

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010058.D
 Acq On : 17 Aug 2022 10:56
 Operator : KP/MD
 Sample : VY0817SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBS01

Quant Time: Aug 17 14:56:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	100830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	140840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49433	49.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.060%
35) Dibromofluoromethane	7.715	113	48985	53.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.178	98	174699	51.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.483	95	63225	53.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	16233	19.667	ug/l	99
3) Chloromethane	2.107	50	18979	16.780	ug/l	99
4) Vinyl Chloride	2.241	62	24914	17.373	ug/l	98
5) Bromomethane	2.637	94	22362	19.104	ug/l	97
6) Chloroethane	2.783	64	17858	18.082	ug/l	96
7) Trichlorofluoromethane	3.119	101	33927	19.916	ug/l	99
8) Diethyl Ether	3.515	74	8856	18.561	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	18174	20.118	ug/l	99
10) Methyl Iodide	4.082	142	17023	15.919	ug/l	98
11) Tert butyl alcohol	4.954	59	10794	110.094	ug/l	95
12) 1,1-Dichloroethene	3.856	96	14426	17.448	ug/l	99
13) Acrolein	3.716	56	6028	89.575	ug/l	95
14) Allyl chloride	4.472	41	20437	16.820	ug/l	100
15) Acrylonitrile	5.155	53	20877	92.799	ug/l	98
16) Acetone	3.942	43	21534	99.723	ug/l	93
17) Carbon Disulfide	4.179	76	32599	13.765	ug/l	99
18) Methyl Acetate	4.472	43	10766	18.308	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	43103	18.974	ug/l	100
20) Methylene Chloride	4.704	84	20922	18.844	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	16465	17.316	ug/l	97
22) Diisopropyl ether	6.112	45	47916	20.050	ug/l	98
23) Vinyl Acetate	6.051	43	145179	96.270	ug/l	99
24) 1,1-Dichloroethane	6.002	63	29527	19.454	ug/l	99
25) 2-Butanone	6.978	43	29055	98.354	ug/l	93
26) 2,2-Dichloropropane	6.978	77	31841	19.962	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	19132	18.297	ug/l	96
28) Bromochloromethane	7.325	49	9980	15.802	ug/l	86
29) Tetrahydrofuran	7.344	42	16294	84.917	ug/l	96
30) Chloroform	7.502	83	35295	19.015	ug/l	99
31) Cyclohexane	7.782	56	22030	15.465	ug/l #	90
32) 1,1,1-Trichloroethane	7.697	97	33875	20.132	ug/l	99
36) 1,1-Dichloropropene	7.910	75	22281	17.512	ug/l	97
37) Ethyl Acetate	7.069	43	11040	17.230	ug/l #	92
38) Carbon Tetrachloride	7.892	117	31277	19.988	ug/l	98
39) Methylcyclohexane	9.179	83	24479	17.076	ug/l	94
40) Benzene	8.154	78	67041	18.011	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	15794	47.722	ug/l #	79
42) 1,2-Dichloroethane	8.228	62	22526	19.422	ug/l	100
43) Isopropyl Acetate	8.264	43	21558	17.726	ug/l #	87
44) Trichloroethene	8.935	130	21632	19.227	ug/l	100
45) 1,2-Dichloropropane	9.209	63	16035	18.219	ug/l	98
46) Dibromomethane	9.300	93	11233	19.928	ug/l	98
47) Bromodichloromethane	9.496	83	26880	19.770	ug/l	94
48) Methyl methacrylate	9.294	41	9139	17.270	ug/l	91
49) 1,4-Dioxane	9.294	88	2548	439.656	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	60115	89.592	ug/l	96
52) Toluene	10.239	92	44424	18.517	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	24666	18.837	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	27518	19.212	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	15917	20.444	ug/l	98
56) Ethyl methacrylate	10.508	69	16200	18.003	ug/l	97
57) 1,3-Dichloropropane	10.788	76	23359	18.741	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	42793	109.889	ug/l	98
59) 2-Hexanone	10.831	43	40735	94.104	ug/l	95
60) Dibromochloromethane	10.983	129	21068	20.430	ug/l	99
61) 1,2-Dibromoethane	11.087	107	14843	19.562	ug/l	100
64) Tetrachloroethene	10.715	164	21775	19.014	ug/l	96
65) Chlorobenzene	11.514	112	54025	19.324	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	21817	19.695	ug/l	98
67) Ethyl Benzene	11.593	91	88922	18.971	ug/l	98
68) m/p-Xylenes	11.703	106	72532	38.954	ug/l	98
69) o-Xylene	12.032	106	32933	18.932	ug/l	97
70) Styrene	12.044	104	56855	19.369	ug/l	99
71) Bromoform	12.209	173	14005	20.181	ug/l #	99
73) Isopropylbenzene	12.330	105	89141	19.067	ug/l	96
74) N-amyl acetate	12.141	43	19894	18.312	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.580	83	17507	18.837	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	23414	33.023	ug/l #	100
77) Bromobenzene	12.605	156	24506	19.731	ug/l	92
78) n-propylbenzene	12.672	91	108538	18.831	ug/l	98
79) 2-Chlorotoluene	12.757	91	61494	18.867	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	80054	19.656	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	5546	17.677	ug/l	94
82) 4-Chlorotoluene	12.855	91	65254	19.139	ug/l	97
83) tert-Butylbenzene	13.074	119	69719	19.482	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	79315	19.834	ug/l	97
85) sec-Butylbenzene	13.251	105	100501	19.226	ug/l	97
86) p-Isopropyltoluene	13.367	119	87355	19.499	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	49559	19.595	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	49882	19.536	ug/l	99
89) n-Butylbenzene	13.696	91	75034	18.800	ug/l	99
90) Hexachloroethane	13.958	117	17869	19.678	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	44531	19.797	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.354	75	3042	19.043	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	26567	19.769	ug/l	98
94) Hexachlorobutadiene	15.110	225	18203	21.166	ug/l	96
95) Naphthalene	15.238	128	45276	19.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	23388	19.774	ug/l	99

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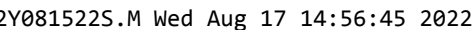
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

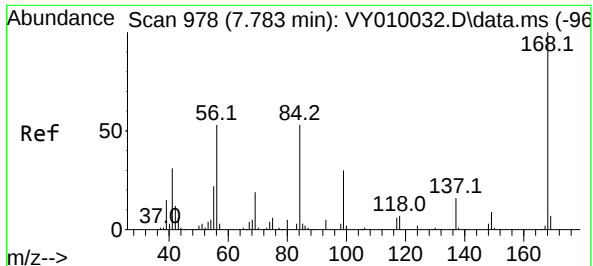
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

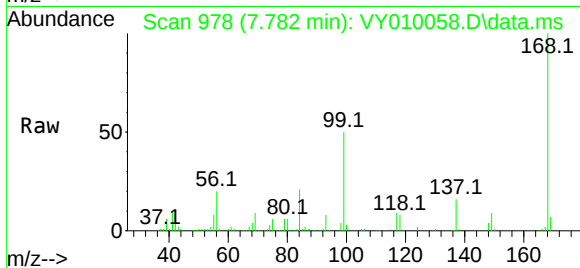
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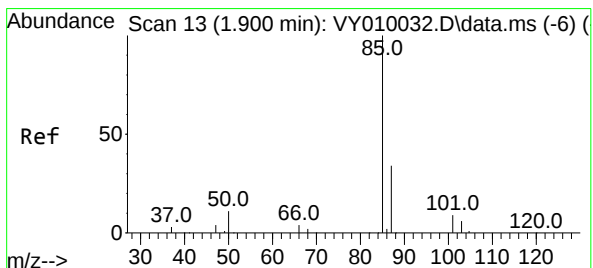
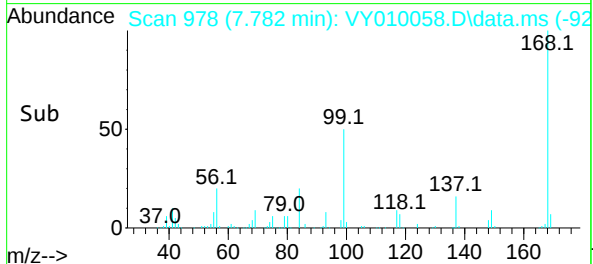
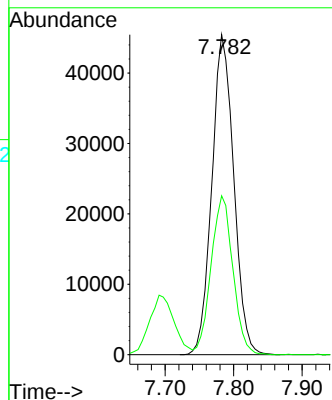


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
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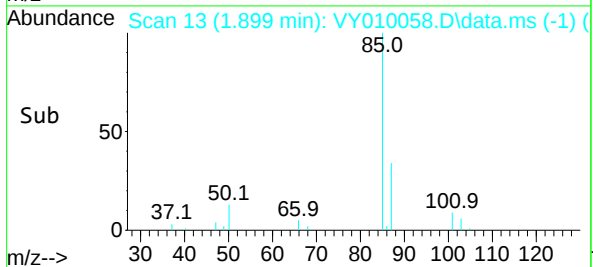
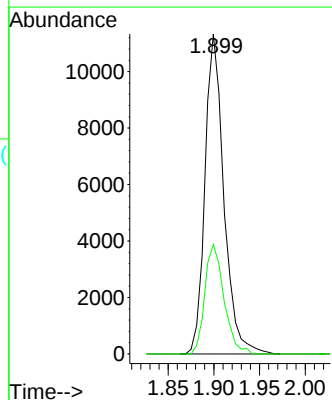
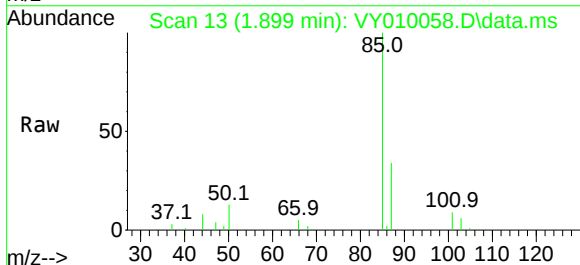


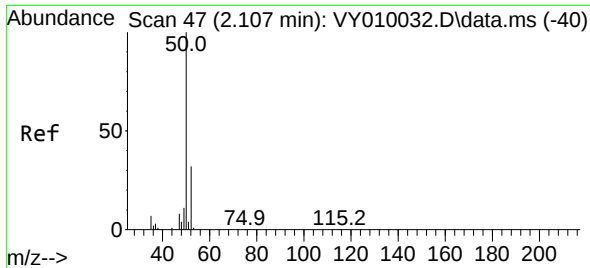
Tgt Ion:168 Resp: 100830
Ion Ratio Lower Upper
168 100
99 49.6 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 19.667 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 85 Resp: 16233
Ion Ratio Lower Upper
85 100
87 34.3 16.9 50.7

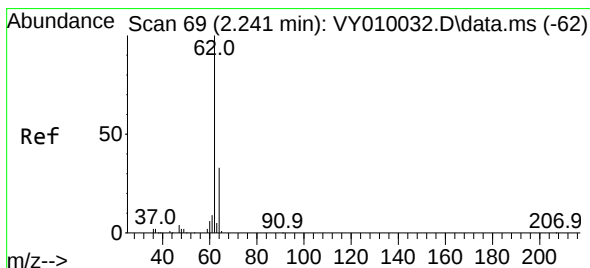
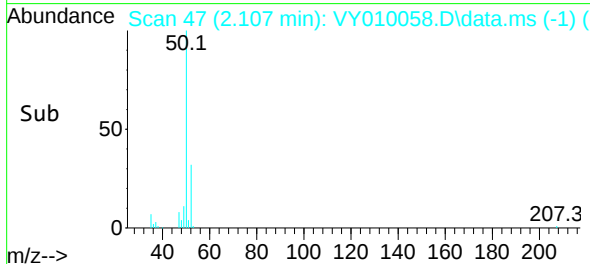
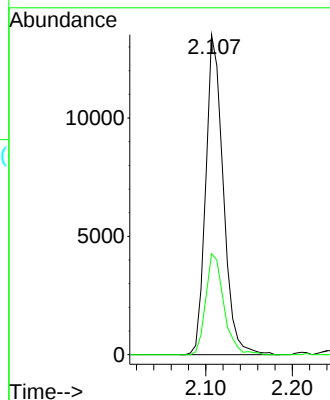
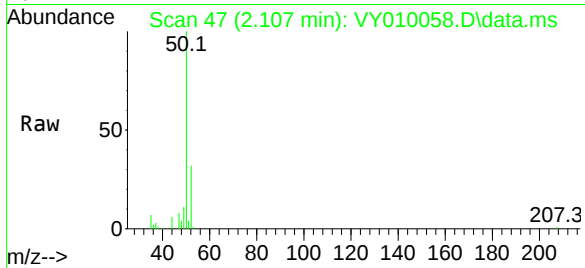




#3
Chloromethane
Concen: 16.780 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

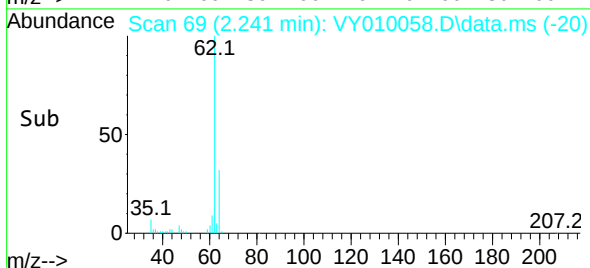
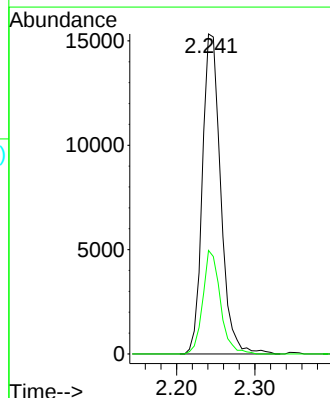
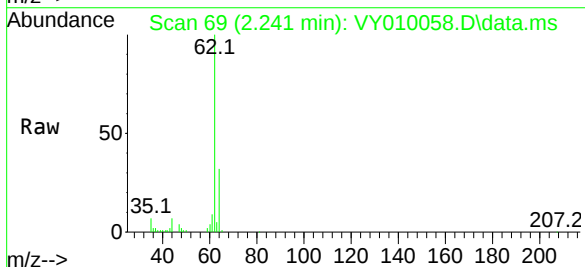
Instrument :
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ClientSampleId :
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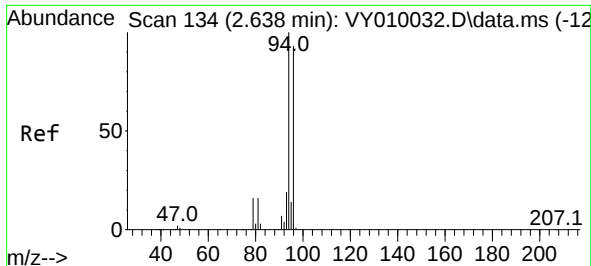
Tgt Ion: 50 Resp: 18979
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3



#4
Vinyl Chloride
Concen: 17.373 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 62 Resp: 24914
Ion Ratio Lower Upper
62 100
64 32.3 26.6 39.8

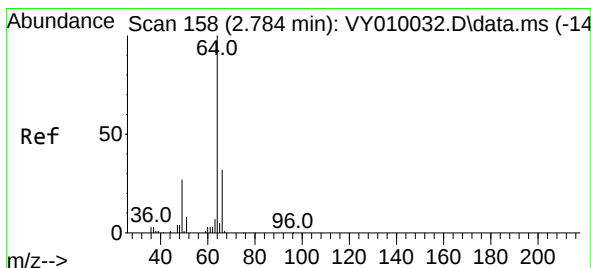
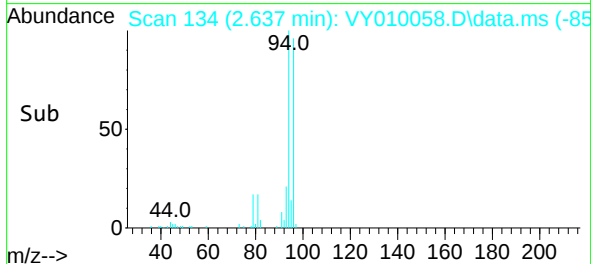
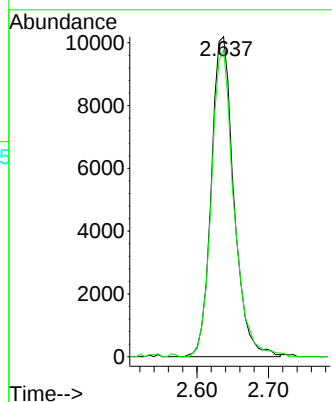
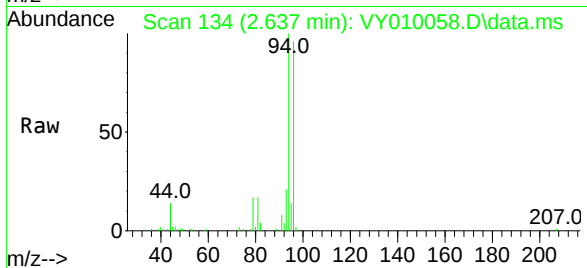




#5
Bromomethane
Concen: 19.104 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

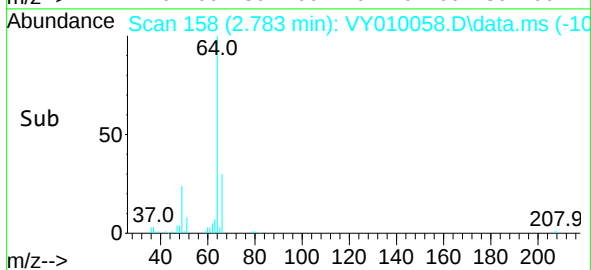
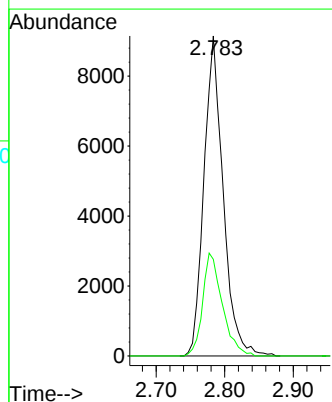
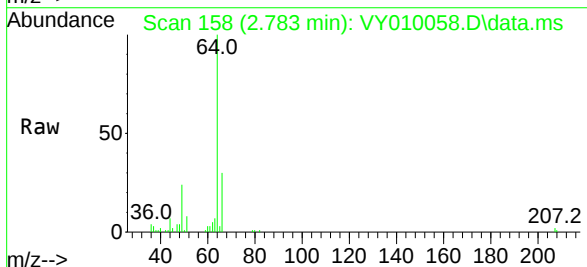
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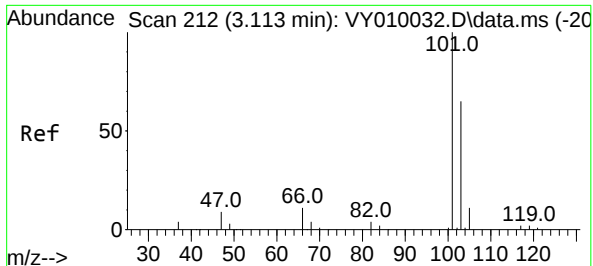
Tgt Ion: 94 Resp: 22362
Ion Ratio Lower Upper
94 100
96 95.8 74.2 111.2



#6
Chloroethane
Concen: 18.082 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 64 Resp: 17858
Ion Ratio Lower Upper
64 100
66 30.2 26.0 39.0

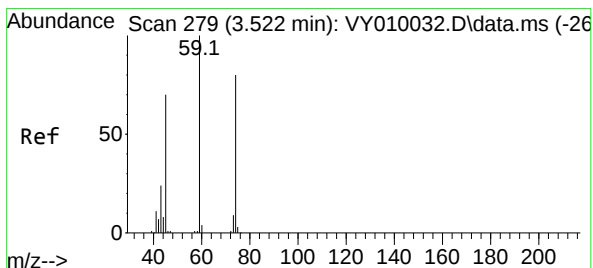
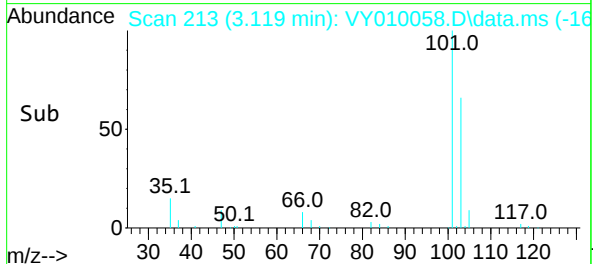
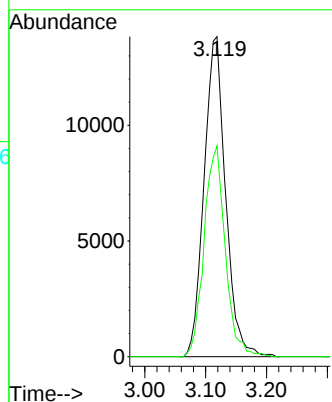
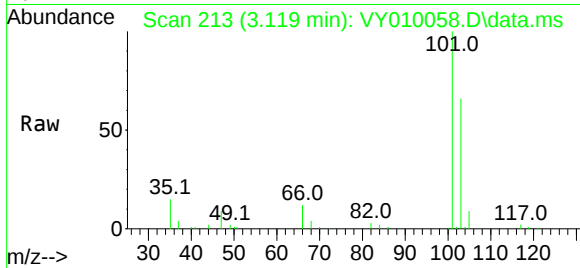




#7
 Trichlorofluoromethane
 Concen: 19.916 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

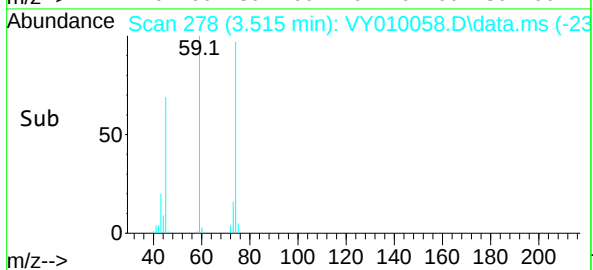
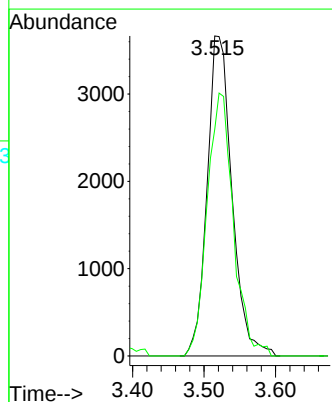
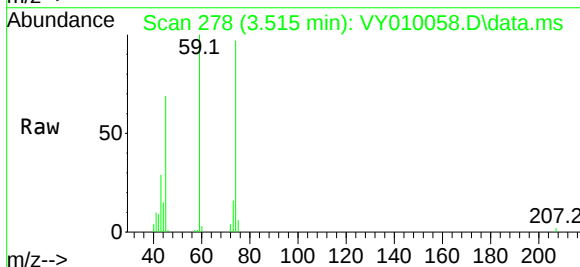
Instrument :
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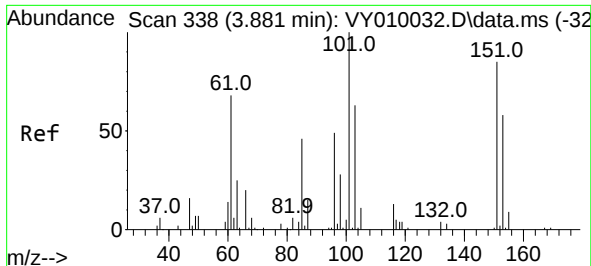
Tgt Ion:101 Resp: 33927
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.1 78.1



#8
 Diethyl Ether
 Concen: 18.561 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.007 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

Tgt Ion: 74 Resp: 8856
 Ion Ratio Lower Upper
 74 100
 45 86.5 46.4 139.1

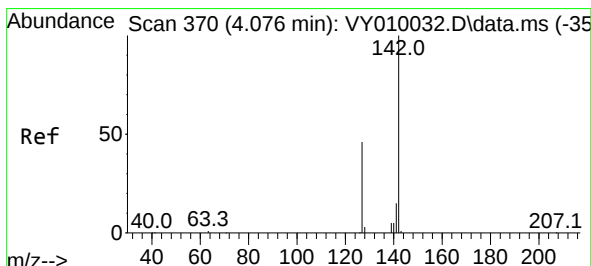
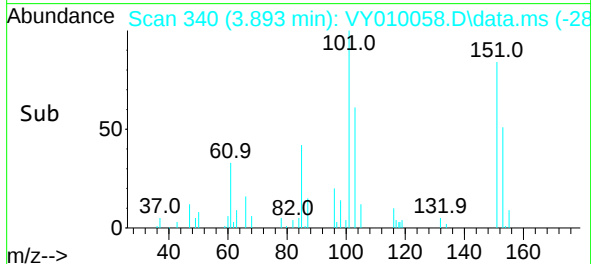
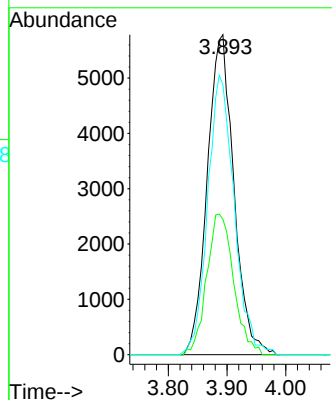
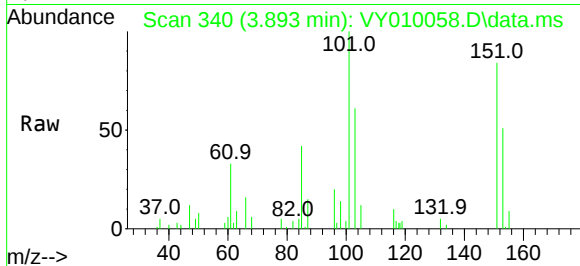




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.118 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

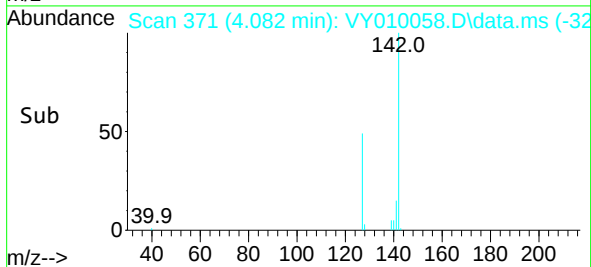
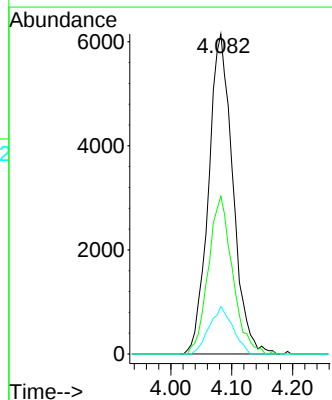
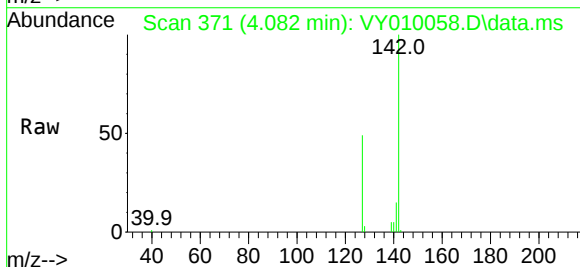
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

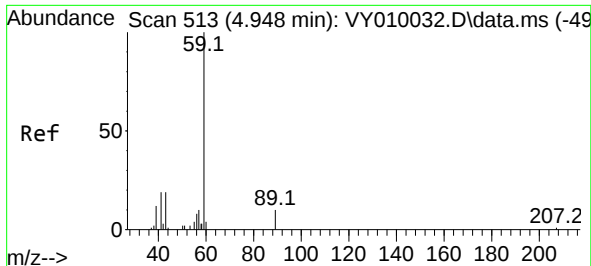
Tgt Ion:101 Resp: 18174
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 87.2 68.6 102.8



#10
Methyl Iodide
Concen: 15.919 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion:142 Resp: 17023
Ion Ratio Lower Upper
142 100
127 48.9 37.9 56.9
141 14.3 11.6 17.4

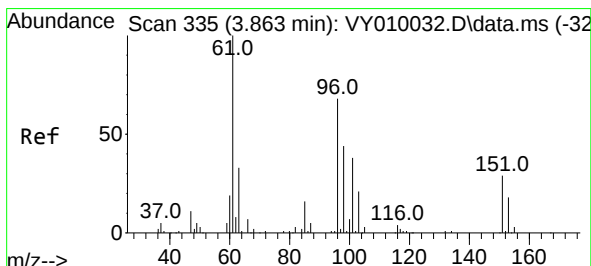
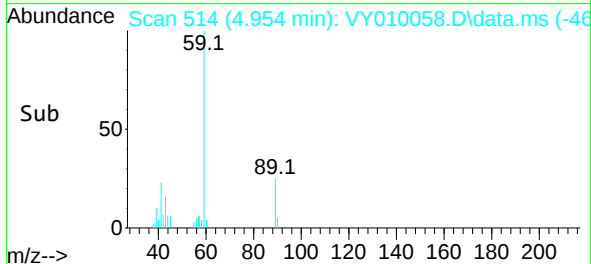
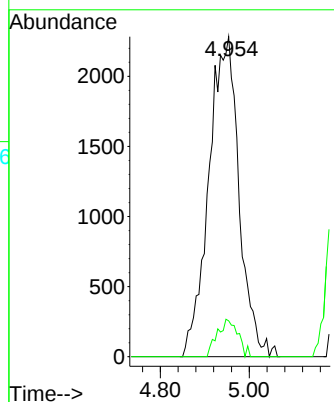
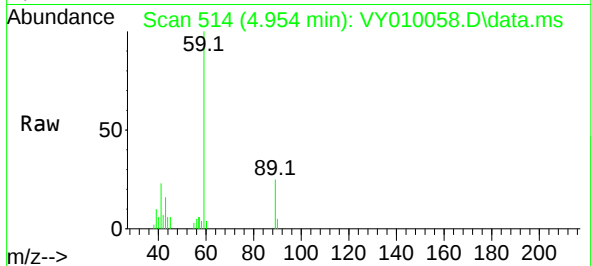




#11
Tert butyl alcohol
Concen: 110.094 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

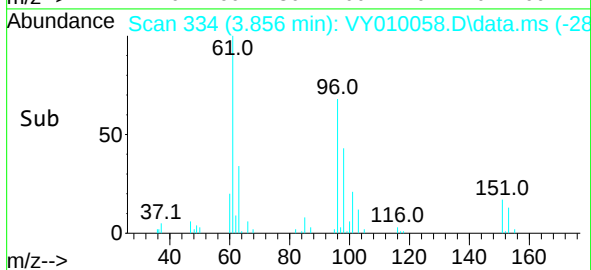
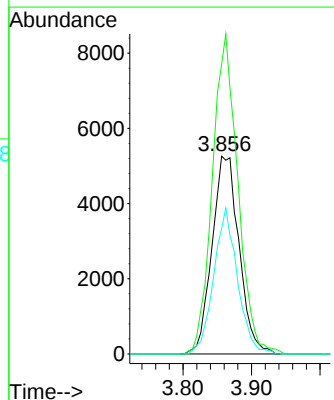
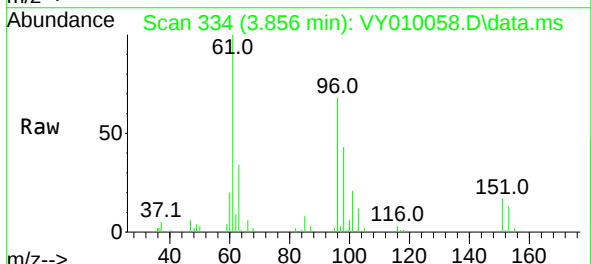
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

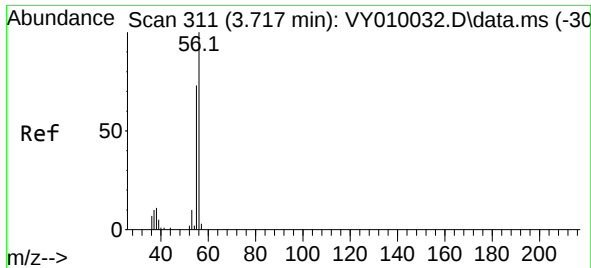
Tgt Ion: 59 Resp: 10794
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 17.448 ug/l
RT: 3.856 min Scan# 334
Delta R.T. -0.007 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 96 Resp: 14426
Ion Ratio Lower Upper
96 100
61 146.5 117.8 176.8
98 63.5 51.9 77.9





#13

Acrolein

Concen: 89.575 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

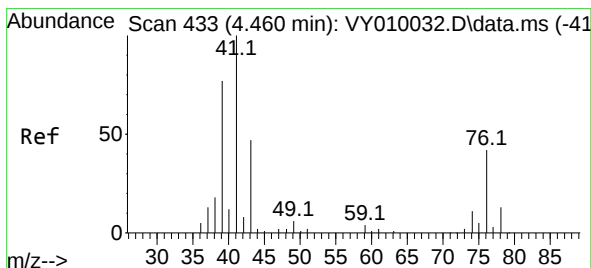
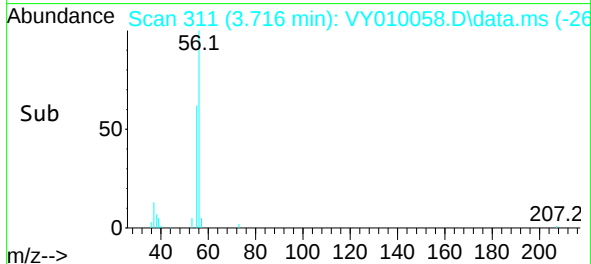
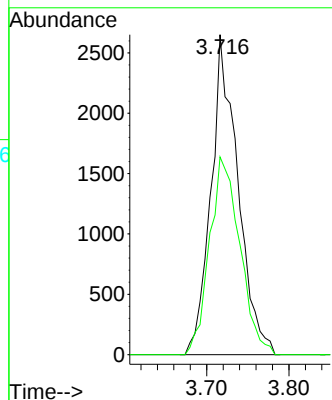
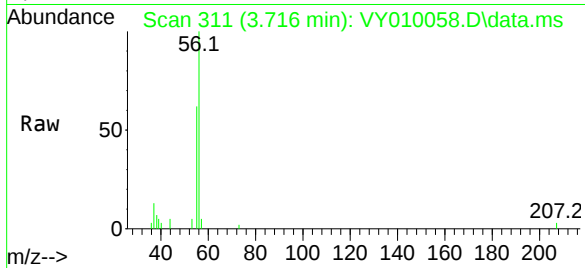
VY0817SBS01

Tgt Ion: 56 Resp: 6028

Ion Ratio Lower Upper

56 100

55 69.6 59.4 89.0



#14

Allyl chloride

Concen: 16.820 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.012 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

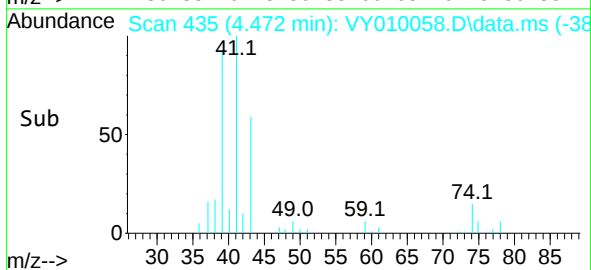
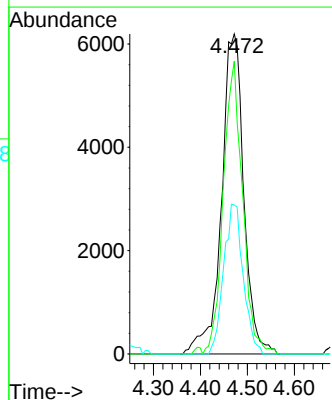
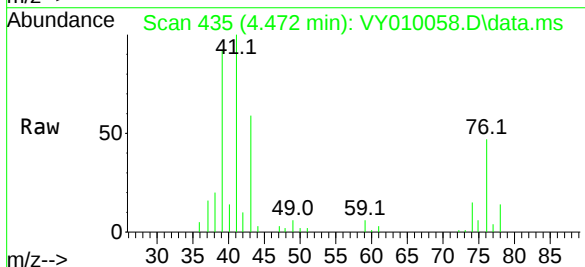
Tgt Ion: 41 Resp: 20437

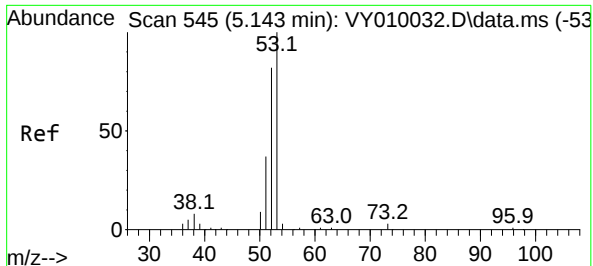
Ion Ratio Lower Upper

41 100

39 79.1 63.2 94.8

76 41.0 32.7 49.1

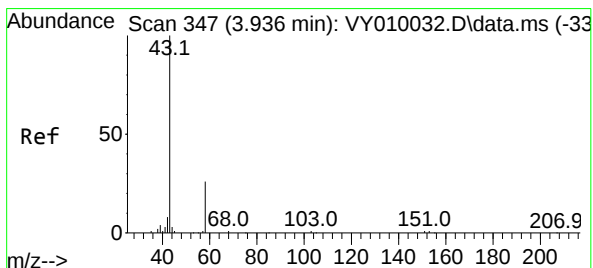
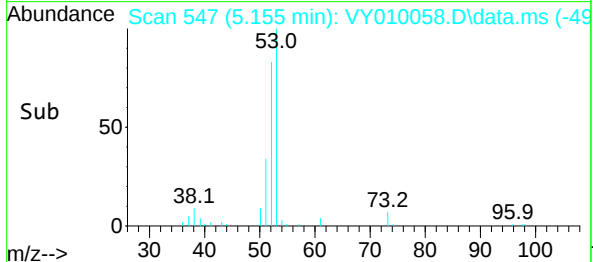
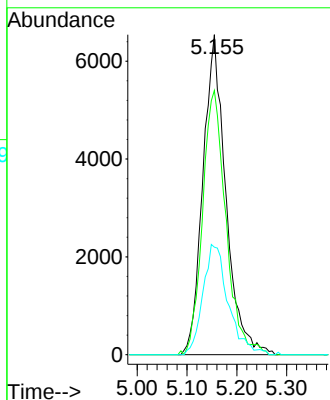
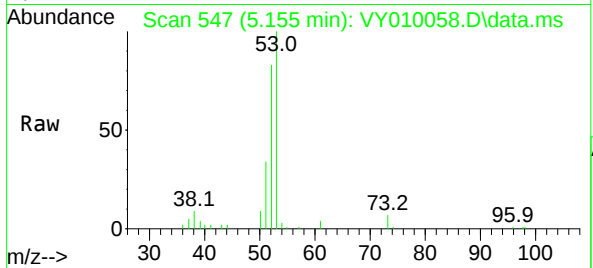




#15
Acrylonitrile
Concen: 92.799 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

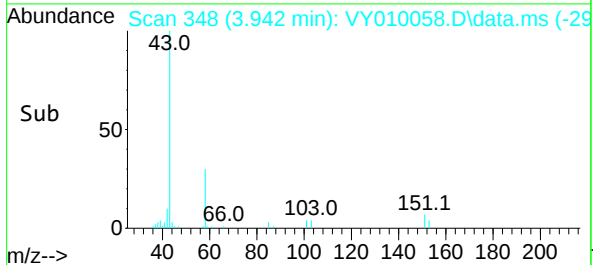
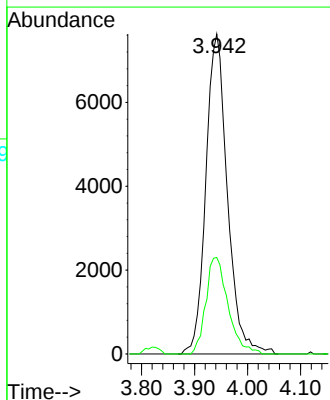
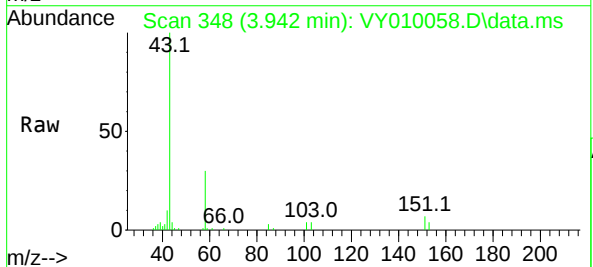
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

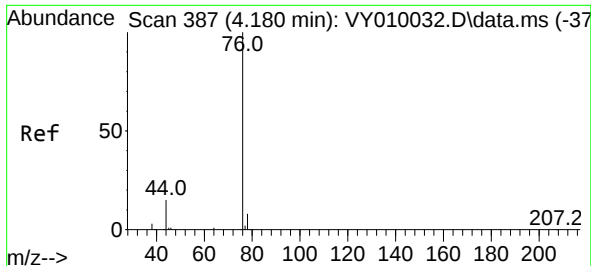
Tgt Ion: 53	Resp: 20877
Ion Ratio	Lower Upper
53 100	
52 84.2	65.1 97.7
51 38.1	30.2 45.4



#16
Acetone
Concen: 99.723 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 43	Resp: 21534
Ion Ratio	Lower Upper
43 100	
58 30.2	21.4 32.0

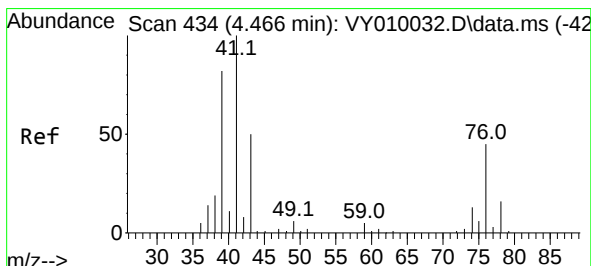
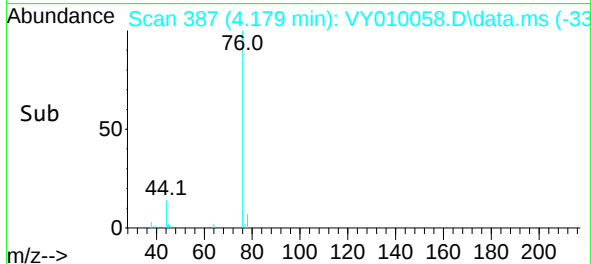
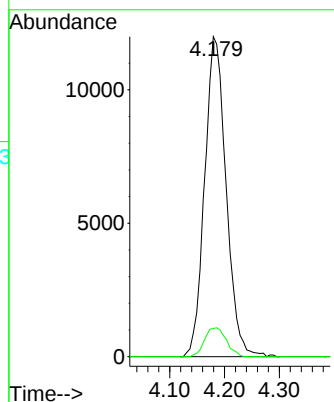
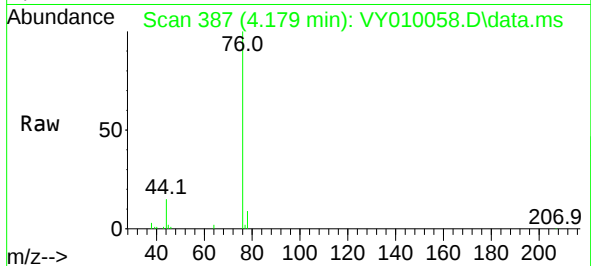




#17
Carbon Disulfide
Concen: 13.765 ug/l
RT: 4.179 min Scan# 31
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

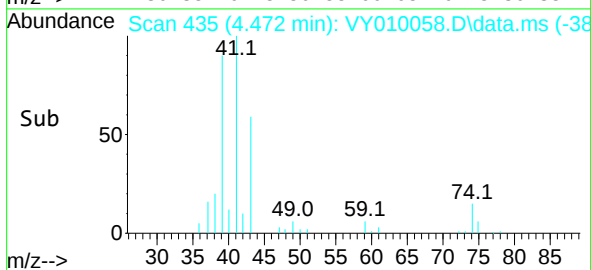
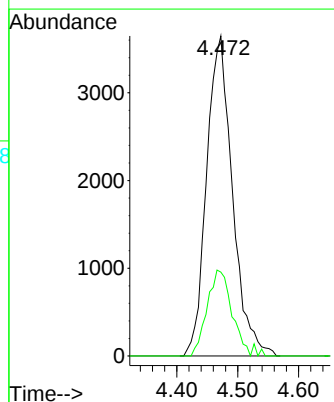
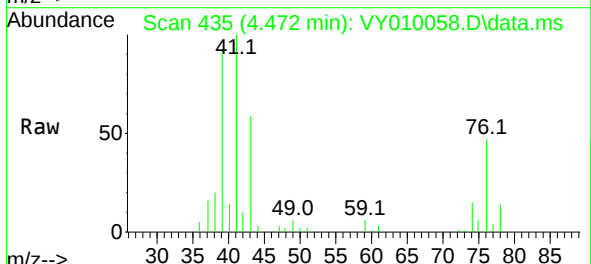
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

Tgt Ion: 76 Resp: 32599
Ion Ratio Lower Upper
76 100
78 8.8 6.7 10.1



#18
Methyl Acetate
Concen: 18.308 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 43 Resp: 10766
Ion Ratio Lower Upper
43 100
74 25.4 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 18.974 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

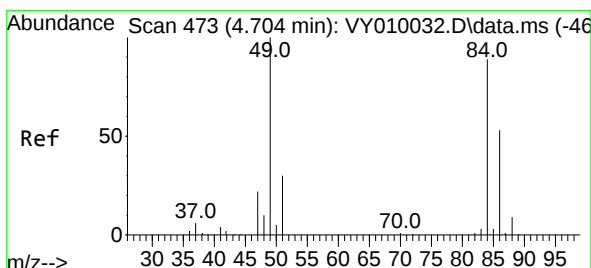
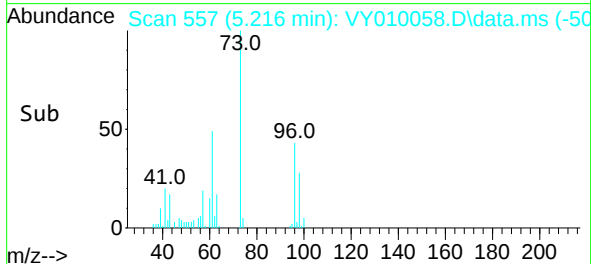
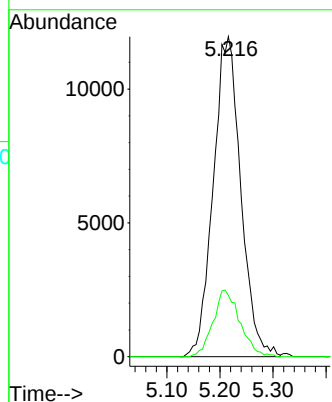
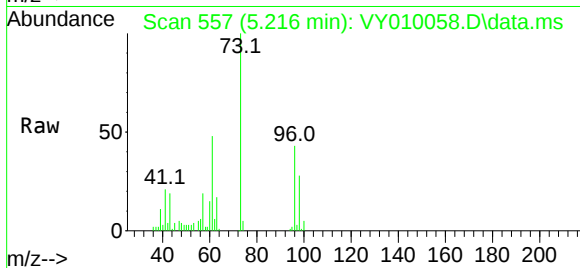
VY0817SBS01

Tgt Ion: 73 Resp: 43103

Ion Ratio Lower Upper

73 100

57 19.2 15.4 23.0



#20

Methylene Chloride

Concen: 18.844 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Tgt Ion: 84 Resp: 20922

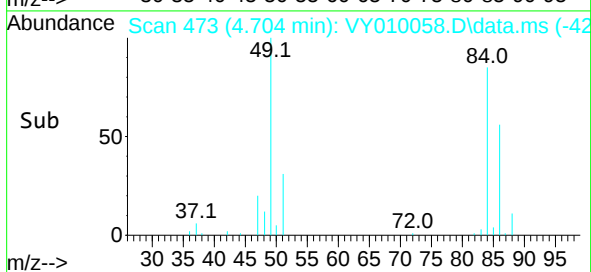
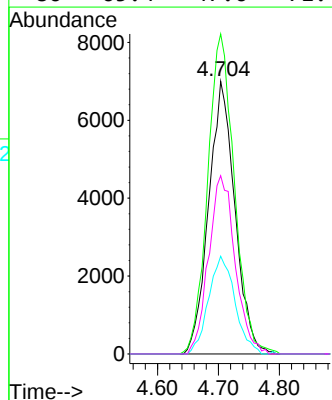
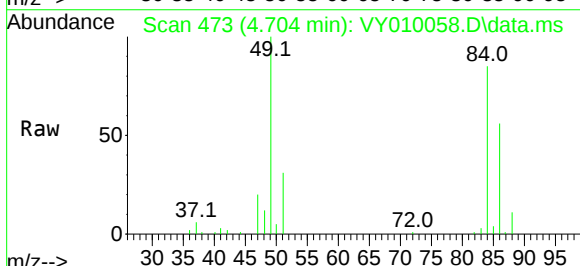
Ion Ratio Lower Upper

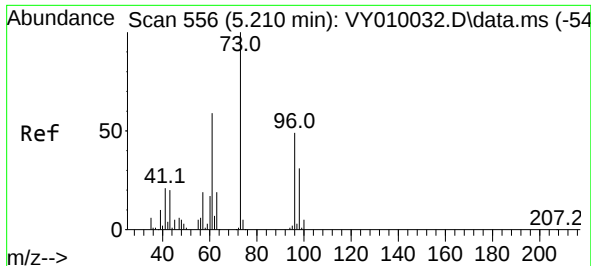
84 100

49 117.4 89.5 134.3

51 35.9 26.8 40.2

86 65.4 47.6 71.4

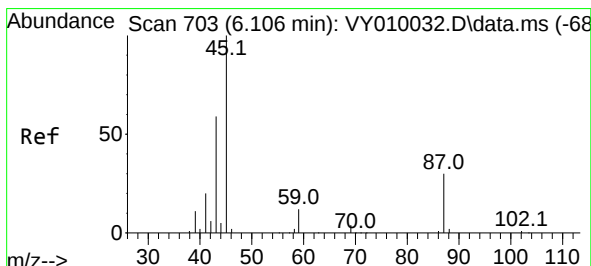
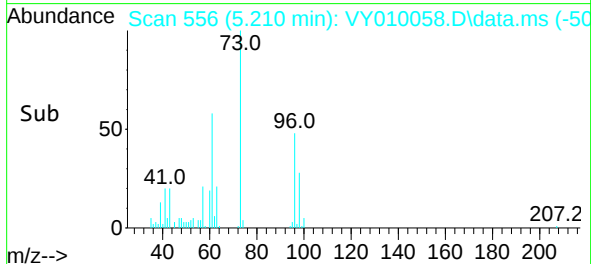
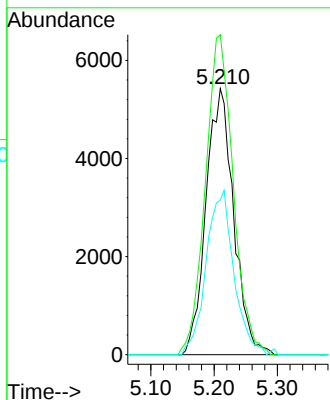
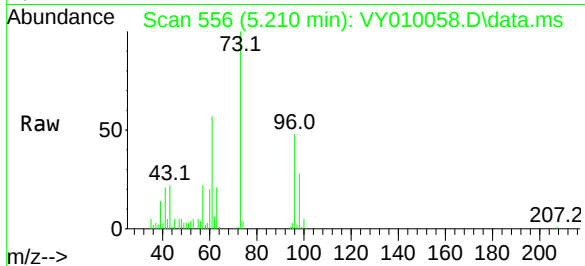




#21
trans-1,2-Dichloroethene
Concen: 17.316 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

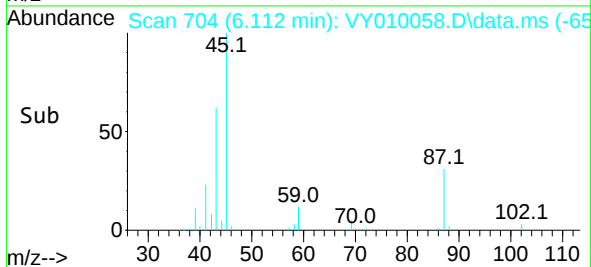
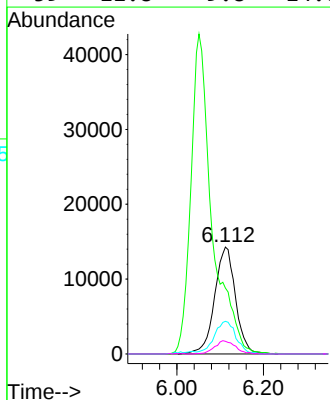
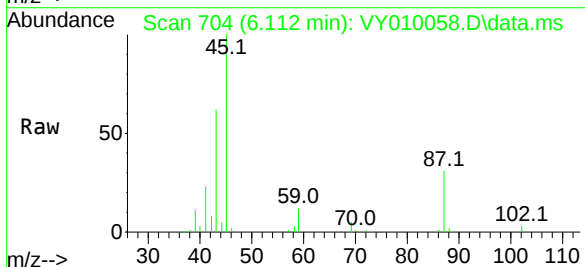
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

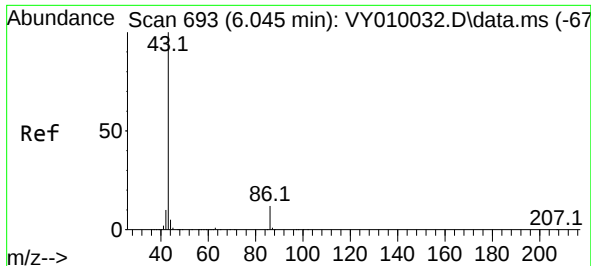
Tgt Ion: 96 Resp: 16465
Ion Ratio Lower Upper
96 100
61 120.3 96.8 145.2
98 58.1 51.0 76.4



#22
Diisopropyl ether
Concen: 20.050 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 45 Resp: 47916
Ion Ratio Lower Upper
45 100
43 61.2 47.5 71.3
87 30.6 24.4 36.6
59 11.8 9.8 14.6

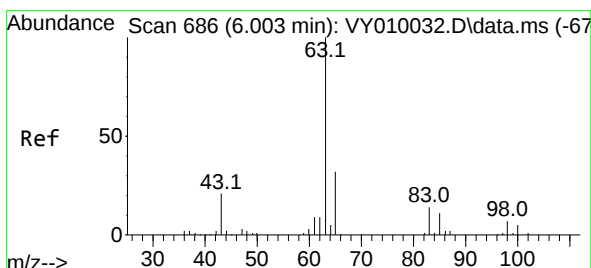
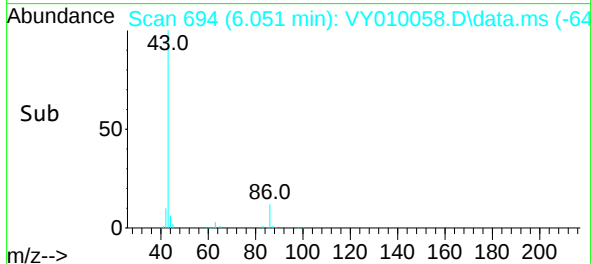
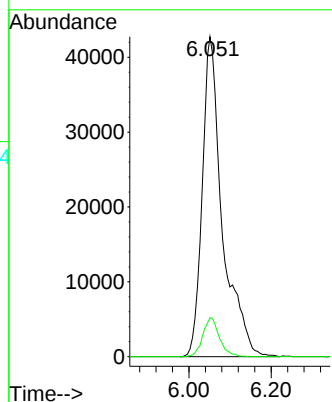
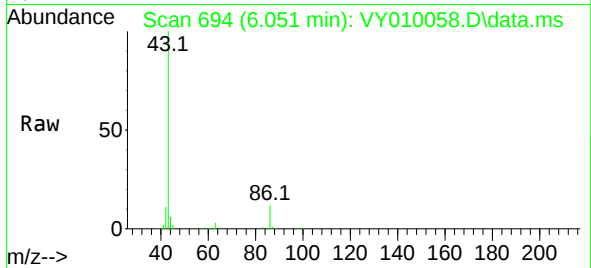




#23
 Vinyl Acetate
 Concen: 96.270 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

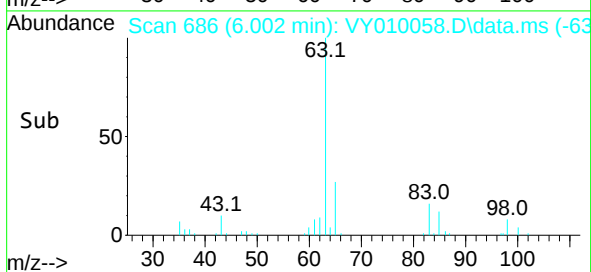
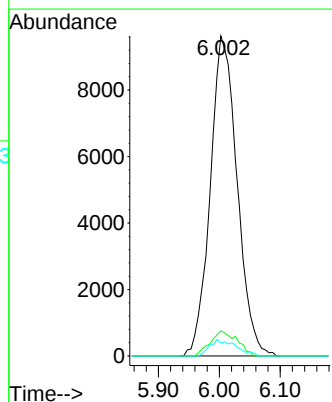
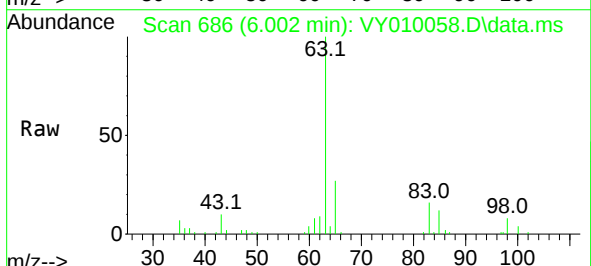
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBS01

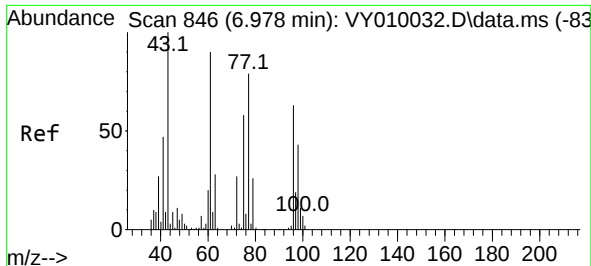
Tgt Ion: 43 Resp: 145179
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 19.454 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.001 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

Tgt Ion: 63 Resp: 29527
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 4.0 2.3 6.8

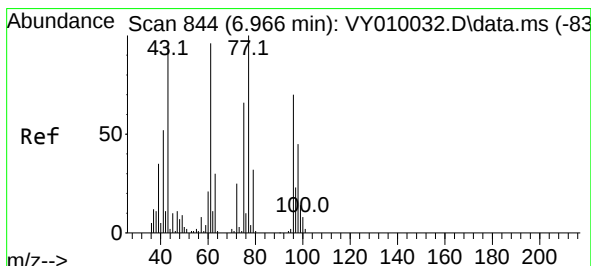
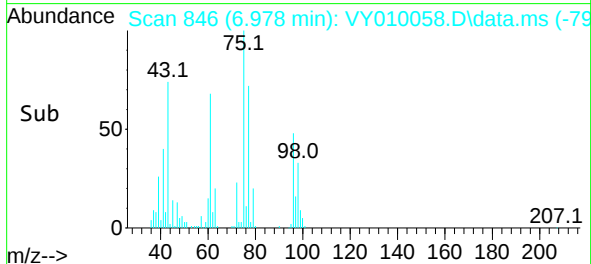
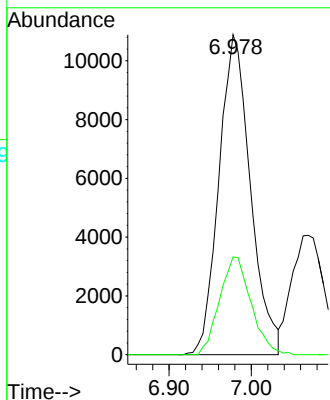
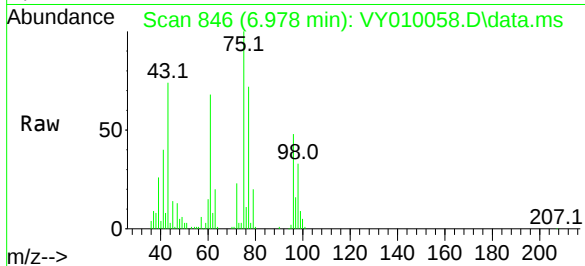




#25
2-Butanone
Concen: 98.354 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

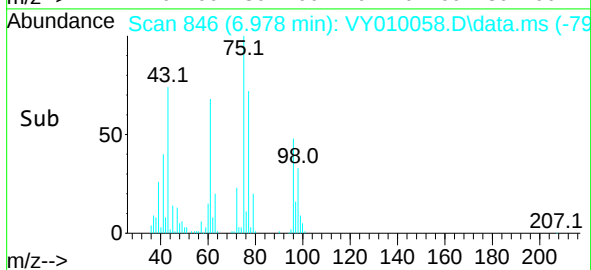
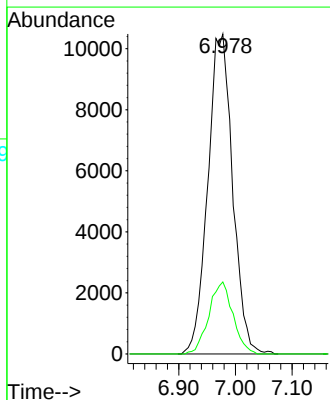
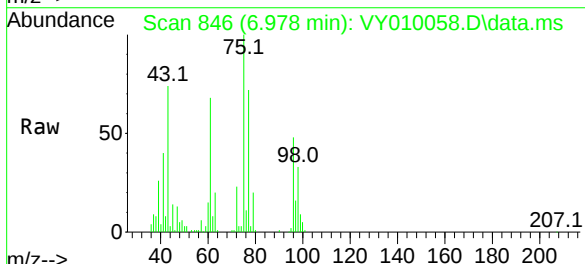
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

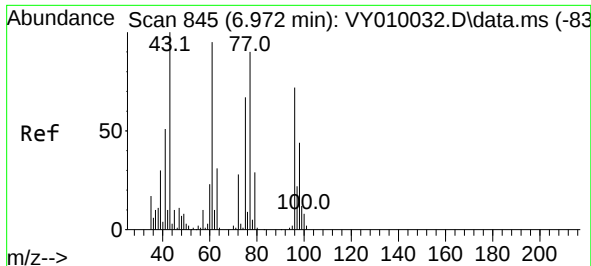
Tgt Ion: 43 Resp: 29055
Ion Ratio Lower Upper
43 100
72 30.5 21.7 32.5



#26
2,2-Dichloropropane
Concen: 19.962 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 77 Resp: 31841
Ion Ratio Lower Upper
77 100
97 21.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 18.297 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

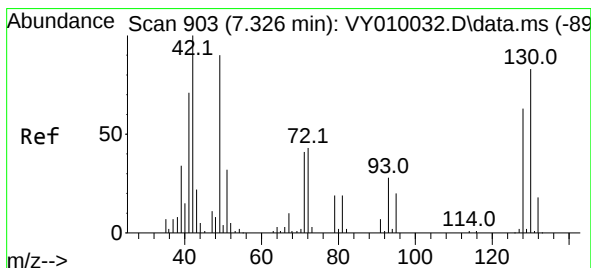
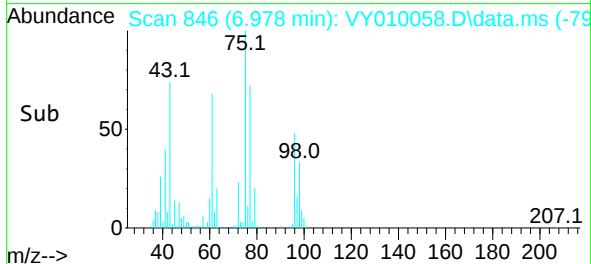
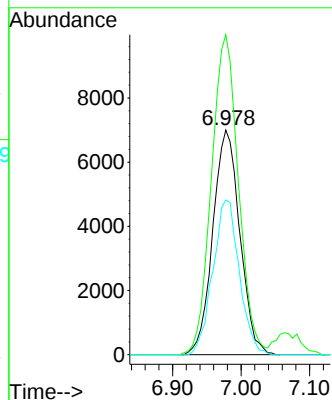
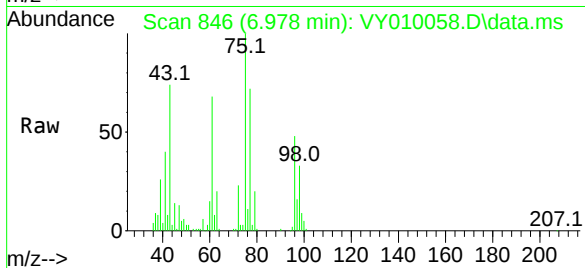
Tgt Ion: 96 Resp: 19132

Ion Ratio Lower Upper

96 100

61 142.5 0.0 276.0

98 67.5 0.0 128.4



#28

Bromochloromethane

Concen: 15.802 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

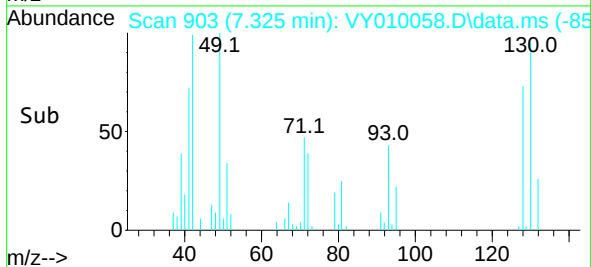
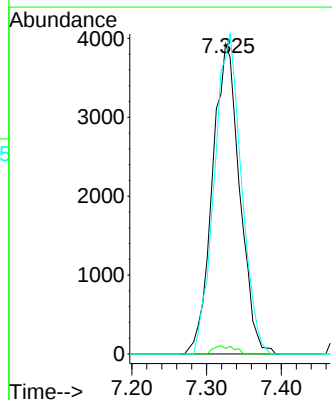
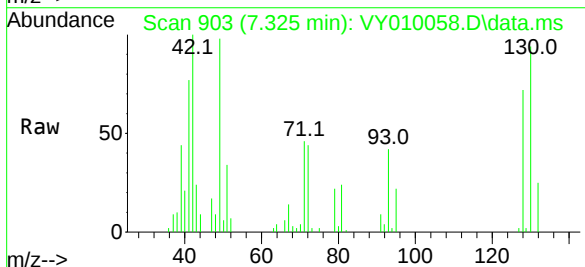
Tgt Ion: 49 Resp: 9980

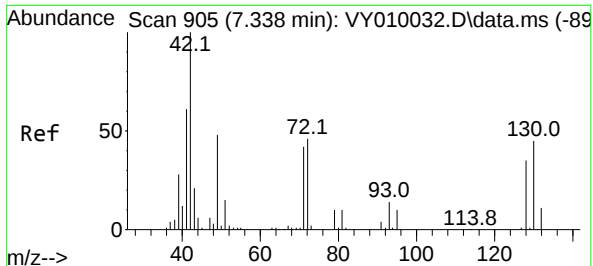
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.8

130 102.4 71.0 106.4





#29

Tetrahydrofuran

Concen: 84.917 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

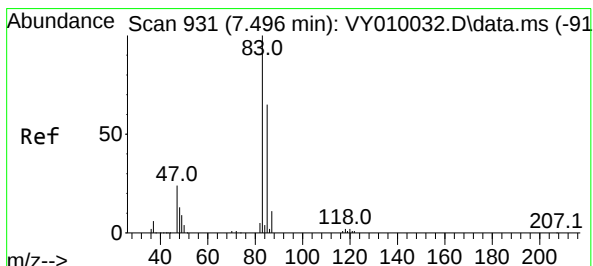
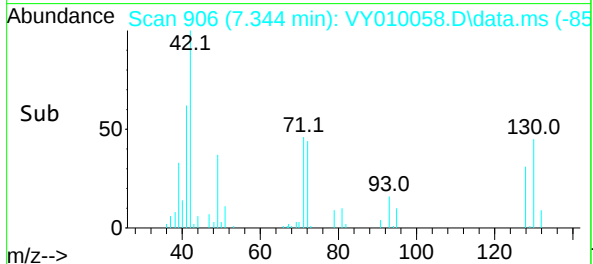
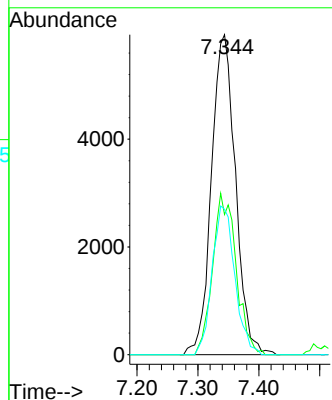
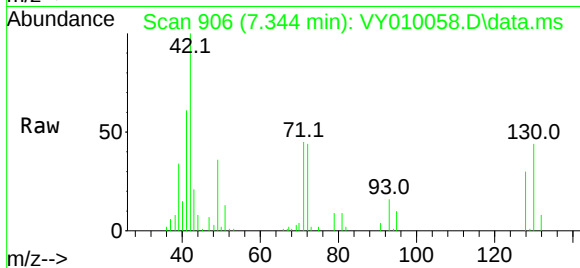
Tgt Ion: 42 Resp: 16294

Ion Ratio Lower Upper

42 100

72 49.3 36.5 54.7

71 43.8 33.4 50.2



#30

Chloroform

Concen: 19.015 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY010058.D

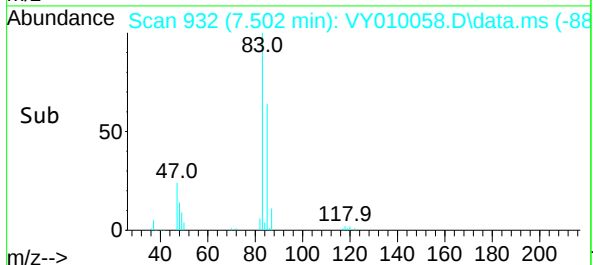
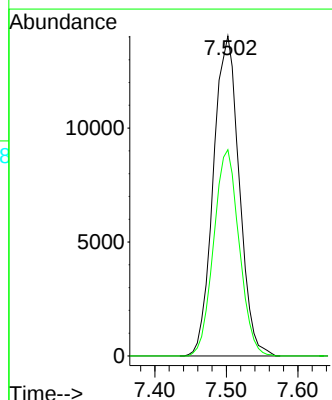
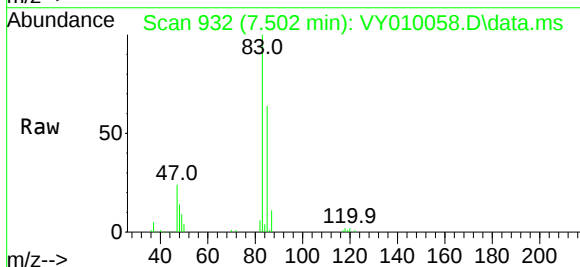
Acq: 17 Aug 2022 10:56

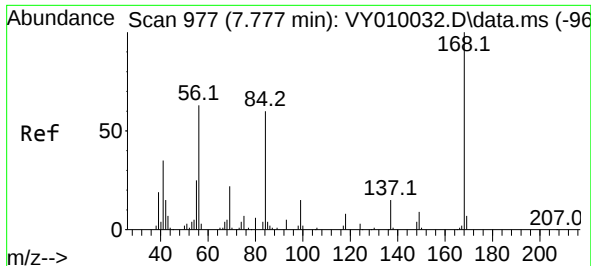
Tgt Ion: 83 Resp: 35295

Ion Ratio Lower Upper

83 100

85 64.5 51.9 77.9

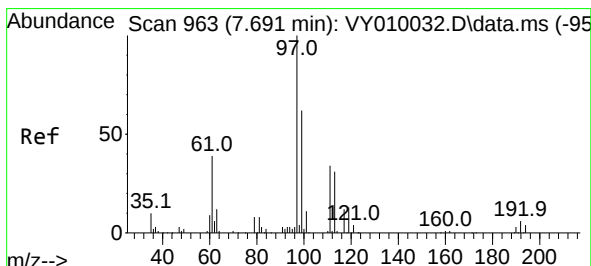
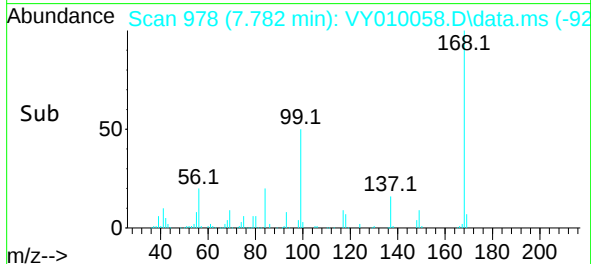
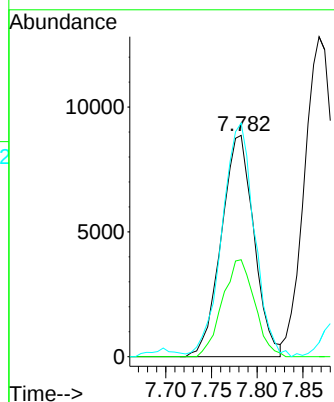
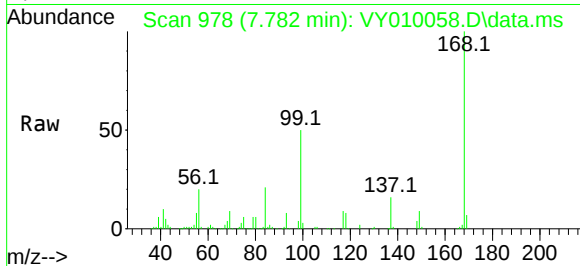




#31
Cyclohexane
Concen: 15.465 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

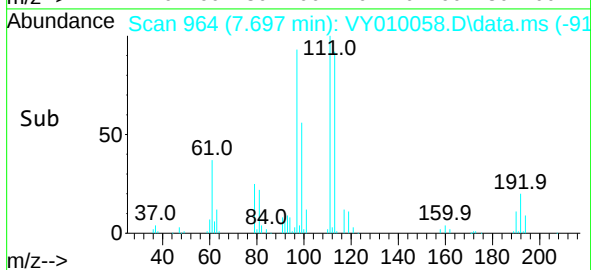
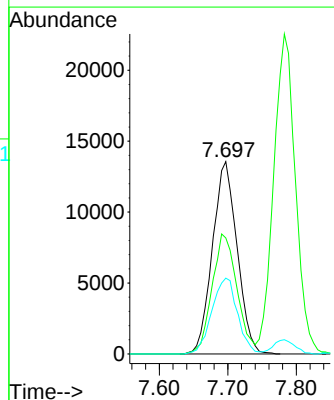
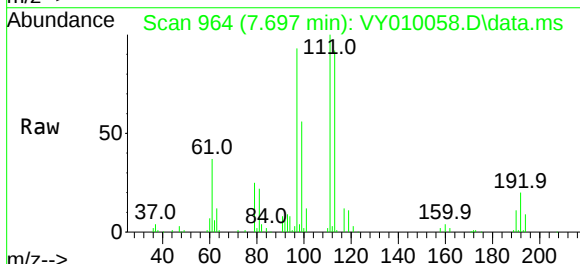
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

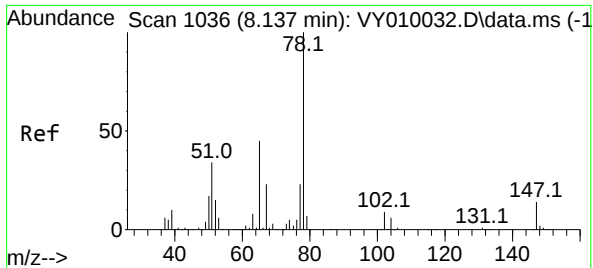
Tgt Ion: 56 Resp: 22030
Ion Ratio Lower Upper
56 100
69 43.8 28.6 43.0#
84 103.9 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 20.132 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 97 Resp: 33875
Ion Ratio Lower Upper
97 100
99 63.0 51.3 76.9
61 41.0 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 49.033 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

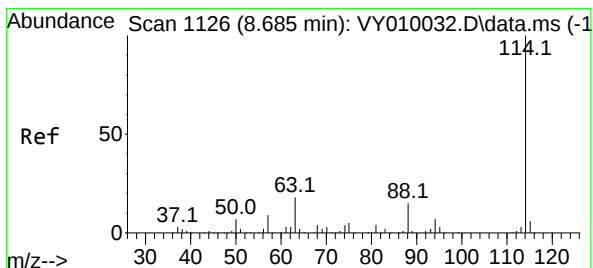
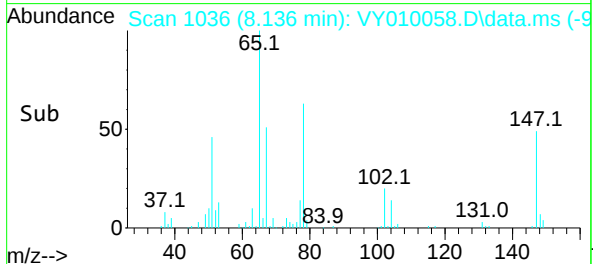
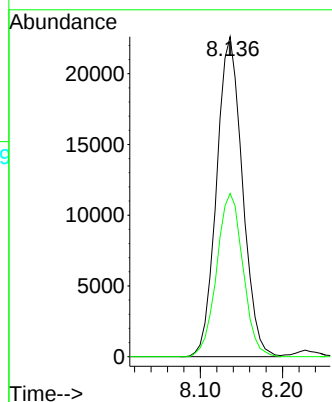
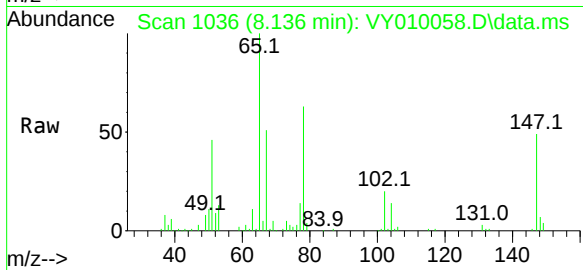
VY0817SBS01

Tgt Ion: 65 Resp: 49433

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

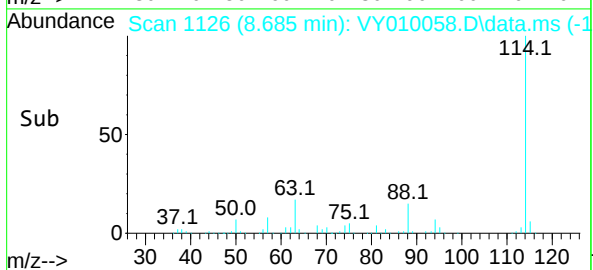
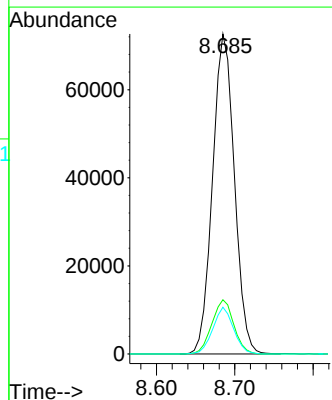
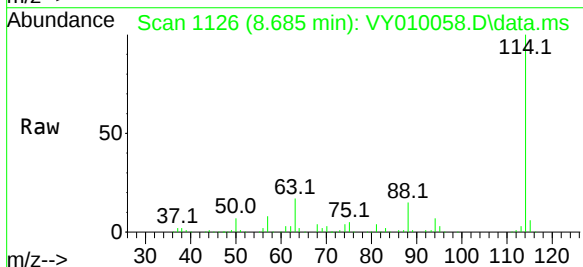
Tgt Ion:114 Resp: 140840

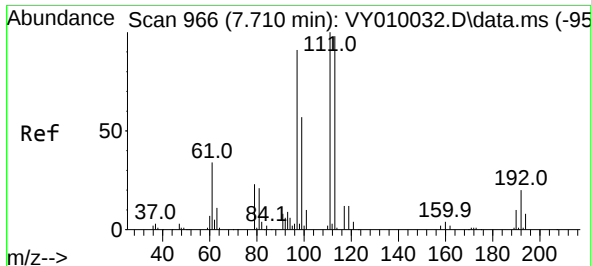
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

88 14.6 0.0 30.2

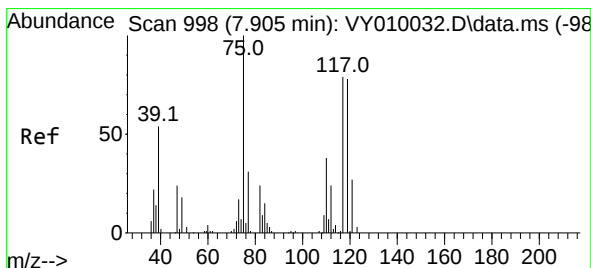
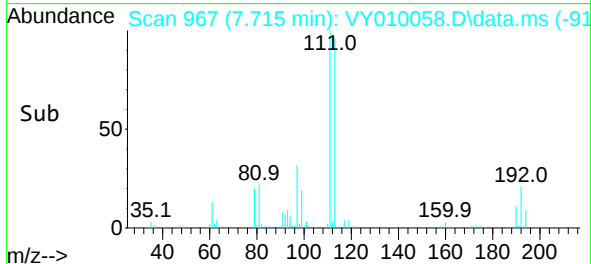
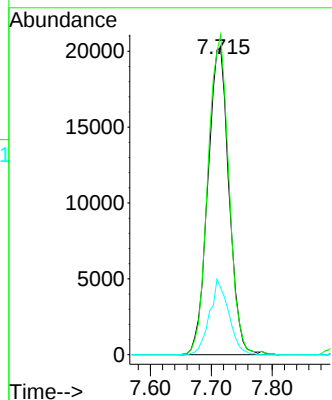
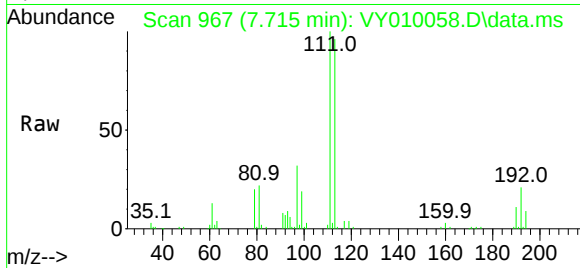




#35
Dibromofluoromethane
Concen: 53.632 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

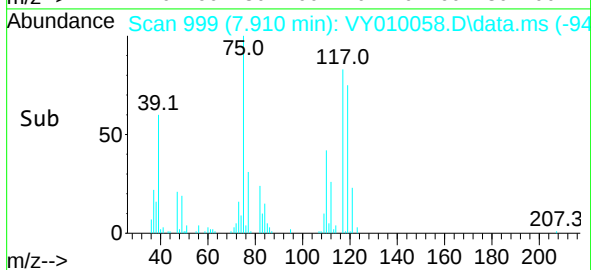
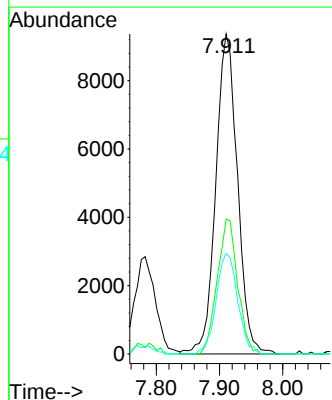
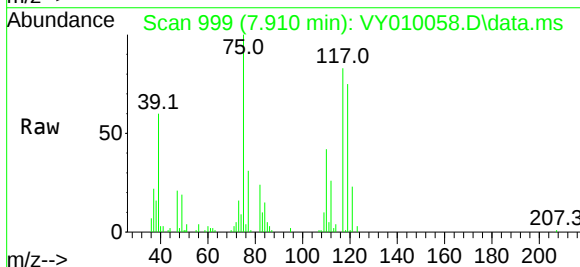
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

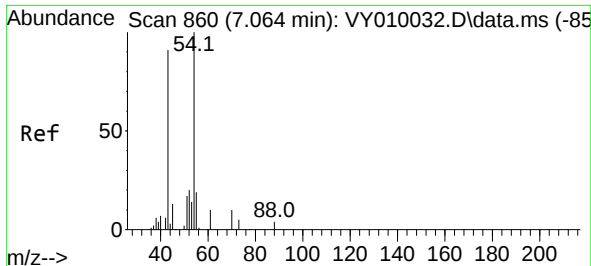
Tgt Ion:113 Resp: 48985
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 22.1 17.2 25.8



#36
1,1-Dichloropropene
Concen: 17.512 ug/l
RT: 7.910 min Scan# 999
Delta R.T. 0.005 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 75 Resp: 22281
Ion Ratio Lower Upper
75 100
110 39.5 18.4 55.4
77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 17.230 ug/l

RT: 7.069 min Scan# 8

Delta R.T. 0.005 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

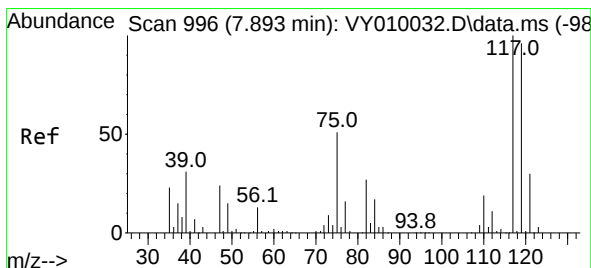
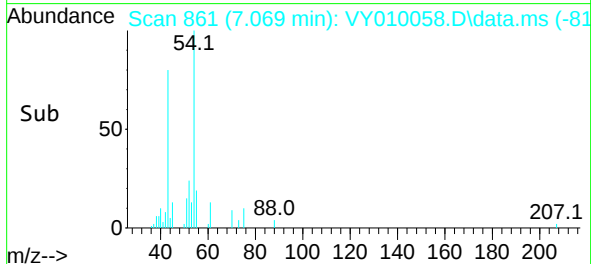
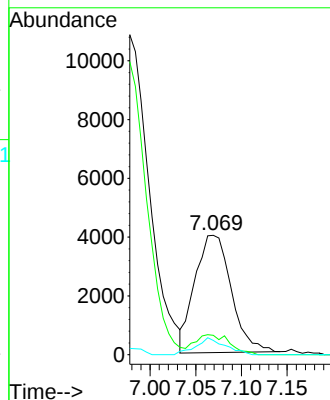
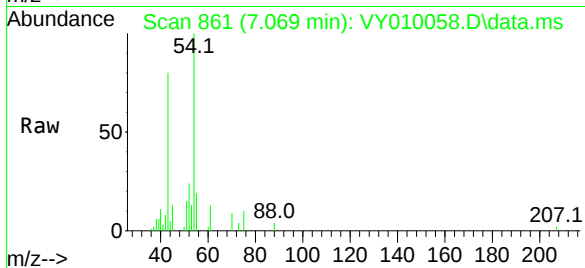
Tgt Ion: 43 Resp: 11040

Ion Ratio Lower Upper

43 100

61 16.2 9.6 14.4#

70 11.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 19.988 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

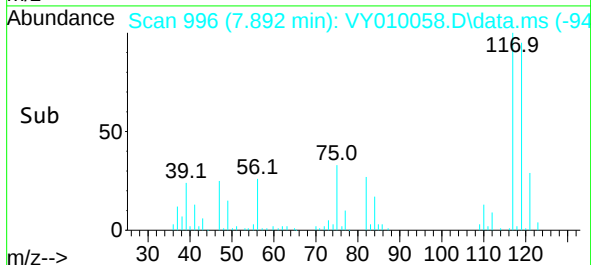
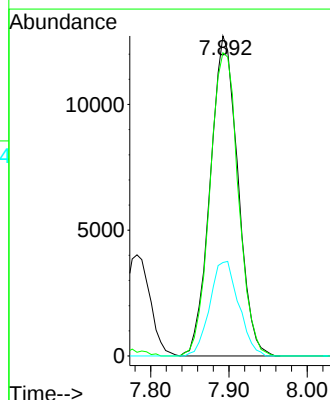
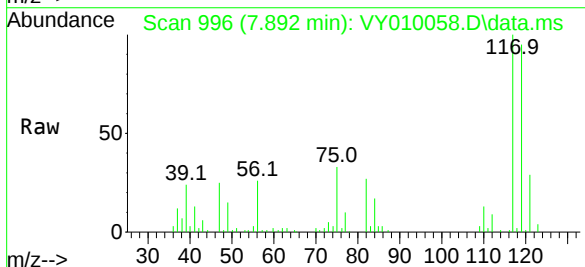
Tgt Ion: 117 Resp: 31277

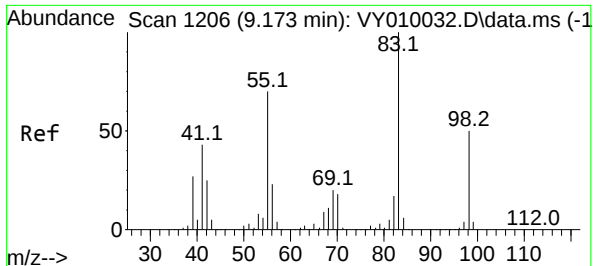
Ion Ratio Lower Upper

117 100

119 94.7 77.0 115.6

121 29.2 24.2 36.4





#39

Methylcyclohexane

Concen: 17.076 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

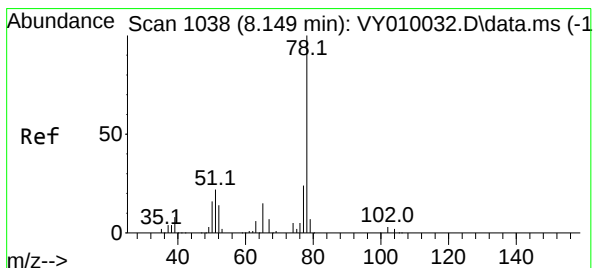
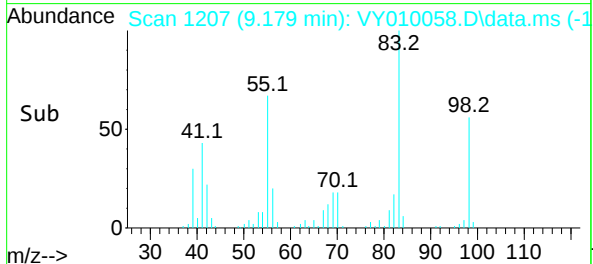
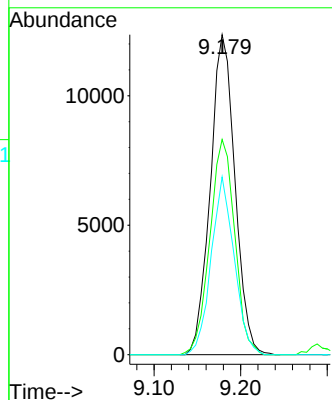
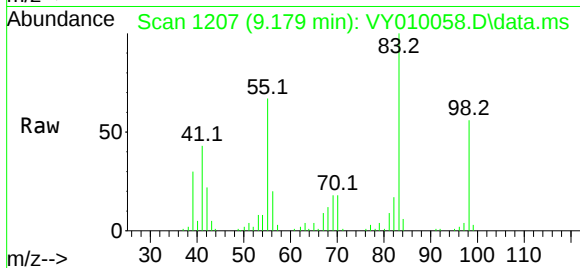
Tgt Ion: 83 Resp: 24479

Ion Ratio Lower Upper

83 100

55 67.3 56.3 84.5

98 55.6 39.8 59.8



#40

Benzene

Concen: 18.011 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. 0.005 min

Lab File: VY010058.D

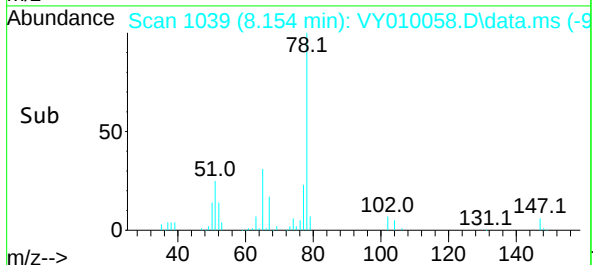
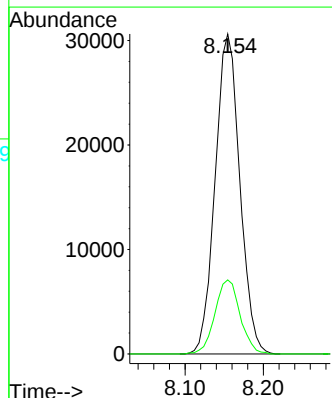
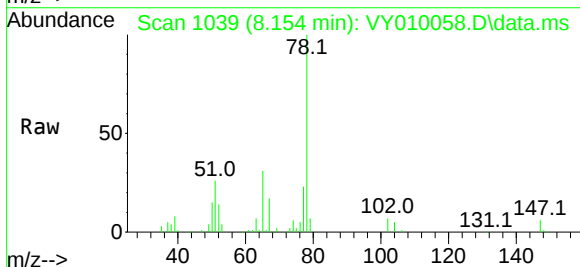
Acq: 17 Aug 2022 10:56

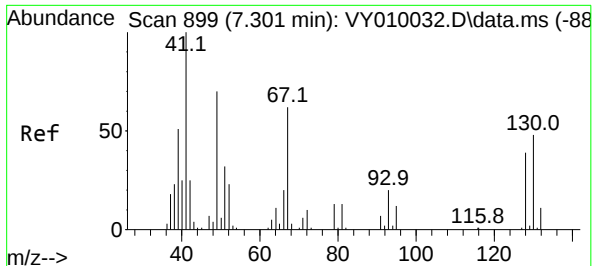
Tgt Ion: 78 Resp: 67041

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

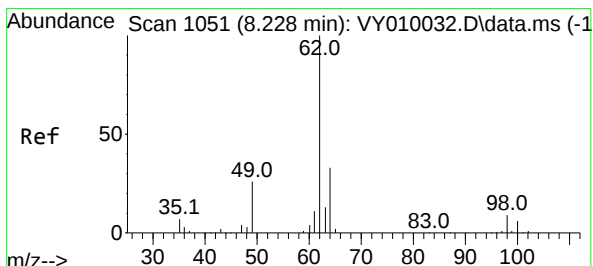
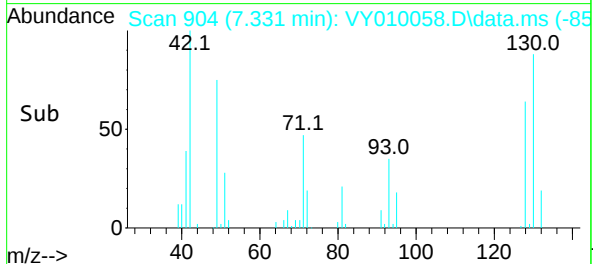
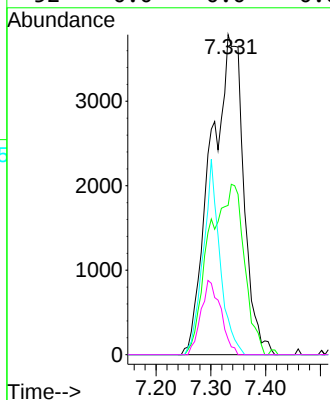
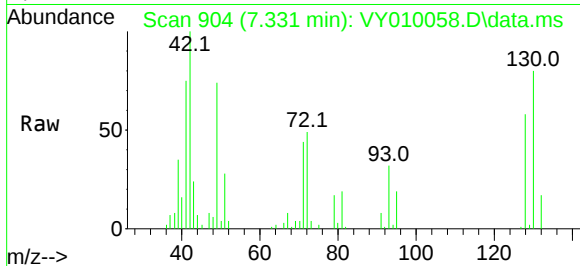




#41
Methacrylonitrile
Concen: 47.722 ug/l
RT: 7.331 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

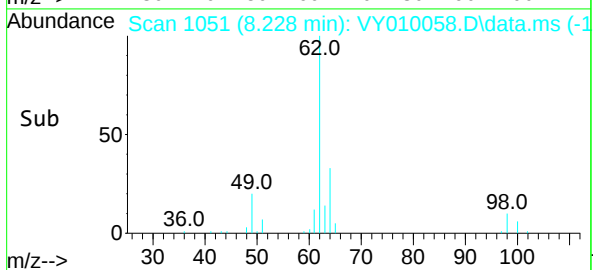
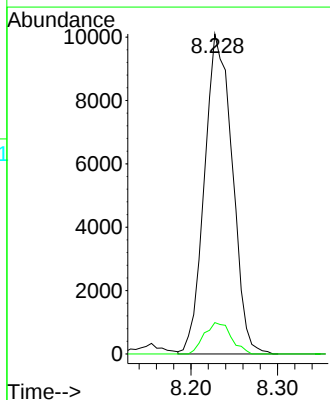
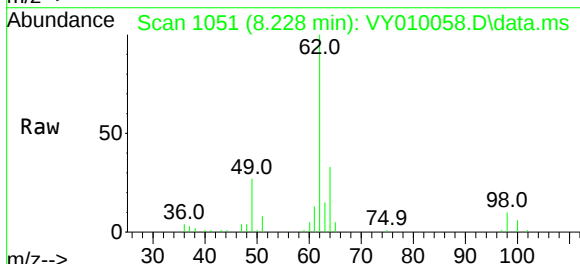
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

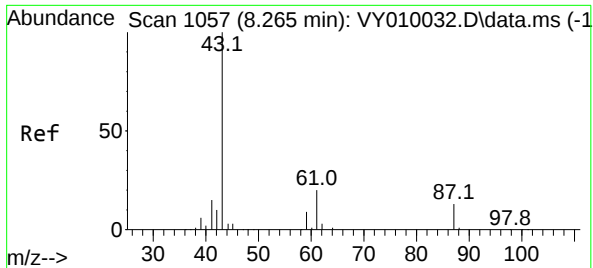
Tgt Ion: 41 Resp: 15794
Ion Ratio Lower Upper
41 100
39 56.8 59.4 89.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.422 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 62 Resp: 22526
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0

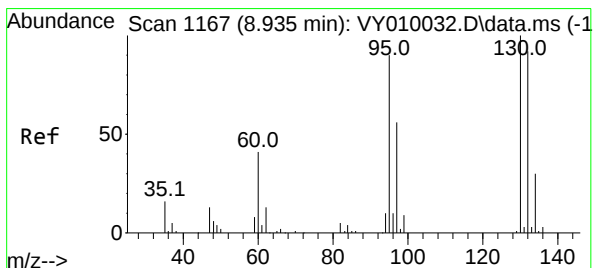
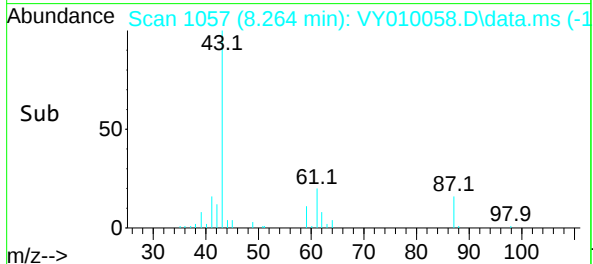
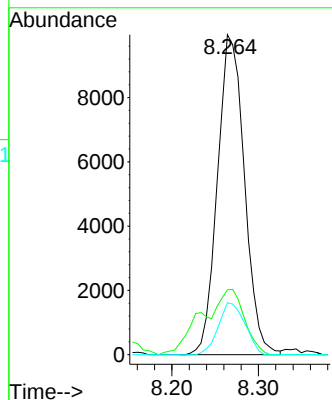
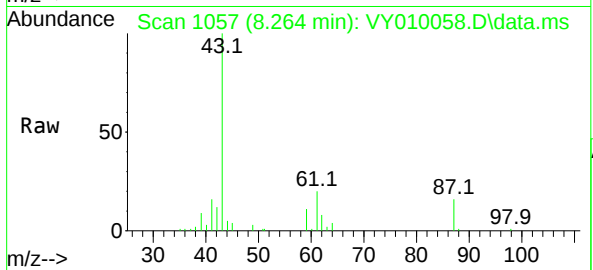




#43
Isopropyl Acetate
Concen: 17.726 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

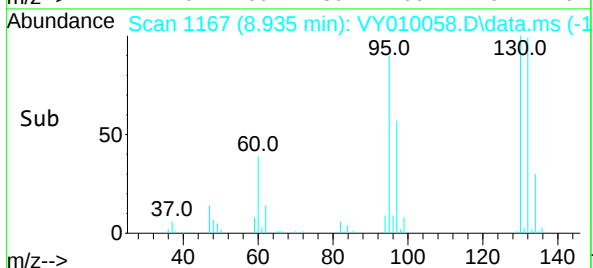
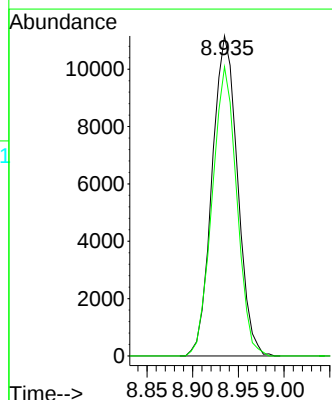
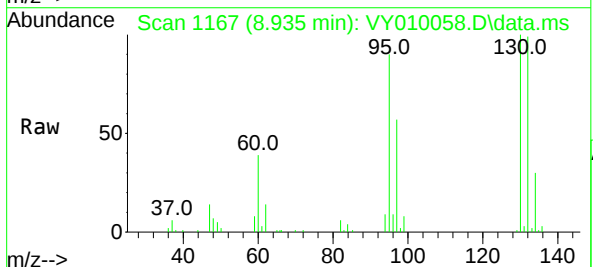
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

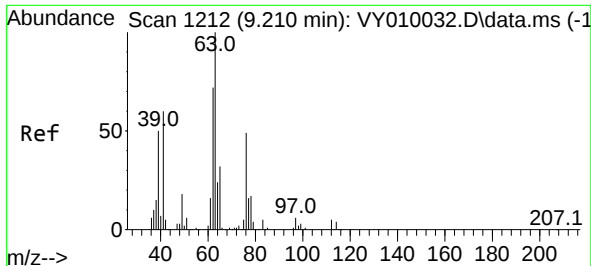
Tgt Ion: 43 Resp: 21558
Ion Ratio Lower Upper
43 100
61 20.1 23.0 34.6#
87 16.0 11.1 16.7



#44
Trichloroethene
Concen: 19.227 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion:130 Resp: 21632
Ion Ratio Lower Upper
130 100
95 90.3 0.0 180.0





#45

1,2-Dichloropropane

Concen: 18.219 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

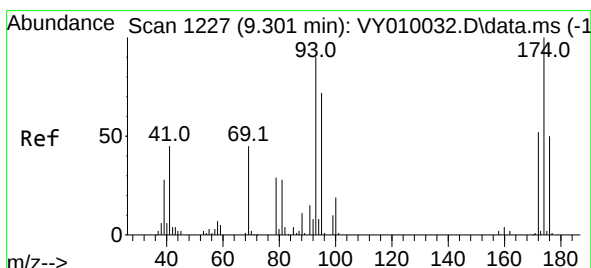
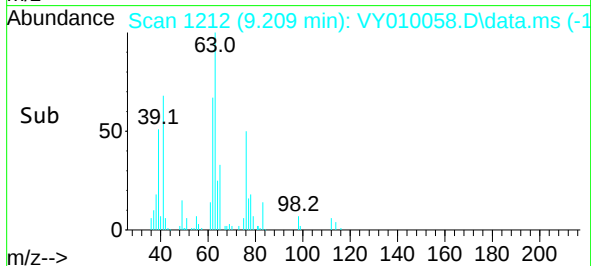
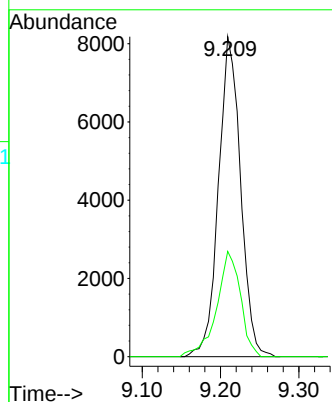
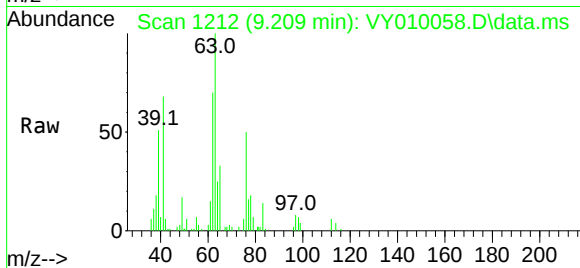
VY0817SBS01

Tgt Ion: 63 Resp: 16035

Ion Ratio Lower Upper

63 100

65 32.9 25.4 38.0



#46

Dibromomethane

Concen: 19.928 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

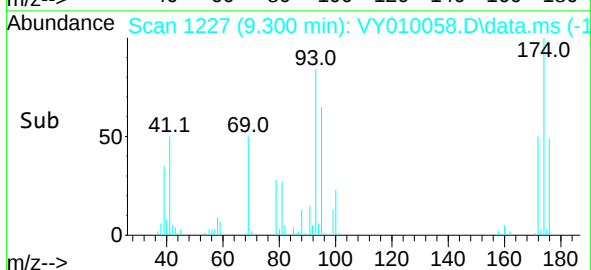
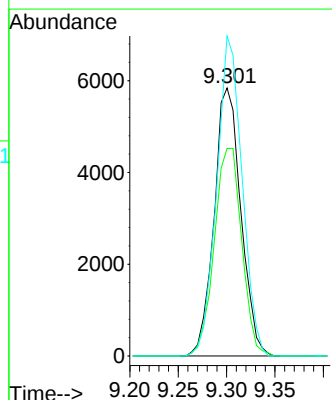
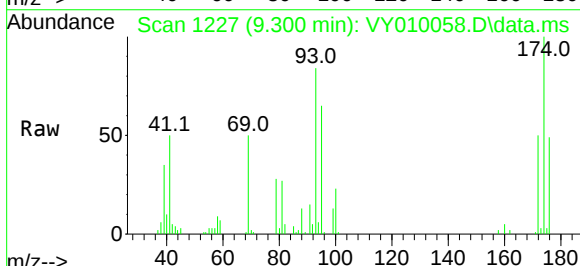
Tgt Ion: 93 Resp: 11233

Ion Ratio Lower Upper

93 100

95 79.5 66.5 99.7

174 113.2 89.5 134.3

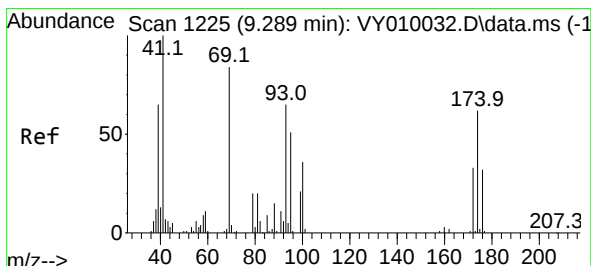
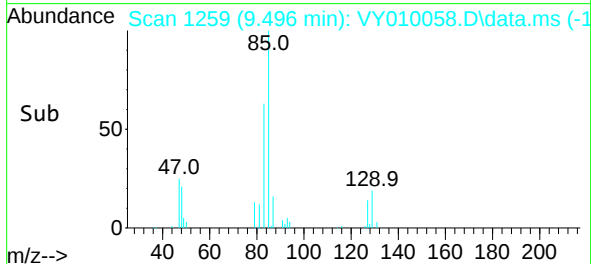
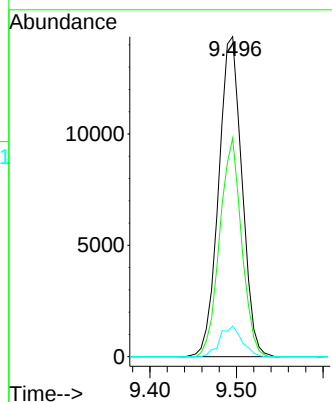
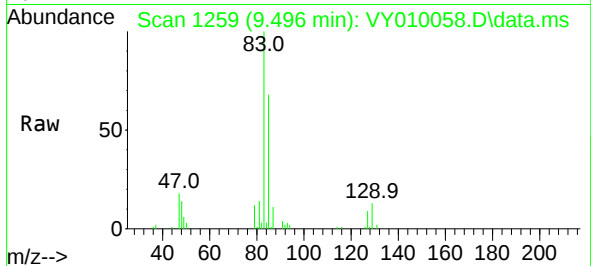




#47
Bromodichloromethane
Concen: 19.770 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

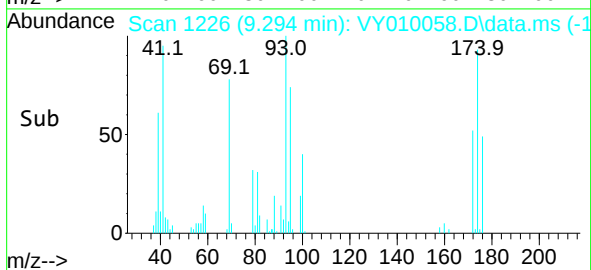
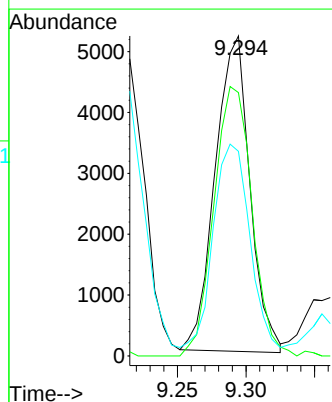
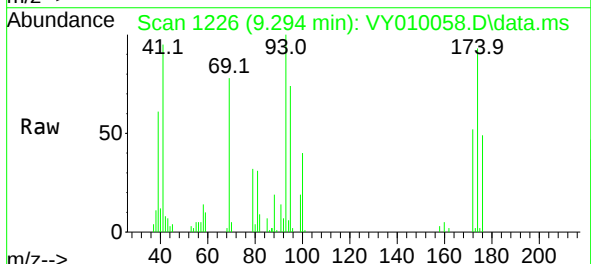
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

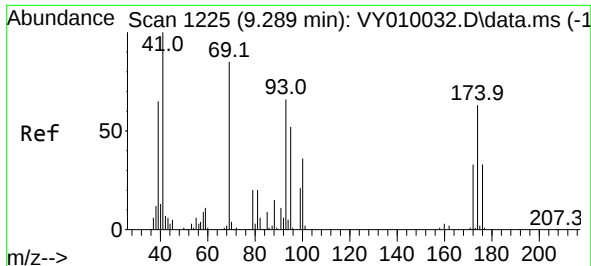
Tgt Ion: 83 Resp: 26880
Ion Ratio Lower Upper
83 100
85 68.2 50.4 75.6
127 9.5 6.8 10.2



#48
Methyl methacrylate
Concen: 17.270 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 41 Resp: 9139
Ion Ratio Lower Upper
41 100
69 93.6 69.1 103.7
39 72.9 51.5 77.3





#49

1,4-Dioxane

Concen: 439.656 ug/l

RT: 9.294 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY010058.D

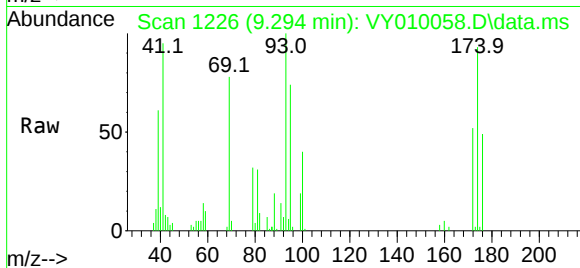
Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01



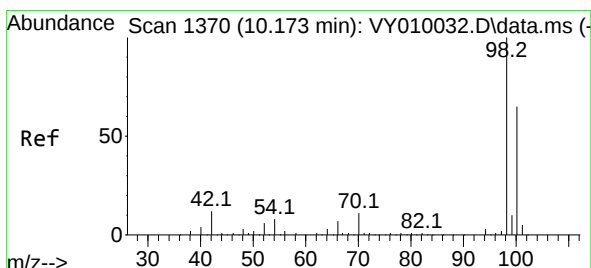
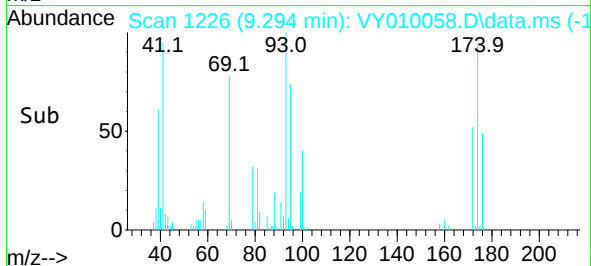
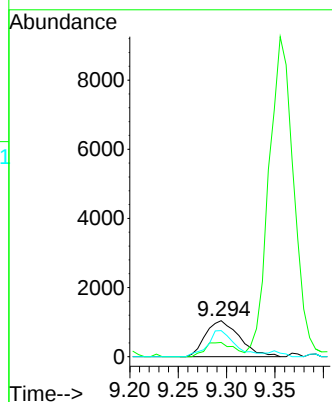
Tgt Ion: 88 Resp: 2548

Ion Ratio Lower Upper

88 100

43 33.5 28.2 42.4

58 58.6 47.2 70.8



#50

Toluene-d8

Concen: 51.699 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. 0.005 min

Lab File: VY010058.D

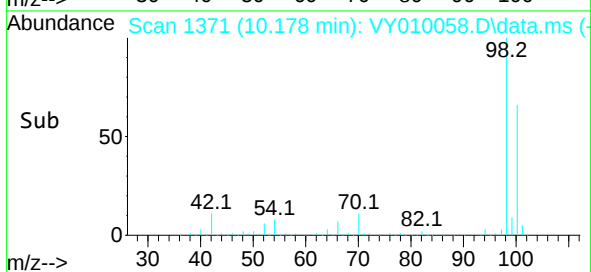
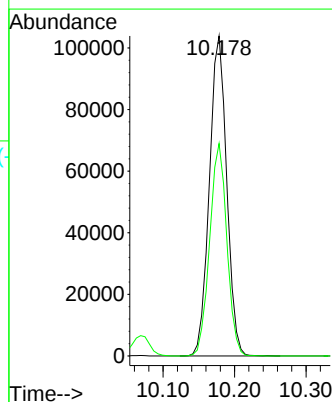
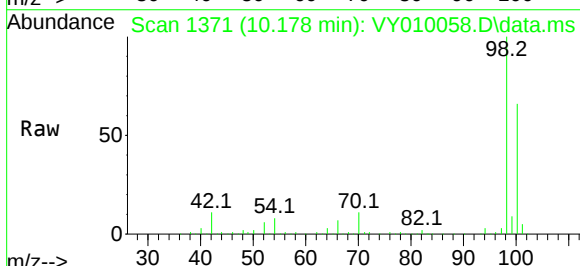
Acq: 17 Aug 2022 10:56

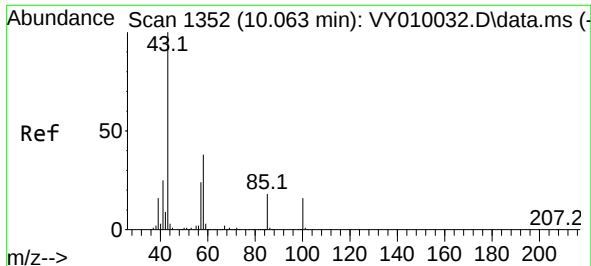
Tgt Ion: 98 Resp: 174699

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1

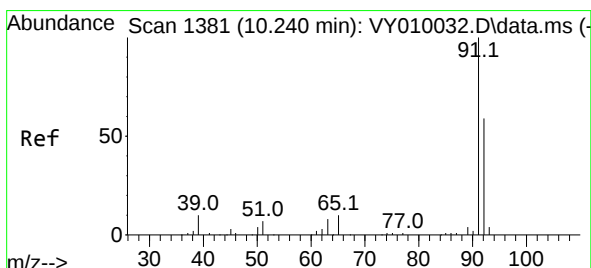
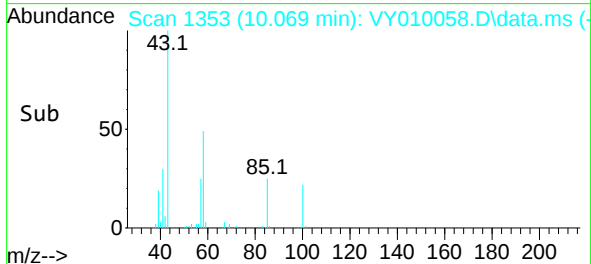
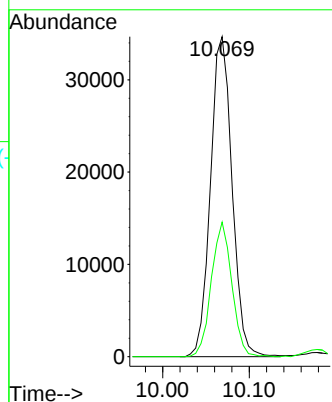
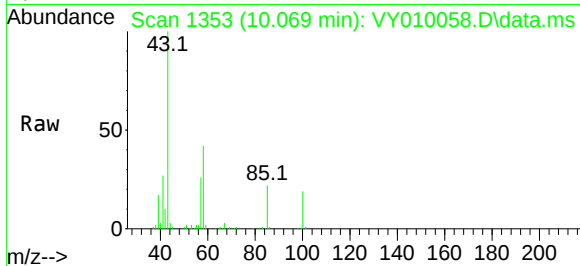




#51
4-Methyl-2-Pentanone
Concen: 89.592 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

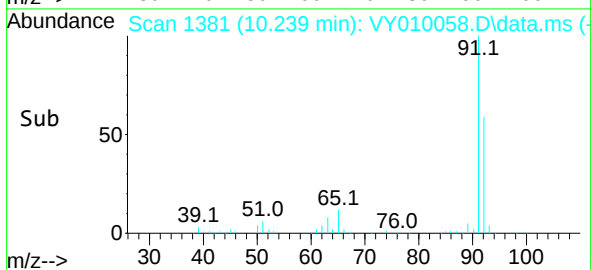
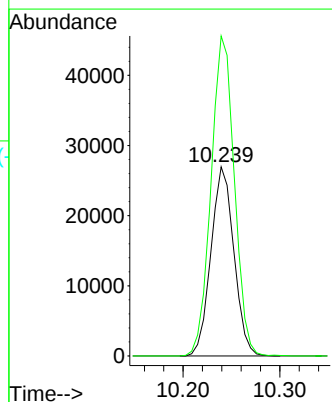
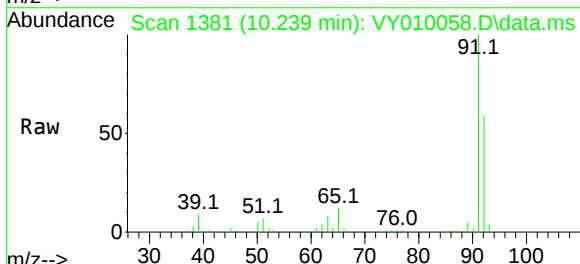
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

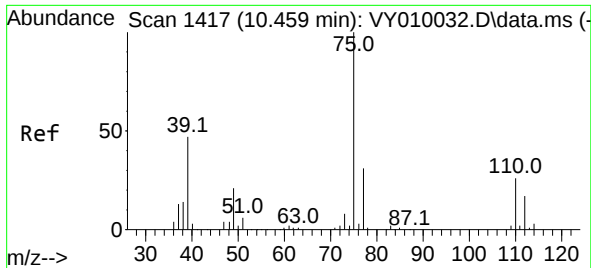
Tgt Ion: 43 Resp: 60115
Ion Ratio Lower Upper
43 100
58 39.8 29.8 44.8



#52
Toluene
Concen: 18.517 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 92 Resp: 44424
Ion Ratio Lower Upper
92 100
91 171.9 137.6 206.4

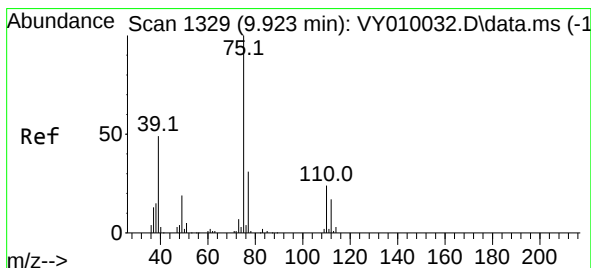
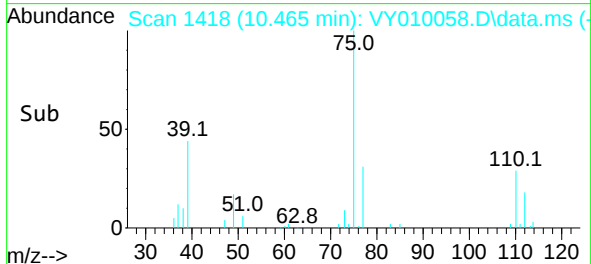
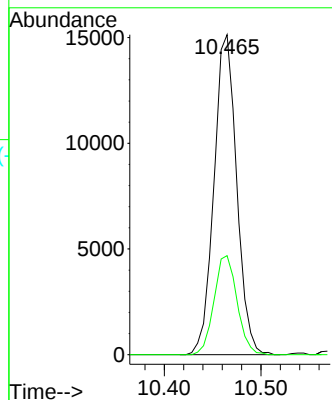
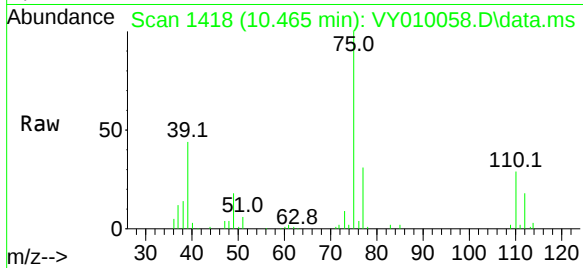




#53
 t-1,3-Dichloropropene
 Concen: 18.837 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

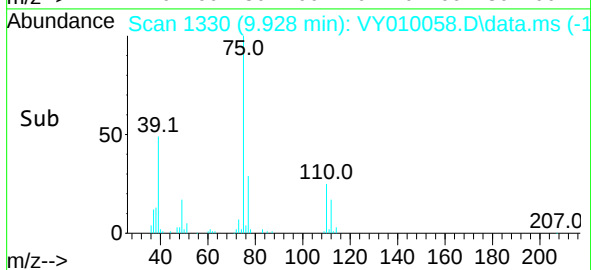
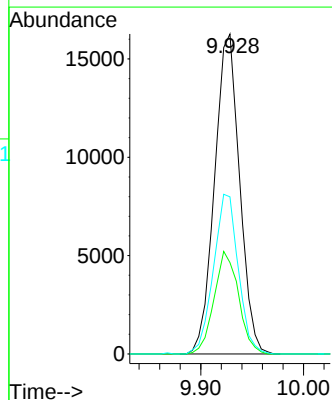
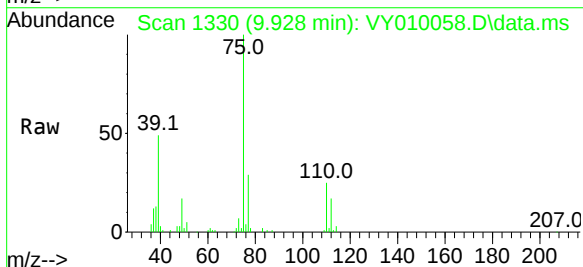
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBS01

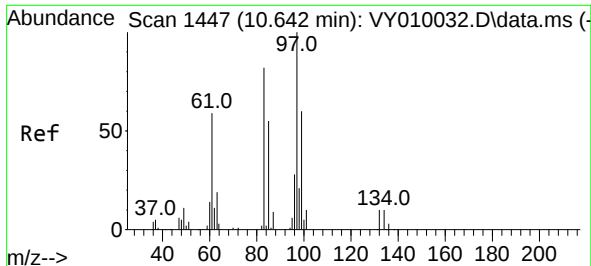
Tgt Ion: 75 Resp: 24666
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.212 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. 0.005 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

Tgt Ion: 75 Resp: 27518
 Ion Ratio Lower Upper
 75 100
 77 28.6 24.6 37.0
 39 49.1 39.2 58.8

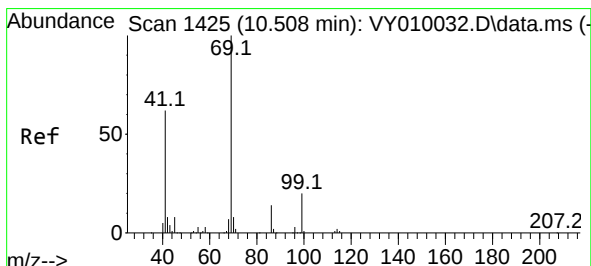
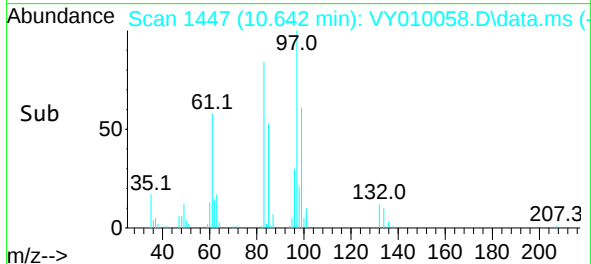
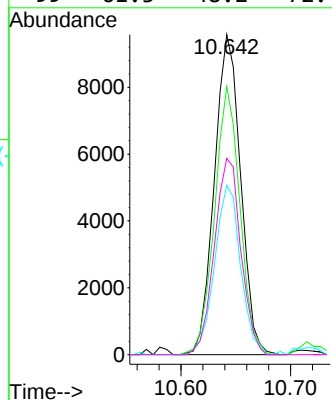
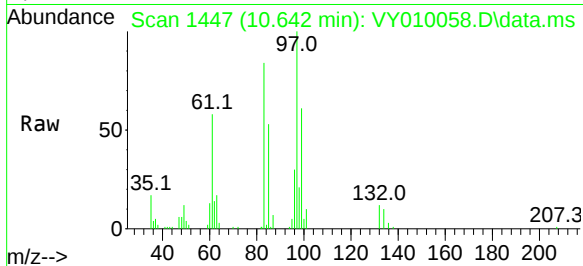




#55
1,1,2-Trichloroethane
Concen: 20.444 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

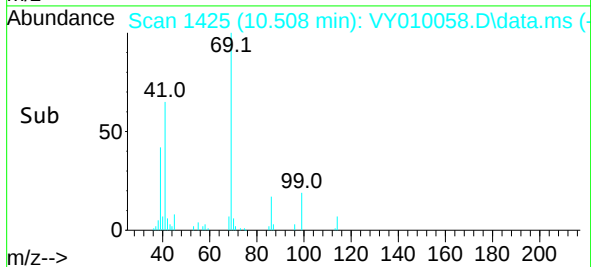
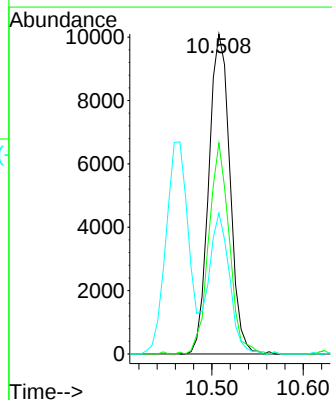
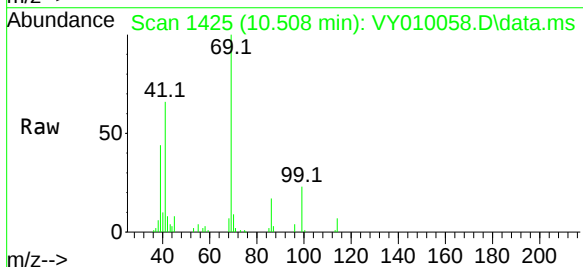
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

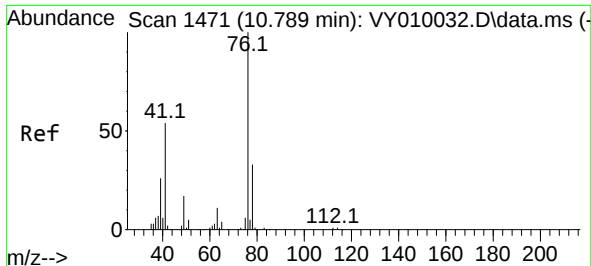
Tgt Ion:	97	Resp:	15917
Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.9	98.9
85	52.9	44.2	66.2
99	61.3	48.2	72.4



#56
Ethyl methacrylate
Concen: 18.003 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion:	69	Resp:	16200
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.8	79.2
39	43.4	32.4	48.6





#57

1,3-Dichloropropane

Concen: 18.741 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

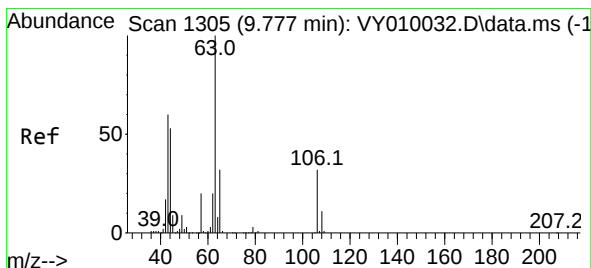
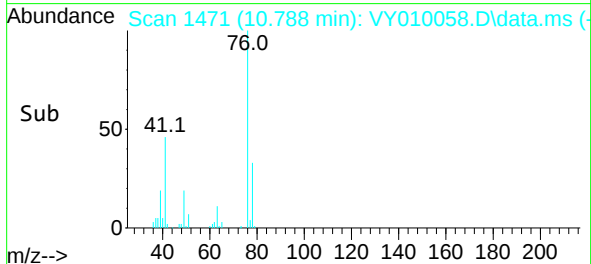
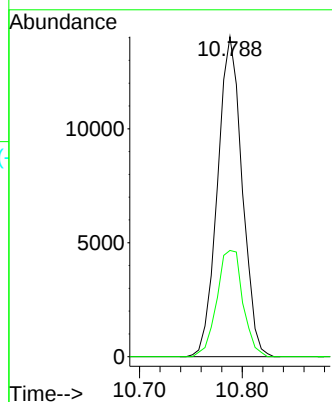
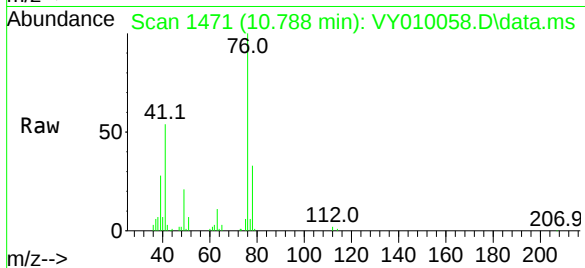
VY0817SBS01

Tgt Ion: 76 Resp: 23359

Ion Ratio Lower Upper

76 100

78 35.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.889 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.005 min

Lab File: VY010058.D

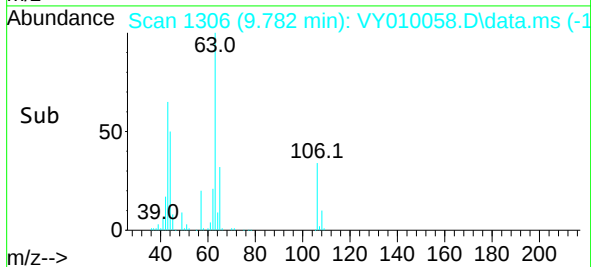
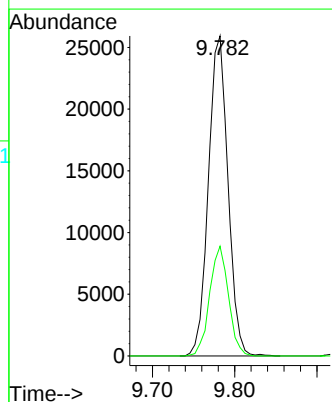
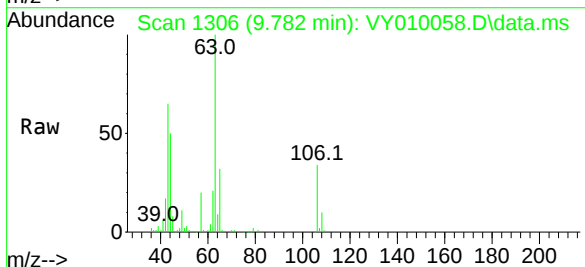
Acq: 17 Aug 2022 10:56

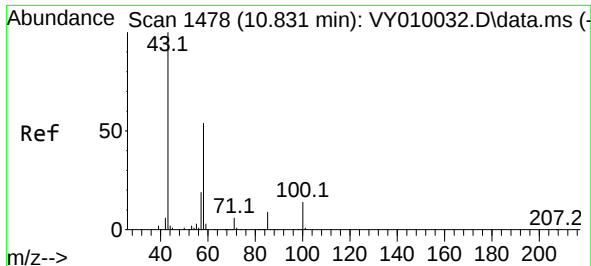
Tgt Ion: 63 Resp: 42793

Ion Ratio Lower Upper

63 100

106 33.0 25.7 38.5

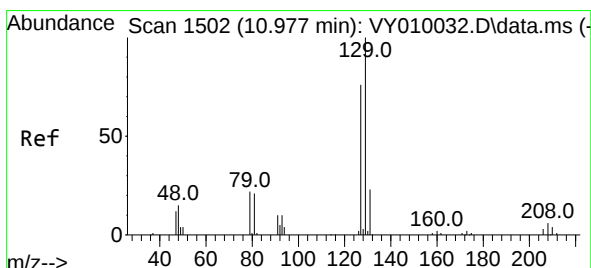
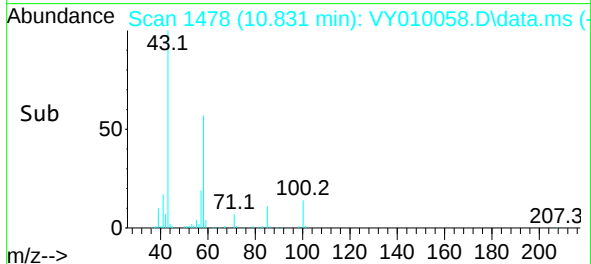
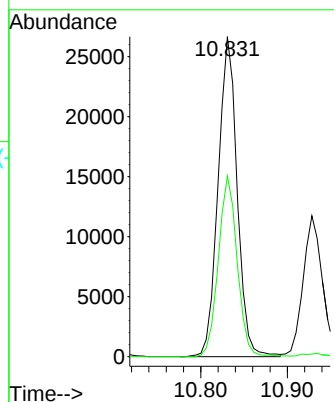
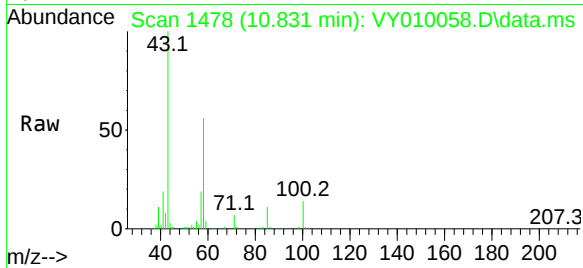




#59
2-Hexanone
Concen: 94.104 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

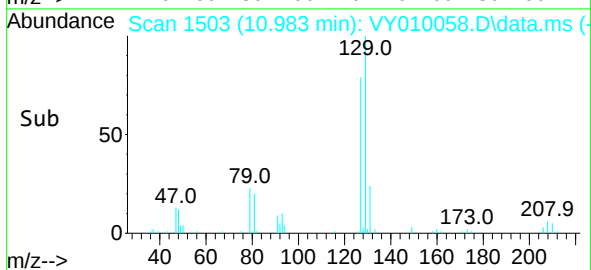
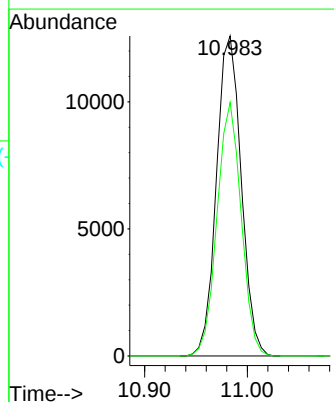
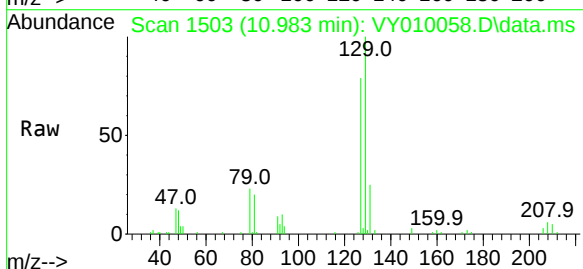
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

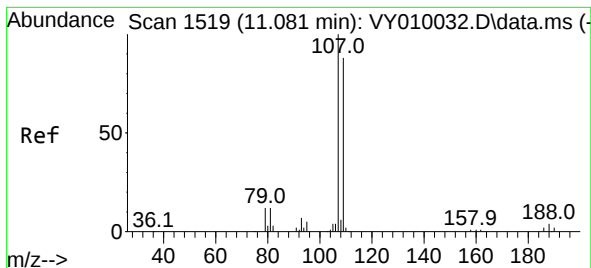
Tgt Ion: 43 Resp: 40735
Ion Ratio Lower Upper
43 100
58 55.8 26.3 78.9



#60
Dibromochloromethane
Concen: 20.430 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 129 Resp: 21068
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.562 ug/l

RT: 11.087 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

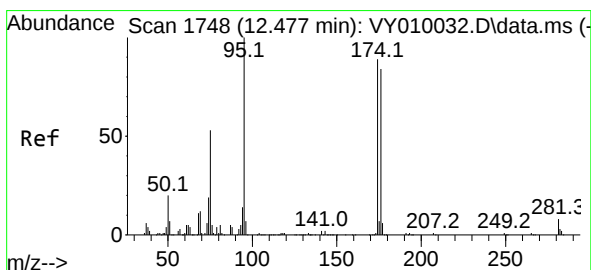
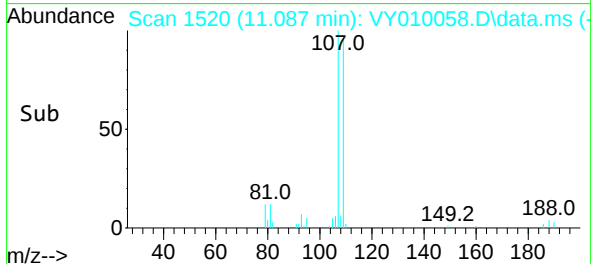
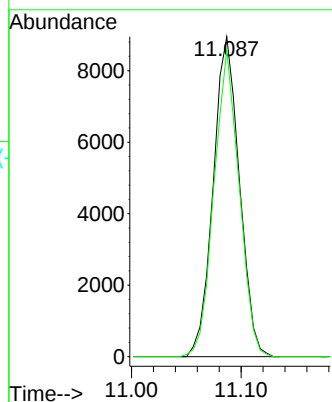
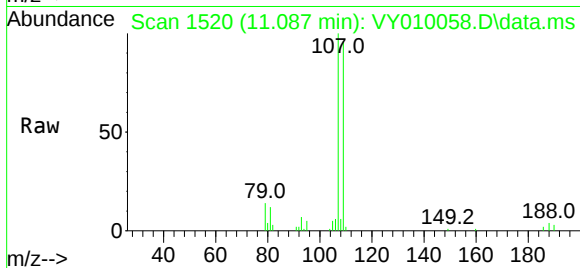
VY0817SBS01

Tgt Ion:107 Resp: 14843

Ion Ratio Lower Upper

107 100

109 92.3 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 53.270 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

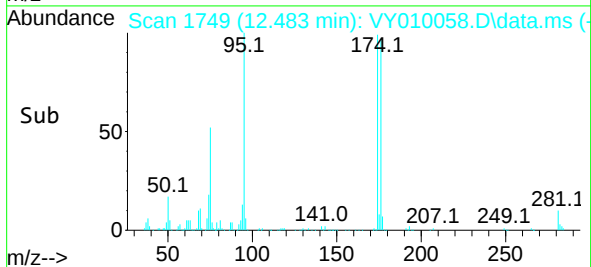
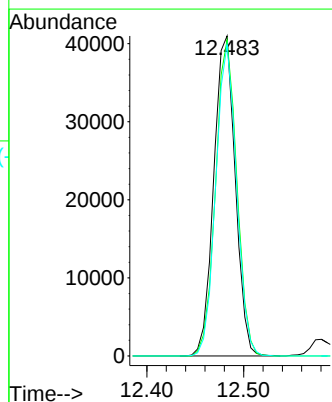
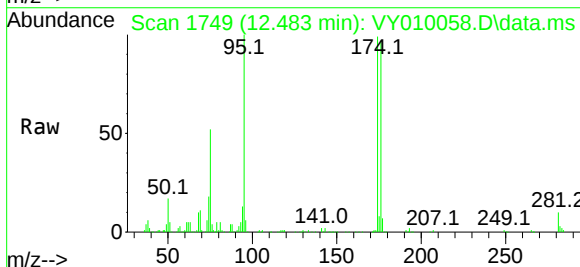
Tgt Ion: 95 Resp: 63225

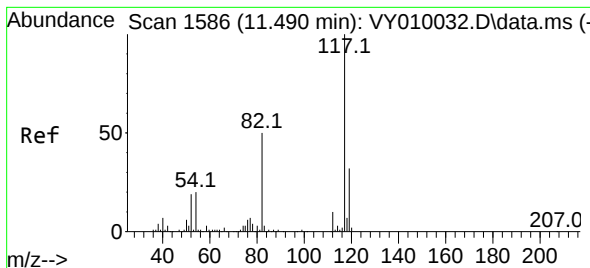
Ion Ratio Lower Upper

95 100

174 97.4 0.0 184.2

176 93.9 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

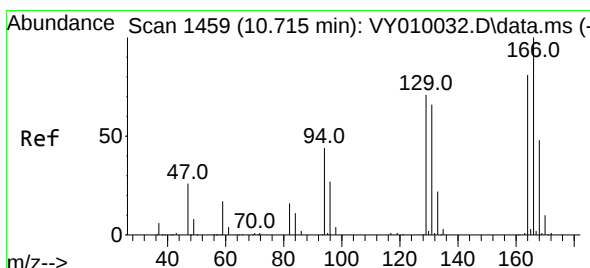
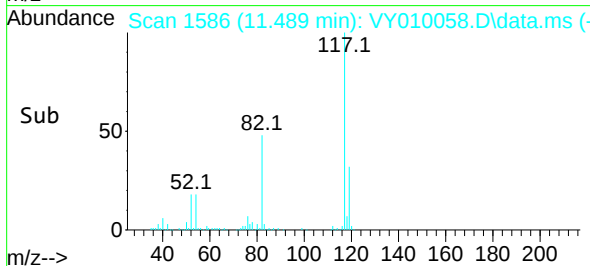
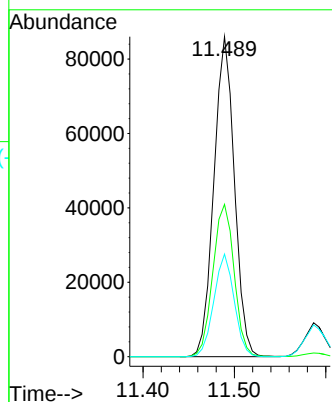
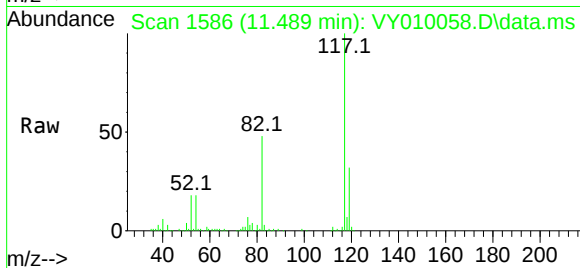
Tgt Ion:117 Resp: 134117

Ion Ratio Lower Upper

117 100

82 47.6 39.8 59.6

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 19.014 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Tgt Ion:164 Resp: 21775

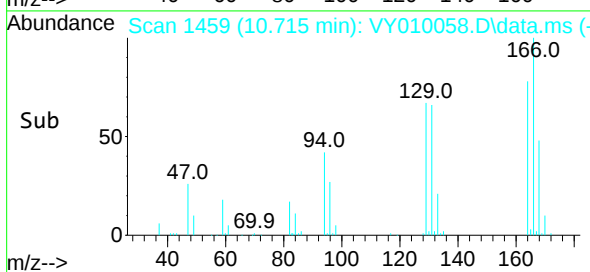
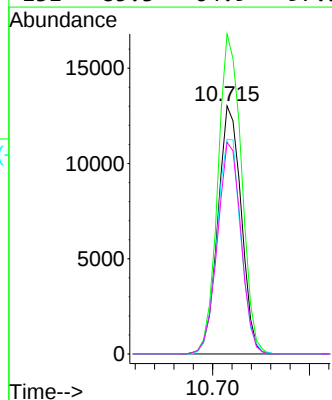
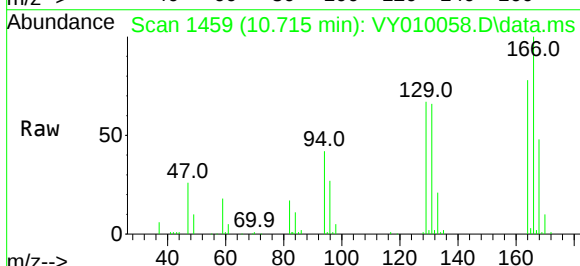
Ion Ratio Lower Upper

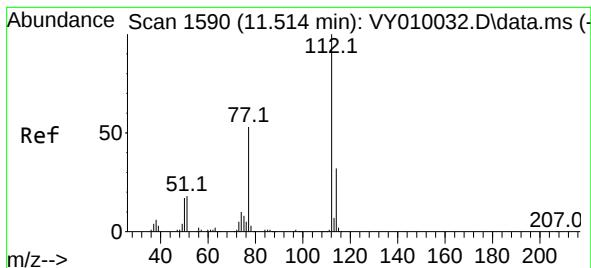
164 100

166 129.0 98.8 148.2

129 86.5 70.1 105.1

131 85.3 64.9 97.3

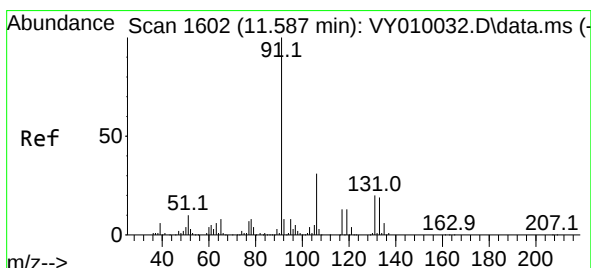
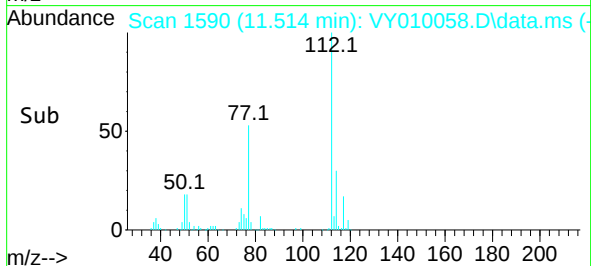
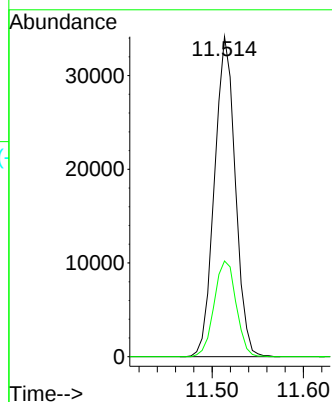
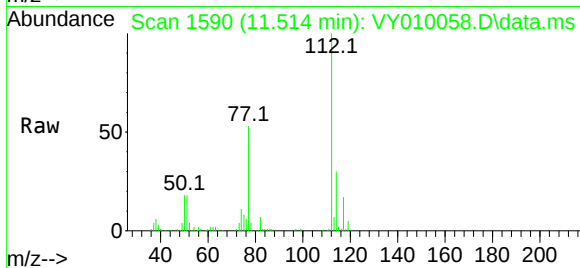




#65
Chlorobenzene
Concen: 19.324 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

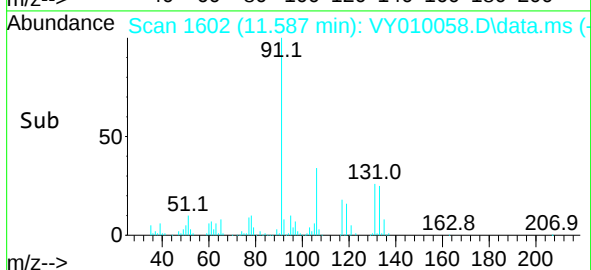
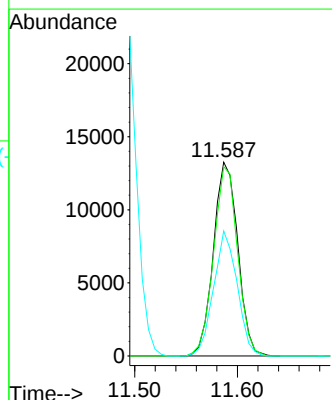
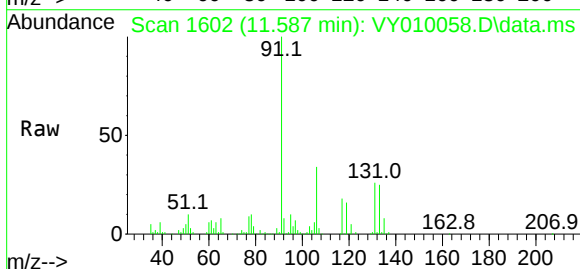
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

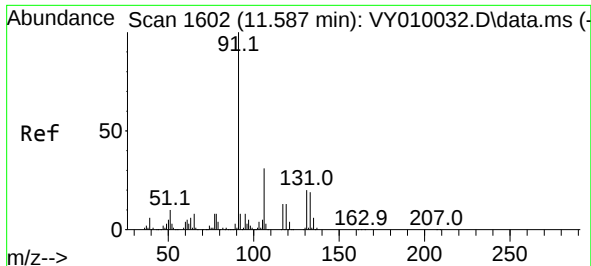
Tgt Ion:112 Resp: 54025
Ion Ratio Lower Upper
112 100
114 29.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.695 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion:131 Resp: 21817
Ion Ratio Lower Upper
131 100
133 96.5 47.0 141.0
119 62.4 30.9 92.7





#67

Ethyl Benzene

Concen: 18.971 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

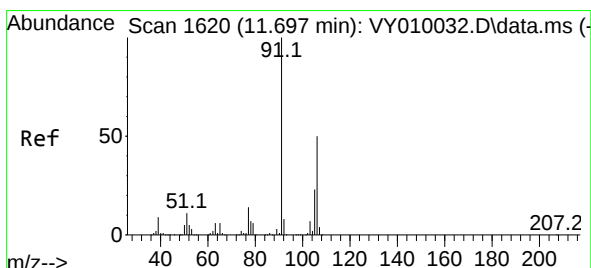
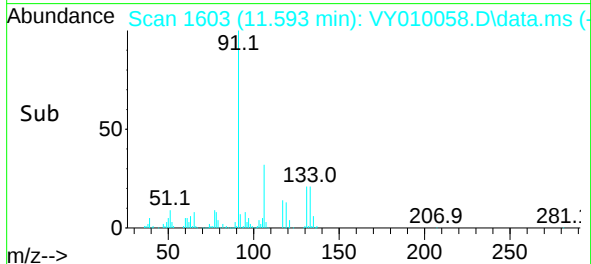
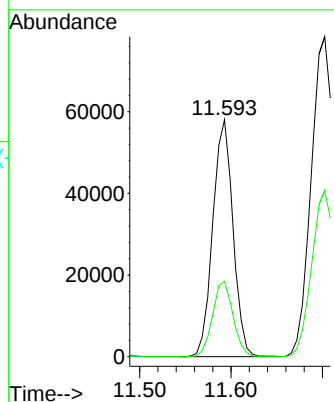
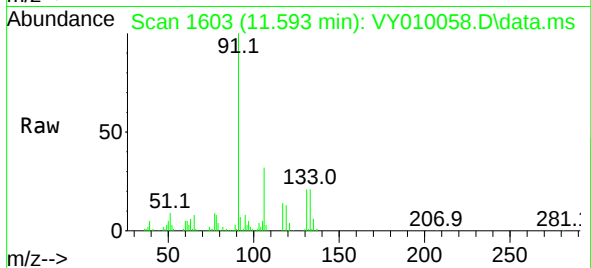
VY0817SBS01

Tgt Ion: 91 Resp: 88922

Ion Ratio Lower Upper

91 100

106 31.8 24.8 37.2



#68

m/p-Xylenes

Concen: 38.954 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010058.D

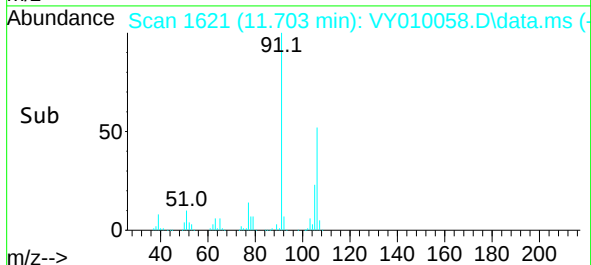
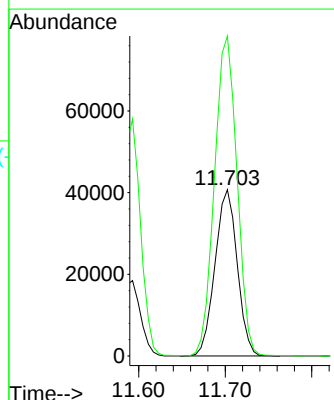
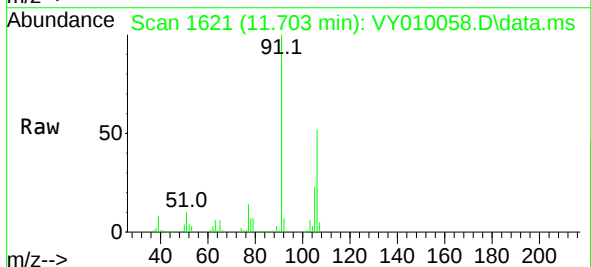
Acq: 17 Aug 2022 10:56

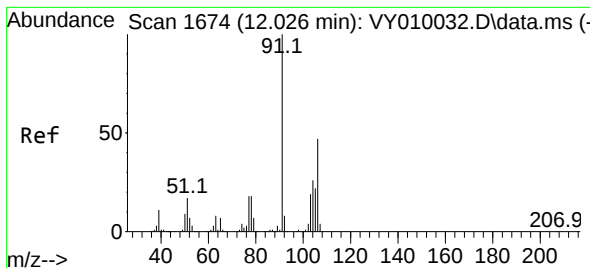
Tgt Ion: 106 Resp: 72532

Ion Ratio Lower Upper

106 100

91 195.4 158.2 237.2





#69

o-Xylene

Concen: 18.932 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

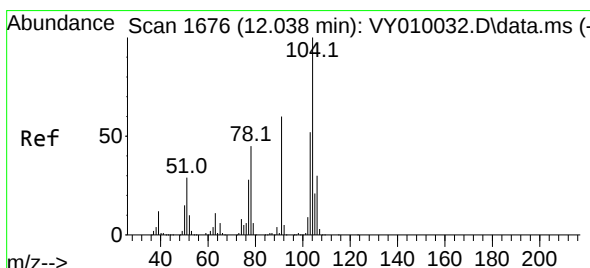
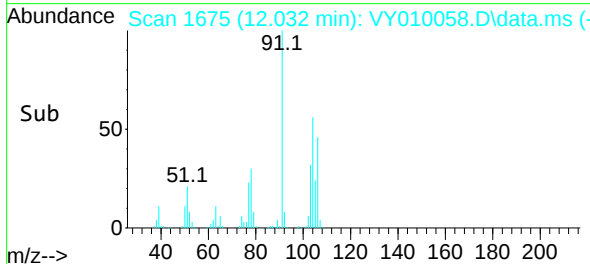
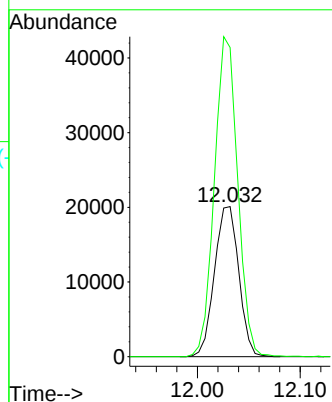
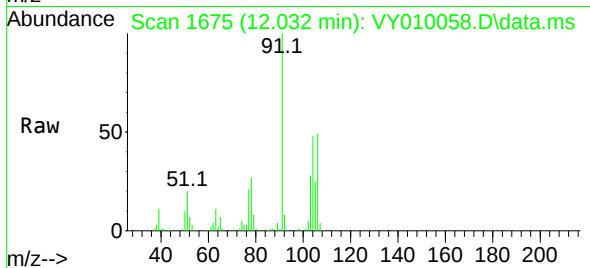
VY0817SBS01

Tgt Ion:106 Resp: 32933

Ion Ratio Lower Upper

106 100

91 205.0 104.6 313.7



#70

Styrene

Concen: 19.369 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

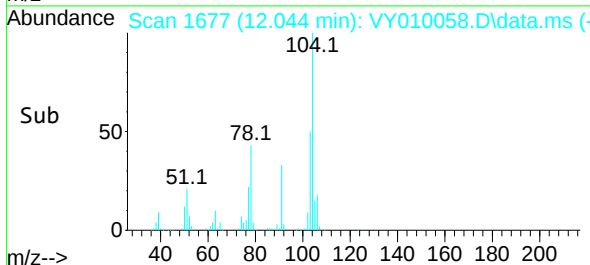
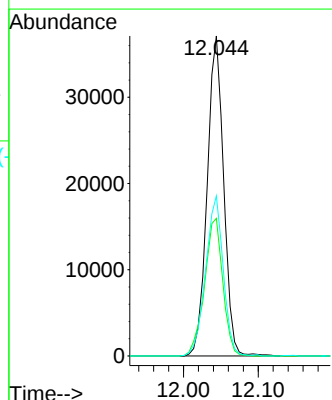
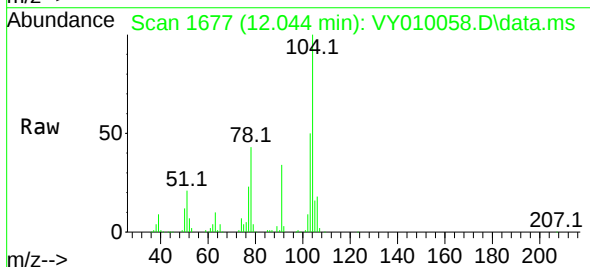
Tgt Ion:104 Resp: 56855

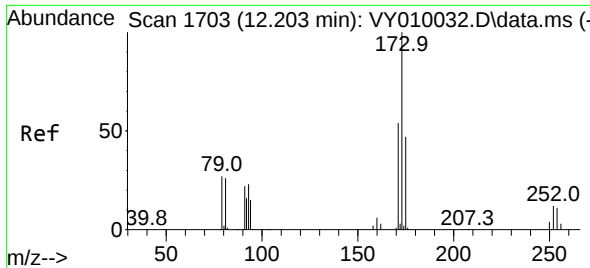
Ion Ratio Lower Upper

104 100

78 47.6 38.2 57.4

103 53.5 44.0 66.0

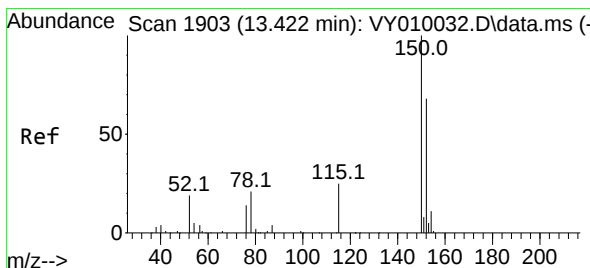
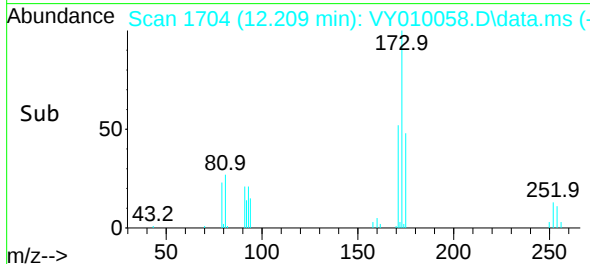
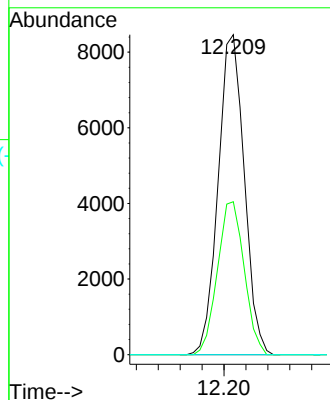
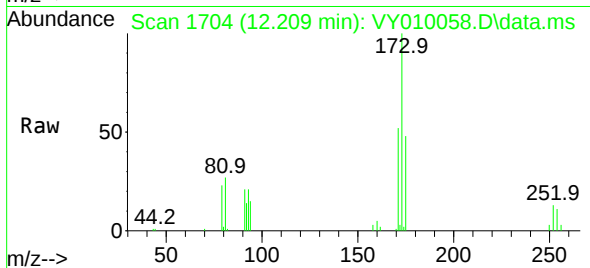




#71
Bromoform
Concen: 20.181 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

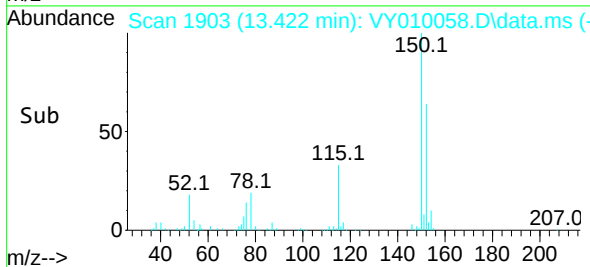
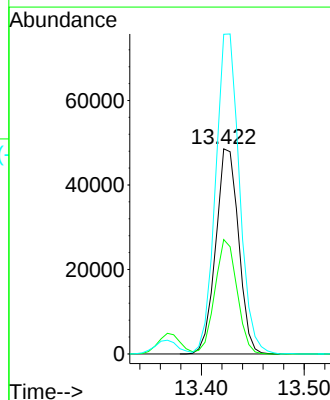
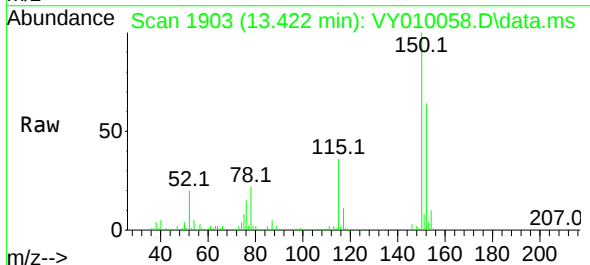
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

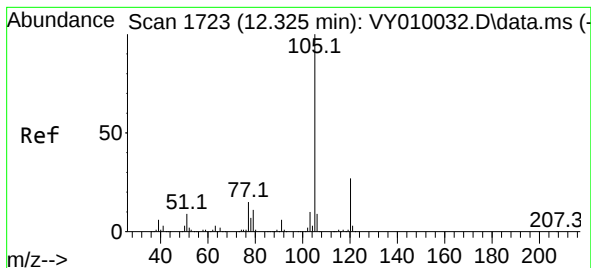
Tgt Ion:173 Resp: 14005
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion:152 Resp: 74798
Ion Ratio Lower Upper
152 100
115 54.2 28.1 84.3
150 162.5 0.0 346.6





#73

Isopropylbenzene

Concen: 19.067 ug/l

RT: 12.330 min Scan# 1

Delta R.T. 0.005 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

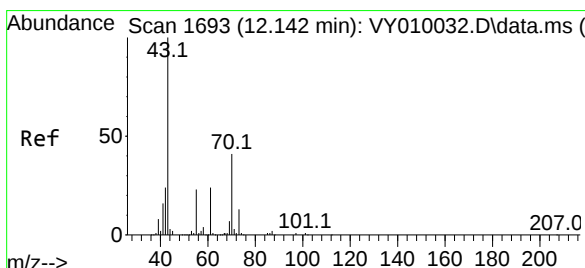
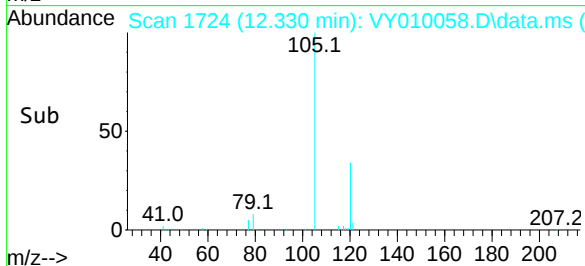
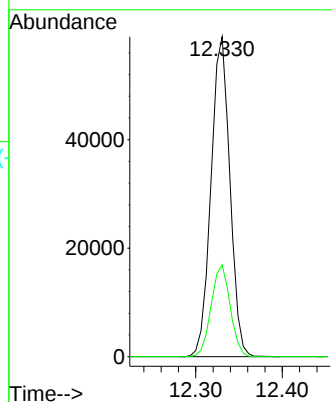
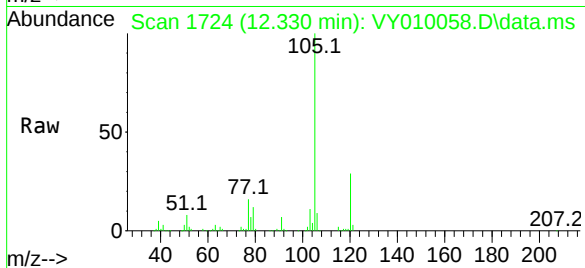
VY0817SBS01

Tgt Ion:105 Resp: 89141

Ion Ratio Lower Upper

105 100

120 28.8 13.5 40.4



#74

N-ethyl acetate

Concen: 18.312 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Tgt Ion: 43 Resp: 19894

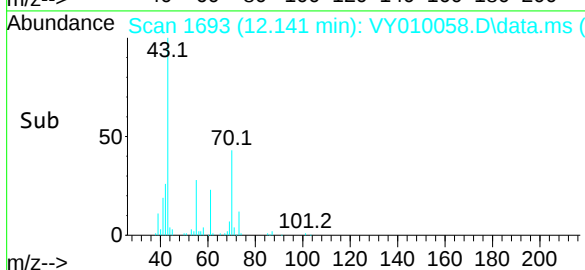
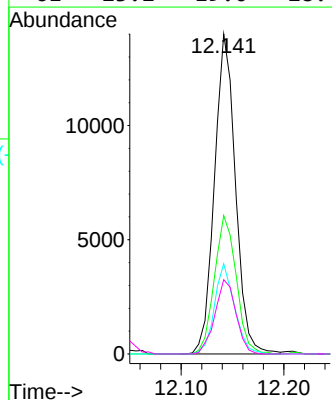
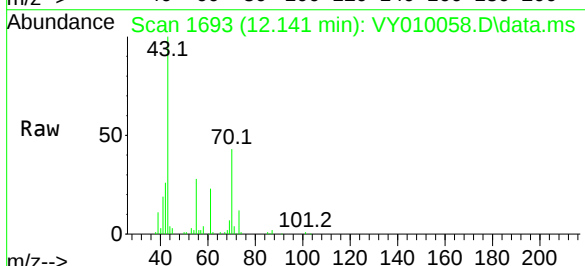
Ion Ratio Lower Upper

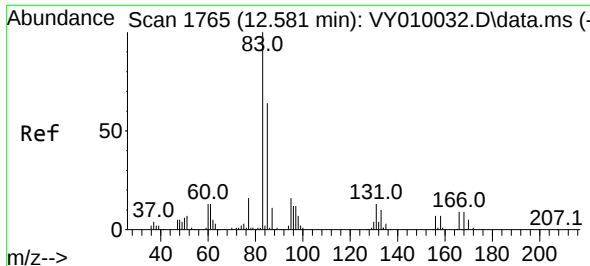
43 100

70 44.8 32.3 48.5

55 26.7 19.3 28.9

61 23.2 19.0 28.4

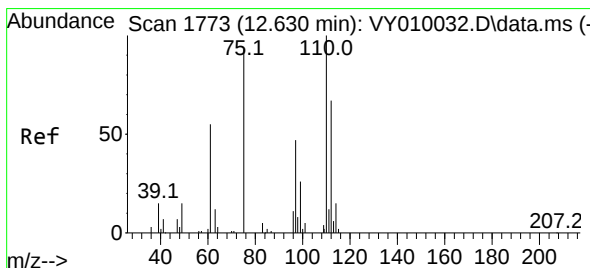
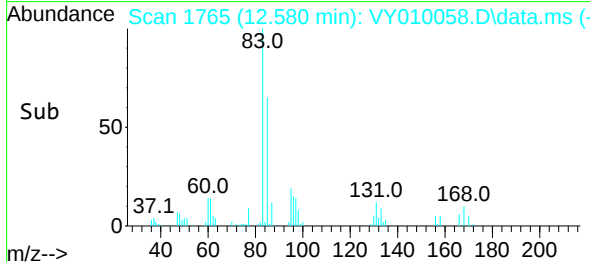
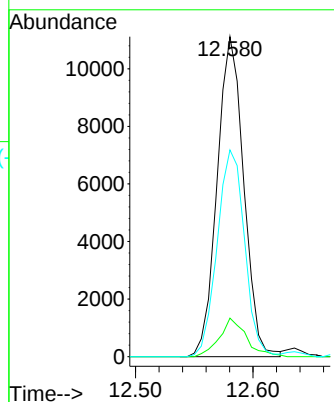
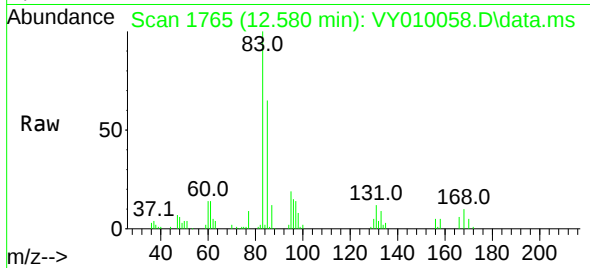




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.837 ug/l
 RT: 12.580 min Scan# 1765
 Delta R.T. -0.001 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

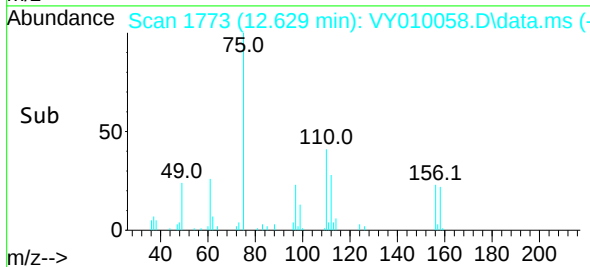
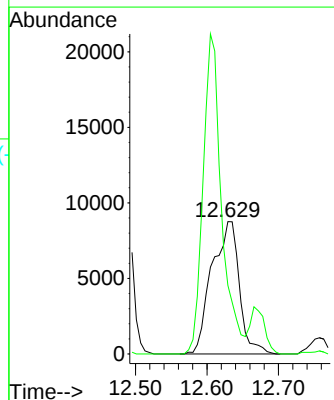
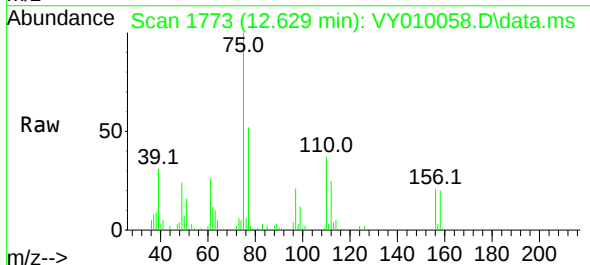
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBS01

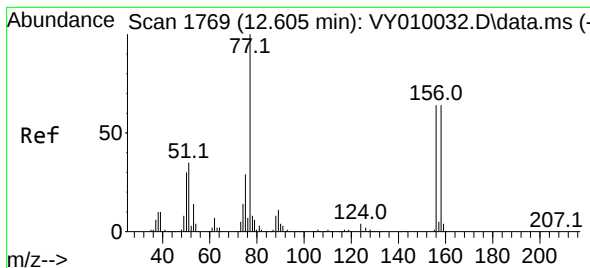
Tgt Ion: 83 Resp: 17507
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.8 17.3
 85 66.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.023 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.001 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

Tgt Ion: 75 Resp: 23414
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.731 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

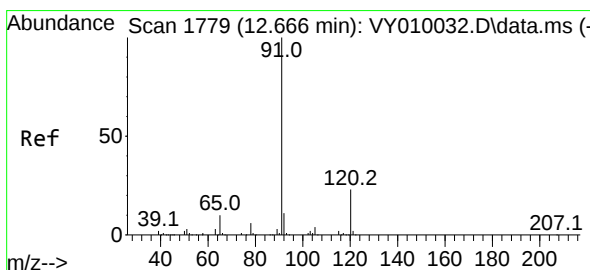
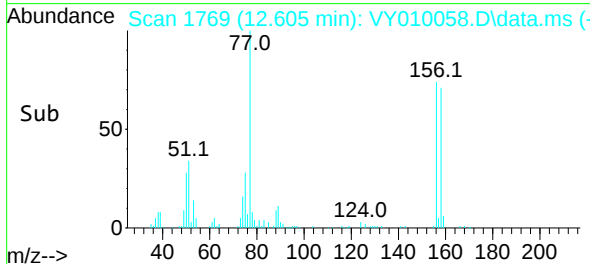
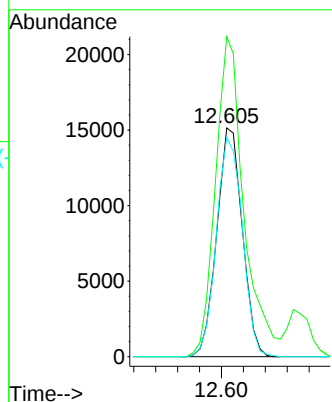
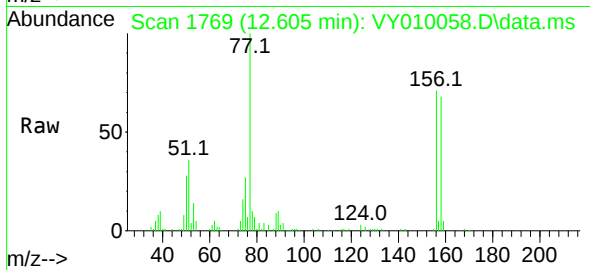
Tgt Ion:156 Resp: 24506

Ion Ratio Lower Upper

156 100

77 155.6 85.9 257.6

158 97.7 48.9 146.8



#78

n-propylbenzene

Concen: 18.831 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY010058.D

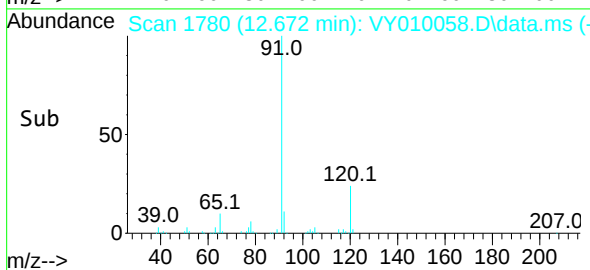
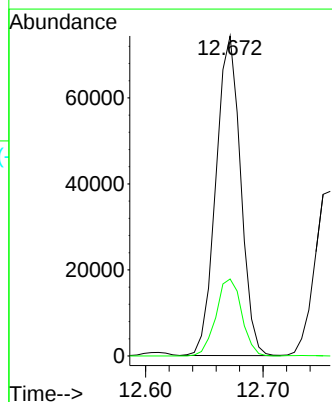
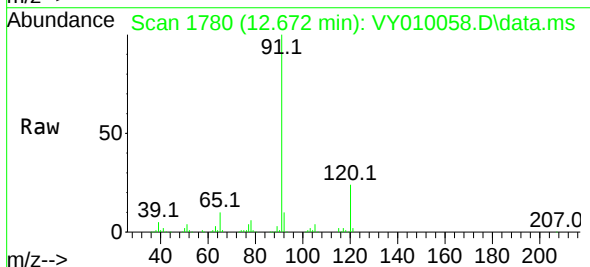
Acq: 17 Aug 2022 10:56

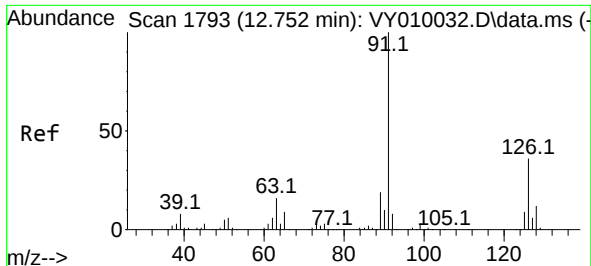
Tgt Ion: 91 Resp: 108538

Ion Ratio Lower Upper

91 100

120 25.0 11.9 35.9





#79

2-Chlorotoluene

Concen: 18.867 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.005 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

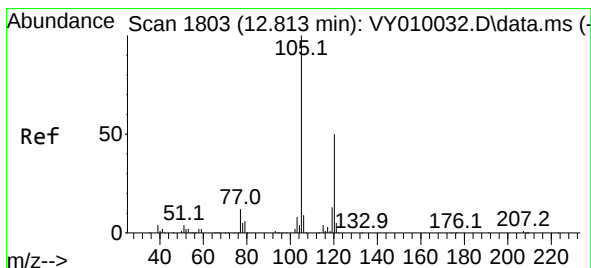
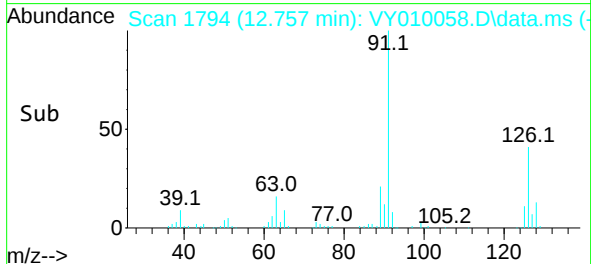
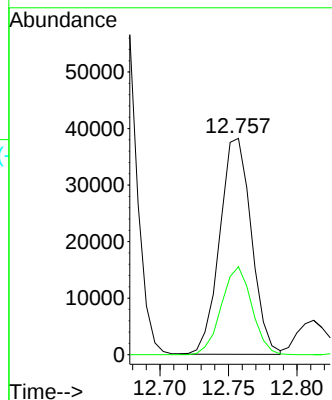
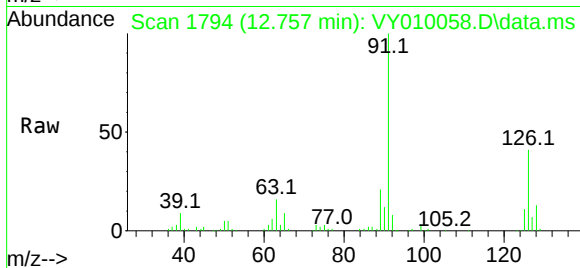
VY0817SBS01

Tgt Ion: 91 Resp: 61494

Ion Ratio Lower Upper

91 100

126 39.1 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 19.656 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY010058.D

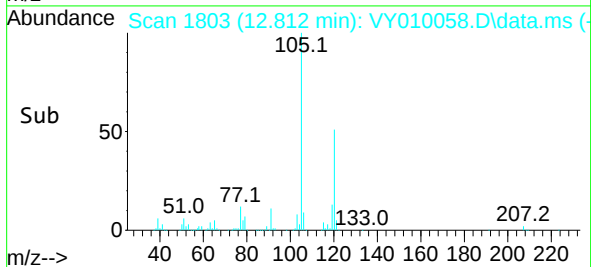
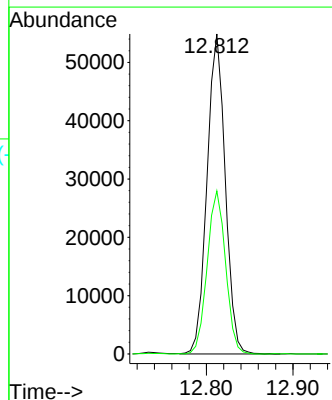
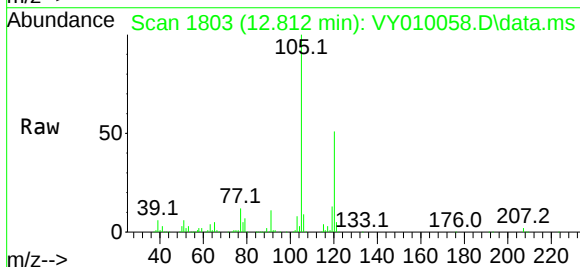
Acq: 17 Aug 2022 10:56

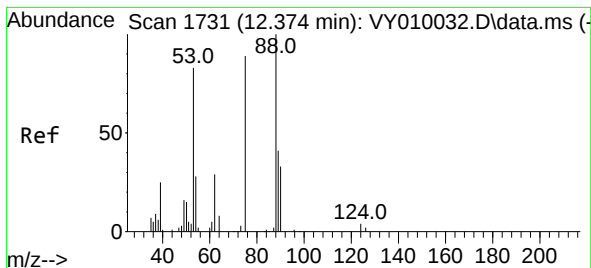
Tgt Ion:105 Resp: 80054

Ion Ratio Lower Upper

105 100

120 51.5 25.0 75.0

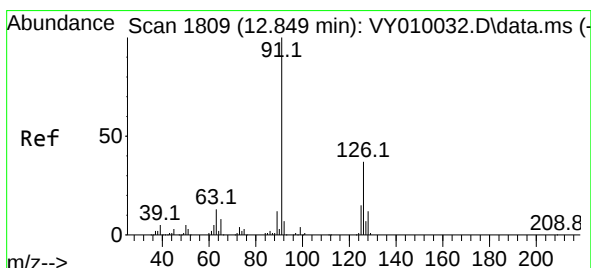
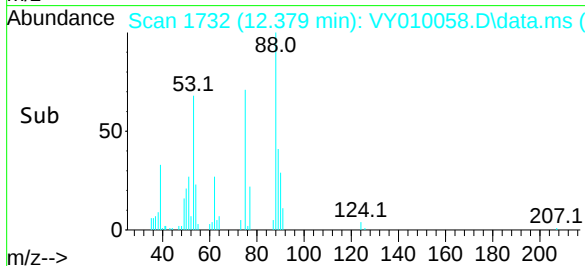
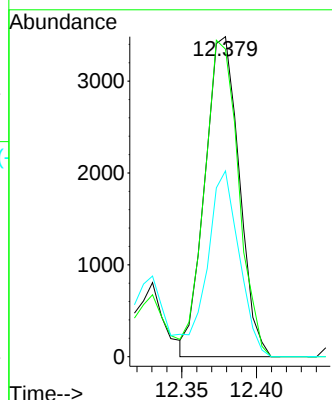
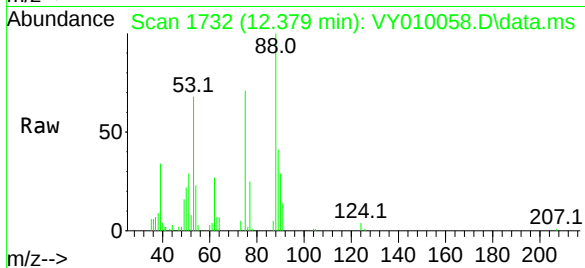




#81
trans-1,4-Dichloro-2-butene
Concen: 17.677 ug/l
RT: 12.379 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

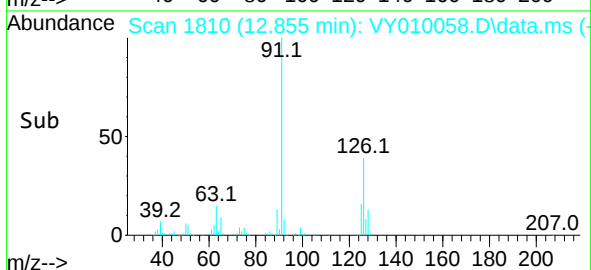
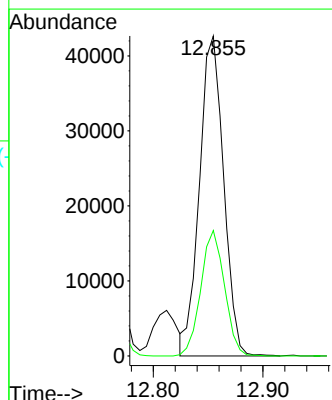
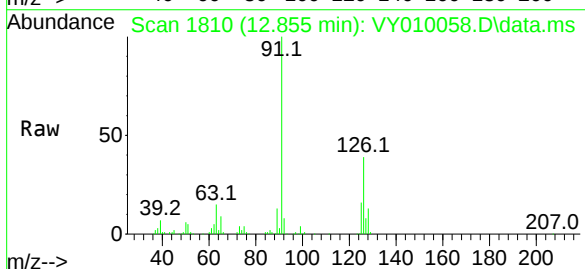
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

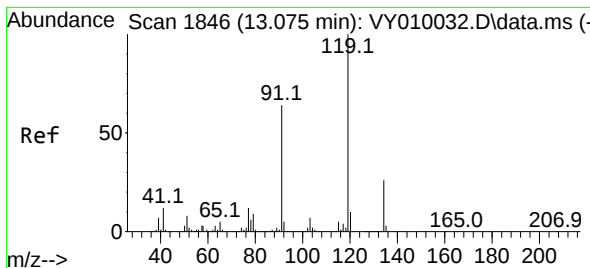
Tgt Ion: 75 Resp: 5546
Ion Ratio Lower Upper
75 100
53 98.2 74.2 111.4
89 52.3 37.8 56.6



#82
4-Chlorotoluene
Concen: 19.139 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 91 Resp: 65254
Ion Ratio Lower Upper
91 100
126 38.5 18.3 54.9





#83

tert-Butylbenzene

Concen: 19.482 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

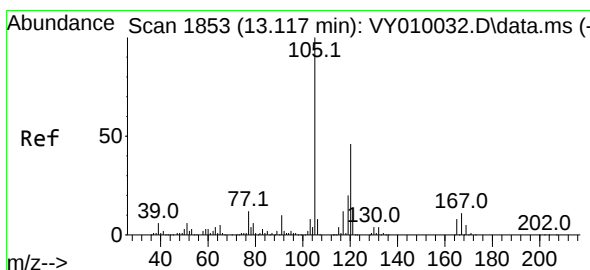
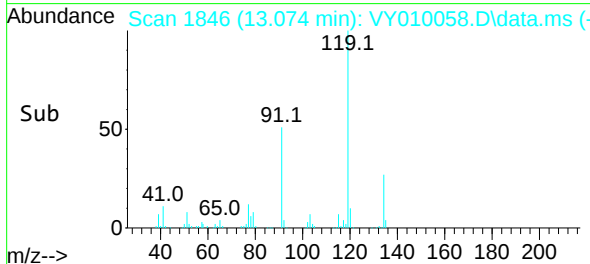
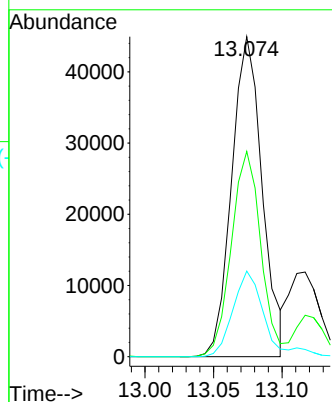
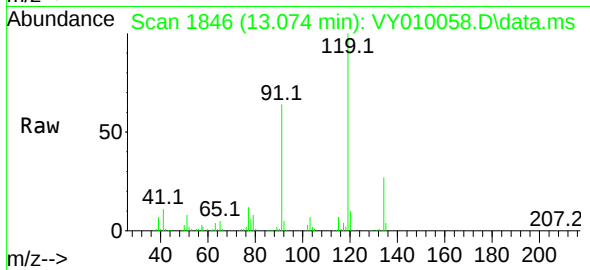
Tgt Ion:119 Resp: 69719

Ion Ratio Lower Upper

119 100

91 61.5 31.6 94.7

134 27.6 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 19.834 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY010058.D

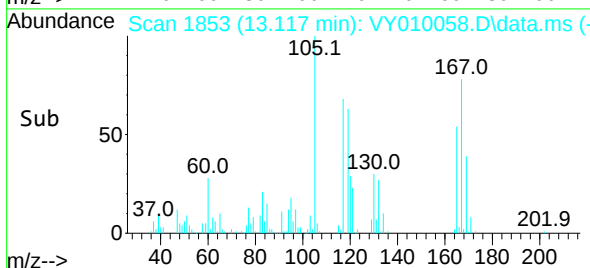
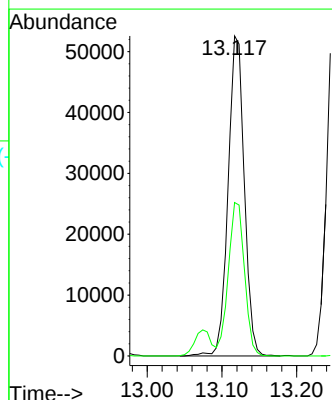
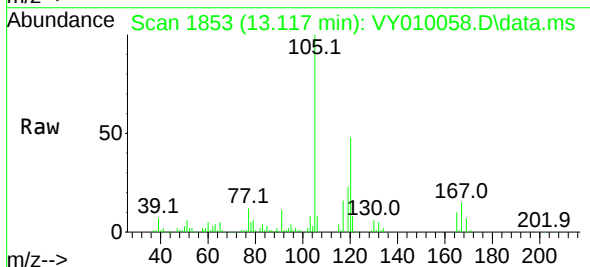
Acq: 17 Aug 2022 10:56

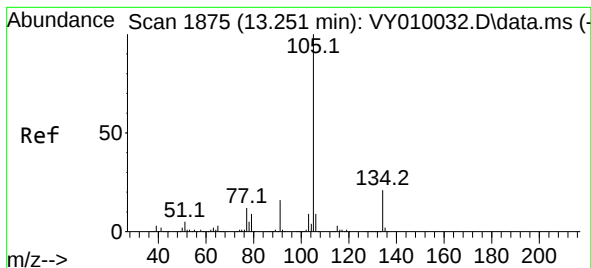
Tgt Ion:105 Resp: 79315

Ion Ratio Lower Upper

105 100

120 47.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.226 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

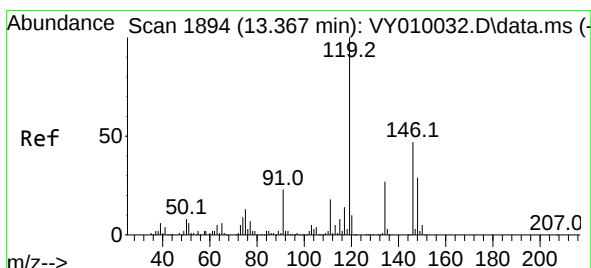
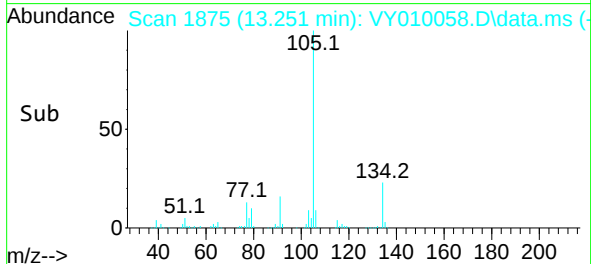
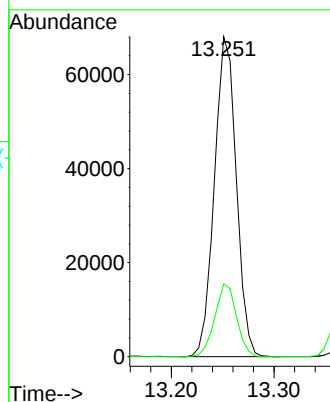
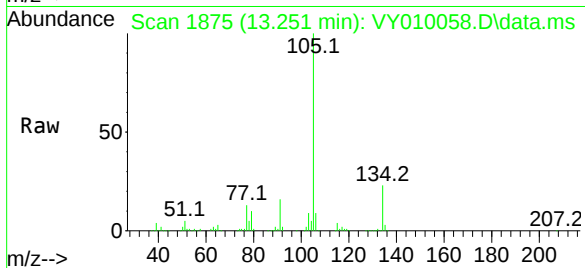
VY0817SBS01

Tgt Ion:105 Resp: 100501

Ion Ratio Lower Upper

105 100

134 22.6 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.499 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

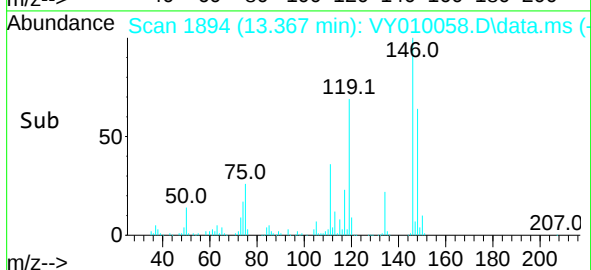
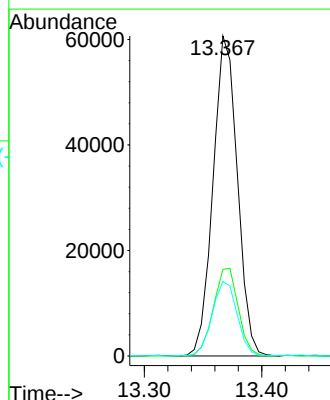
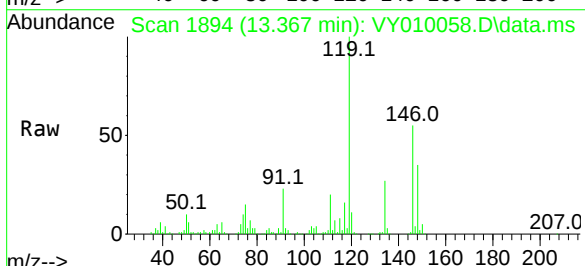
Tgt Ion:119 Resp: 87355

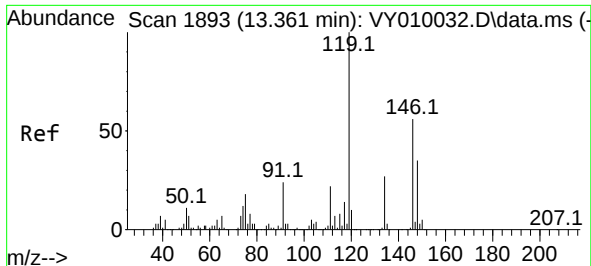
Ion Ratio Lower Upper

119 100

134 28.0 13.8 41.3

91 24.0 11.7 35.0

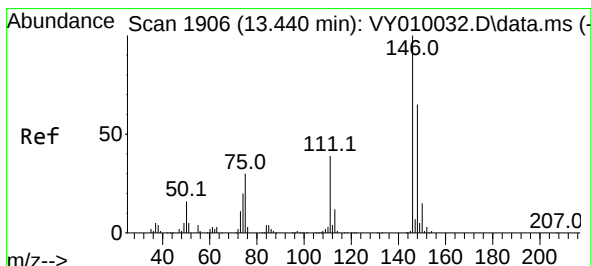
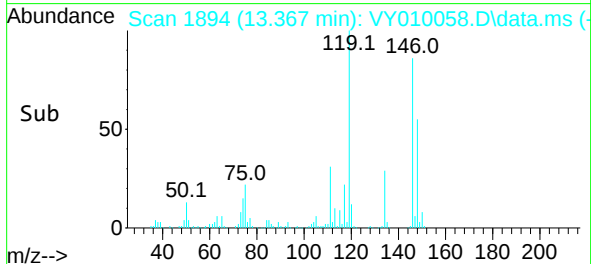
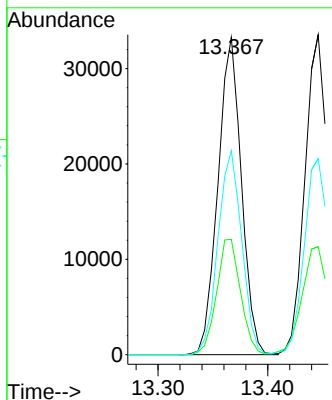
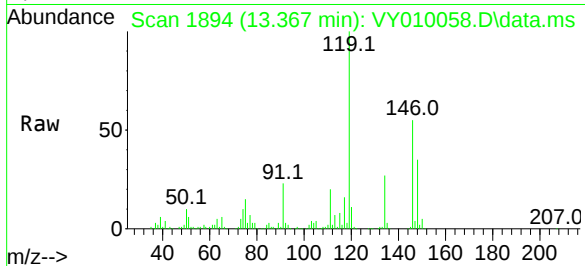




#87
 1,3-Dichlorobenzene
 Concen: 19.595 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

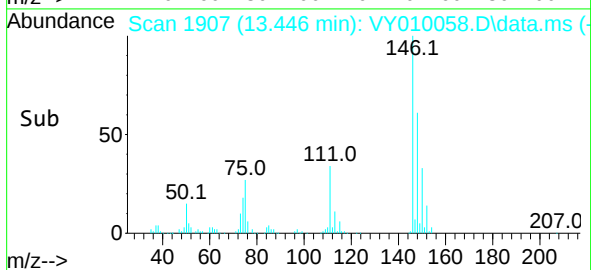
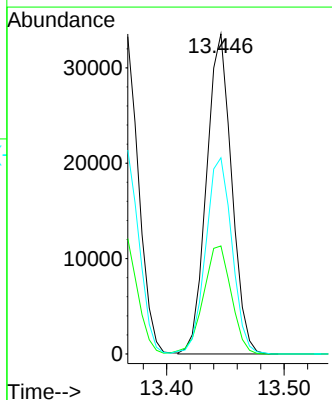
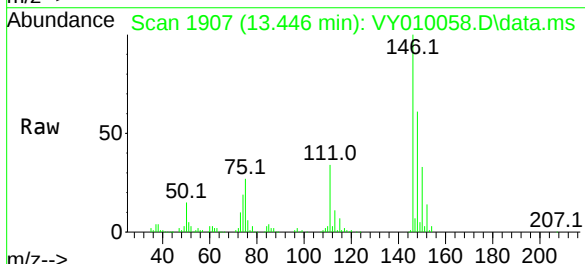
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBS01

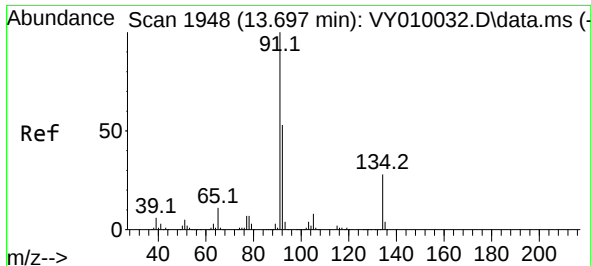
Tgt Ion:146 Resp: 49559
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.2 57.6
 148 65.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.536 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY010058.D
 Acq: 17 Aug 2022 10:56

Tgt Ion:146 Resp: 49882
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.1
 148 64.3 32.3 96.9

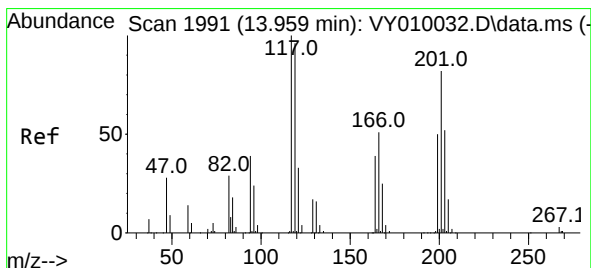
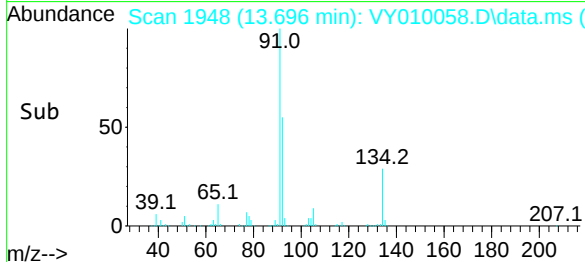
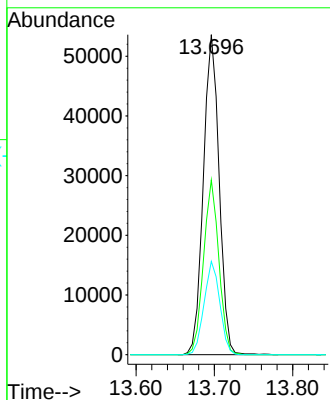
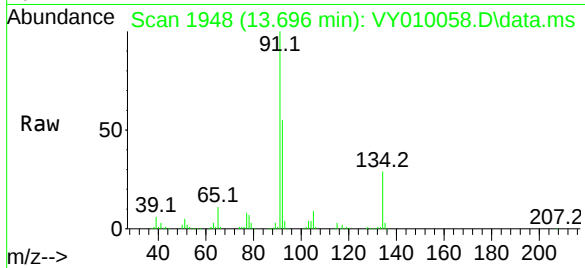




#89
n-Butylbenzene
Concen: 18.800 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

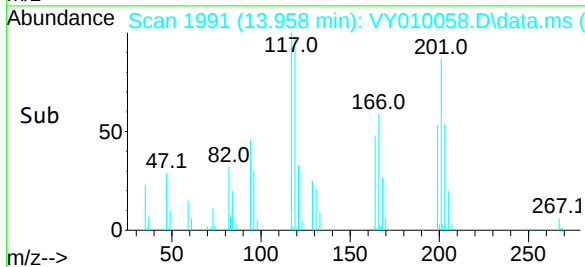
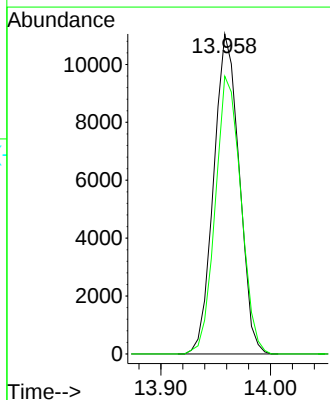
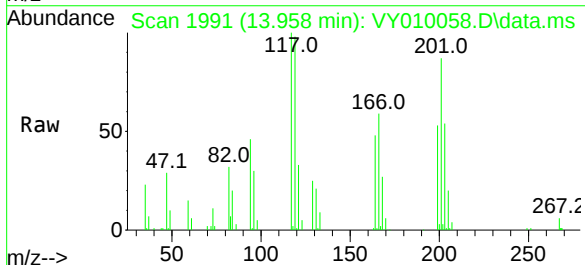
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

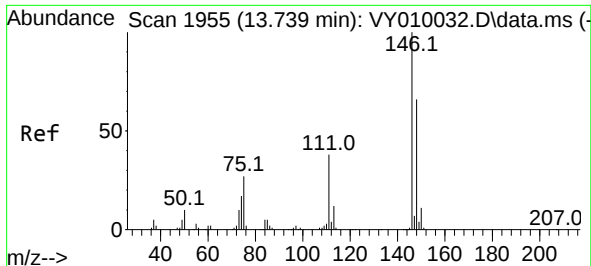
Tgt Ion: 91 Resp: 75034
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 29.0 13.6 40.8



#90
Hexachloroethane
Concen: 19.678 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 117 Resp: 17869
Ion Ratio Lower Upper
117 100
201 87.2 42.4 127.1

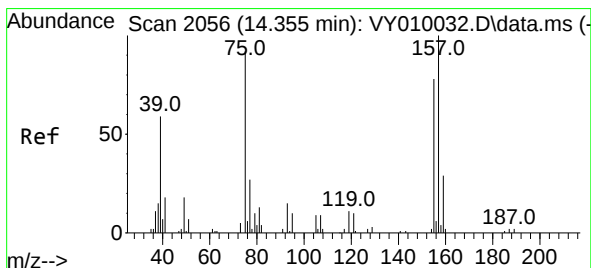
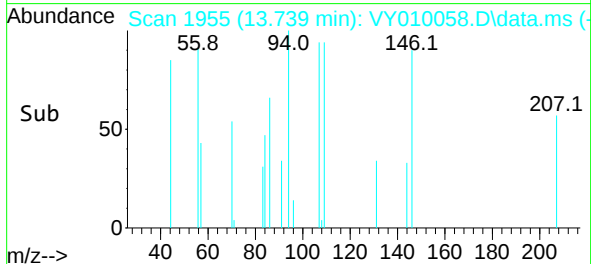
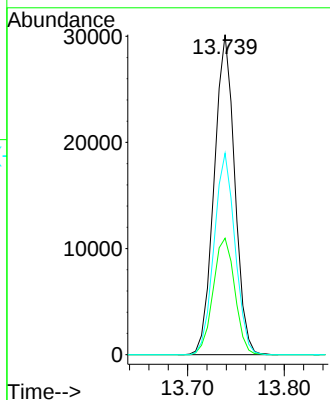
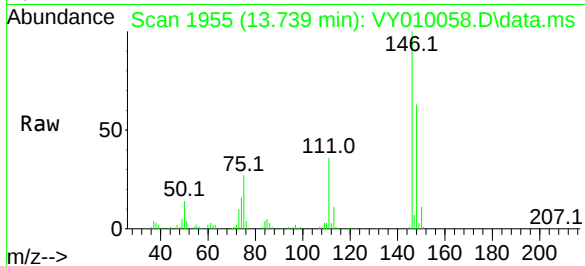




#91
1,2-Dichlorobenzene
Concen: 19.797 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

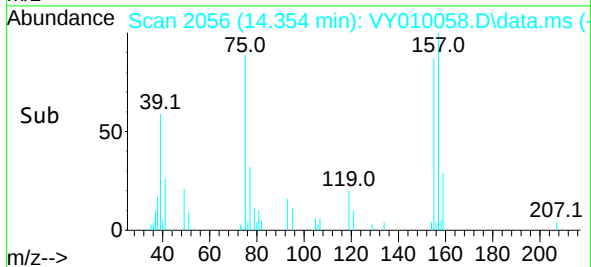
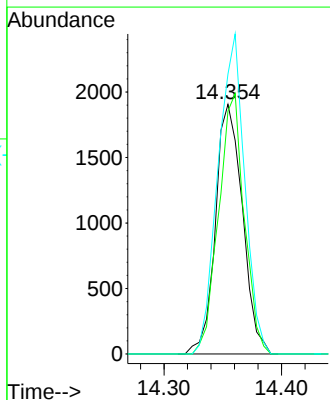
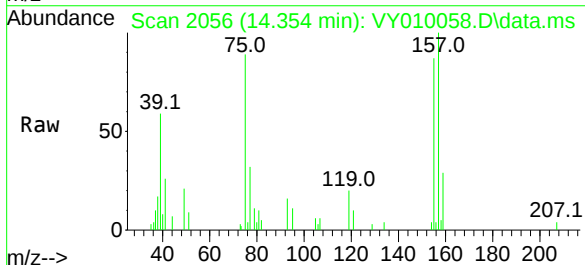
Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

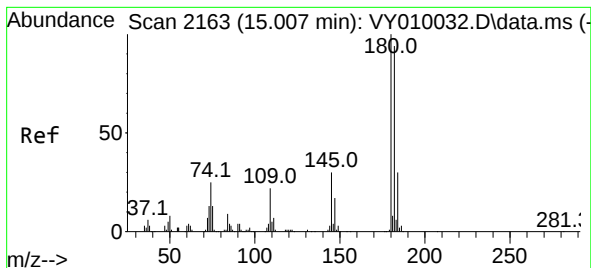
Tgt Ion:146 Resp: 44531
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.4
148 64.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.043 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion: 75 Resp: 3042
Ion Ratio Lower Upper
75 100
155 98.9 46.9 140.6
157 126.6 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 19.769 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBS01

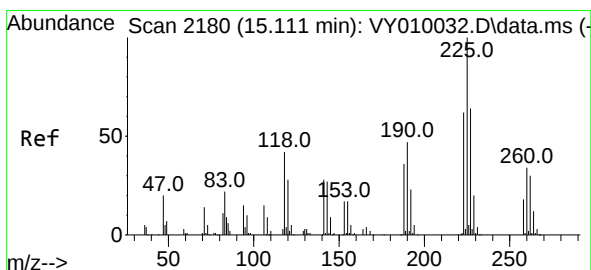
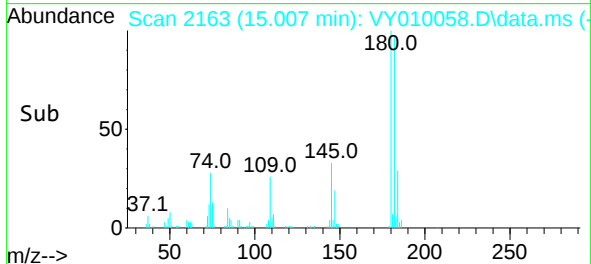
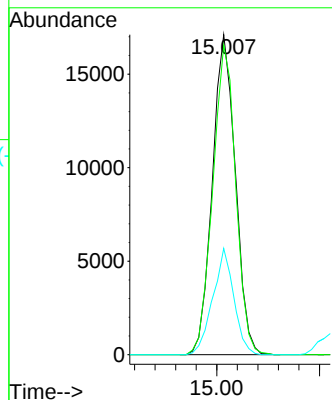
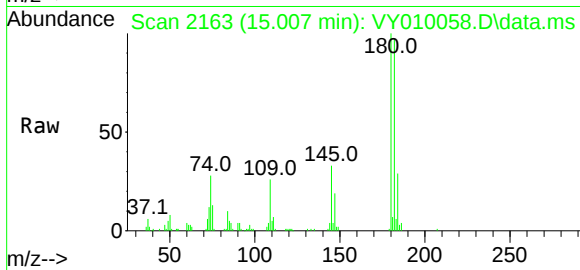
Tgt Ion:180 Resp: 26567

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.2

145 30.5 14.8 44.4



#94

Hexachlorobutadiene

Concen: 21.166 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY010058.D

Acq: 17 Aug 2022 10:56

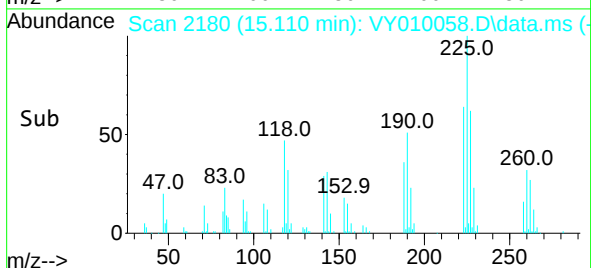
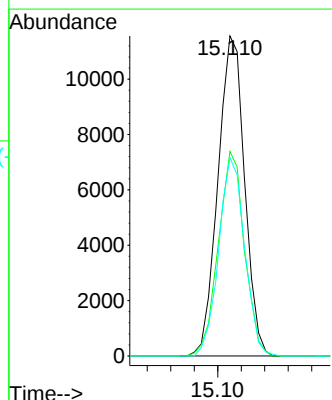
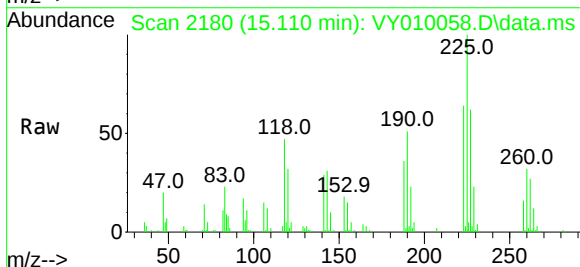
Tgt Ion:225 Resp: 18203

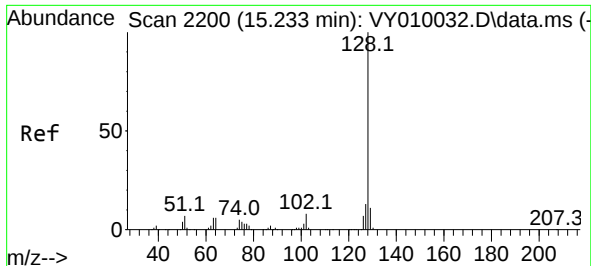
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 60.2 32.6 97.8

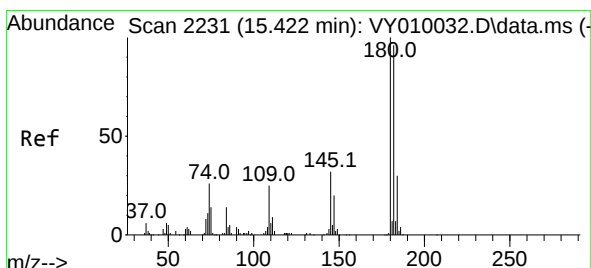
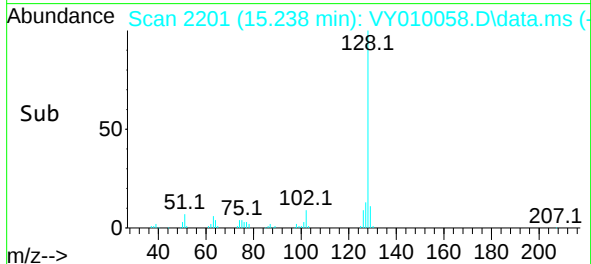
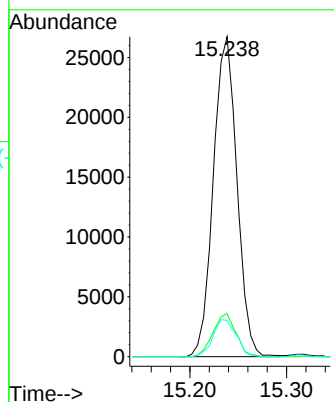
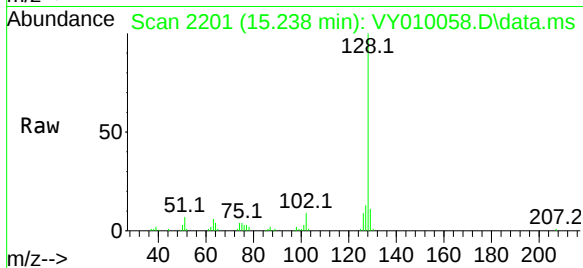




#95
Naphthalene
Concen: 19.031 ug/l
RT: 15.238 min Scan# 21
Delta R.T. 0.005 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBS01

Tgt Ion:128 Resp: 45276
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.774 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. 0.005 min
Lab File: VY010058.D
Acq: 17 Aug 2022 10:56

Tgt Ion:180 Resp: 23388
Ion Ratio Lower Upper
180 100
182 97.5 48.0 144.0
145 31.8 15.7 47.0

