

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY008997.D
 Acq On : 23 May 2022 11:36
 Operator : KP/MD
 Sample : VY0523SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS01

Quant Time: May 24 01:46:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	116275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	196489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50860	42.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.000%
35) Dibromofluoromethane	7.716	113	52058	42.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.220%
50) Toluene-d8	10.179	98	169593	37.624	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.240%
62) 4-Bromofluorobenzene	12.483	95	75828	41.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21683	20.389	ug/l	94
3) Chloromethane	2.113	50	34914	22.916	ug/l	98
4) Vinyl Chloride	2.247	62	50652	22.440	ug/l	99
5) Bromomethane	2.631	94	51195	23.138	ug/l	95
6) Chloroethane	2.784	64	37843	23.665	ug/l	99
7) Trichlorofluoromethane	3.125	101	41534	21.668	ug/l	98
8) Diethyl Ether	3.522	74	12715	21.213	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	24992	21.214	ug/l	94
10) Methyl Iodide	4.082	142	21503	17.676	ug/l	95
11) Tert butyl alcohol	4.948	59	12014	98.976	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	22309	20.399	ug/l	85
13) Acrolein	3.729	56	5962	149.222	ug/l	99
14) Allyl chloride	4.473	41	34624	21.007	ug/l #	90
15) Acrylonitrile	5.161	53	35596	106.067	ug/l	97
16) Acetone	3.942	43	26306	105.605	ug/l	100
17) Carbon Disulfide	4.186	76	70077	19.613	ug/l	97
18) Methyl Acetate	4.473	43	15957	20.571	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	66678	20.313	ug/l	95
20) Methylene Chloride	4.716	84	28505	14.805	ug/l #	77
21) trans-1,2-Dichloroethene	5.210	96	27098	19.304	ug/l	89
22) Diisopropyl ether	6.119	45	78611	19.853	ug/l #	92
23) Vinyl Acetate	6.052	43	264610	101.025	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	49126	20.743	ug/l	96
25) 2-Butanone	6.984	43	45166	101.516	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	45566	20.886	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	31631	19.989	ug/l	89
28) Bromochloromethane	7.332	49	18128	22.300	ug/l	96
29) Tetrahydrofuran	7.344	42	30831	102.014	ug/l #	87
30) Chloroform	7.503	83	51612	20.188	ug/l	100
31) Cyclohexane	7.783	56	46264	19.762	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	46422	20.015	ug/l	99
36) 1,1-Dichloropropene	7.917	75	40290	19.376	ug/l	98
37) Ethyl Acetate	7.070	43	20276	18.798	ug/l #	95
38) Carbon Tetrachloride	7.899	117	41529	19.092	ug/l	99
39) Methylcyclohexane	9.179	83	49672	18.507	ug/l	91
40) Benzene	8.155	78	113315	18.898	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	28884	51.894	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	35418	20.116	ug/l	95
43) Isopropyl Acetate	8.271	43	39027	19.459	ug/l #	91
44) Trichloroethene	8.935	130	29588	18.636	ug/l	90
45) 1,2-Dichloropropane	9.216	63	28750	19.969	ug/l	99
46) Dibromomethane	9.301	93	17684	19.317	ug/l	92
47) Bromodichloromethane	9.496	83	40442	19.330	ug/l	97
48) Methyl methacrylate	9.289	41	18259	20.389	ug/l	91
49) 1,4-Dioxane	9.289	88	4350	355.457	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	109614	98.755	ug/l	94
52) Toluene	10.240	92	79099	18.877	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	42287	19.033	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	45351	18.987	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	23709	18.511	ug/l	94
56) Ethyl methacrylate	10.508	69	29061	17.747	ug/l	91
57) 1,3-Dichloropropane	10.789	76	40451	19.361	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	68332	96.456	ug/l	96
59) 2-Hexanone	10.831	43	74909	98.570	ug/l	91
60) Dibromochloromethane	10.978	129	28863	18.590	ug/l	98
61) 1,2-Dibromoethane	11.087	107	23316	18.371	ug/l	100
64) Tetrachloroethene	10.721	164	26345	19.344	ug/l	94
65) Chlorobenzene	11.514	112	80847	18.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	30178	19.190	ug/l	96
67) Ethyl Benzene	11.593	91	146051	18.870	ug/l	98
68) m/p-Xylenes	11.703	106	118931	37.853	ug/l	91
69) o-Xylene	12.032	106	54384	18.639	ug/l	91
70) Styrene	12.044	104	91575	18.251	ug/l	94
71) Bromoform	12.209	173	18800	18.034	ug/l #	98
73) Isopropylbenzene	12.331	105	144495	18.749	ug/l	98
74) N-amyl acetate	12.142	43	36146	20.329	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	30601	19.276	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	39227	35.442	ug/l #	100
77) Bromobenzene	12.611	156	33526	18.767	ug/l	95
78) n-propylbenzene	12.672	91	182299	20.474	ug/l	100
79) 2-Chlorotoluene	12.758	91	98426	19.164	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	122748	19.003	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	10130	18.786	ug/l	93
82) 4-Chlorotoluene	12.855	91	107181	19.511	ug/l	99
83) tert-Butylbenzene	13.075	119	108117	18.866	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	123978	19.334	ug/l	97
85) sec-Butylbenzene	13.252	105	169330	19.312	ug/l	100
86) p-Isopropyltoluene	13.367	119	141505	19.353	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	72476	19.018	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	73196	19.118	ug/l	100
89) n-Butylbenzene	13.697	91	135630	20.276	ug/l	97
90) Hexachloroethane	13.959	117	26598	19.411	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	64647	19.218	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4793	19.447	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	33660	18.232	ug/l	100
94) Hexachlorobutadiene	15.111	225	19518	19.397	ug/l	99
95) Naphthalene	15.239	128	65635	17.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	30095	18.759	ug/l	96

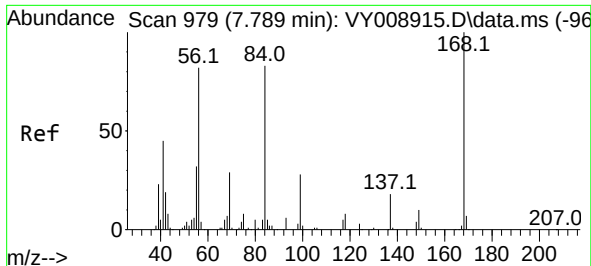
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Response via : Initial Calibration

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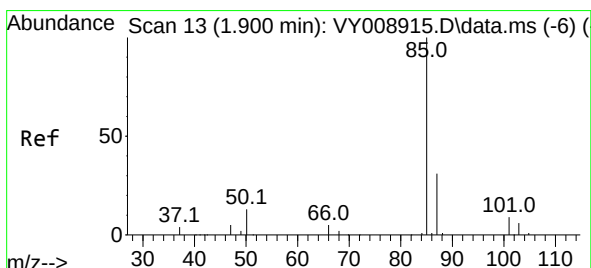
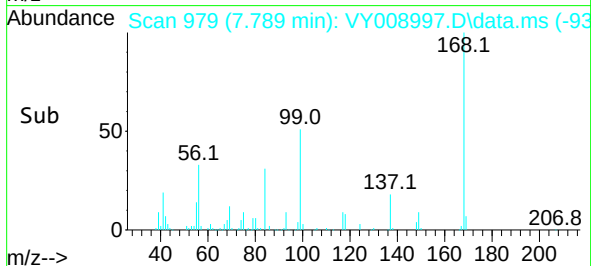
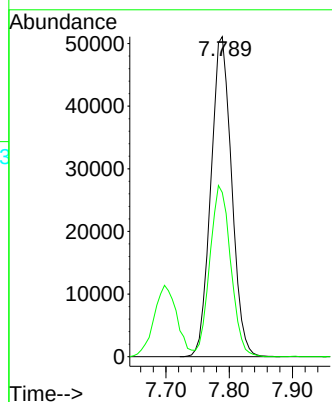
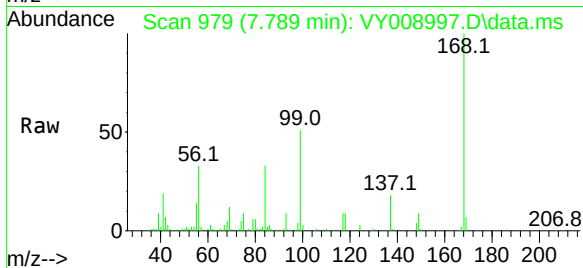
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

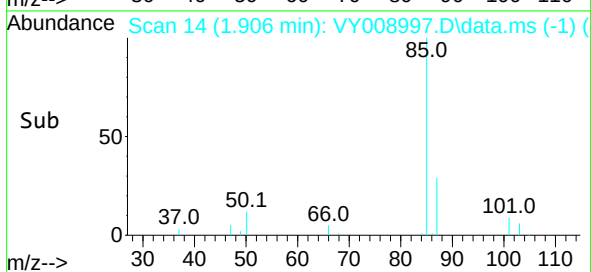
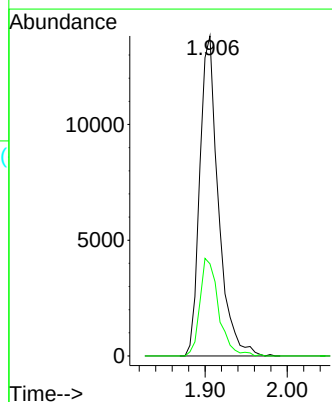
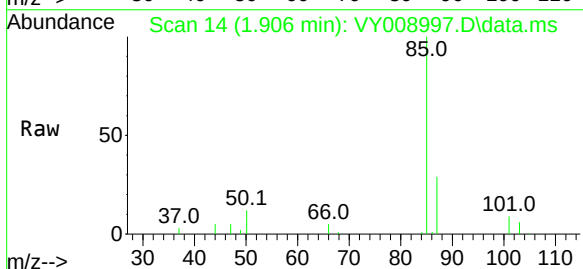
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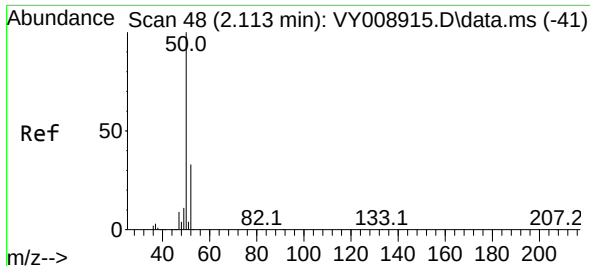
Tgt Ion:168 Resp: 116275
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 20.389 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 85 Resp: 21683
Ion Ratio Lower Upper
85 100
87 28.8 16.1 48.2

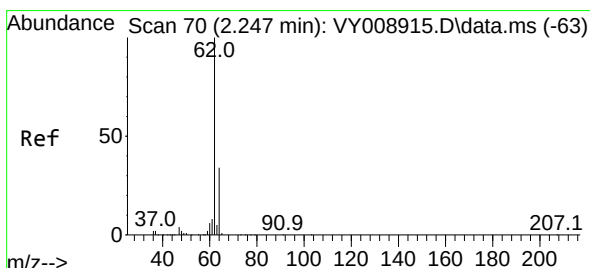
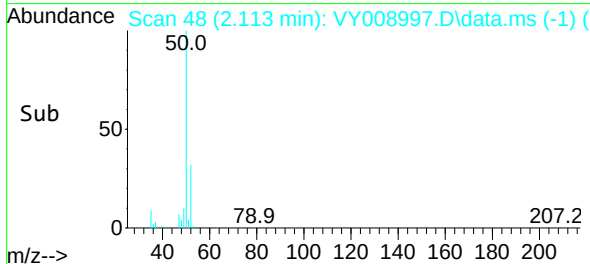
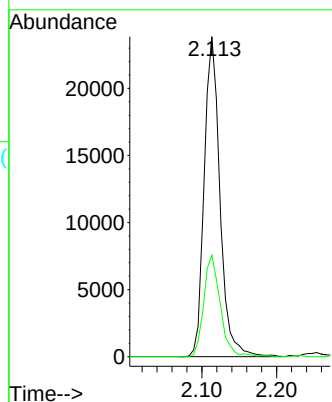
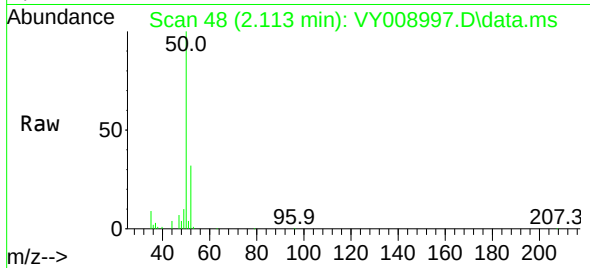




#3
Chloromethane
Concen: 22.916 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

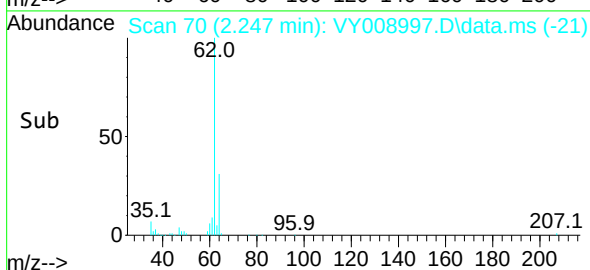
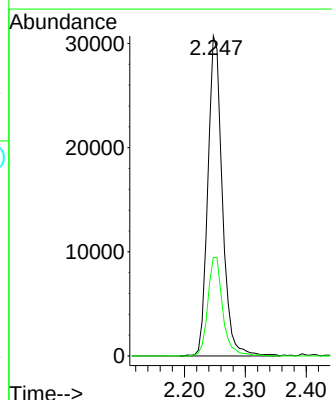
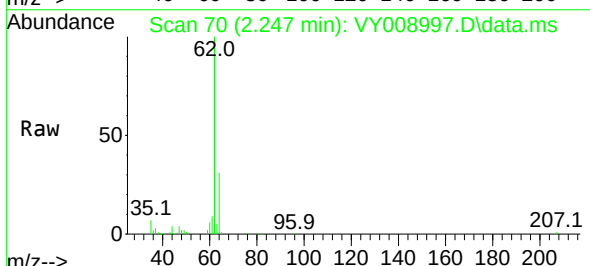
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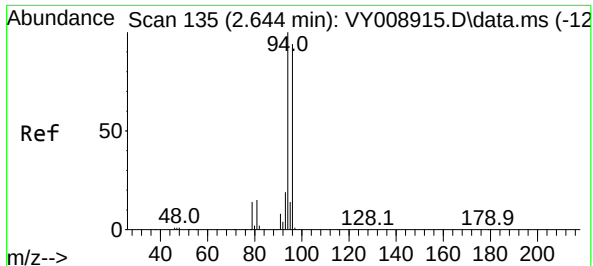
Tgt Ion: 50 Resp: 34914
Ion Ratio Lower Upper
50 100
52 31.7 24.6 37.0



#4
Vinyl Chloride
Concen: 22.440 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 62 Resp: 50652
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.6

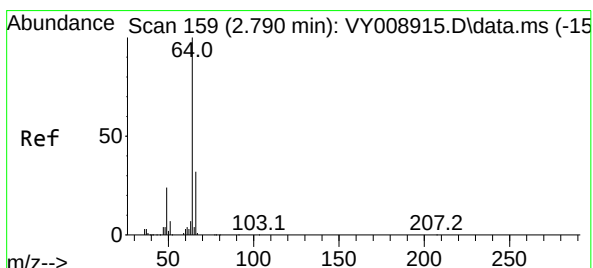
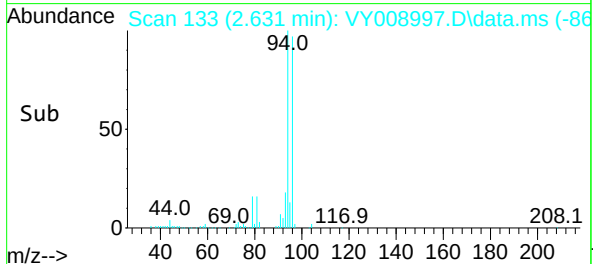
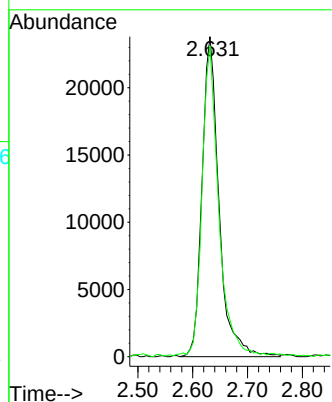
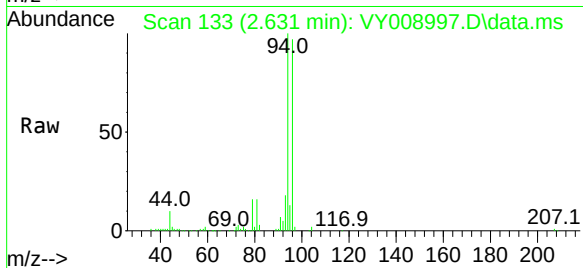




#5
Bromomethane
Concen: 23.138 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

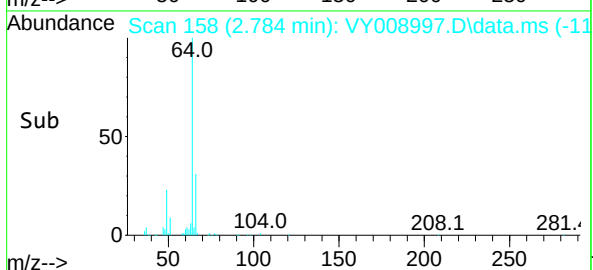
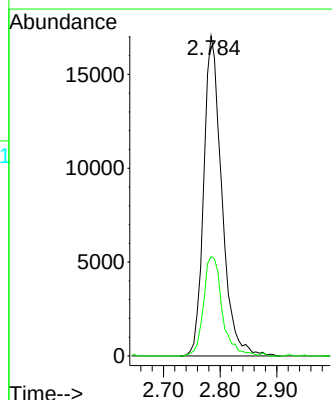
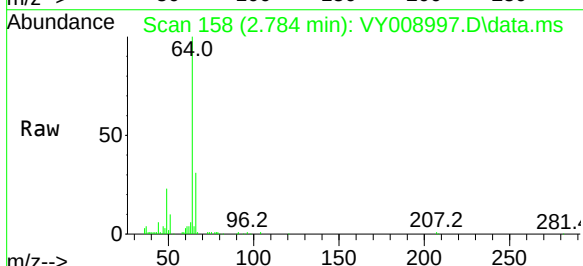
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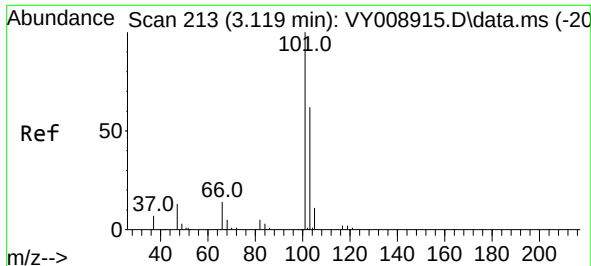
Tgt Ion: 94 Resp: 51195
Ion Ratio Lower Upper
94 100
96 96.3 73.5 110.3



#6
Chloroethane
Concen: 23.665 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 64 Resp: 37843
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0

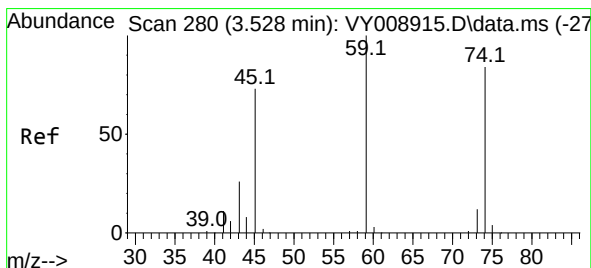
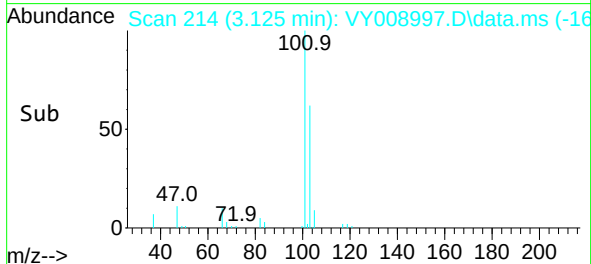
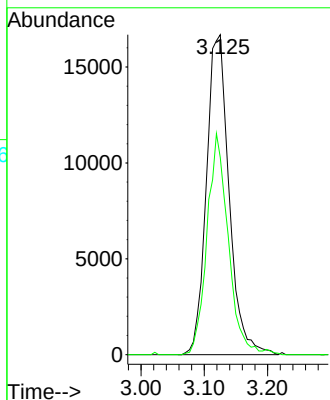
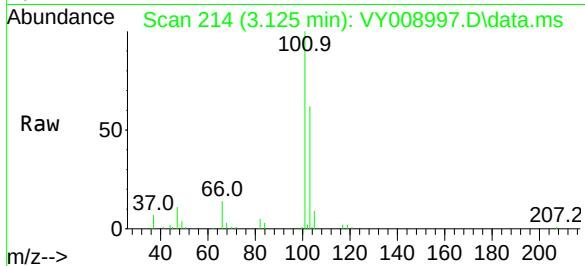




#7
 Trichlorofluoromethane
 Concen: 21.668 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY008997.D
 Acq: 23 May 2022 11:36

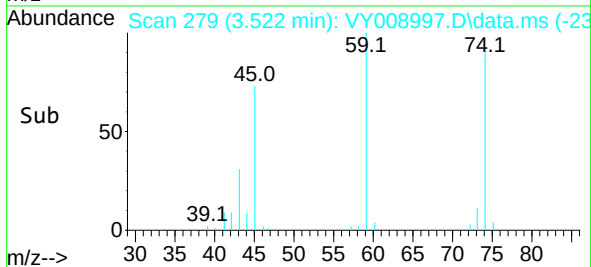
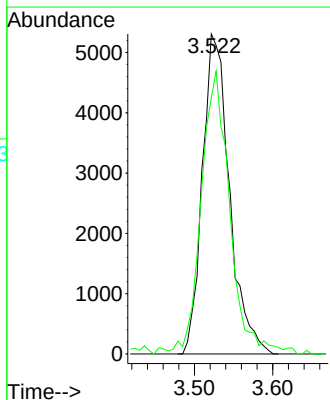
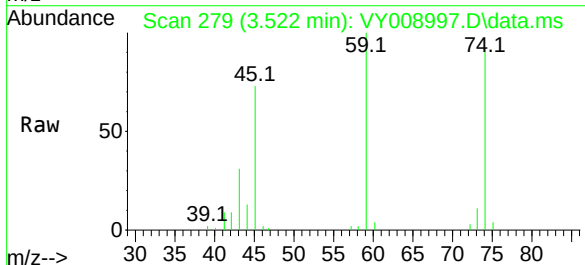
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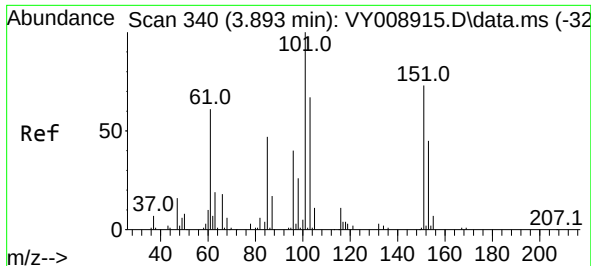
Tgt Ion:101 Resp: 41534
 Ion Ratio Lower Upper
 101 100
 103 61.6 48.0 72.0



#8
 Diethyl Ether
 Concen: 21.213 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY008997.D
 Acq: 23 May 2022 11:36

Tgt Ion: 74 Resp: 12715
 Ion Ratio Lower Upper
 74 100
 45 93.9 55.1 165.5

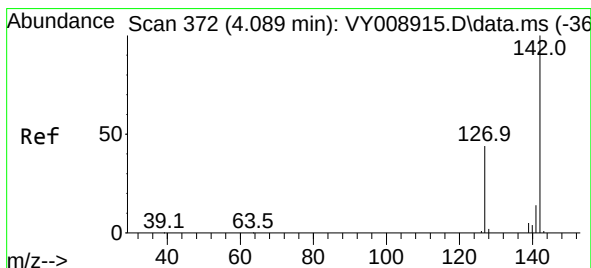
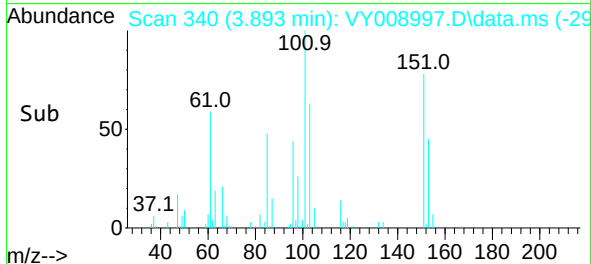
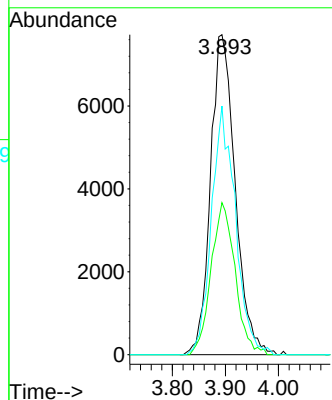
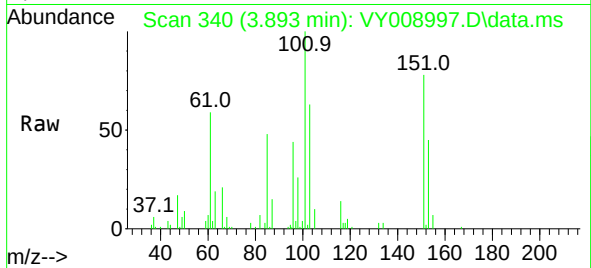




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.214 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY008997.D
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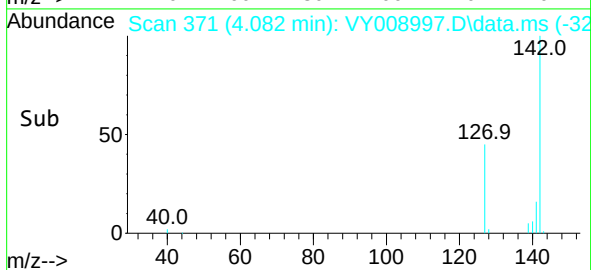
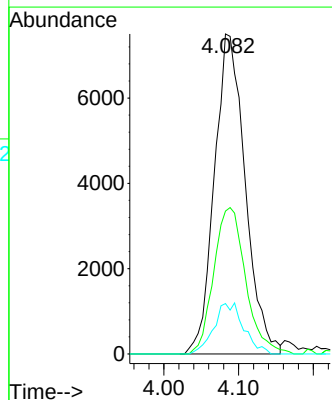
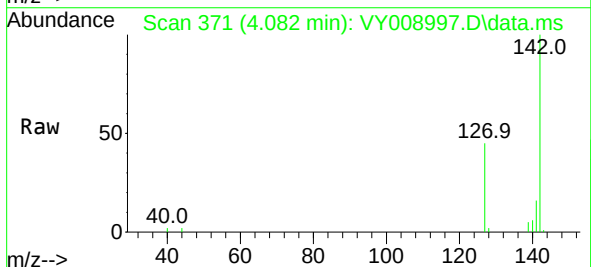
Instrument :
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ClientSampleId :
VY0523SBS01

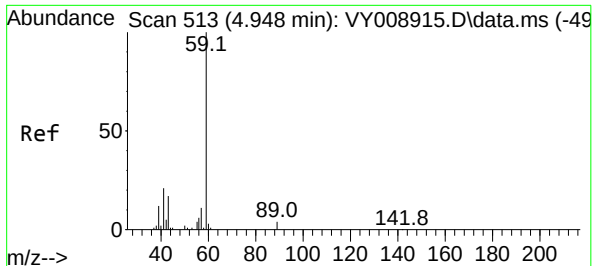
Tgt Ion:101 Resp: 24992
Ion Ratio Lower Upper
101 100
85 46.3 40.6 60.8
151 75.6 64.9 97.3



#10
Methyl Iodide
Concen: 17.676 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.007 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion:142 Resp: 21503
Ion Ratio Lower Upper
142 100
127 47.4 41.5 62.3
141 15.4 11.9 17.9

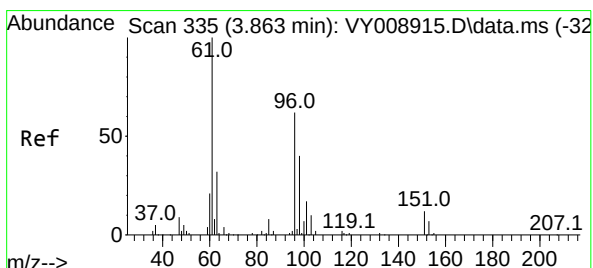
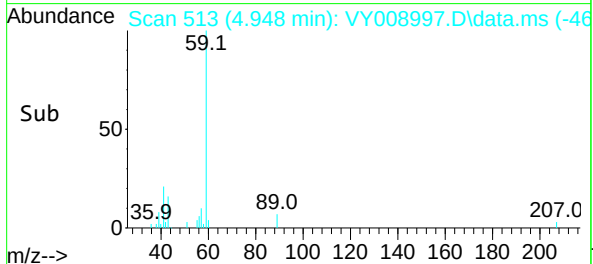
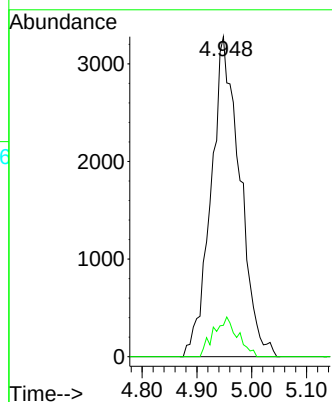
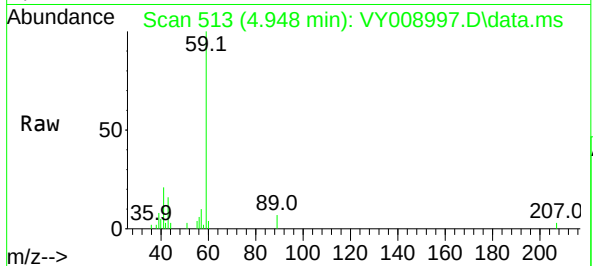




#11
Tert butyl alcohol
Concen: 98.976 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

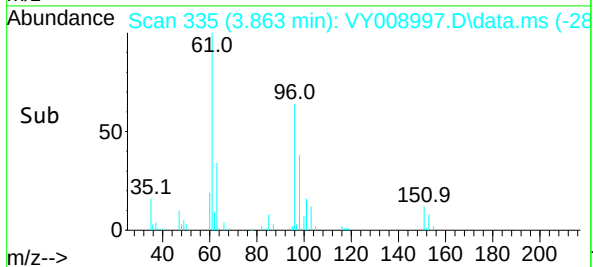
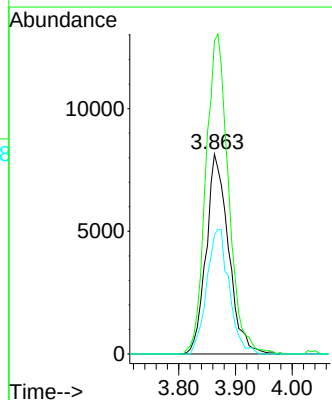
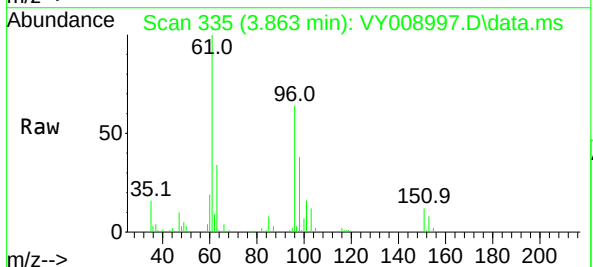
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

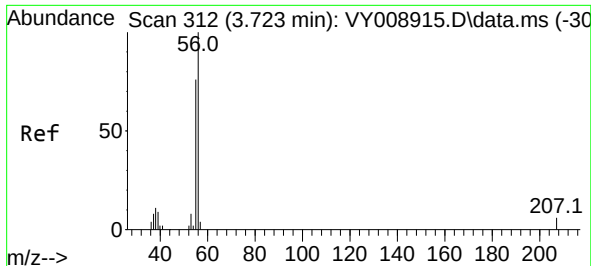
Tgt Ion: 59 Resp: 12014
Ion Ratio Lower Upper
59 100
57 10.3 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 20.399 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 96 Resp: 22309
Ion Ratio Lower Upper
96 100
61 156.8 145.8 218.6
98 59.7 52.5 78.7

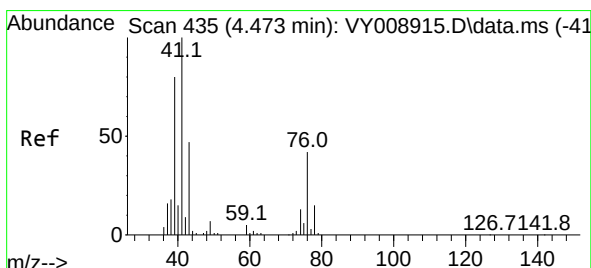
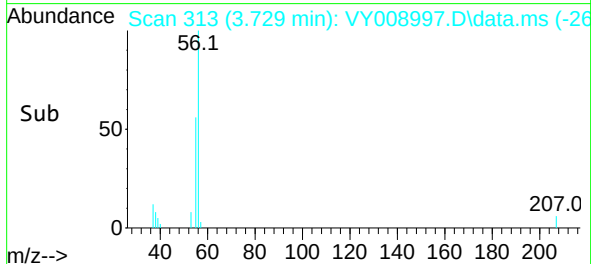
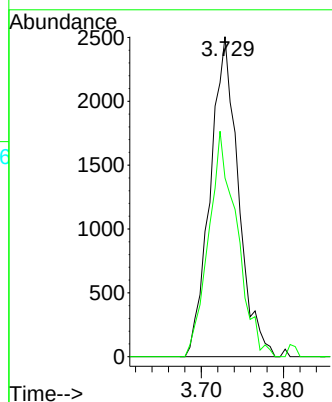
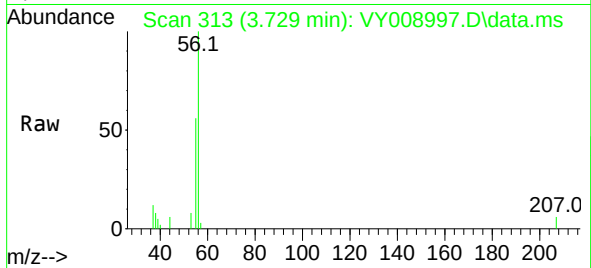




#13
Acrolein
Concen: 149.222 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

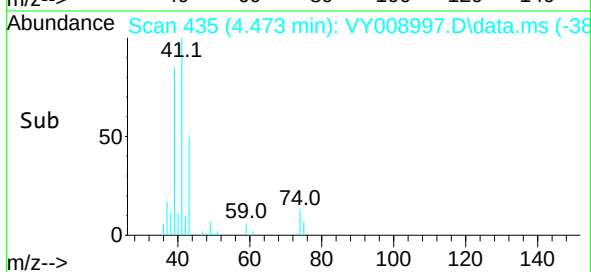
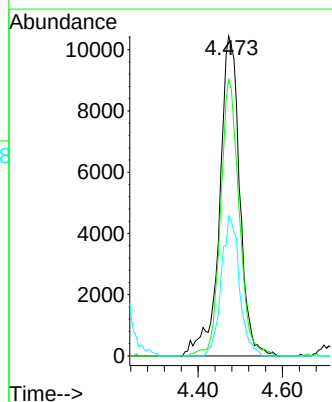
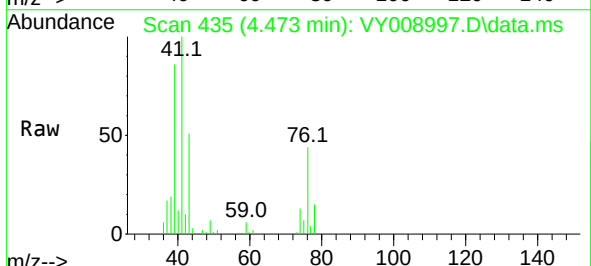
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

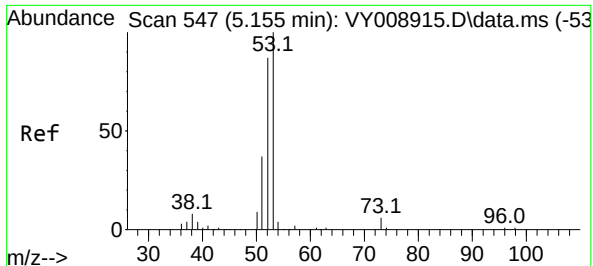
Tgt Ion: 56 Resp: 5962
Ion Ratio Lower Upper
56 100
55 71.1 57.6 86.4



#14
Allyl chloride
Concen: 21.007 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 41 Resp: 34624
Ion Ratio Lower Upper
41 100
39 79.9 58.8 88.2
76 39.2 25.1 37.7#





#15

Acrylonitrile

Concen: 106.067 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

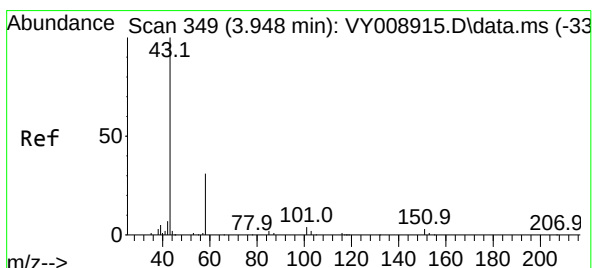
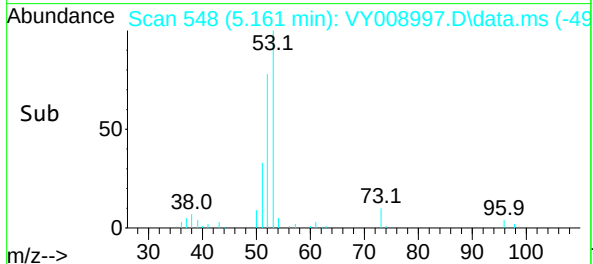
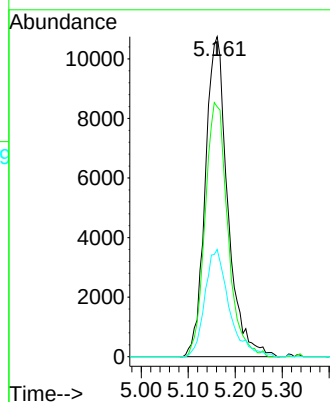
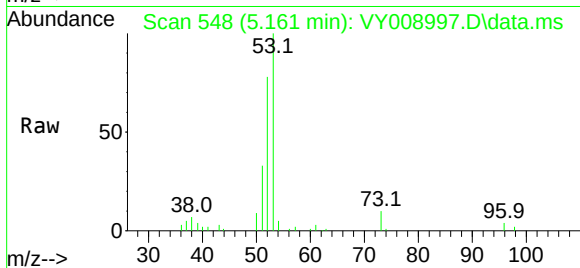
Tgt Ion: 53 Resp: 35596

Ion Ratio Lower Upper

53 100

52 80.1 67.0 100.4

51 36.2 29.8 44.6



#16

Acetone

Concen: 105.605 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008997.D

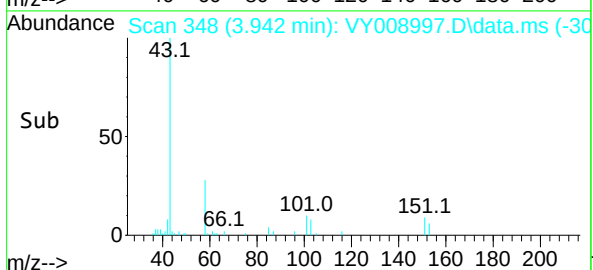
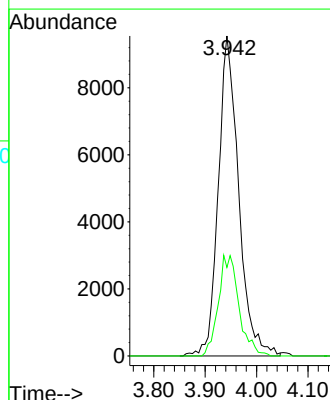
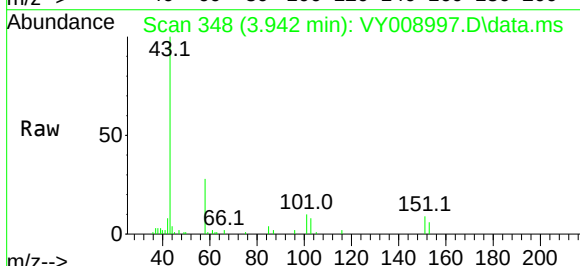
Acq: 23 May 2022 11:36

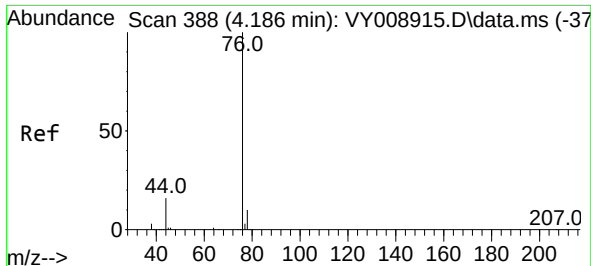
Tgt Ion: 43 Resp: 26306

Ion Ratio Lower Upper

43 100

58 27.6 22.0 33.0

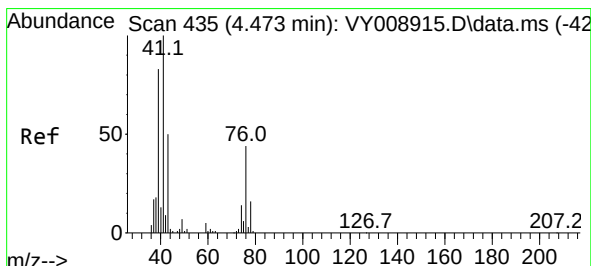
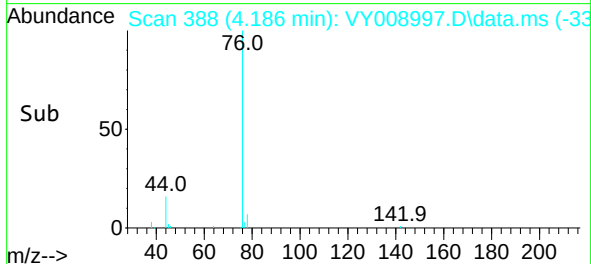
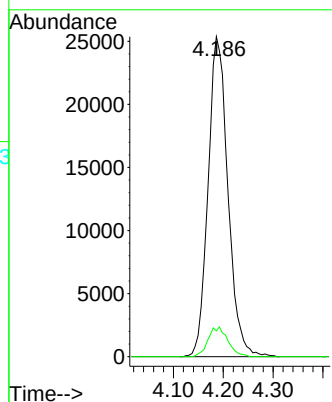
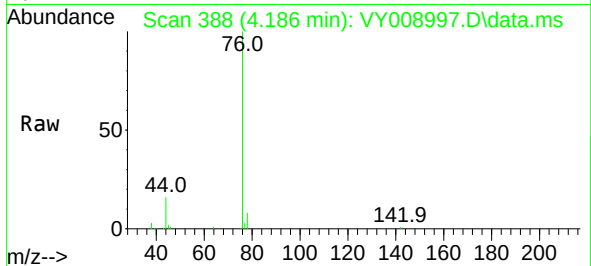




#17
Carbon Disulfide
Concen: 19.613 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

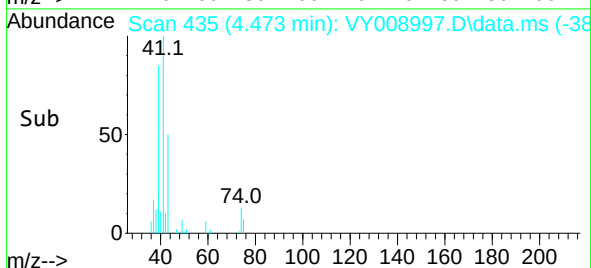
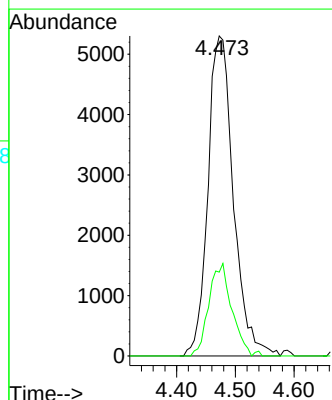
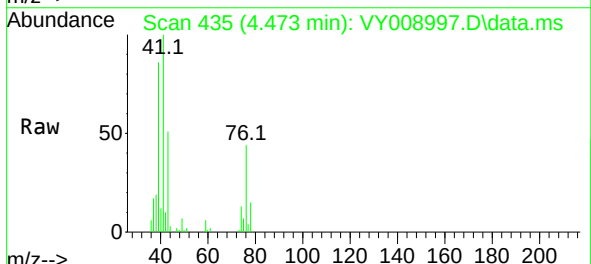
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

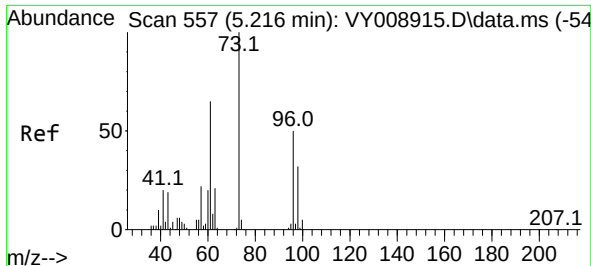
Tgt Ion: 76 Resp: 70077
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: 20.571 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 43 Resp: 15957
Ion Ratio Lower Upper
43 100
74 26.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 20.313 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

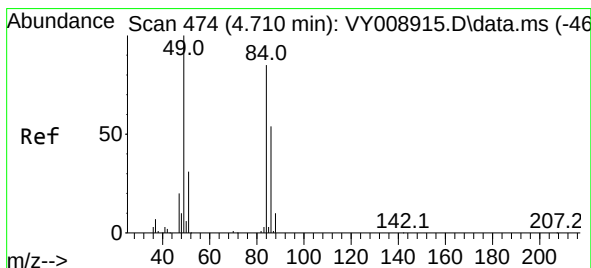
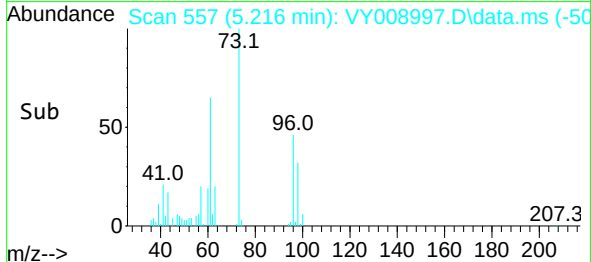
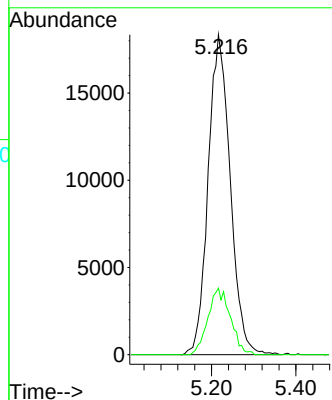
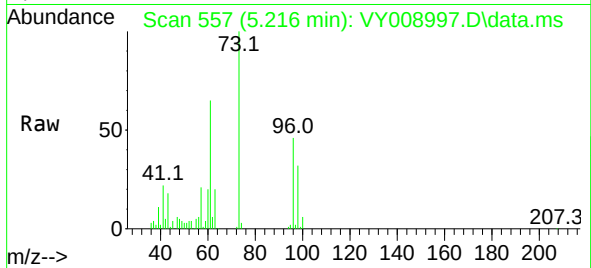
VY0523SBS01

Tgt Ion: 73 Resp: 66678

Ion Ratio Lower Upper

73 100

57 20.8 18.6 27.8



#20

Methylene Chloride

Concen: 14.805 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Tgt Ion: 84 Resp: 28505

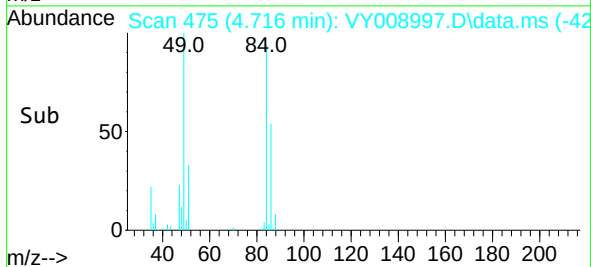
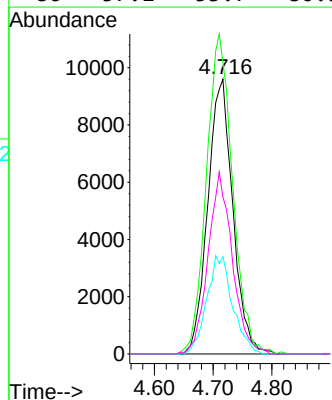
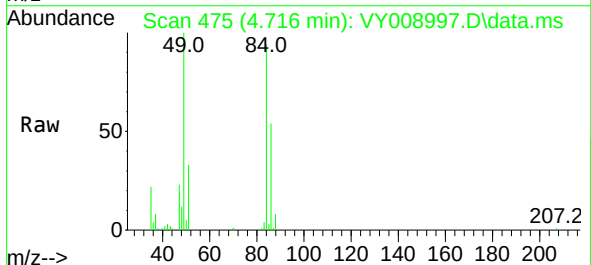
Ion Ratio Lower Upper

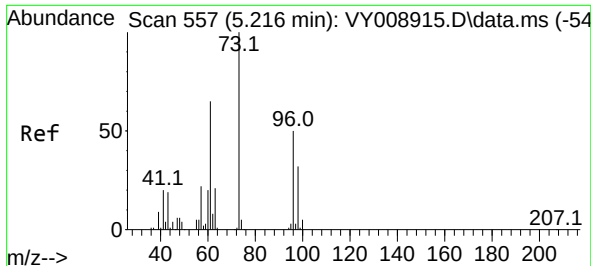
84 100

49 105.6 114.4 171.6#

51 35.4 35.3 52.9

86 57.1 53.7 80.5

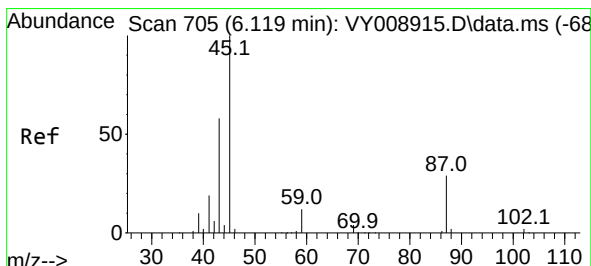
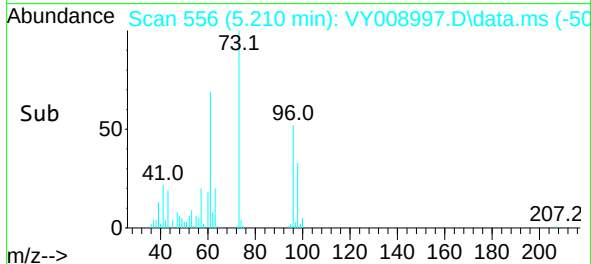
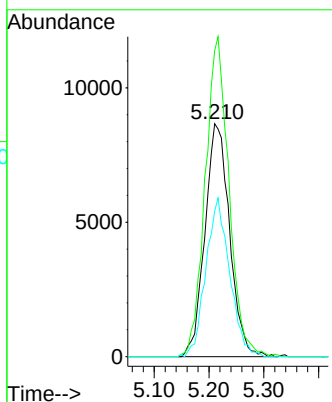
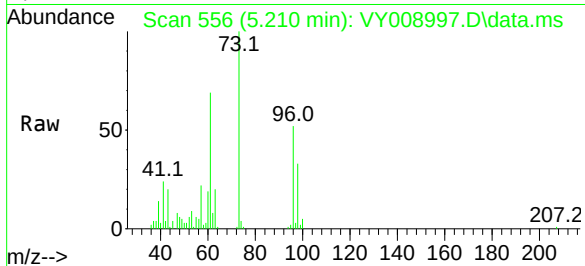




#21
trans-1,2-Dichloroethene
Concen: 19.304 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

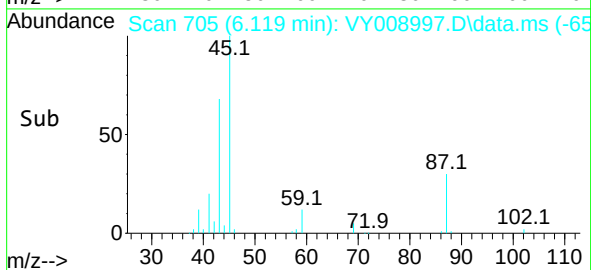
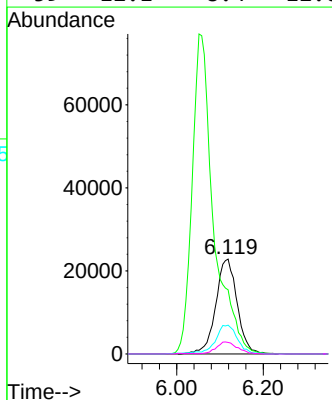
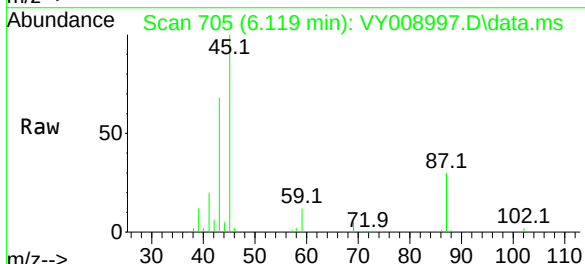
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

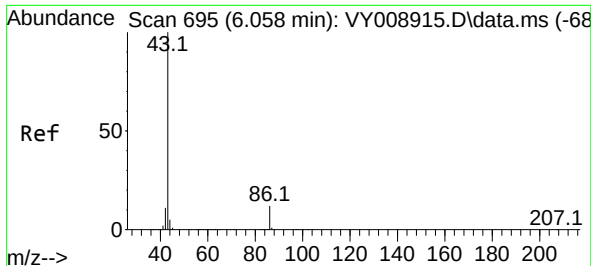
Tgt Ion: 96 Resp: 27098
Ion Ratio Lower Upper
96 100
61 131.4 120.5 180.7
98 62.4 49.8 74.8



#22
Diisopropyl ether
Concen: 19.853 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 45 Resp: 78611
Ion Ratio Lower Upper
45 100
43 66.7 49.3 73.9
87 30.3 19.2 28.8#
59 12.1 8.4 12.6

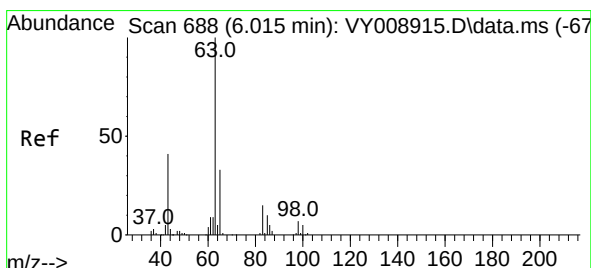
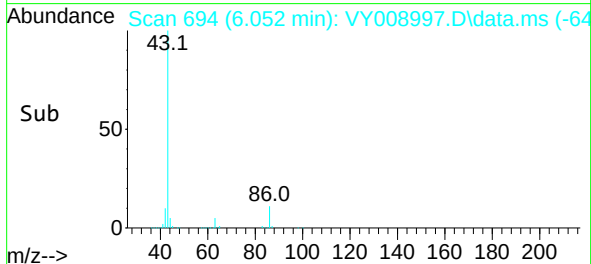
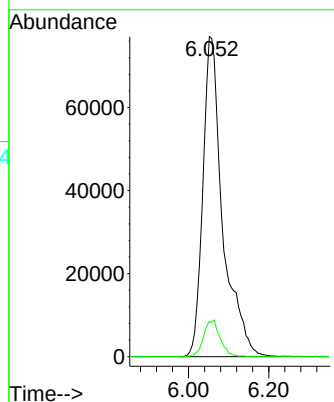
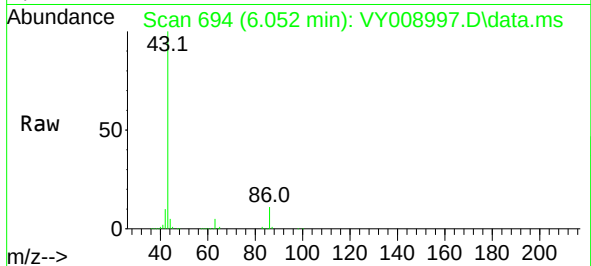




#23
 Vinyl Acetate
 Concen: 101.025 ug/l
 RT: 6.052 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY008997.D
 Acq: 23 May 2022 11:36

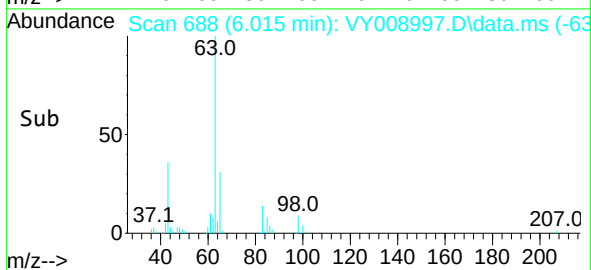
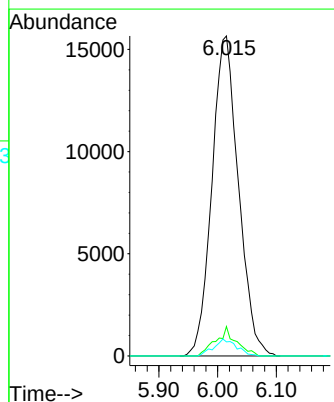
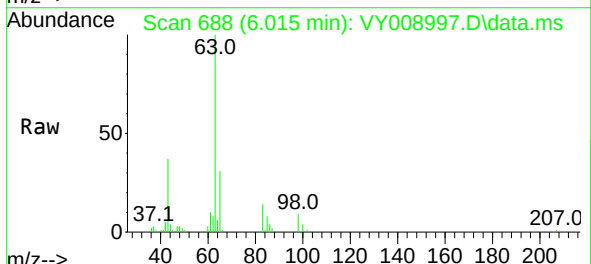
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS01

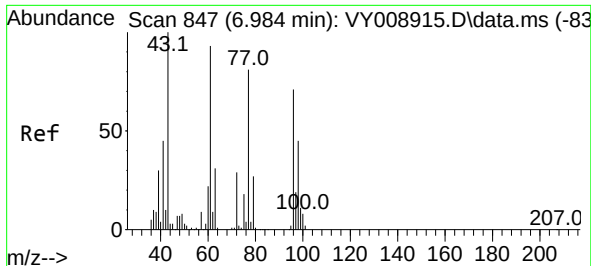
Tgt Ion: 43 Resp: 264610
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.743 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008997.D
 Acq: 23 May 2022 11:36

Tgt Ion: 63 Resp: 49126
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 101.516 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

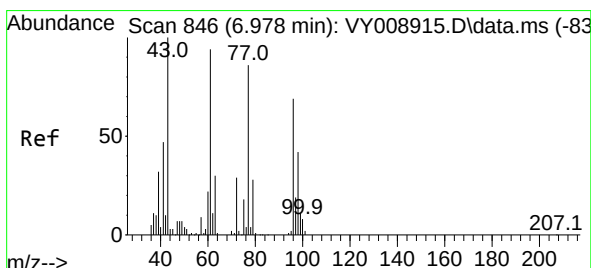
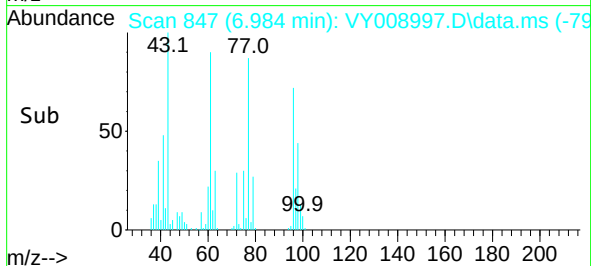
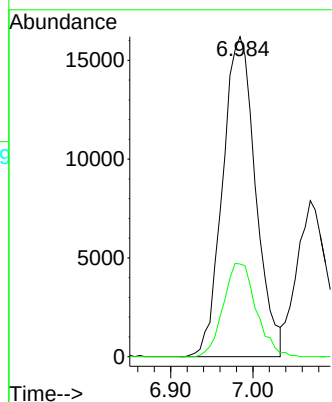
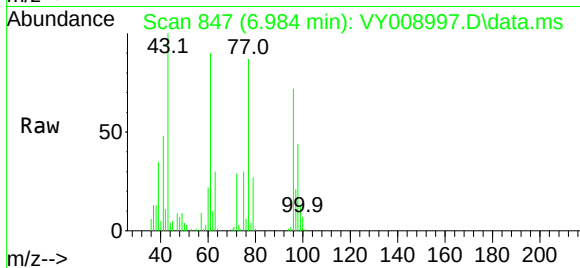
VY0523SBS01

Tgt Ion: 43 Resp: 45166

Ion Ratio Lower Upper

43 100

72 29.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 20.886 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008997.D

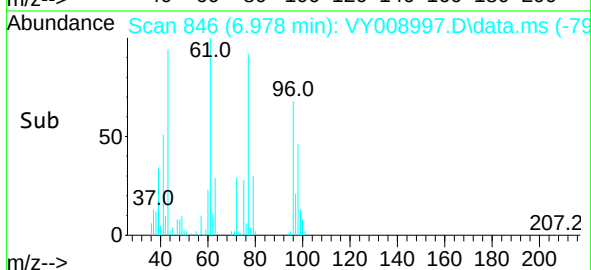
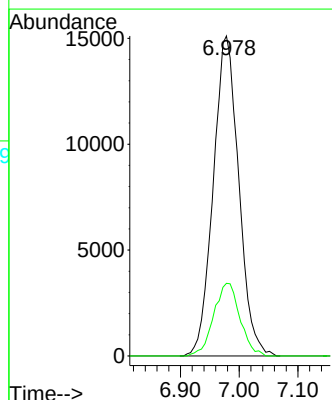
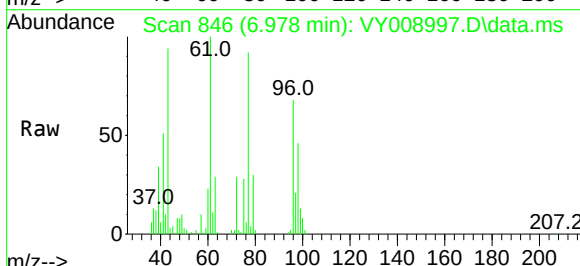
Acq: 23 May 2022 11:36

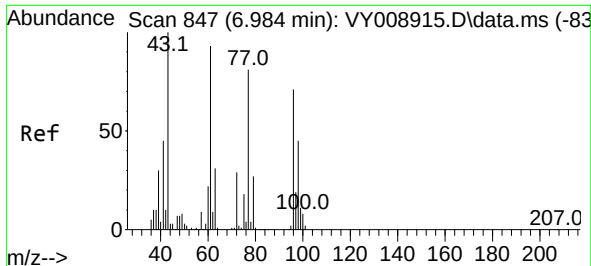
Tgt Ion: 77 Resp: 45566

Ion Ratio Lower Upper

77 100

97 23.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.989 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

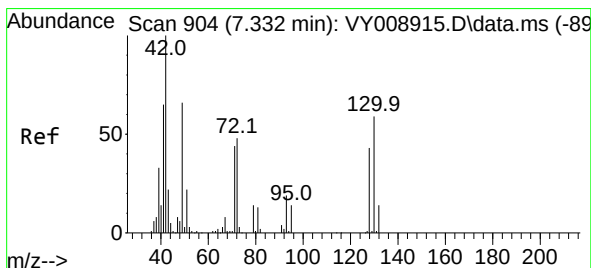
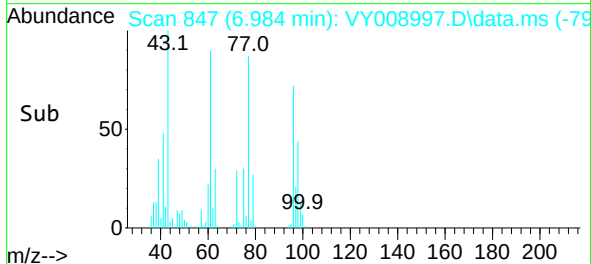
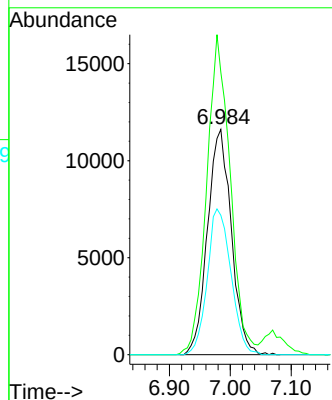
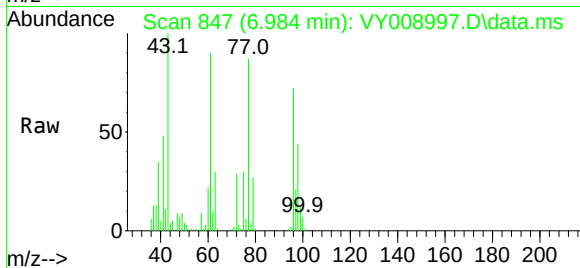
Tgt Ion: 96 Resp: 31631

Ion Ratio Lower Upper

96 100

61 139.7 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 22.300 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

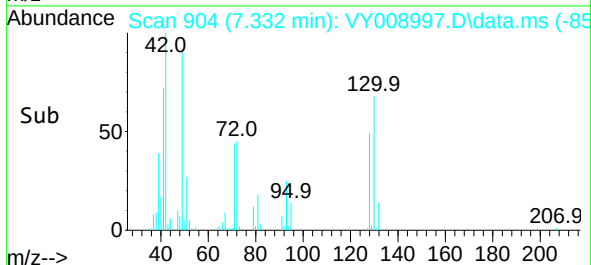
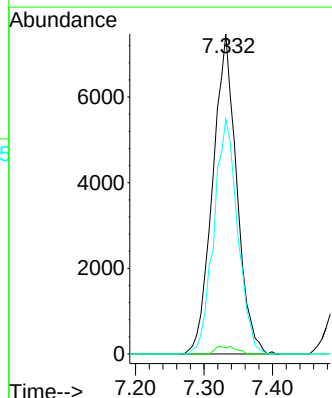
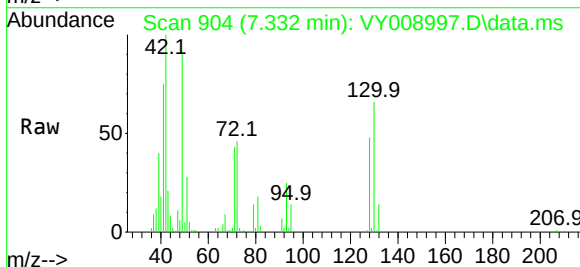
Tgt Ion: 49 Resp: 18128

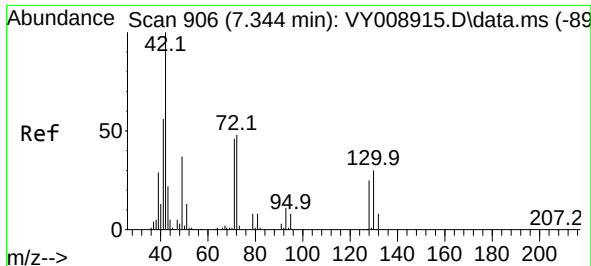
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.2

130 72.9 55.4 83.0





#29

Tetrahydrofuran

Concen: 102.014 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

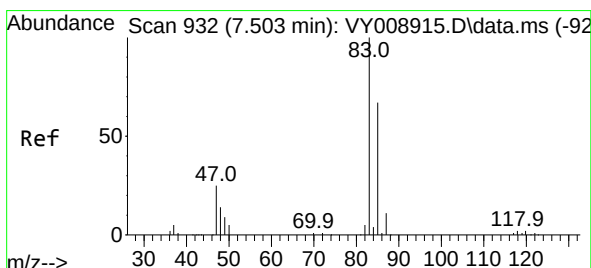
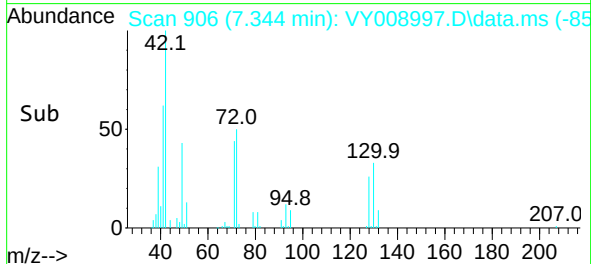
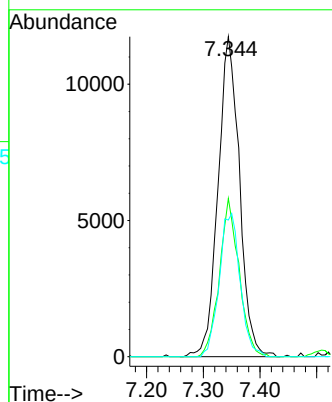
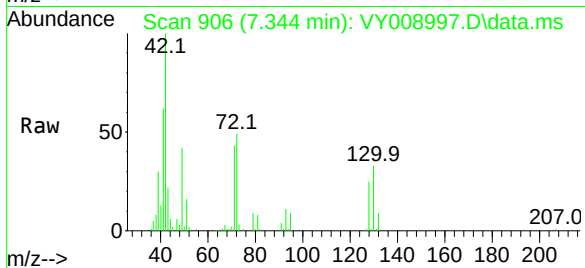
Tgt Ion: 42 Resp: 30831

Ion Ratio Lower Upper

42 100

72 45.5 30.3 45.5

71 43.8 29.0 43.4#



#30

Chloroform

Concen: 20.188 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY008997.D

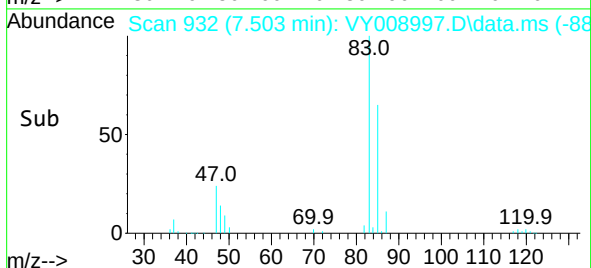
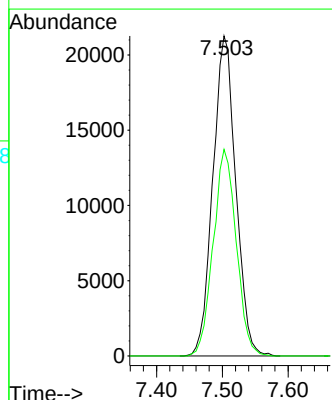
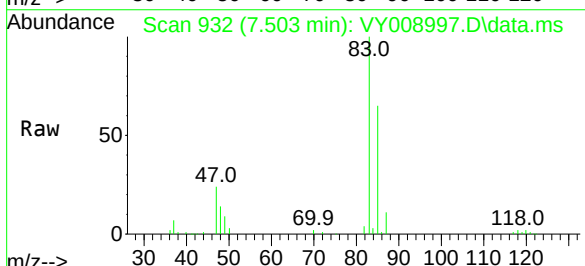
Acq: 23 May 2022 11:36

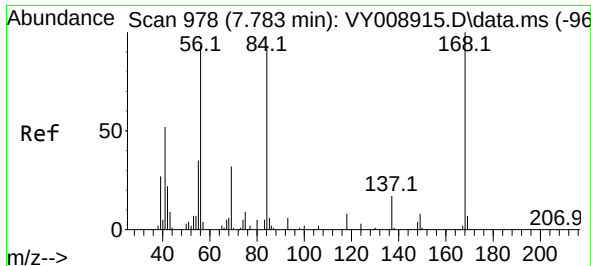
Tgt Ion: 83 Resp: 51612

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.6

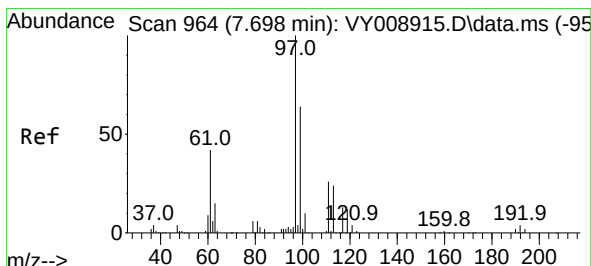
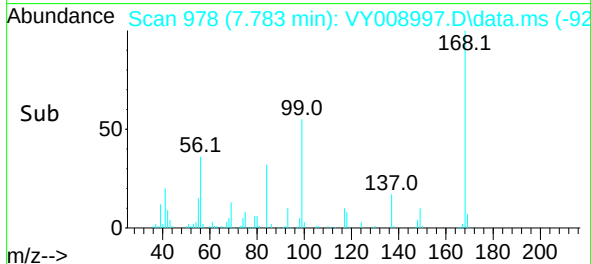
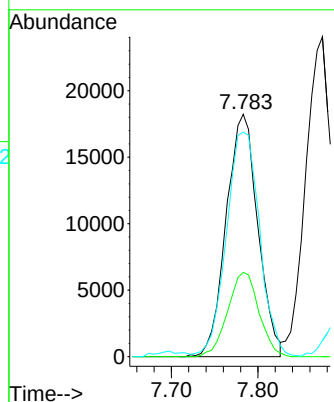
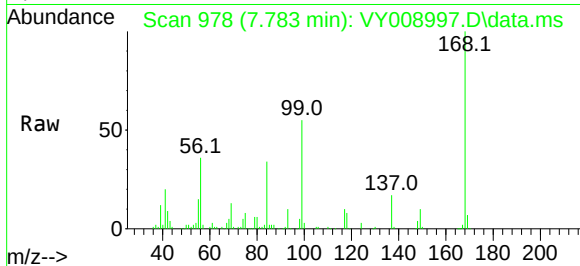




#31
Cyclohexane
Concen: 19.762 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

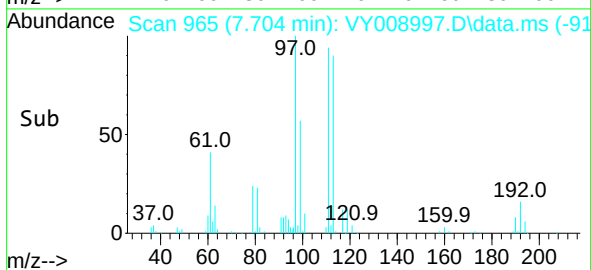
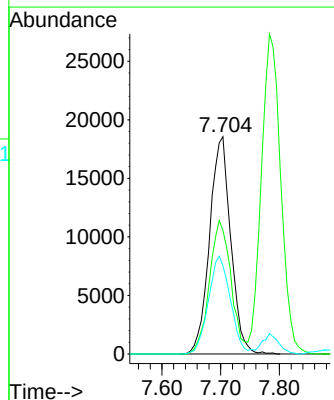
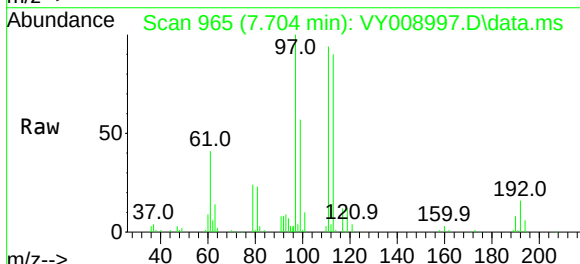
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

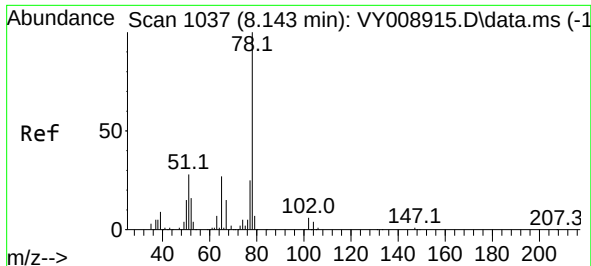
Tgt Ion: 56 Resp: 46264
Ion Ratio Lower Upper
56 100
69 34.8 26.7 40.1
84 91.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.015 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 97 Resp: 46422
Ion Ratio Lower Upper
97 100
99 62.9 50.7 76.1
61 46.4 37.6 56.4

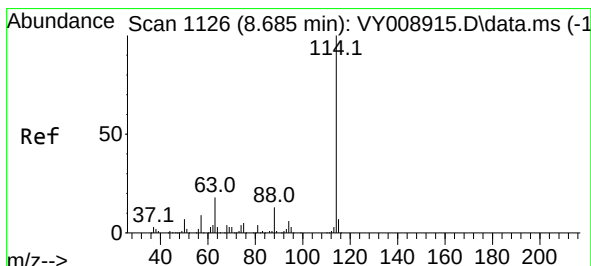
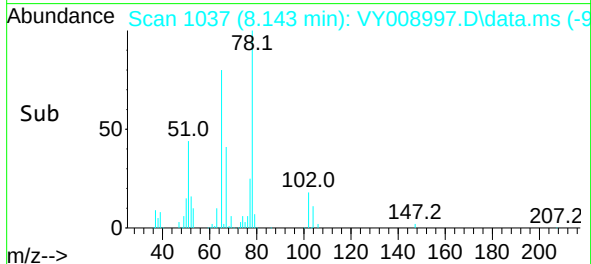
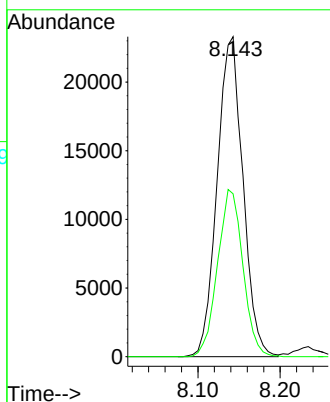
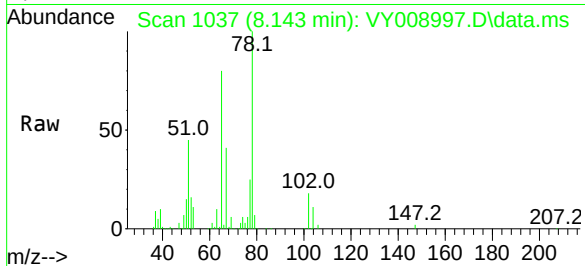




#33
 1,2-Dichloroethane-d4
 Concen: 42.501 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY008997.D
 Acq: 23 May 2022 11:36

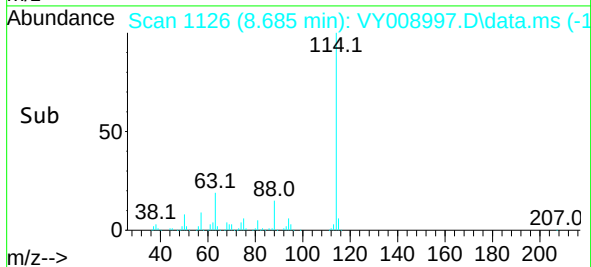
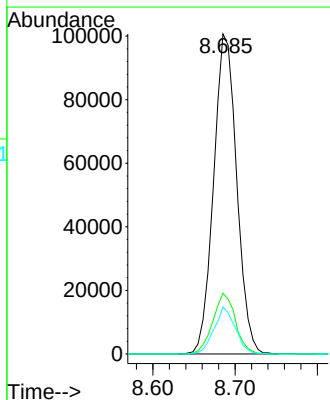
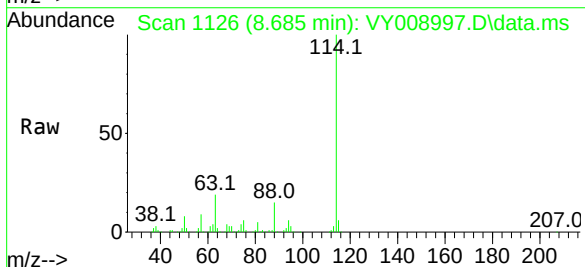
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS01

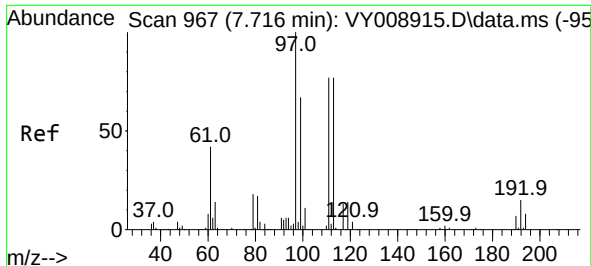
Tgt Ion: 65 Resp: 50860
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY008997.D
 Acq: 23 May 2022 11:36

Tgt Ion: 114 Resp: 196489
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.2
 88 14.7 0.0 31.8

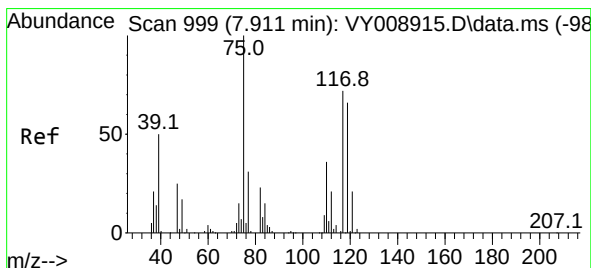
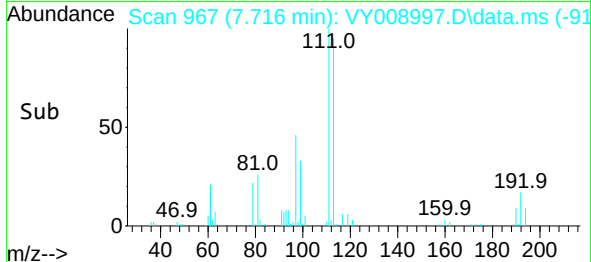
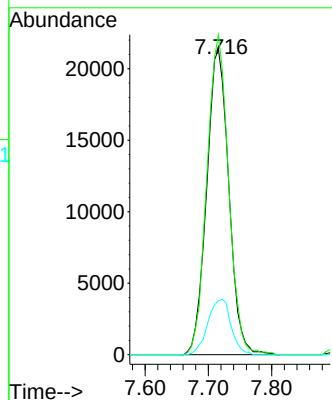
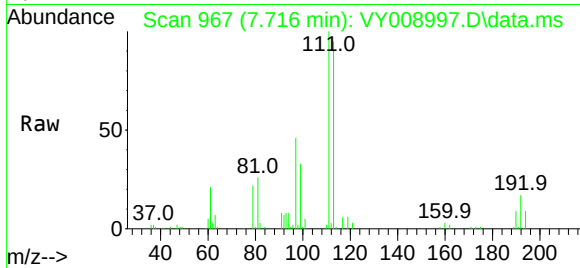




#35
Dibromofluoromethane
Concen: 42.606 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

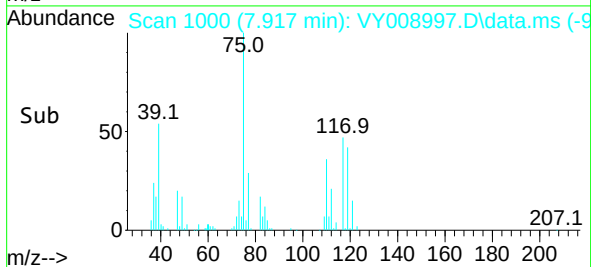
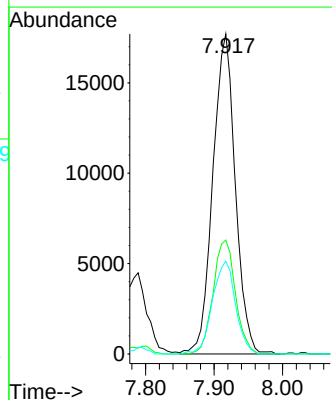
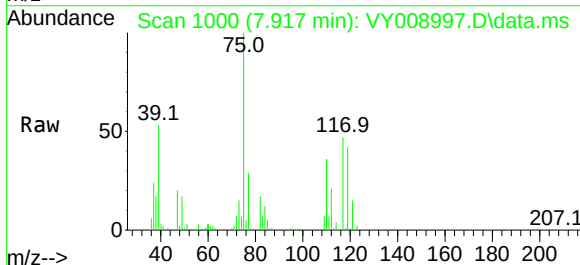
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

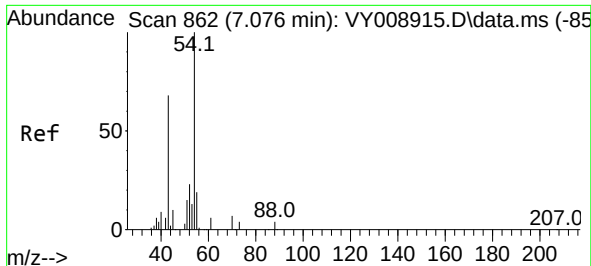
Tgt Ion:113 Resp: 52058
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.376 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 75 Resp: 40290
Ion Ratio Lower Upper
75 100
110 35.3 17.1 51.2
77 29.8 24.4 36.6





#37

Ethyl Acetate

Concen: 18.798 ug/l

RT: 7.070 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

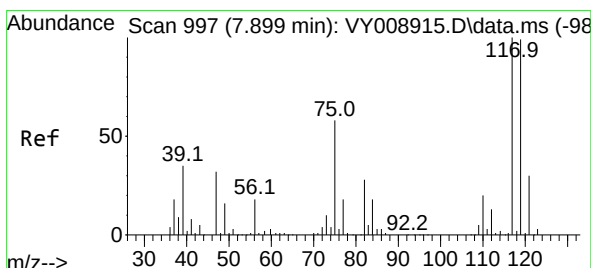
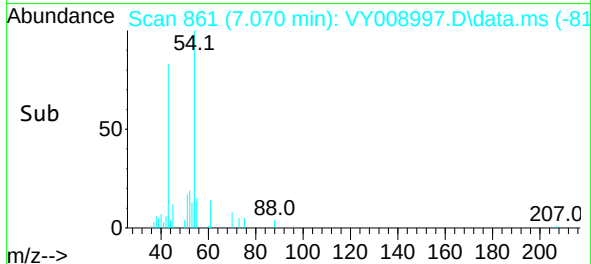
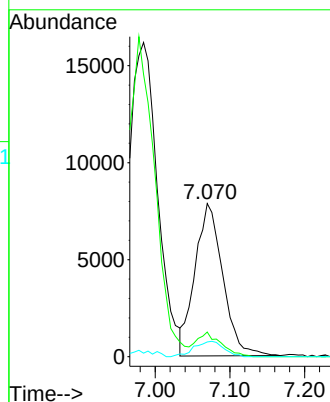
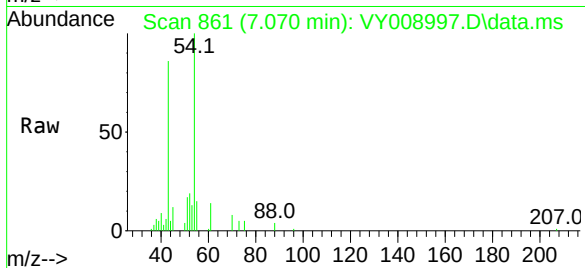
Tgt Ion: 43 Resp: 20276

Ion Ratio Lower Upper

43 100

61 14.2 9.7 14.5

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 19.092 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

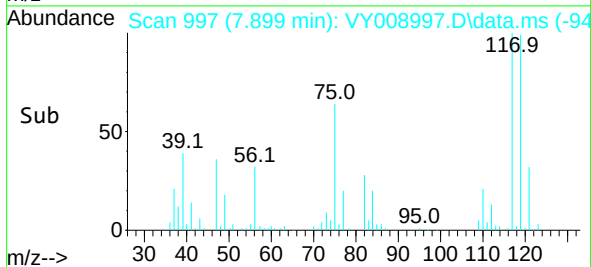
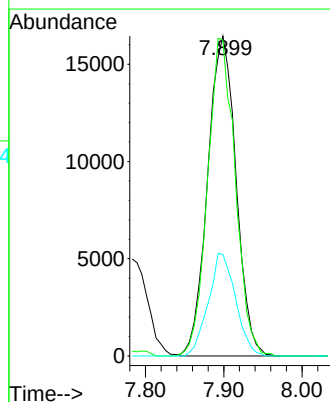
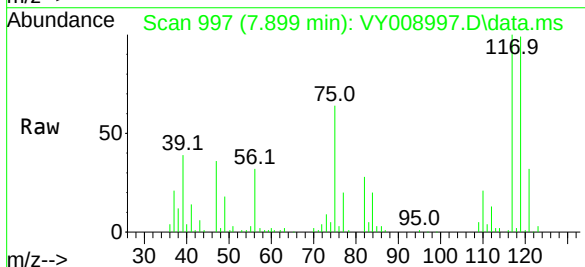
Tgt Ion: 117 Resp: 41529

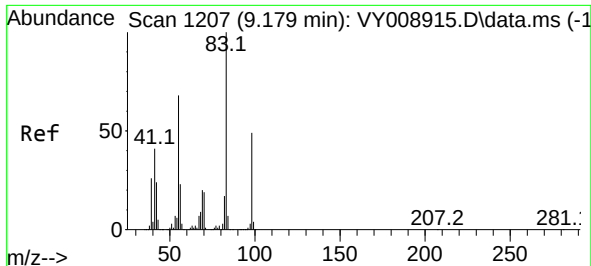
Ion Ratio Lower Upper

117 100

119 98.7 77.9 116.9

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 18.507 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

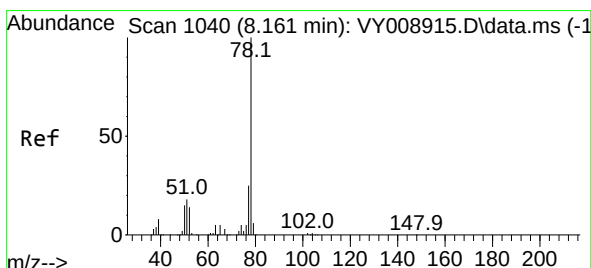
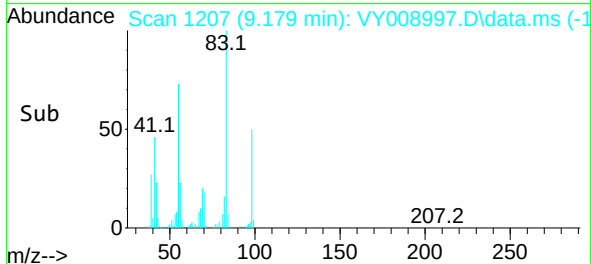
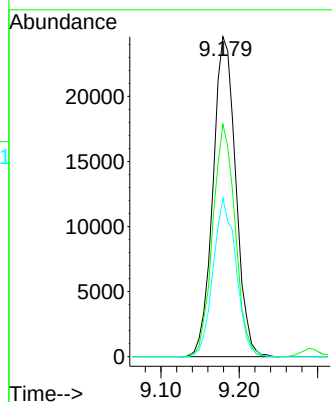
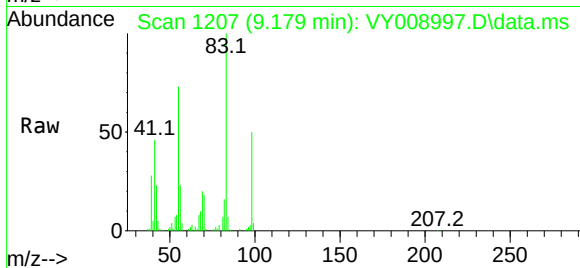
Tgt Ion: 83 Resp: 49672

Ion Ratio Lower Upper

83 100

55 72.6 66.5 99.7

98 49.5 37.9 56.9



#40

Benzene

Concen: 18.898 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY008997.D

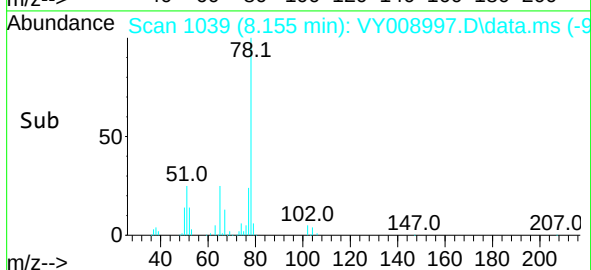
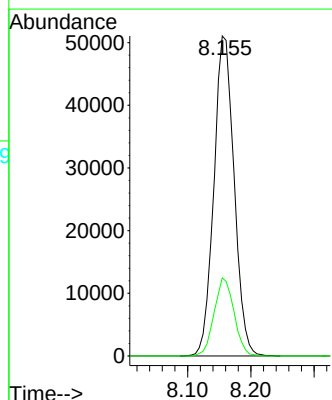
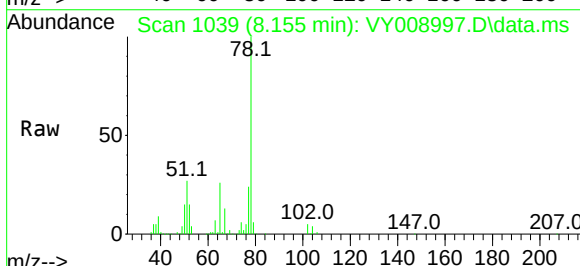
Acq: 23 May 2022 11:36

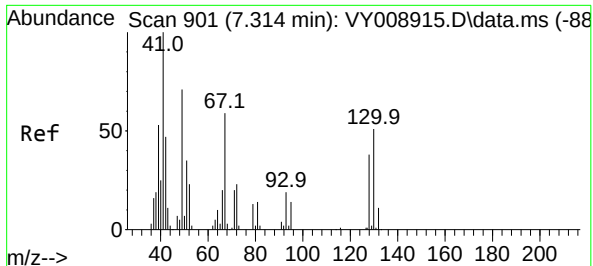
Tgt Ion: 78 Resp: 113315

Ion Ratio Lower Upper

78 100

77 24.4 20.4 30.6

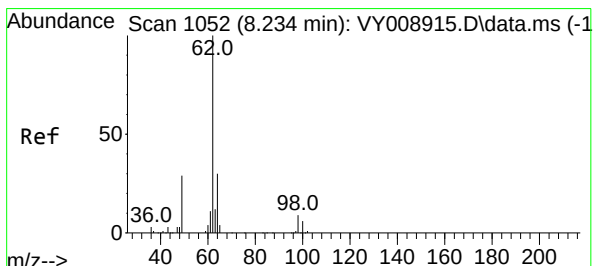
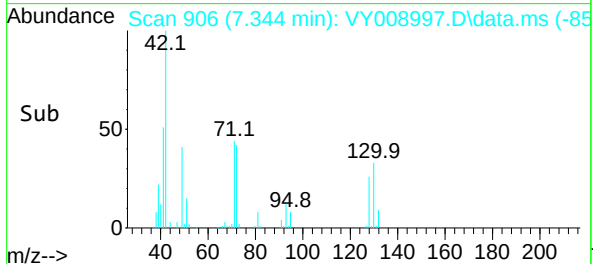
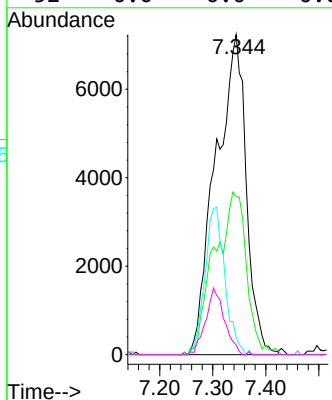
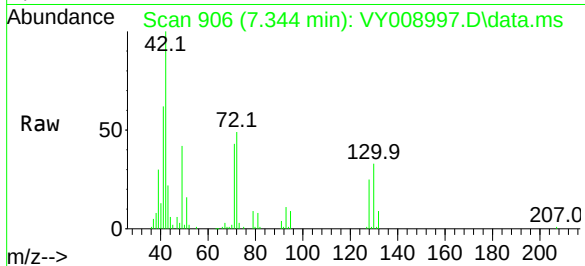




#41
Methacrylonitrile
Concen: 51.894 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

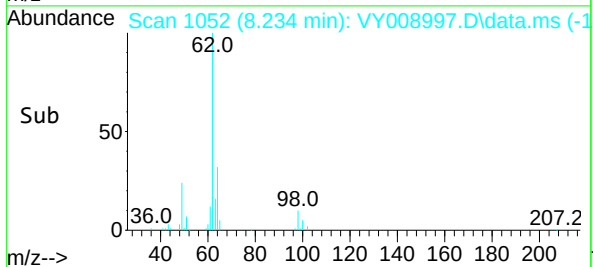
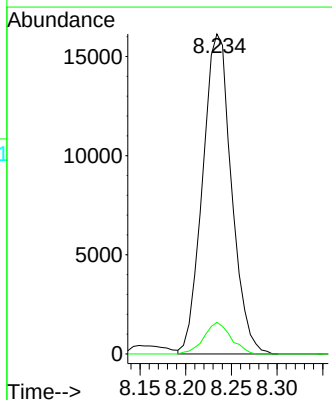
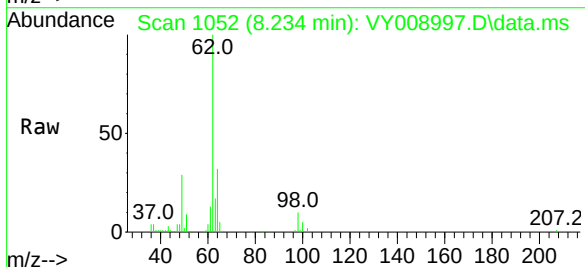
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

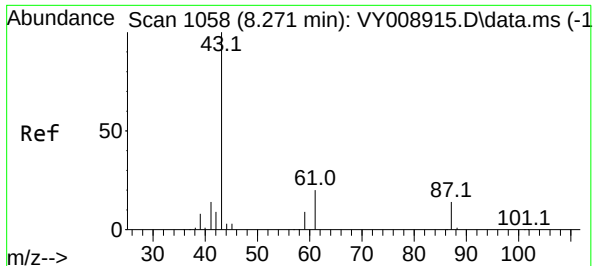
Tgt Ion: 41 Resp: 28884
Ion Ratio Lower Upper
41 100
39 53.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.116 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 62 Resp: 35418
Ion Ratio Lower Upper
62 100
98 9.2 0.0 14.8

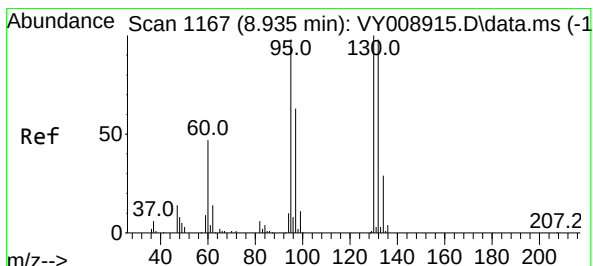
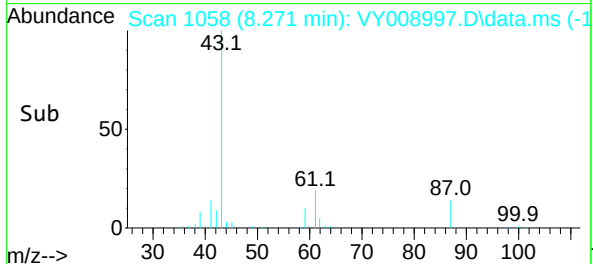
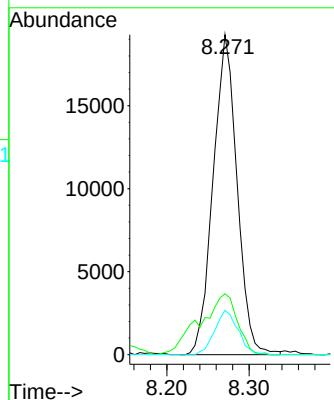
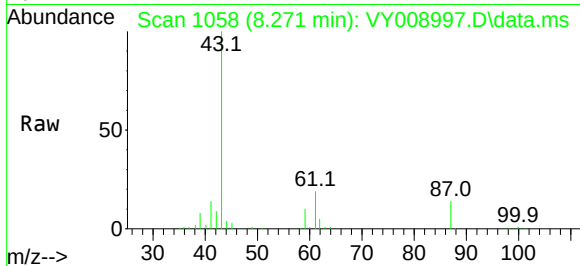




#43
Isopropyl Acetate
Concen: 19.459 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

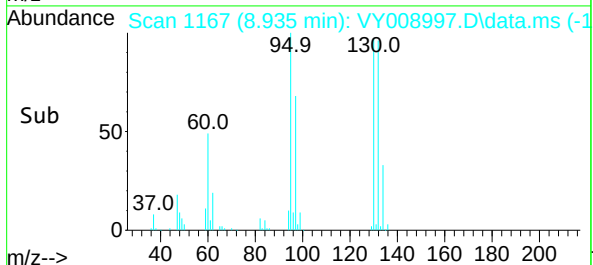
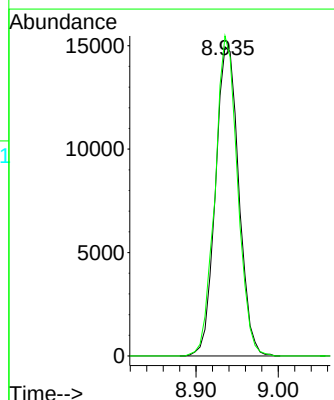
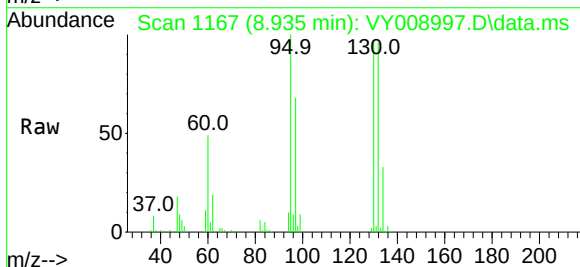
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

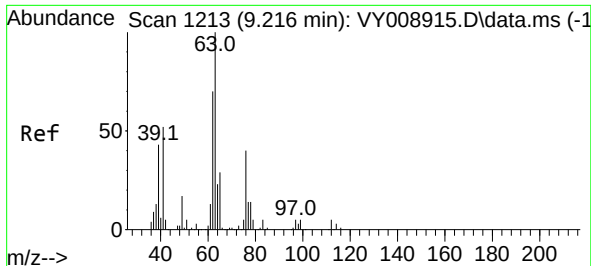
Tgt Ion: 43 Resp: 39027
Ion Ratio Lower Upper
43 100
61 30.1 20.2 30.2
87 13.5 8.9 13.3#



#44
Trichloroethene
Concen: 18.636 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion:130 Resp: 29588
Ion Ratio Lower Upper
130 100
95 103.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.969 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

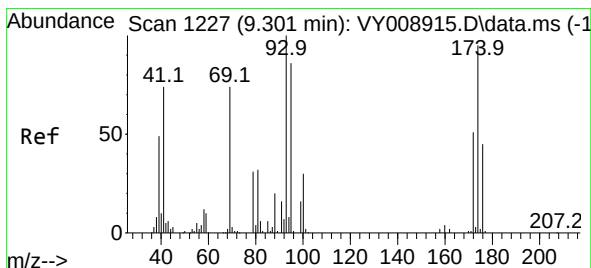
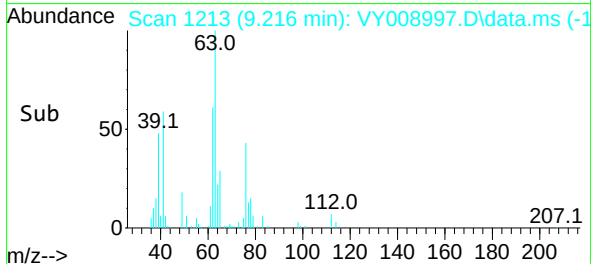
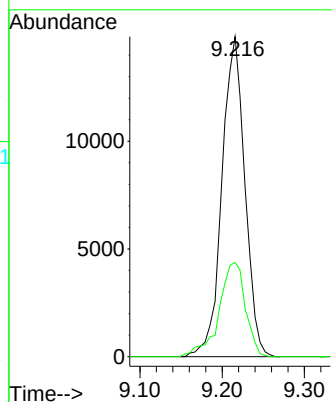
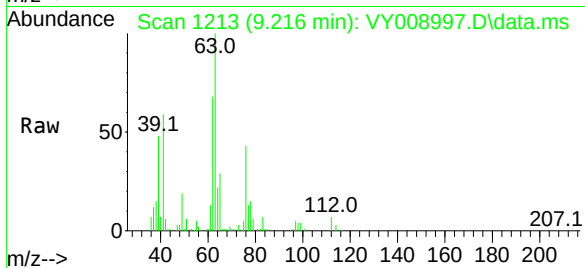
VY0523SBS01

Tgt Ion: 63 Resp: 28750

Ion Ratio Lower Upper

63 100

65 29.5 23.0 34.6



#46

Dibromomethane

Concen: 19.317 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

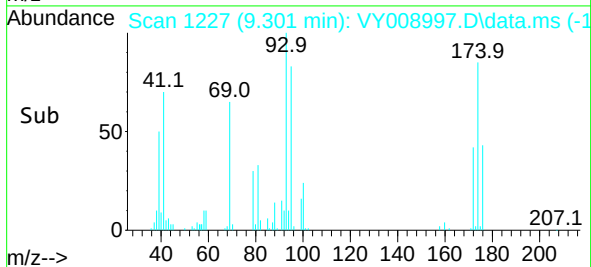
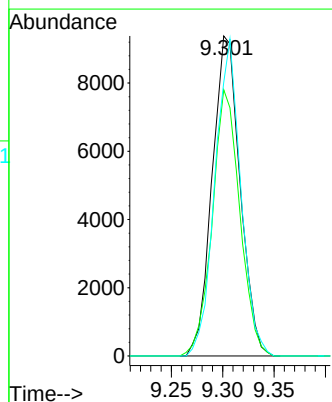
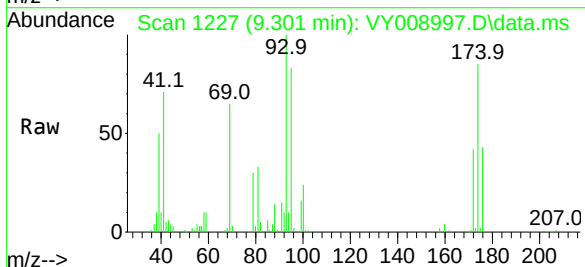
Tgt Ion: 93 Resp: 17684

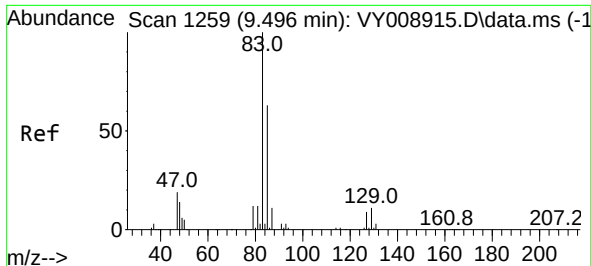
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 91.8 83.4 125.0

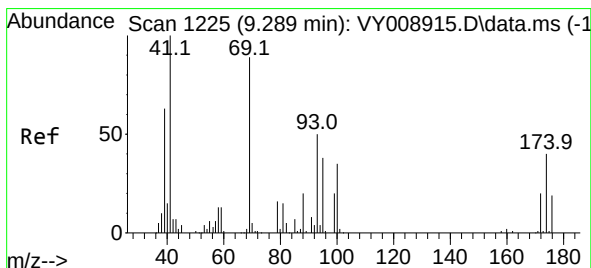
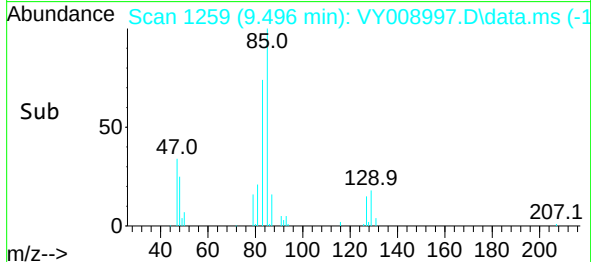
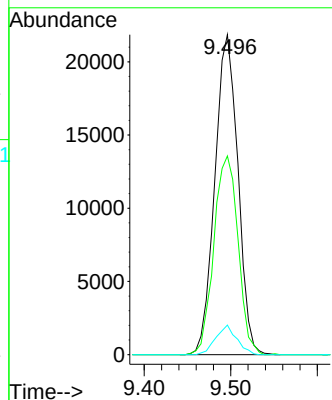
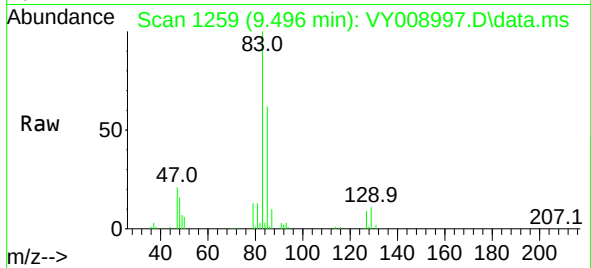




#47
Bromodichloromethane
Concen: 19.330 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

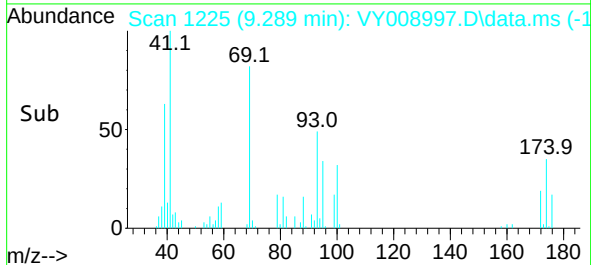
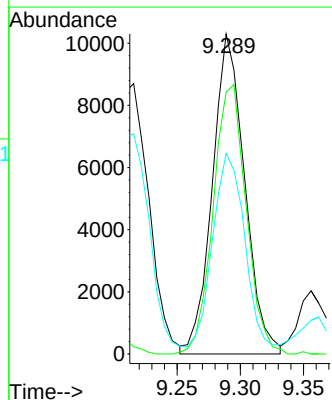
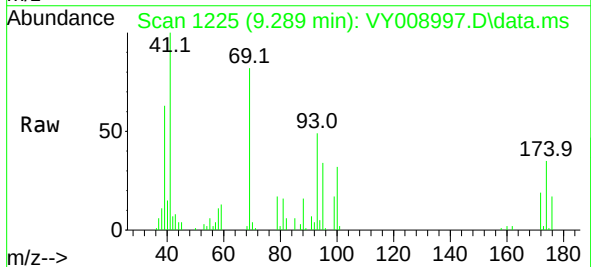
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

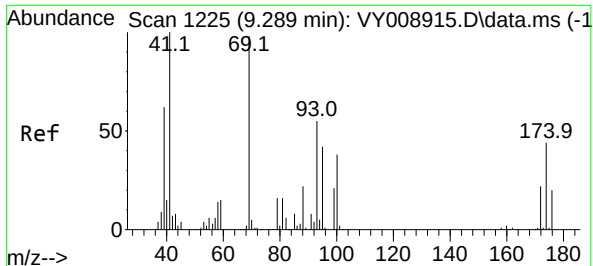
Tgt Ion:	83	Resp:	40442
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.9	77.9
127	9.3	6.6	10.0



#48
Methyl methacrylate
Concen: 20.389 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion:	41	Resp:	18259
Ion	Ratio	Lower	Upper
41	100		
69	86.0	58.2	87.2
39	59.4	47.4	71.0





#49

1,4-Dioxane

Concen: 355.457 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

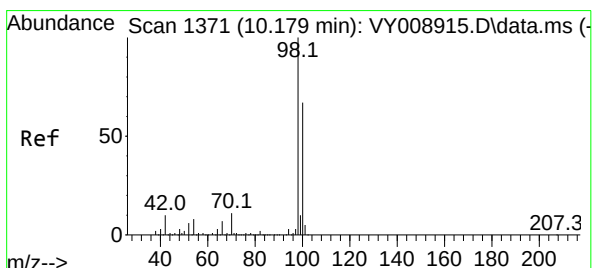
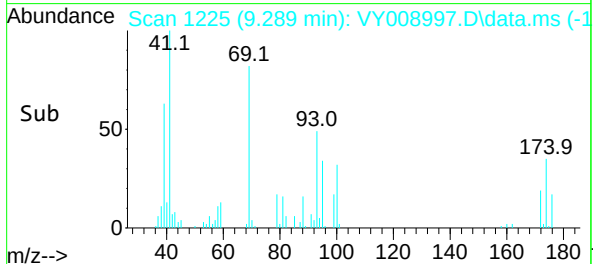
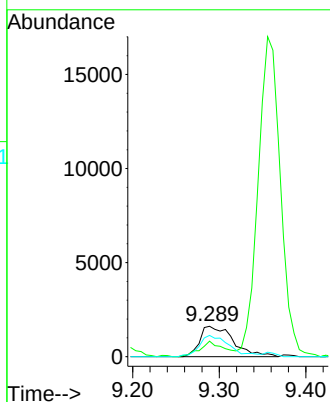
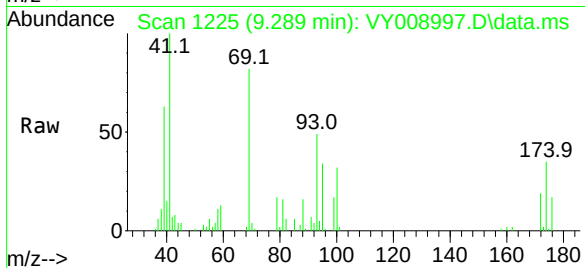
Tgt Ion: 88 Resp: 4350

Ion Ratio Lower Upper

88 100

43 37.1 32.8 49.2

58 63.3 59.8 89.6



#50

Toluene-d8

Concen: 37.624 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008997.D

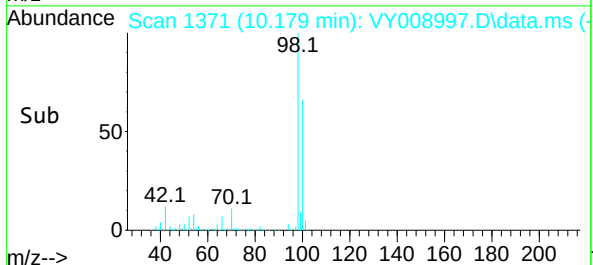
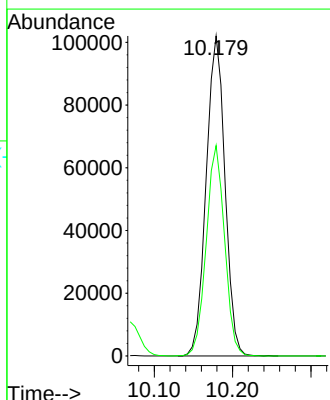
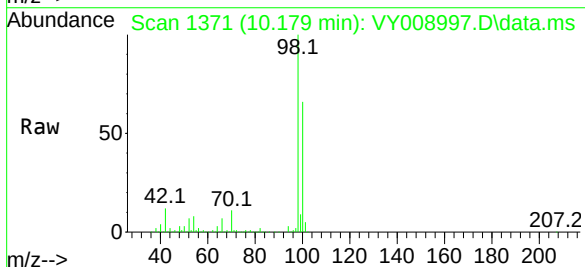
Acq: 23 May 2022 11:36

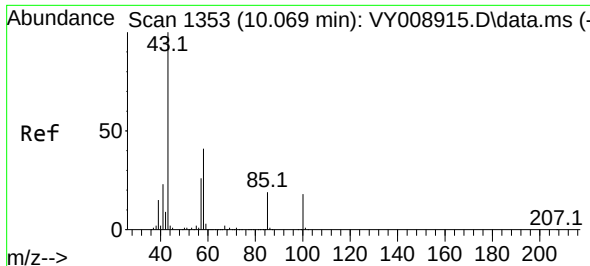
Tgt Ion: 98 Resp: 169593

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2

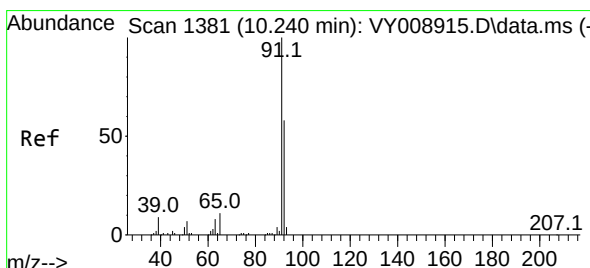
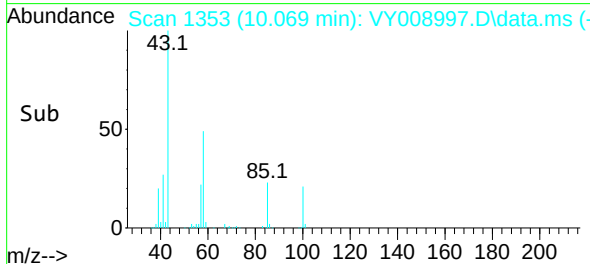
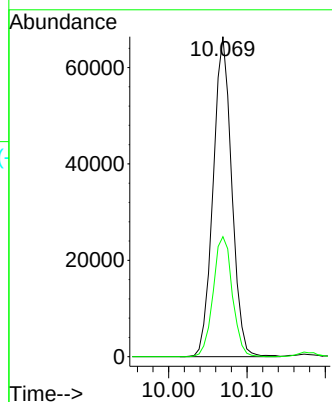
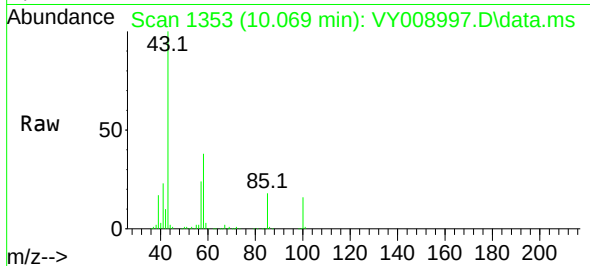




#51
4-Methyl-2-Pentanone
Concen: 98.755 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

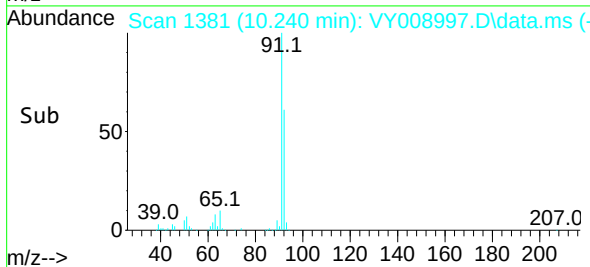
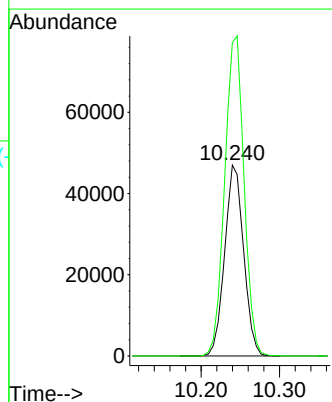
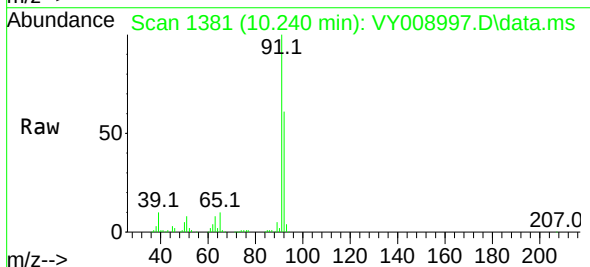
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

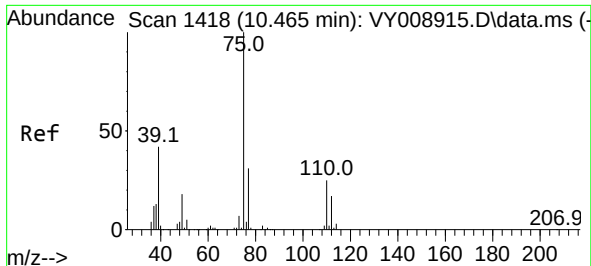
Tgt Ion: 43 Resp: 109614
Ion Ratio Lower Upper
43 100
58 38.6 28.1 42.1



#52
Toluene
Concen: 18.877 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 92 Resp: 79099
Ion Ratio Lower Upper
92 100
91 171.0 142.6 213.8

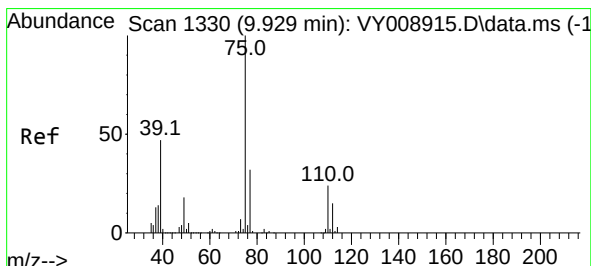
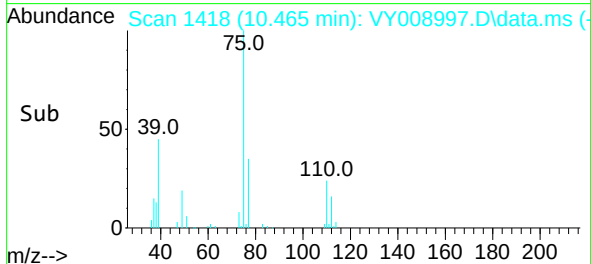
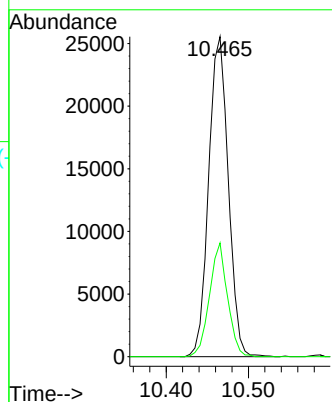
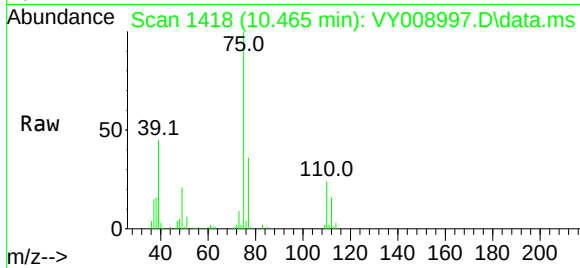




#53
t-1,3-Dichloropropene
Concen: 19.033 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

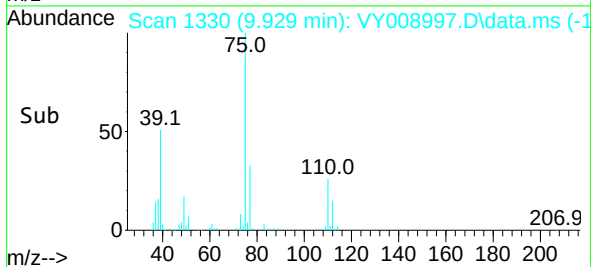
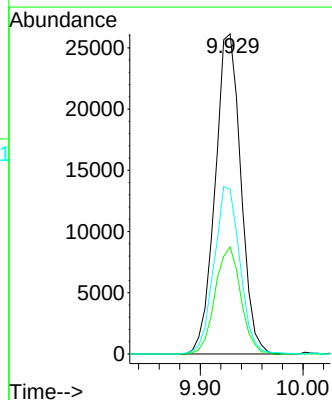
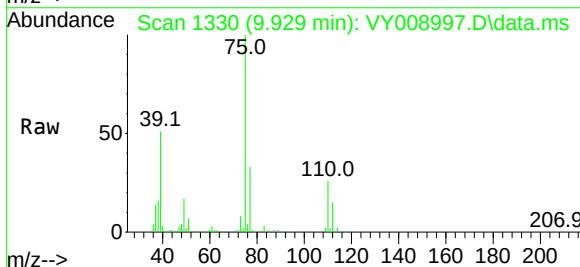
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

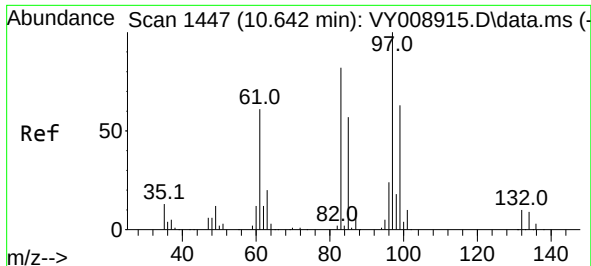
Tgt Ion: 75 Resp: 42287
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.987 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 75 Resp: 45351
Ion Ratio Lower Upper
75 100
77 33.4 25.6 38.4
39 51.4 47.6 71.4

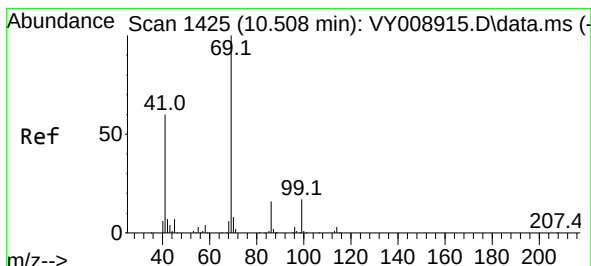
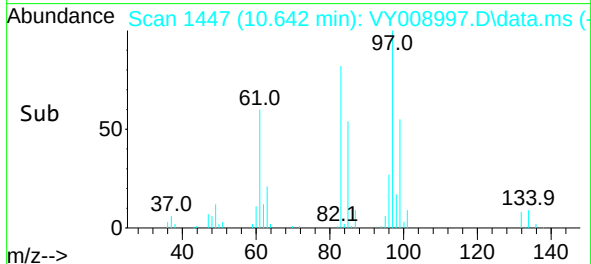
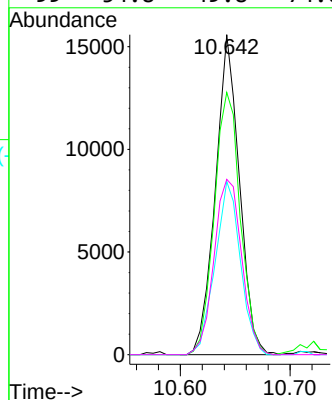
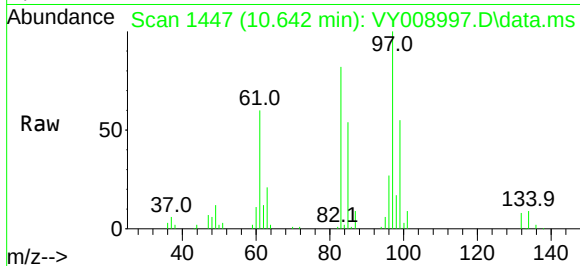




#55
1,1,2-Trichloroethane
Concen: 18.511 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

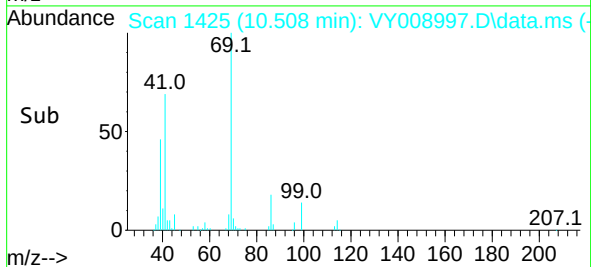
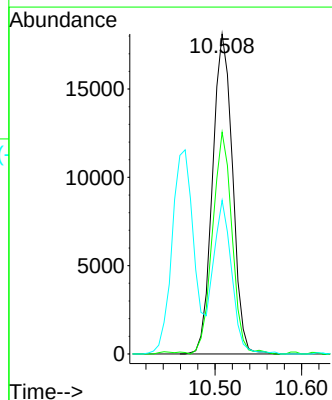
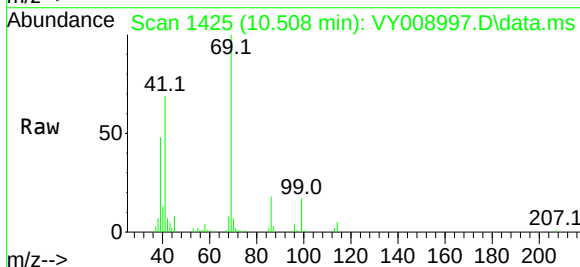
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

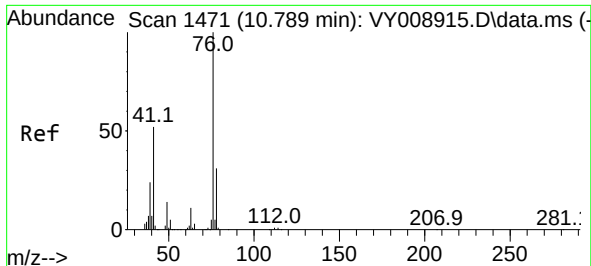
Tgt Ion: 97	Resp: 23709
Ion Ratio	Lower Upper
97 100	
83 81.9	69.8 104.8
85 54.1	44.3 66.5
99 54.8	49.8 74.6



#56
Ethyl methacrylate
Concen: 17.747 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 69	Resp: 29061
Ion Ratio	Lower Upper
69 100	
41 67.6	63.4 95.0
39 43.0	35.8 53.8





#57

1,3-Dichloropropane

Concen: 19.361 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

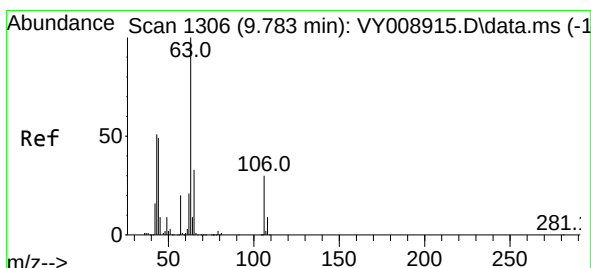
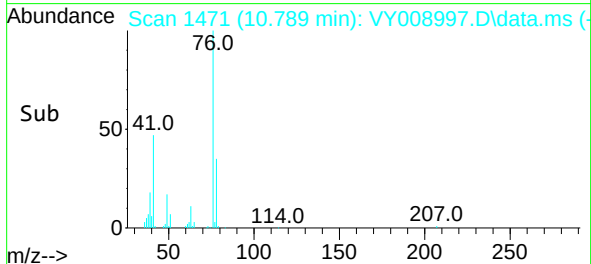
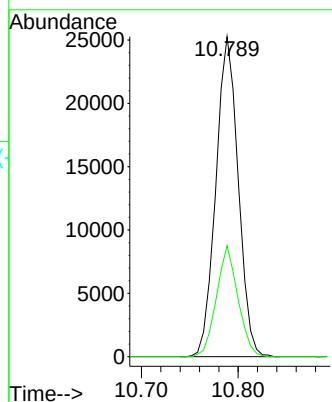
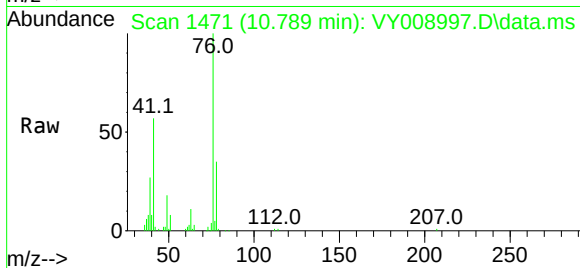
VY0523SBS01

Tgt Ion: 76 Resp: 40451

Ion Ratio Lower Upper

76 100

78 33.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.456 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008997.D

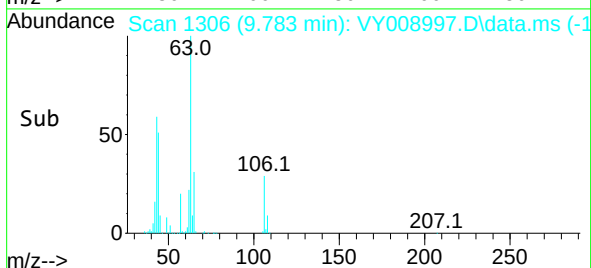
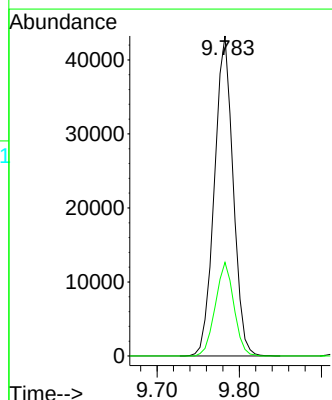
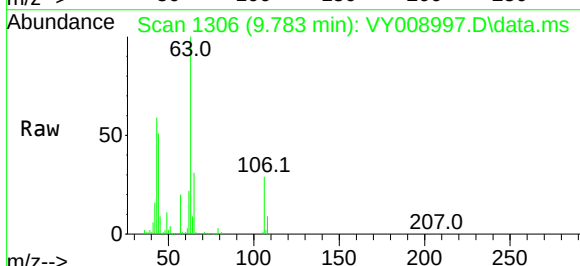
Acq: 23 May 2022 11:36

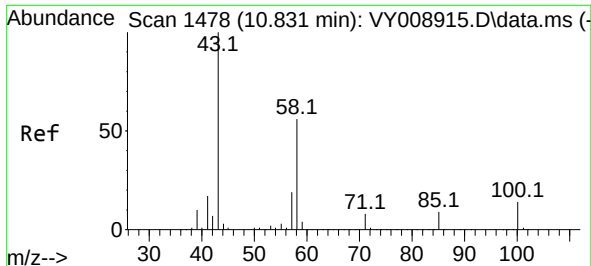
Tgt Ion: 63 Resp: 68332

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3





#59

2-Hexanone

Concen: 98.570 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

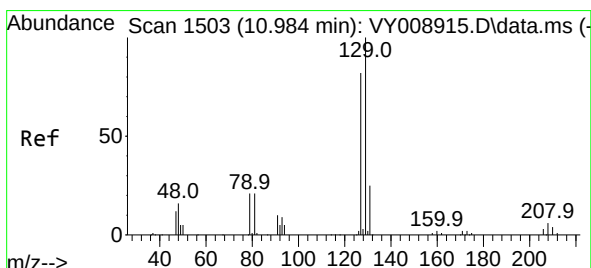
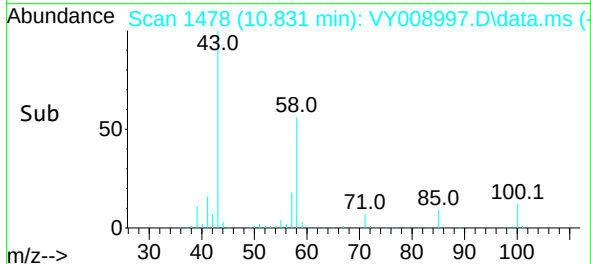
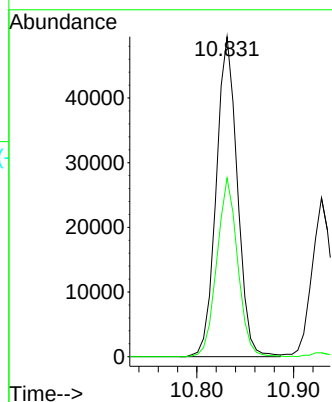
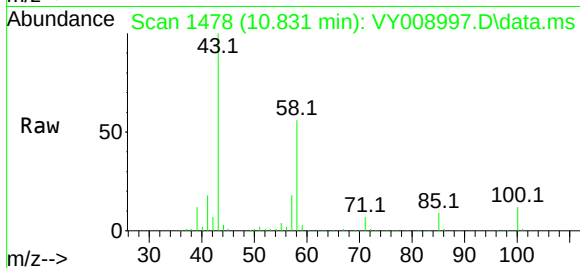
VY0523SBS01

Tgt Ion: 43 Resp: 74909

Ion Ratio Lower Upper

43 100

58 54.9 24.4 73.4



#60

Dibromochloromethane

Concen: 18.590 ug/l

RT: 10.978 min Scan# 1502

Delta R.T. -0.006 min

Lab File: VY008997.D

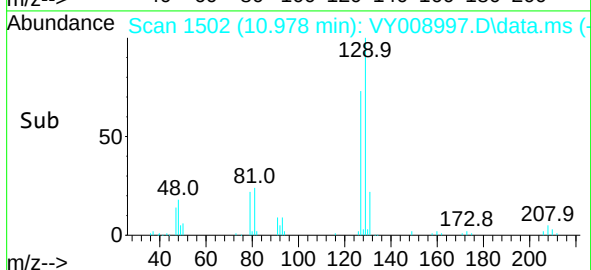
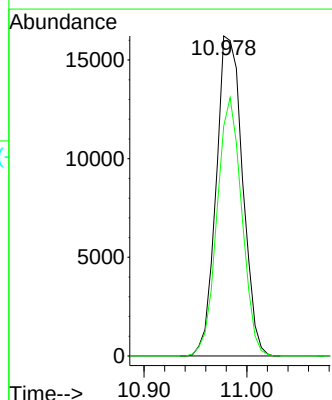
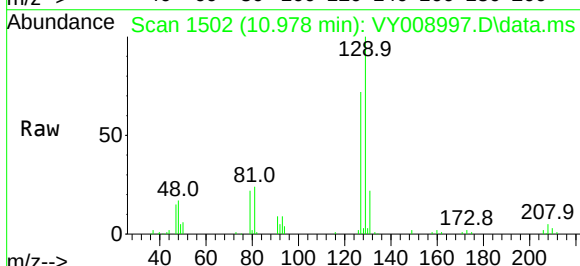
Acq: 23 May 2022 11:36

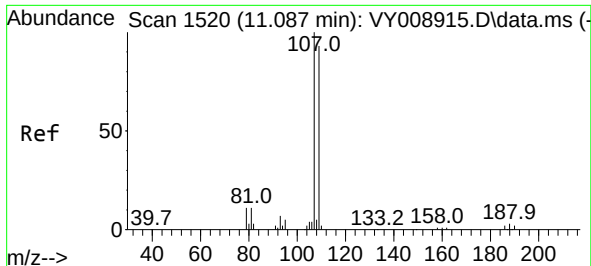
Tgt Ion:129 Resp: 28863

Ion Ratio Lower Upper

129 100

127 75.7 38.7 116.1

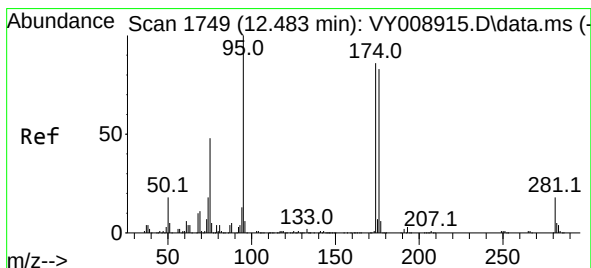
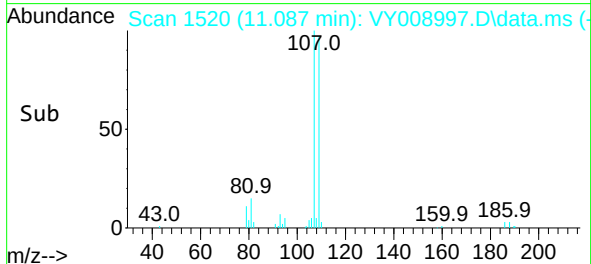
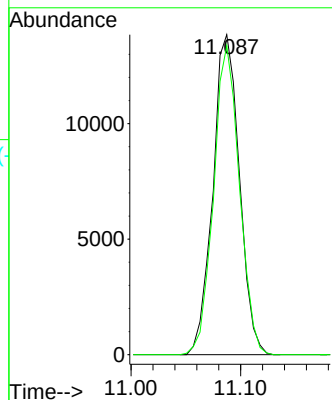
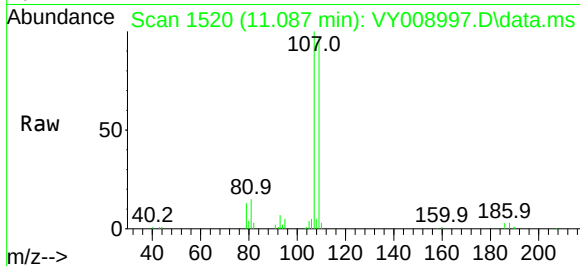




#61
1,2-Dibromoethane
Concen: 18.371 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

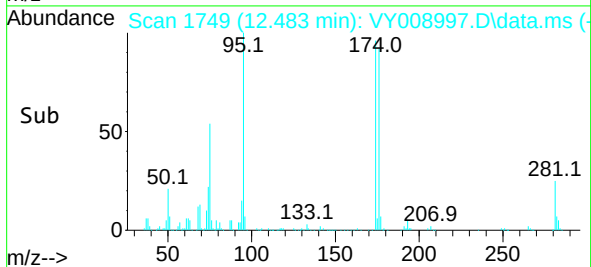
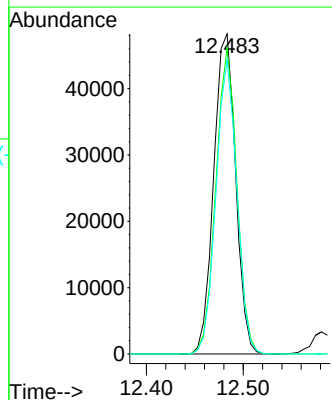
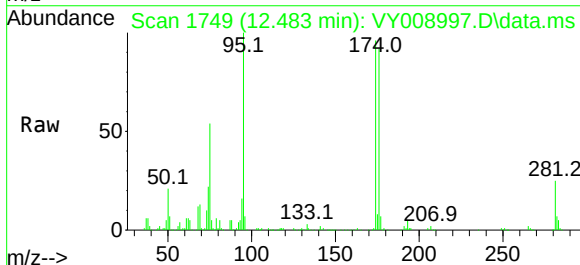
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

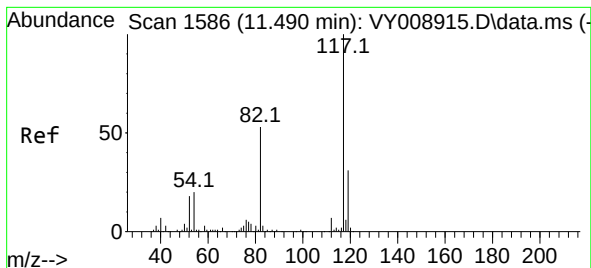
Tgt Ion:107 Resp: 23316
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 41.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 95 Resp: 75828
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 87.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

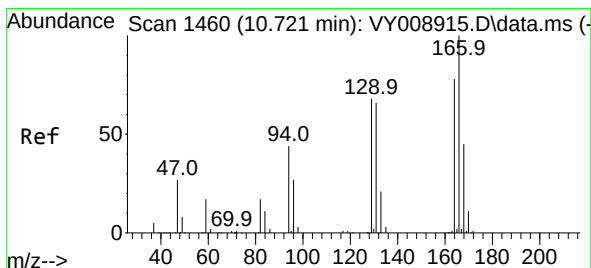
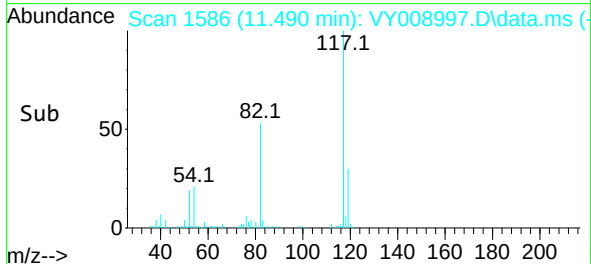
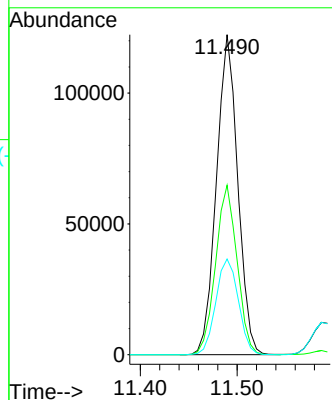
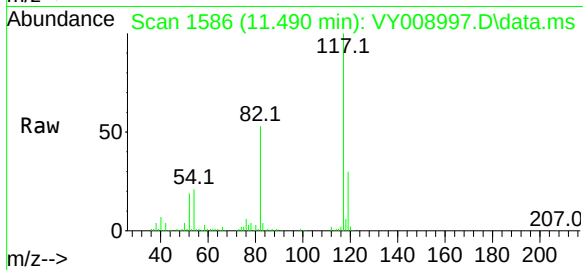
Tgt Ion:117 Resp: 187116

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 29.9 25.4 38.0



#64

Tetrachloroethene

Concen: 19.344 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Tgt Ion:164 Resp: 26345

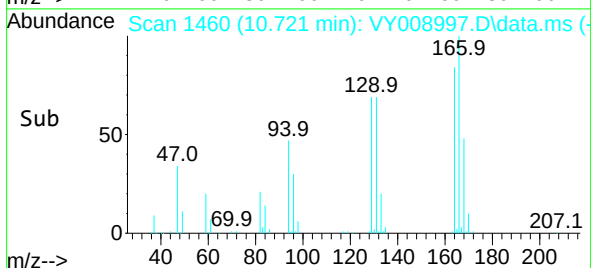
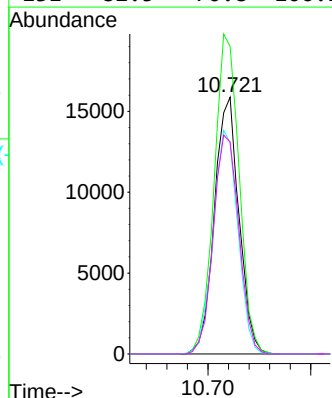
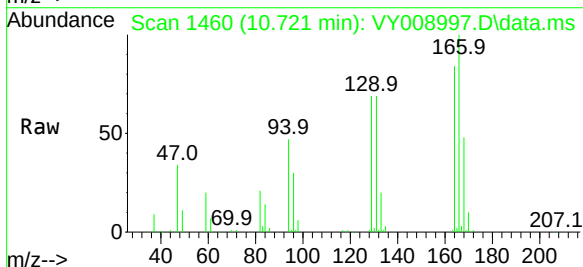
Ion Ratio Lower Upper

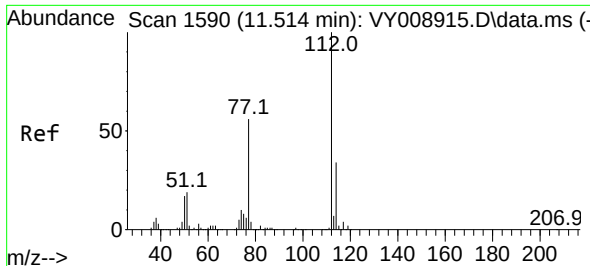
164 100

166 119.6 100.4 150.6

129 82.2 71.4 107.0

131 82.5 70.8 106.2

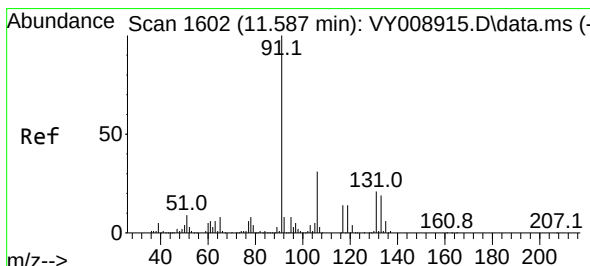
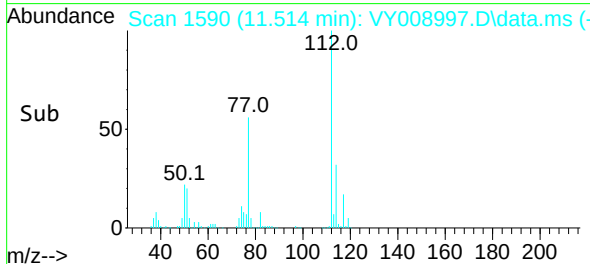
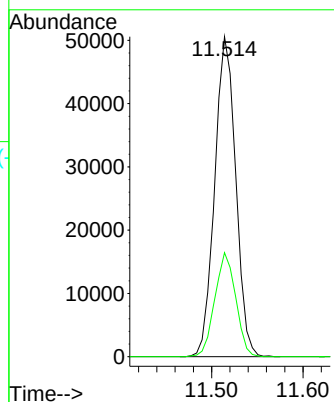
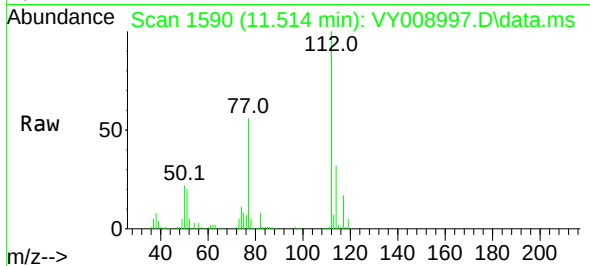




#65
Chlorobenzene
Concen: 18.825 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

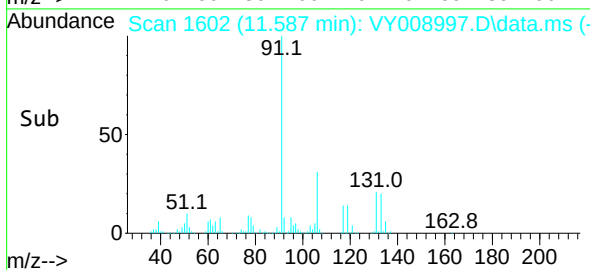
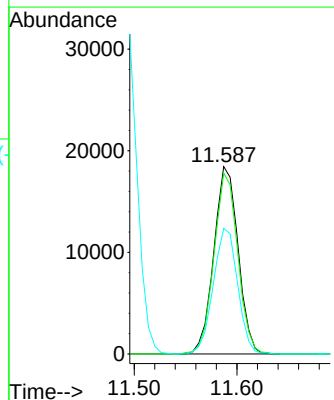
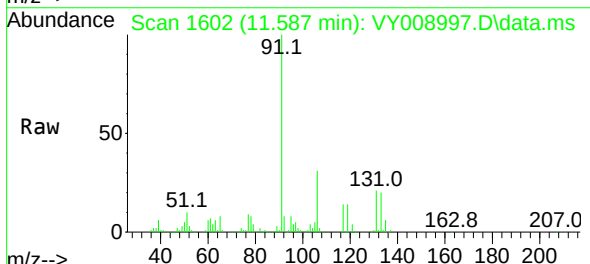
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

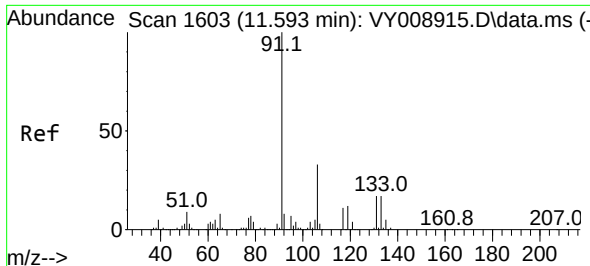
Tgt Ion:112 Resp: 80847
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.190 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion:131 Resp: 30178
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 67.3 30.8 92.3

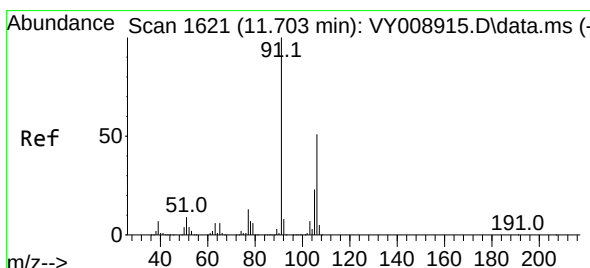
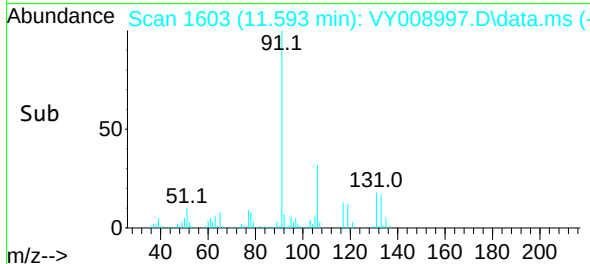
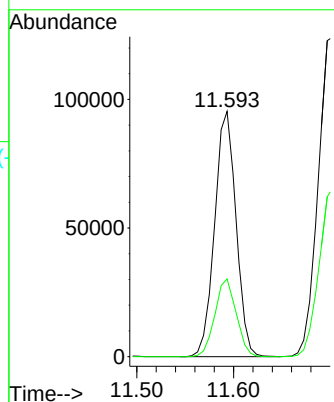
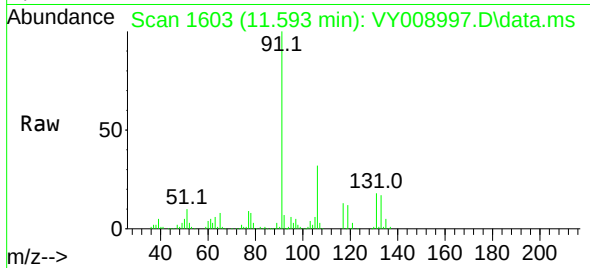




#67
Ethyl Benzene
Concen: 18.870 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

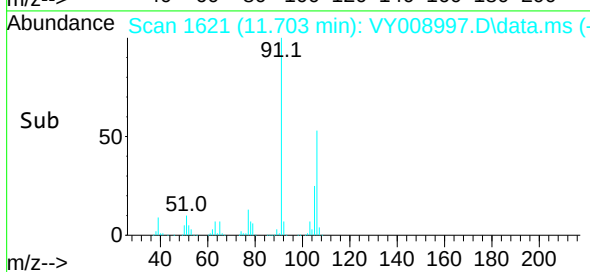
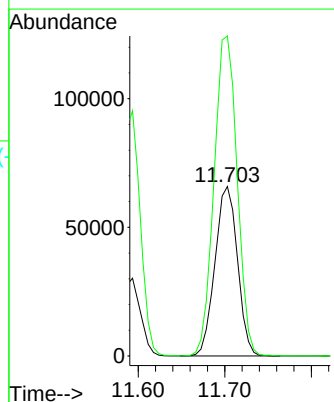
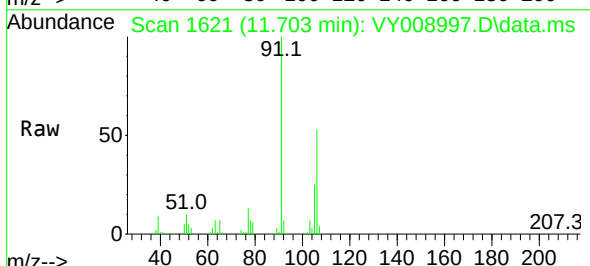
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

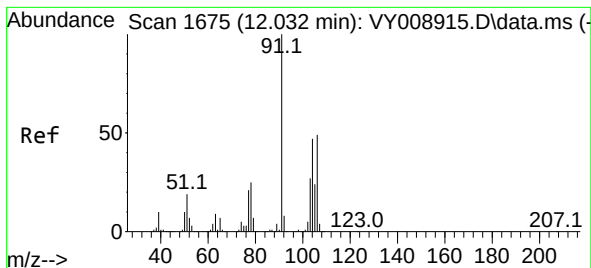
Tgt Ion: 91 Resp: 146051
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 37.853 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion:106 Resp: 118931
Ion Ratio Lower Upper
106 100
91 193.9 166.6 249.8





#69

o-Xylene

Concen: 18.639 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

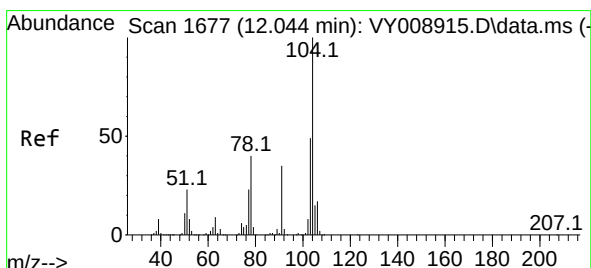
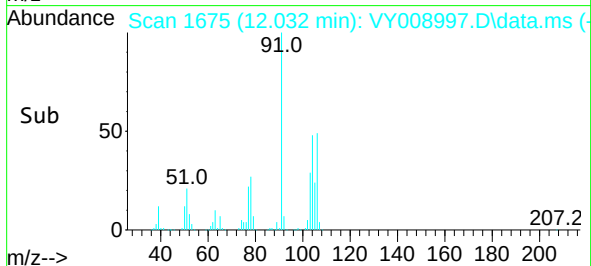
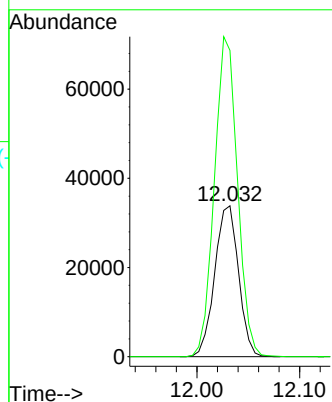
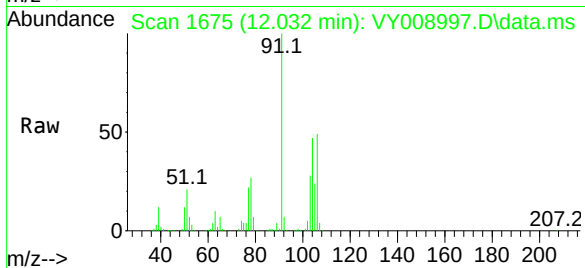
VY0523SBS01

Tgt Ion:106 Resp: 54384

Ion Ratio Lower Upper

106 100

91 205.9 110.3 331.0



#70

Styrene

Concen: 18.251 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

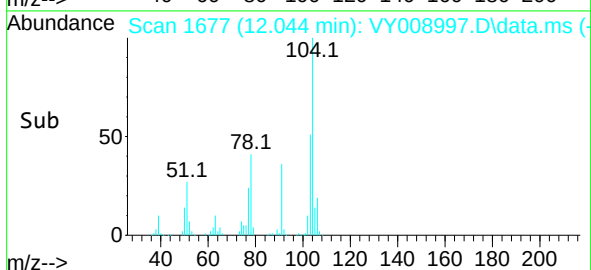
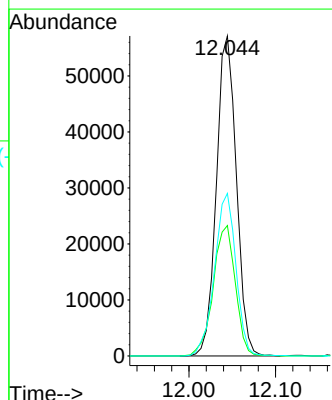
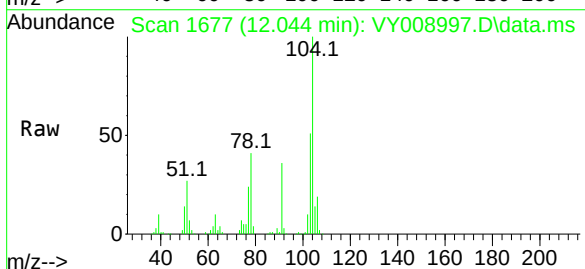
Tgt Ion:104 Resp: 91575

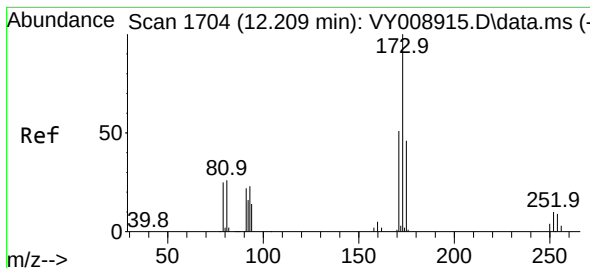
Ion Ratio Lower Upper

104 100

78 45.2 42.4 63.6

103 54.5 44.4 66.6





#71

Bromoform

Concen: 18.034 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

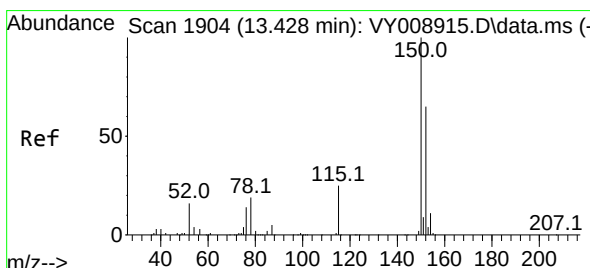
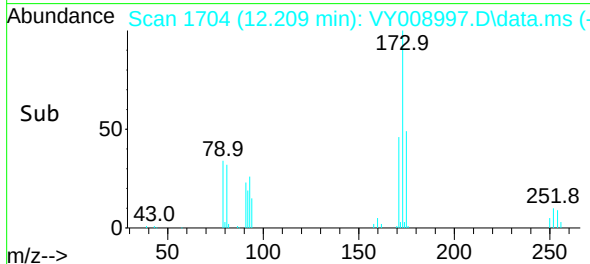
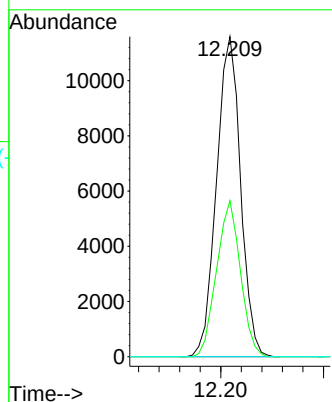
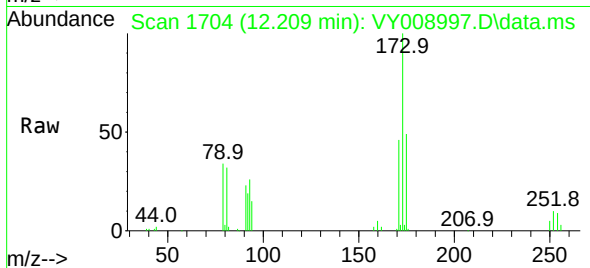
Tgt Ion:173 Resp: 18800

Ion Ratio Lower Upper

173 100

175 48.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

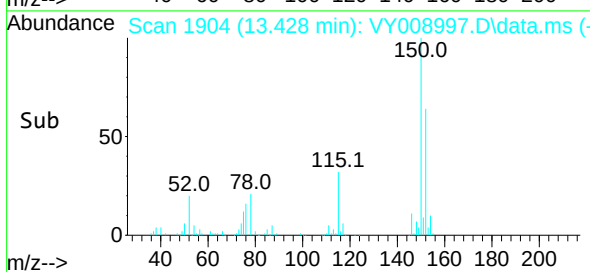
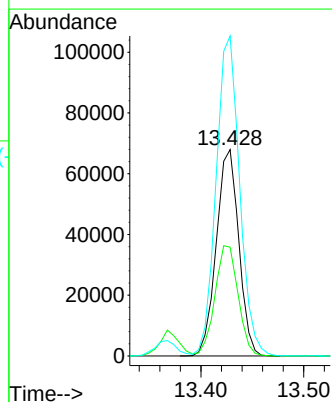
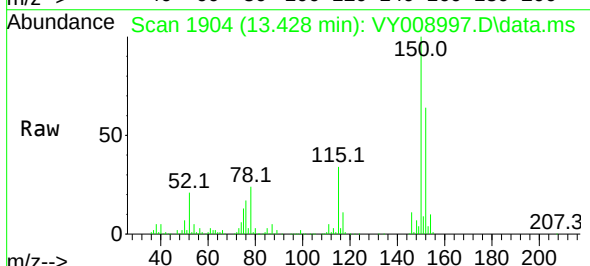
Tgt Ion:152 Resp: 103065

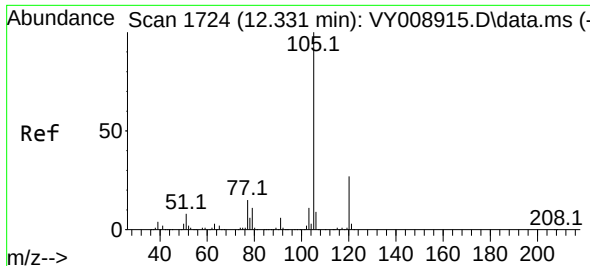
Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 162.3 0.0 347.6

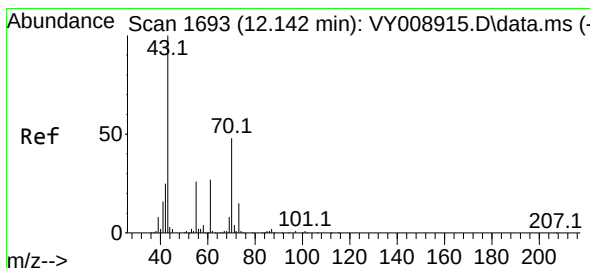
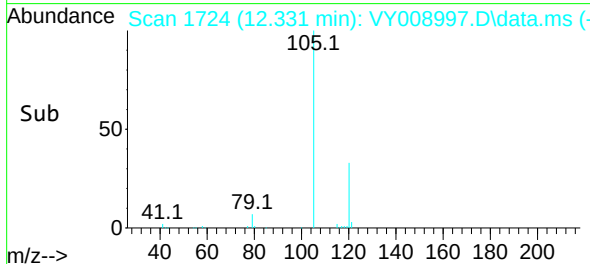
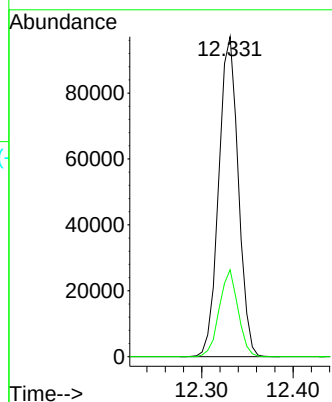
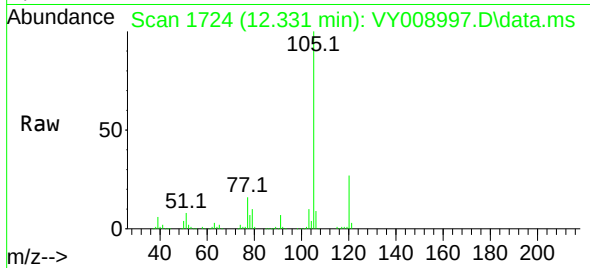




#73
Isopropylbenzene
Concen: 18.749 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

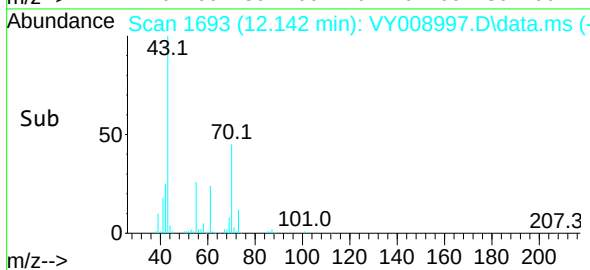
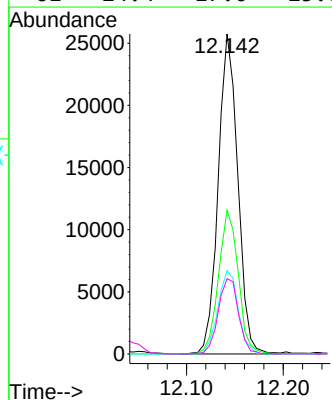
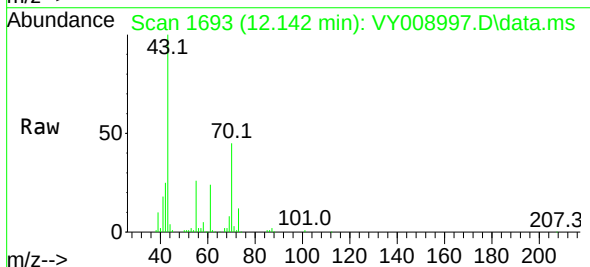
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

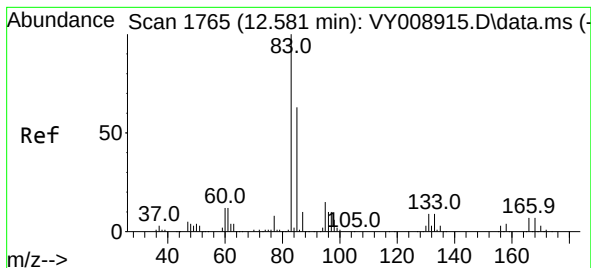
Tgt Ion:105 Resp: 144495
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.2



#74
N-ethyl acetate
Concen: 20.329 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 43 Resp: 36146
Ion Ratio Lower Upper
43 100
70 45.2 28.7 43.1#
55 26.9 17.3 25.9#
61 24.4 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.276 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

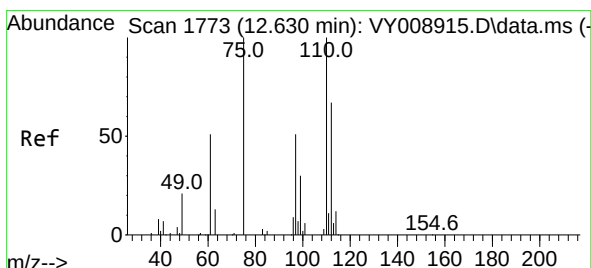
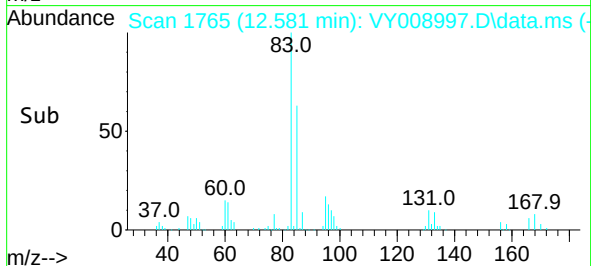
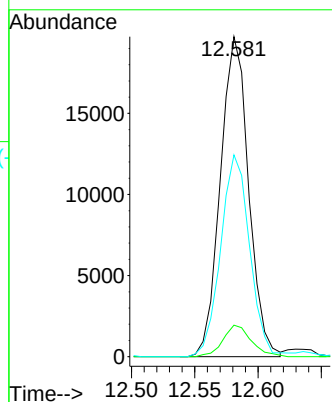
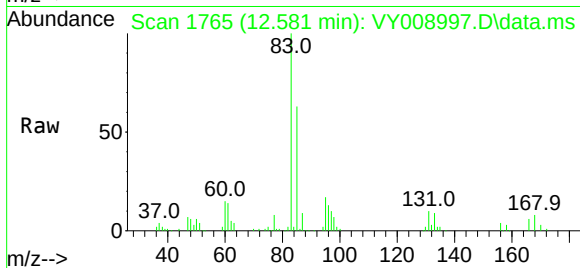
Tgt Ion: 83 Resp: 30601

Ion Ratio Lower Upper

83 100

131 9.9 5.6 16.8

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 35.442 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY008997.D

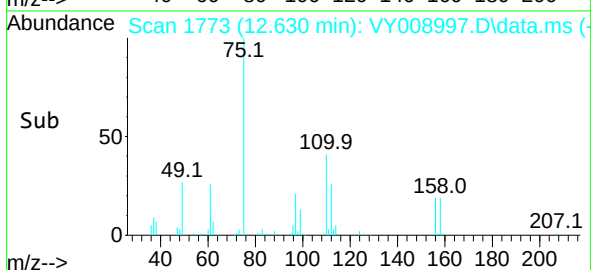
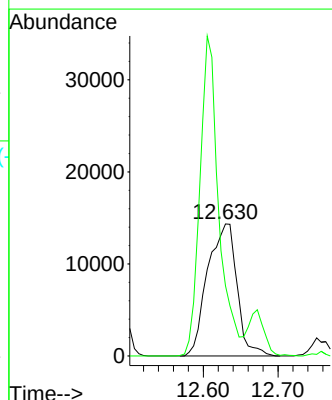
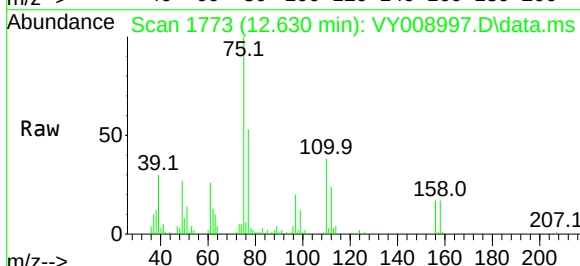
Acq: 23 May 2022 11:36

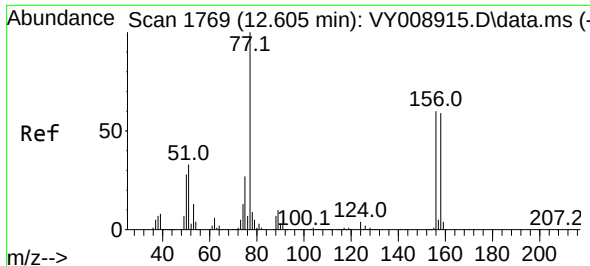
Tgt Ion: 75 Resp: 39227

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

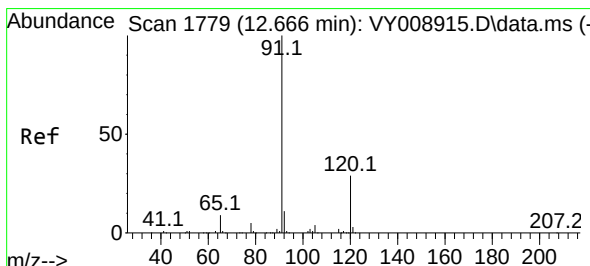
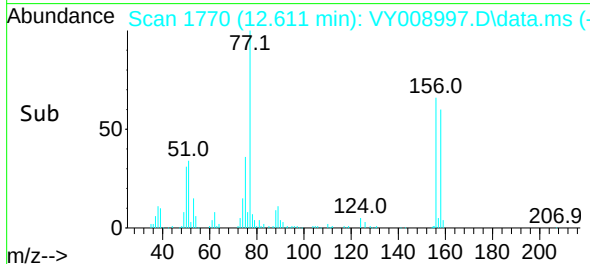
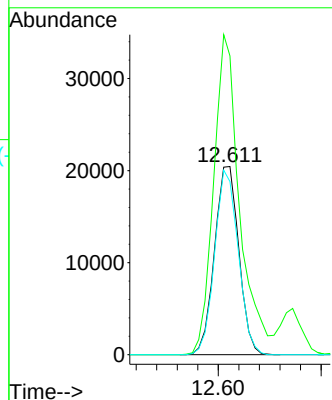
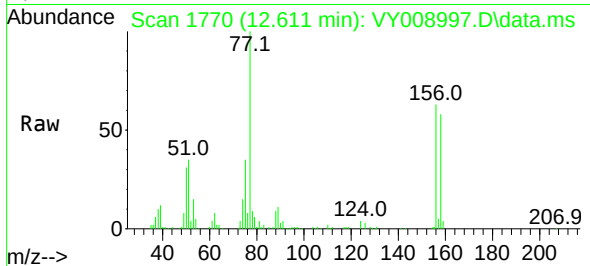




#77
Bromobenzene
Concen: 18.767 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

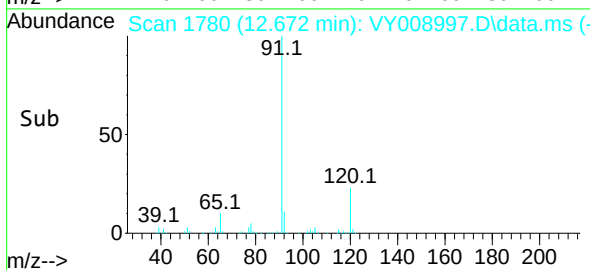
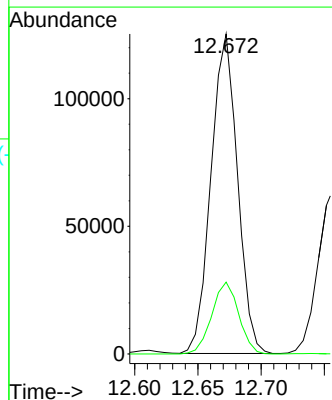
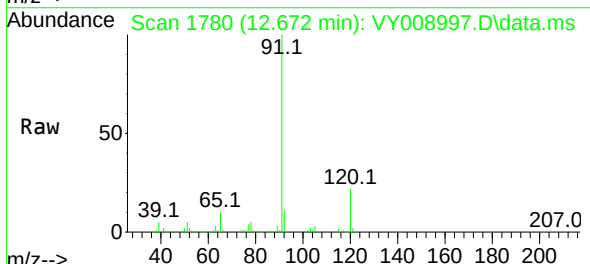
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

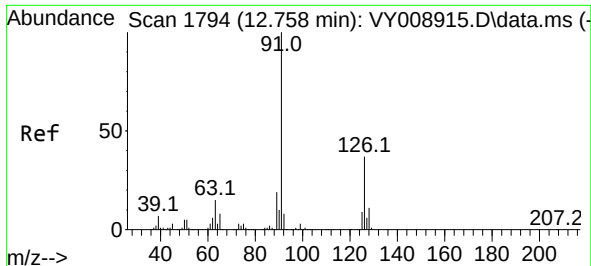
Tgt Ion:156 Resp: 33526
Ion Ratio Lower Upper
156 100
77 180.6 95.5 286.4
158 95.3 48.0 144.0



#78
n-propylbenzene
Concen: 20.474 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 91 Resp: 182299
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

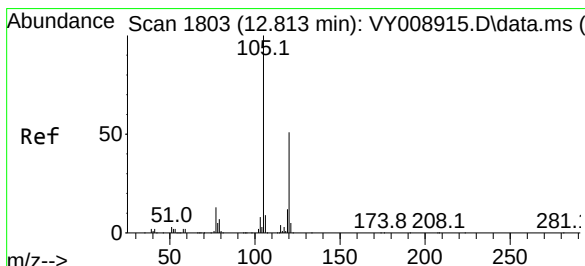
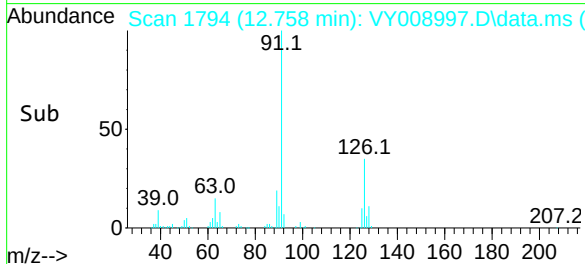
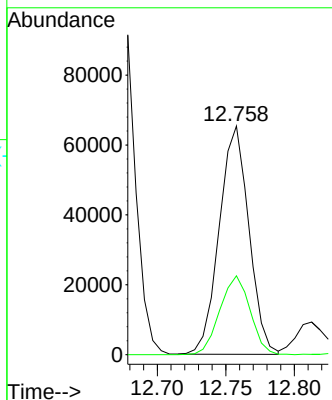
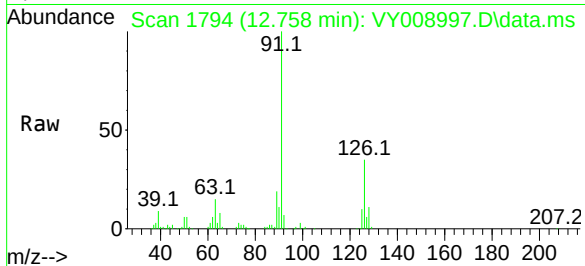




#79
2-Chlorotoluene
Concen: 19.164 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

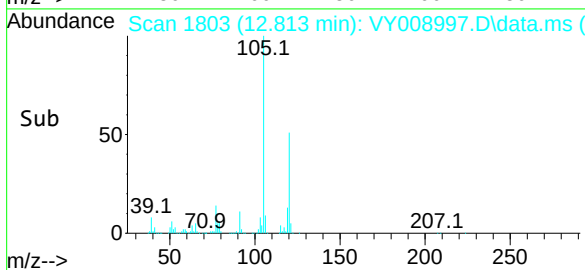
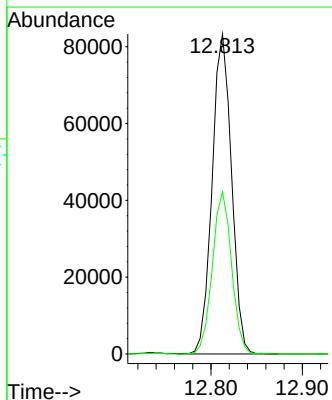
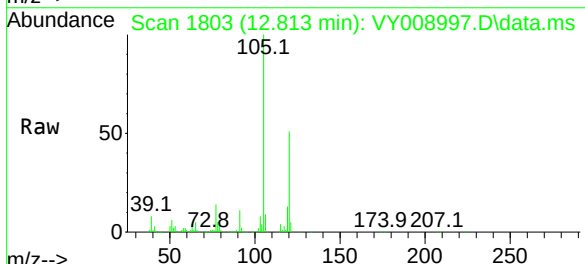
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

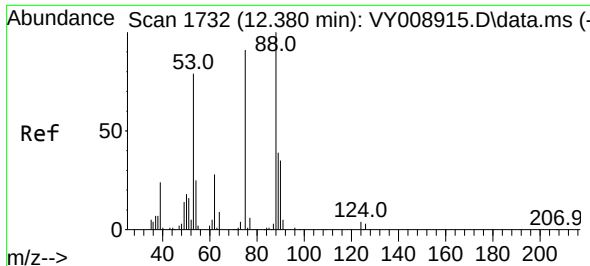
Tgt Ion: 91 Resp: 98426
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.003 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 105 Resp: 122748
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4

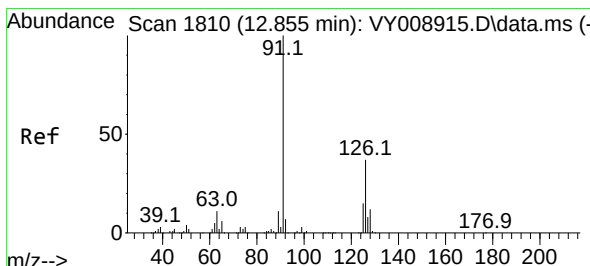
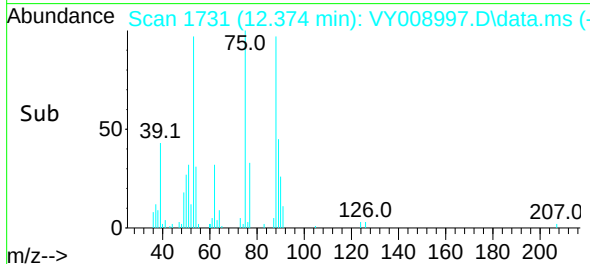
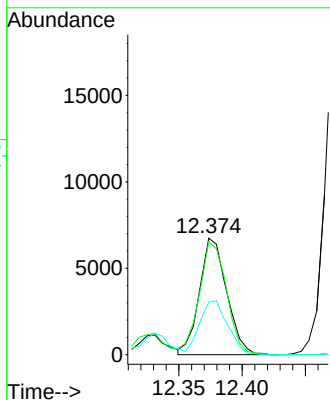
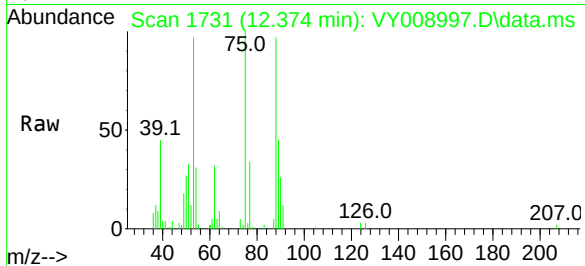




#81
trans-1,4-Dichloro-2-butene
Concen: 18.786 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

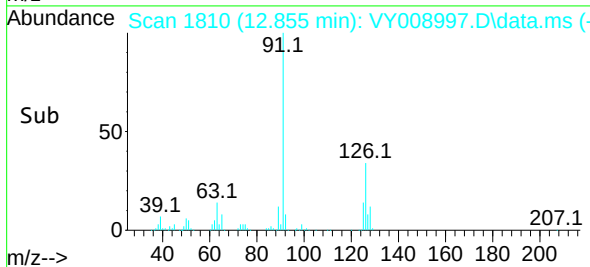
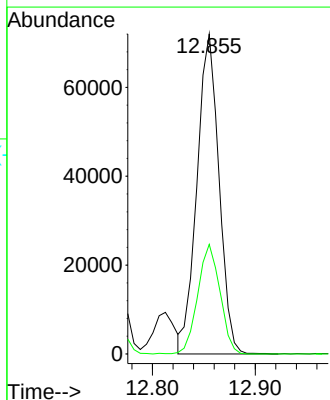
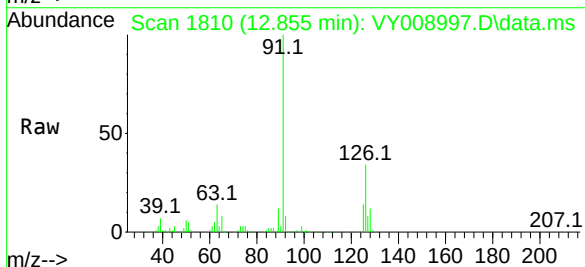
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

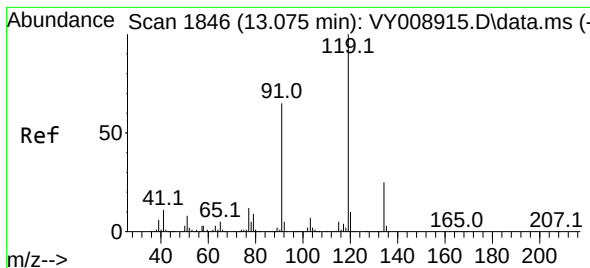
Tgt Ion: 75 Resp: 10130
Ion Ratio Lower Upper
75 100
53 96.7 85.3 127.9
89 47.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.511 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 91 Resp: 107181
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 18.866 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

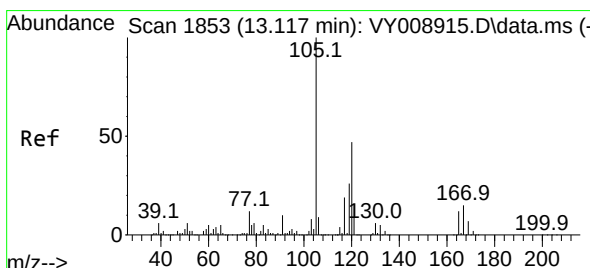
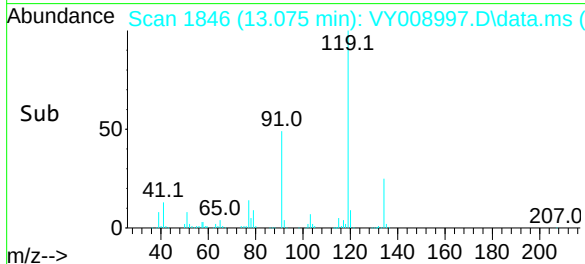
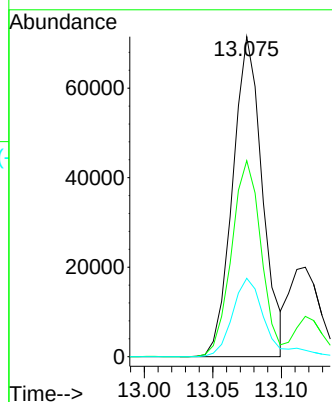
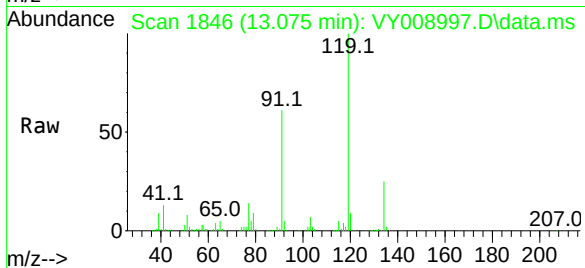
Tgt Ion:119 Resp: 108117

Ion Ratio Lower Upper

119 100

91 61.0 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.334 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY008997.D

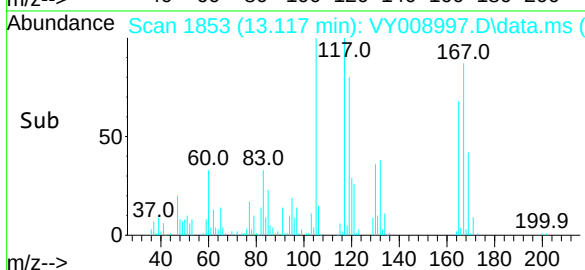
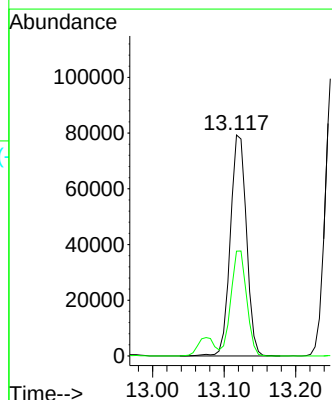
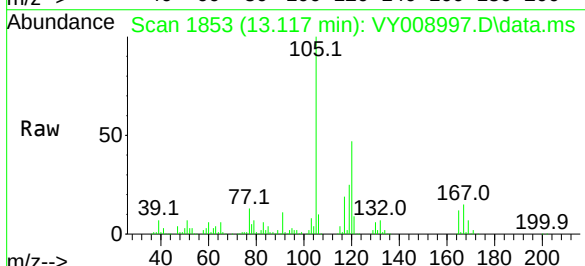
Acq: 23 May 2022 11:36

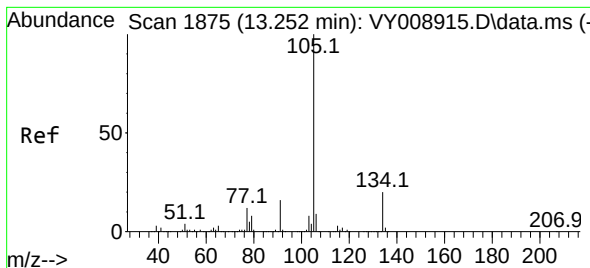
Tgt Ion:105 Resp: 123978

Ion Ratio Lower Upper

105 100

120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.312 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

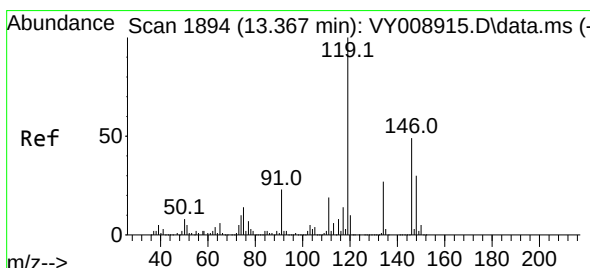
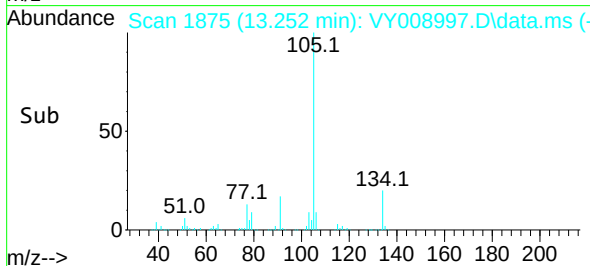
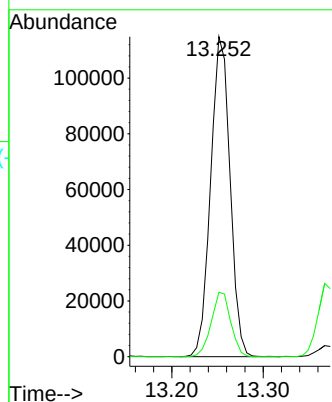
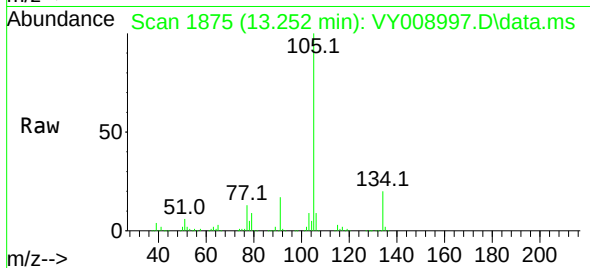
VY0523SBS01

Tgt Ion:105 Resp: 169330

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.353 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

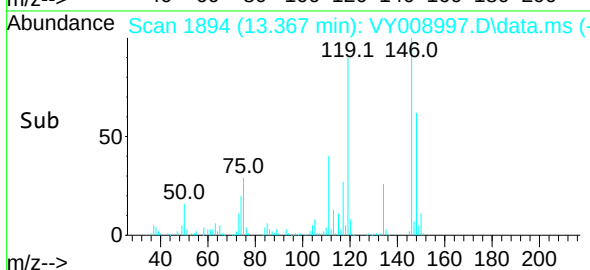
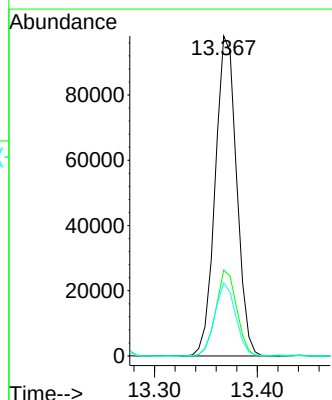
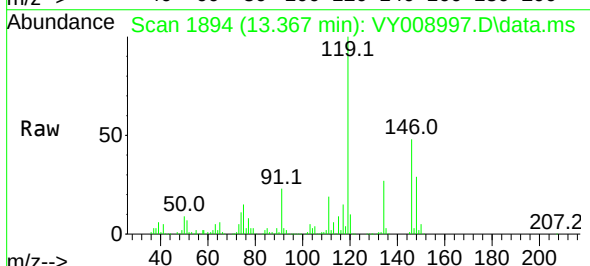
Tgt Ion:119 Resp: 141505

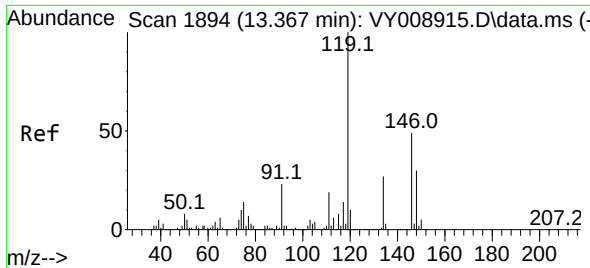
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 22.4 12.4 37.2

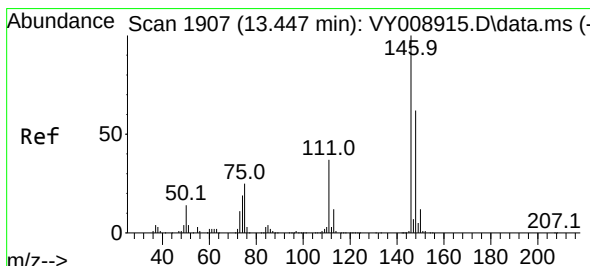
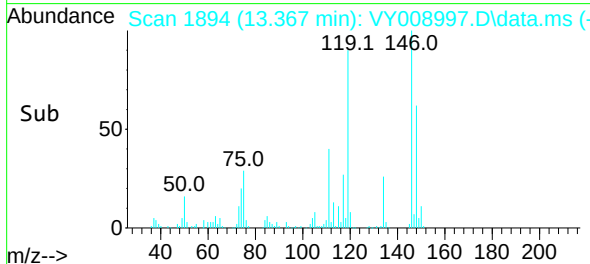
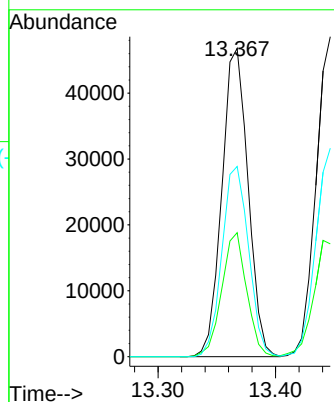
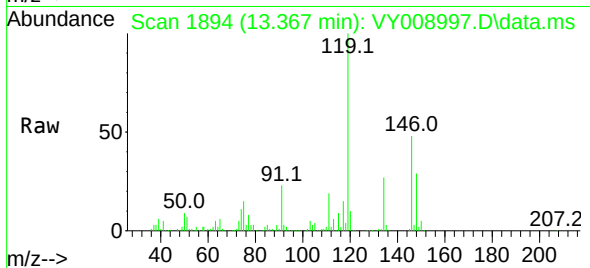




#87
1,3-Dichlorobenzene
Concen: 19.018 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

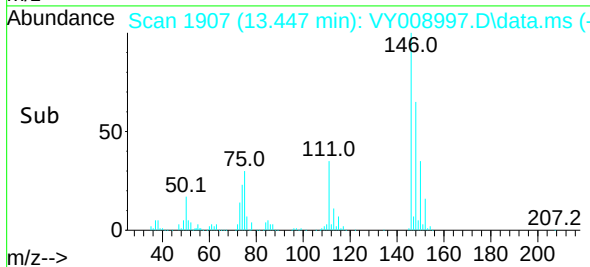
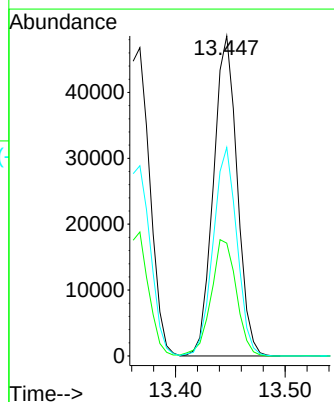
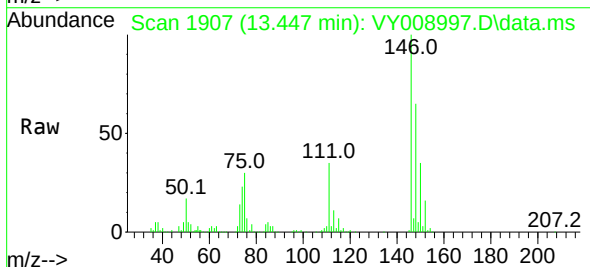
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

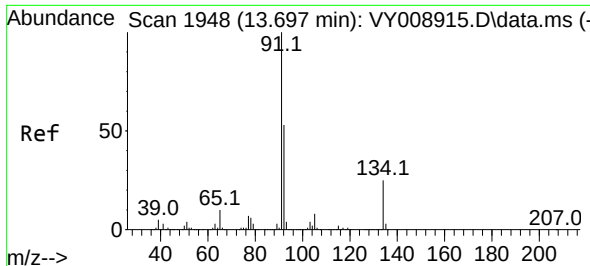
Tgt Ion:146 Resp: 72476
Ion Ratio Lower Upper
146 100
111 38.3 19.5 58.5
148 62.9 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.118 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion:146 Resp: 73196
Ion Ratio Lower Upper
146 100
111 38.4 19.3 57.8
148 65.4 32.6 97.8

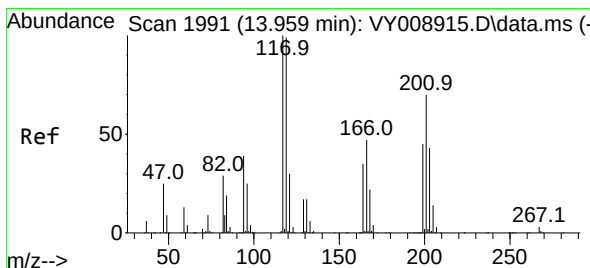
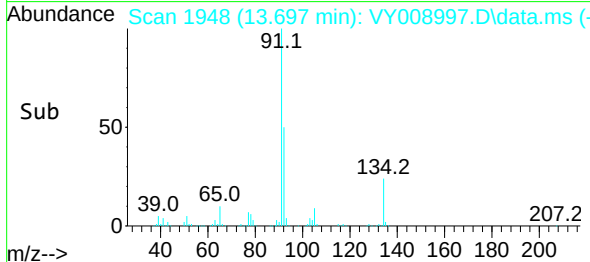
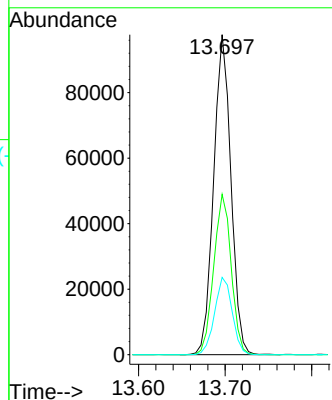
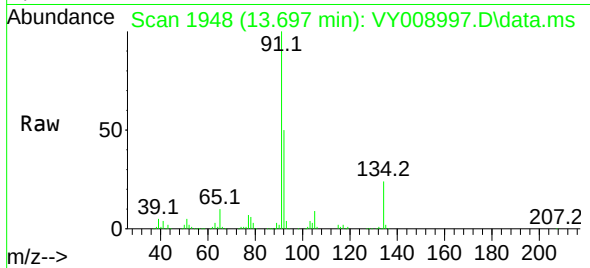




#89
n-Butylbenzene
Concen: 20.276 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

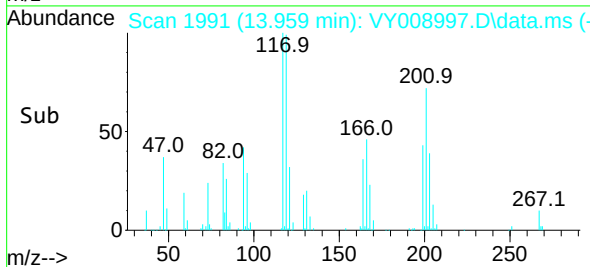
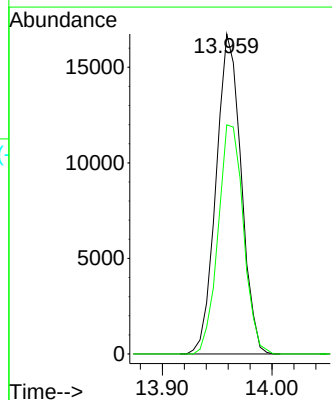
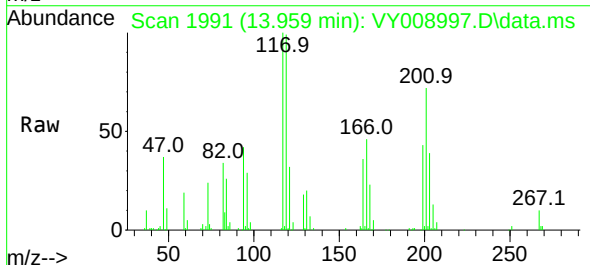
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS01

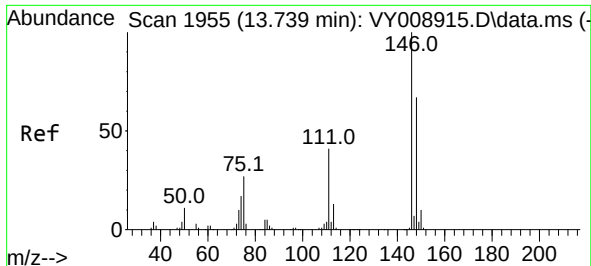
Tgt Ion: 91 Resp: 135630
Ion Ratio Lower Upper
91 100
92 50.6 26.3 78.9
134 24.6 13.0 38.9



#90
Hexachloroethane
Concen: 19.411 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008997.D
Acq: 23 May 2022 11:36

Tgt Ion: 117 Resp: 26598
Ion Ratio Lower Upper
117 100
201 72.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 19.218 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

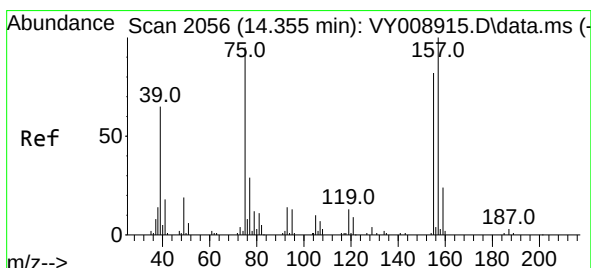
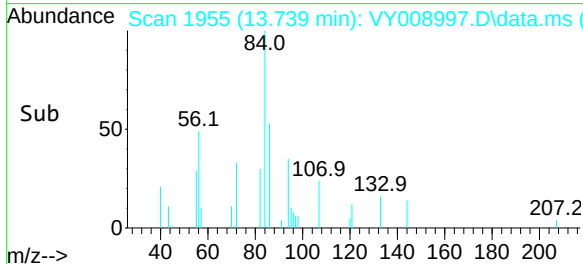
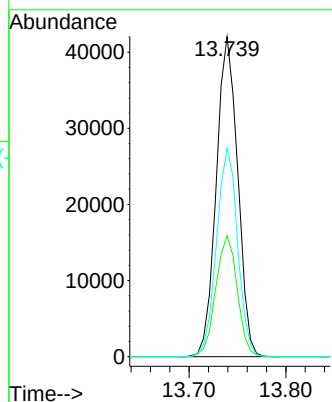
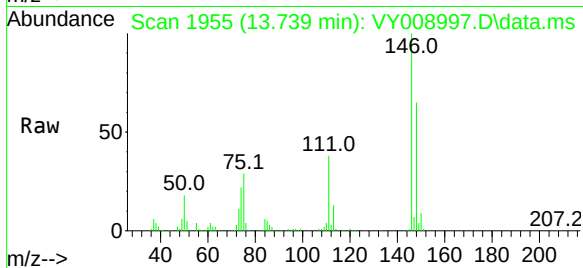
Tgt Ion:146 Resp: 64647

Ion Ratio Lower Upper

146 100

111 37.9 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.447 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

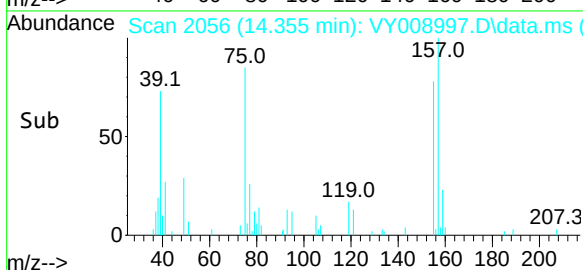
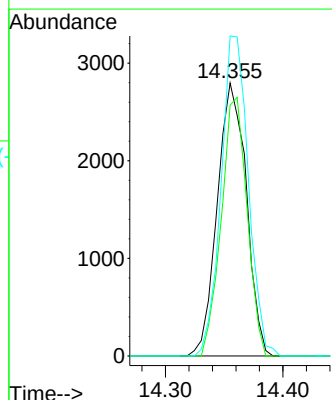
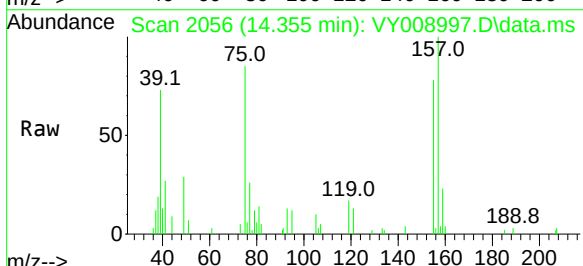
Tgt Ion: 75 Resp: 4793

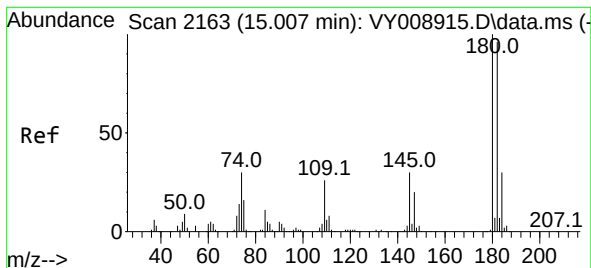
Ion Ratio Lower Upper

75 100

155 84.0 38.0 113.9

157 110.6 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 18.232 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

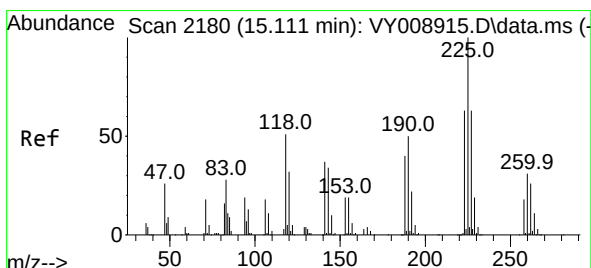
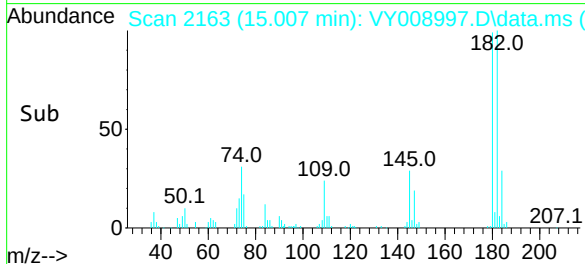
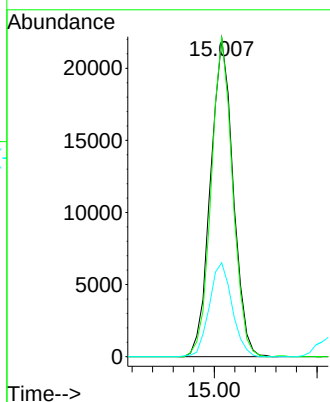
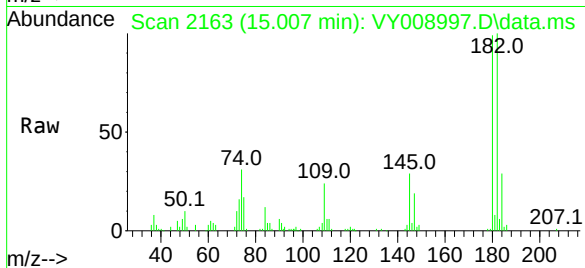
Tgt Ion:180 Resp: 33660

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.397 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

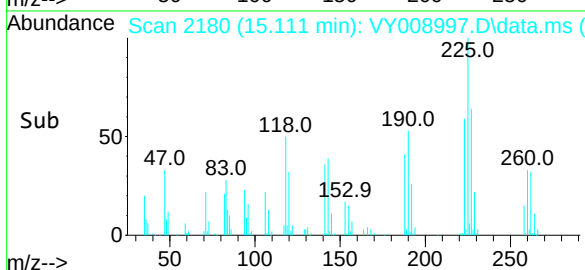
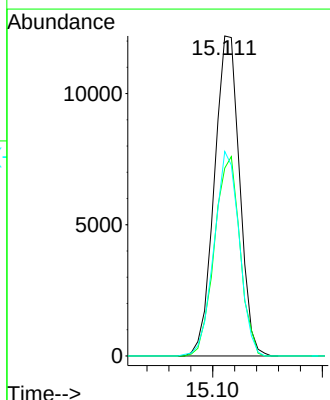
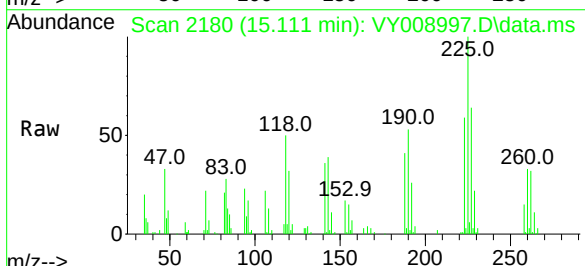
Tgt Ion:225 Resp: 19518

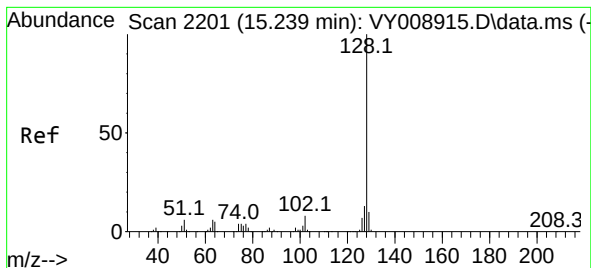
Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 63.6 31.6 94.7





#95

Naphthalene

Concen: 17.697 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS01

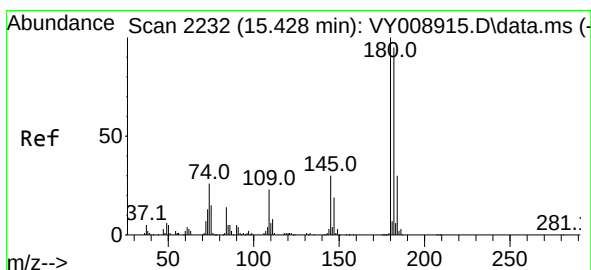
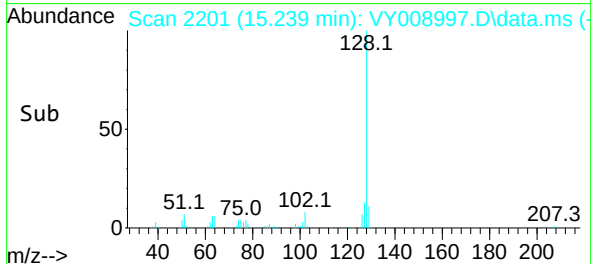
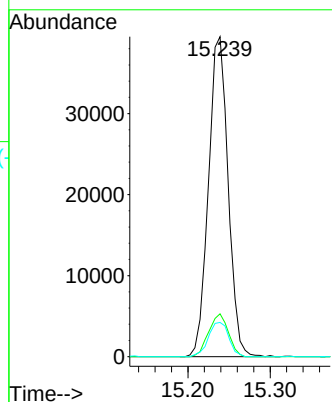
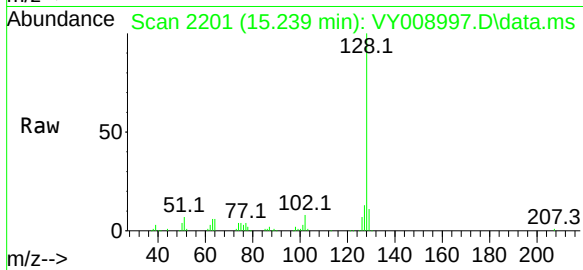
Tgt Ion:128 Resp: 65635

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 18.759 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY008997.D

Acq: 23 May 2022 11:36

Tgt Ion:180 Resp: 30095

Ion Ratio Lower Upper

180 100

182 89.8 47.3 141.9

145 31.3 15.3 45.9

