

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013815.D
 Acq On : 19 May 2023 12:52
 Operator : KP/MD
 Sample : VY0519SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 22 04:18:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	262181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	399254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	359494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	146254	48.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.040%
35) Dibromofluoromethane	7.716	113	124450	48.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.179	98	483678	49.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.483	95	161393	50.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	40496	21.513	ug/l	98
3) Chloromethane	2.113	50	46876	16.425	ug/l	98
4) Vinyl Chloride	2.253	62	49369	17.324	ug/l	99
5) Bromomethane	2.656	94	40139	15.884	ug/l	98
6) Chloroethane	2.796	64	32710	16.699	ug/l	100
7) Trichlorofluoromethane	3.131	101	88484	21.334	ug/l	98
8) Diethyl Ether	3.527	74	26441	19.052	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	46989	19.358	ug/l	98
10) Methyl Iodide	4.094	142	47786	17.919	ug/l	97
11) Tert butyl alcohol	4.936	59	10985	44.522	ug/l #	73
12) 1,1-Dichloroethene	3.875	96	42282	19.217	ug/l	97
13) Acrolein	3.735	56	37627	85.366	ug/l	99
14) Allyl chloride	4.479	41	75817	17.493	ug/l	95
15) Acrylonitrile	5.174	53	67749	83.244	ug/l	100
16) Acetone	3.960	43	75511	82.176	ug/l	99
17) Carbon Disulfide	4.198	76	114618	18.129	ug/l	98
18) Methyl Acetate	4.485	43	51895	16.199	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	121341	18.178	ug/l	99
20) Methylene Chloride	4.716	84	62485	18.716	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	47309	19.096	ug/l	93
22) Diisopropyl ether	6.119	45	159200	17.268	ug/l	95
23) Vinyl Acetate	6.064	43	441753	82.806	ug/l	96
24) 1,1-Dichloroethane	6.021	63	91345	18.125	ug/l	98
25) 2-Butanone	6.996	43	94668	79.252	ug/l	95
26) 2,2-Dichloropropane	6.984	77	84491	19.627	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	54743	18.753	ug/l	99
28) Bromochloromethane	7.338	49	31827	18.049	ug/l	93
29) Tetrahydrofuran	7.350	42	55799	78.070	ug/l	99
30) Chloroform	7.508	83	98542	19.404	ug/l	99
31) Cyclohexane	7.789	56	76198	17.450	ug/l #	93
32) 1,1,1-Trichloroethane	7.710	97	87359	20.152	ug/l	99
36) 1,1-Dichloropropene	7.923	75	67923	19.201	ug/l	98
37) Ethyl Acetate	7.076	43	40441	16.620	ug/l	99
38) Carbon Tetrachloride	7.899	117	81242	21.770	ug/l	94
39) Methylcyclohexane	9.185	83	73660	18.320	ug/l	99
40) Benzene	8.161	78	203712	19.817	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	56122	46.412	ug/l #	14
42) 1,2-Dichloroethane	8.240	62	67410	20.295	ug/l	99
43) Isopropyl Acetate	8.277	43	73409	16.621	ug/l #	87
44) Trichloroethene	8.941	130	55371	20.605	ug/l	98
45) 1,2-Dichloropropane	9.216	63	52655	18.640	ug/l	97
46) Dibromomethane	9.313	93	29586	18.701	ug/l	96
47) Bromodichloromethane	9.496	83	74400	19.858	ug/l	99
48) Methyl methacrylate	9.295	41	33030	16.281	ug/l	93
49) 1,4-Dioxane	9.307	88	5881	302.879	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	200972	81.714	ug/l	99
52) Toluene	10.246	92	123846	19.872	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	73505	19.028	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	81939	19.011	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	40976	19.043	ug/l	97
56) Ethyl methacrylate	10.508	69	51851	18.057	ug/l	99
57) 1,3-Dichloropropane	10.788	76	68143	18.408	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	96590	92.843	ug/l	95
59) 2-Hexanone	10.831	43	144622	82.725	ug/l	100
60) Dibromochloromethane	10.983	129	50517	19.375	ug/l	98
61) 1,2-Dibromoethane	11.087	107	39036	19.238	ug/l	95
64) Tetrachloroethene	10.721	164	46205	20.261	ug/l	98
65) Chlorobenzene	11.514	112	136189	20.015	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	52084	19.700	ug/l	97
67) Ethyl Benzene	11.593	91	236716	19.577	ug/l	100
68) m/p-Xylenes	11.703	106	182387	40.273	ug/l	99
69) o-Xylene	12.032	106	84319	19.572	ug/l	99
70) Styrene	12.044	104	148226	20.258	ug/l	99
71) Bromoform	12.209	173	34033	19.484	ug/l #	100
73) Isopropylbenzene	12.331	105	230481	18.866	ug/l	99
74) N-amyl acetate	12.142	43	64651	15.595	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	49030	16.942	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	63982	29.296	ug/l #	100
77) Bromobenzene	12.605	156	59015	20.026	ug/l	92
78) n-propylbenzene	12.672	91	285340	18.961	ug/l	98
79) 2-Chlorotoluene	12.758	91	159954	18.833	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	196726	19.749	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	16495	16.815	ug/l	97
82) 4-Chlorotoluene	12.855	91	168218	19.014	ug/l	97
83) tert-Butylbenzene	13.075	119	168335	19.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	191681	19.633	ug/l	99
85) sec-Butylbenzene	13.251	105	251868	19.243	ug/l	99
86) p-Isopropyltoluene	13.373	119	209025	19.777	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	113013	19.699	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	113948	19.753	ug/l	99
89) n-Butylbenzene	13.696	91	195640	18.881	ug/l	99
90) Hexachloroethane	13.959	117	41598	18.625	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	102237	20.012	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8097	17.267	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	60756	20.041	ug/l	98
94) Hexachlorobutadiene	15.111	225	40206	21.349	ug/l	98
95) Naphthalene	15.233	128	110956	18.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	53363	19.564	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

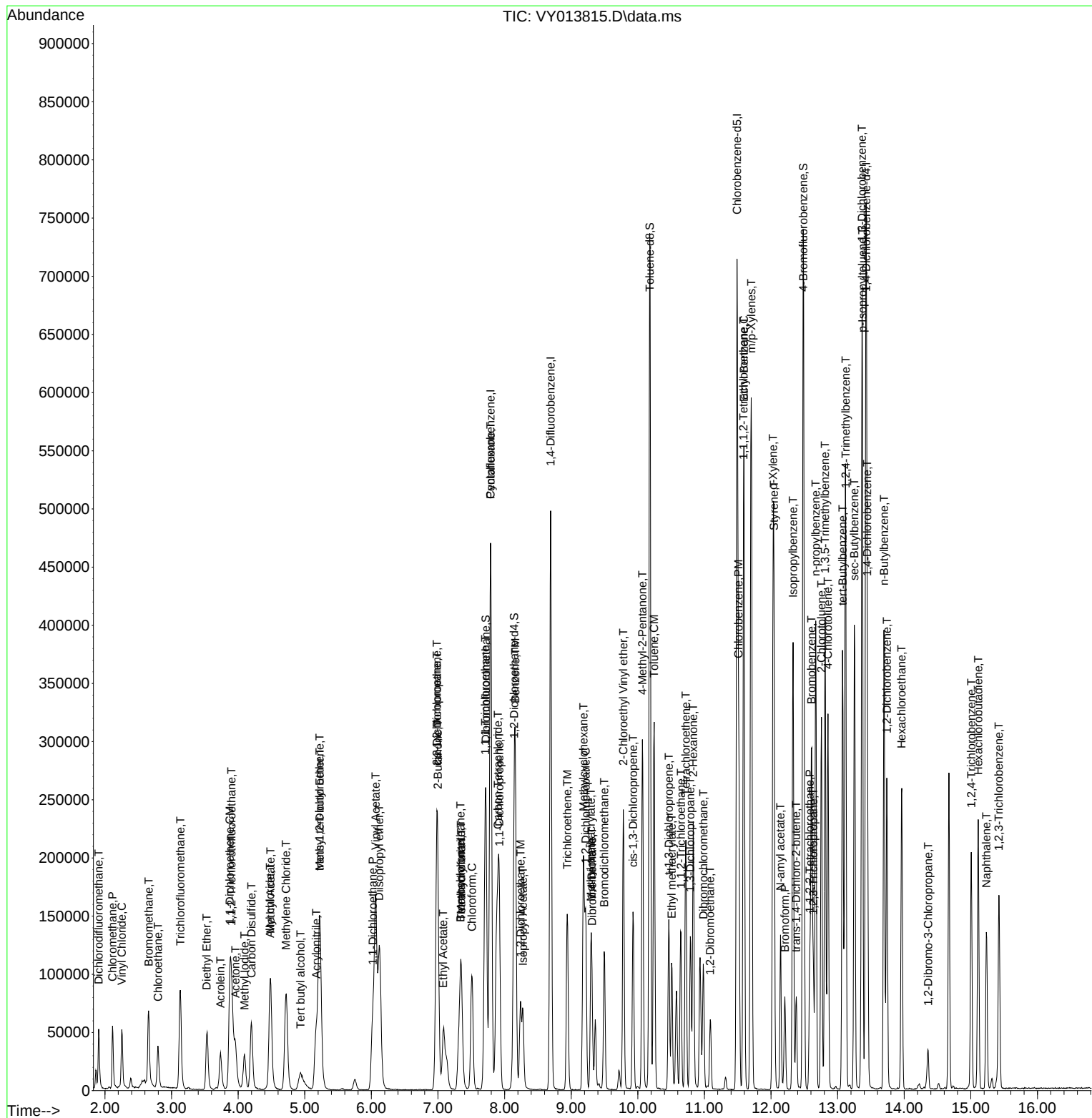
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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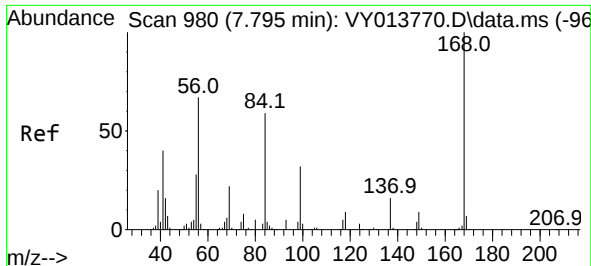
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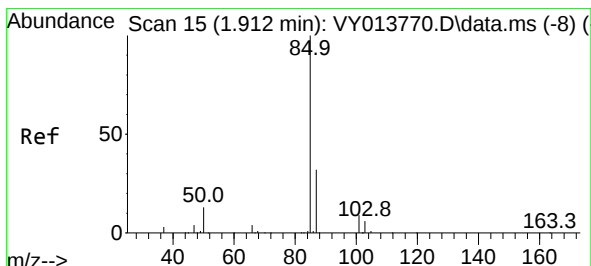
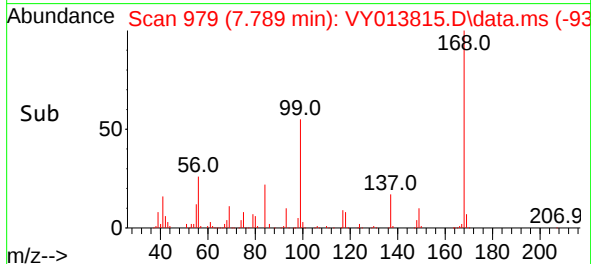
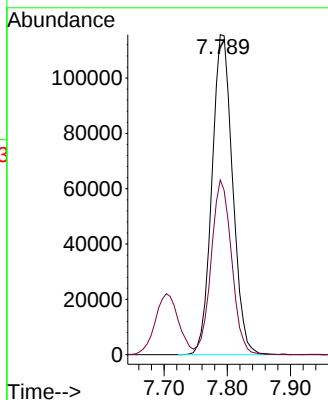
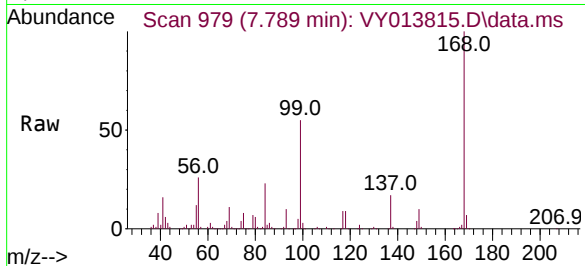




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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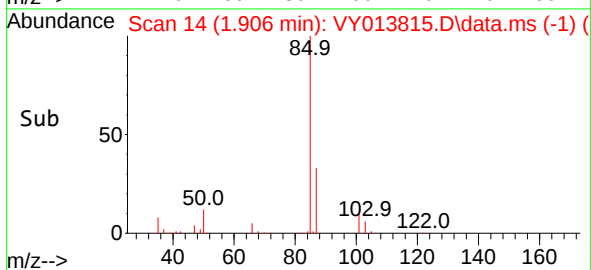
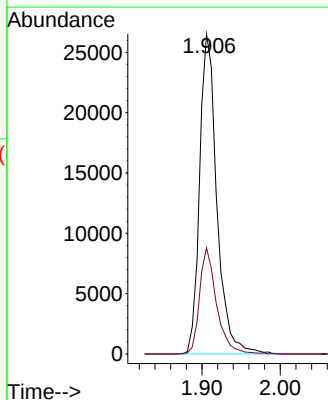
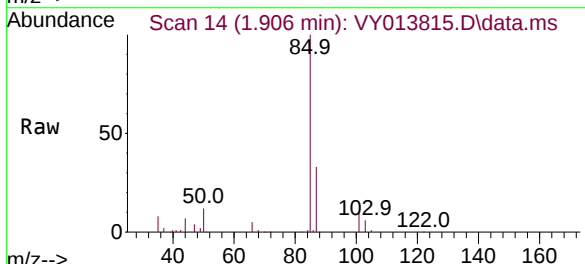
Instrument :
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VY0519SBS01

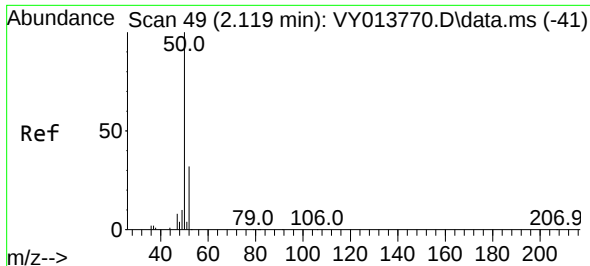
Tgt Ion:168 Resp: 262181
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 21.513 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 85 Resp: 40496
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

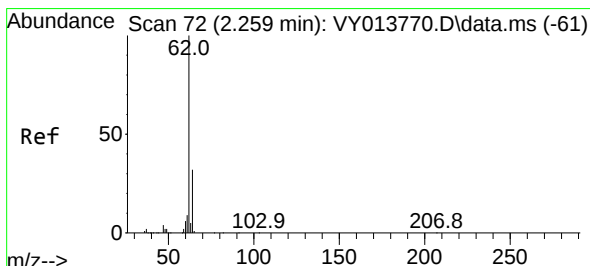
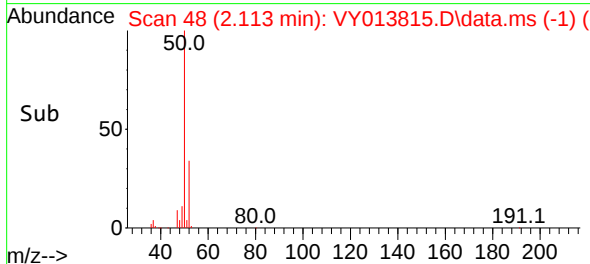
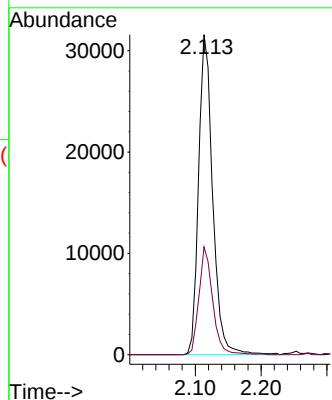
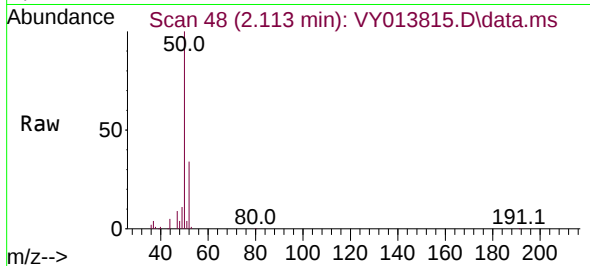




#3
Chloromethane
Concen: 16.425 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

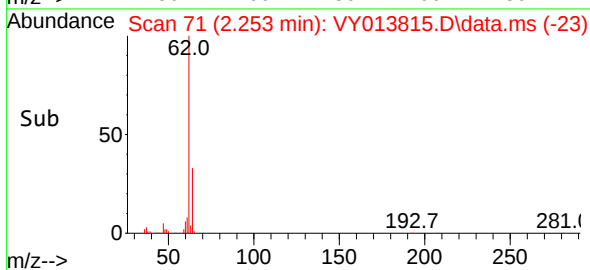
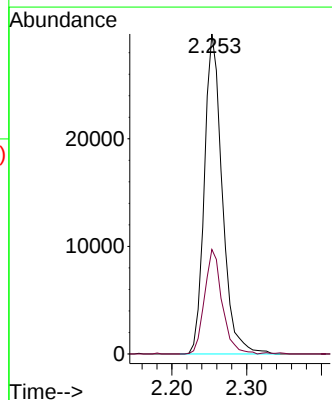
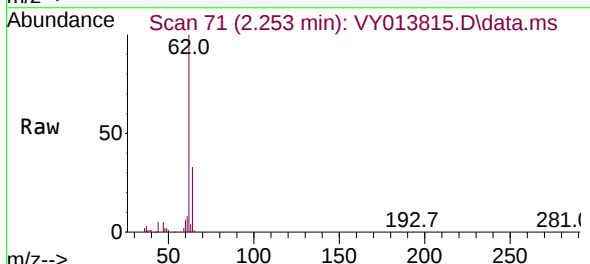
Instrument :
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ClientSampleId :
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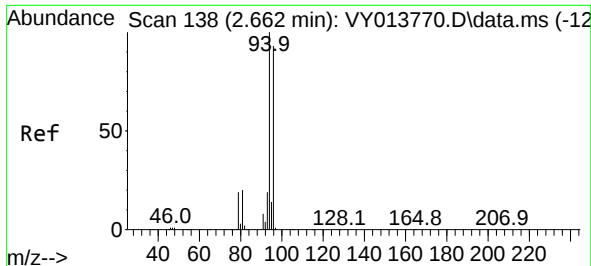
Tgt Ion: 50 Resp: 46876
Ion Ratio Lower Upper
50 100
52 33.7 26.0 39.0



#4
Vinyl Chloride
Concen: 17.324 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 62 Resp: 49369
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6

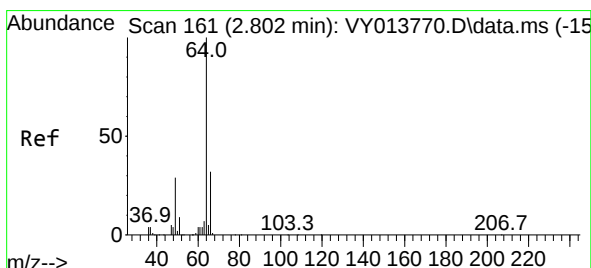
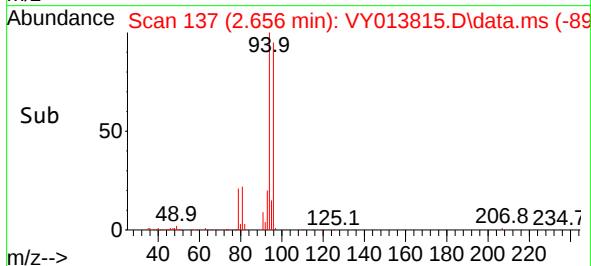
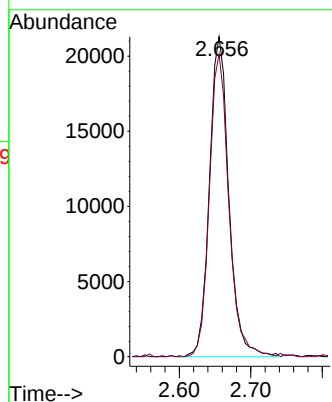
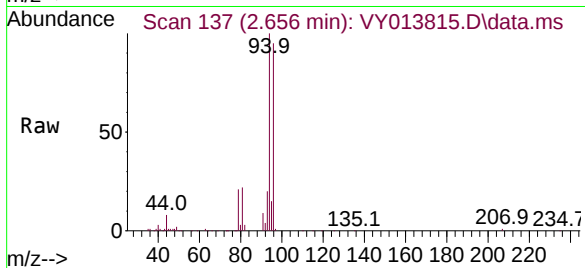




#5
Bromomethane
Concen: 15.884 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
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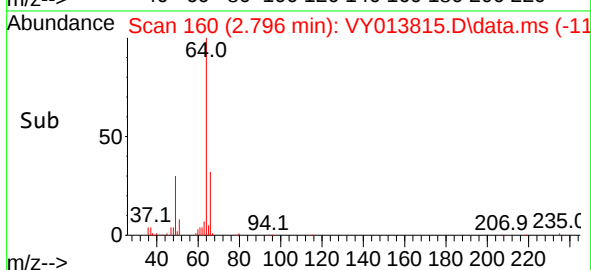
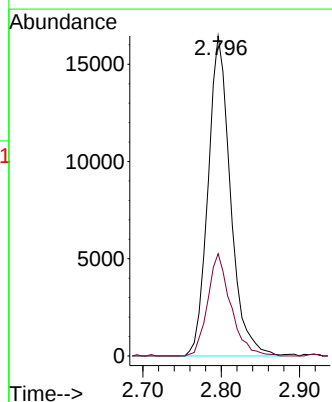
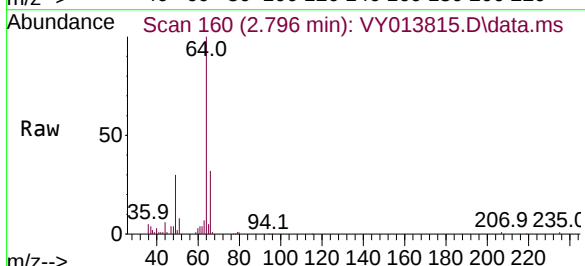
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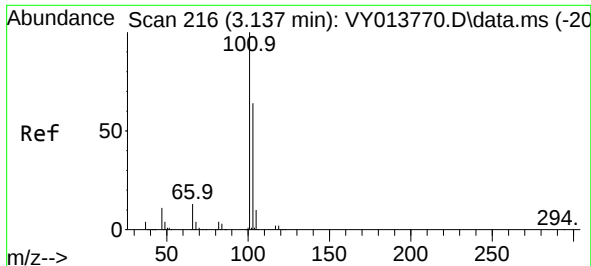
Tgt Ion: 94 Resp: 40139
Ion Ratio Lower Upper
94 100
96 94.3 74.2 111.4



#6
Chloroethane
Concen: 16.699 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013815.D
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Tgt Ion: 64 Resp: 32710
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.6

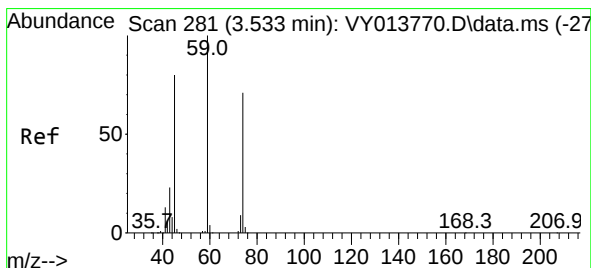
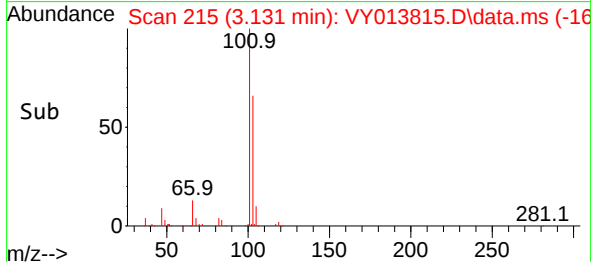
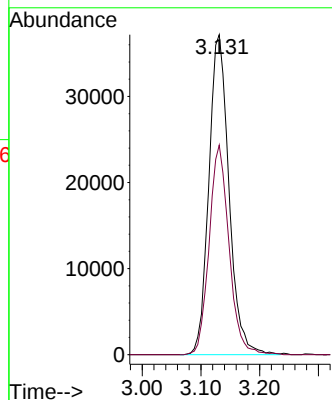
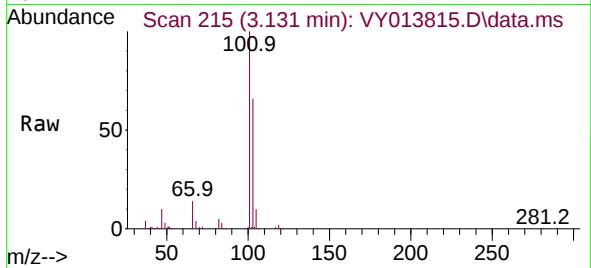




#7
 Trichlorofluoromethane
 Concen: 21.334 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY013815.D
 Acq: 19 May 2023 12:52

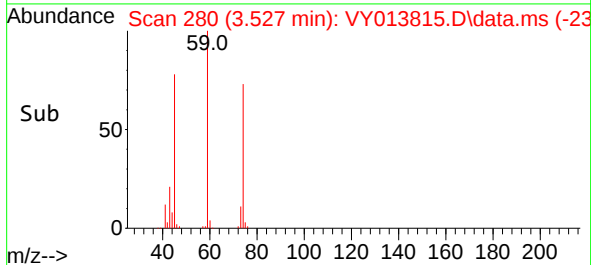
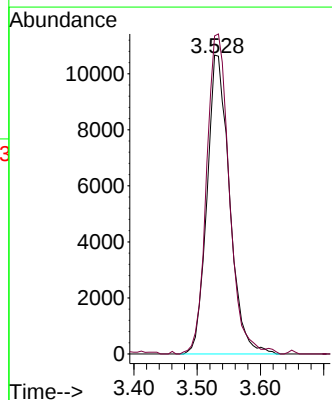
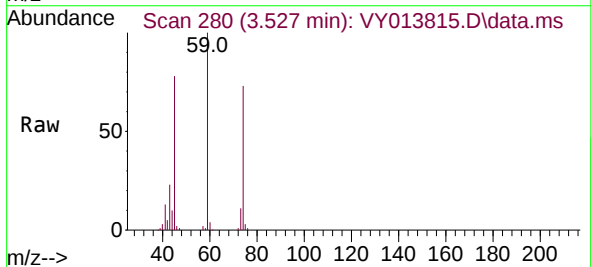
Instrument :
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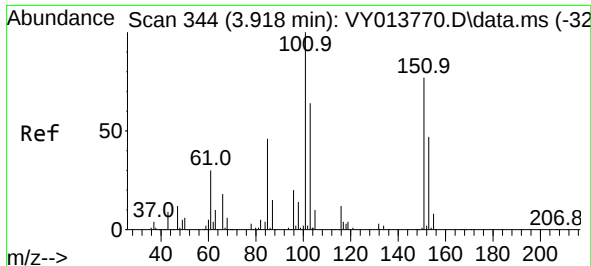
Tgt Ion:101 Resp: 88484
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.052 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 26441
 Ion Ratio Lower Upper
 74 100
 45 108.3 56.1 168.3

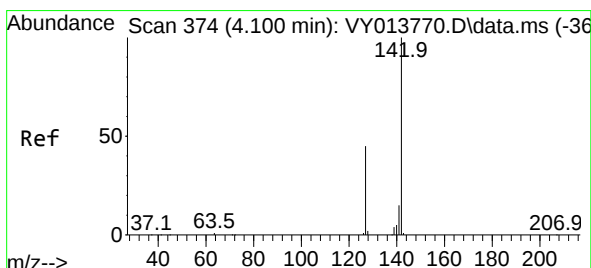
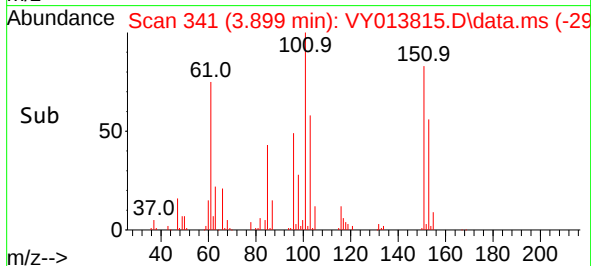
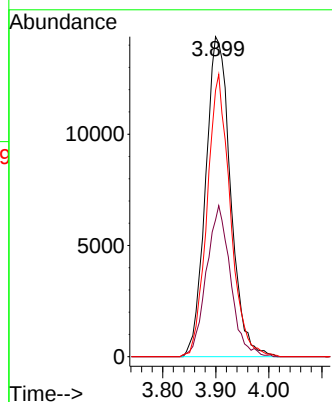
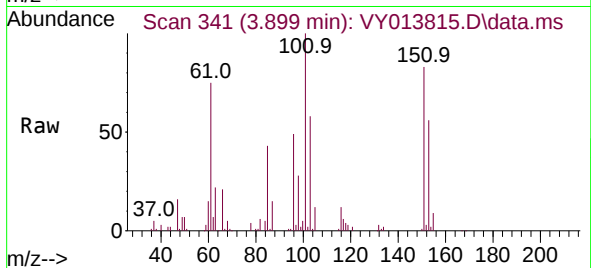




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.358 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.018 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

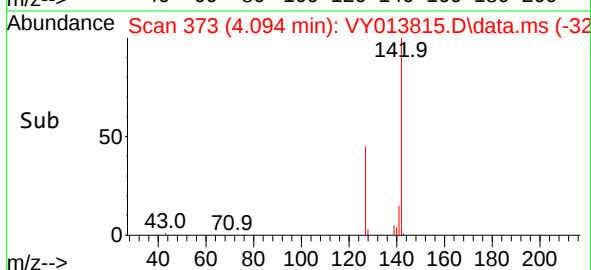
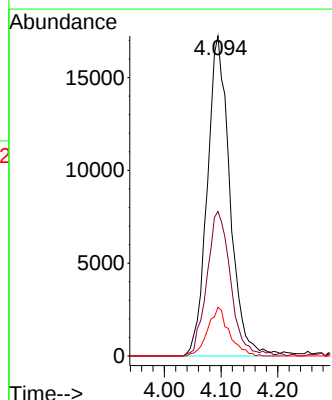
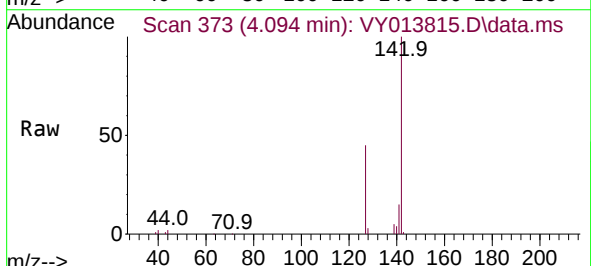
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

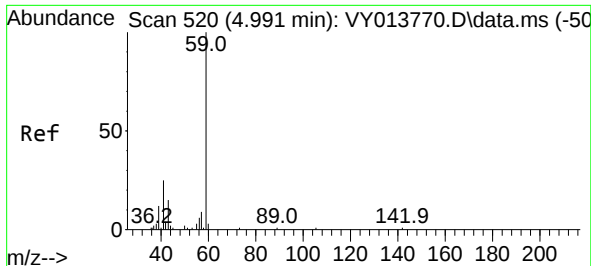
Tgt Ion:101 Resp: 46989
Ion Ratio Lower Upper
101 100
85 45.7 37.8 56.8
151 82.3 64.2 96.2



#10
Methyl Iodide
Concen: 17.919 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion:142 Resp: 47786
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.2
141 14.4 11.5 17.3

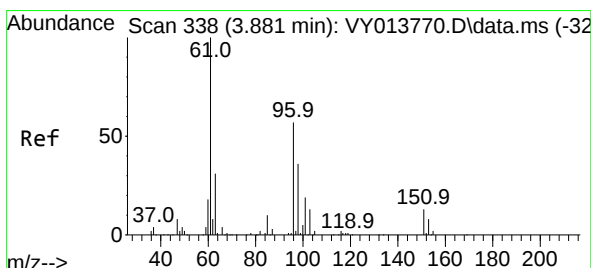
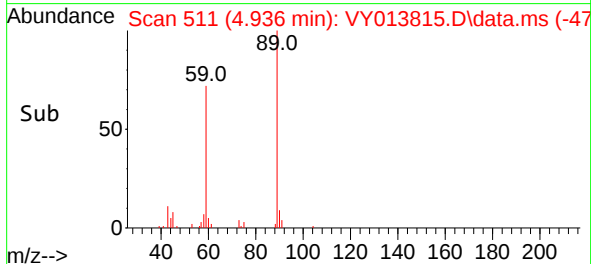
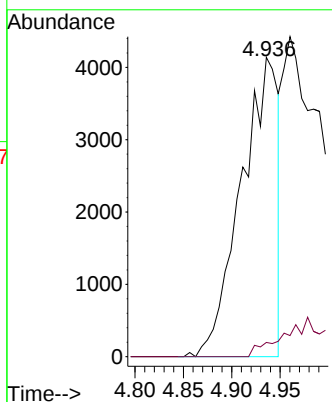
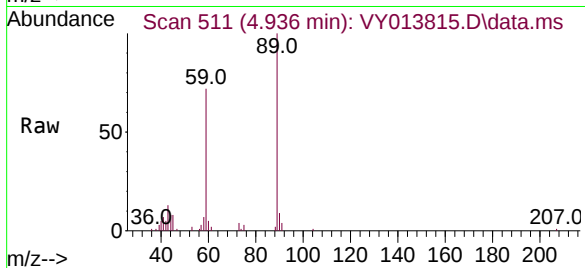




#11
Tert butyl alcohol
Concen: 44.522 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.055 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

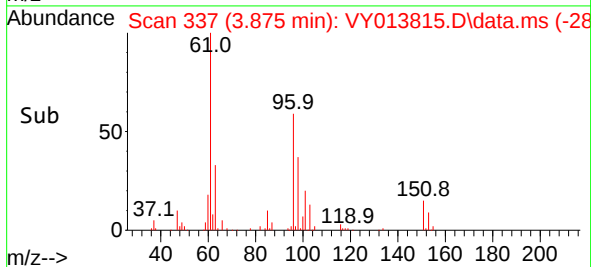
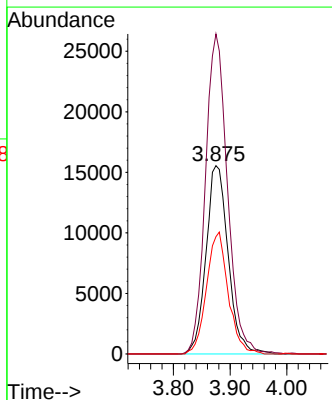
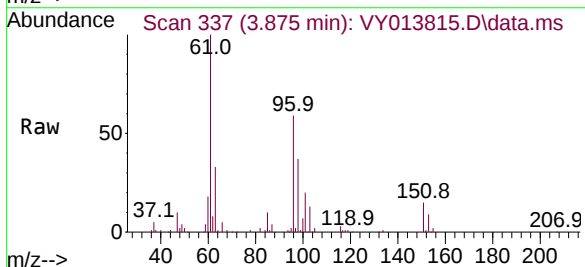
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

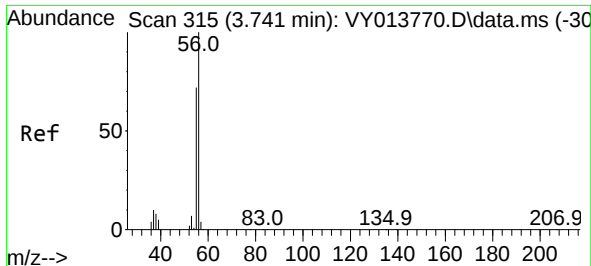
Tgt Ion: 59 Resp: 10985
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 19.217 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 96 Resp: 42282
Ion Ratio Lower Upper
96 100
61 169.9 139.8 209.6
98 62.3 49.7 74.5





#13

Acrolein

Concen: 85.366 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

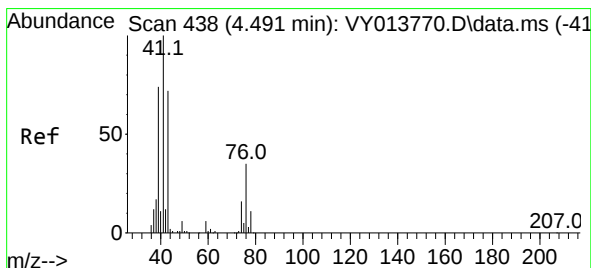
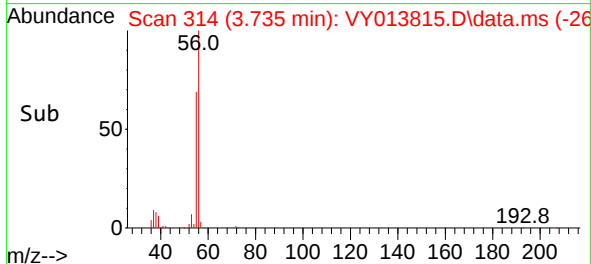
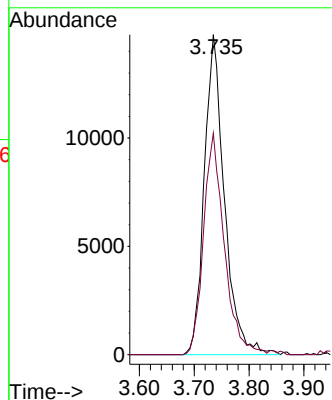
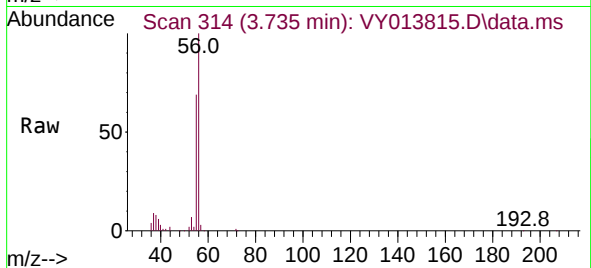
VY0519SBS01

Tgt Ion: 56 Resp: 37627

Ion Ratio Lower Upper

56 100

55 71.3 57.5 86.3



#14

Allyl chloride

Concen: 17.493 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

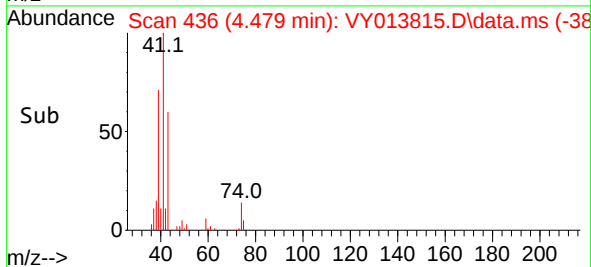
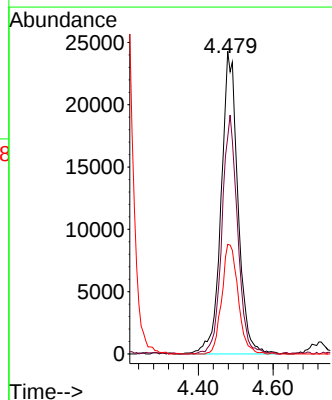
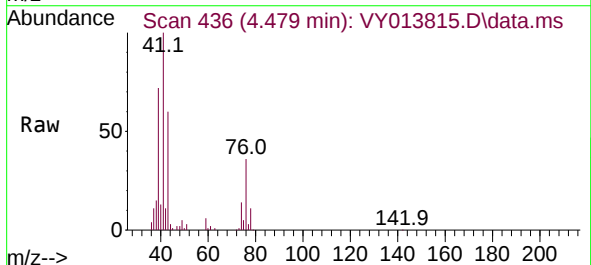
Tgt Ion: 41 Resp: 75817

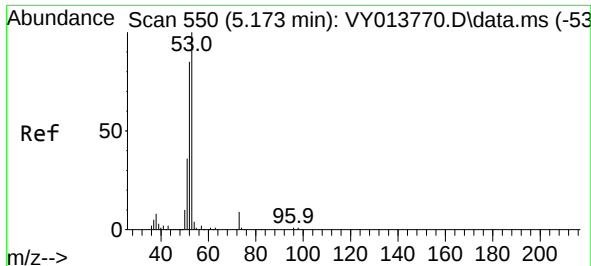
Ion Ratio Lower Upper

41 100

39 73.7 55.8 83.6

76 35.2 26.2 39.2

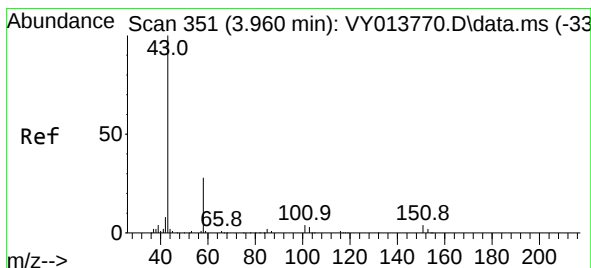
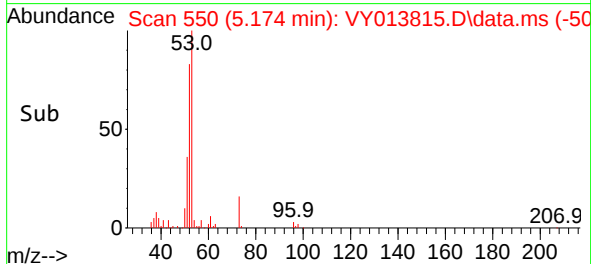
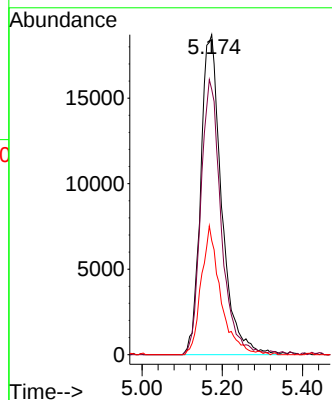
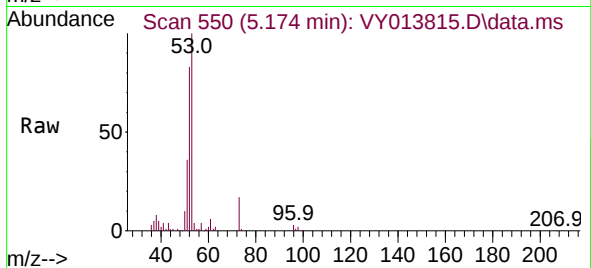




#15
Acrylonitrile
Concen: 83.244 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

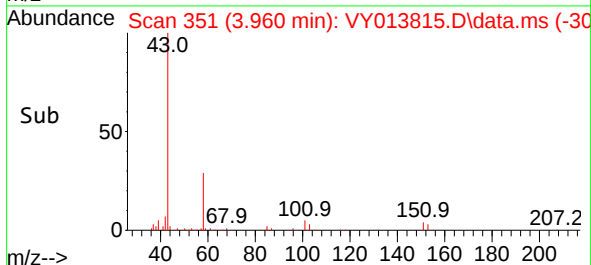
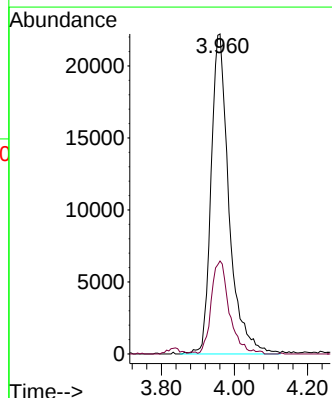
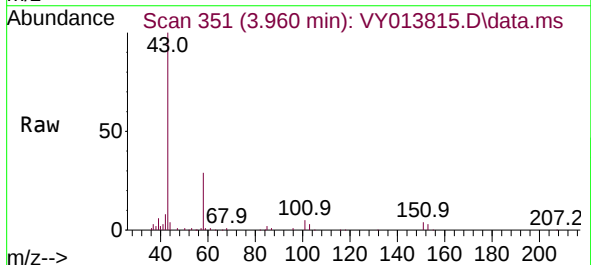
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

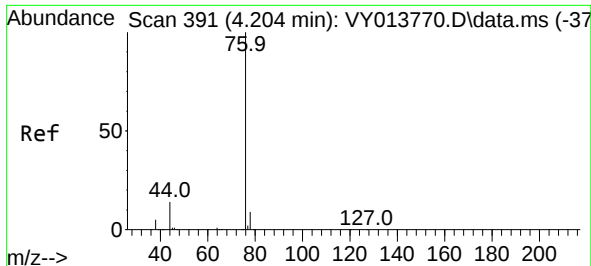
Tgt Ion: 53 Resp: 67749
Ion Ratio Lower Upper
53 100
52 83.4 66.5 99.7
51 37.6 30.1 45.1



#16
Acetone
Concen: 82.176 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 43 Resp: 75511
Ion Ratio Lower Upper
43 100
58 28.8 23.7 35.5

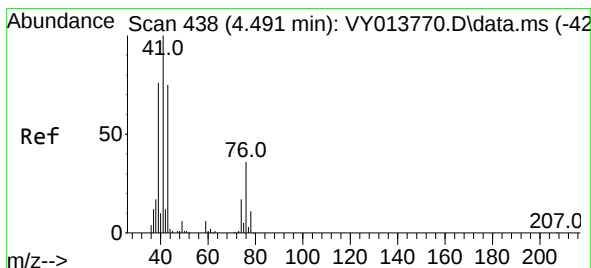
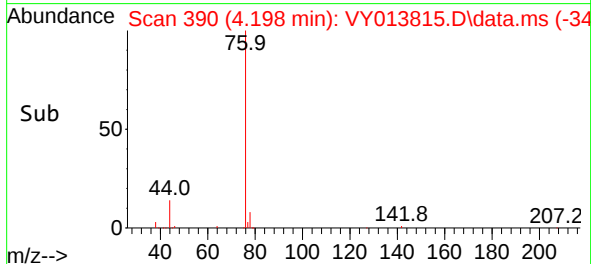
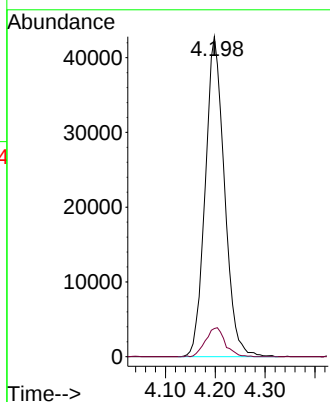
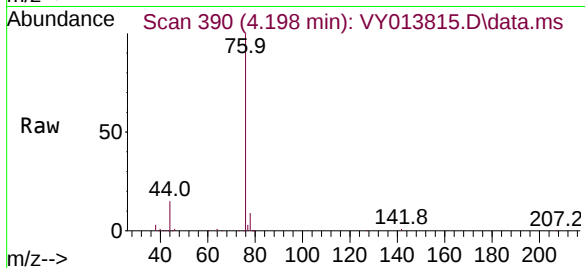




#17
Carbon Disulfide
Concen: 18.129 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

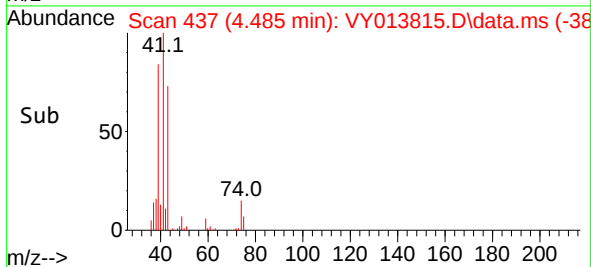
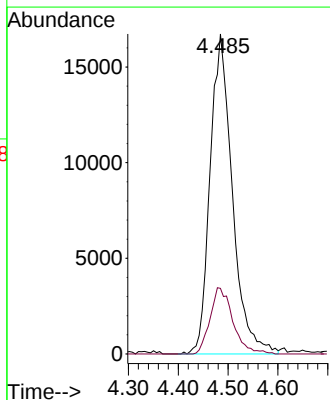
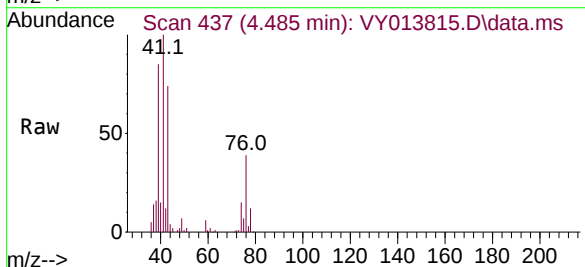
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

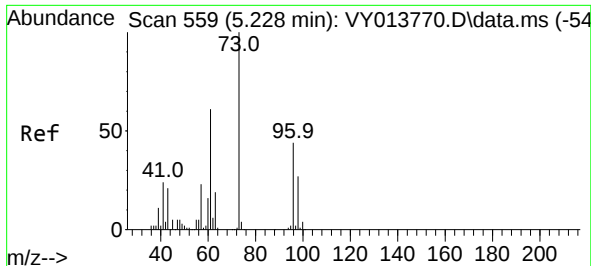
Tgt Ion: 76 Resp: 114618
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 16.199 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 43 Resp: 51895
Ion Ratio Lower Upper
43 100
74 21.2 16.6 25.0

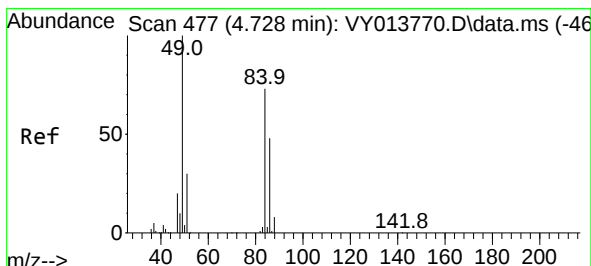
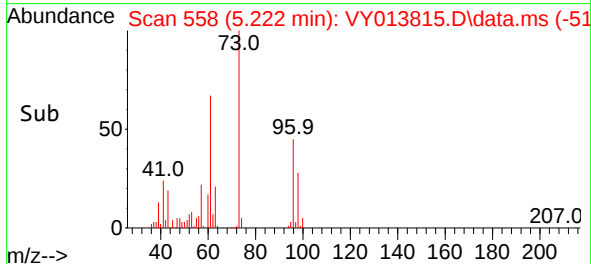
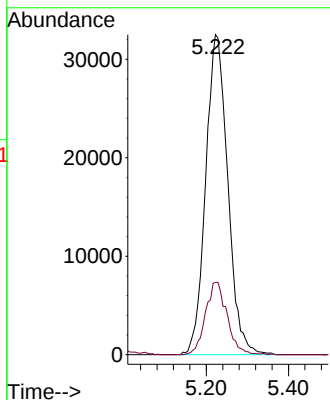
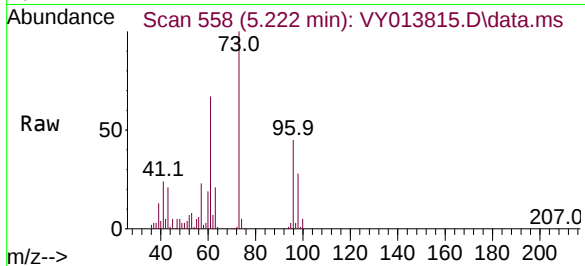




#19
Methyl tert-butyl Ether
Concen: 18.178 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

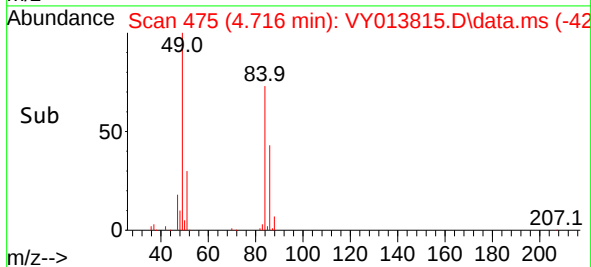
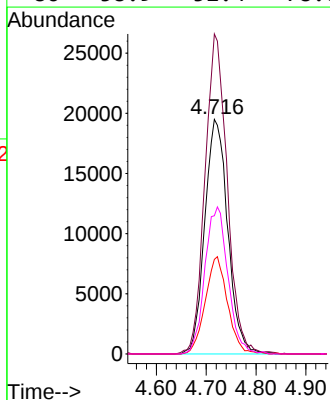
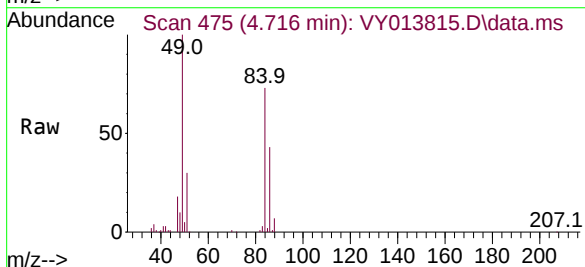
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

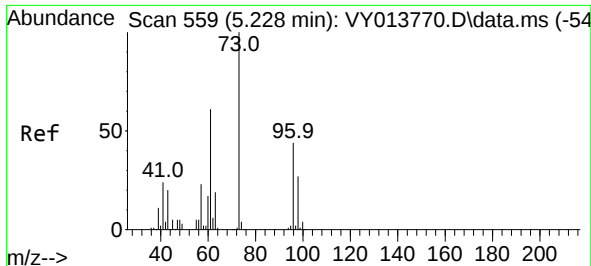
Tgt Ion: 73 Resp: 121341
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8



#20
Methylene Chloride
Concen: 18.716 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 84 Resp: 62485
Ion Ratio Lower Upper
84 100
49 136.1 109.4 164.0
51 40.3 32.8 49.2
86 58.9 52.4 78.6

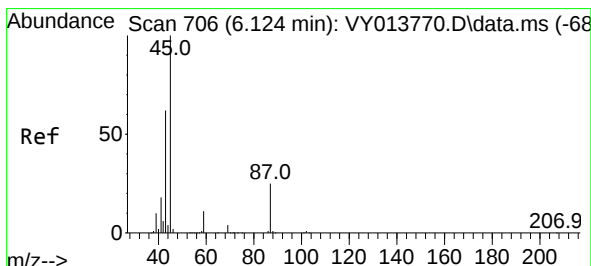
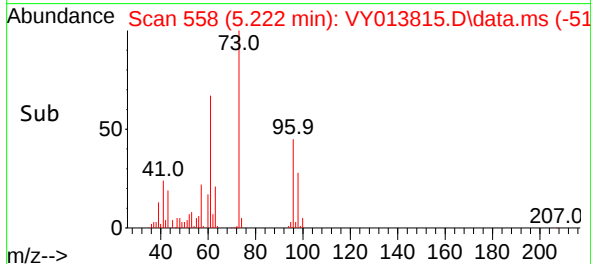
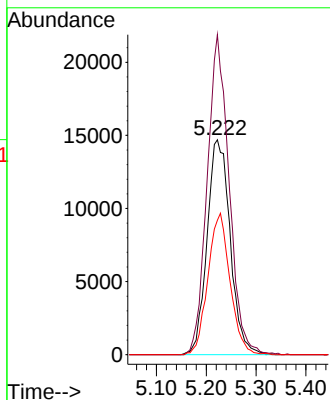
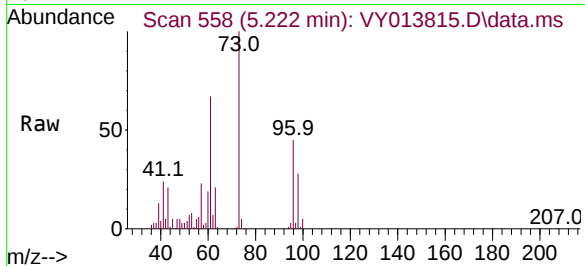




#21
trans-1,2-Dichloroethene
Concen: 19.096 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

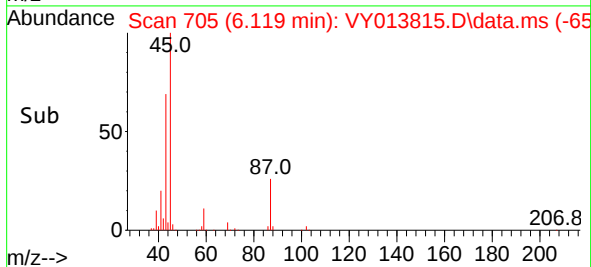
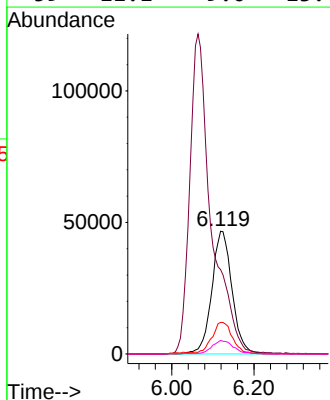
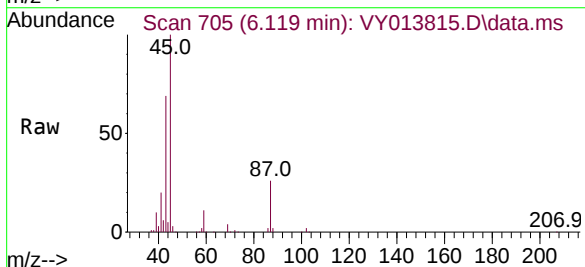
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

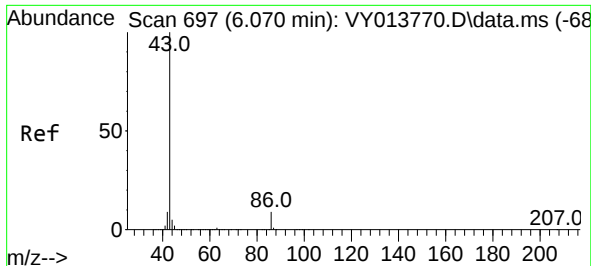
Tgt Ion: 96 Resp: 47309
Ion Ratio Lower Upper
96 100
61 148.9 110.8 166.2
98 62.6 48.6 72.8



#22
Diisopropyl ether
Concen: 17.268 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 45 Resp: 159200
Ion Ratio Lower Upper
45 100
43 67.9 49.7 74.5
87 25.7 19.9 29.9
59 11.1 9.0 13.4

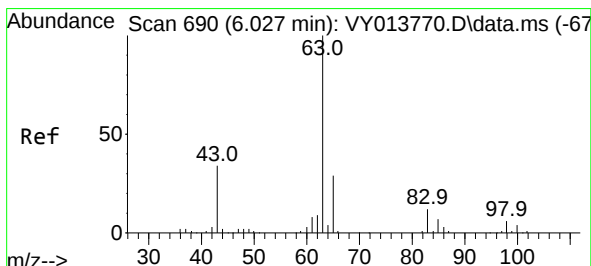
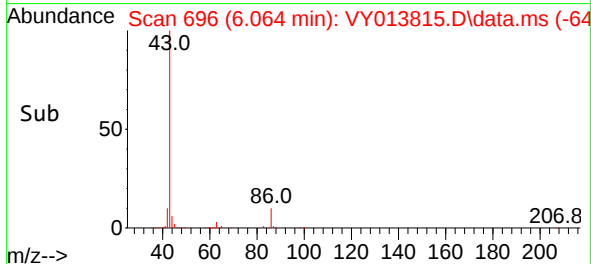
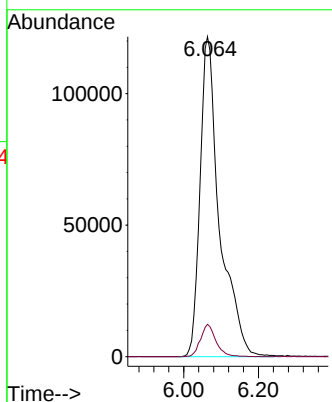
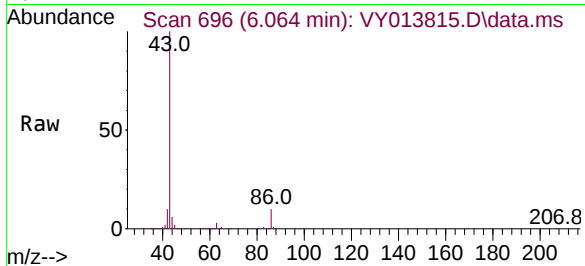




#23
 Vinyl Acetate
 Concen: 82.806 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013815.D
 Acq: 19 May 2023 12:52

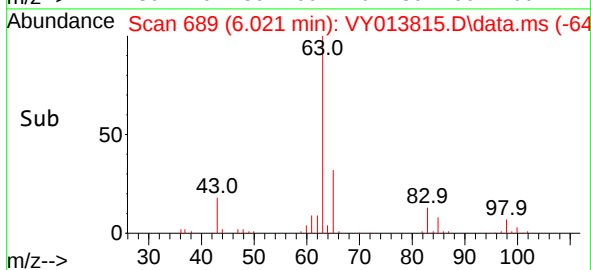
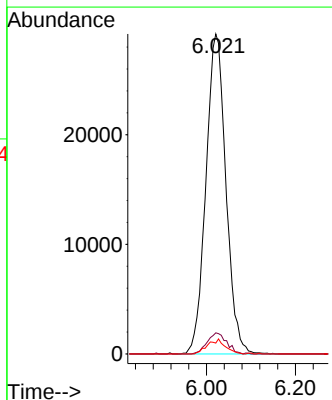
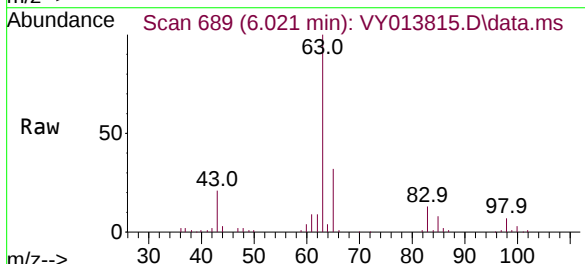
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

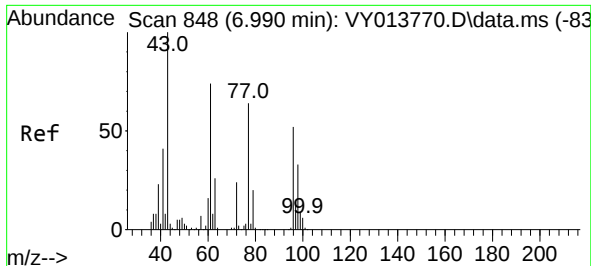
Tgt Ion: 43 Resp: 441753
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 18.125 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY013815.D
 Acq: 19 May 2023 12:52

Tgt Ion: 63 Resp: 91345
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.0
 100 3.4 2.0 6.0

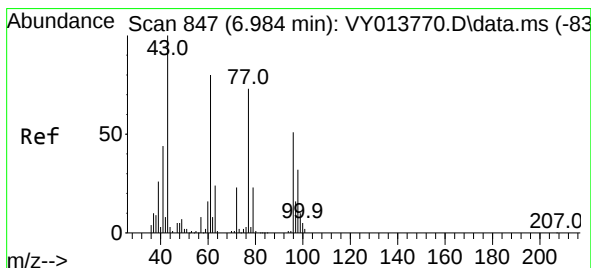
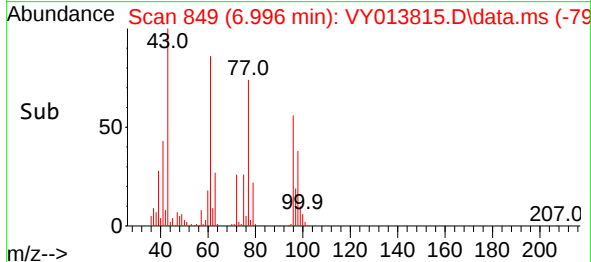
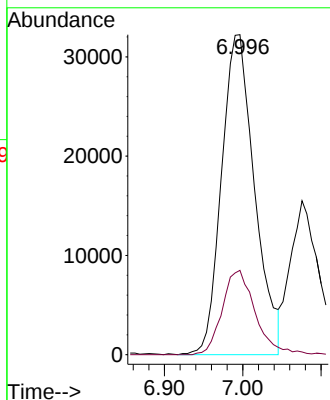
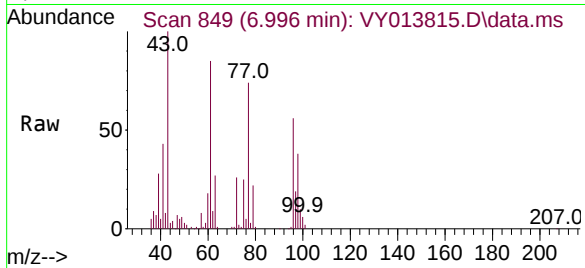




#25
2-Butanone
Concen: 79.252 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

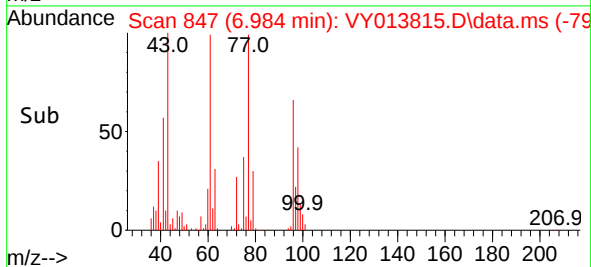
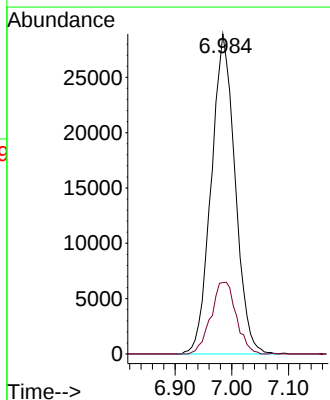
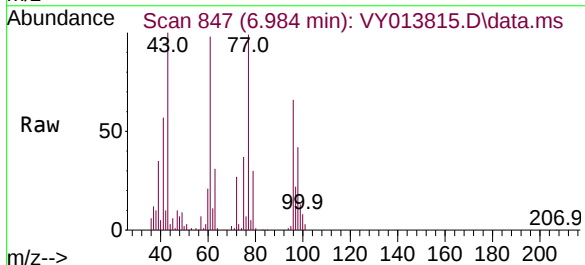
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

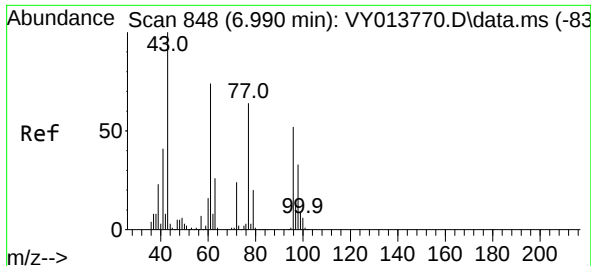
Tgt Ion: 43 Resp: 94668
Ion Ratio Lower Upper
43 100
72 26.4 19.0 28.6



#26
2,2-Dichloropropane
Concen: 19.627 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 77 Resp: 84491
Ion Ratio Lower Upper
77 100
97 23.7 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

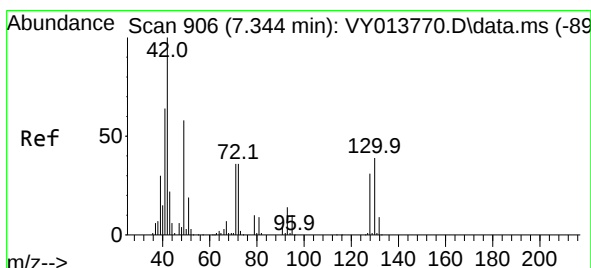
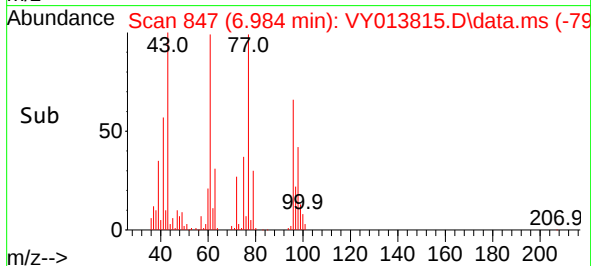
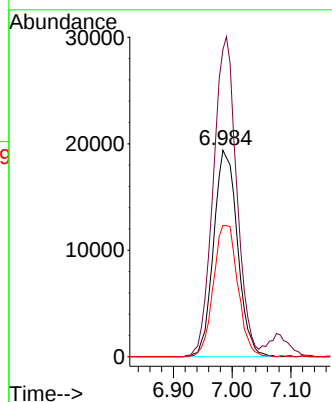
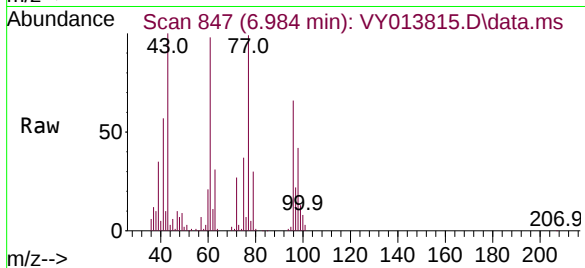
Tgt Ion: 96 Resp: 54743

Ion Ratio Lower Upper

96 100

61 151.7 0.0 300.6

98 65.0 0.0 127.8



#28

Bromochloromethane

Concen: 18.049 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

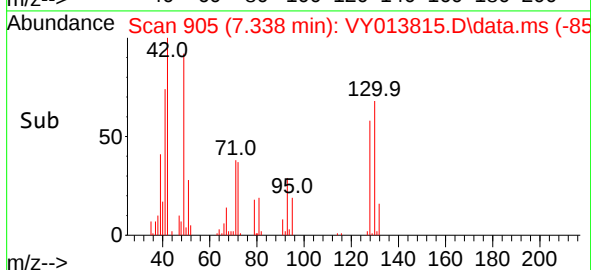
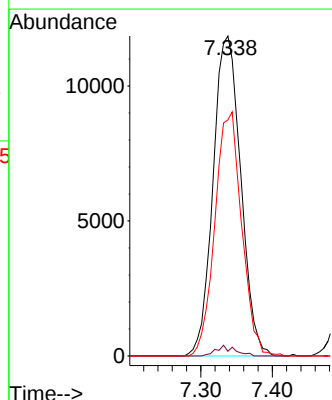
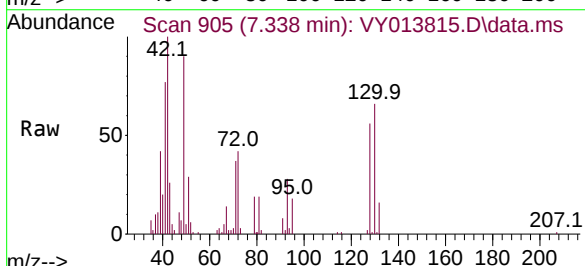
Tgt Ion: 49 Resp: 31827

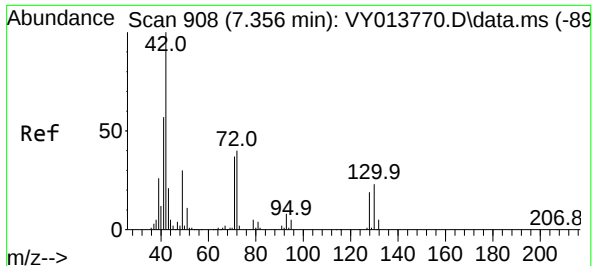
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 73.8 54.4 81.6





#29

Tetrahydrofuran

Concen: 78.070 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

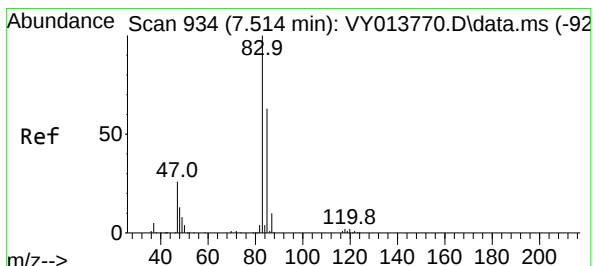
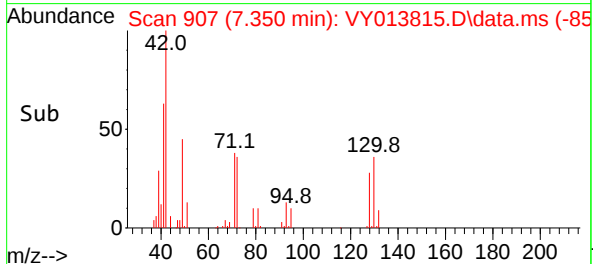
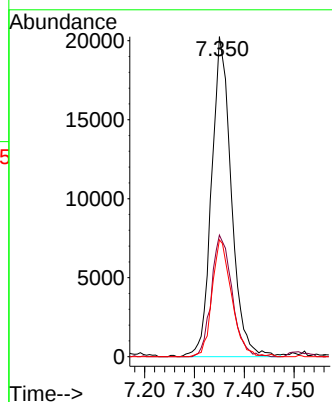
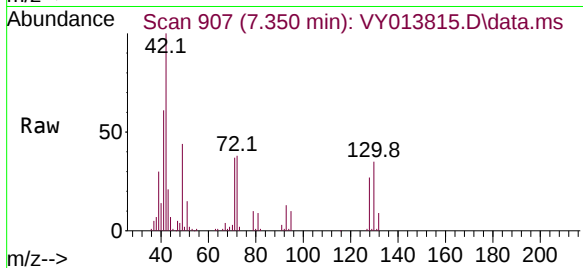
Tgt Ion: 42 Resp: 55799

Ion Ratio Lower Upper

42 100

72 39.5 30.7 46.1

71 35.9 29.0 43.6



#30

Chloroform

Concen: 19.404 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY013815.D

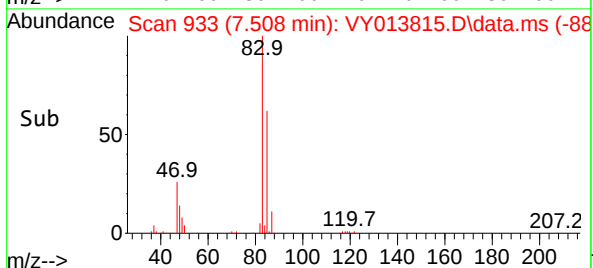
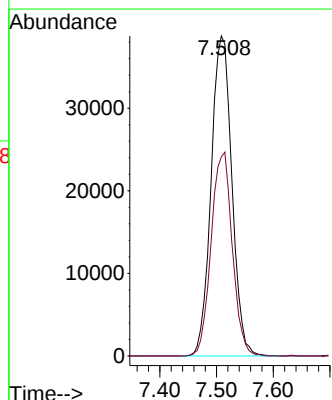
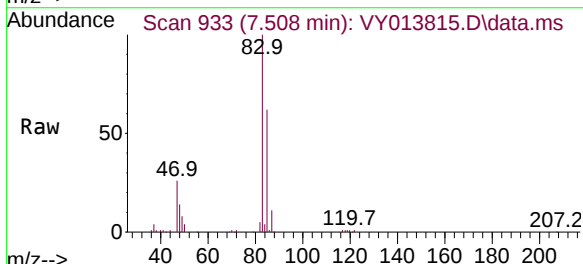
Acq: 19 May 2023 12:52

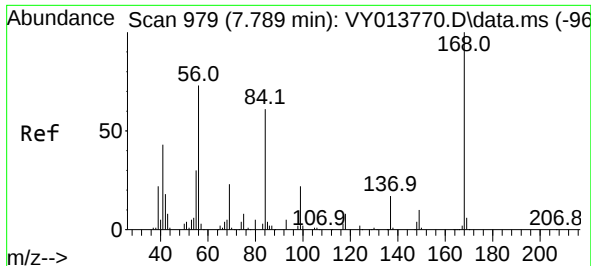
Tgt Ion: 83 Resp: 98542

Ion Ratio Lower Upper

83 100

85 62.2 50.5 75.7

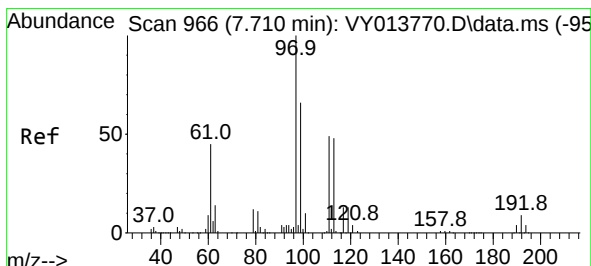
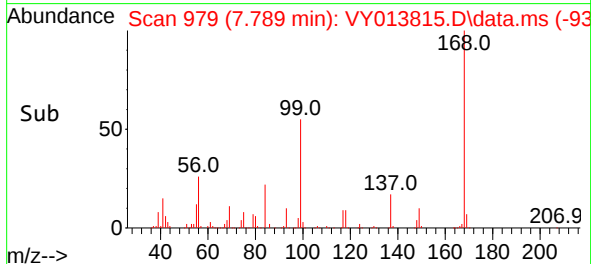
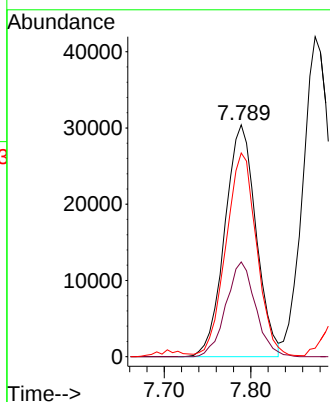
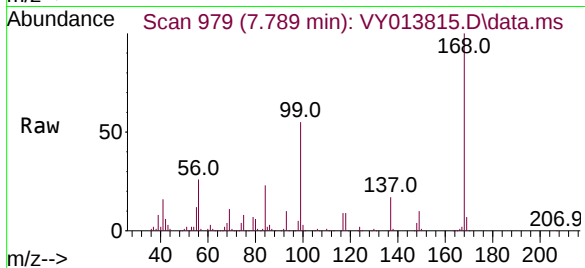




#31
Cyclohexane
Concen: 17.450 ug/l
RT: 7.789 min Scan# 919
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

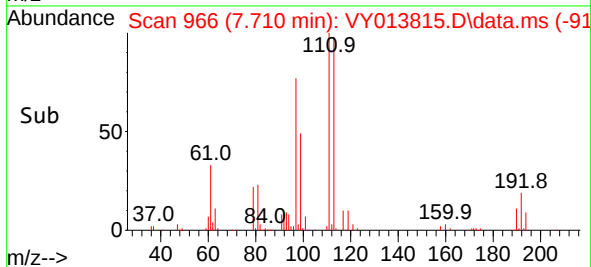
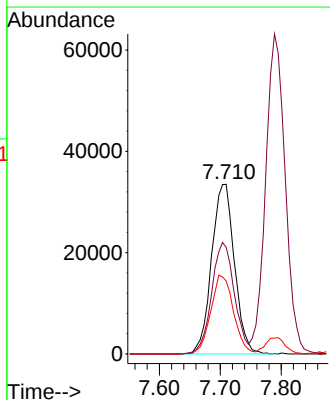
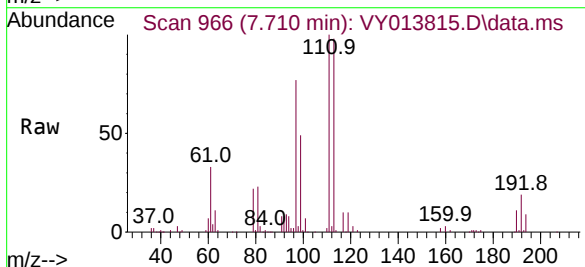
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

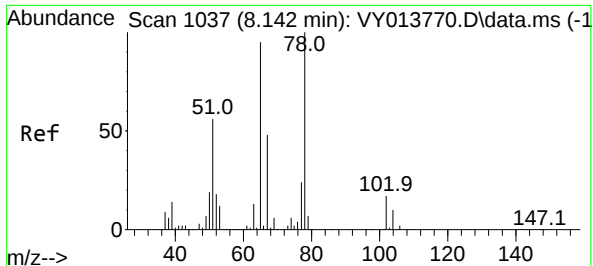
Tgt Ion: 56 Resp: 76198
Ion Ratio Lower Upper
56 100
69 40.8 25.8 38.6#
84 85.5 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 20.152 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 97 Resp: 87359
Ion Ratio Lower Upper
97 100
99 65.2 51.7 77.5
61 46.2 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 48.020 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

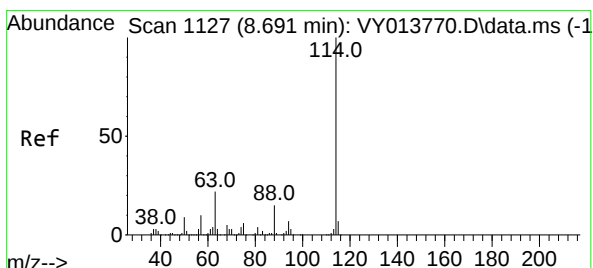
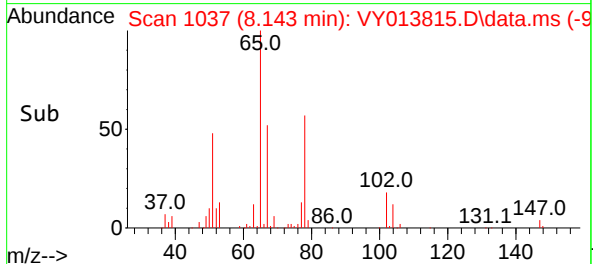
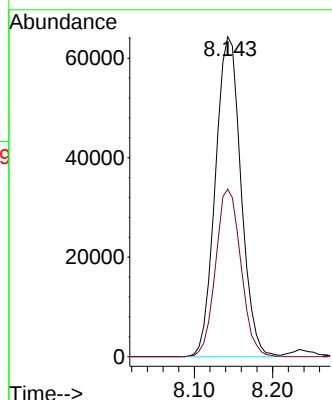
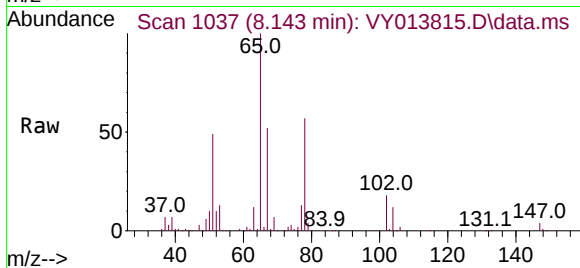
VY0519SBS01

Tgt Ion: 65 Resp: 146254

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

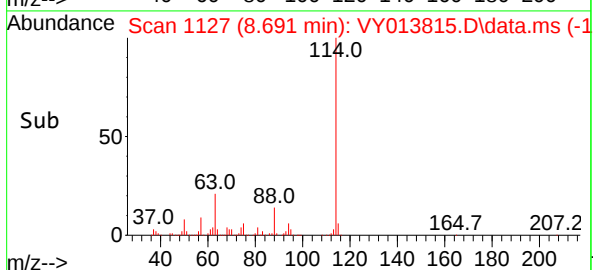
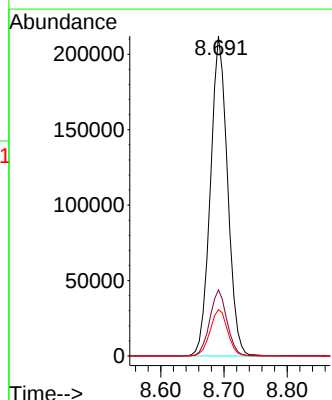
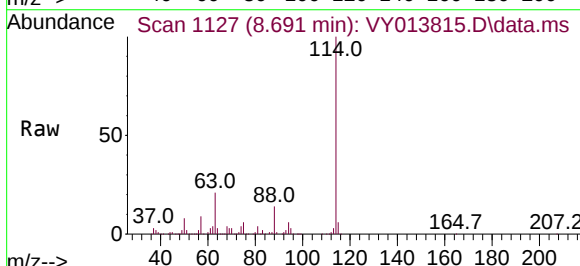
Tgt Ion: 114 Resp: 399254

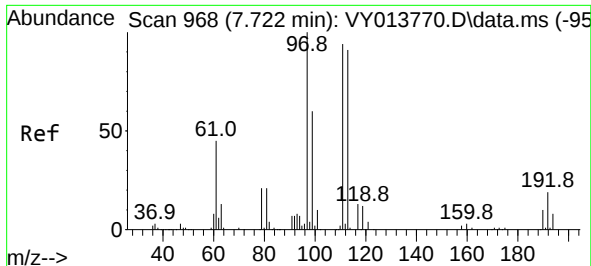
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 14.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.609 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

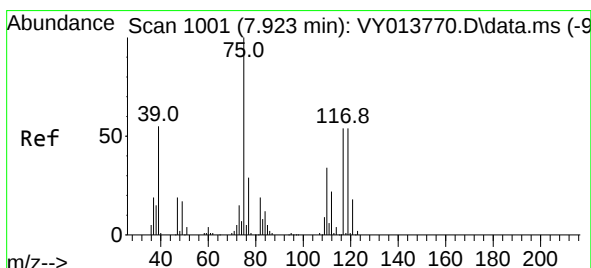
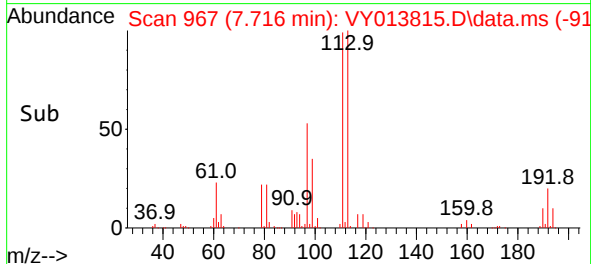
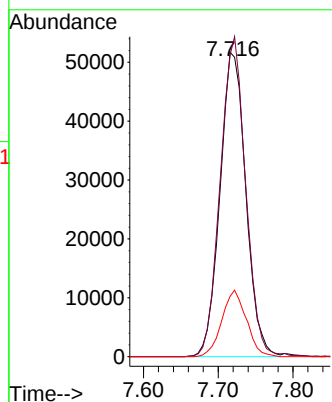
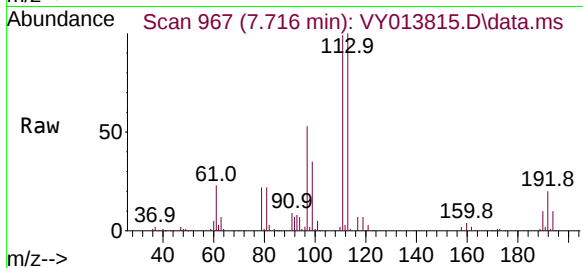
Tgt Ion:113 Resp: 124450

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 20.8 16.0 24.0



#36

1,1-Dichloropropene

Concen: 19.201 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

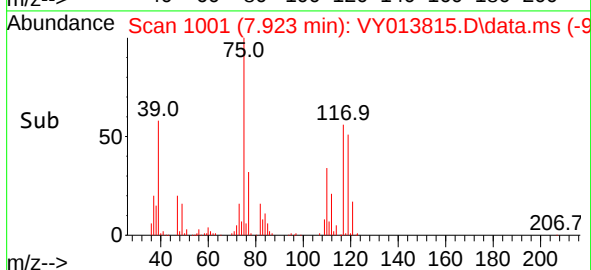
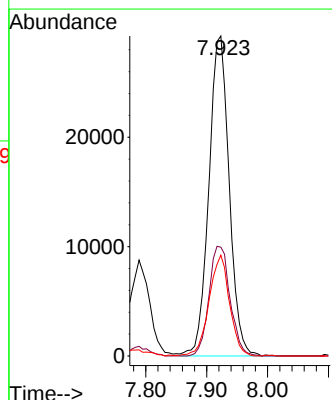
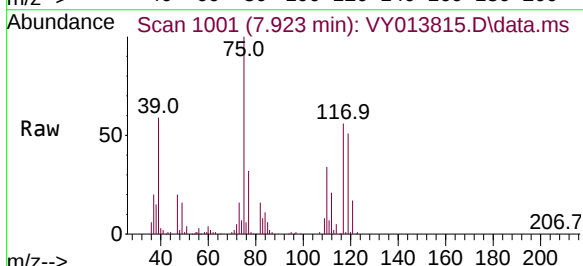
Tgt Ion: 75 Resp: 67923

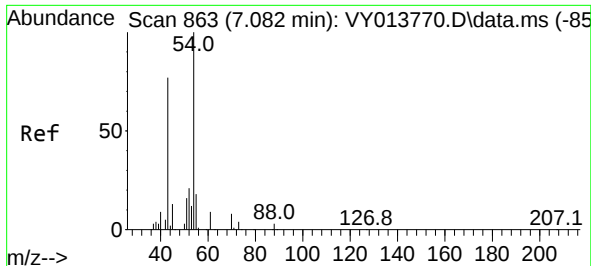
Ion Ratio Lower Upper

75 100

110 35.6 17.3 51.7

77 31.8 24.6 36.8

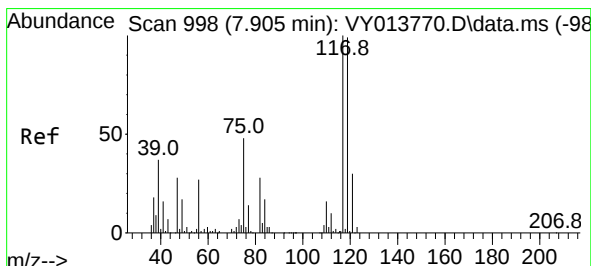
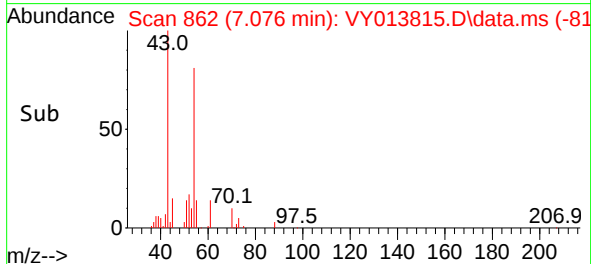
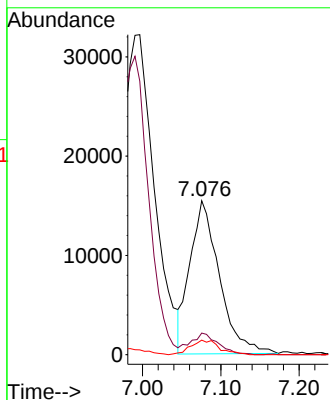
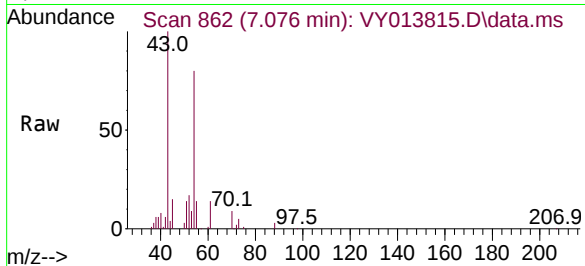




#37
Ethyl Acetate
Concen: 16.620 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

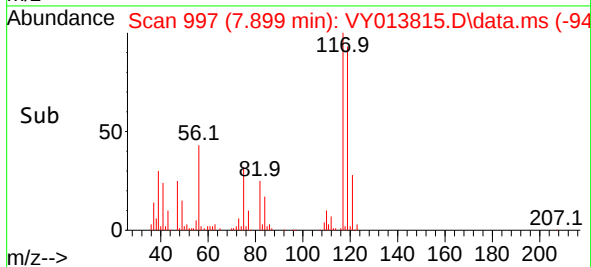
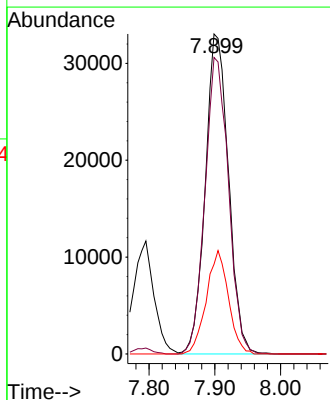
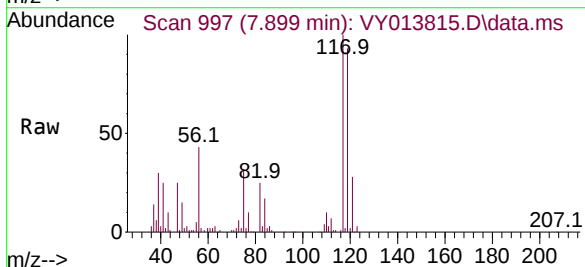
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

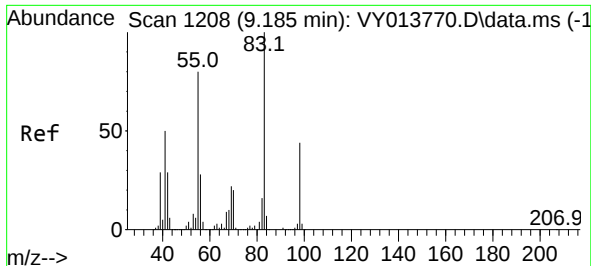
Tgt Ion: 43 Resp: 40441
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 9.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 21.770 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 117 Resp: 81242
Ion Ratio Lower Upper
117 100
119 92.7 79.0 118.6
121 28.1 24.1 36.1

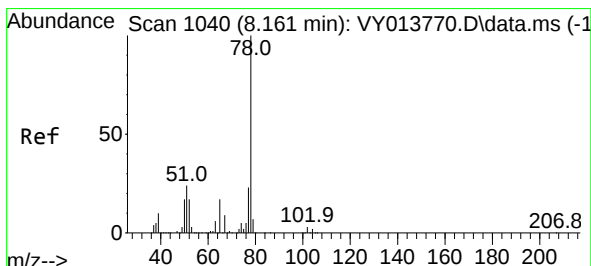
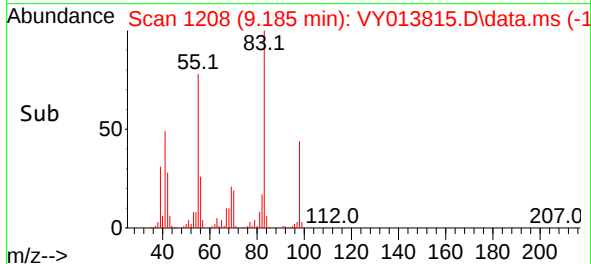
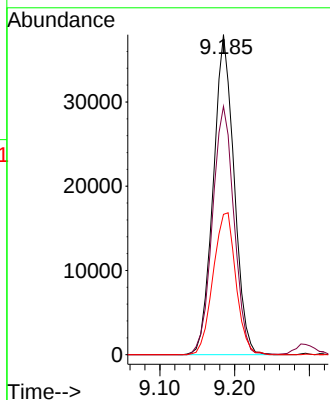
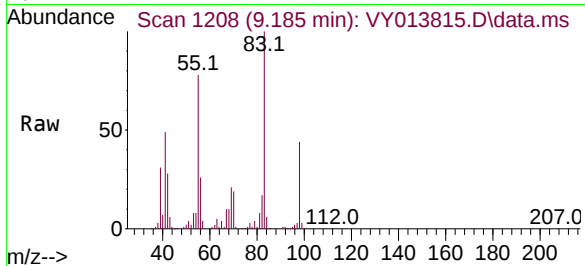




#39
Methylcyclohexane
Concen: 18.320 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

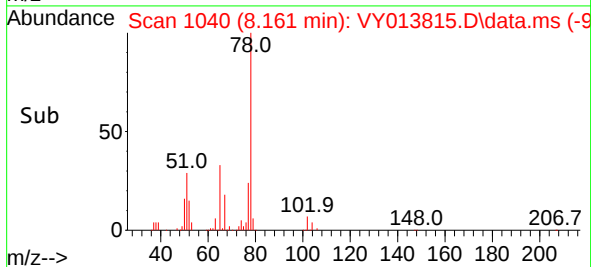
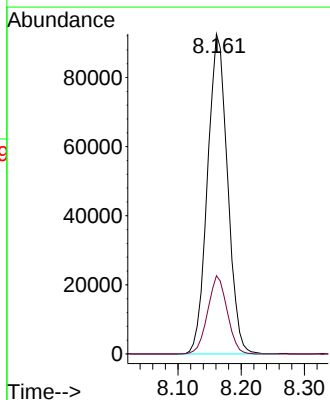
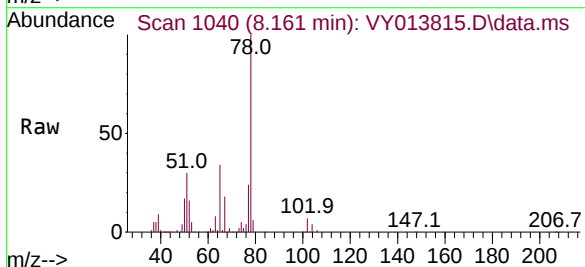
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

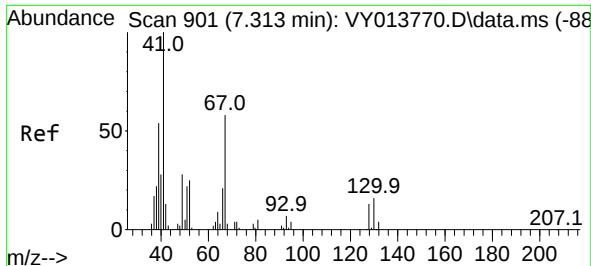
Tgt Ion: 83 Resp: 73660
Ion Ratio Lower Upper
83 100
55 77.6 63.7 95.5
98 43.8 35.0 52.6



#40
Benzene
Concen: 19.817 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 78 Resp: 203712
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8

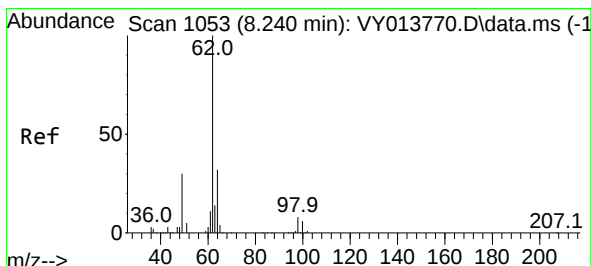
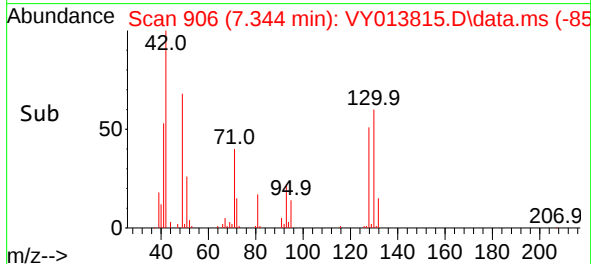
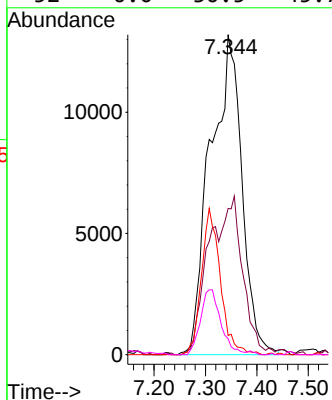
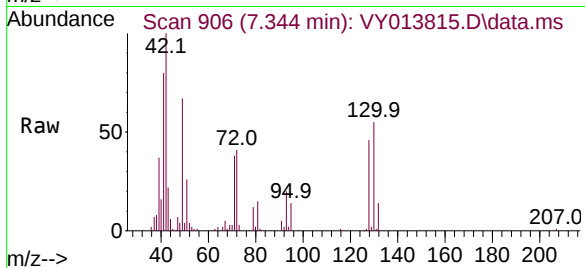




#41
Methacrylonitrile
Concen: 46.412 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

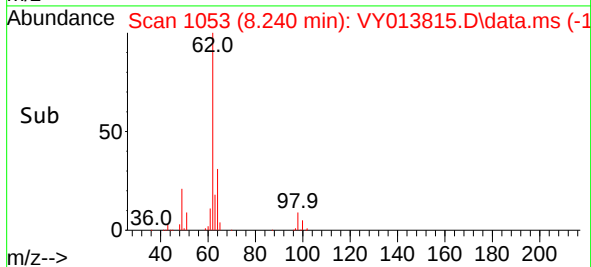
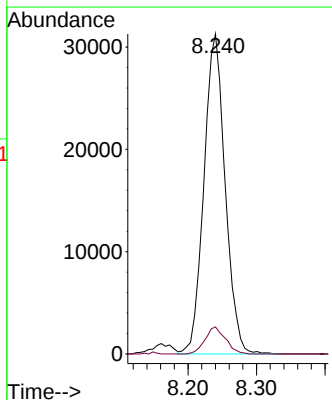
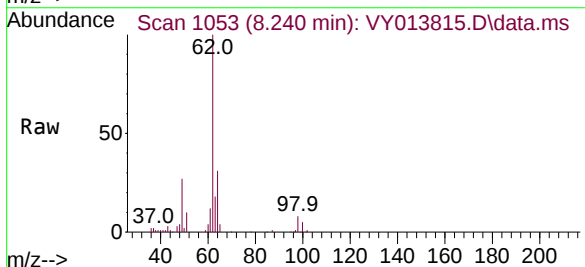
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

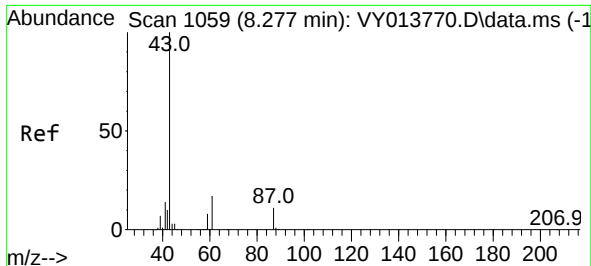
Tgt Ion: 41 Resp: 56122
Ion Ratio Lower Upper
41 100
39 0.0 59.5 89.3#
67 0.0 69.1 103.7#
52 0.0 30.5 45.7#



#42
1,2-Dichloroethane
Concen: 20.295 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 62 Resp: 67410
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.8





#43

Isopropyl Acetate

Concen: 16.621 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

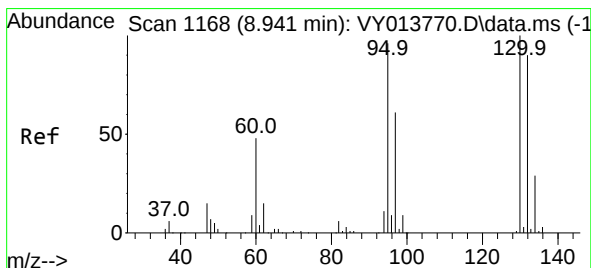
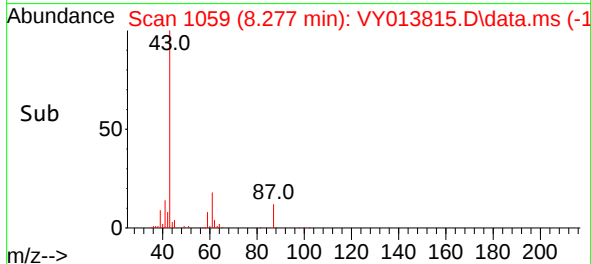
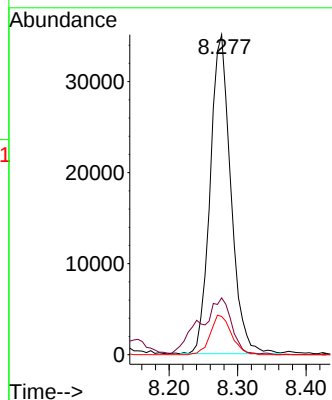
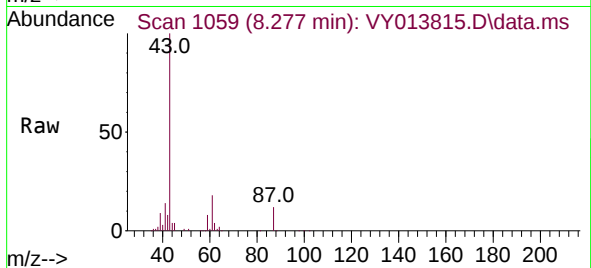
Tgt Ion: 43 Resp: 73409

Ion Ratio Lower Upper

43 100

61 17.3 20.6 31.0#

87 12.6 9.0 13.6



#44

Trichloroethene

Concen: 20.605 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY013815.D

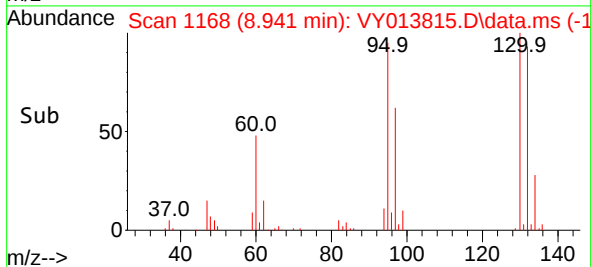
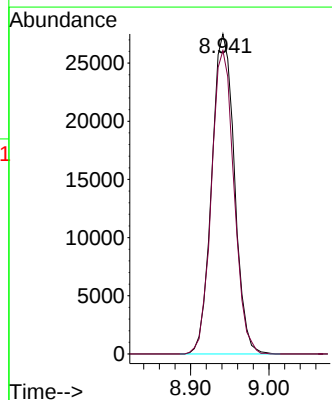
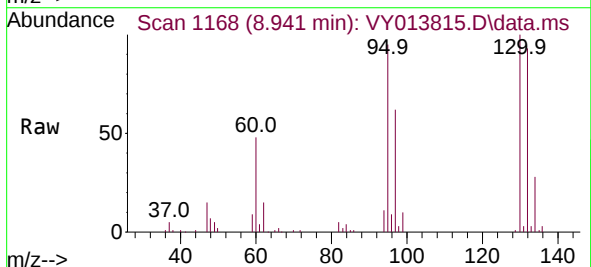
Acq: 19 May 2023 12:52

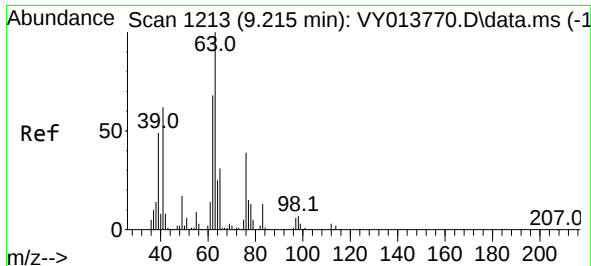
Tgt Ion:130 Resp: 55371

Ion Ratio Lower Upper

130 100

95 94.8 0.0 193.0





#45

1,2-Dichloropropane

Concen: 18.640 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

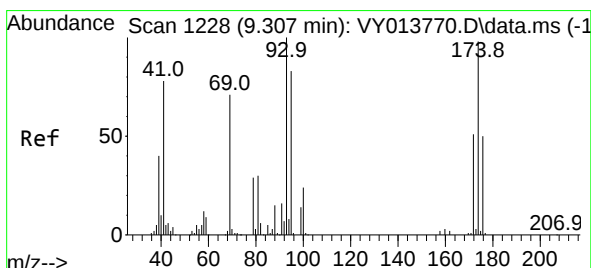
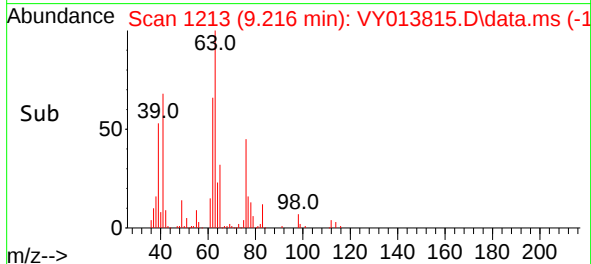
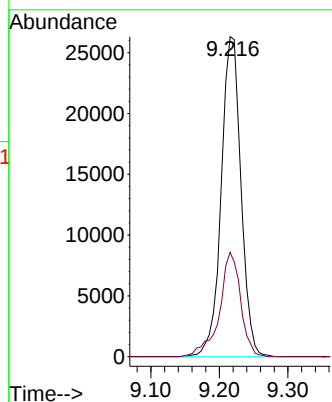
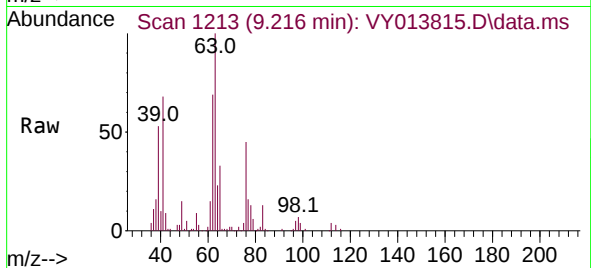
VY0519SBS01

Tgt Ion: 63 Resp: 52655

Ion Ratio Lower Upper

63 100

65 32.6 24.9 37.3



#46

Dibromomethane

Concen: 18.701 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

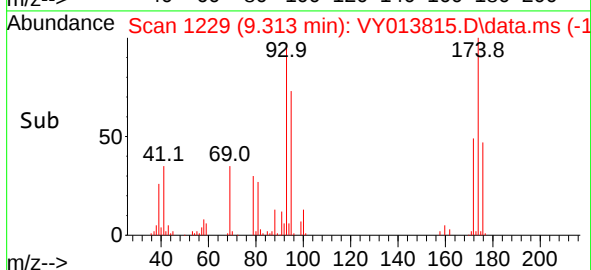
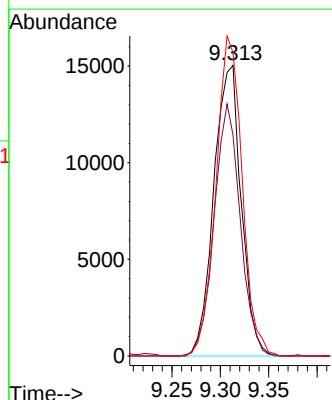
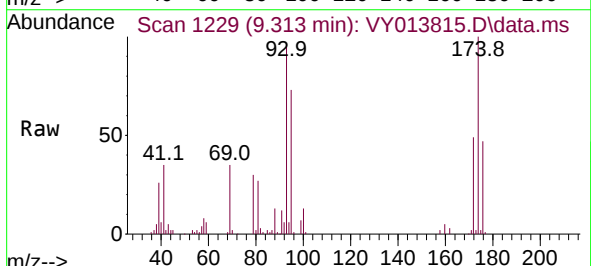
Tgt Ion: 93 Resp: 29586

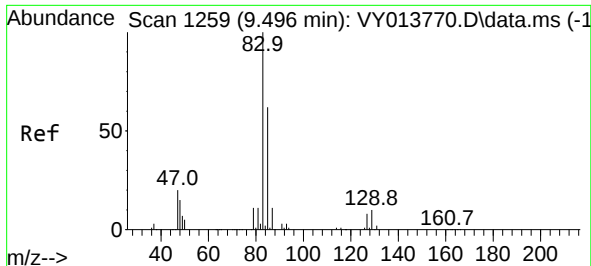
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

174 105.7 79.5 119.3

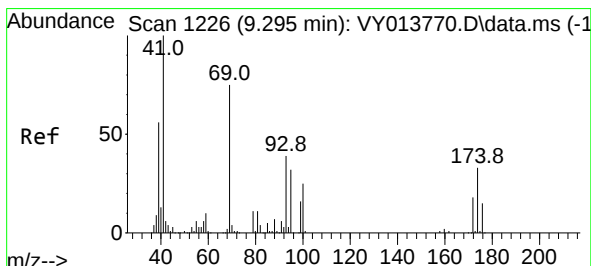
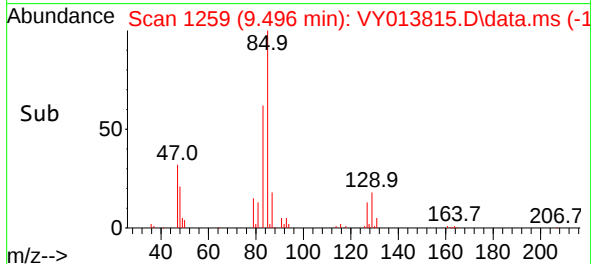
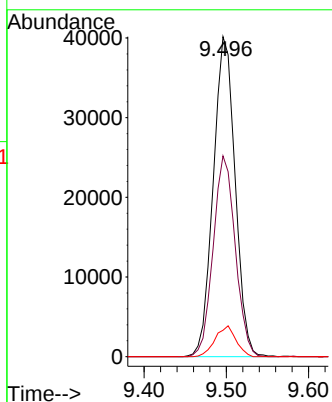
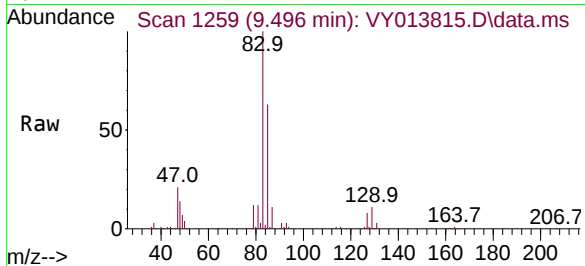




#47
Bromodichloromethane
Concen: 19.858 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

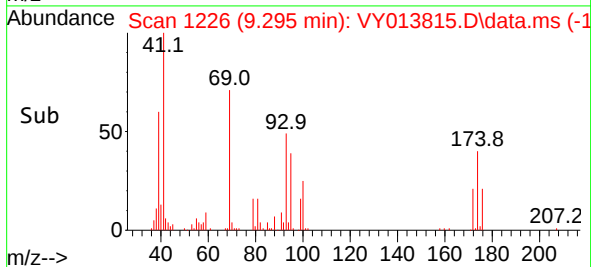
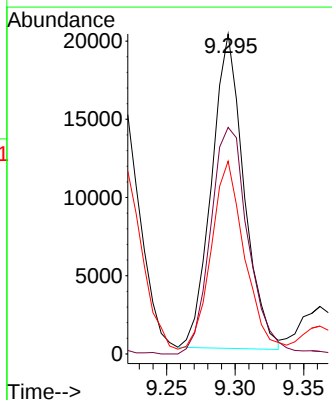
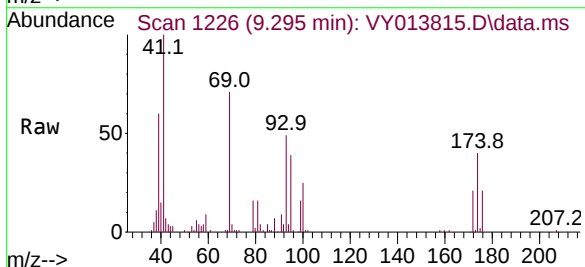
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

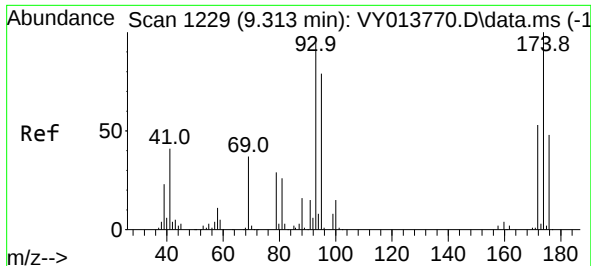
Tgt Ion:	83	Resp:	74400
Ion	Ratio	Lower	Upper
83	100		
85	62.7	49.6	74.4
127	8.3	6.3	9.5



#48
Methyl methacrylate
Concen: 16.281 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion:	41	Resp:	33030
Ion	Ratio	Lower	Upper
41	100		
69	84.3	63.0	94.6
39	63.7	46.2	69.2





#49

1,4-Dioxane

Concen: 302.879 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

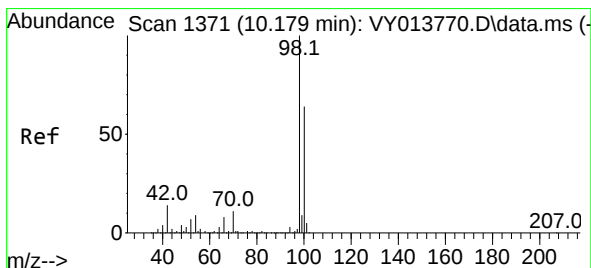
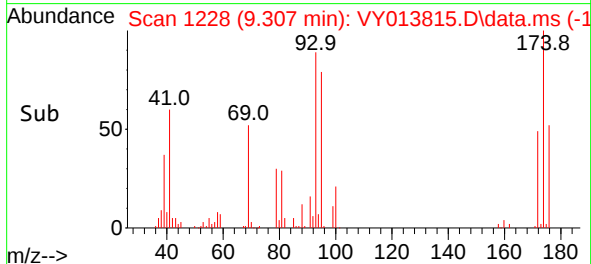
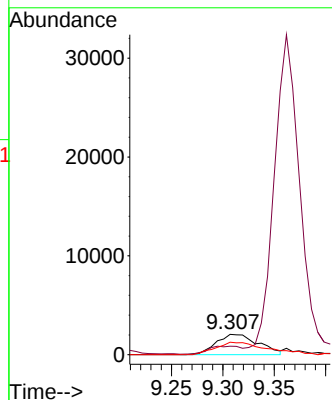
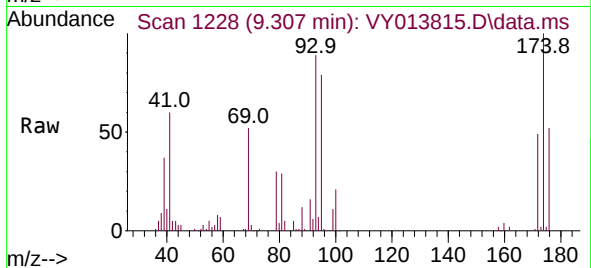
Tgt Ion: 88 Resp: 5881

Ion Ratio Lower Upper

88 100

43 30.3 26.1 39.1

58 74.2 62.2 93.2



#50

Toluene-d8

Concen: 49.832 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013815.D

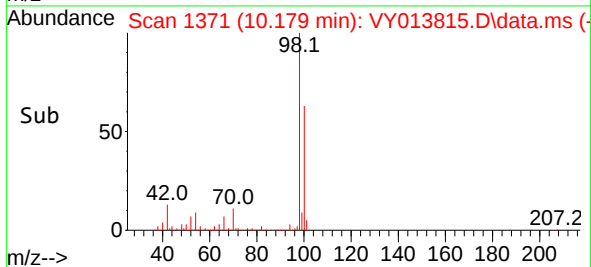
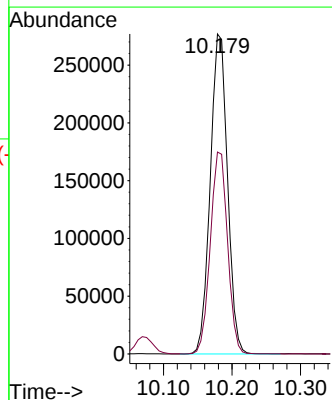
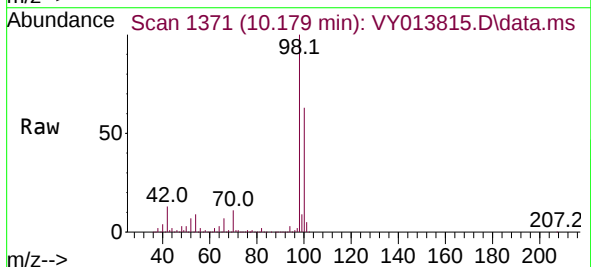
Acq: 19 May 2023 12:52

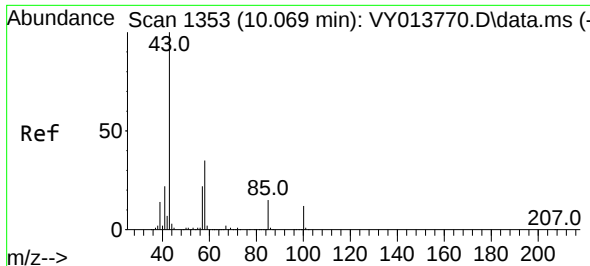
Tgt Ion: 98 Resp: 483678

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.6

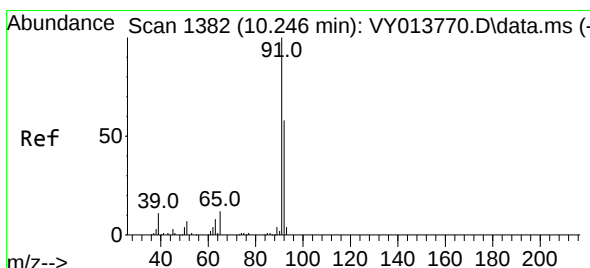
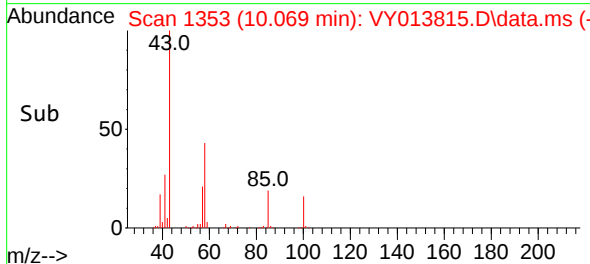
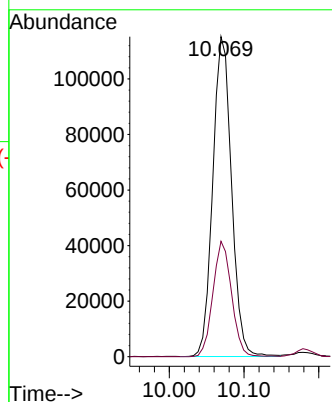
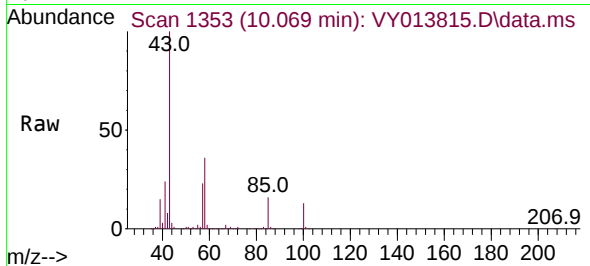




#51
4-Methyl-2-Pentanone
Concen: 81.714 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

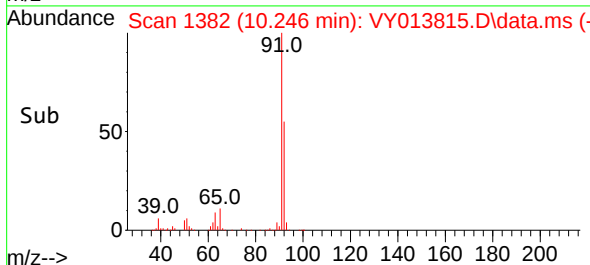
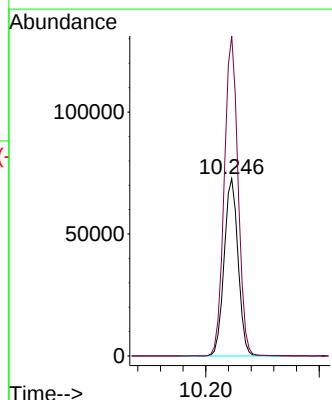
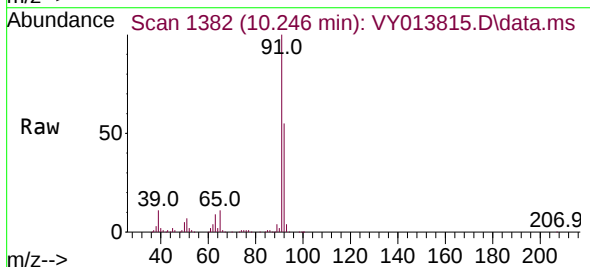
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

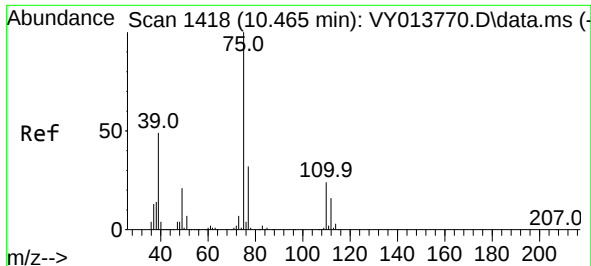
Tgt Ion: 43 Resp: 200972
Ion Ratio Lower Upper
43 100
58 35.9 28.2 42.2



#52
Toluene
Concen: 19.872 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 92 Resp: 123846
Ion Ratio Lower Upper
92 100
91 178.7 141.0 211.4

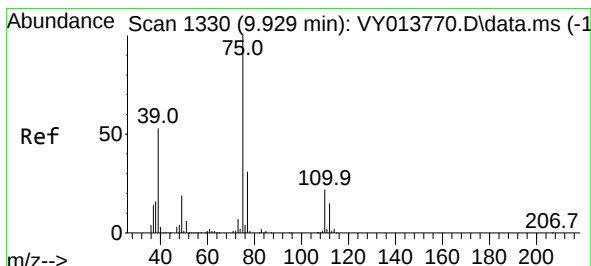
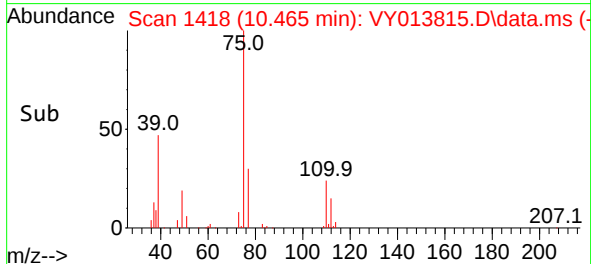
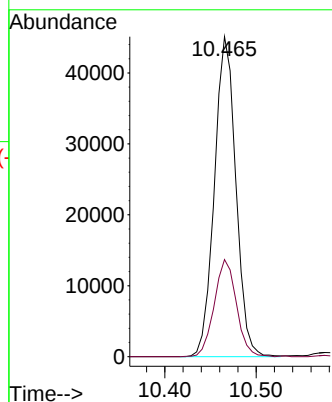
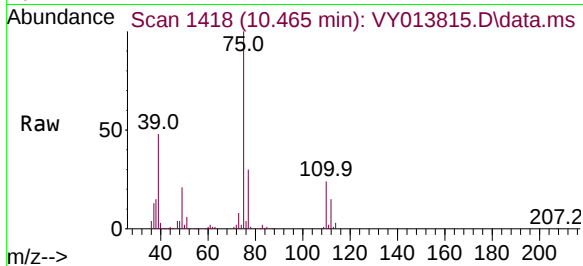




#53
t-1,3-Dichloropropene
Concen: 19.028 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

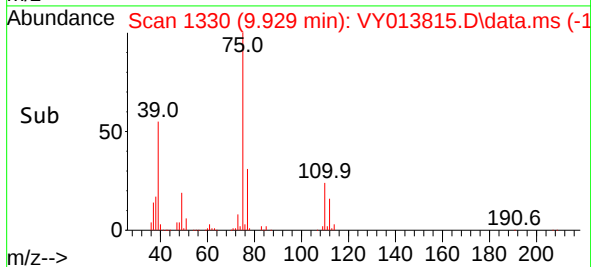
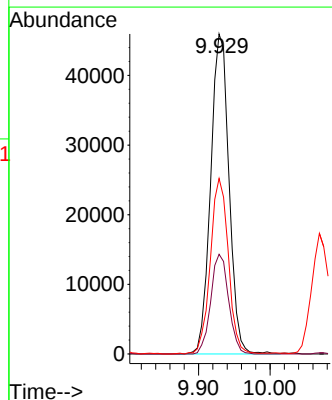
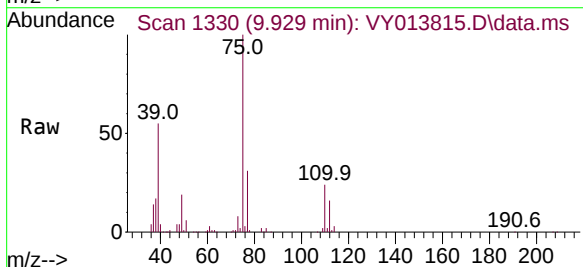
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

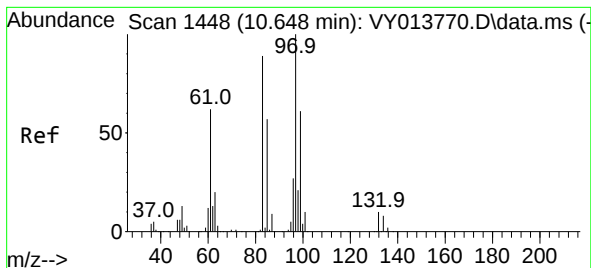
Tgt Ion: 75 Resp: 73505
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 19.011 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 75 Resp: 81939
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 54.6 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 19.043 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

Tgt Ion: 97 Resp: 40976

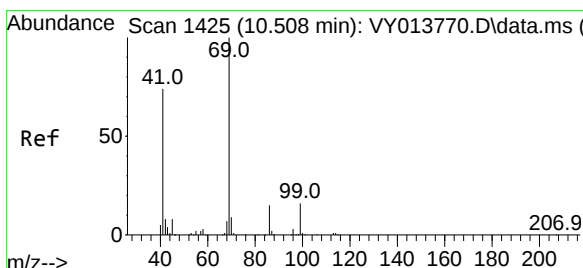
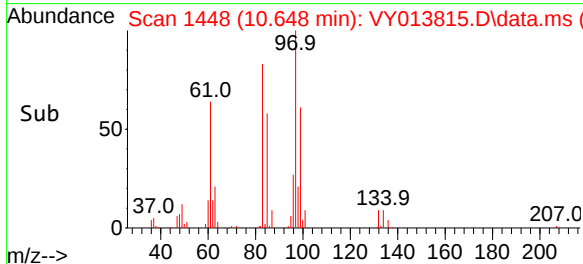
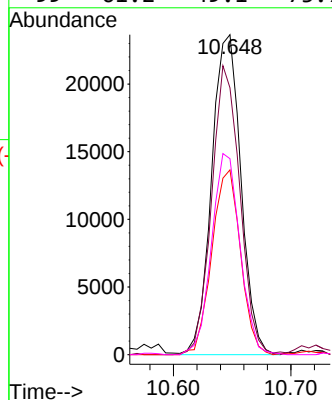
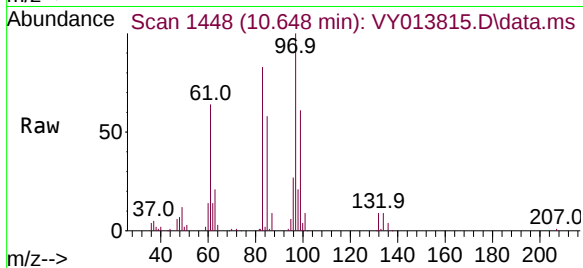
Ion Ratio Lower Upper

97 100

83 83.2 71.1 106.7

85 57.8 45.7 68.5

99 61.2 49.1 73.7



#56

Ethyl methacrylate

Concen: 18.057 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

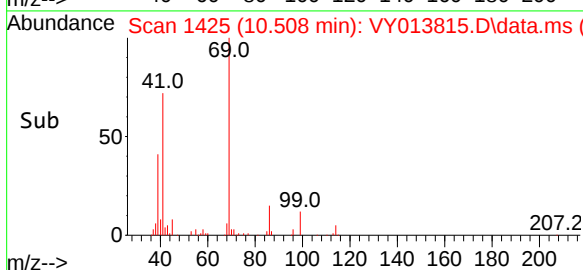
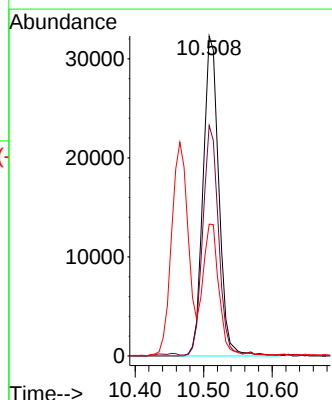
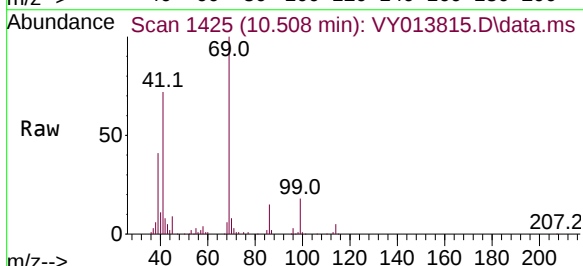
Tgt Ion: 69 Resp: 51851

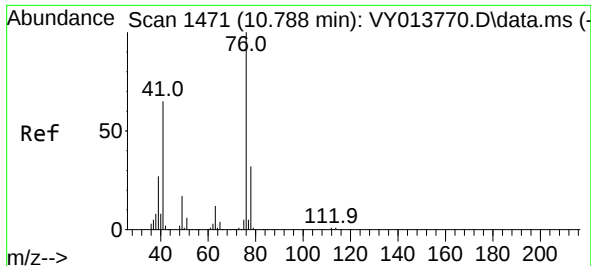
Ion Ratio Lower Upper

69 100

41 71.6 58.3 87.5

39 39.8 31.8 47.8





#57

1,3-Dichloropropane

Concen: 18.408 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

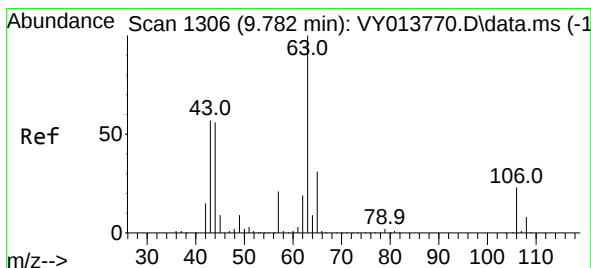
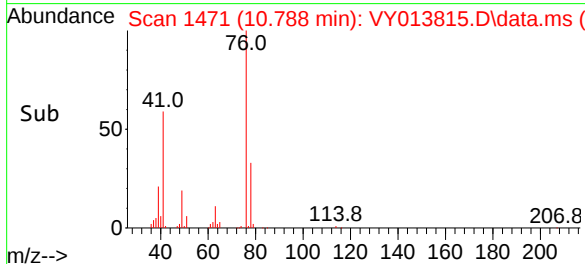
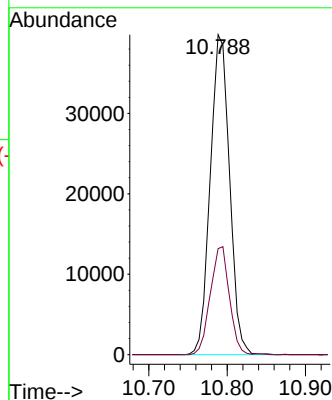
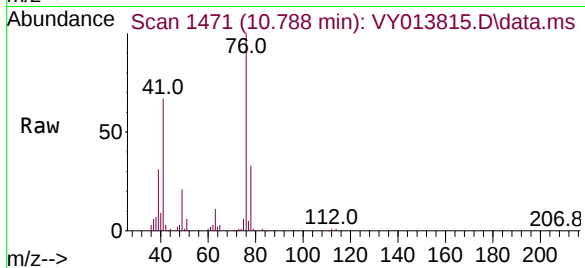
VY0519SBS01

Tgt Ion: 76 Resp: 68143

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 92.843 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013815.D

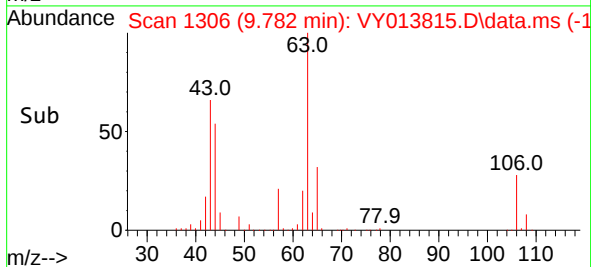
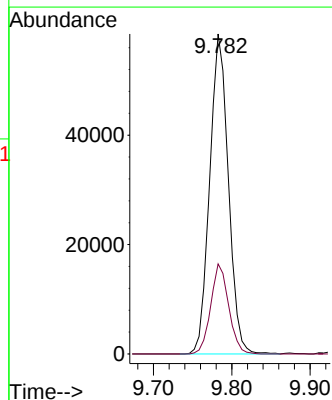
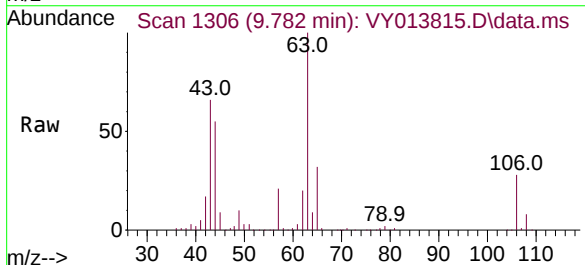
Acq: 19 May 2023 12:52

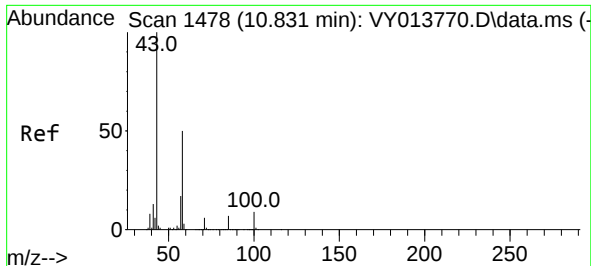
Tgt Ion: 63 Resp: 96590

Ion Ratio Lower Upper

63 100

106 27.1 19.7 29.5

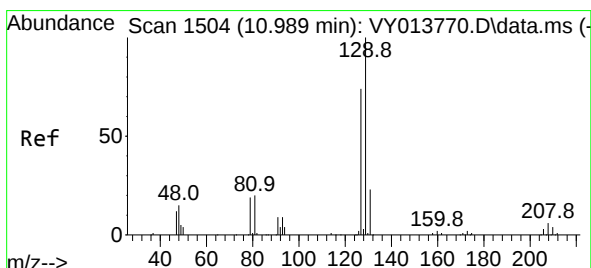
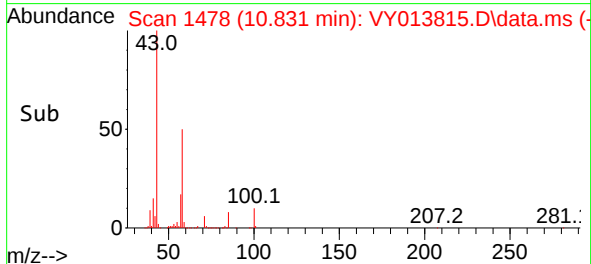
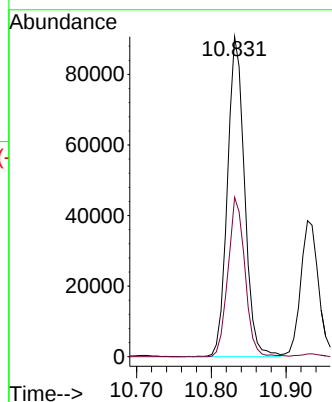
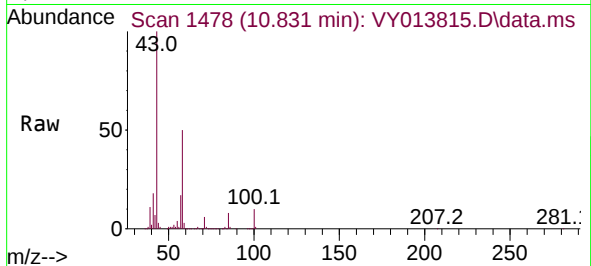




#59
2-Hexanone
Concen: 82.725 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

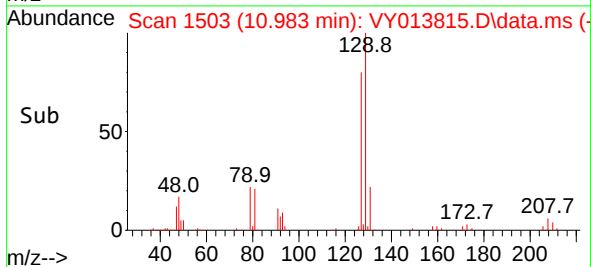
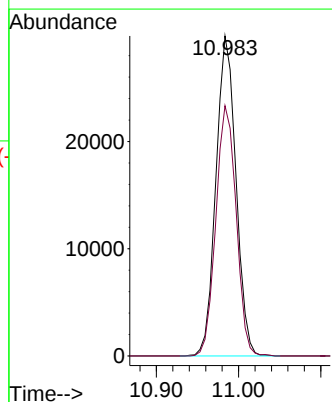
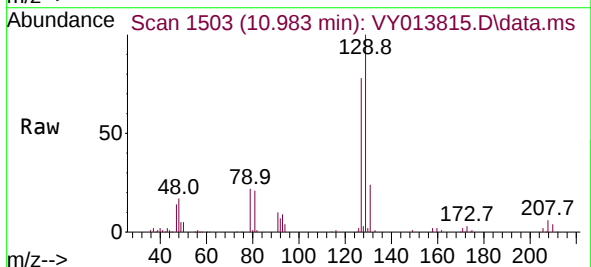
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

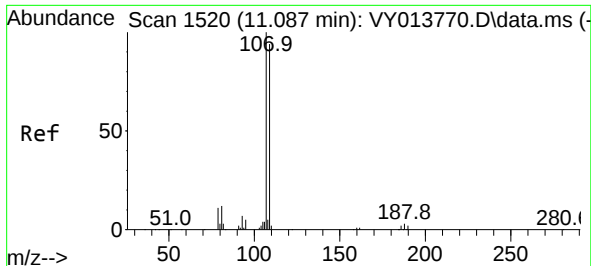
Tgt Ion: 43 Resp: 144622
Ion Ratio Lower Upper
43 100
58 49.3 24.8 74.4



#60
Dibromochloromethane
Concen: 19.375 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 129 Resp: 50517
Ion Ratio Lower Upper
129 100
127 79.2 38.6 115.7

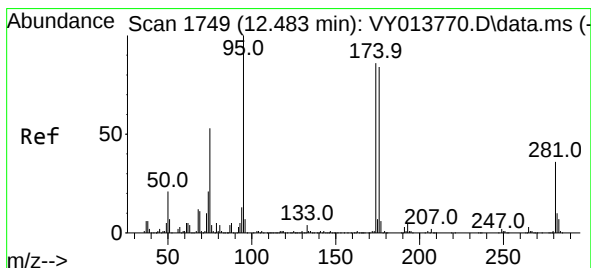
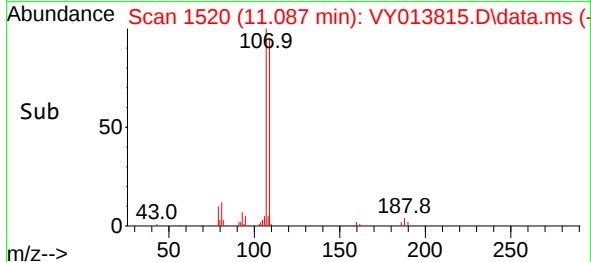
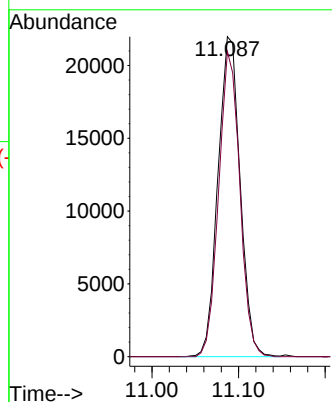
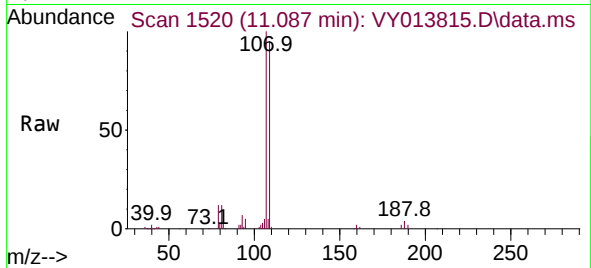




#61
1,2-Dibromoethane
Concen: 19.238 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

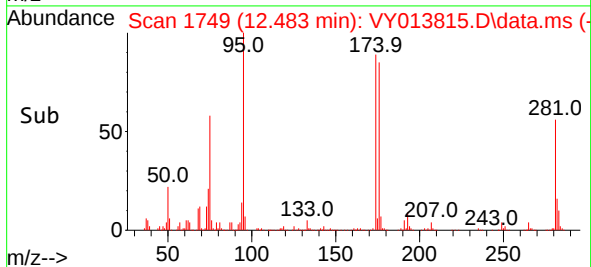
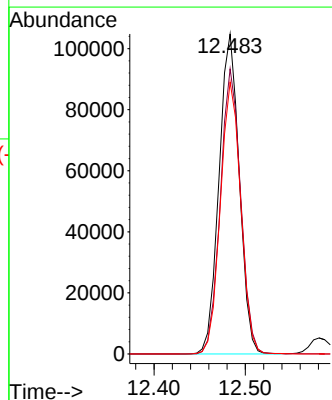
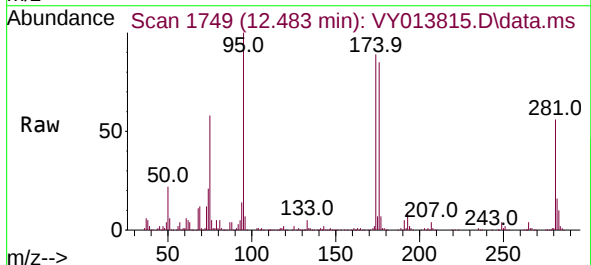
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

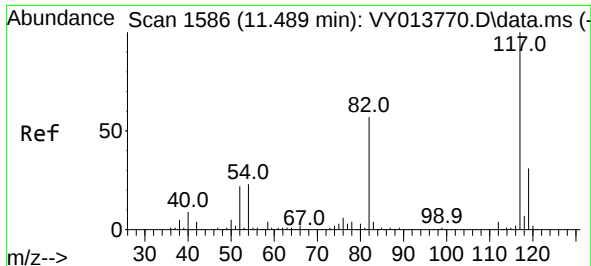
Tgt Ion:107 Resp: 39036
Ion Ratio Lower Upper
107 100
109 90.8 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 50.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 95 Resp: 161393
Ion Ratio Lower Upper
95 100
174 89.3 0.0 168.8
176 85.5 0.0 165.2

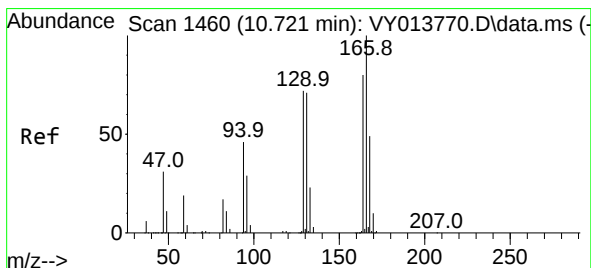
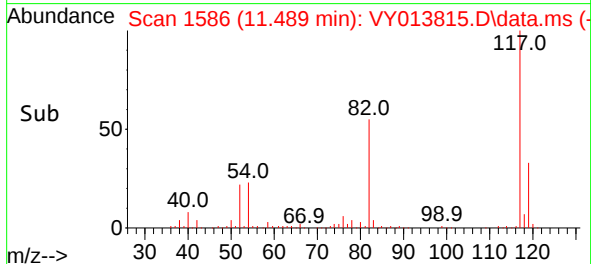
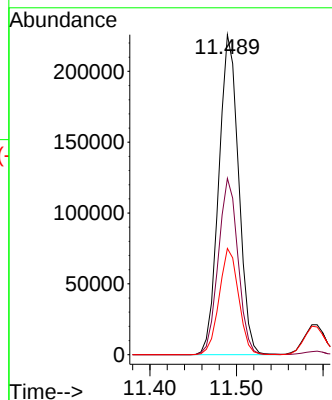
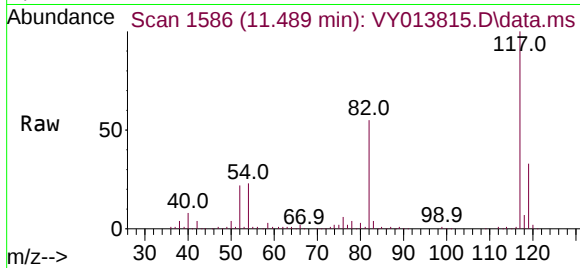




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

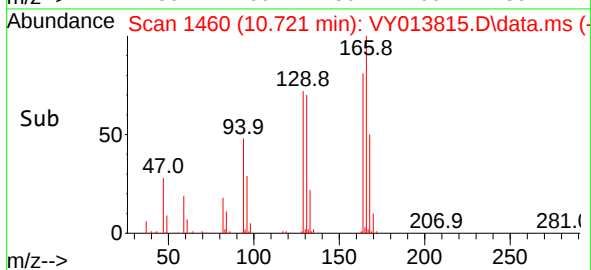
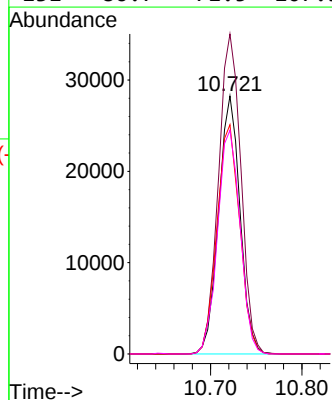
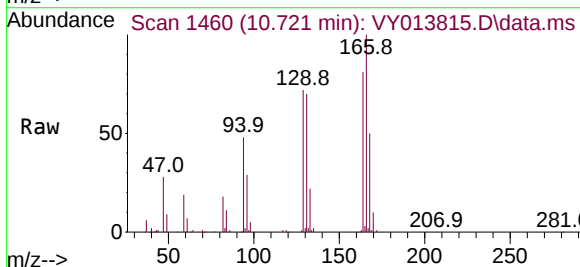
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

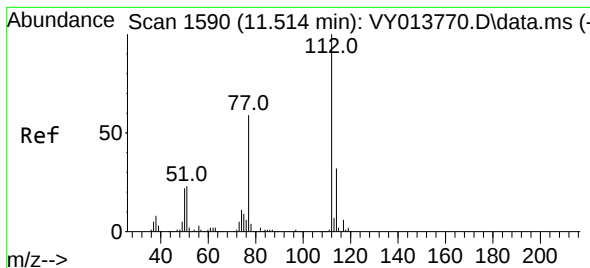
Tgt Ion:117 Resp: 359494
Ion Ratio Lower Upper
117 100
82 55.1 45.5 68.3
119 33.2 24.8 37.2



#64
Tetrachloroethene
Concen: 20.261 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion:164 Resp: 46205
Ion Ratio Lower Upper
164 100
166 124.0 100.5 150.7
129 88.9 72.5 108.7
131 86.7 71.5 107.3





#65

Chlorobenzene

Concen: 20.015 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

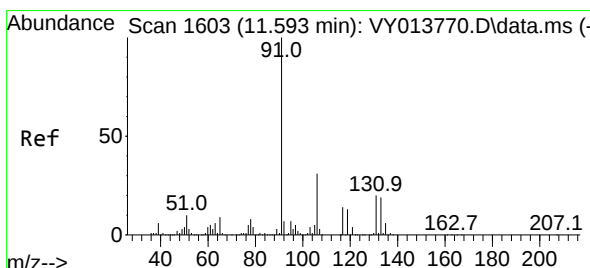
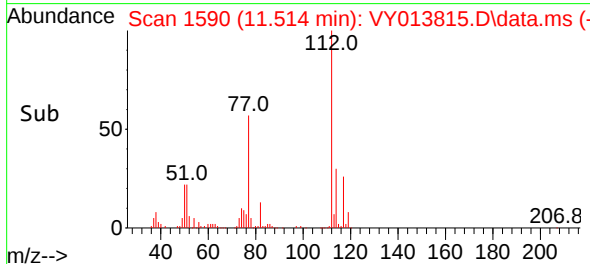
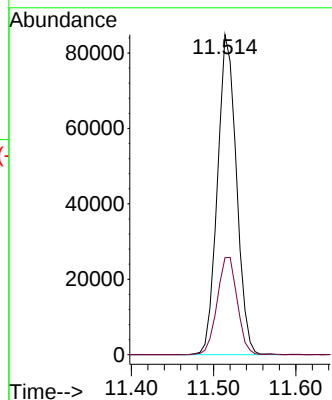
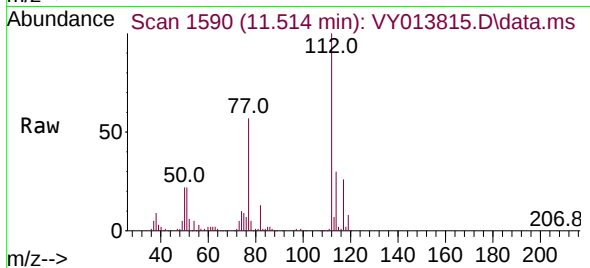
VY0519SBS01

Tgt Ion:112 Resp: 136189

Ion Ratio Lower Upper

112 100

114 30.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.700 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

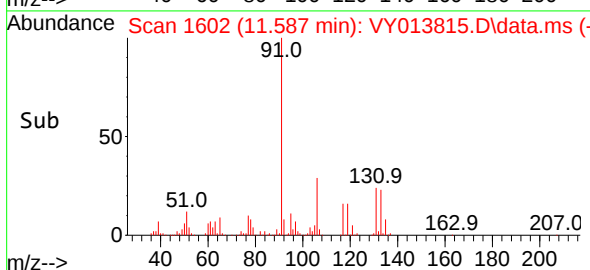
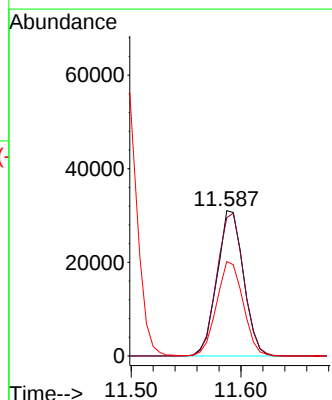
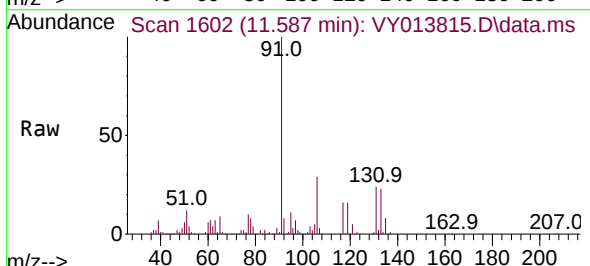
Tgt Ion:131 Resp: 52084

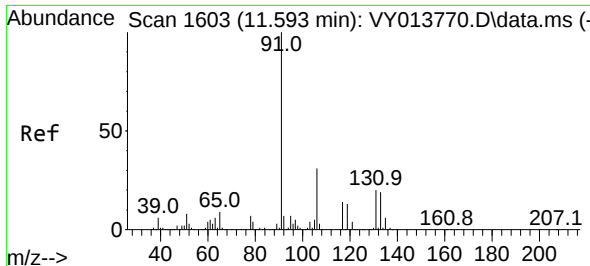
Ion Ratio Lower Upper

131 100

133 99.9 47.8 143.4

119 65.2 32.9 98.7

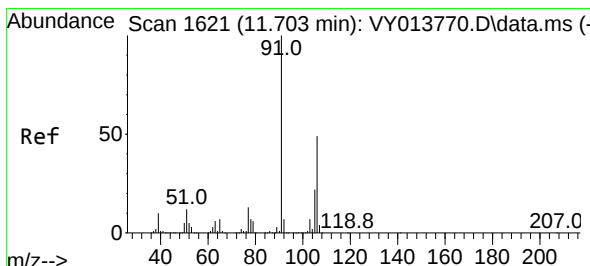
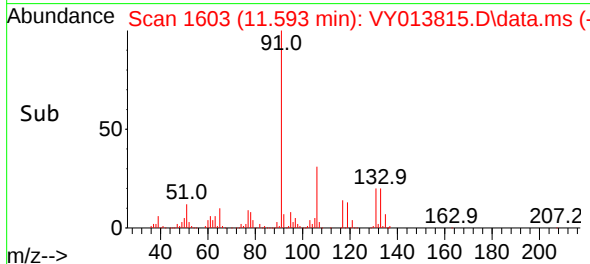
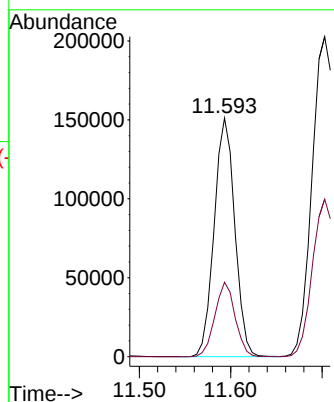
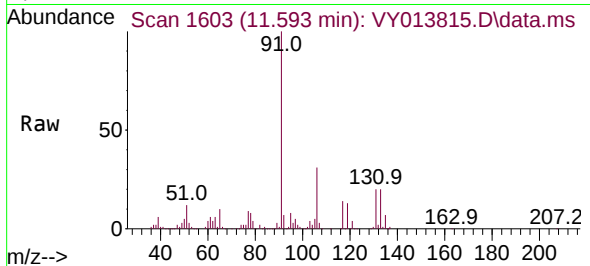




#67
Ethyl Benzene
Concen: 19.577 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

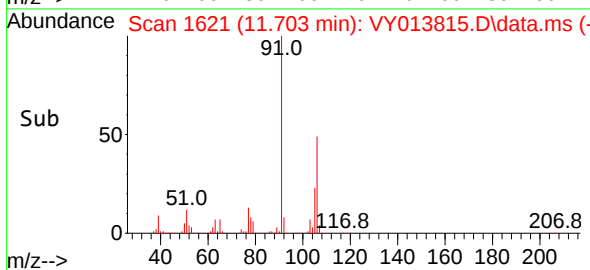
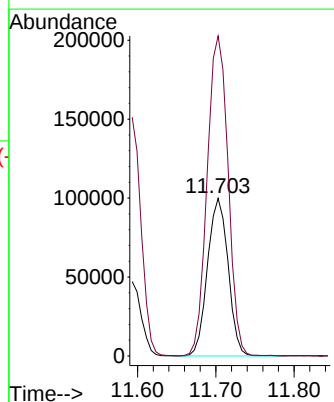
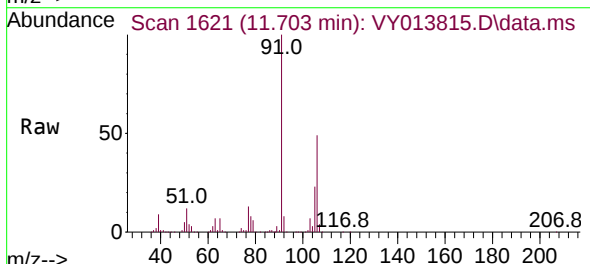
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

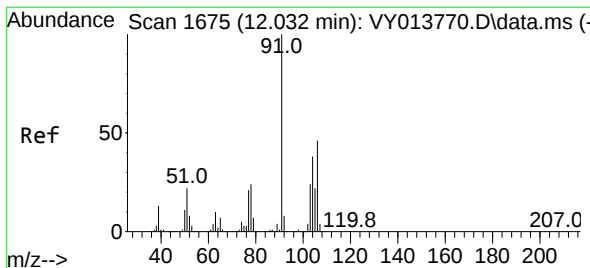
Tgt Ion: 91 Resp: 236716
Ion Ratio Lower Upper
91 100
106 31.2 25.0 37.6



#68
m/p-Xylenes
Concen: 40.273 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 106 Resp: 182387
Ion Ratio Lower Upper
106 100
91 206.3 164.0 246.0





#69

o-Xylene

Concen: 19.572 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

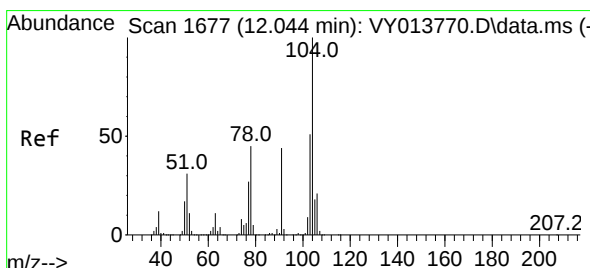
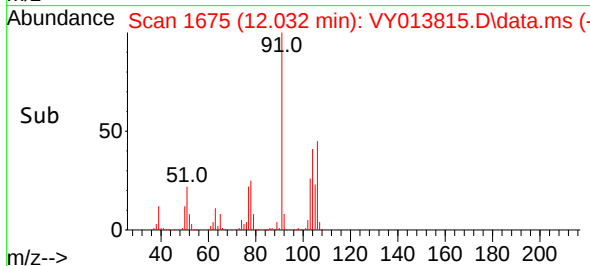
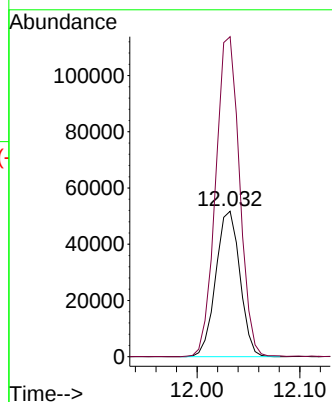
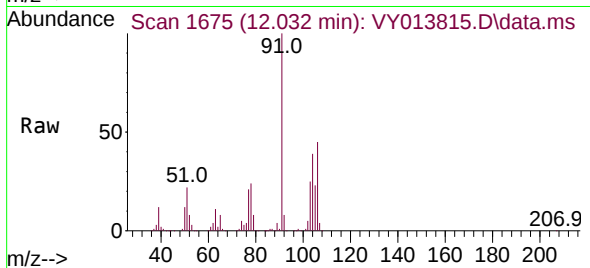
VY0519SBS01

Tgt Ion:106 Resp: 84319

Ion Ratio Lower Upper

106 100

91 218.1 108.4 325.2



#70

Styrene

Concen: 20.258 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

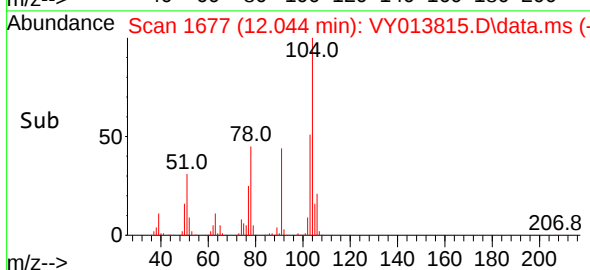
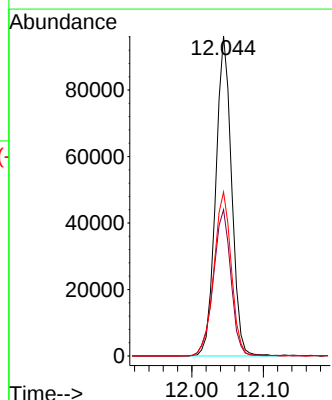
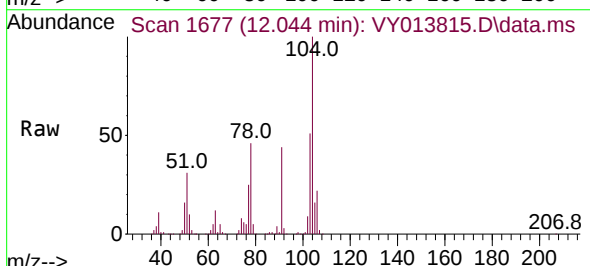
Tgt Ion:104 Resp: 148226

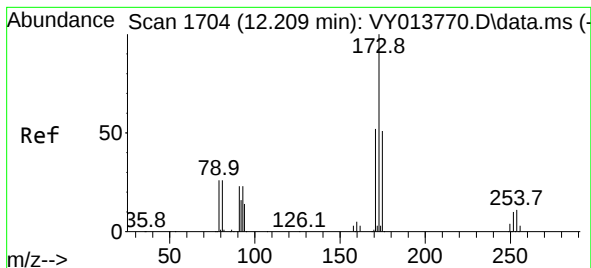
Ion Ratio Lower Upper

104 100

78 50.5 40.6 61.0

103 56.2 44.6 66.8





#71

Bromoform

Concen: 19.484 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

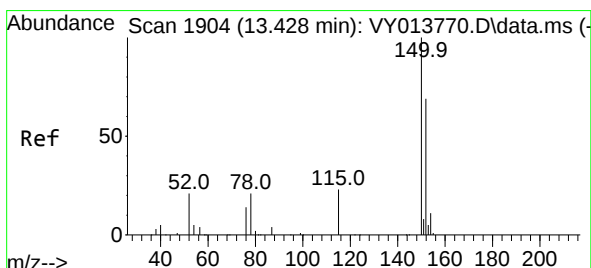
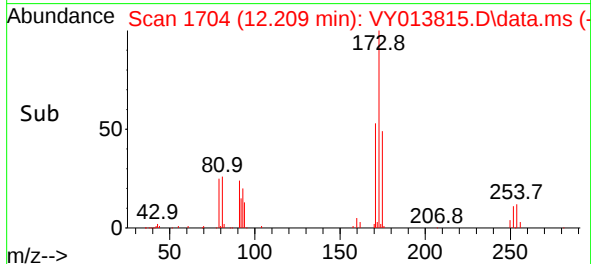
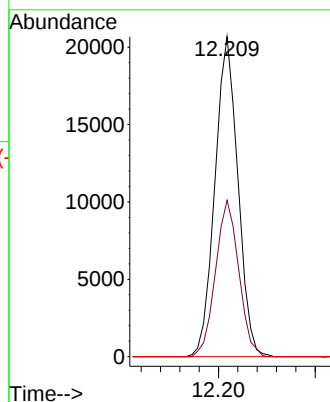
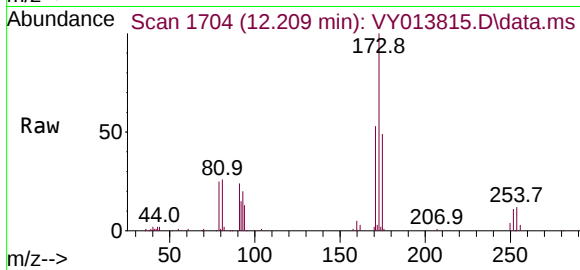
Tgt Ion:173 Resp: 34033

Ion Ratio Lower Upper

173 100

175 49.5 24.9 74.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

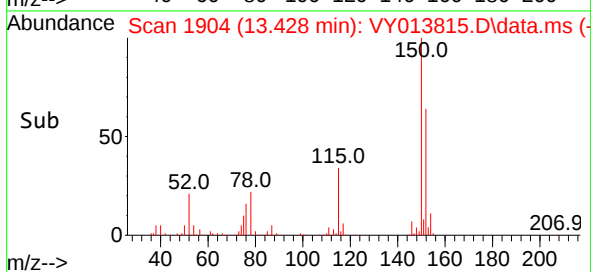
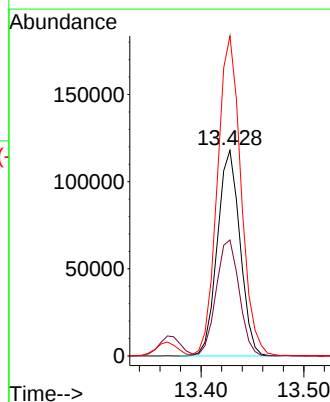
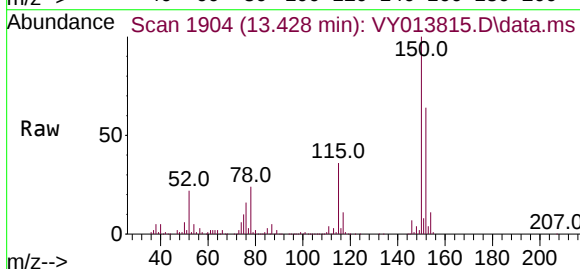
Tgt Ion:152 Resp: 180452

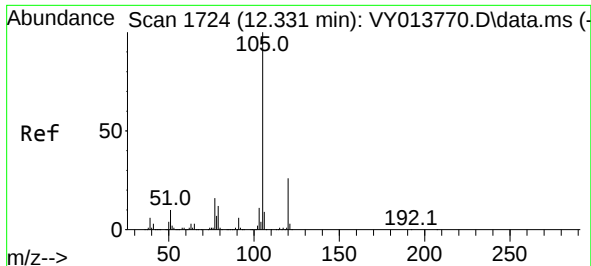
Ion Ratio Lower Upper

152 100

115 57.2 28.5 85.5

150 162.5 0.0 347.0

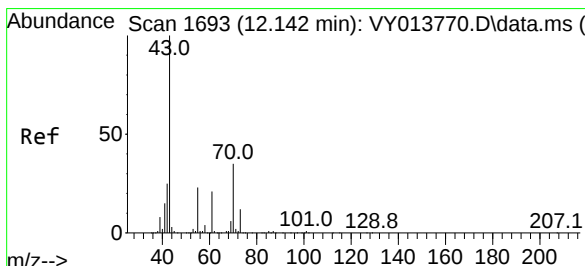
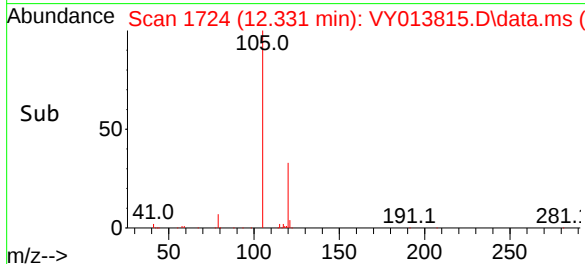
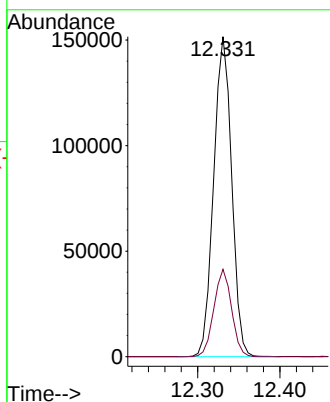
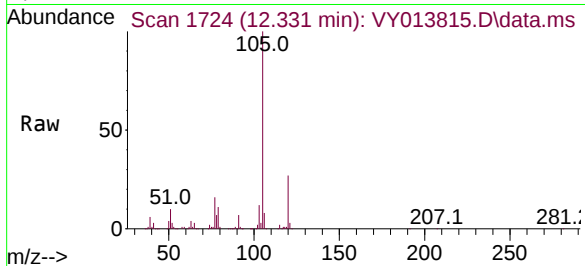




#73
Isopropylbenzene
Concen: 18.866 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

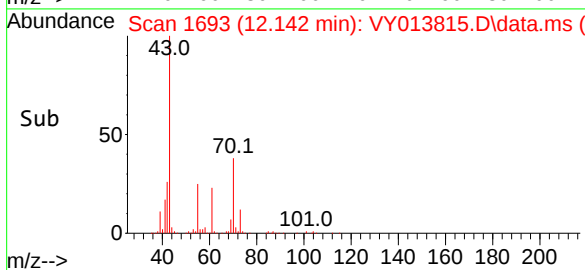
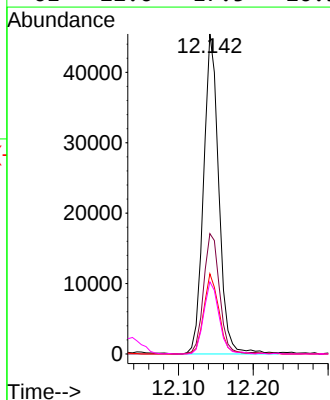
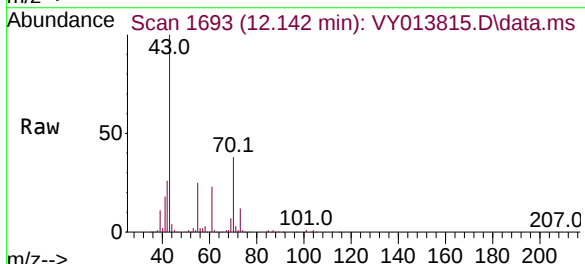
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

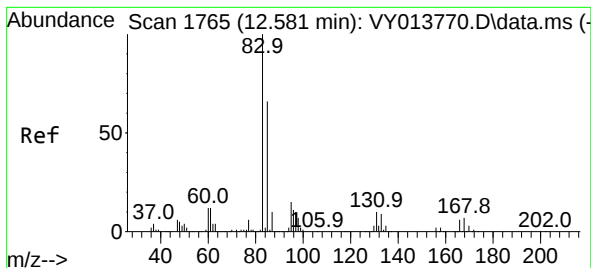
Tgt Ion:105 Resp: 230481
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 15.595 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 43 Resp: 64651
Ion Ratio Lower Upper
43 100
70 39.0 28.8 43.2
55 24.8 18.5 27.7
61 22.6 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 16.942 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

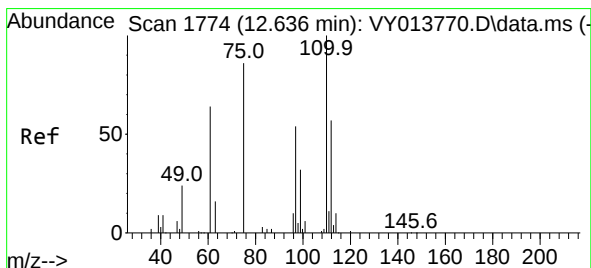
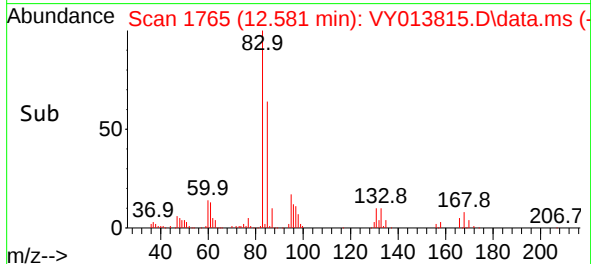
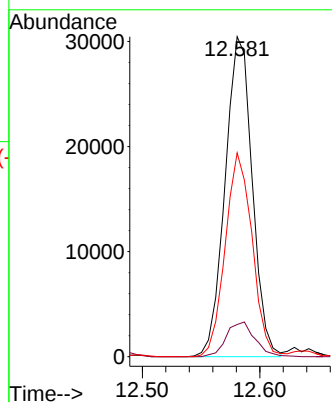
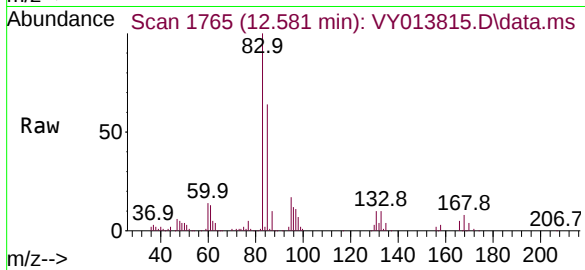
Tgt Ion: 83 Resp: 49030

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.2

85 63.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 29.296 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY013815.D

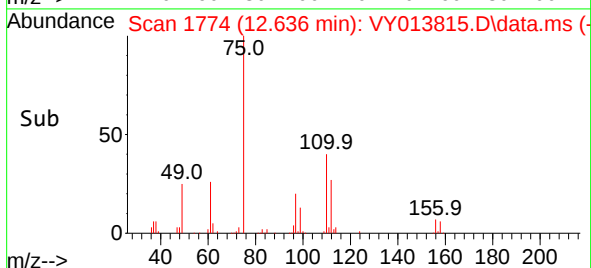
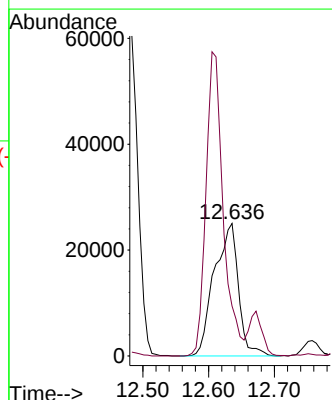
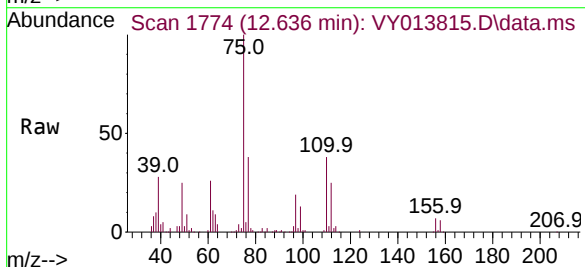
Acq: 19 May 2023 12:52

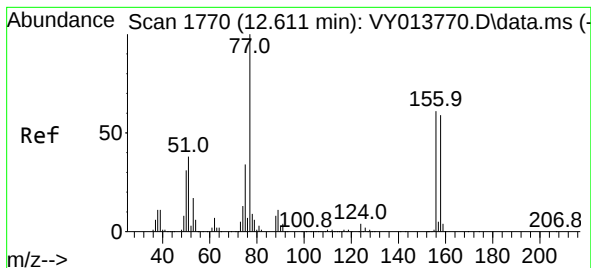
Tgt Ion: 75 Resp: 63982

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.026 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

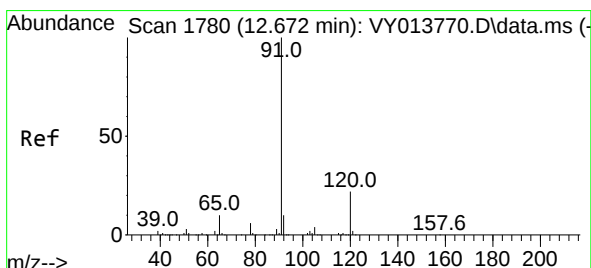
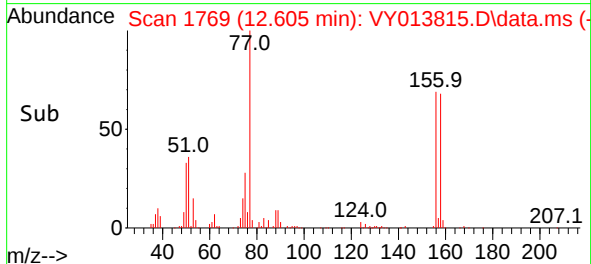
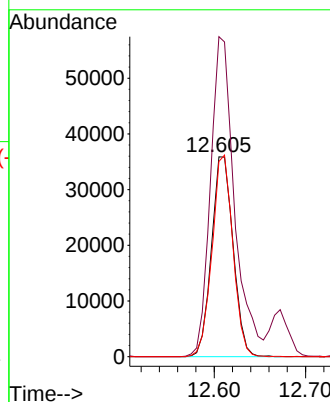
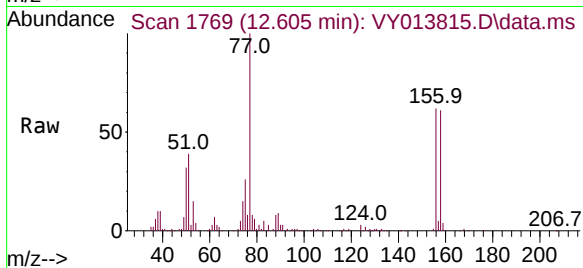
Tgt Ion:156 Resp: 59015

Ion Ratio Lower Upper

156 100

77 178.3 97.1 291.3

158 97.0 49.1 147.3



#78

n-propylbenzene

Concen: 18.961 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013815.D

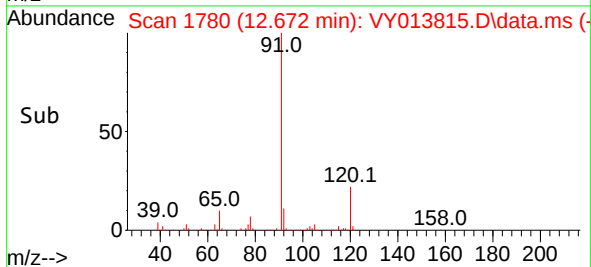
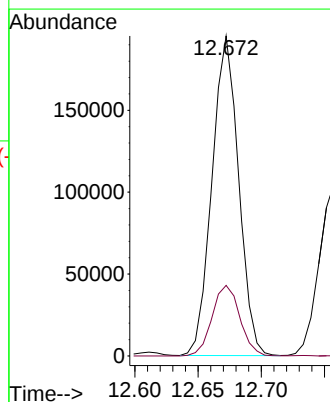
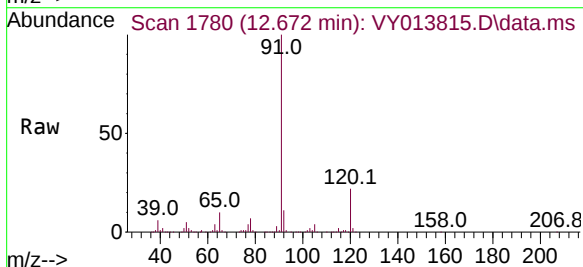
Acq: 19 May 2023 12:52

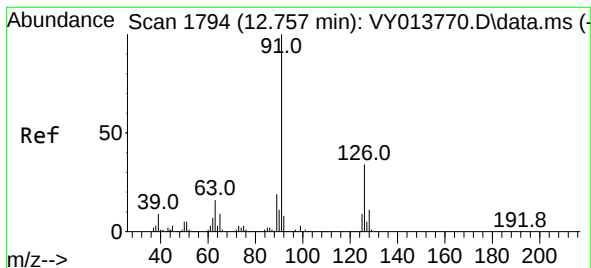
Tgt Ion: 91 Resp: 285340

Ion Ratio Lower Upper

91 100

120 23.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 18.833 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

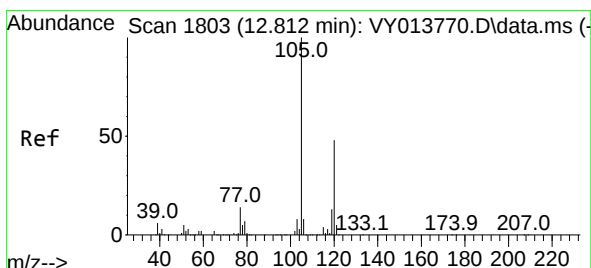
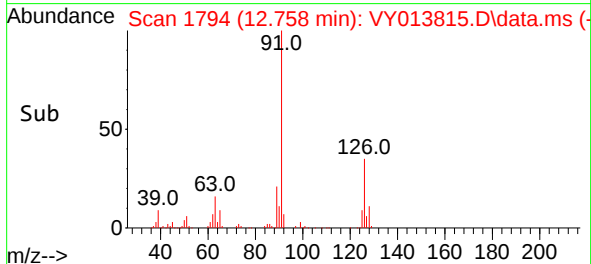
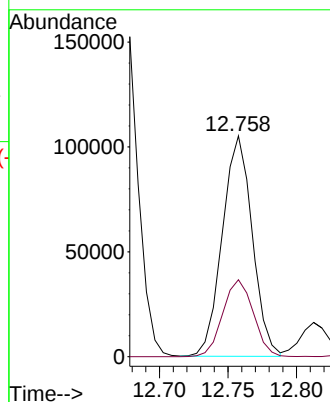
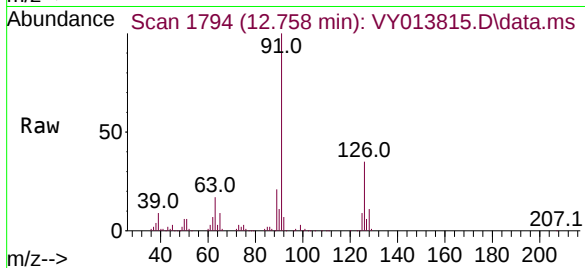
VY0519SBS01

Tgt Ion: 91 Resp: 159954

Ion Ratio Lower Upper

91 100

126 35.6 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.749 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013815.D

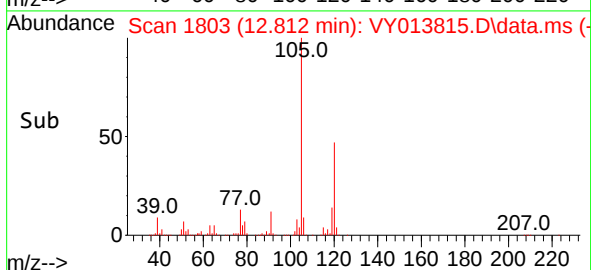
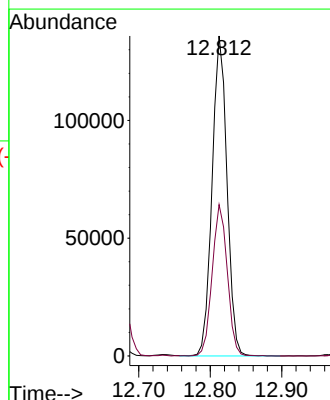
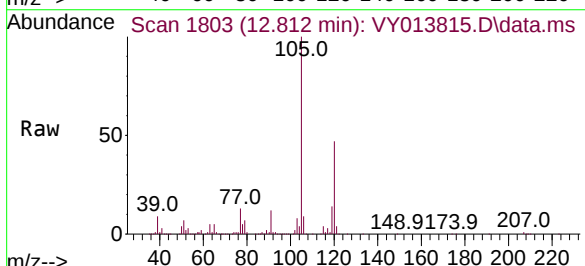
Acq: 19 May 2023 12:52

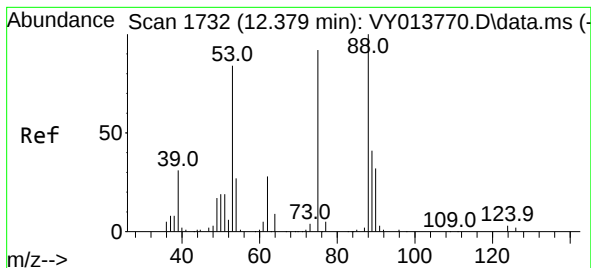
Tgt Ion:105 Resp: 196726

Ion Ratio Lower Upper

105 100

120 47.8 23.8 71.5

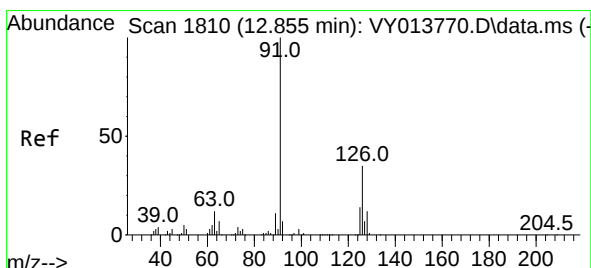
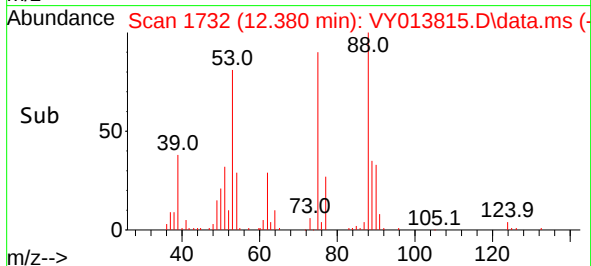
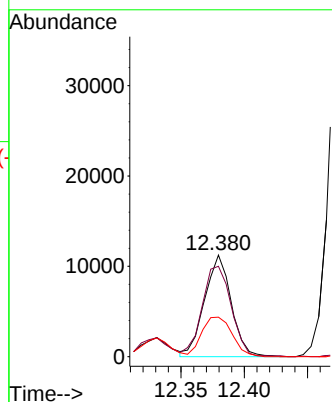
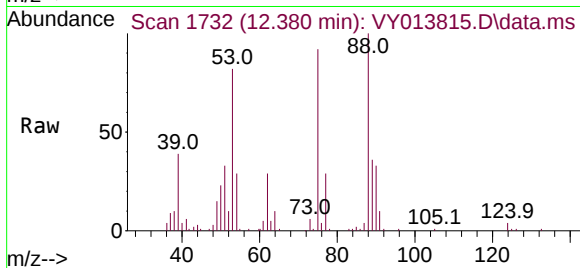




#81
trans-1,4-Dichloro-2-butene
Concen: 16.815 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

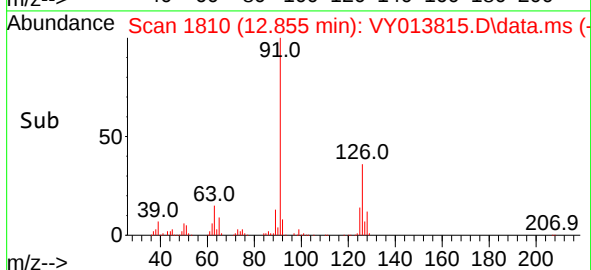
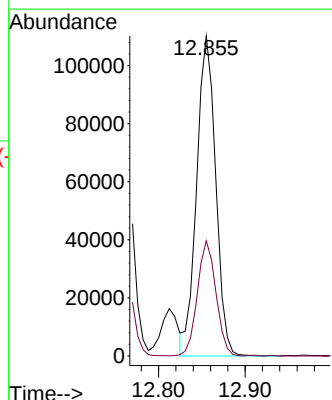
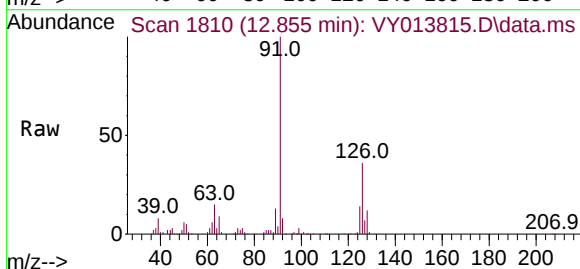
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

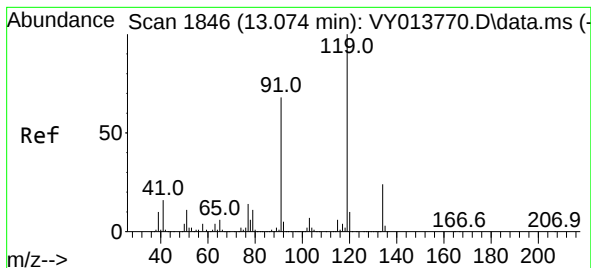
Tgt Ion:	75	Resp:	16495
Ion	Ratio	Lower	Upper
75	100		
53	97.7	75.3	112.9
89	44.3	35.4	53.2



#82
4-Chlorotoluene
Concen: 19.014 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion:	91	Resp:	168218
Ion	Ratio	Lower	Upper
91	100		
126	35.1	16.8	50.4





#83

tert-Butylbenzene

Concen: 19.405 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

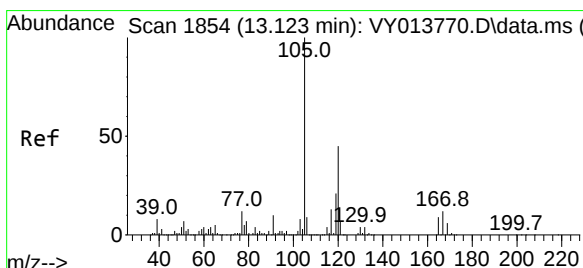
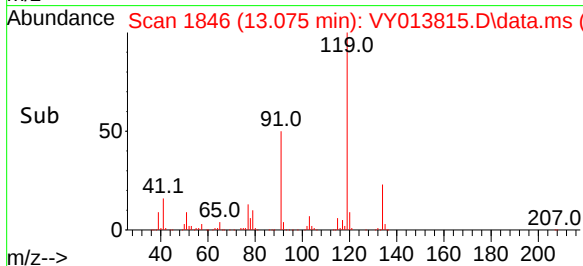
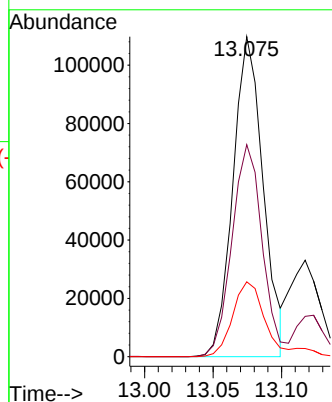
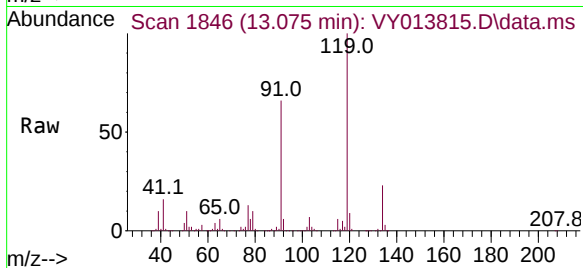
Tgt Ion:119 Resp: 168335

Ion Ratio Lower Upper

119 100

91 67.1 33.3 99.9

134 26.4 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 19.633 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013815.D

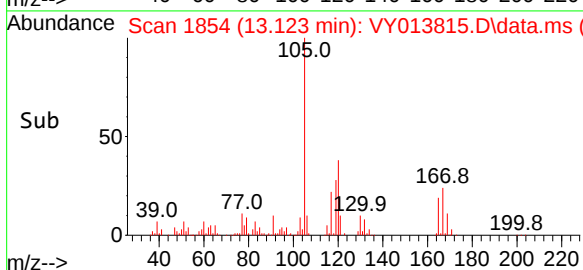
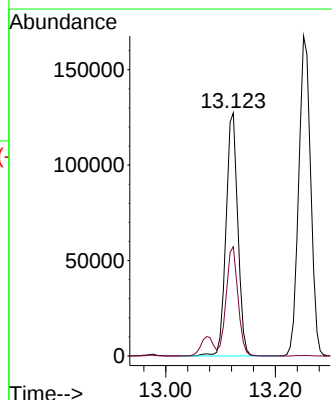
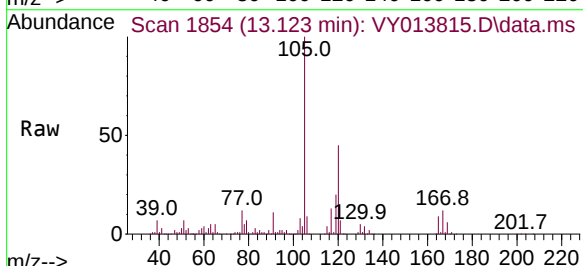
Acq: 19 May 2023 12:52

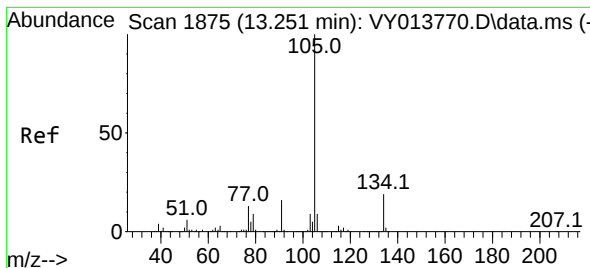
Tgt Ion:105 Resp: 191681

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.243 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

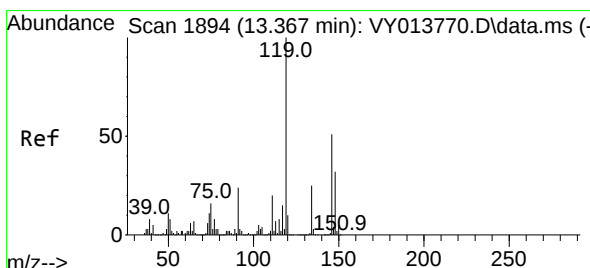
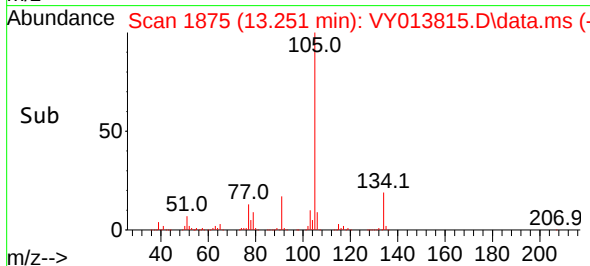
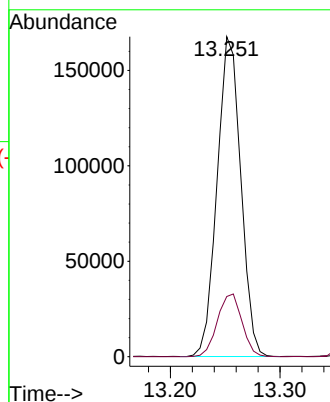
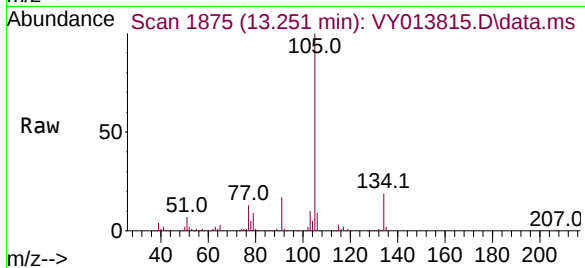
VY0519SBS01

Tgt Ion:105 Resp: 251868

Ion Ratio Lower Upper

105 100

134 20.4 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.777 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

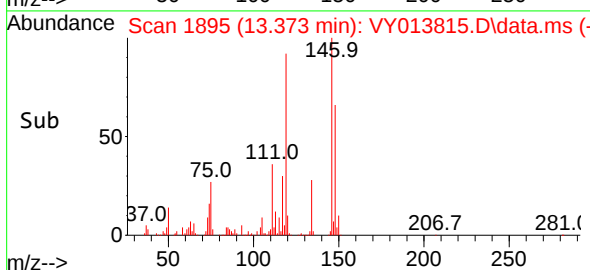
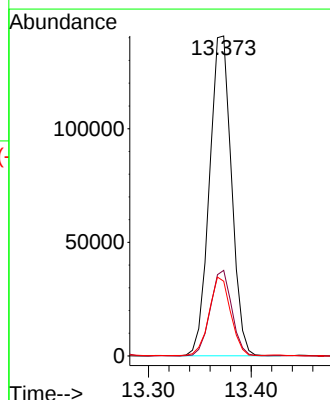
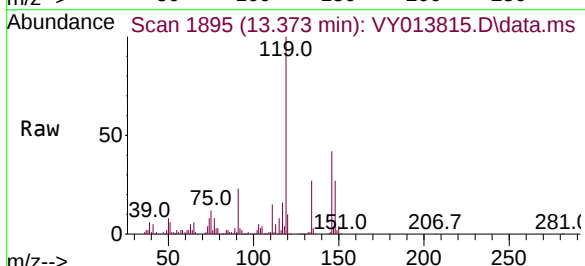
Tgt Ion:119 Resp: 209025

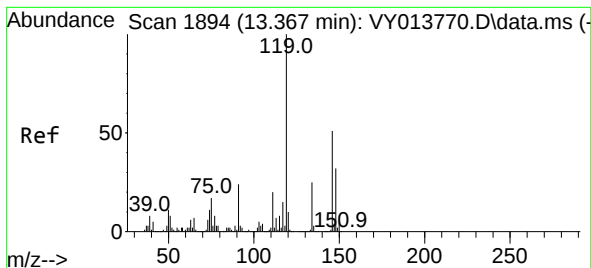
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.699 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

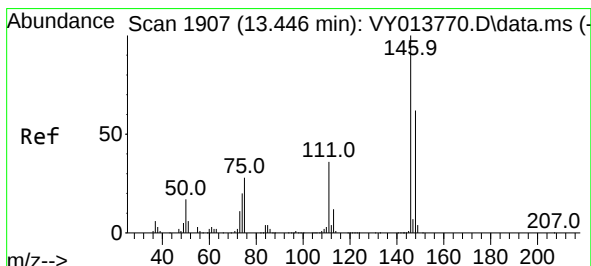
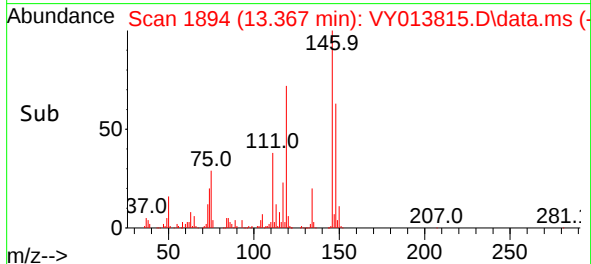
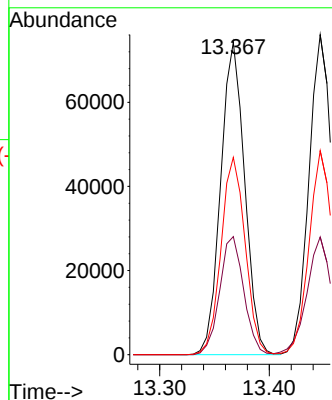
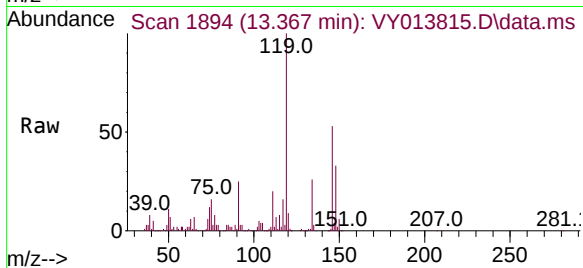
Tgt Ion:146 Resp: 113013

Ion Ratio Lower Upper

146 100

111 37.9 19.7 59.0

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.753 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

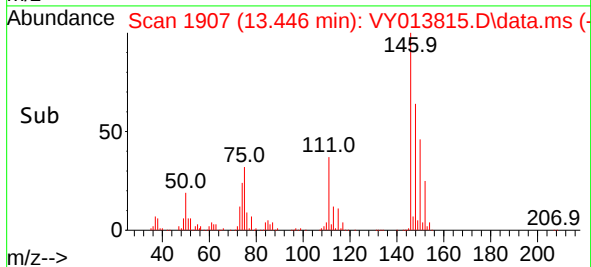
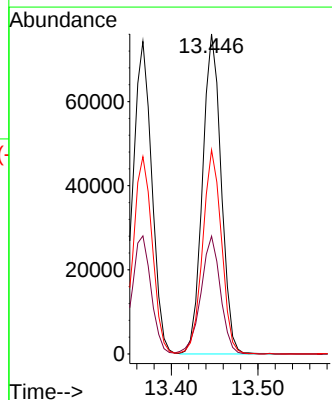
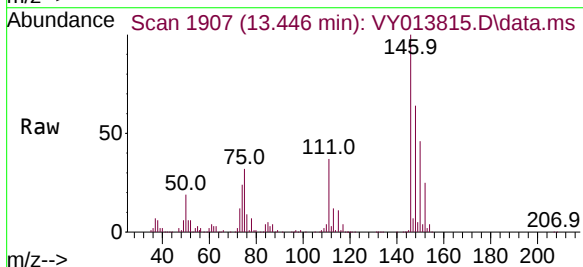
Tgt Ion:146 Resp: 113948

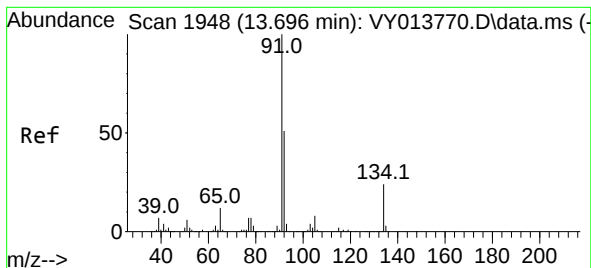
Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 64.2 31.6 94.7





#89

n-Butylbenzene

Concen: 18.881 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

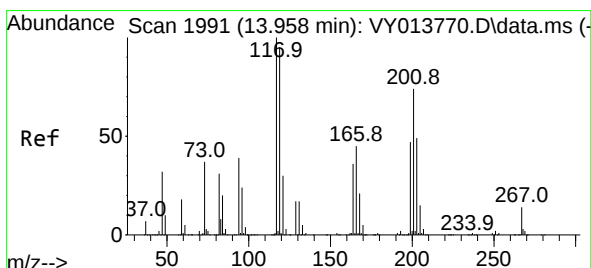
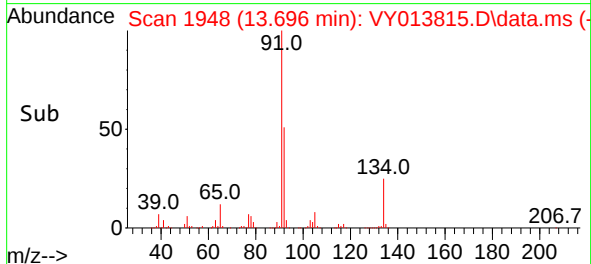
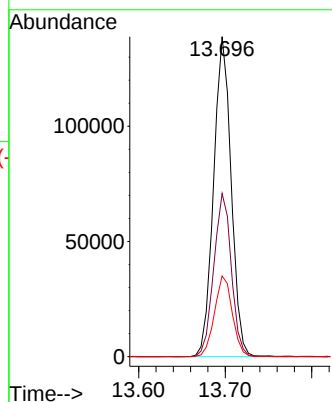
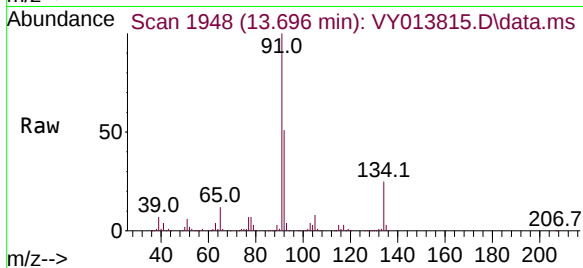
Tgt Ion: 91 Resp: 195640

Ion Ratio Lower Upper

91 100

92 51.0 25.4 76.4

134 25.6 12.2 36.6



#90

Hexachloroethane

Concen: 18.625 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013815.D

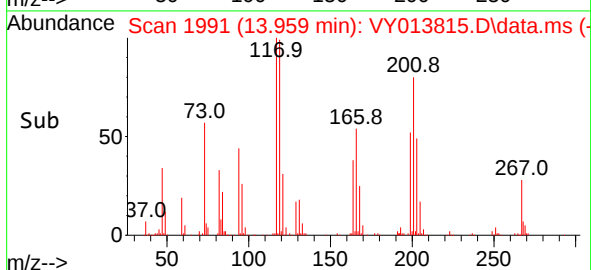
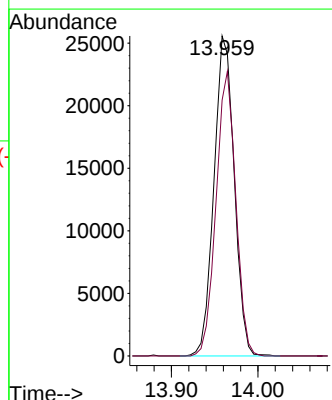
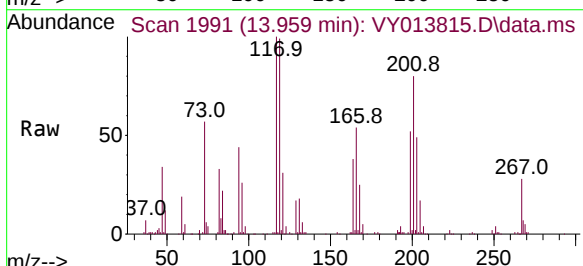
Acq: 19 May 2023 12:52

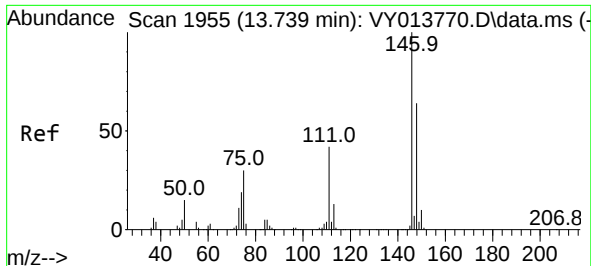
Tgt Ion: 117 Resp: 41598

Ion Ratio Lower Upper

117 100

201 86.4 39.2 117.6

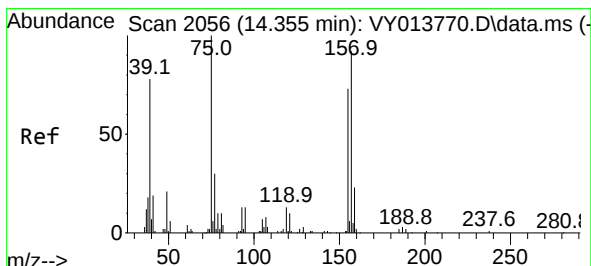
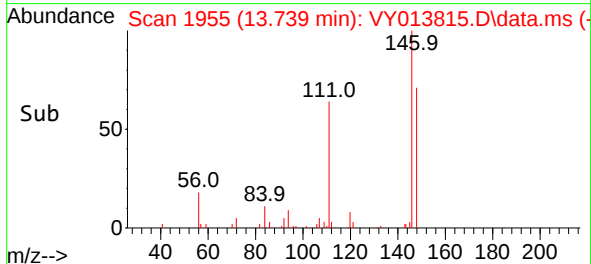
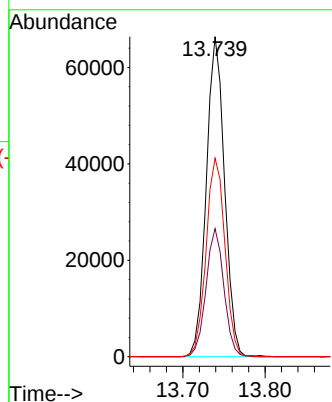
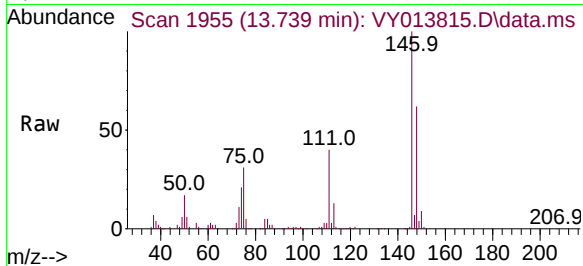




#91
1,2-Dichlorobenzene
Concen: 20.012 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

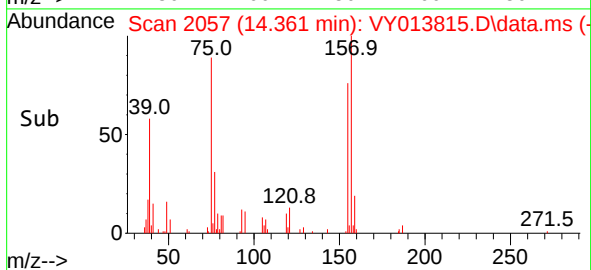
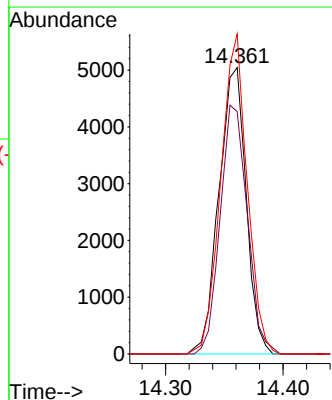
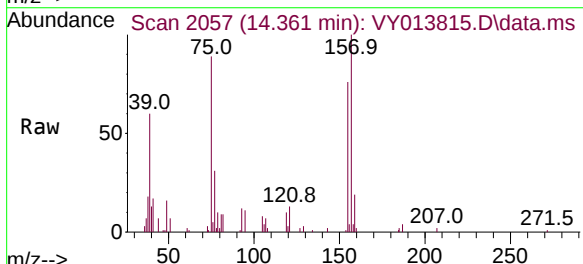
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

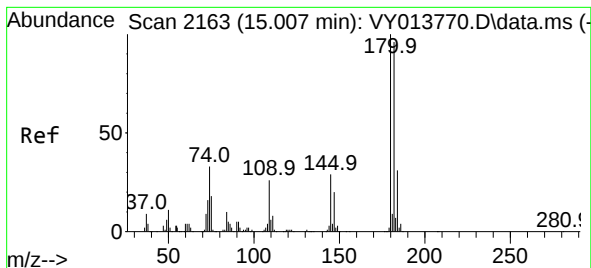
Tgt Ion:146 Resp: 102237
Ion Ratio Lower Upper
146 100
111 39.3 20.0 59.9
148 64.2 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.267 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013815.D
Acq: 19 May 2023 12:52

Tgt Ion: 75 Resp: 8097
Ion Ratio Lower Upper
75 100
155 86.8 39.1 117.3
157 108.6 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 20.041 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

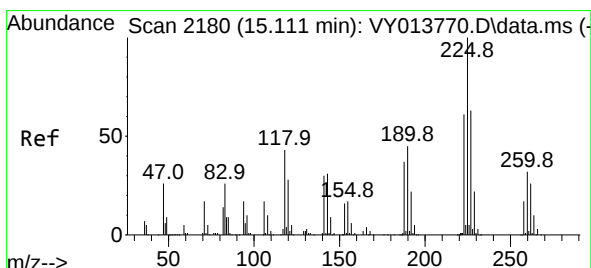
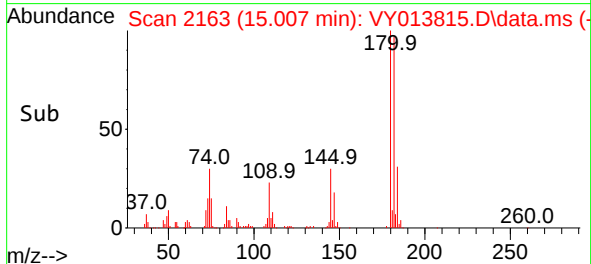
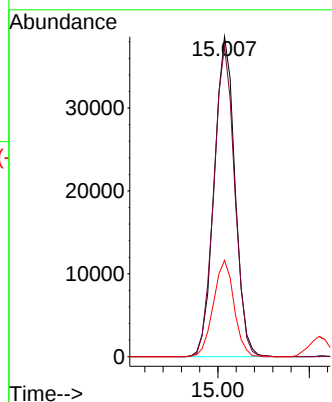
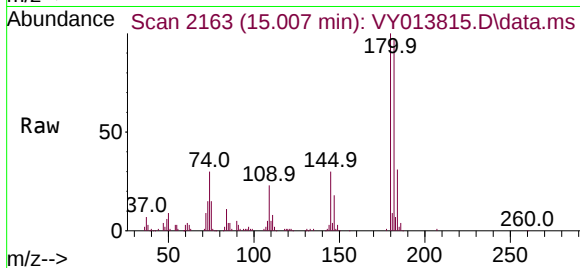
Tgt Ion:180 Resp: 60756

Ion Ratio Lower Upper

180 100

182 97.3 47.4 142.3

145 30.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 21.349 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

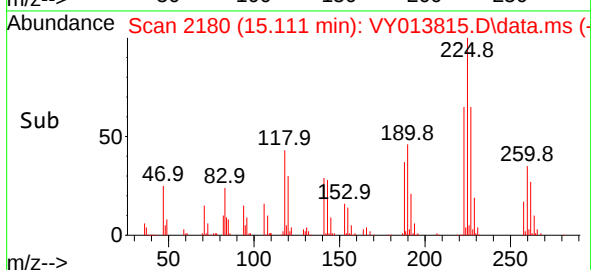
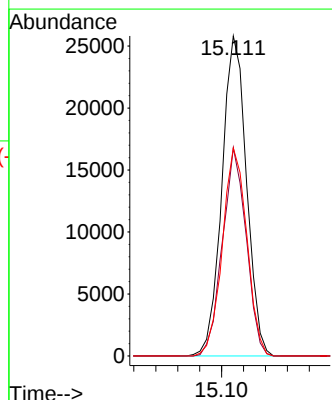
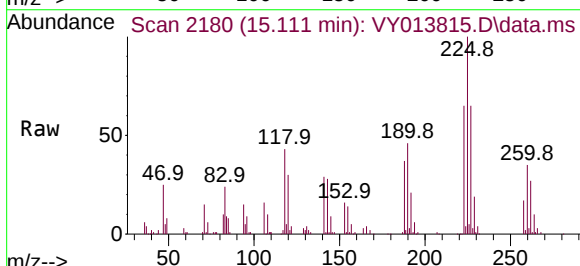
Tgt Ion:225 Resp: 40206

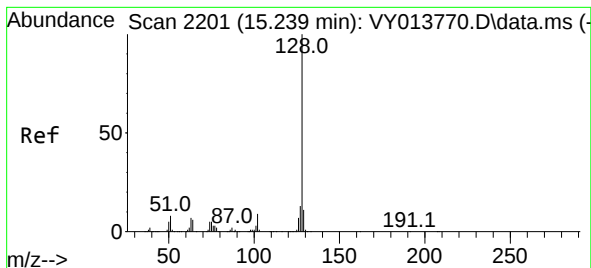
Ion Ratio Lower Upper

225 100

223 62.7 30.6 91.6

227 64.5 31.6 94.7





#95

Naphthalene

Concen: 18.440 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

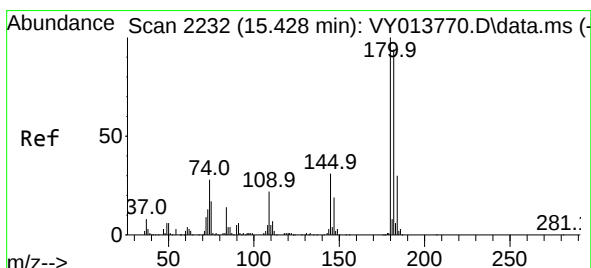
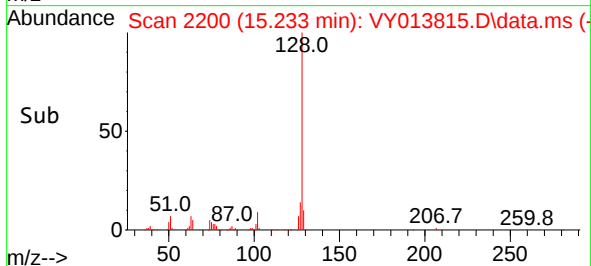
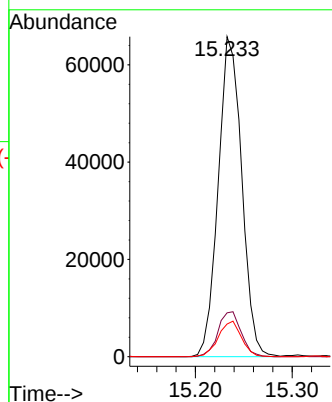
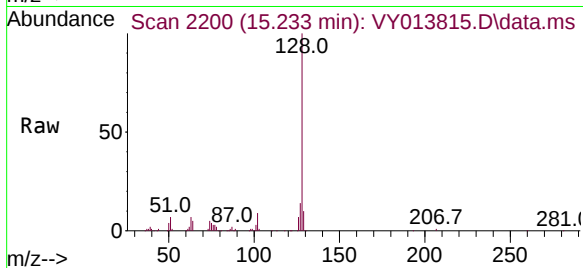
Tgt Ion:128 Resp: 110956

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.564 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013815.D

Acq: 19 May 2023 12:52

Tgt Ion:180 Resp: 53363

Ion Ratio Lower Upper

180 100

182 96.5 47.8 143.4

145 30.7 15.6 46.7

