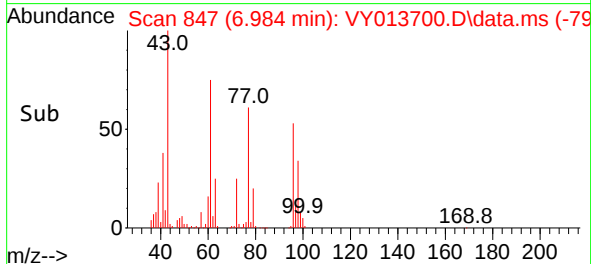
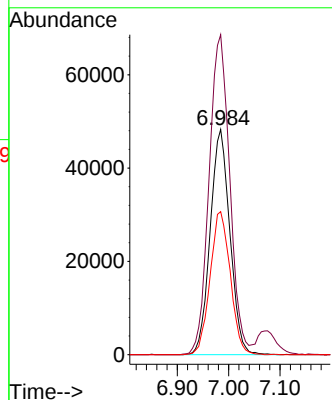
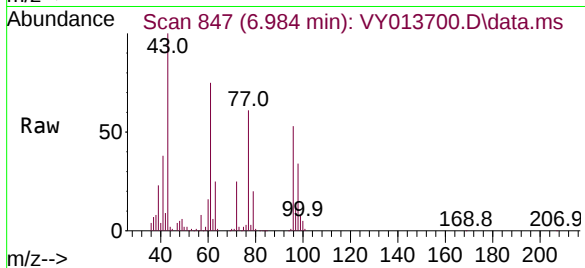
Tgt Ion: 96 Resp: 128487

Ion Ratio Lower Upper

96 100

61 148.8 0.0 285.0

98 65.1 0.0 130.6



#28

Bromochloromethane

Concen: 53.241 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

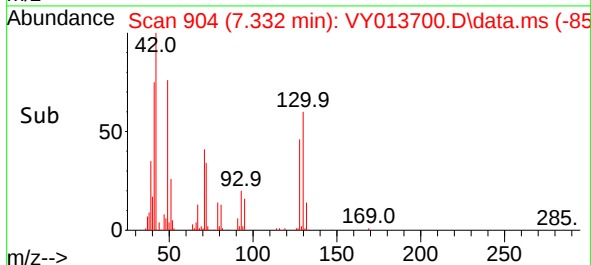
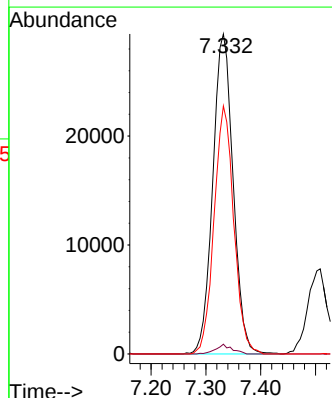
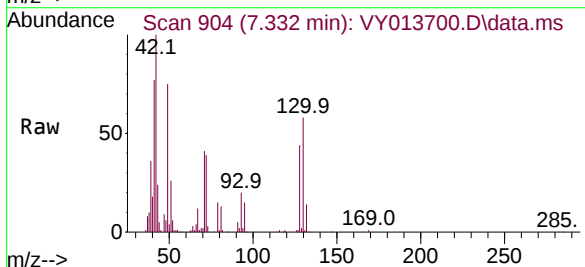
Tgt Ion: 49 Resp: 75719

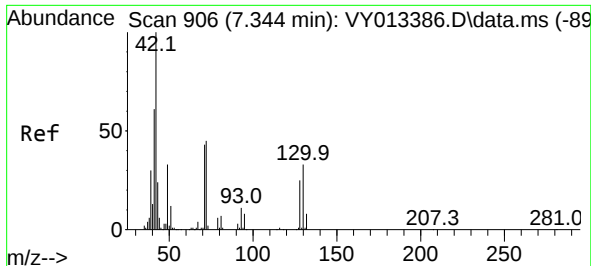
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 75.0 72.1 108.1





#29

Tetrahydrofuran

Concen: 253.182 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013700.D

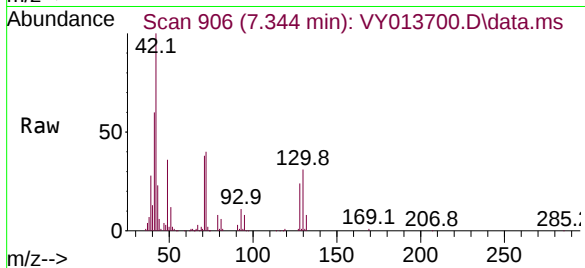
Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS



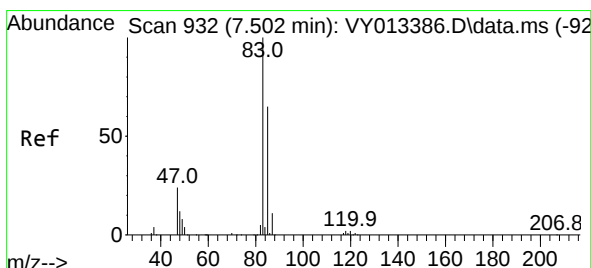
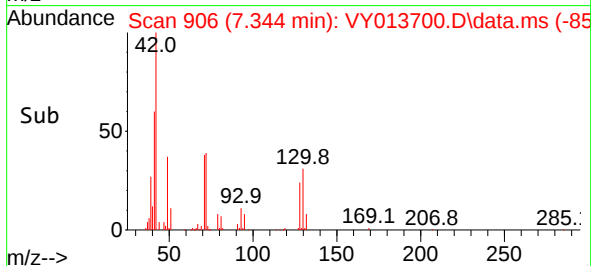
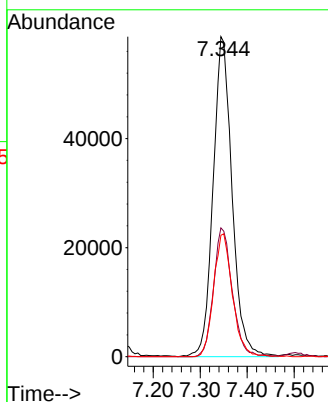
Tgt Ion: 42 Resp: 164617

Ion Ratio Lower Upper

42 100

72 39.8 35.9 53.9

71 38.0 34.3 51.5



#30

Chloroform

Concen: 57.056 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY013700.D

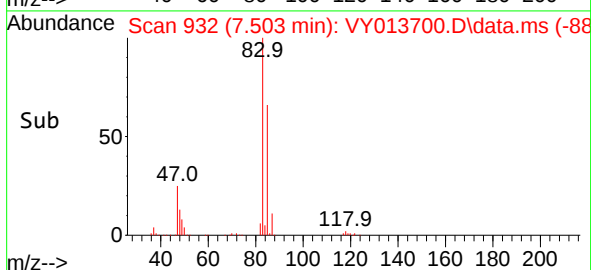
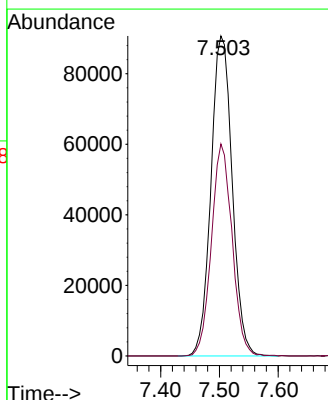
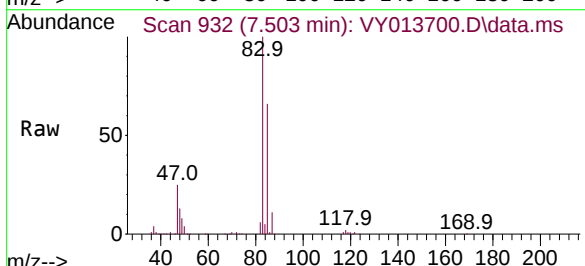
Acq: 10 May 2023 20:00

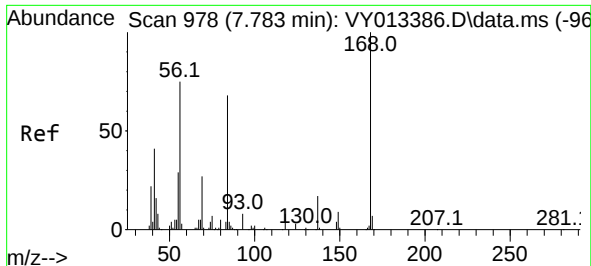
Tgt Ion: 83 Resp: 227352

Ion Ratio Lower Upper

83 100

85 66.3 52.0 78.0

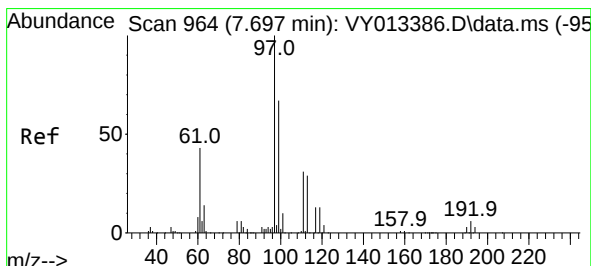
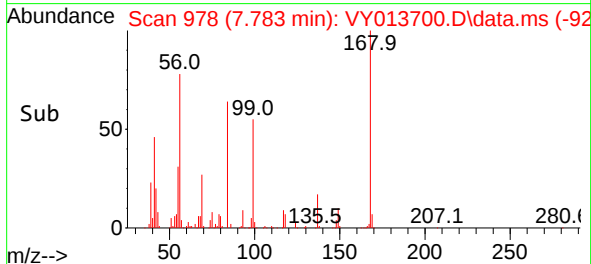
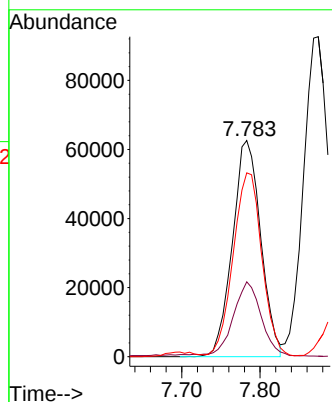
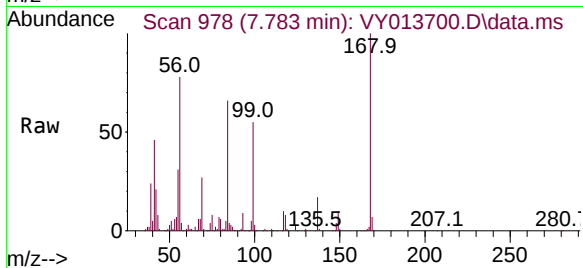




#31
Cyclohexane
Concen: 41.909 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

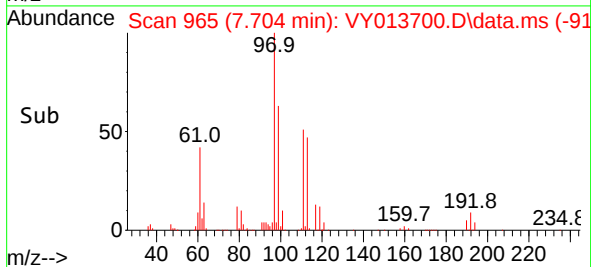
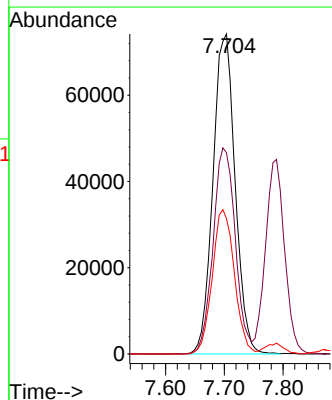
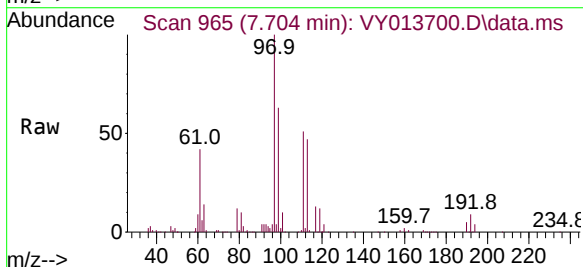
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

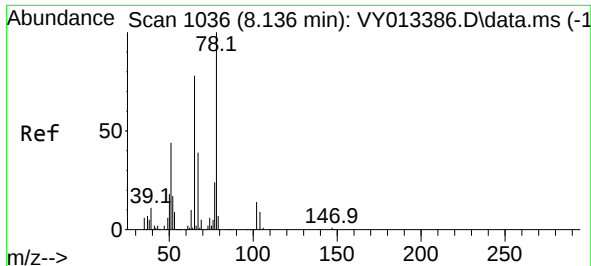
Tgt Ion: 56 Resp: 156926
Ion Ratio Lower Upper
56 100
69 33.7 29.2 43.8
84 82.9 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 54.717 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 97 Resp: 194559
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 59.037 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

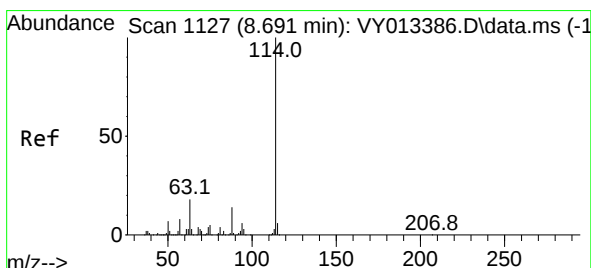
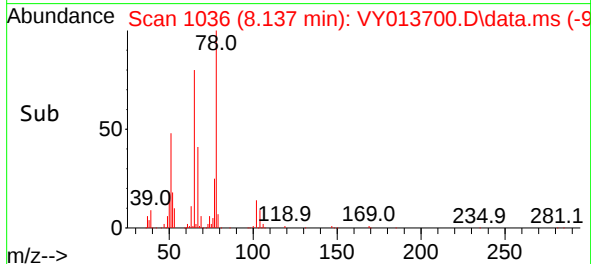
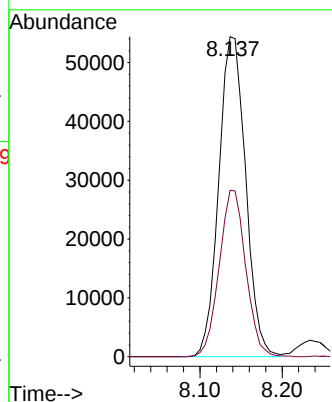
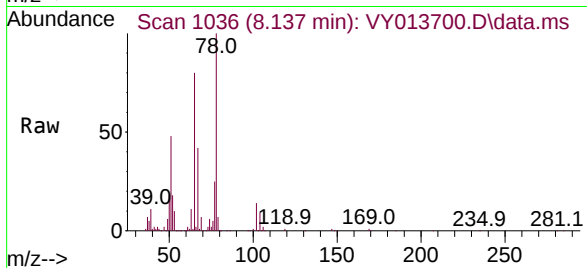
SB-04_0-2_20230509MS

Tgt Ion: 65 Resp: 123469

Ion Ratio Lower Upper

65 100

67 51.3 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: VY013700.D

Acq: 10 May 2023 20:00

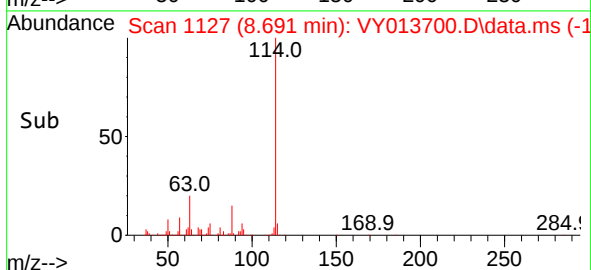
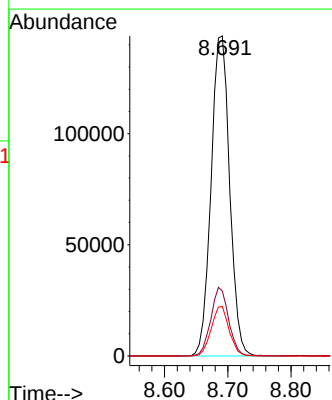
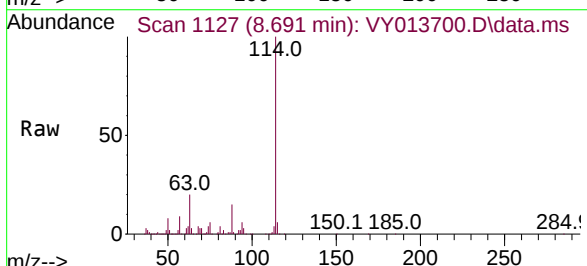
Tgt Ion:114 Resp: 293539

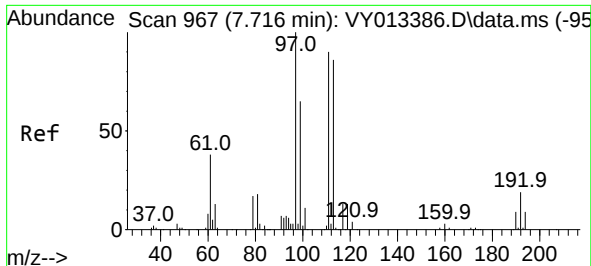
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 15.5 0.0 28.8

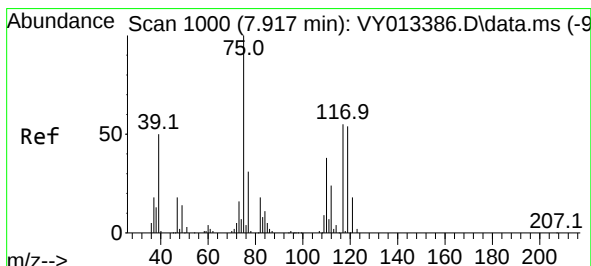
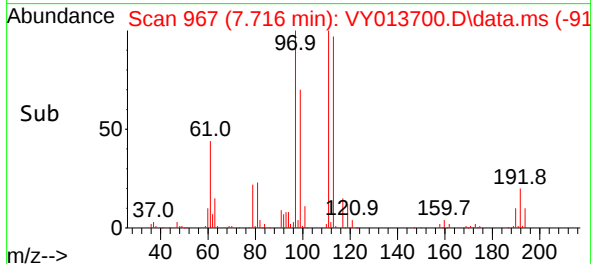
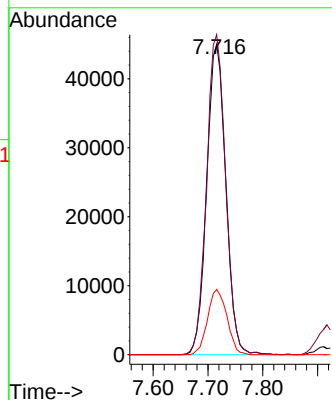
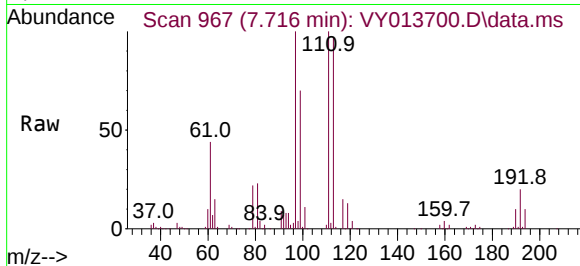




#35
Dibromofluoromethane
Concen: 59.018 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

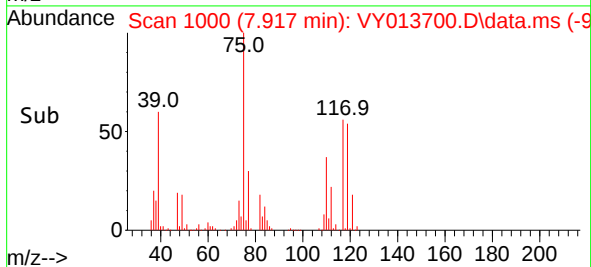
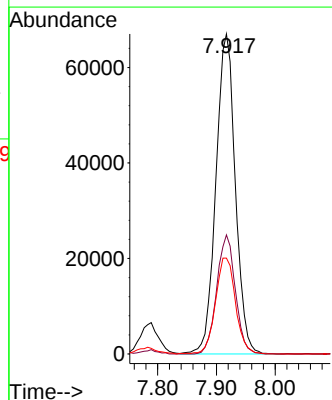
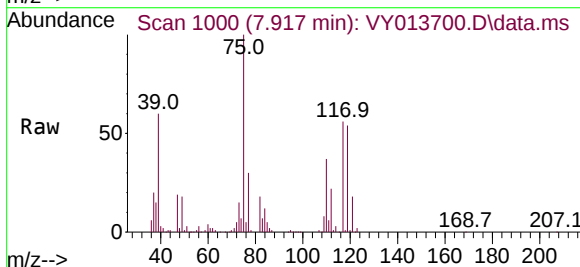
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

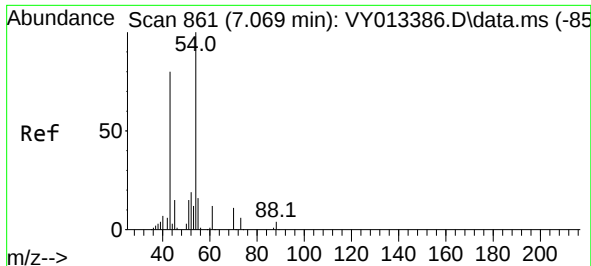
Tgt Ion:113 Resp: 108960
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 50.166 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 75 Resp: 153713
Ion Ratio Lower Upper
75 100
110 35.7 18.7 56.1
77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 47.679 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS

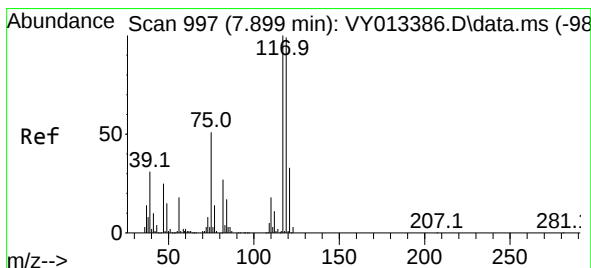
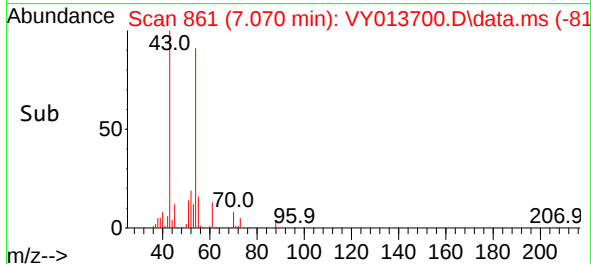
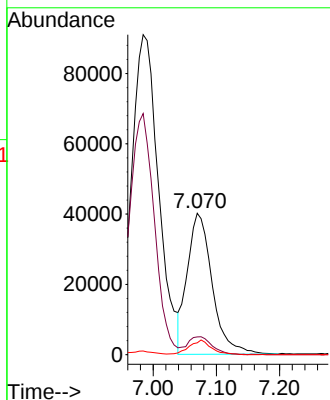
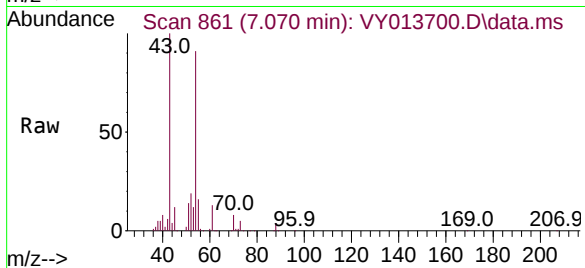
Tgt Ion: 43 Resp: 109940

Ion Ratio Lower Upper

43 100

61 12.2 11.4 17.0

70 9.2 7.9 11.9



#38

Carbon Tetrachloride

Concen: 54.677 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

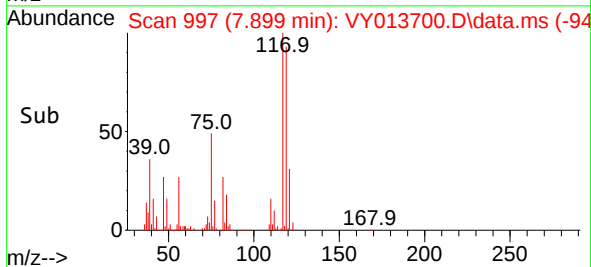
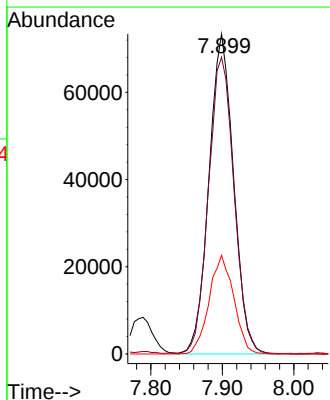
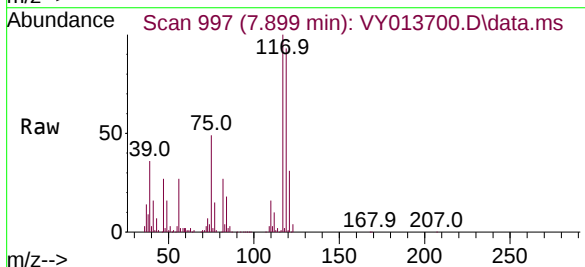
Tgt Ion: 117 Resp: 175597

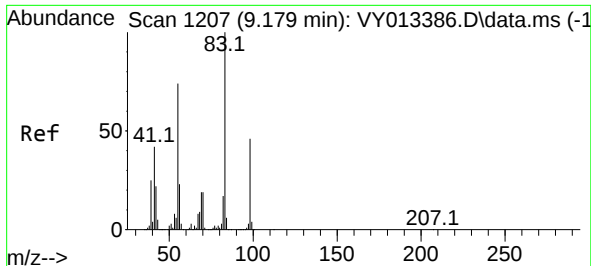
Ion Ratio Lower Upper

117 100

119 92.7 79.0 118.6

121 30.8 26.6 40.0





#39

Methylcyclohexane

Concen: 44.769 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS

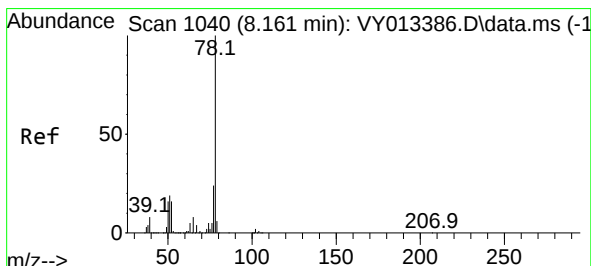
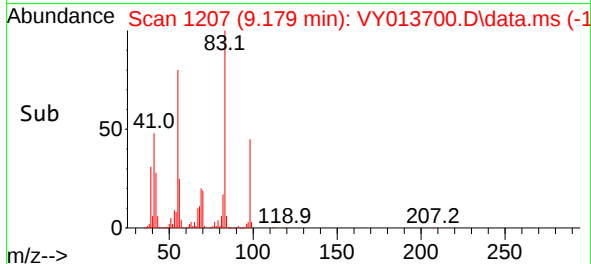
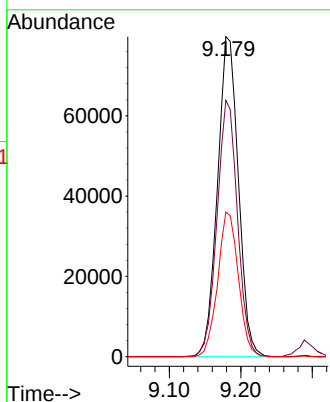
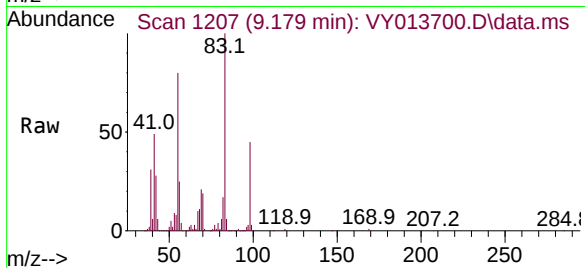
Tgt Ion: 83 Resp: 161716

Ion Ratio Lower Upper

83 100

55 80.1 59.0 88.4

98 45.2 37.0 55.4



#40

Benzene

Concen: 53.734 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013700.D

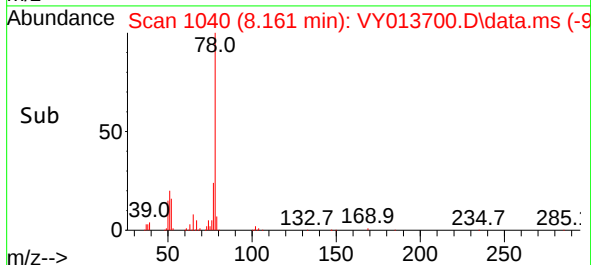
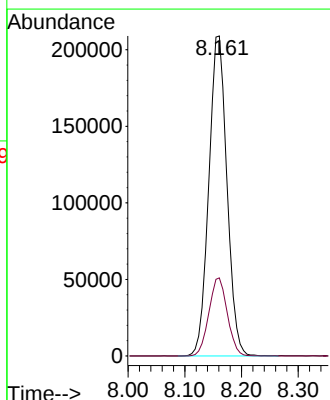
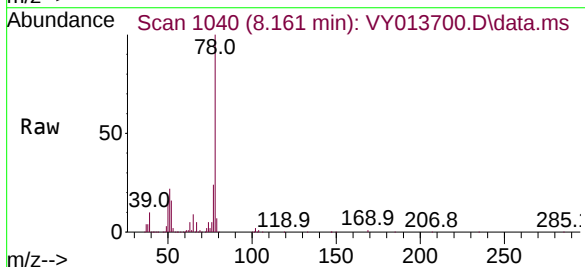
Acq: 10 May 2023 20:00

Tgt Ion: 78 Resp: 463781

Ion Ratio Lower Upper

78 100

77 24.4 19.2 28.8

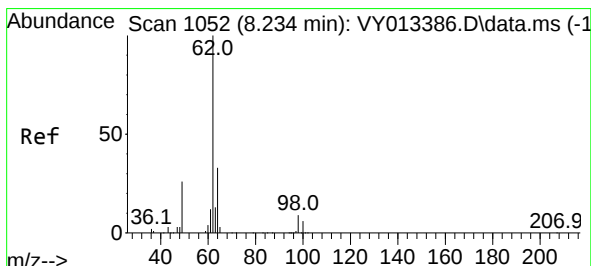
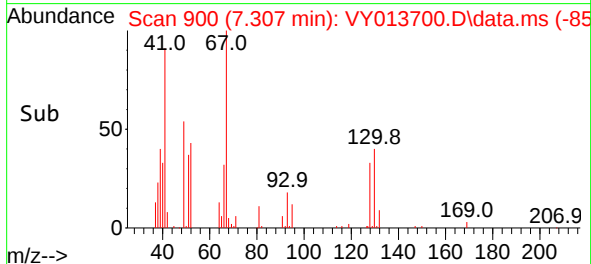
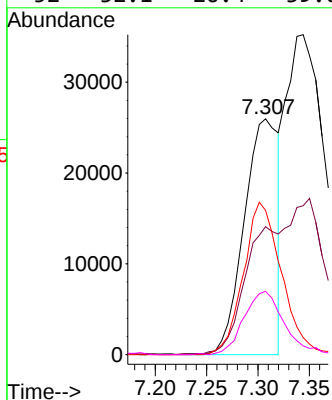
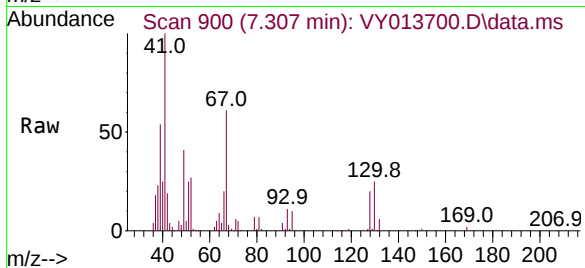




#41
Methacrylonitrile
Concen: 56.014 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

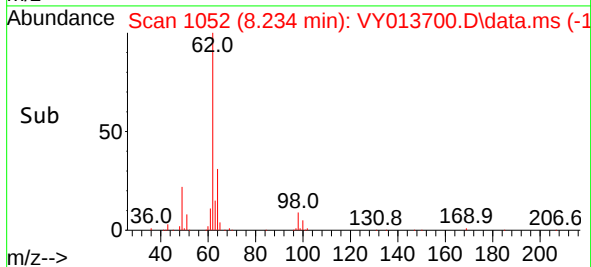
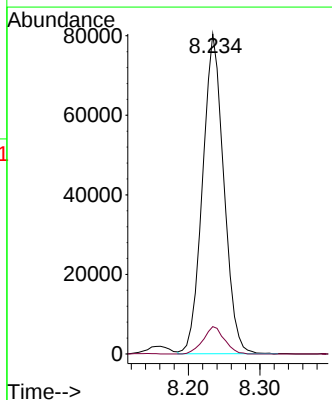
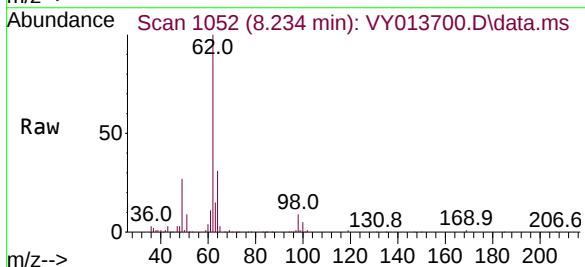
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

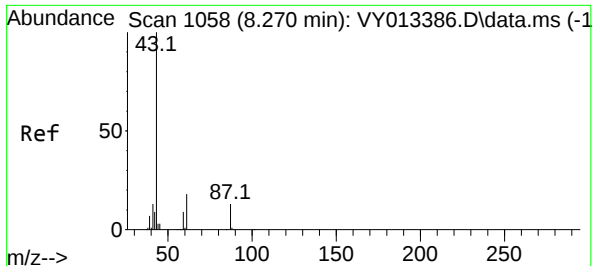
Tgt Ion:	41	Resp:	60187
Ion	Ratio	Lower	Upper
41	100		
39	54.4	44.2	66.4
67	72.2	62.9	94.3
52	32.1	26.4	39.6



#42
1,2-Dichloroethane
Concen: 58.741 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion:	62	Resp:	165754
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8





#43

Isopropyl Acetate

Concen: 52.025 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY013700.D

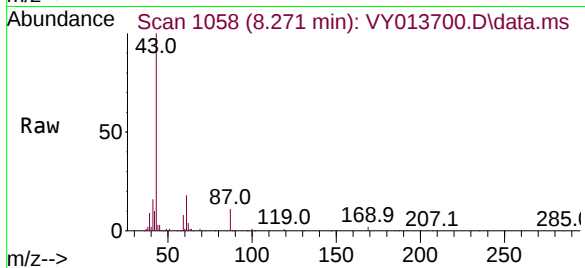
Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS



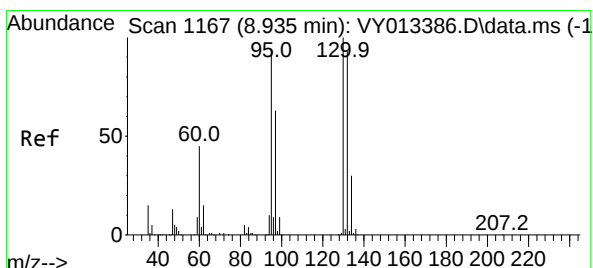
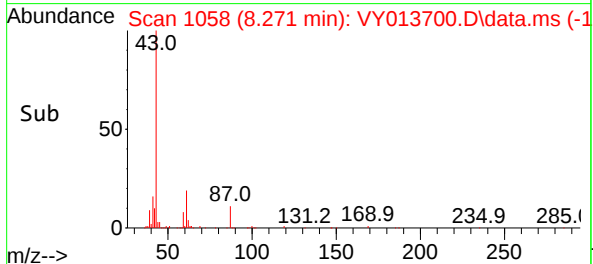
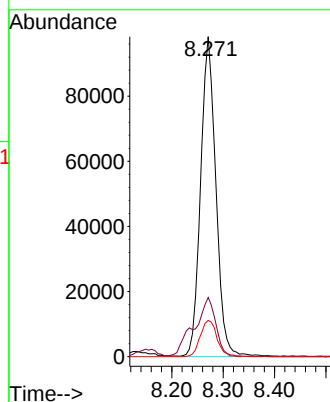
Tgt Ion: 43 Resp: 202479

Ion Ratio Lower Upper

43 100

61 26.6 22.2 33.4

87 12.3 11.0 16.6



#44

Trichloroethene

Concen: 52.605 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013700.D

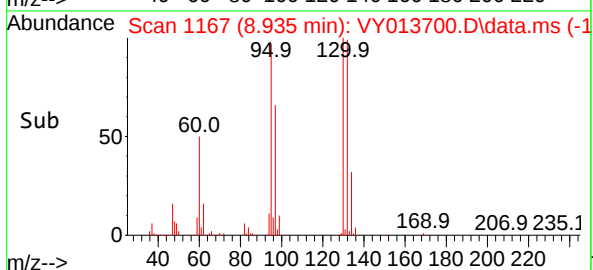
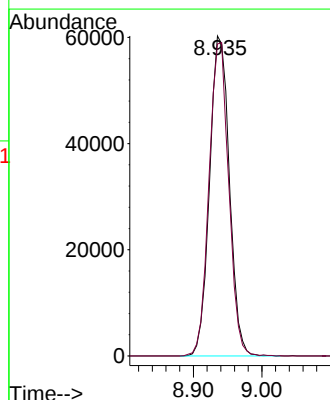
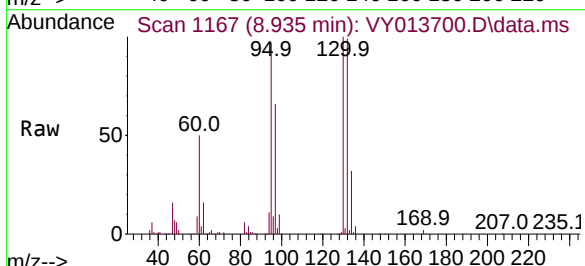
Acq: 10 May 2023 20:00

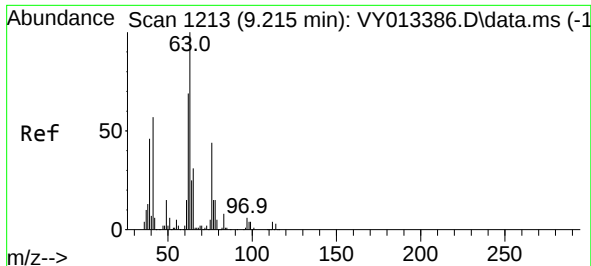
Tgt Ion:130 Resp: 120775

Ion Ratio Lower Upper

130 100

95 97.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 56.148 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

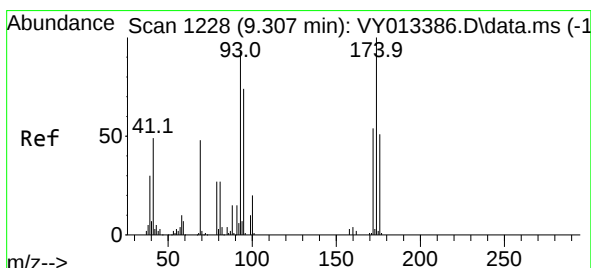
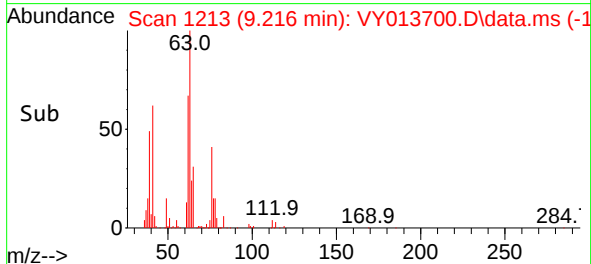
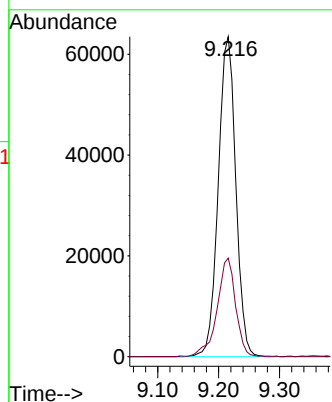
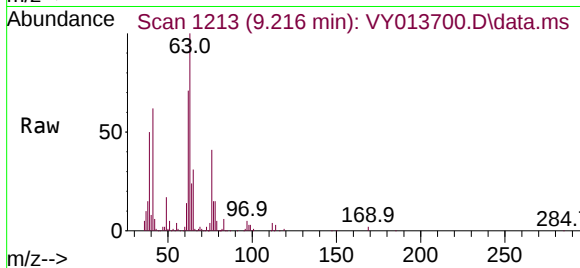
SB-04_0-2_20230509MS

Tgt Ion: 63 Resp: 126710

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#46

Dibromomethane

Concen: 55.486 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

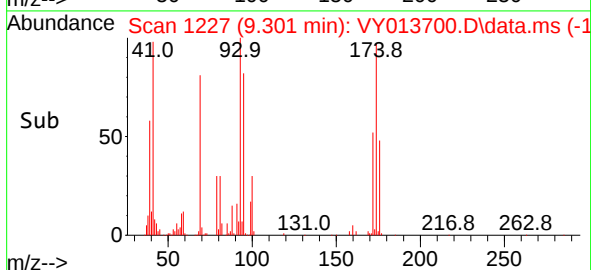
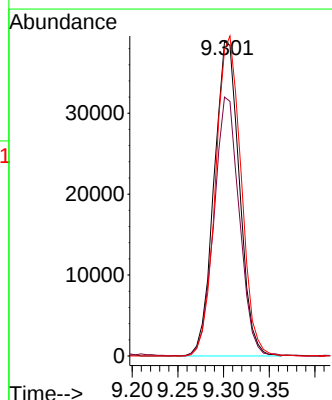
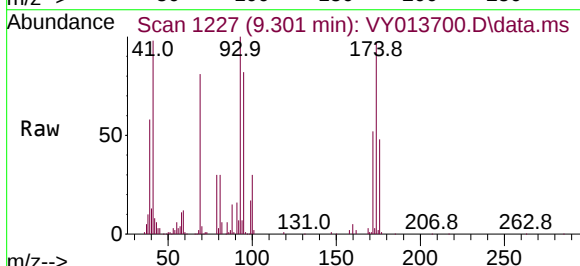
Tgt Ion: 93 Resp: 74922

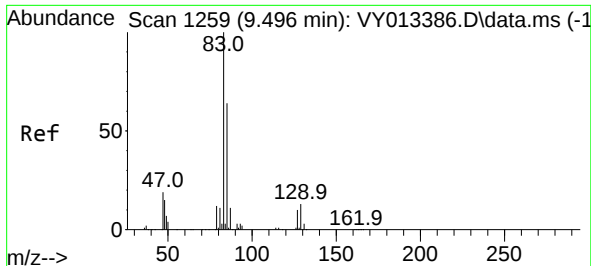
Ion Ratio Lower Upper

93 100

95 82.5 67.1 100.7

174 102.5 87.0 130.4

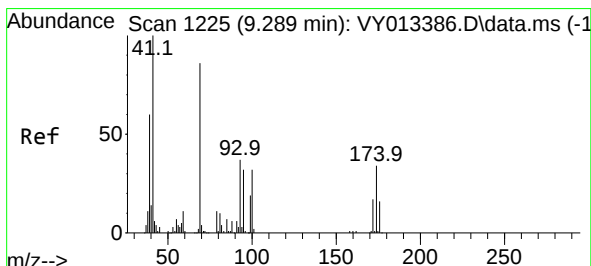
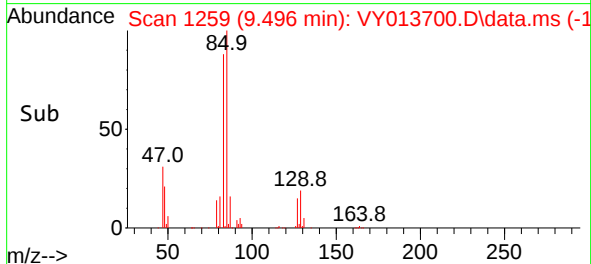
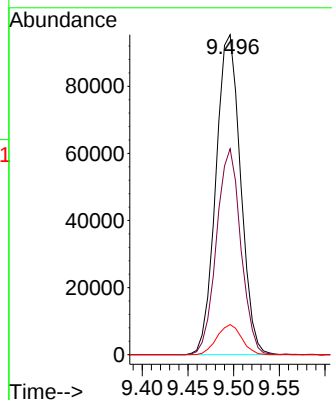
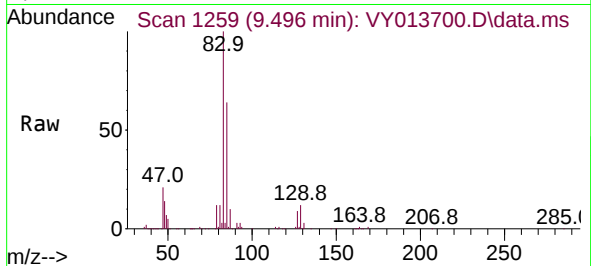




#47
Bromodichloromethane
Concen: 59.331 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

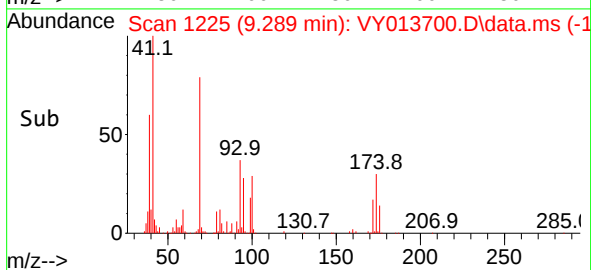
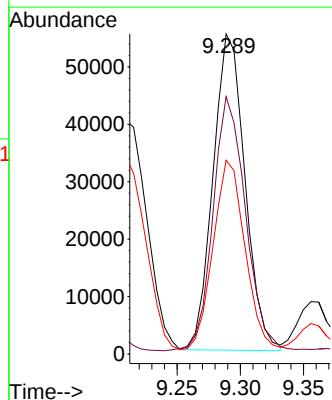
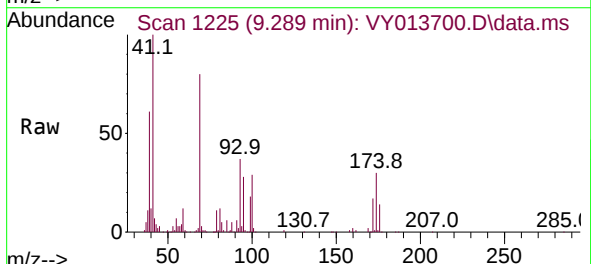
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

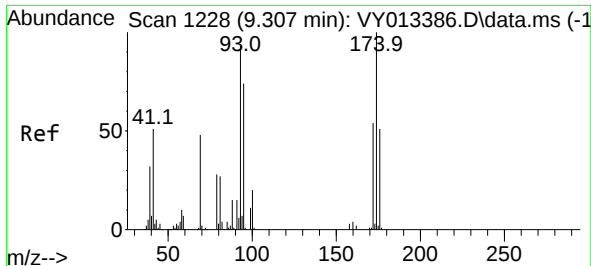
Tgt Ion: 83 Resp: 179265
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 9.4 8.1 12.1



#48
Methyl methacrylate
Concen: 54.047 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 41 Resp: 96606
Ion Ratio Lower Upper
41 100
69 82.1 70.2 105.4
39 62.9 47.9 71.9





#49

1,4-Dioxane

Concen: 991.810 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS

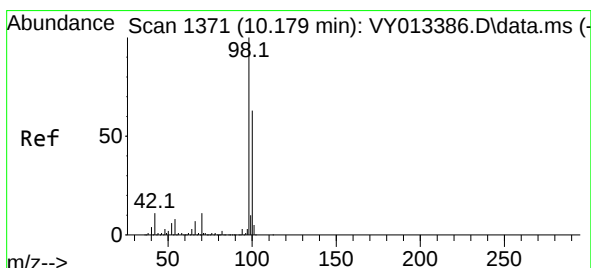
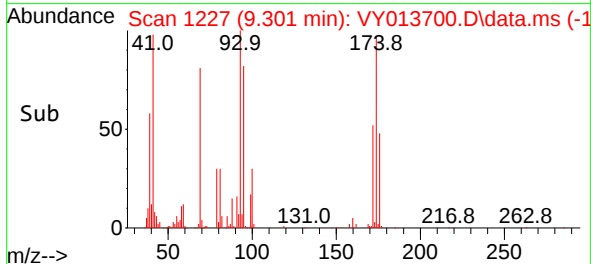
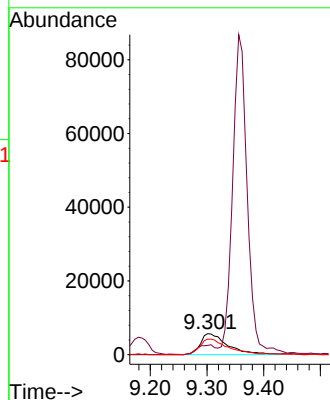
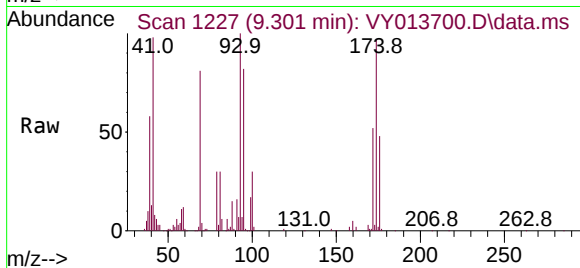
Tgt Ion: 88 Resp: 19127

Ion Ratio Lower Upper

88 100

43 32.4 16.8 25.2#

58 76.5 54.3 81.5



#50

Toluene-d8

Concen: 54.023 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013700.D

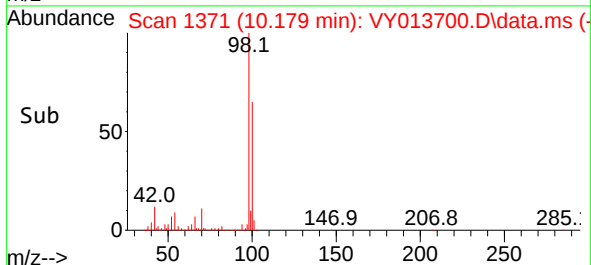
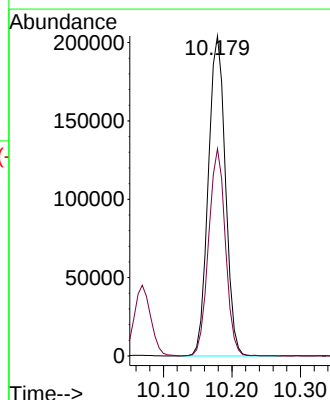
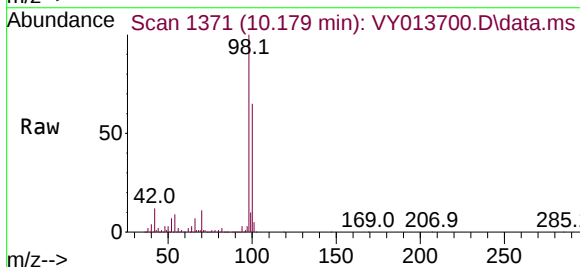
Acq: 10 May 2023 20:00

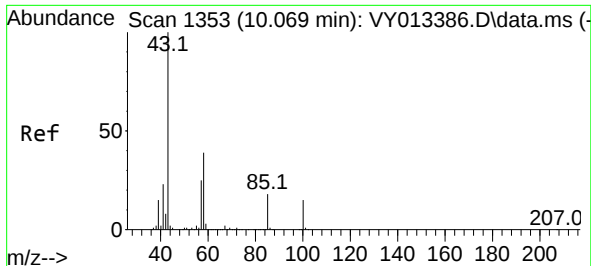
Tgt Ion: 98 Resp: 354811

Ion Ratio Lower Upper

98 100

100 63.6 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 268.477 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

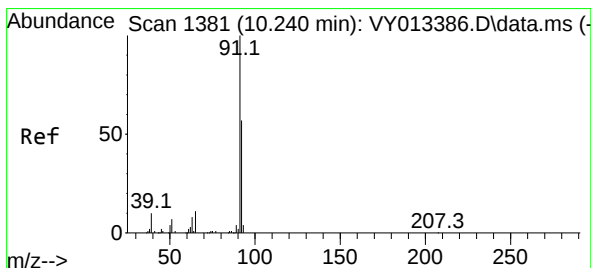
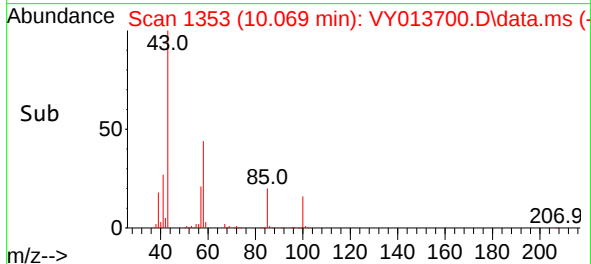
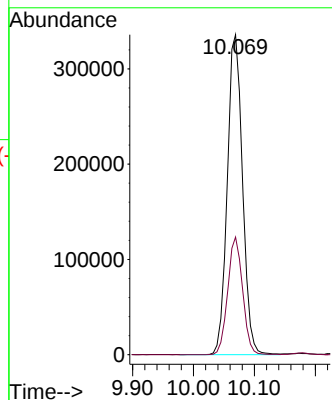
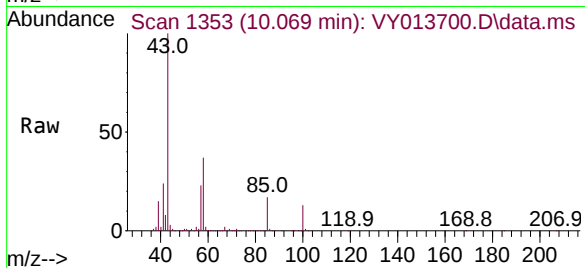
SB-04_0-2_20230509MS

Tgt Ion: 43 Resp: 582269

Ion Ratio Lower Upper

43 100

58 36.0 30.6 46.0



#52

Toluene

Concen: 56.006 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013700.D

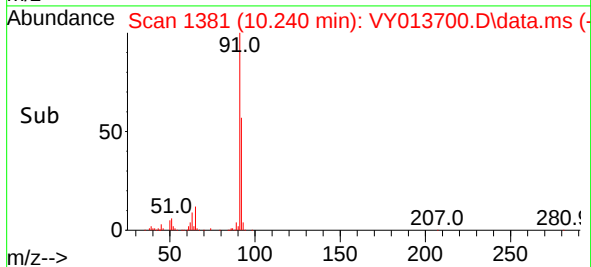
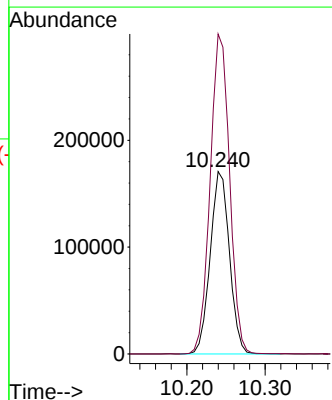
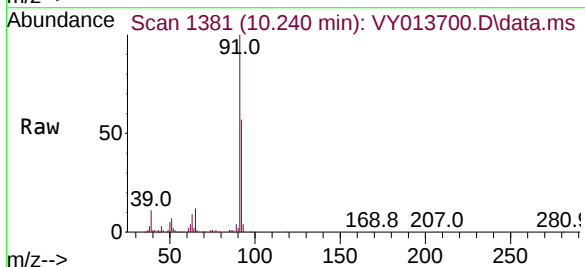
Acq: 10 May 2023 20:00

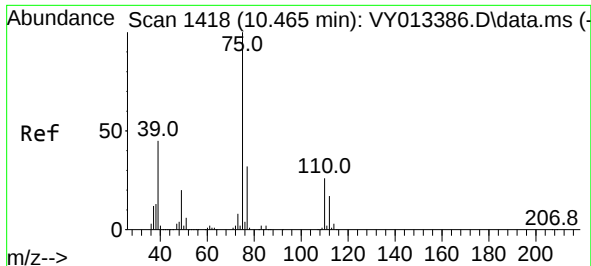
Tgt Ion: 92 Resp: 290893

Ion Ratio Lower Upper

92 100

91 177.3 140.2 210.4

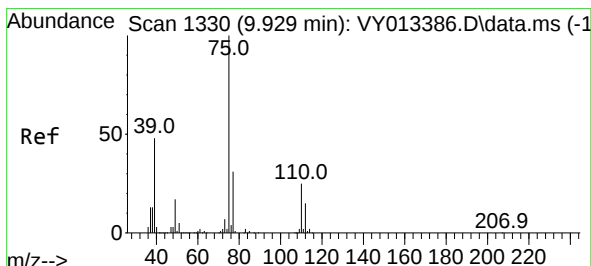
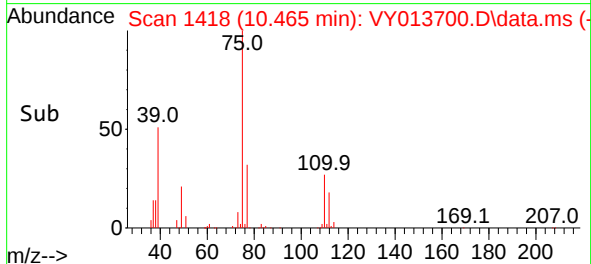
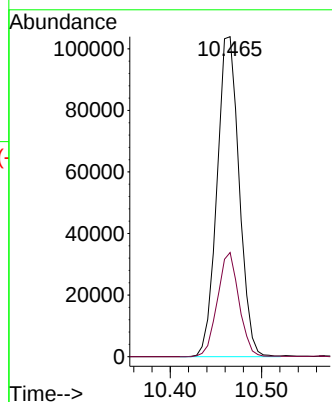
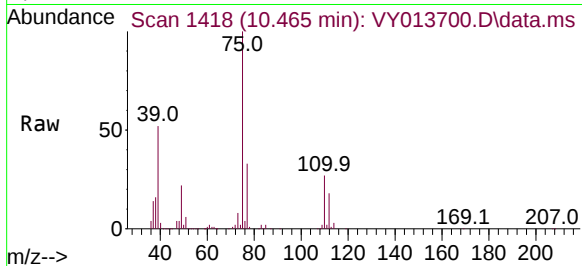




#53
 t-1,3-Dichloropropene
 Concen: 54.799 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013700.D
 Acq: 10 May 2023 20:00

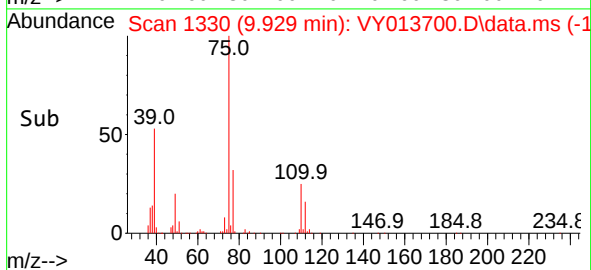
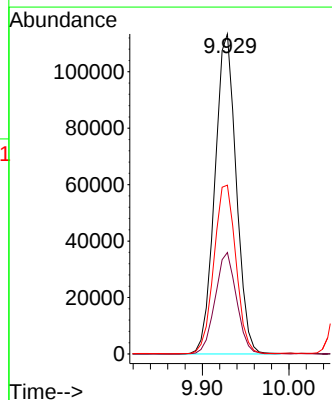
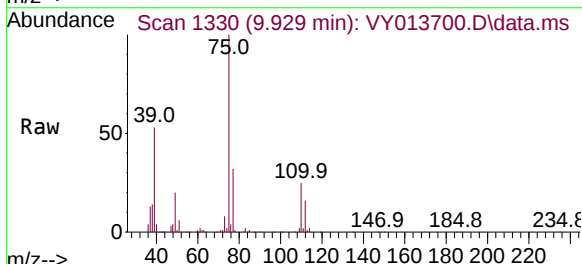
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509MS

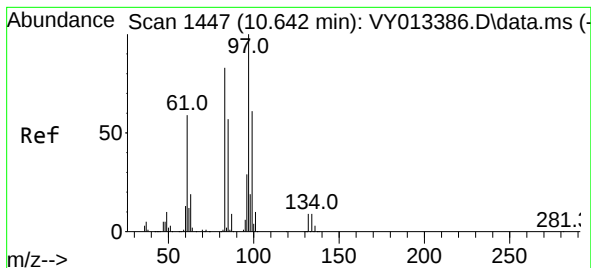
Tgt Ion: 75 Resp: 175231
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.011 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013700.D
 Acq: 10 May 2023 20:00

Tgt Ion: 75 Resp: 194342
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2
 39 52.6 38.1 57.1

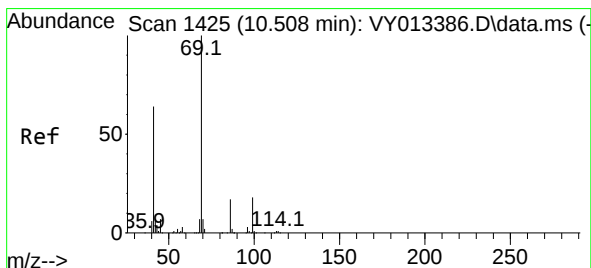
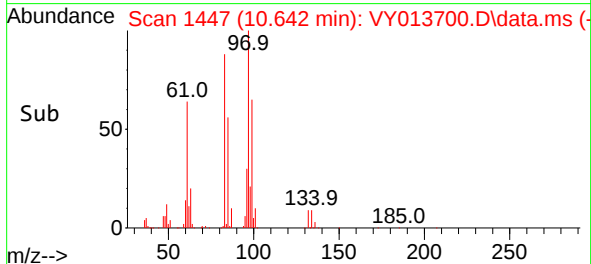
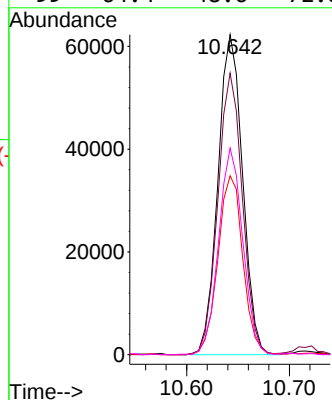
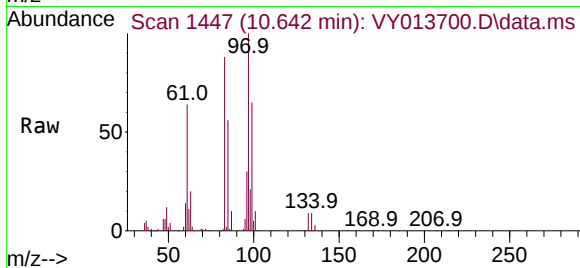




#55
1,1,2-Trichloroethane
Concen: 58.032 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

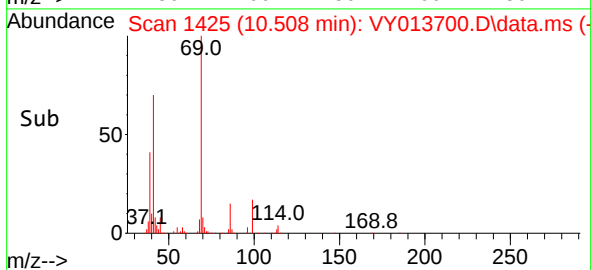
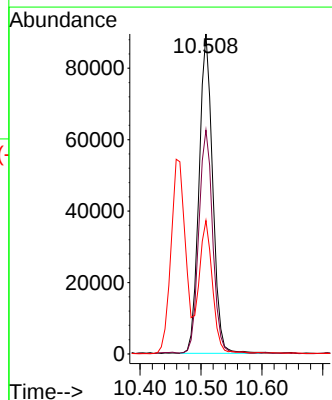
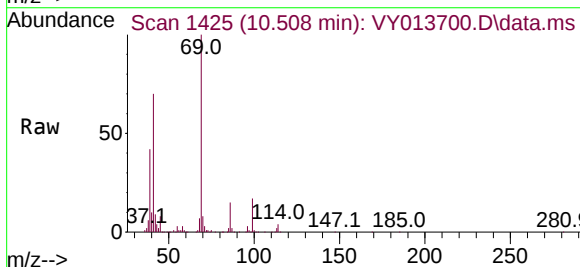
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

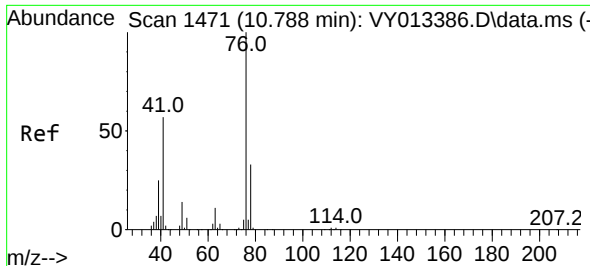
Tgt Ion: 97	Resp: 103772
Ion Ratio	Lower Upper
97 100	
83 88.0	66.4 99.6
85 55.9	45.6 68.4
99 64.4	48.6 72.8



#56
Ethyl methacrylate
Concen: 56.107 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 69	Resp: 139191
Ion Ratio	Lower Upper
69 100	
41 70.8	51.4 77.0
39 41.0	29.0 43.6





#57

1,3-Dichloropropane

Concen: 57.848 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

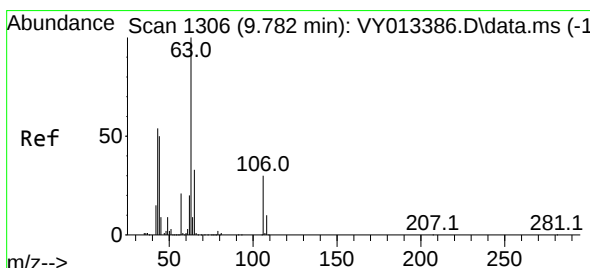
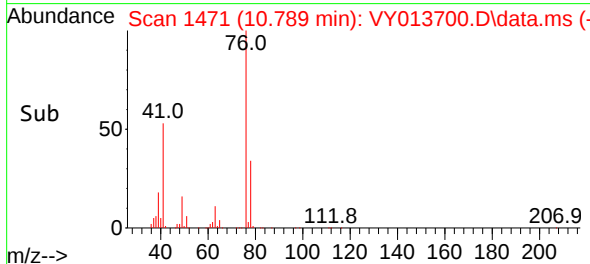
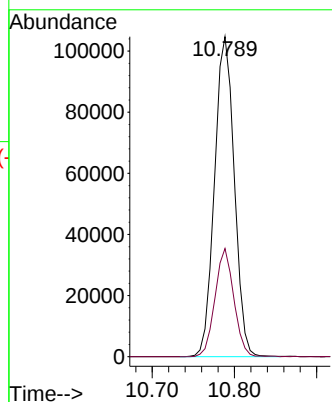
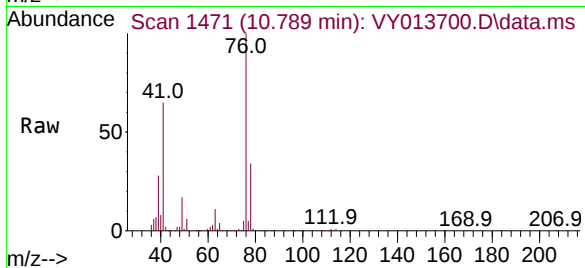
SB-04_0-2_20230509MS

Tgt Ion: 76 Resp: 175191

Ion Ratio Lower Upper

76 100

78 32.2 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 249.114 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013700.D

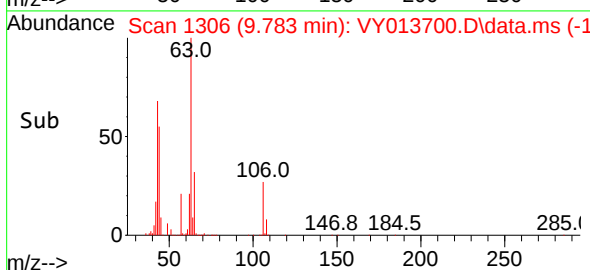
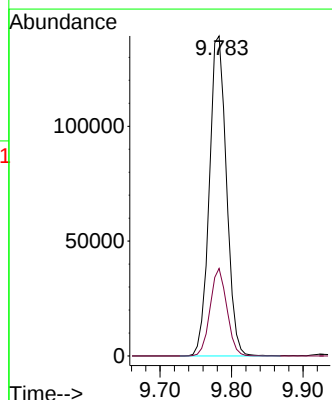
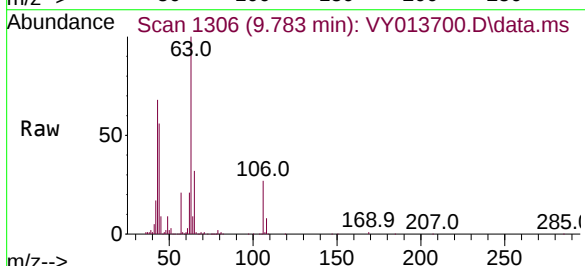
Acq: 10 May 2023 20:00

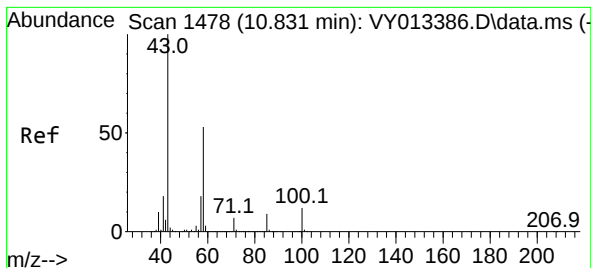
Tgt Ion: 63 Resp: 231743

Ion Ratio Lower Upper

63 100

106 26.7 23.5 35.3

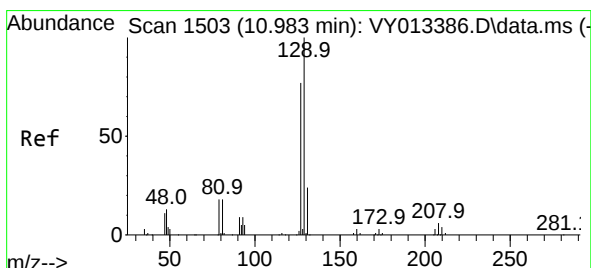
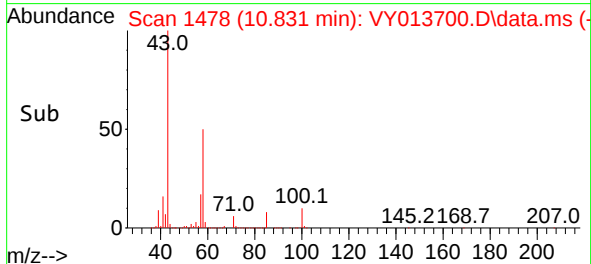
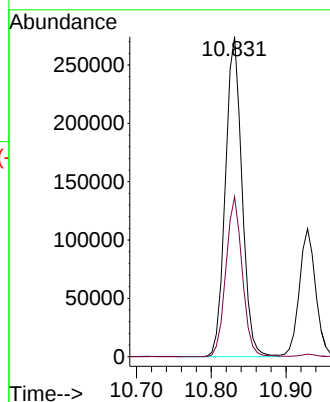
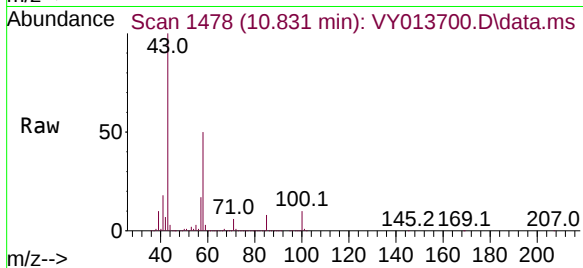




#59
2-Hexanone
Concen: 269.488 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

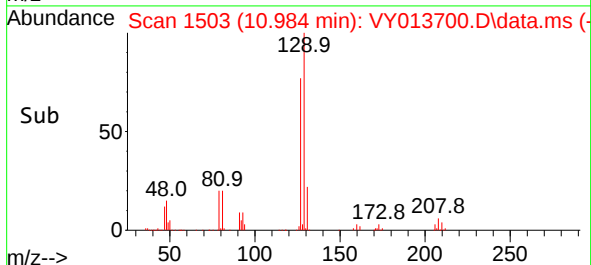
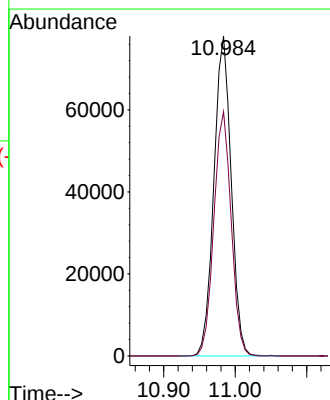
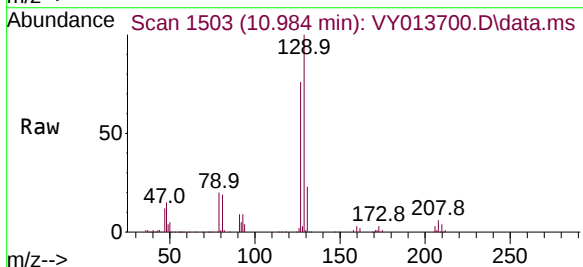
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

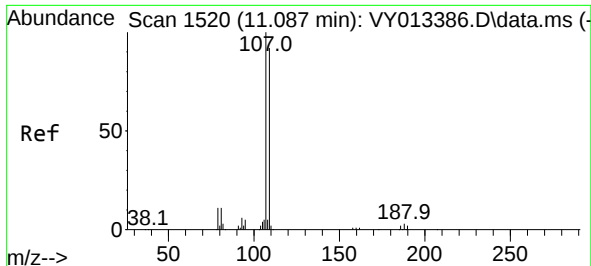
Tgt Ion: 43 Resp: 424857
Ion Ratio Lower Upper
43 100
58 49.3 26.3 78.8



#60
Dibromochloromethane
Concen: 60.283 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 129 Resp: 130889
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1

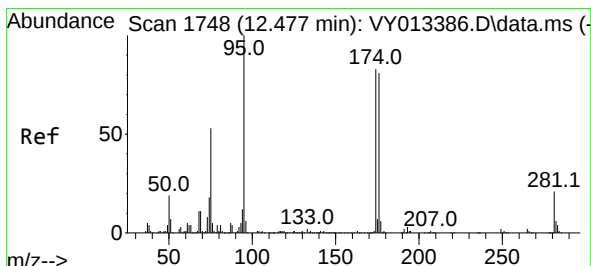
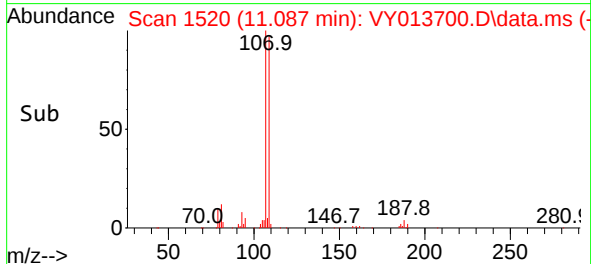
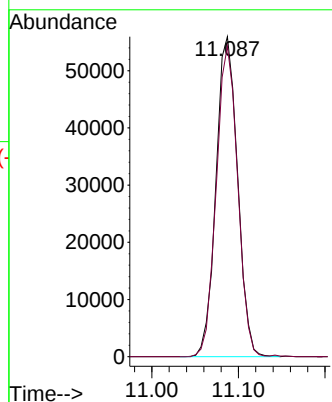
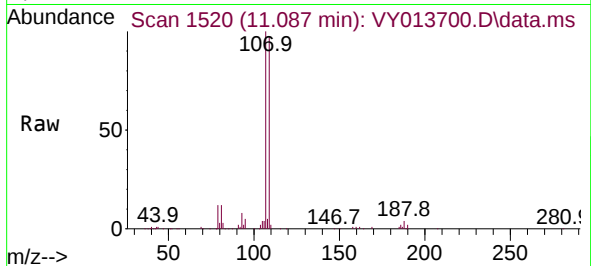




#61
1,2-Dibromoethane
Concen: 55.104 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

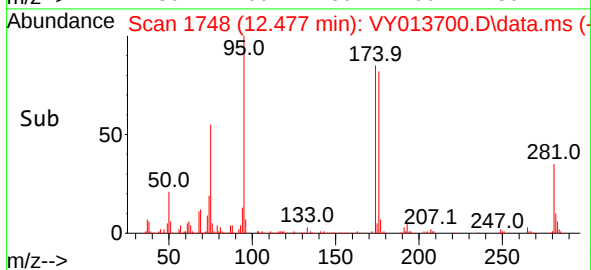
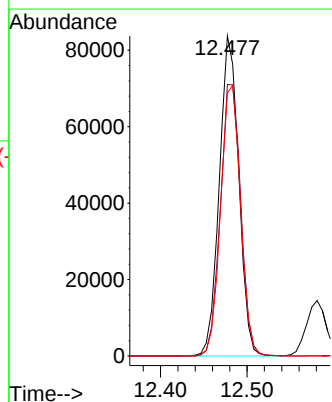
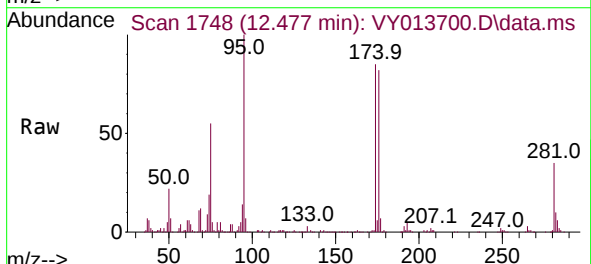
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

Tgt Ion:107 Resp: 96877
Ion Ratio Lower Upper
107 100
109 96.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.968 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 95 Resp: 130565
Ion Ratio Lower Upper
95 100
174 89.0 0.0 182.0
176 86.4 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: VY013700.D

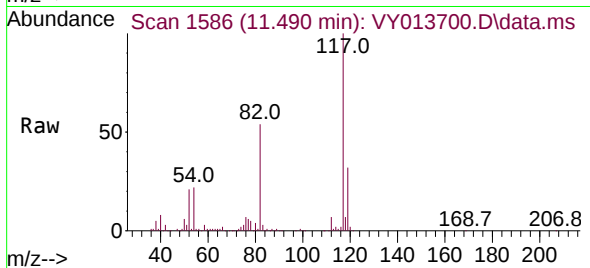
Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS



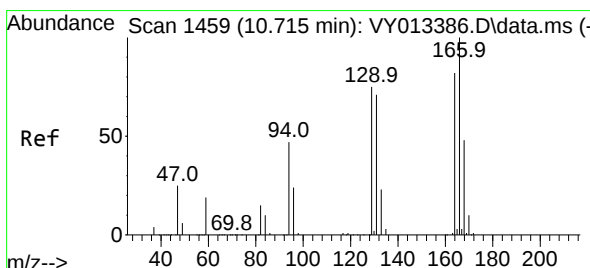
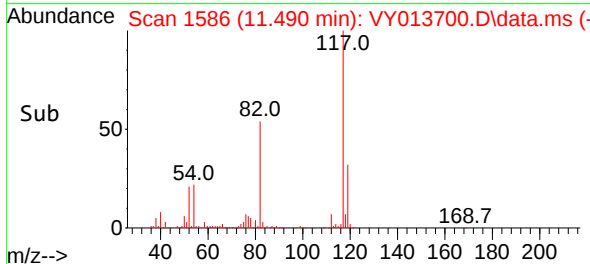
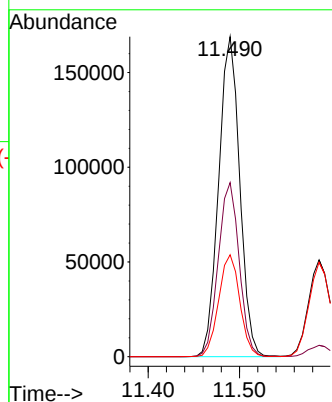
Tgt Ion:117 Resp: 271095

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.6

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 52.460 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Tgt Ion:164 Resp: 108143

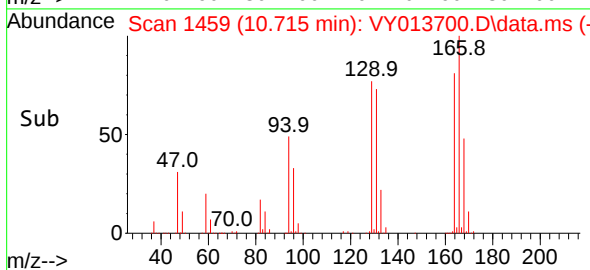
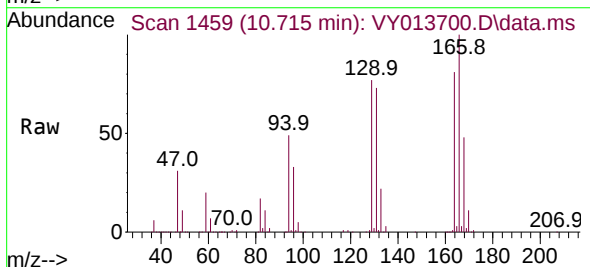
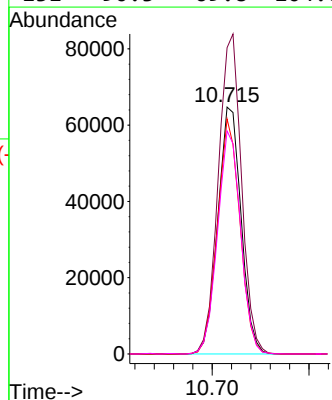
Ion Ratio Lower Upper

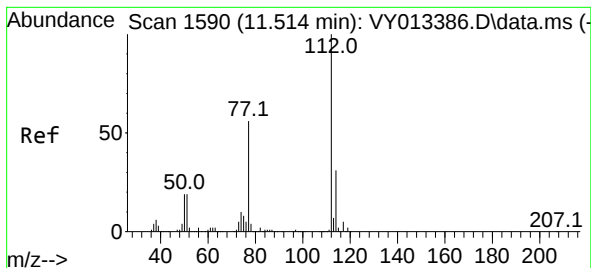
164 100

166 124.0 97.5 146.3

129 95.2 72.6 109.0

131 90.3 69.8 104.6





#65

Chlorobenzene

Concen: 52.101 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

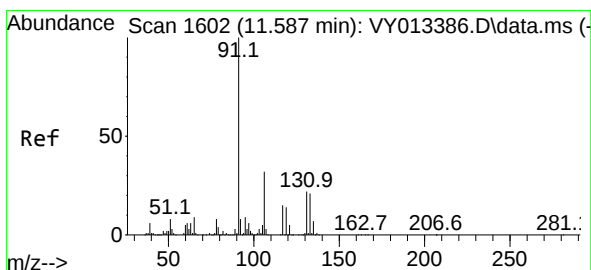
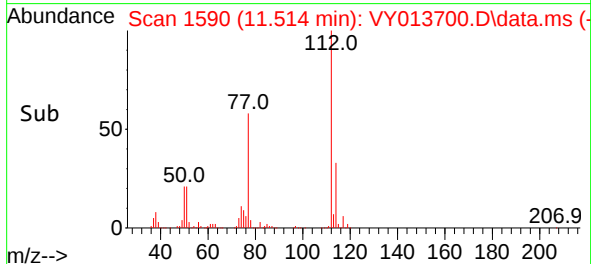
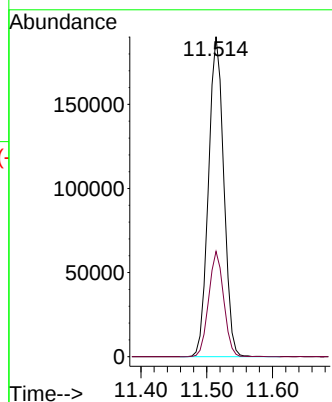
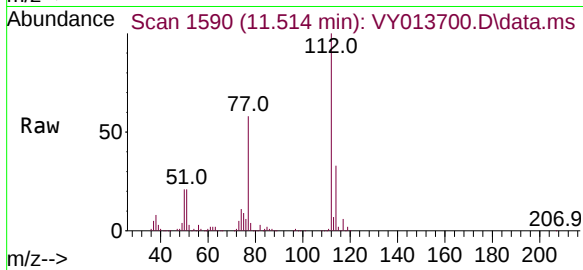
SB-04_0-2_20230509MS

Tgt Ion:112 Resp: 307683

Ion Ratio Lower Upper

112 100

114 32.9 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 57.270 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

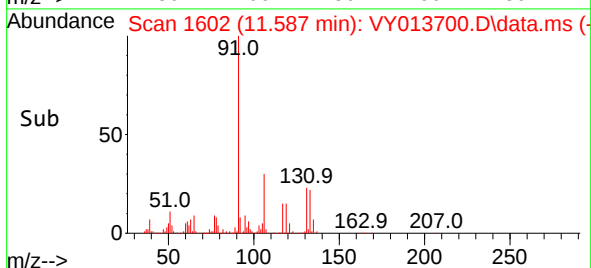
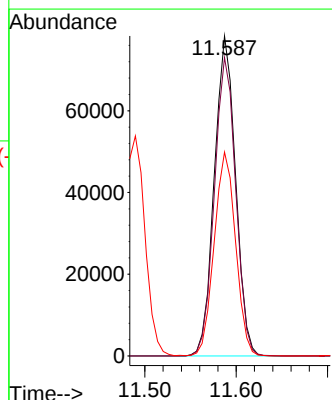
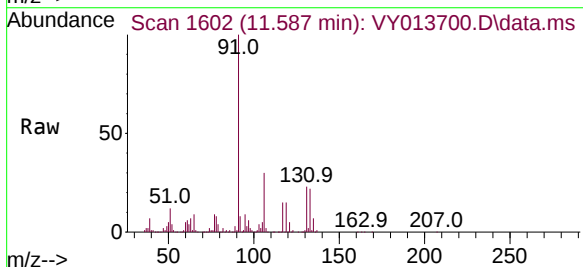
Tgt Ion:131 Resp: 126489

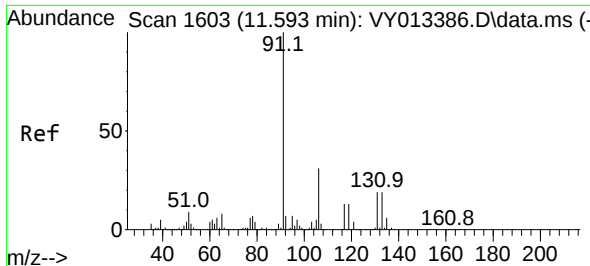
Ion Ratio Lower Upper

131 100

133 93.7 47.7 143.1

119 64.2 32.6 98.0





#67

Ethyl Benzene

Concen: 53.265 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

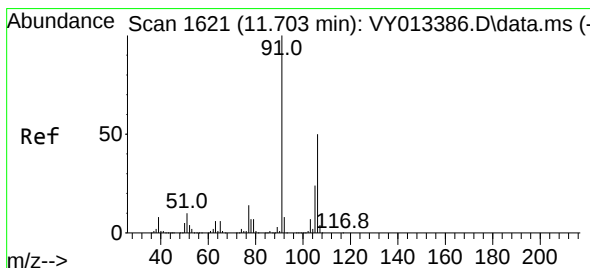
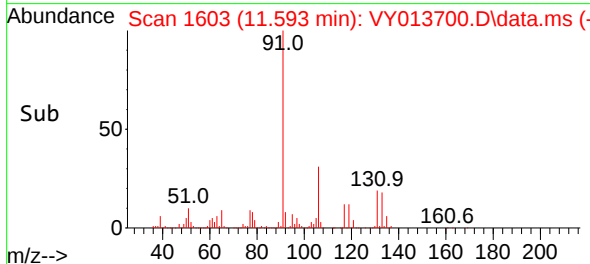
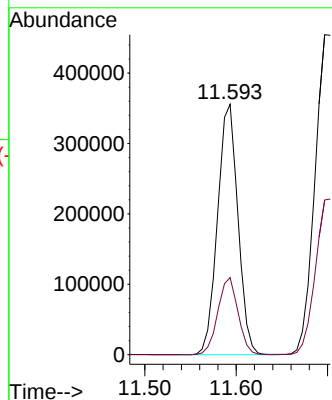
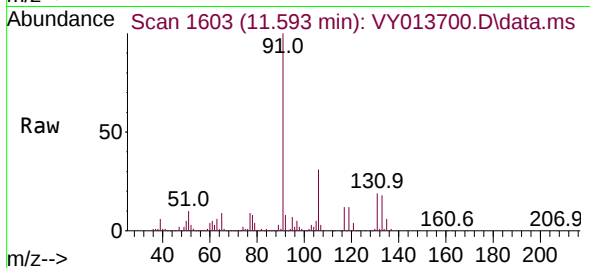
SB-04_0-2_20230509MS

Tgt Ion: 91 Resp: 552362

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#68

m/p-Xylenes

Concen: 105.188 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013700.D

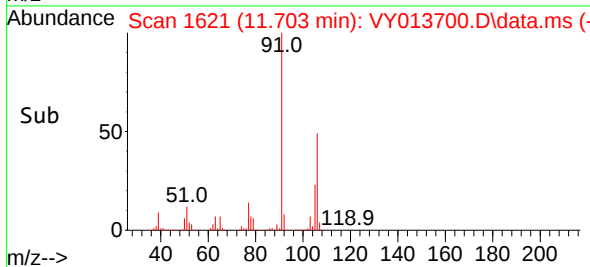
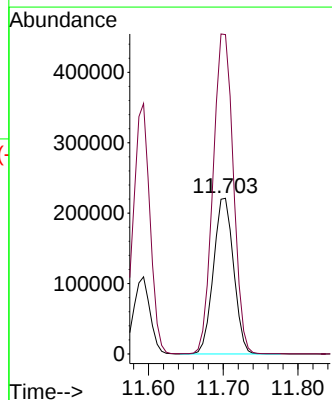
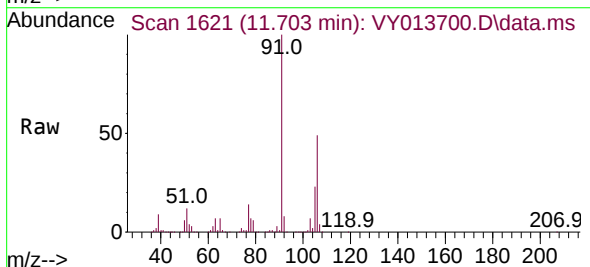
Acq: 10 May 2023 20:00

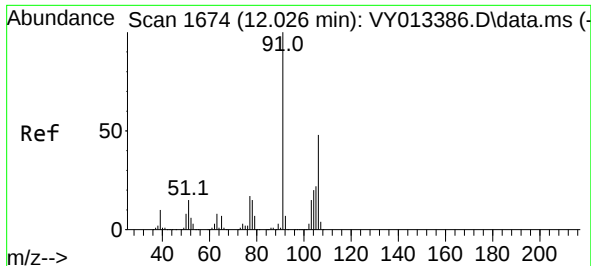
Tgt Ion:106 Resp: 414672

Ion Ratio Lower Upper

106 100

91 207.1 160.9 241.3

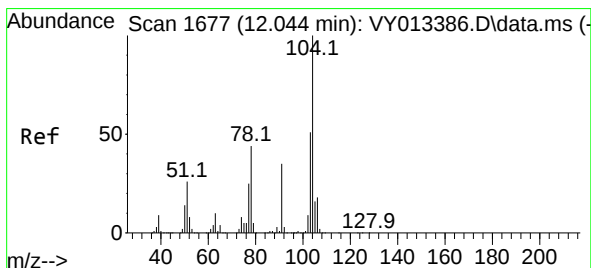
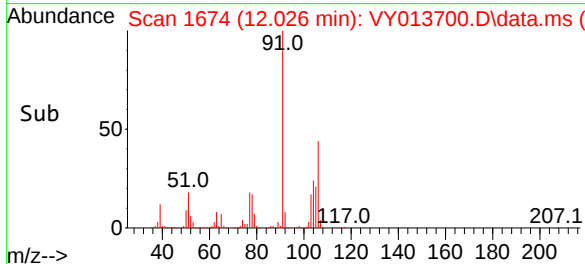
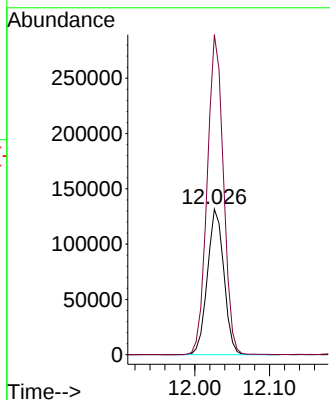
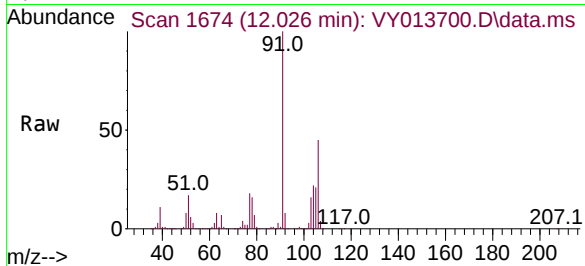




#69
o-Xylene
Concen: 54.243 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

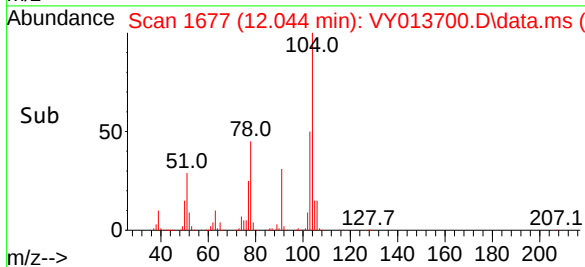
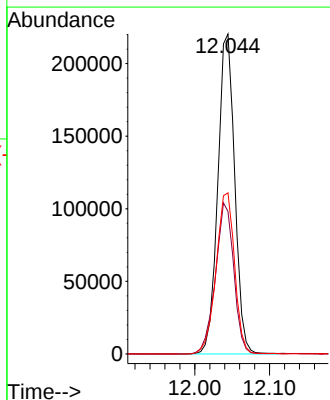
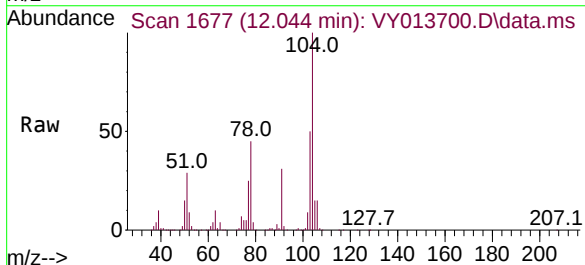
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

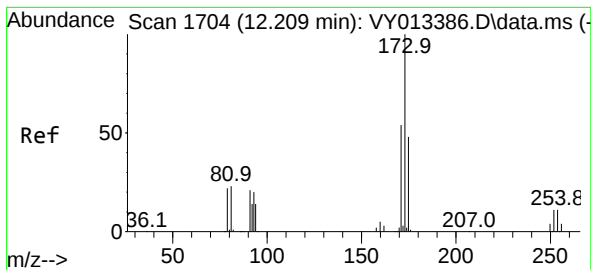
Tgt Ion:106 Resp: 202235
Ion Ratio Lower Upper
106 100
91 216.6 105.5 316.4



#70
Styrene
Concen: 55.676 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion:104 Resp: 347075
Ion Ratio Lower Upper
104 100
78 51.3 40.3 60.5
103 55.2 45.0 67.4





#71

Bromoform

Concen: 57.329 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS

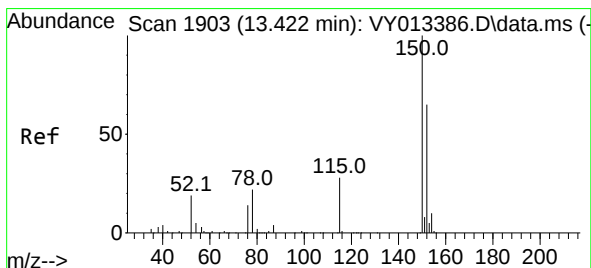
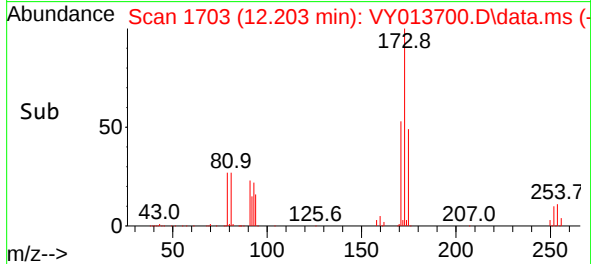
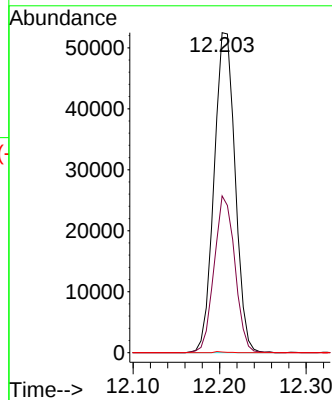
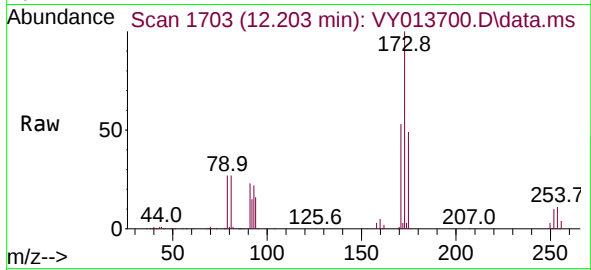
Tgt Ion:173 Resp: 88690

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

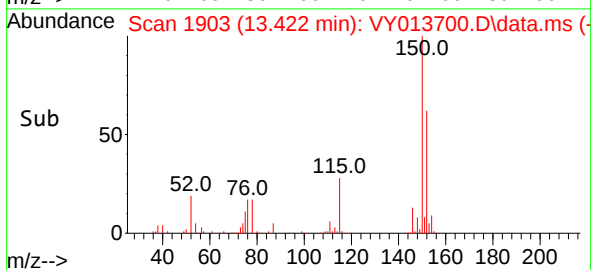
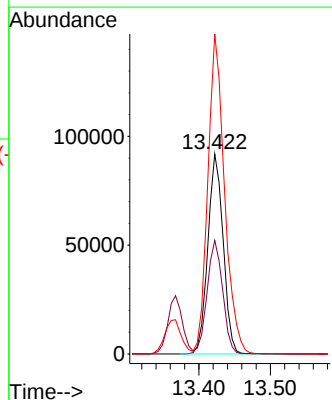
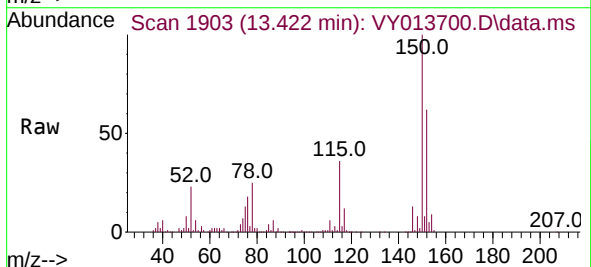
Tgt Ion:152 Resp: 137141

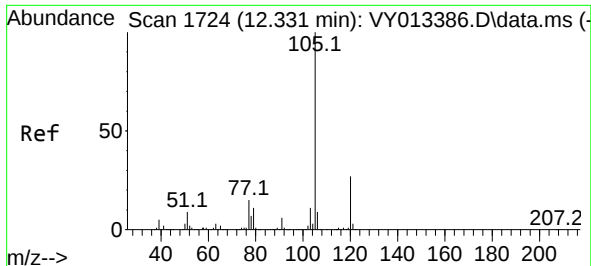
Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.2

150 173.2 0.0 352.0

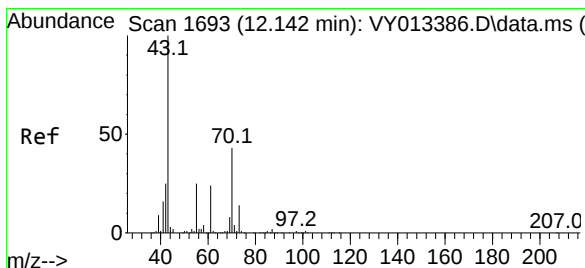
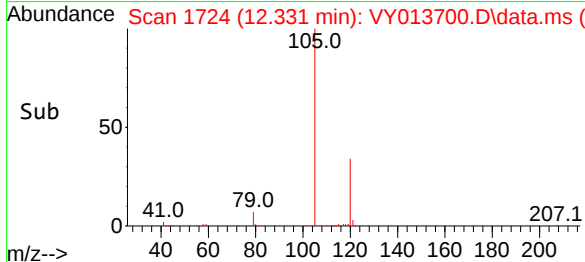
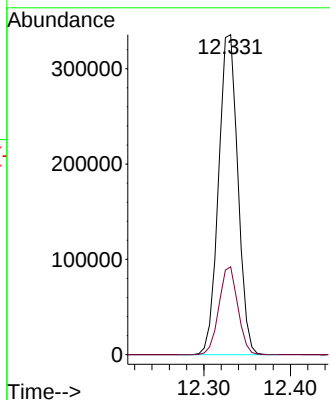
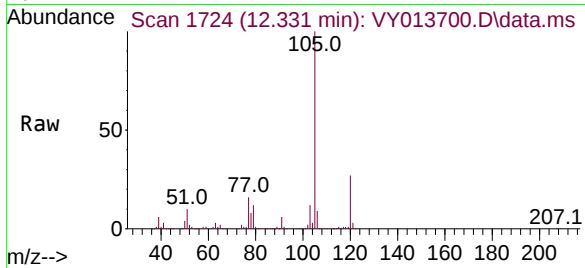




#73
Isopropylbenzene
Concen: 50.111 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

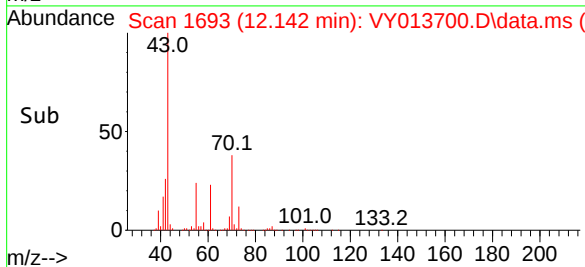
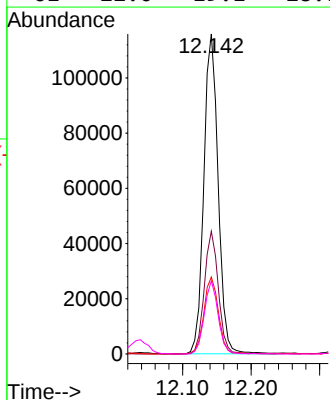
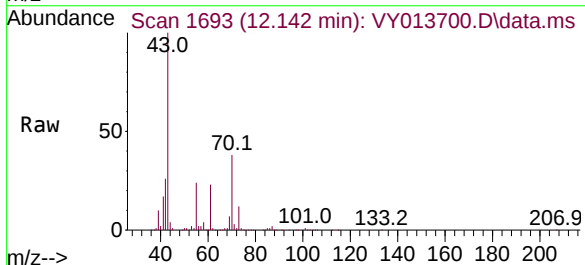
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

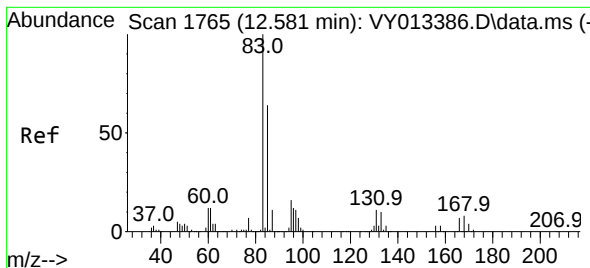
Tgt Ion:105 Resp: 519789
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0



#74
N-ethyl acetate
Concen: 45.632 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 43 Resp: 168442
Ion Ratio Lower Upper
43 100
70 37.6 33.0 49.4
55 24.6 19.8 29.6
61 22.0 19.1 28.7

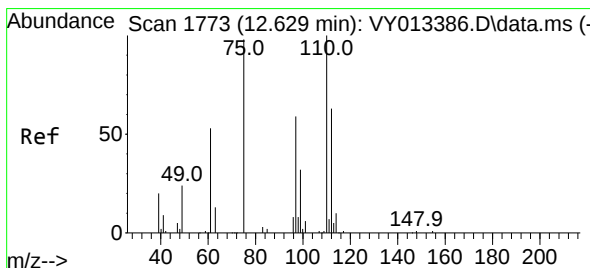
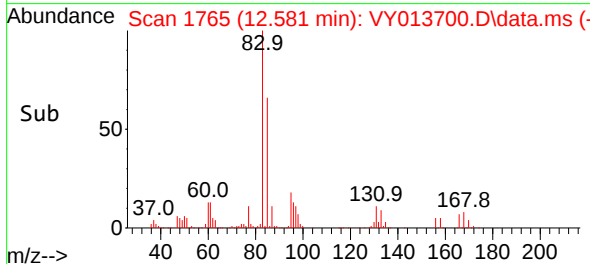
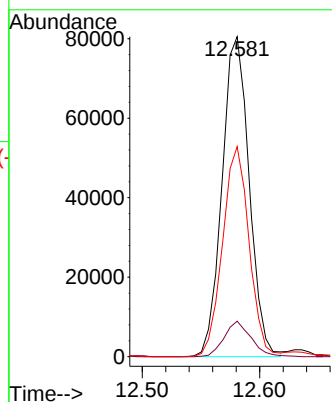
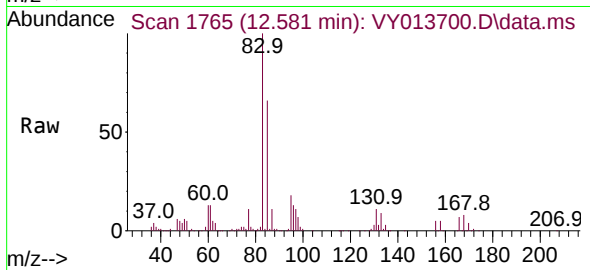




#75
1,1,2,2-Tetrachloroethane
Concen: 50.974 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

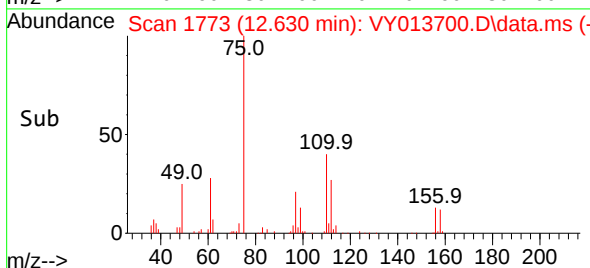
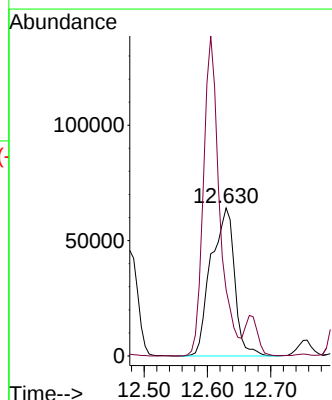
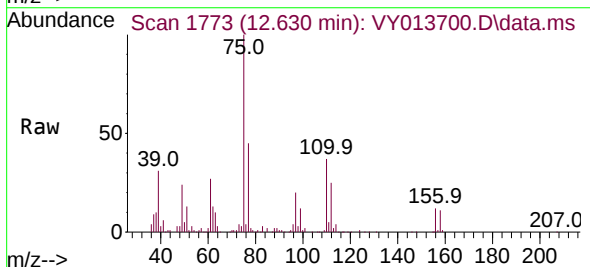
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

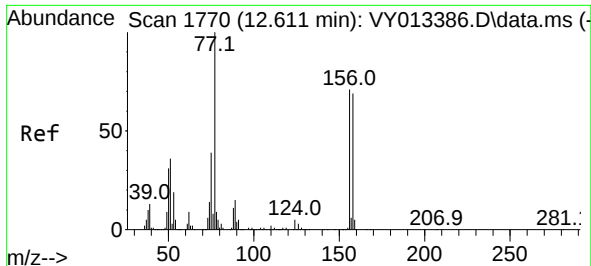
Tgt Ion: 83 Resp: 129240
Ion Ratio Lower Upper
83 100
131 11.0 5.7 17.0
85 64.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 89.634 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 75 Resp: 165780
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

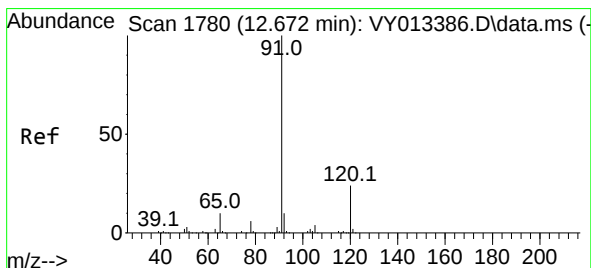
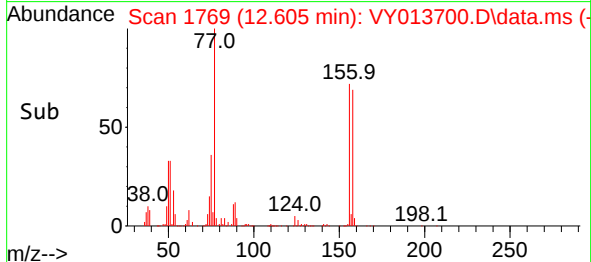
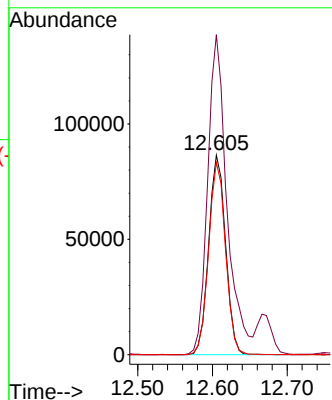
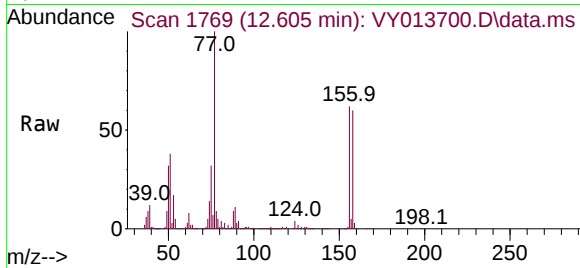




#77
Bromobenzene
Concen: 54.001 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

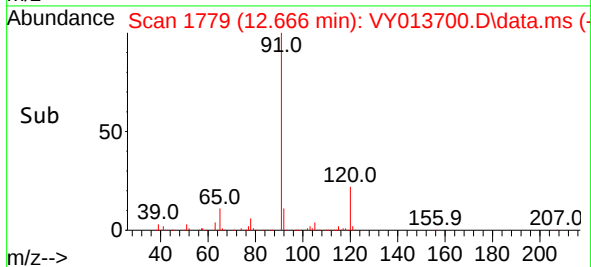
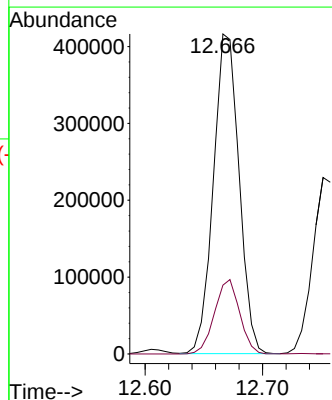
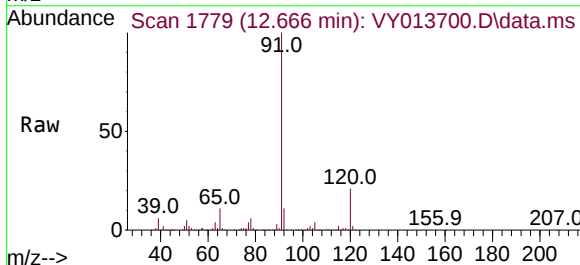
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

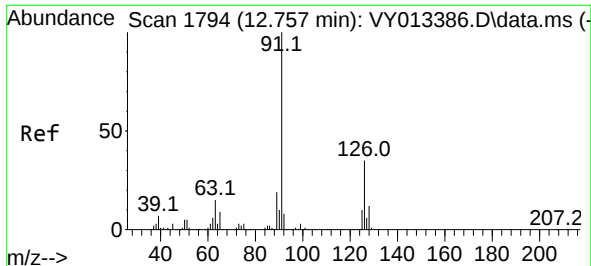
Tgt Ion:156 Resp: 135724
Ion Ratio Lower Upper
156 100
77 183.4 87.6 262.9
158 96.2 48.5 145.5



#78
n-propylbenzene
Concen: 49.401 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 91 Resp: 631175
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9

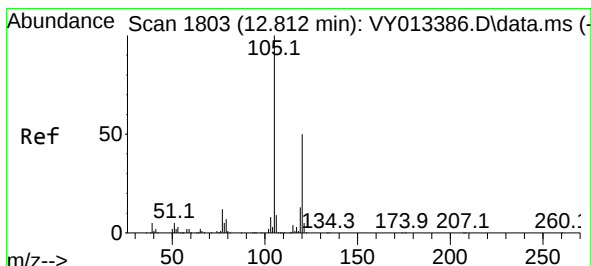
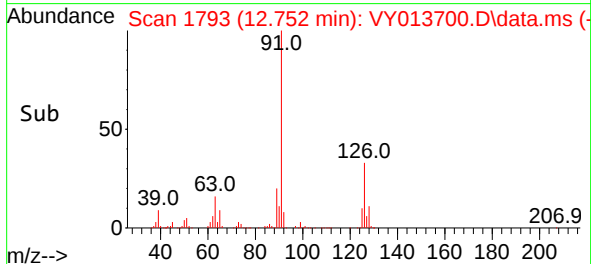
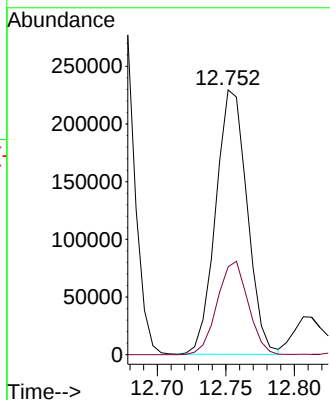
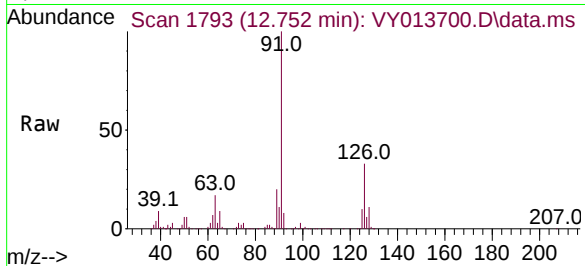




#79
2-Chlorotoluene
Concen: 51.368 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

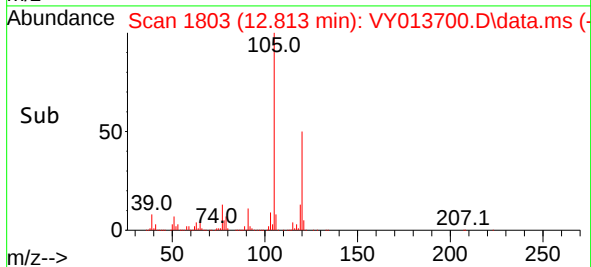
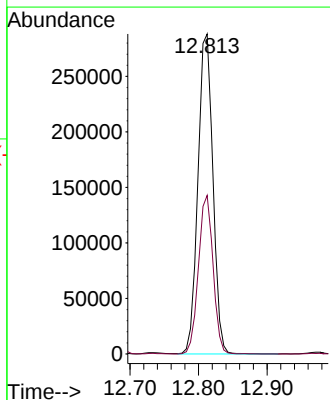
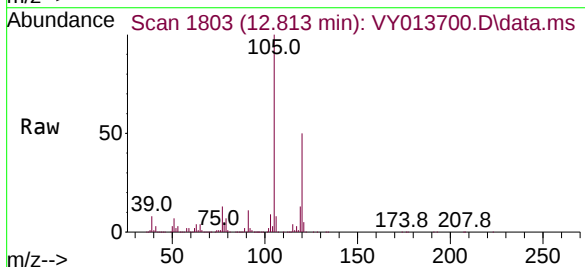
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

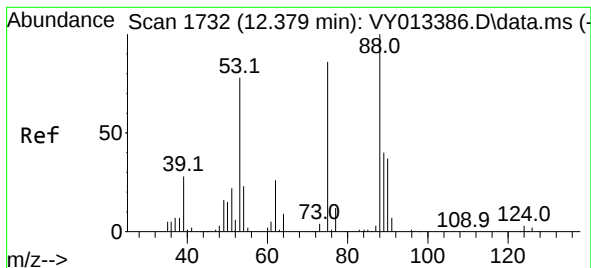
Tgt Ion: 91 Resp: 366501
Ion Ratio Lower Upper
91 100
126 34.7 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 51.750 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 105 Resp: 438132
Ion Ratio Lower Upper
105 100
120 48.5 24.7 74.1

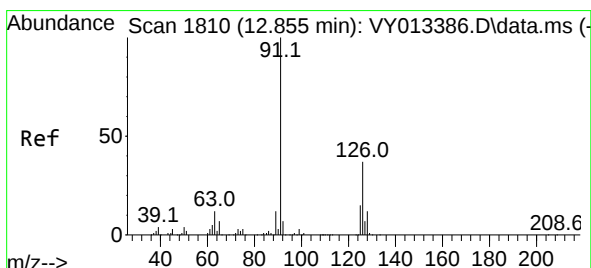
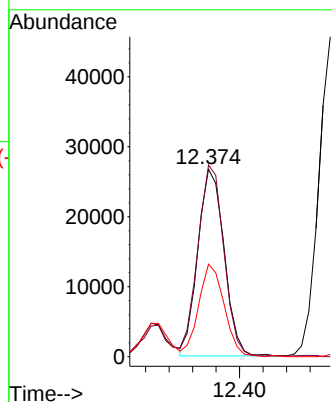
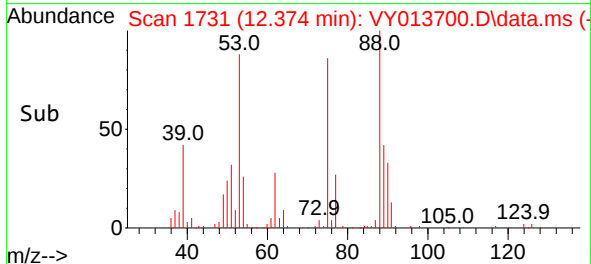
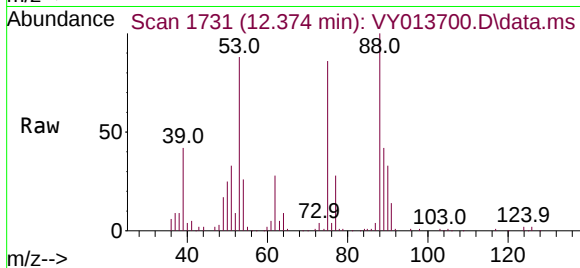




#81
trans-1,4-Dichloro-2-butene
Concen: 45.939 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

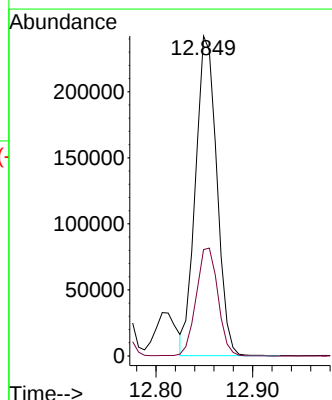
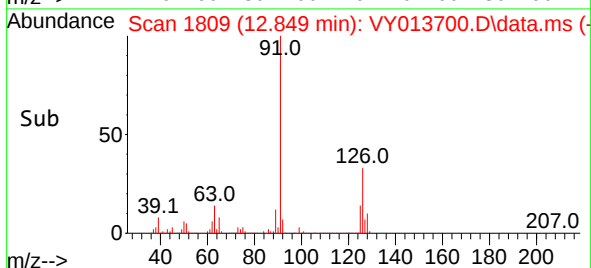
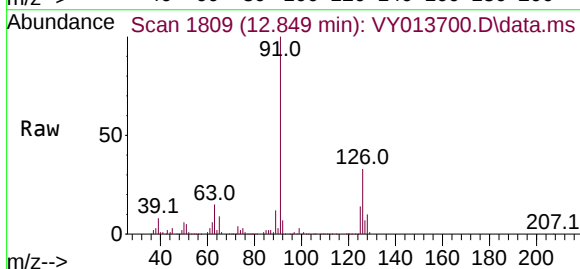
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

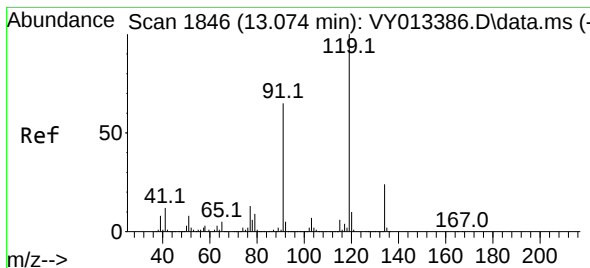
Tgt Ion: 75 Resp: 41536
Ion Ratio Lower Upper
75 100
53 101.6 73.2 109.8
89 48.2 38.0 57.0



#82
4-Chlorotoluene
Concen: 49.788 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion: 91 Resp: 370246
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.8





#83

tert-Butylbenzene

Concen: 51.698 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS

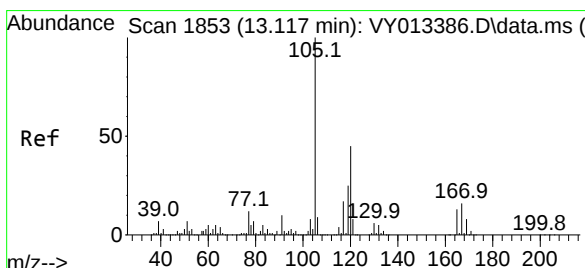
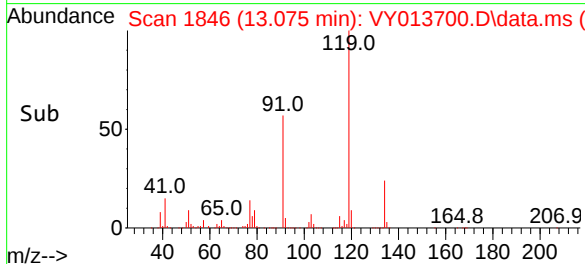
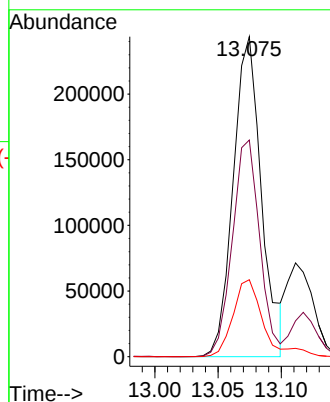
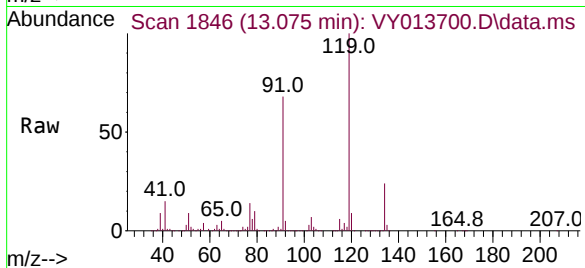
Tgt Ion:119 Resp: 379198

Ion Ratio Lower Upper

119 100

91 65.9 32.2 96.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.290 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013700.D

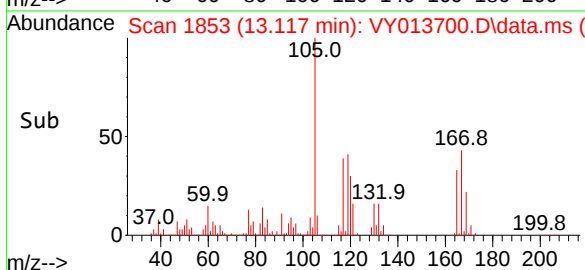
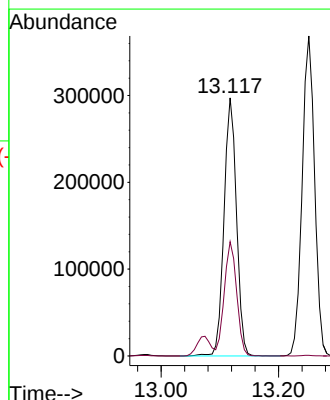
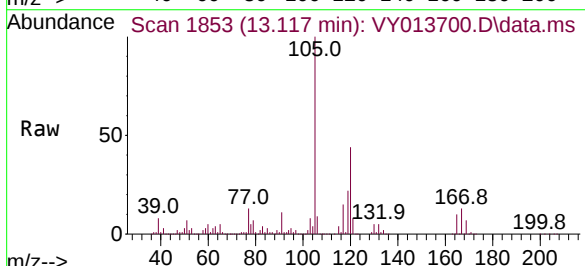
Acq: 10 May 2023 20:00

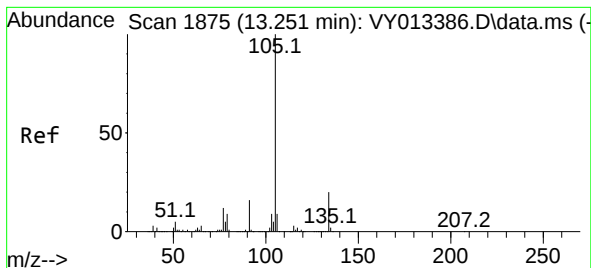
Tgt Ion:105 Resp: 438639

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.152 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

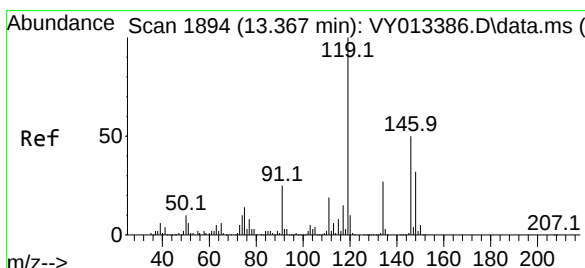
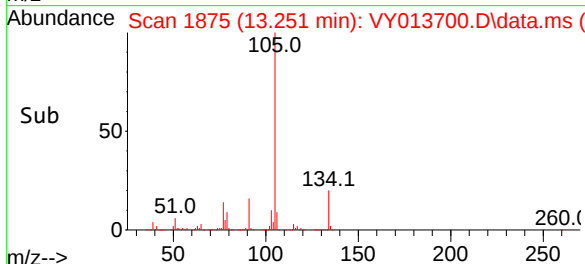
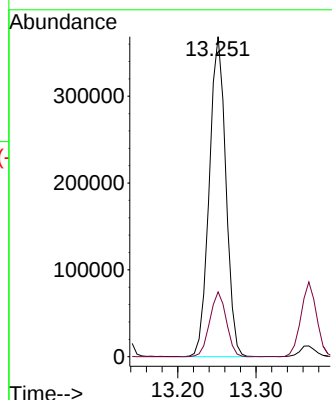
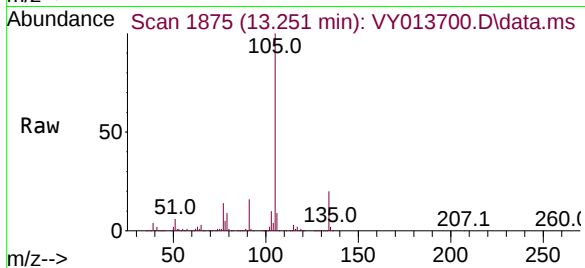
SB-04_0-2_20230509MS

Tgt Ion:105 Resp: 541084

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.9



#86

p-Isopropyltoluene

Concen: 50.335 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

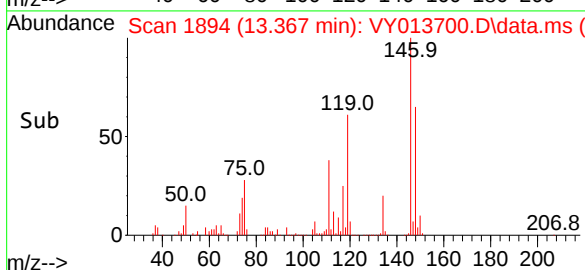
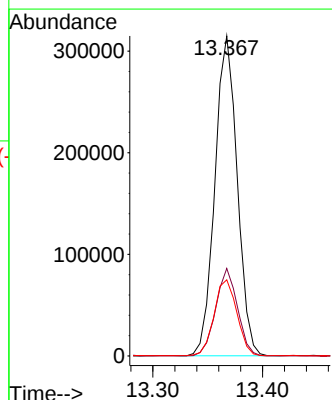
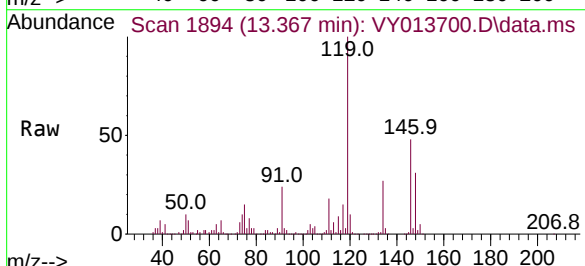
Tgt Ion:119 Resp: 445600

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 24.2 12.1 36.3

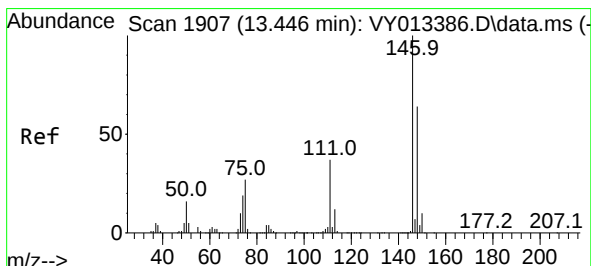
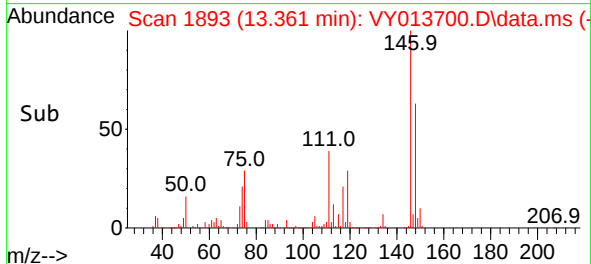
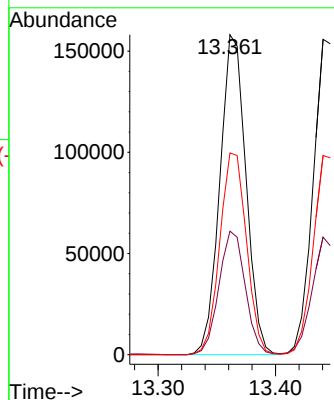
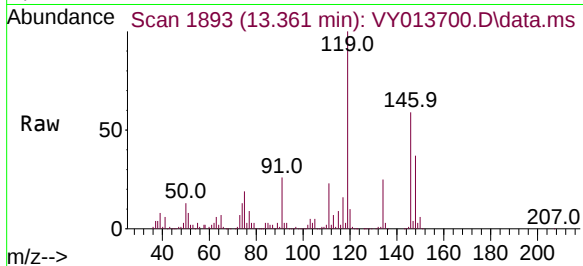




#87
1,3-Dichlorobenzene
Concen: 51.049 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

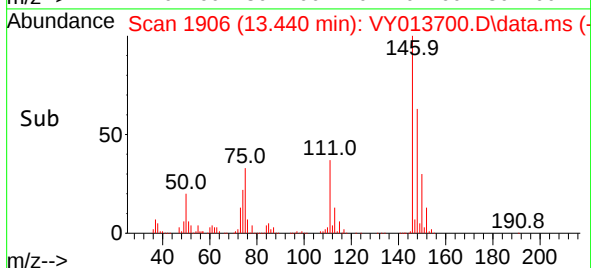
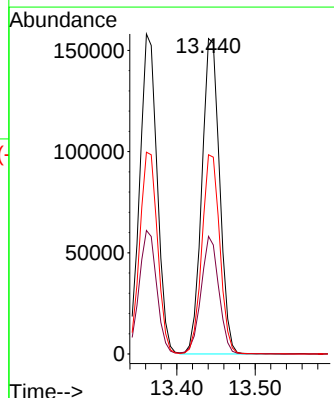
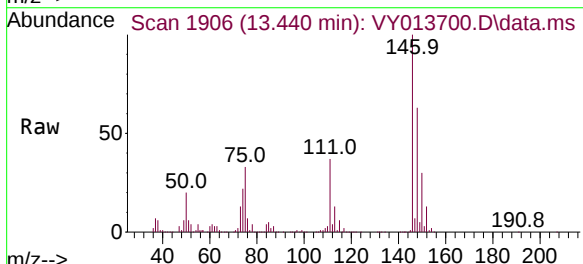
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

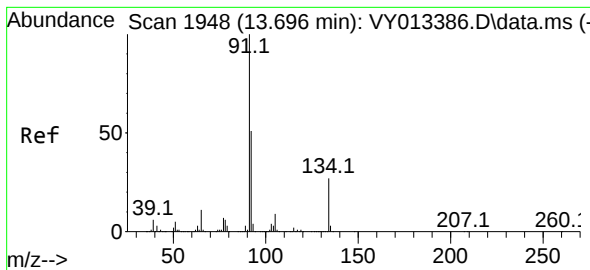
Tgt Ion:146 Resp: 244444
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 64.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.811 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion:146 Resp: 245776
Ion Ratio Lower Upper
146 100
111 37.0 18.9 56.5
148 63.4 31.9 95.5





#89

n-Butylbenzene

Concen: 46.974 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS

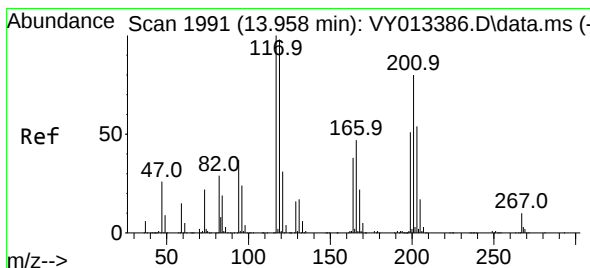
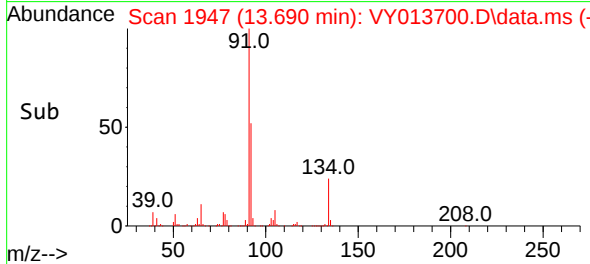
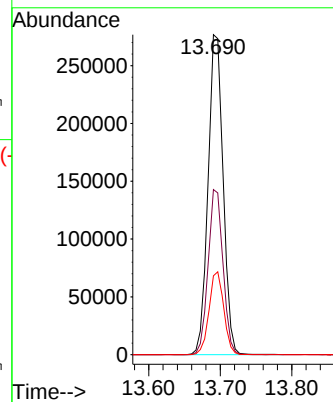
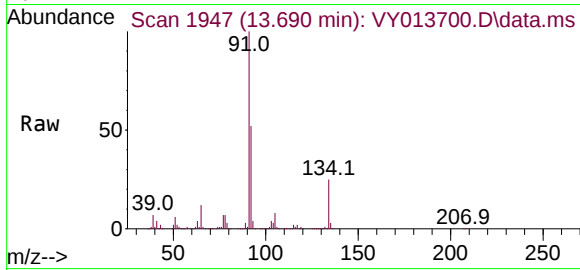
Tgt Ion: 91 Resp: 405872

Ion Ratio Lower Upper

91 100

92 50.9 25.8 77.3

134 25.3 13.5 40.4



#90

Hexachloroethane

Concen: 49.385 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013700.D

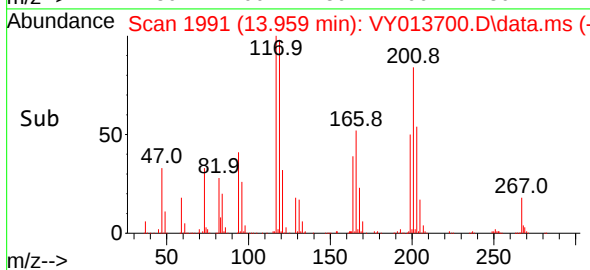
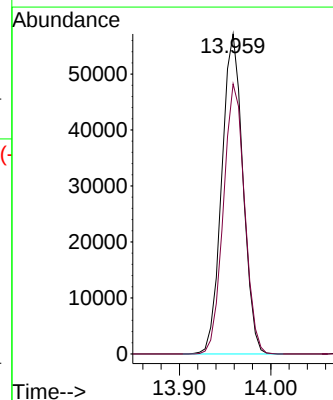
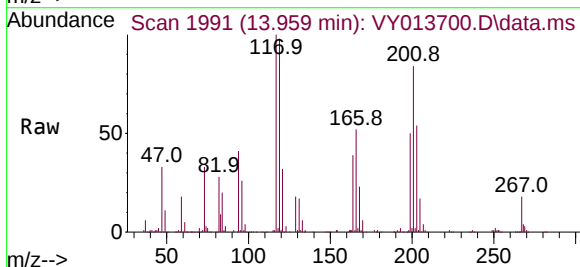
Acq: 10 May 2023 20:00

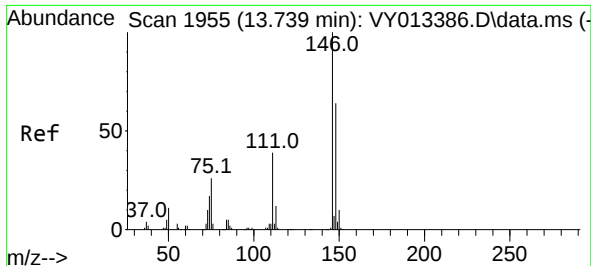
Tgt Ion: 117 Resp: 92012

Ion Ratio Lower Upper

117 100

201 84.5 41.6 124.8

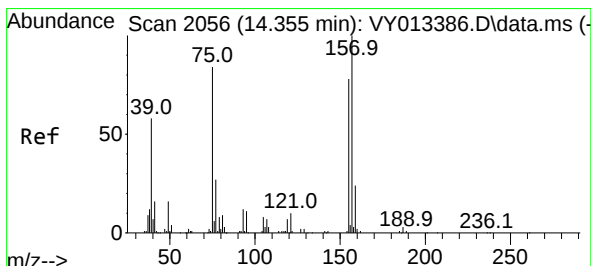
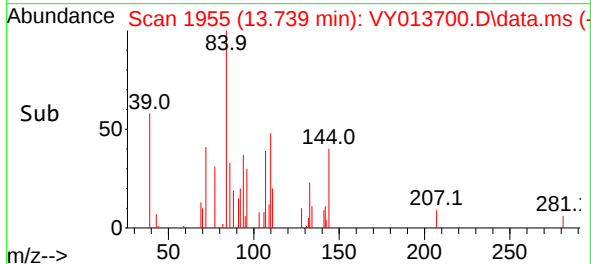
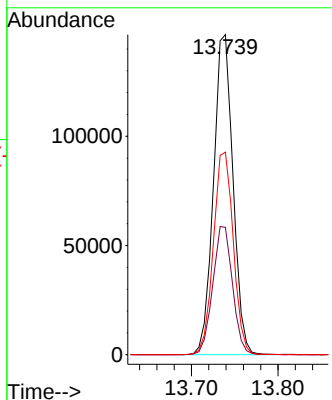
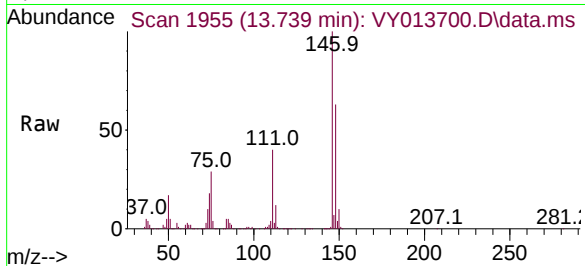




#91
 1,2-Dichlorobenzene
 Concen: 53.050 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013700.D
 Acq: 10 May 2023 20:00

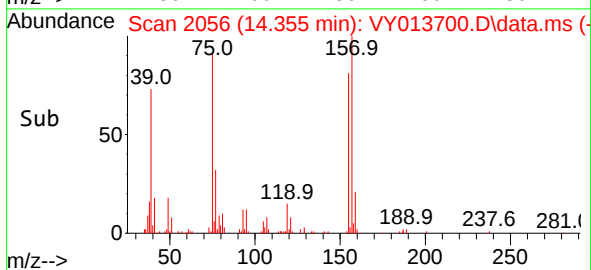
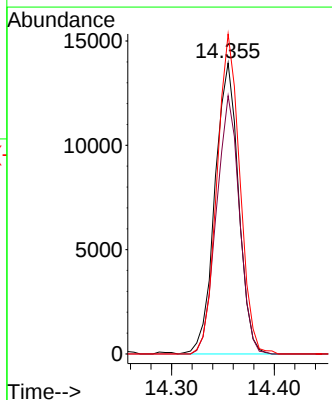
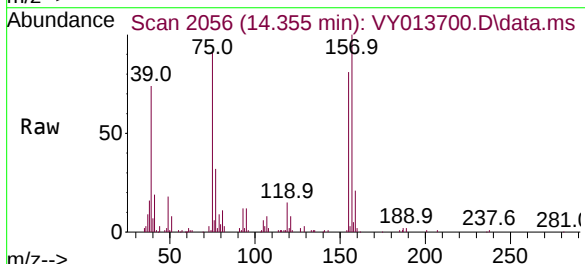
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04_0-2_20230509MS

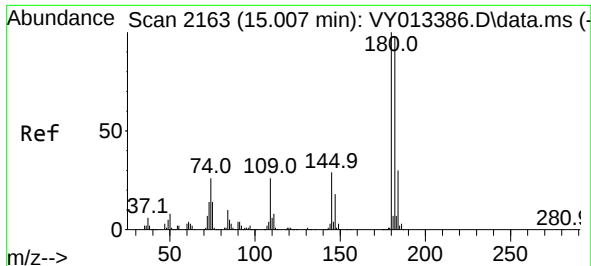
Tgt Ion:146 Resp: 229391
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.8 59.4
 148 64.6 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.564 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013700.D
 Acq: 10 May 2023 20:00

Tgt Ion: 75 Resp: 22194
 Ion Ratio Lower Upper
 75 100
 155 86.1 44.6 134.0
 157 106.5 57.6 172.7

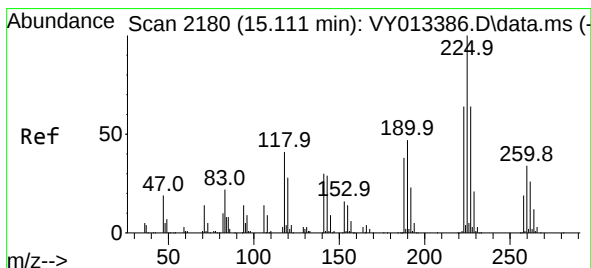
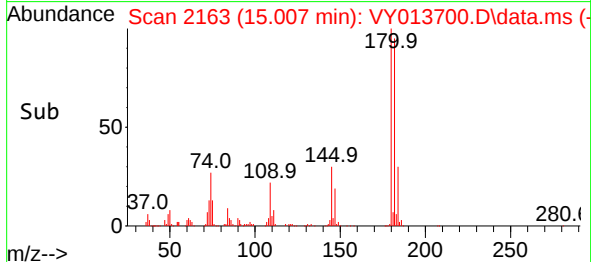
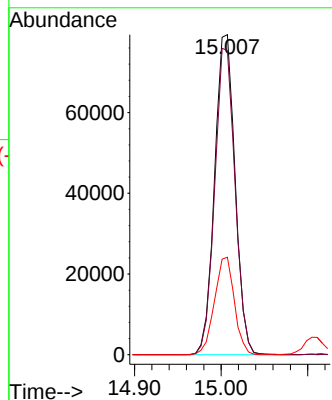
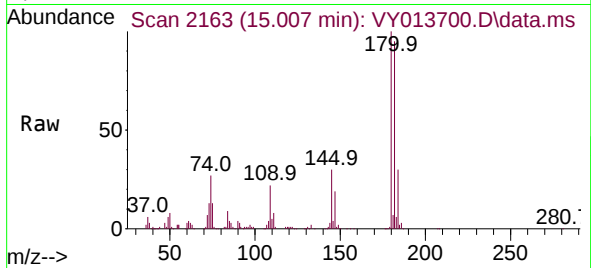




#93
1,2,4-Trichlorobenzene
Concen: 50.428 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

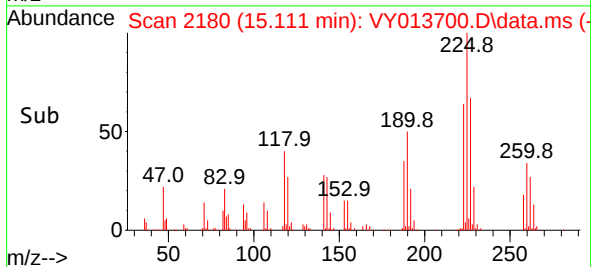
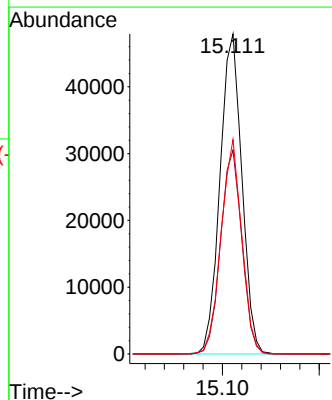
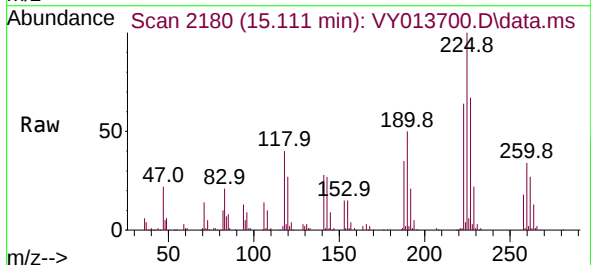
Instrument :
MSVOA_Y
ClientSampleId :
SB-04_0-2_20230509MS

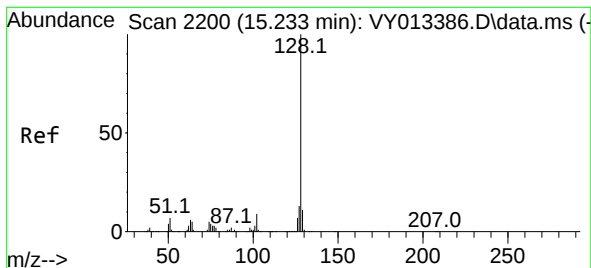
Tgt Ion:180 Resp: 130005
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.5
145 29.6 15.0 45.0



#94
Hexachlorobutadiene
Concen: 49.993 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013700.D
Acq: 10 May 2023 20:00

Tgt Ion:225 Resp: 75009
Ion Ratio Lower Upper
225 100
223 61.9 31.4 94.2
227 63.6 32.0 96.0





#95

Naphthalene

Concen: 50.848 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Instrument :

MSVOA_Y

ClientSampleId :

SB-04_0-2_20230509MS

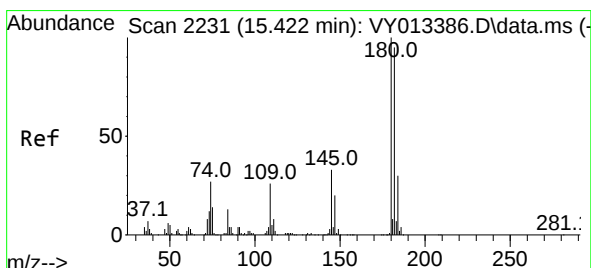
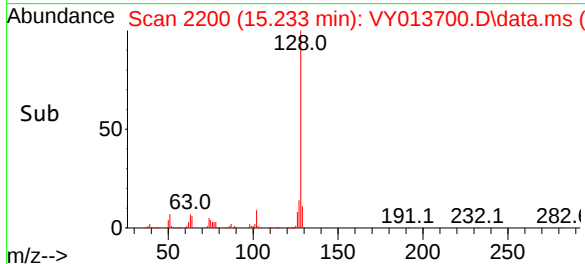
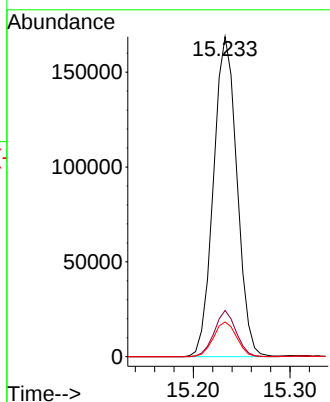
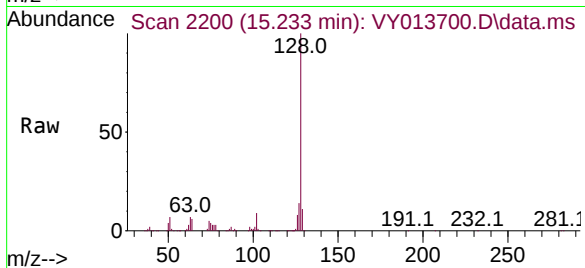
Tgt Ion:128 Resp: 284426

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.389 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013700.D

Acq: 10 May 2023 20:00

Tgt Ion:180 Resp: 118081

Ion Ratio Lower Upper

180 100

182 96.4 47.1 141.3

145 31.3 15.9 47.7

