

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008921.D
 Acq On : 20 May 2022 22:53
 Operator : KP/MD
 Sample : VY0520SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Quant Time: May 20 23:56:35 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	141094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	235254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60992	42.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.000%
35) Dibromofluoromethane	7.716	113	65435	44.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.460%
50) Toluene-d8	10.179	98	212025	39.287	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.580%
62) 4-Bromofluorobenzene	12.483	95	102273	46.978	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	25973	20.127	ug/l	99
3) Chloromethane	2.113	50	37527	20.298	ug/l	97
4) Vinyl Chloride	2.247	62	54247	19.805	ug/l	99
5) Bromomethane	2.631	94	63949	23.818	ug/l	99
6) Chloroethane	2.784	64	38420	19.800	ug/l	99
7) Trichlorofluoromethane	3.119	101	49239	21.169	ug/l	94
8) Diethyl Ether	3.528	74	15817	21.747	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	29788	20.837	ug/l	94
10) Methyl Iodide	4.088	142	27819	18.845	ug/l	91
11) Tert butyl alcohol	4.942	59	16545	112.328	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	28106	21.179	ug/l	82
13) Acrolein	3.729	56	7466	153.995	ug/l	95
14) Allyl chloride	4.479	41	41161	20.581	ug/l #	87
15) Acrylonitrile	5.161	53	43867	107.720	ug/l	98
16) Acetone	3.942	43	33473	110.739	ug/l	96
17) Carbon Disulfide	4.186	76	88841	20.491	ug/l	97
18) Methyl Acetate	4.473	43	20882	22.185	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	84095	21.112	ug/l	99
20) Methylene Chloride	4.710	84	45114	22.236	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	34119	20.030	ug/l #	81
22) Diisopropyl ether	6.112	45	96886	20.164	ug/l #	94
23) Vinyl Acetate	6.058	43	320585	100.866	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	59076	20.556	ug/l	97
25) 2-Butanone	6.984	43	56324	104.326	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	52277	19.747	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	38944	20.282	ug/l	88
28) Bromochloromethane	7.332	49	20473	20.755	ug/l	89
29) Tetrahydrofuran	7.344	42	37201	101.439	ug/l #	83
30) Chloroform	7.502	83	63390	20.434	ug/l	99
31) Cyclohexane	7.777	56	55028	19.371	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	56965	20.240	ug/l	98
36) 1,1-Dichloropropene	7.917	75	48148	19.340	ug/l	98
37) Ethyl Acetate	7.070	43	25589	19.815	ug/l #	95
38) Carbon Tetrachloride	7.899	117	49788	19.117	ug/l	97
39) Methylcyclohexane	9.179	83	61877	19.255	ug/l	88
40) Benzene	8.161	78	141105	19.655	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	35474	53.232	ug/l #	27
42) 1,2-Dichloroethane	8.234	62	42764	20.286	ug/l	93
43) Isopropyl Acetate	8.271	43	49390	20.568	ug/l #	91
44) Trichloroethene	8.935	130	38571	20.291	ug/l	100
45) 1,2-Dichloropropane	9.209	63	34779	20.176	ug/l	97
46) Dibromomethane	9.307	93	22622	20.639	ug/l	93
47) Bromodichloromethane	9.496	83	51313	20.484	ug/l	94
48) Methyl methacrylate	9.289	41	22114	20.624	ug/l #	81
49) 1,4-Dioxane	9.301	88	5779	394.413	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	136894	103.010	ug/l	92
52) Toluene	10.240	92	99381	19.809	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	52555	19.757	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	57474	20.098	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	30179	19.680	ug/l	99
56) Ethyl methacrylate	10.508	69	38179	19.474	ug/l	87
57) 1,3-Dichloropropane	10.788	76	51082	20.421	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	82980	97.832	ug/l	96
59) 2-Hexanone	10.831	43	95488	104.944	ug/l	91
60) Dibromochloromethane	10.984	129	36776	19.784	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30438	20.031	ug/l	99
64) Tetrachloroethene	10.721	164	33767	20.237	ug/l	98
65) Chlorobenzene	11.514	112	106628	20.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	38070	19.760	ug/l	97
67) Ethyl Benzene	11.593	91	185313	19.544	ug/l	99
68) m/p-Xylenes	11.703	106	152521	39.624	ug/l	91
69) o-Xylene	12.026	106	71212	19.922	ug/l	89
70) Styrene	12.044	104	118441	19.268	ug/l	94
71) Bromoform	12.209	173	24396	19.102	ug/l #	98
73) Isopropylbenzene	12.331	105	186800	19.754	ug/l	100
74) N-amyl acetate	12.142	43	46246	21.197	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	40746	20.917	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	50454	37.151	ug/l #	100
77) Bromobenzene	12.605	156	43964	20.056	ug/l	95
78) n-propylbenzene	12.672	91	232592	21.289	ug/l	99
79) 2-Chlorotoluene	12.758	91	127903	20.296	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	159746	20.155	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13388	20.234	ug/l	86
82) 4-Chlorotoluene	12.855	91	135901	20.162	ug/l	95
83) tert-Butylbenzene	13.075	119	140042	19.915	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	159997	20.335	ug/l	97
85) sec-Butylbenzene	13.251	105	220310	20.477	ug/l	100
86) p-Isopropyltoluene	13.367	119	184003	20.509	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	95494	20.422	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	95143	20.253	ug/l	100
89) n-Butylbenzene	13.696	91	173612	21.152	ug/l	99
90) Hexachloroethane	13.959	117	34524	20.534	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	84394	20.446	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6068	20.064	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	45274	19.986	ug/l	98
94) Hexachlorobutadiene	15.111	225	25095	20.325	ug/l	98
95) Naphthalene	15.239	128	95302	20.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	39994	20.317	ug/l	98

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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

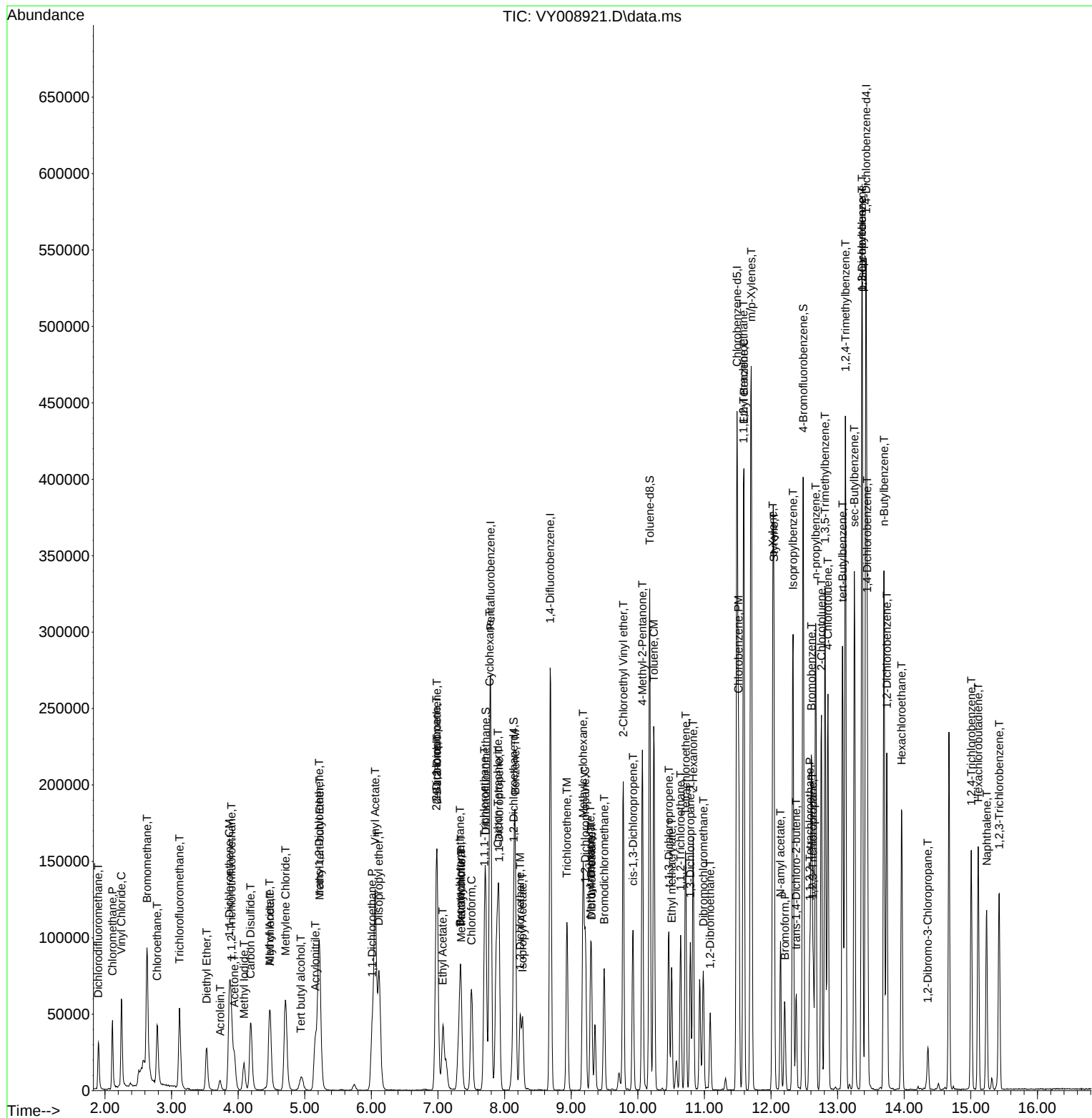
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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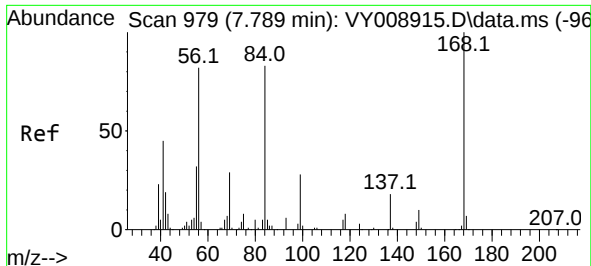
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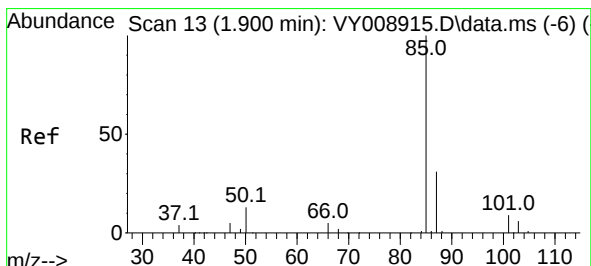
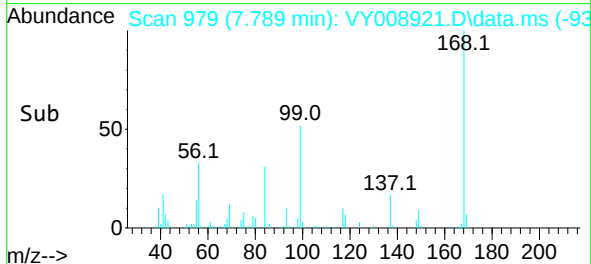
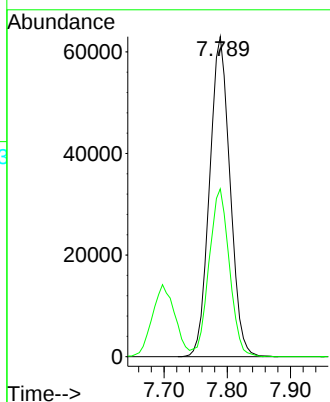
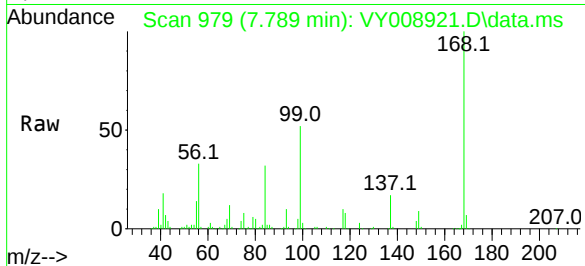




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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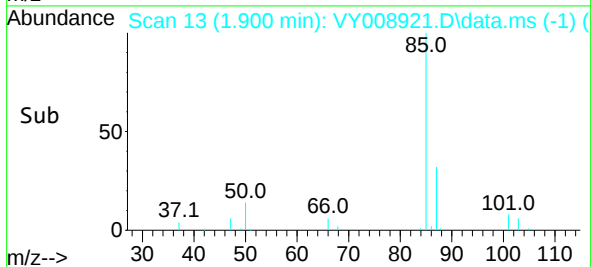
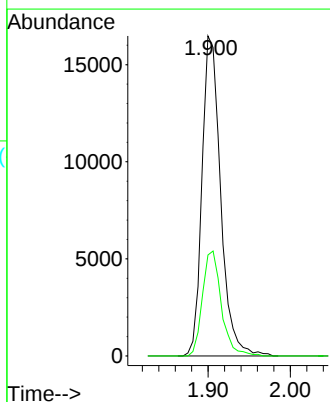
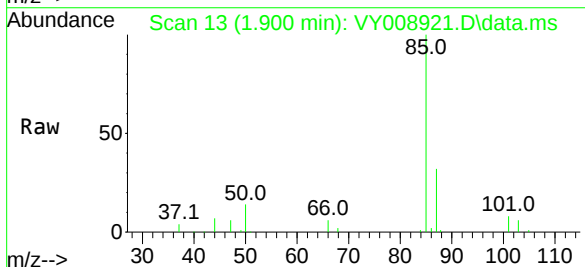
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

Tgt Ion:168 Resp: 141094
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 20.127 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 85 Resp: 25973
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

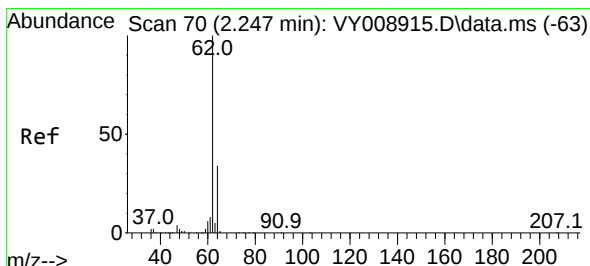
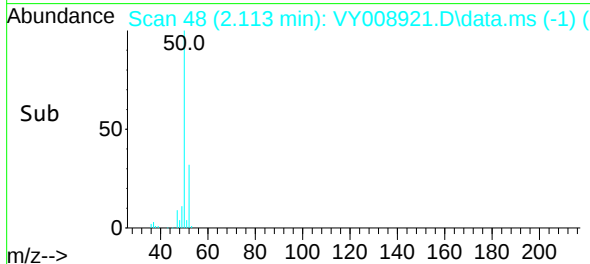
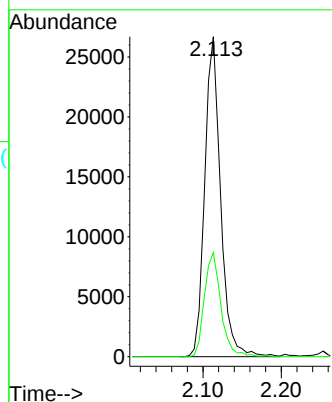
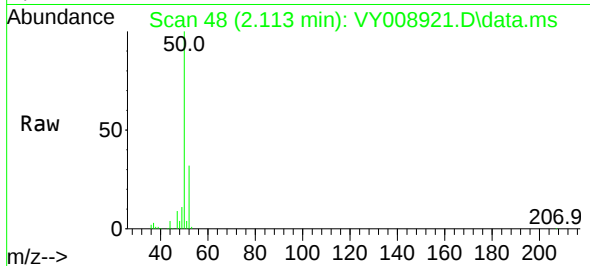




#3
Chloromethane
Concen: 20.298 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

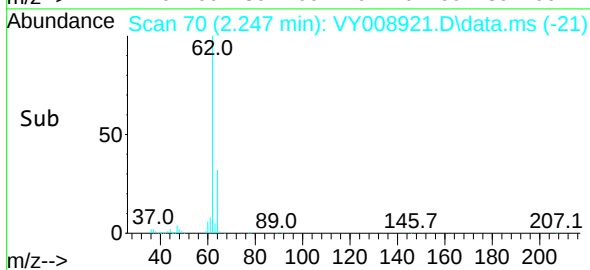
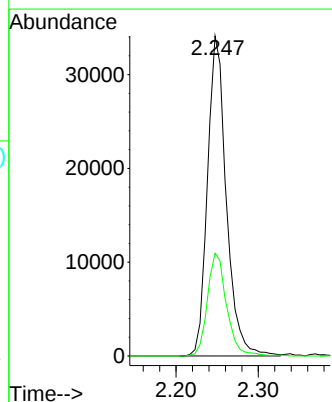
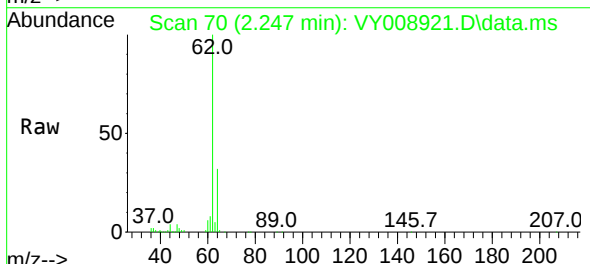
Instrument :
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ClientSampleId :
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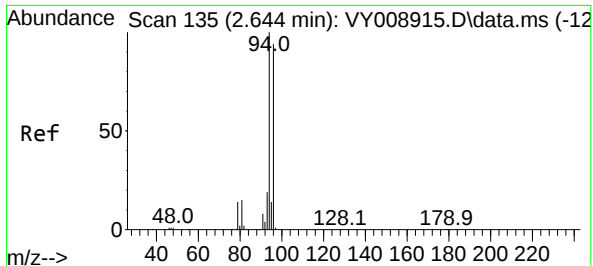
Tgt Ion: 50 Resp: 37527
Ion Ratio Lower Upper
50 100
52 32.5 24.6 37.0



#4
Vinyl Chloride
Concen: 19.805 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 62 Resp: 54247
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

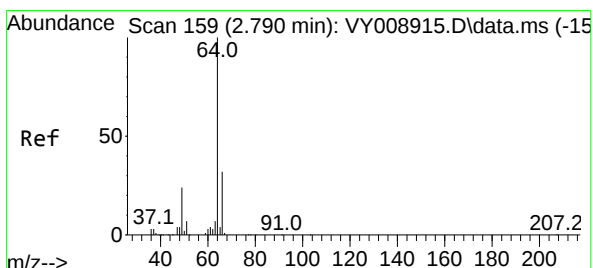
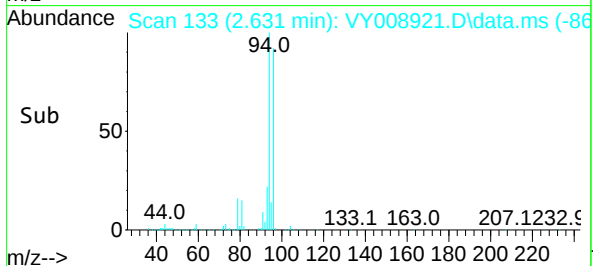
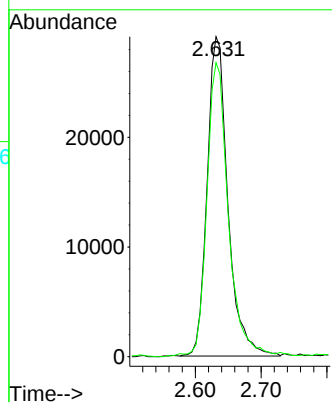
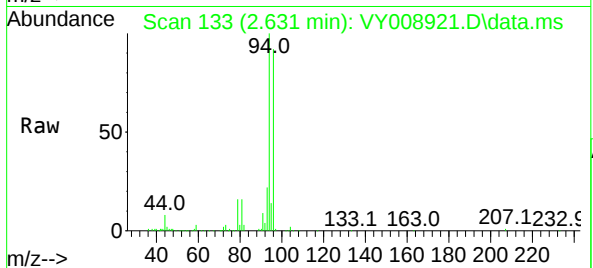




#5
Bromomethane
Concen: 23.818 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY008921.D
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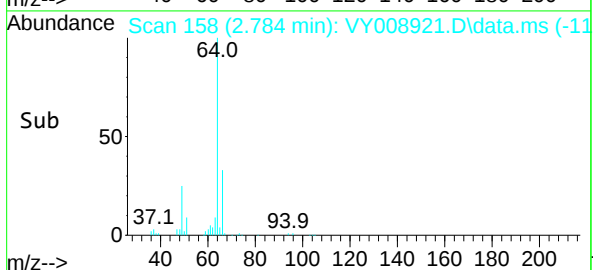
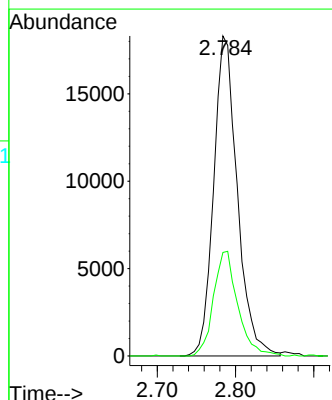
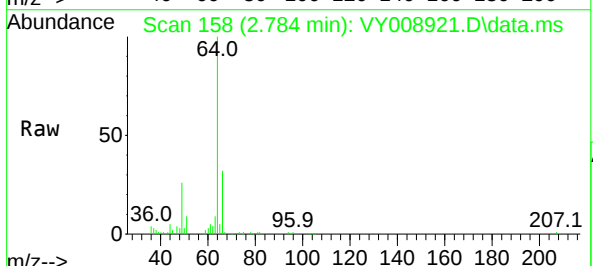
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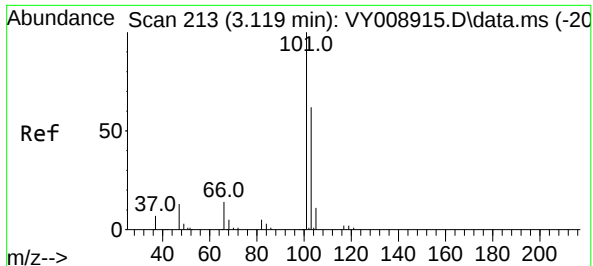
Tgt Ion: 94 Resp: 63949
Ion Ratio Lower Upper
94 100
96 91.1 73.5 110.3



#6
Chloroethane
Concen: 19.800 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY008921.D
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Tgt Ion: 64 Resp: 38420
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0

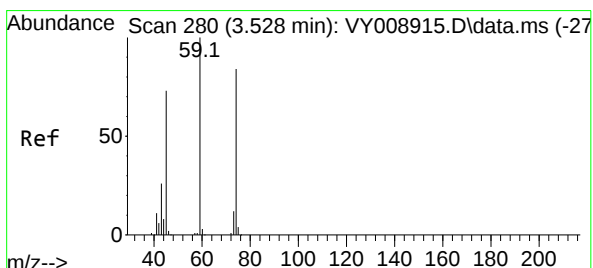
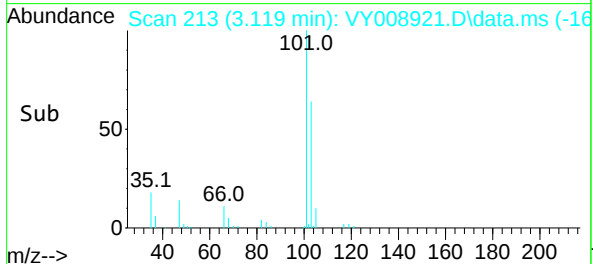
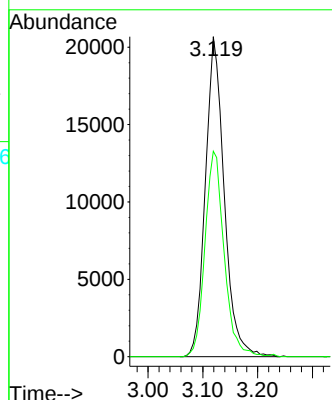
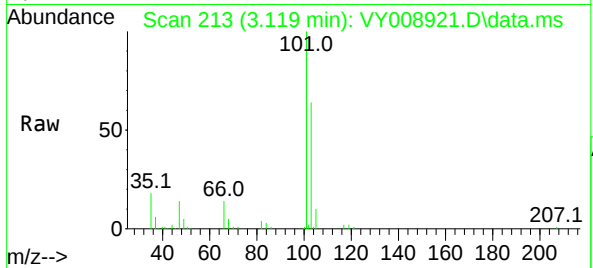




#7
Trichlorofluoromethane
Concen: 21.169 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY008921.D
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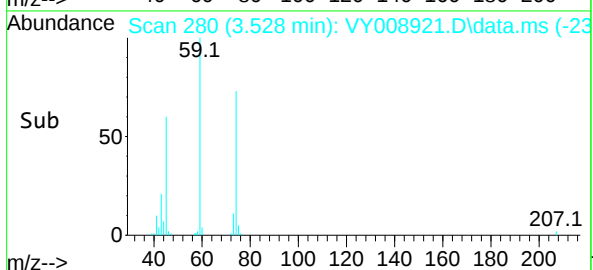
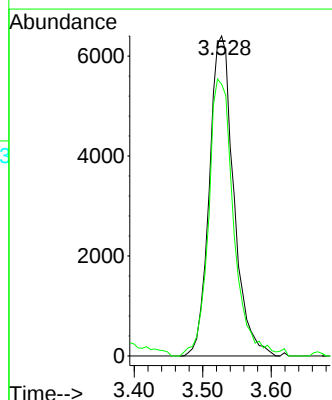
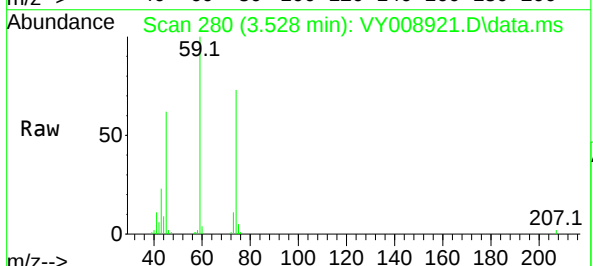
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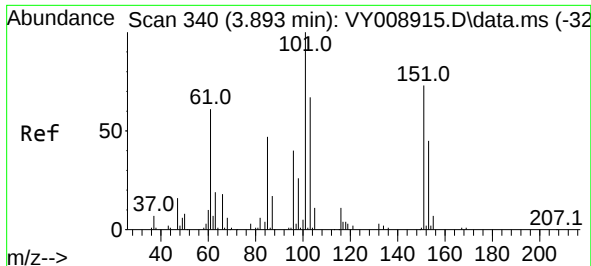
Tgt Ion:101 Resp: 49239
Ion Ratio Lower Upper
101 100
103 64.2 48.0 72.0



#8
Diethyl Ether
Concen: 21.747 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY008921.D
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Tgt Ion: 74 Resp: 15817
Ion Ratio Lower Upper
74 100
45 88.7 55.1 165.5

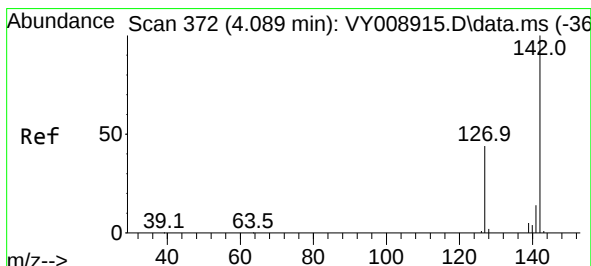
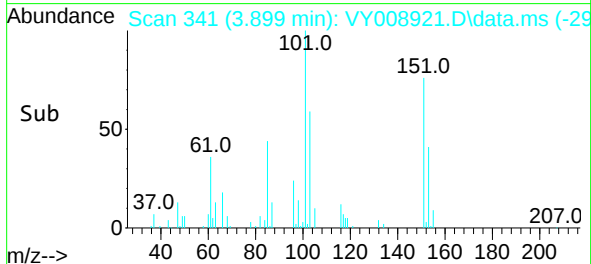
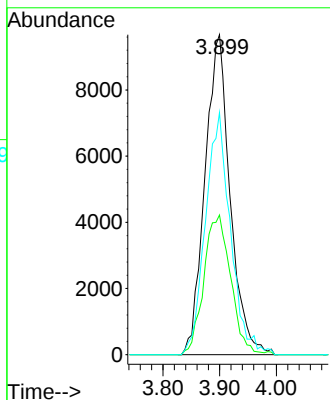
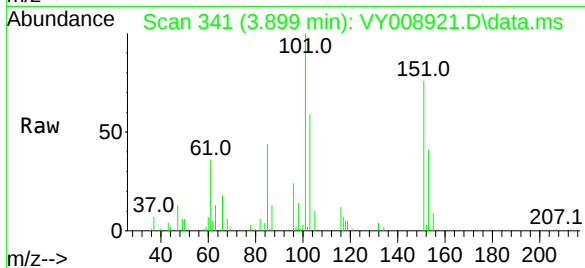




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.837 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

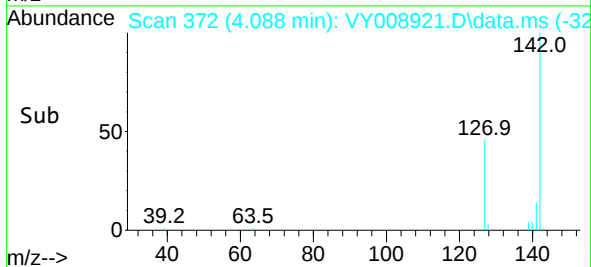
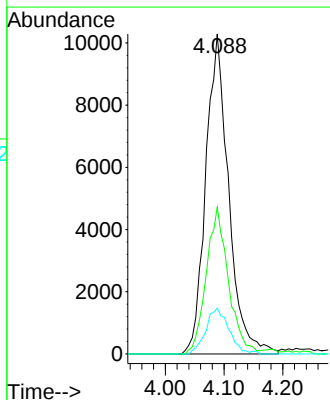
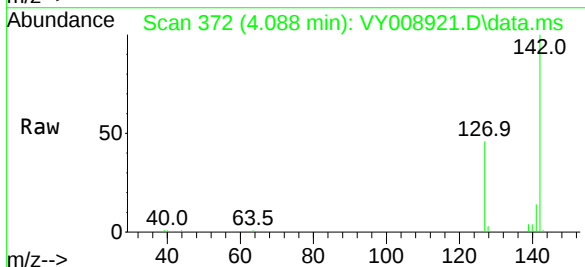
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

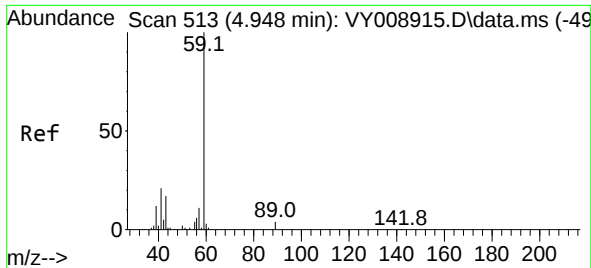
Tgt Ion:101 Resp: 29788
Ion Ratio Lower Upper
101 100
85 46.4 40.6 60.8
151 75.5 64.9 97.3



#10
Methyl Iodide
Concen: 18.845 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion:142 Resp: 27819
Ion Ratio Lower Upper
142 100
127 44.3 41.5 62.3
141 14.5 11.9 17.9

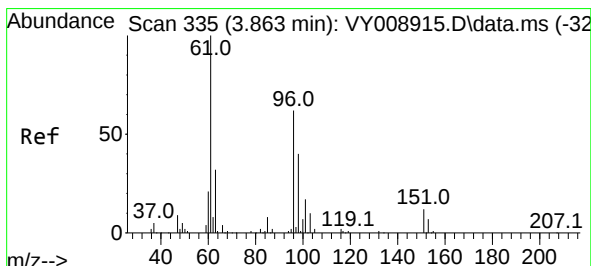
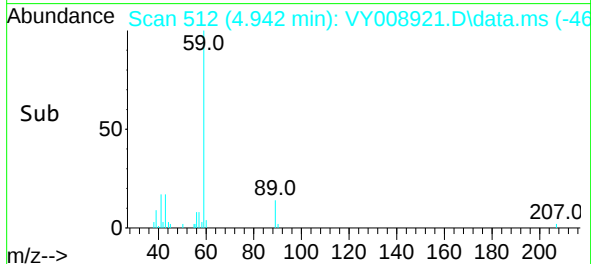
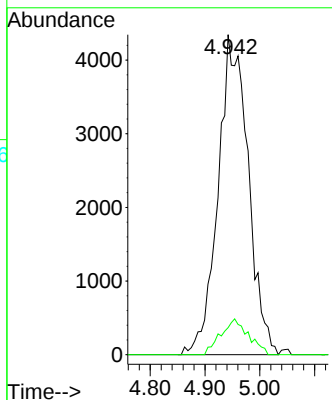
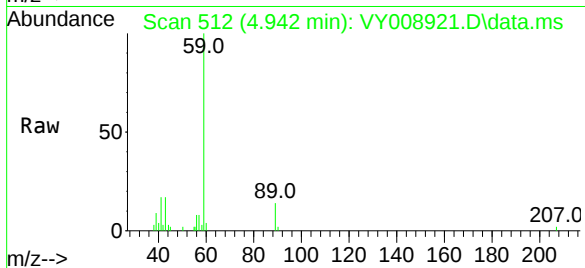




#11
Tert butyl alcohol
Concen: 112.328 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

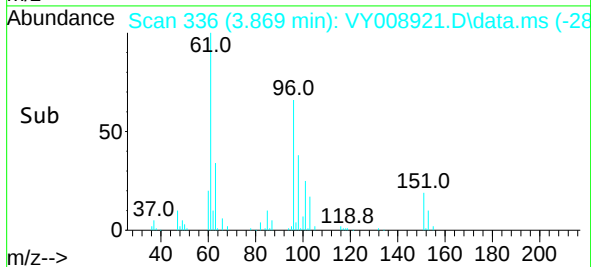
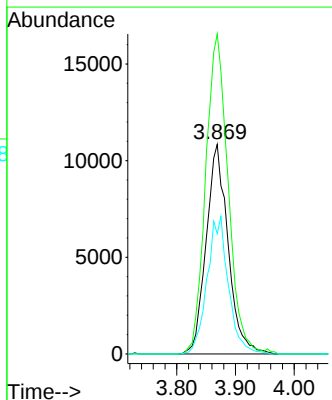
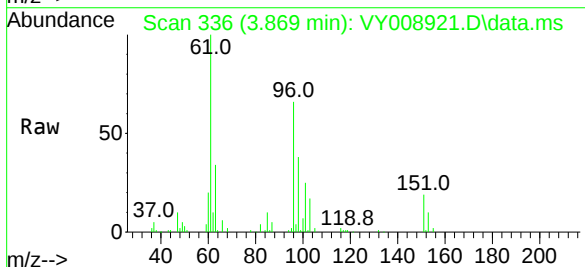
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

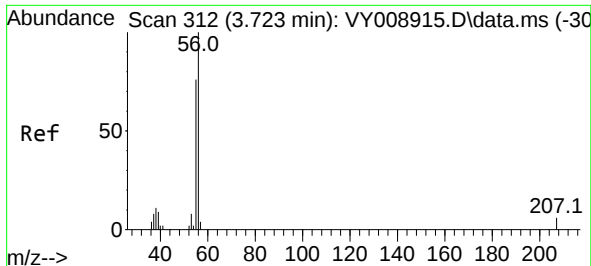
Tgt Ion: 59 Resp: 16545
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 21.179 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

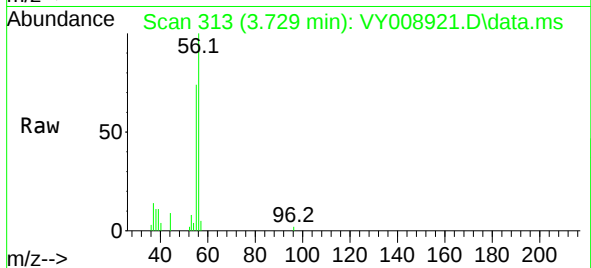
Tgt Ion: 96 Resp: 28106
Ion Ratio Lower Upper
96 100
61 152.7 145.8 218.6
98 57.4 52.5 78.7



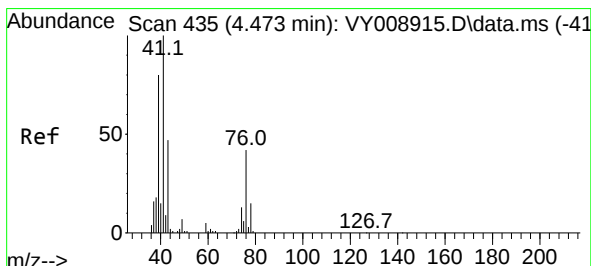
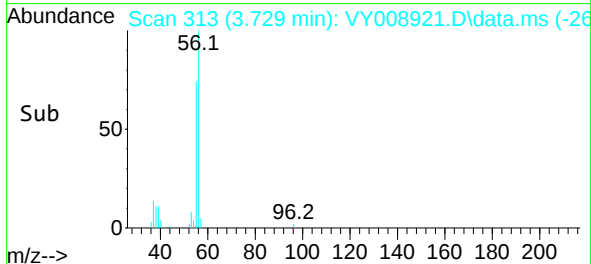
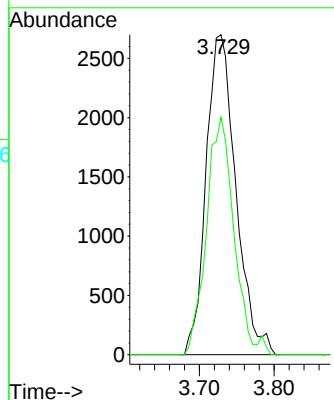


#13
Acrolein
Concen: 153.995 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

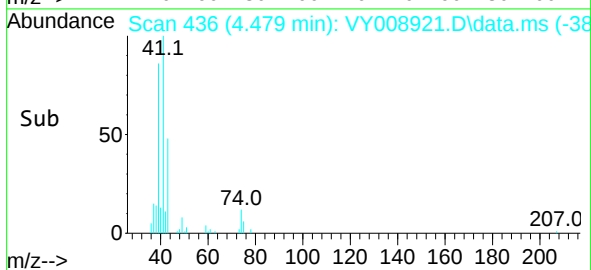
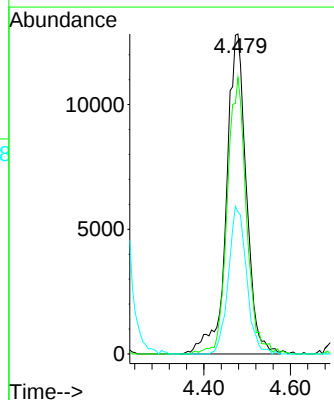
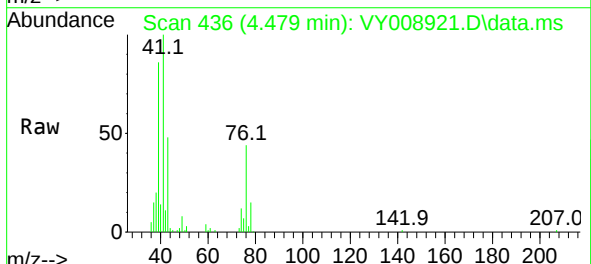


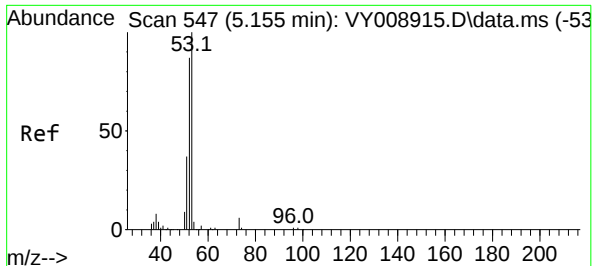
Tgt Ion: 56 Resp: 7466
Ion Ratio Lower Upper
56 100
55 67.6 57.6 86.4



#14
Allyl chloride
Concen: 20.581 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 41 Resp: 41161
Ion Ratio Lower Upper
41 100
39 82.5 58.8 88.2
76 42.0 25.1 37.7#

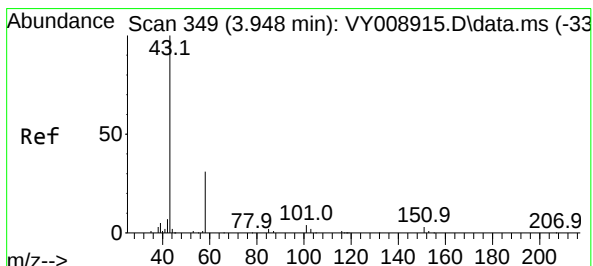
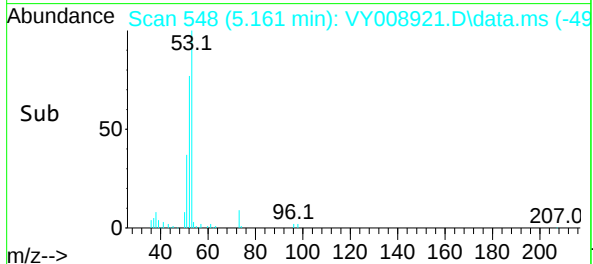
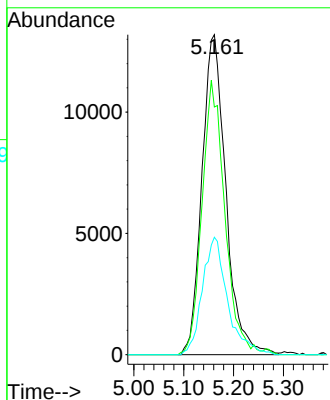
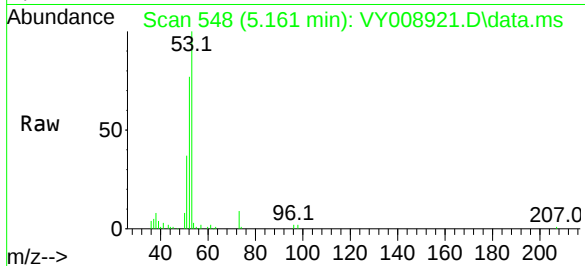




#15
Acrylonitrile
Concen: 107.720 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

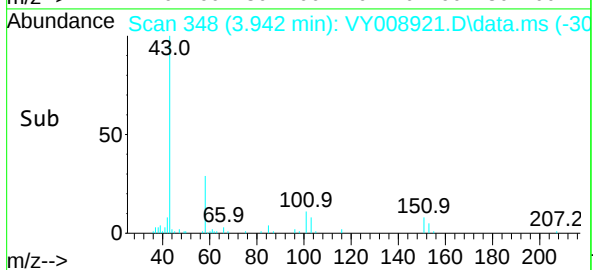
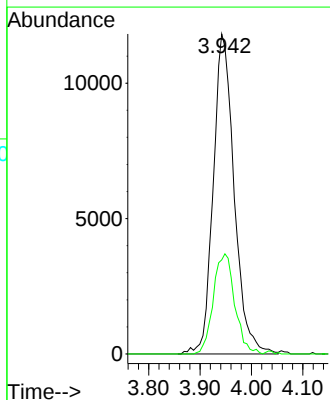
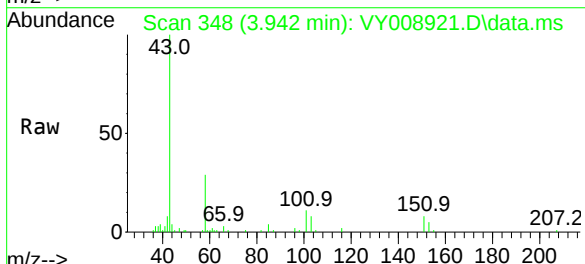
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

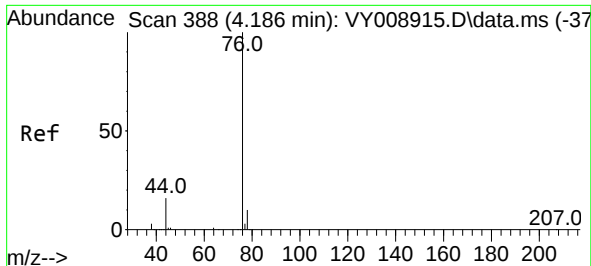
Tgt Ion: 53 Resp: 43867
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 38.7 29.8 44.6



#16
Acetone
Concen: 110.739 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 43 Resp: 33473
Ion Ratio Lower Upper
43 100
58 29.4 22.0 33.0

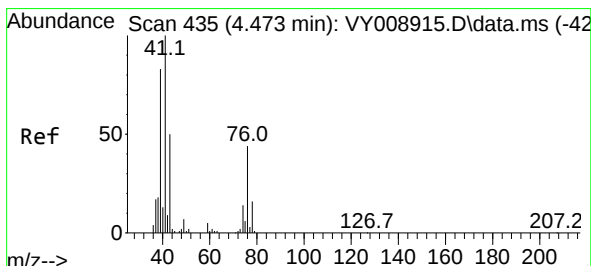
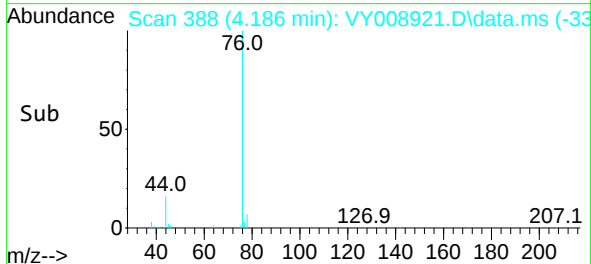
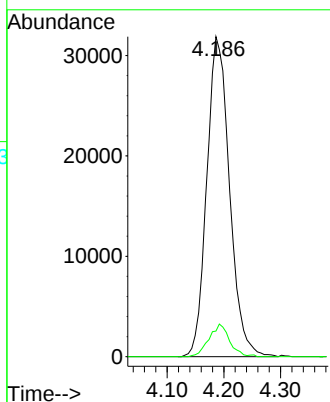
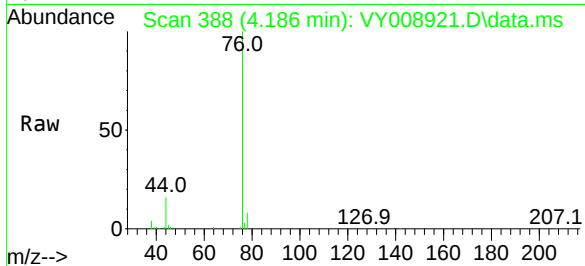




#17
Carbon Disulfide
Concen: 20.491 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

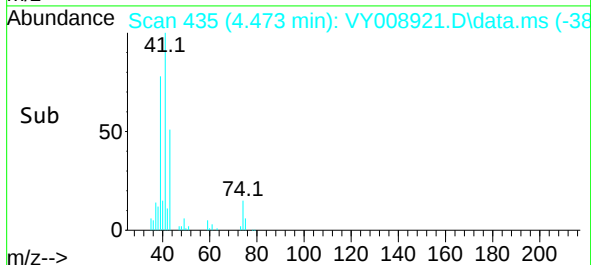
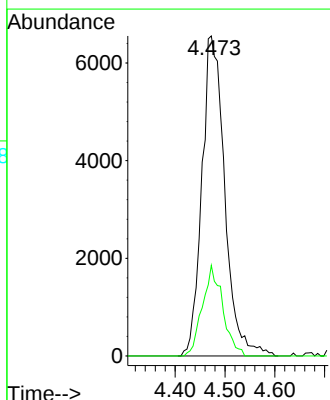
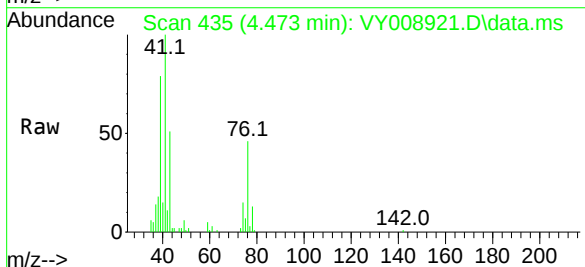
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

Tgt Ion: 76 Resp: 88841
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: 22.185 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 43 Resp: 20882
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#

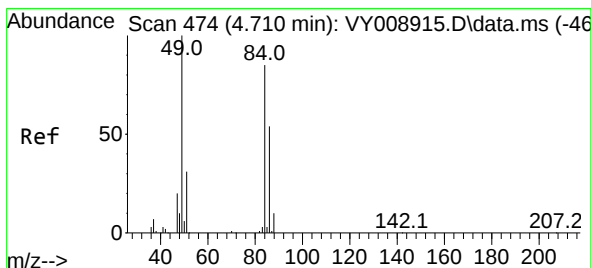
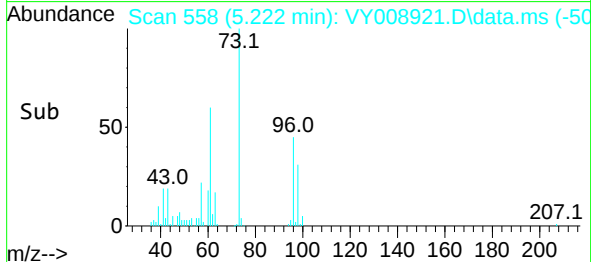
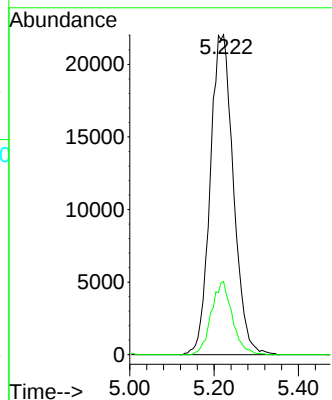
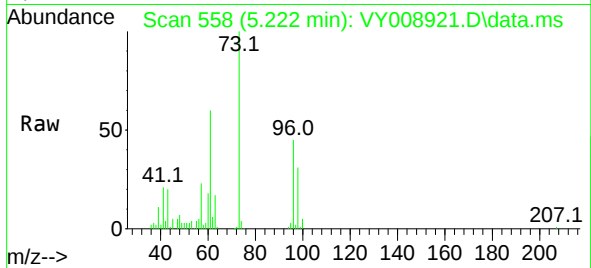




#19
Methyl tert-butyl Ether
Concen: 21.112 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

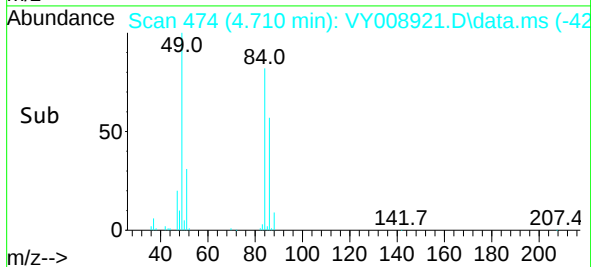
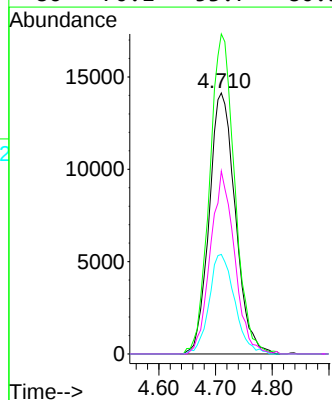
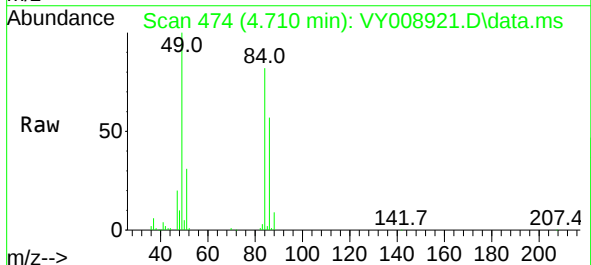
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

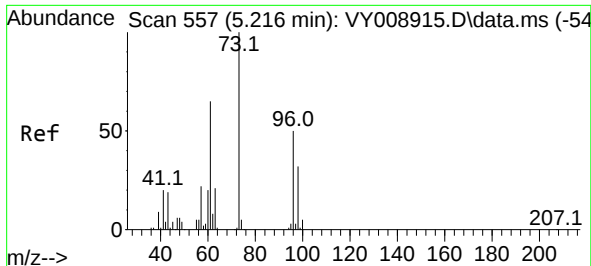
Tgt Ion: 73 Resp: 84095
Ion Ratio Lower Upper
73 100
57 22.9 18.6 27.8



#20
Methylene Chloride
Concen: 22.236 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 84 Resp: 45114
Ion Ratio Lower Upper
84 100
49 122.7 114.4 171.6
51 38.1 35.3 52.9
86 70.1 53.7 80.5

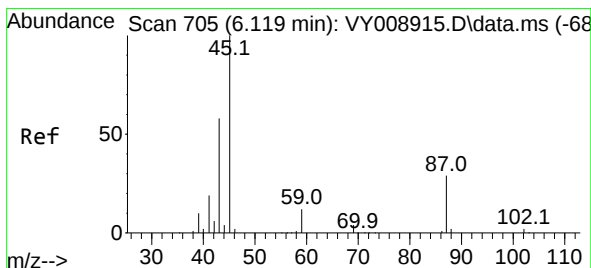
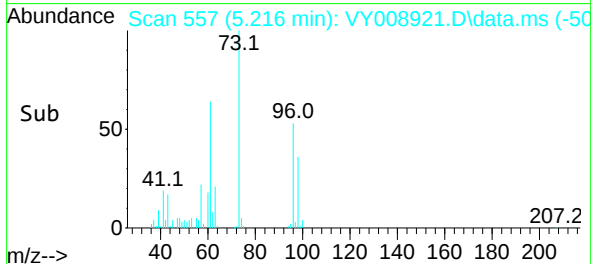
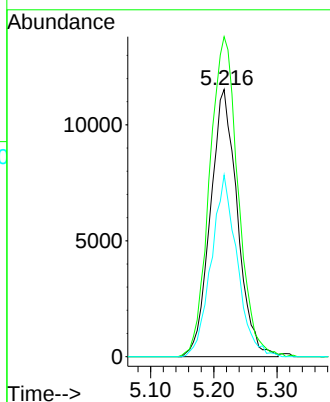
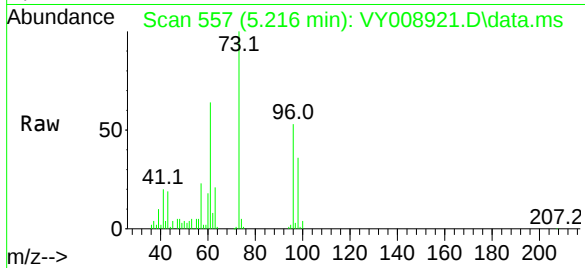




#21
trans-1,2-Dichloroethene
Concen: 20.030 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

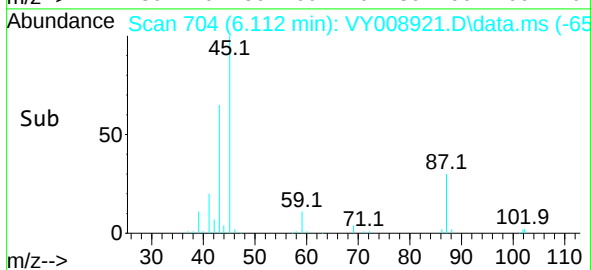
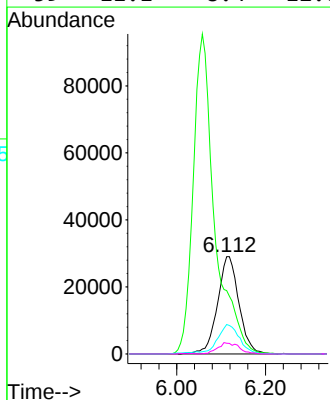
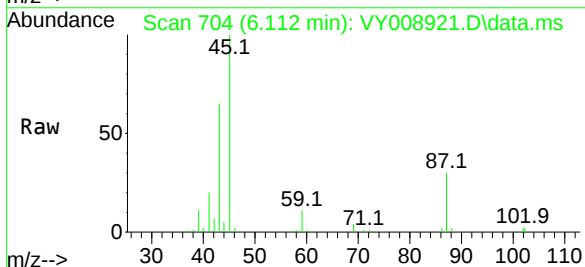
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

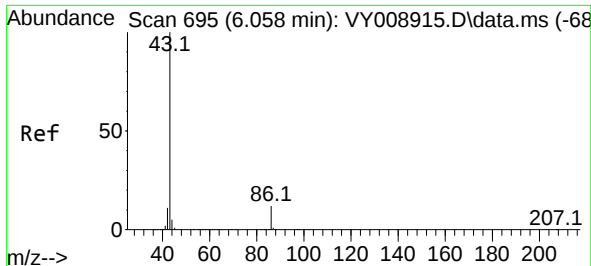
Tgt Ion: 96 Resp: 34119
Ion Ratio Lower Upper
96 100
61 119.8 120.5 180.7#
98 68.0 49.8 74.8



#22
Diisopropyl ether
Concen: 20.164 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 45 Resp: 96886
Ion Ratio Lower Upper
45 100
43 64.7 49.3 73.9
87 30.2 19.2 28.8#
59 11.1 8.4 12.6

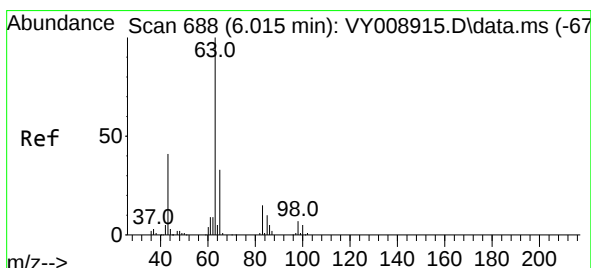
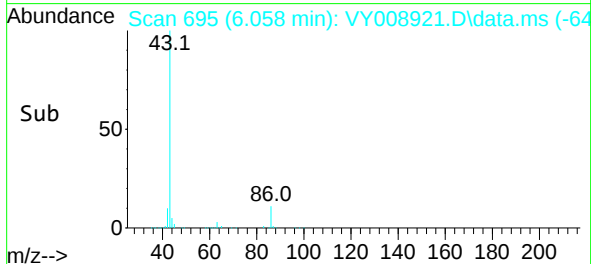
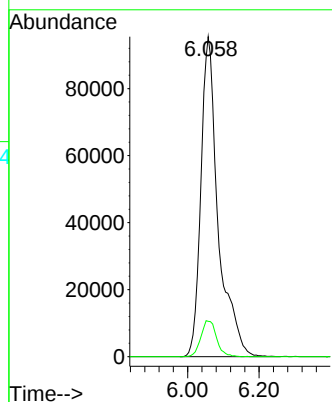
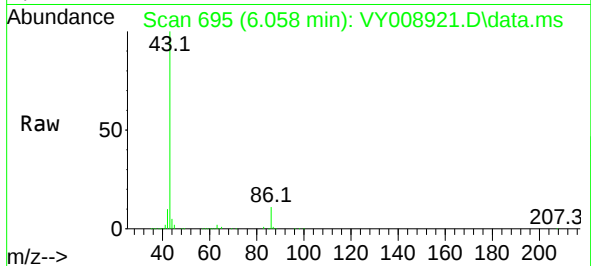




#23
 Vinyl Acetate
 Concen: 100.866 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53

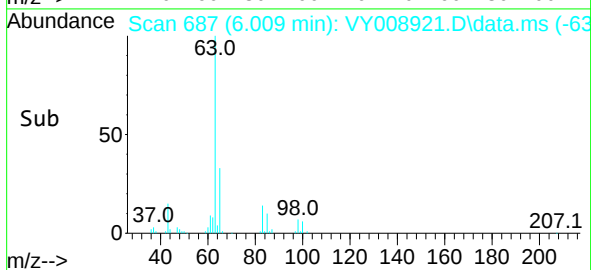
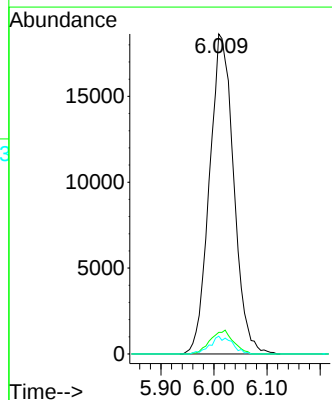
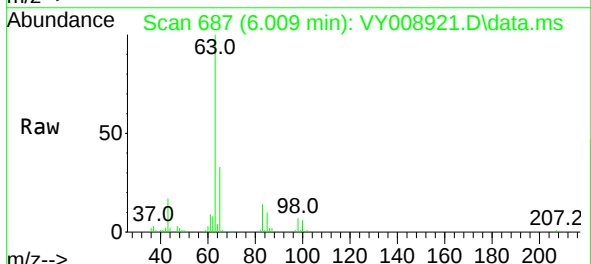
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBSD01

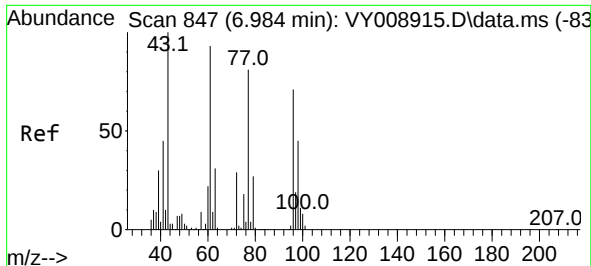
Tgt Ion: 43 Resp: 320585
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 20.556 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53

Tgt Ion: 63 Resp: 59076
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 5.5 2.0 5.8





#25

2-Butanone

Concen: 104.326 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

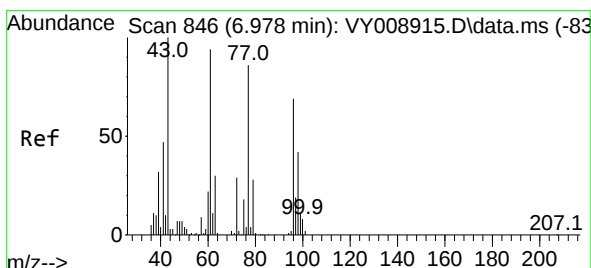
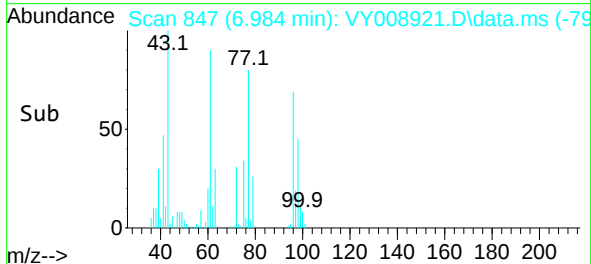
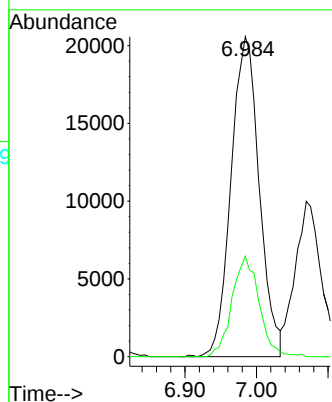
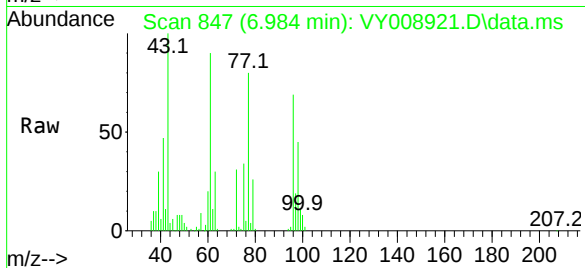
VY0520SBS01

Tgt Ion: 43 Resp: 56324

Ion Ratio Lower Upper

43 100

72 31.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 19.747 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008921.D

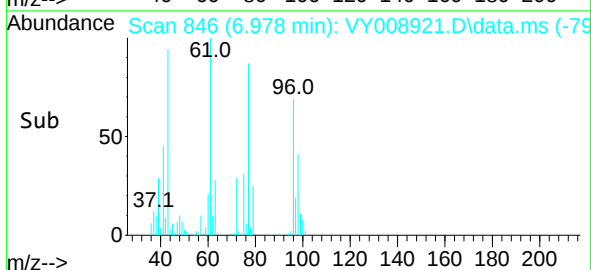
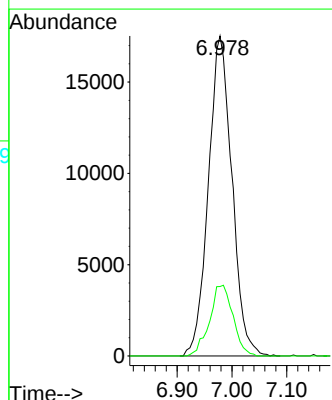
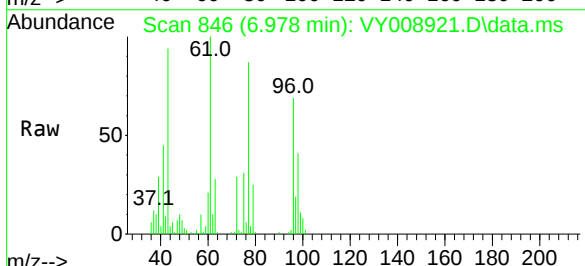
Acq: 20 May 2022 22:53

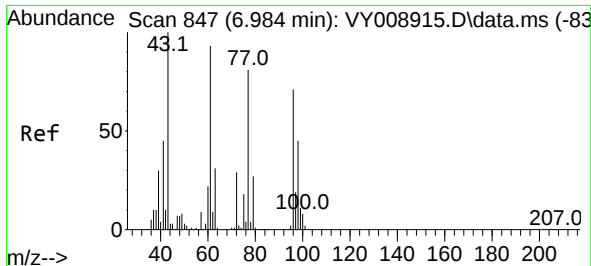
Tgt Ion: 77 Resp: 52277

Ion Ratio Lower Upper

77 100

97 22.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.282 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

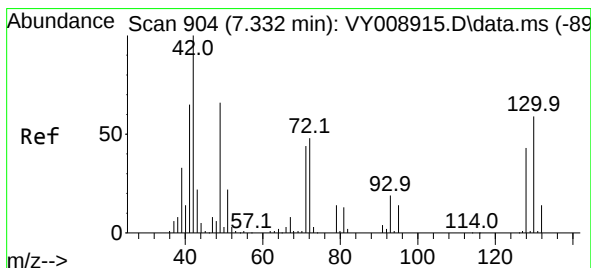
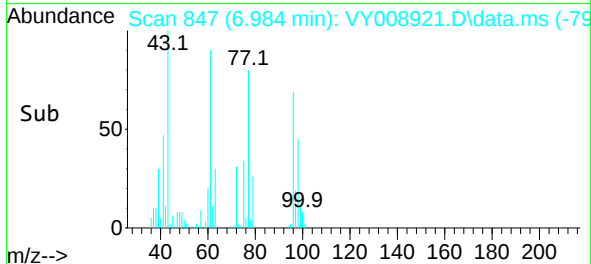
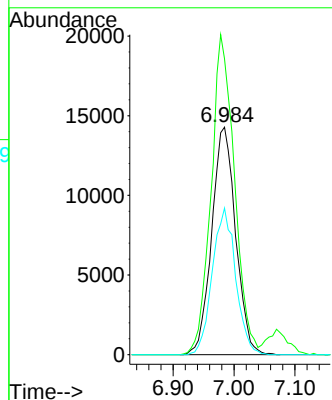
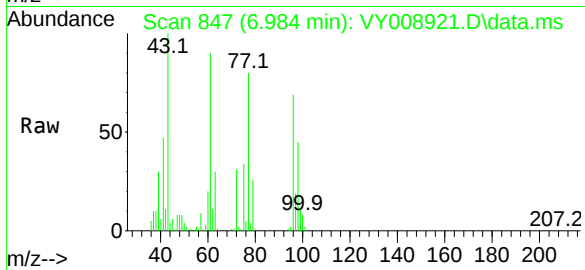
Tgt Ion: 96 Resp: 38944

Ion Ratio Lower Upper

96 100

61 137.4 0.0 319.8

98 62.7 0.0 127.0



#28

Bromochloromethane

Concen: 20.755 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

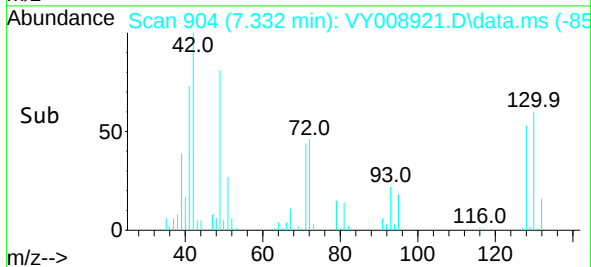
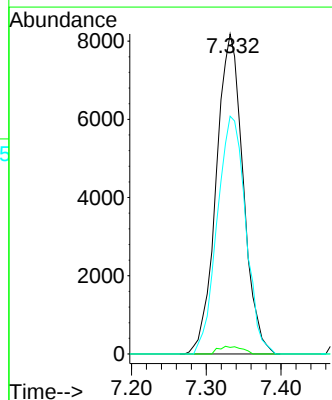
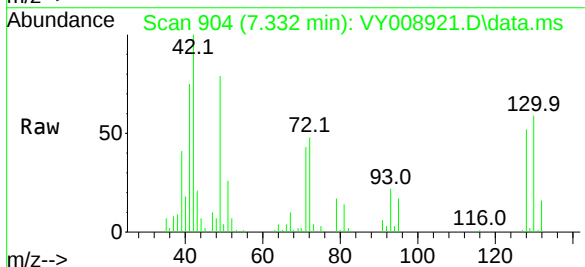
Tgt Ion: 49 Resp: 20473

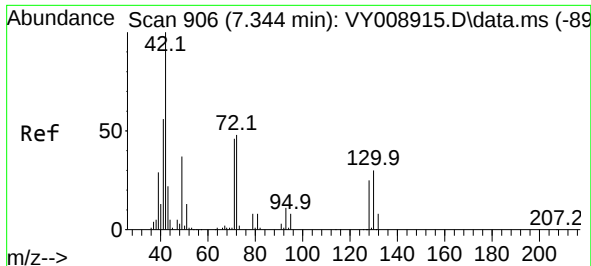
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 78.6 55.4 83.0





#29

Tetrahydrofuran

Concen: 101.439 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

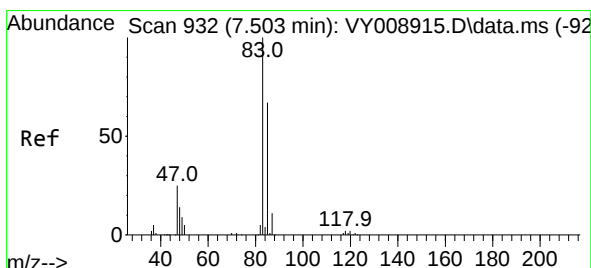
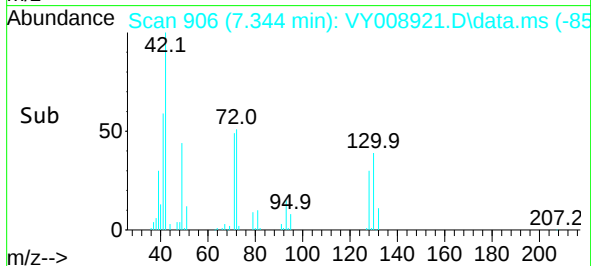
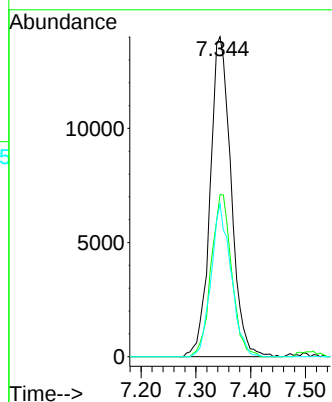
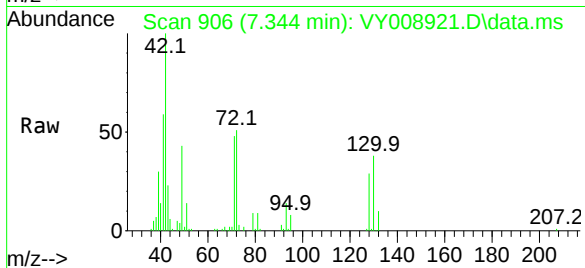
Tgt Ion: 42 Resp: 37201

Ion Ratio Lower Upper

42 100

72 49.6 30.3 45.5#

71 45.3 29.0 43.4#



#30

Chloroform

Concen: 20.434 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY008921.D

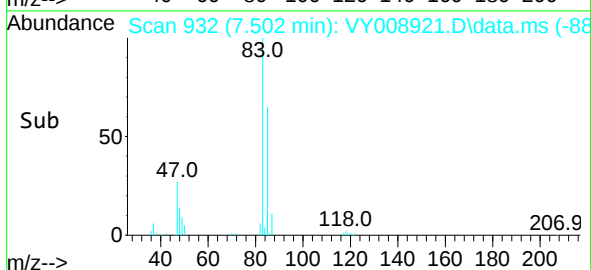
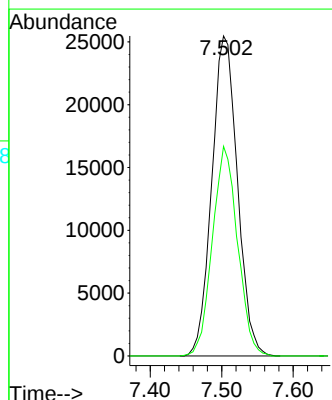
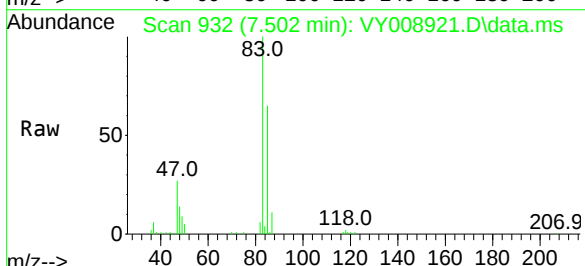
Acq: 20 May 2022 22:53

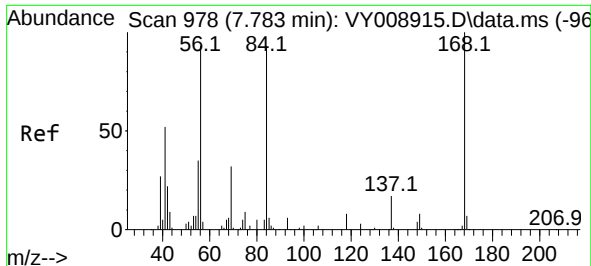
Tgt Ion: 83 Resp: 63390

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

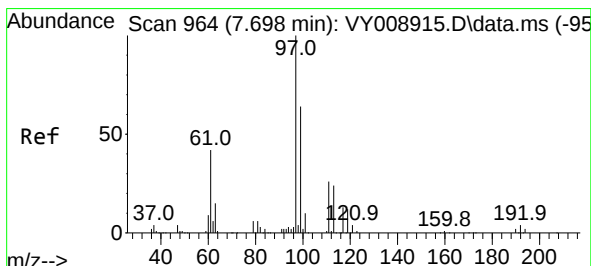
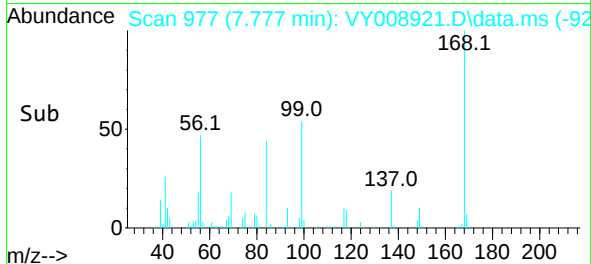
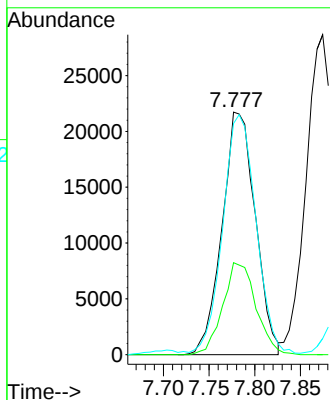
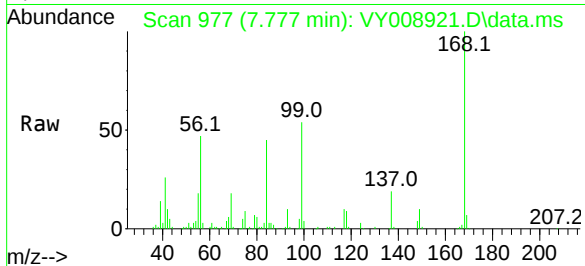




#31
Cyclohexane
Concen: 19.371 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

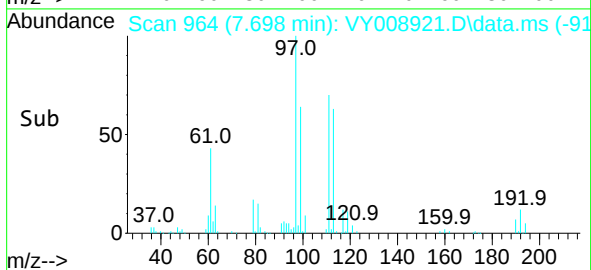
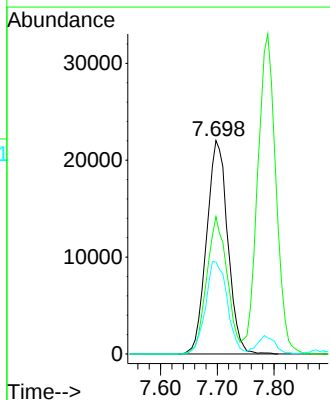
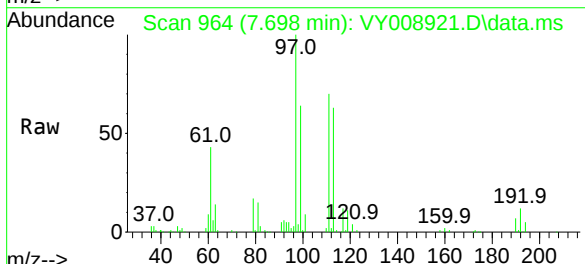
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

Tgt Ion: 56 Resp: 55028
Ion Ratio Lower Upper
56 100
69 37.9 26.7 40.1
84 94.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.240 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 97 Resp: 56965
Ion Ratio Lower Upper
97 100
99 62.3 50.7 76.1
61 44.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 42.002 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

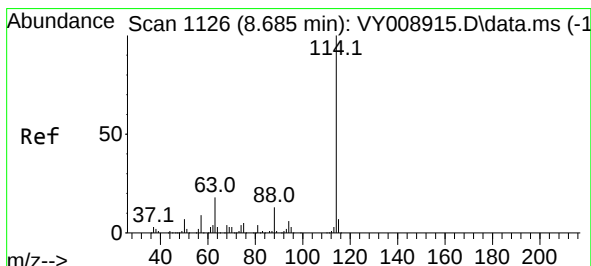
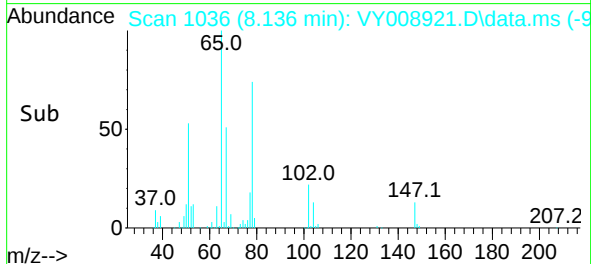
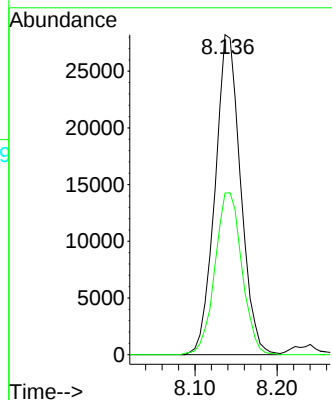
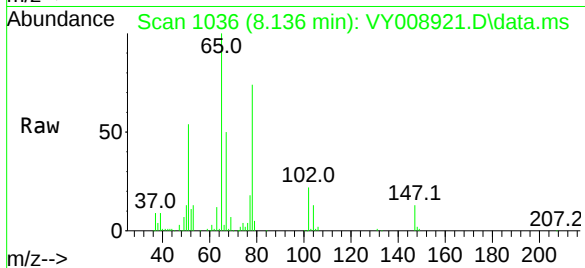
VY0520SBS01

Tgt Ion: 65 Resp: 60992

Ion Ratio Lower Upper

65 100

67 53.3 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: VY008921.D

Acq: 20 May 2022 22:53

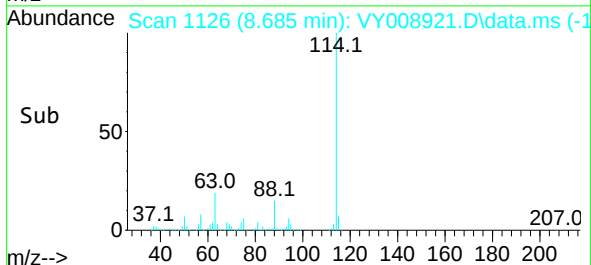
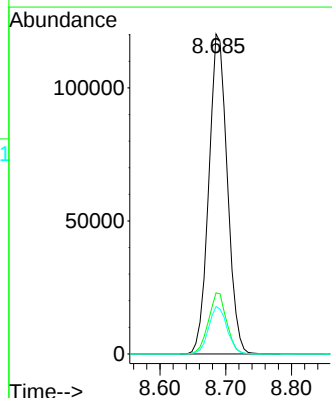
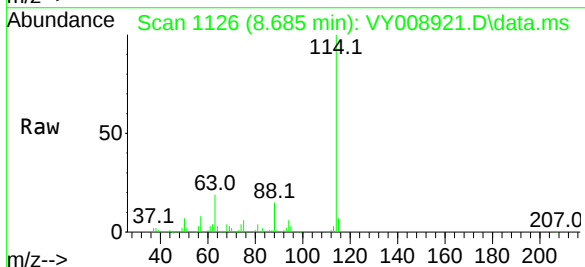
Tgt Ion: 114 Resp: 235254

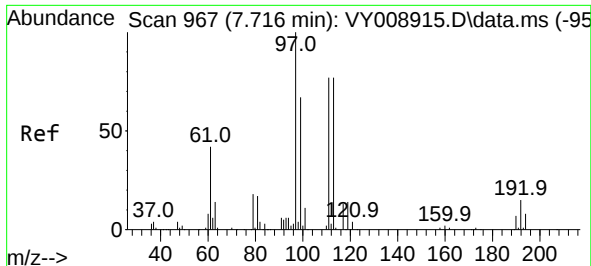
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.8 0.0 31.8

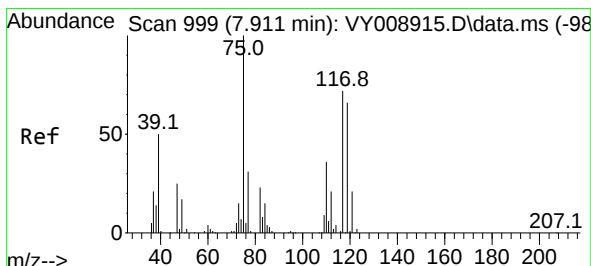
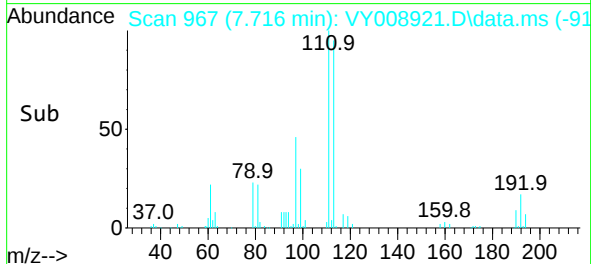
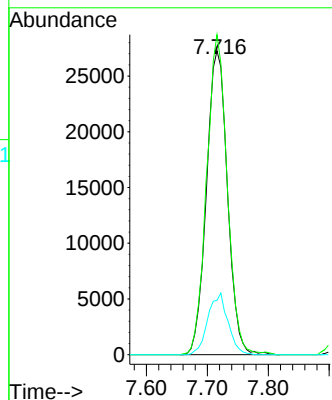
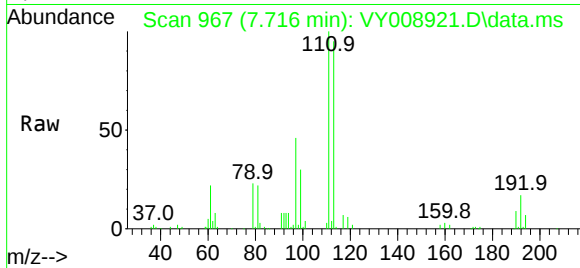




#35
Dibromofluoromethane
Concen: 44.729 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

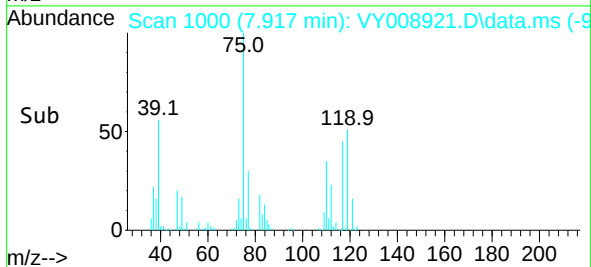
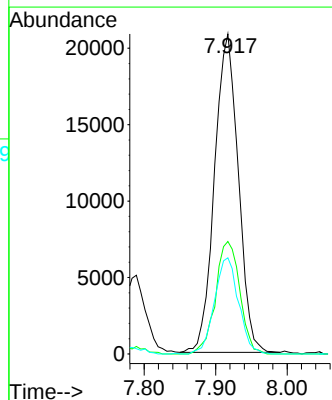
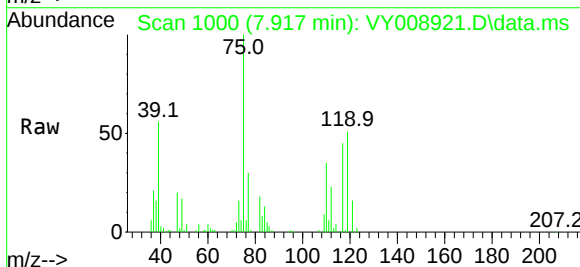
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

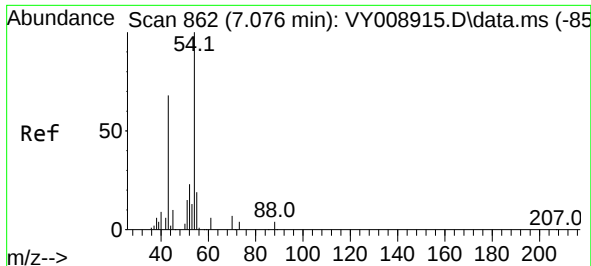
Tgt Ion:113 Resp: 65435
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.340 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 75 Resp: 48148
Ion Ratio Lower Upper
75 100
110 36.1 17.1 51.2
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 19.815 ug/l

RT: 7.070 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

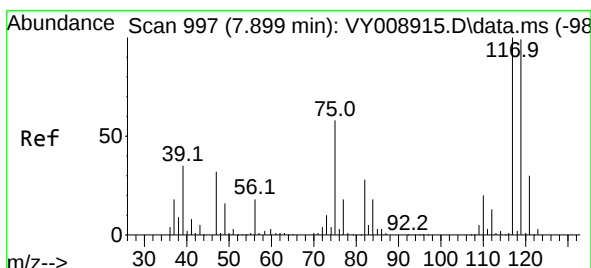
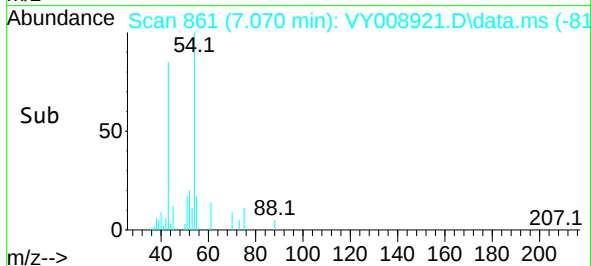
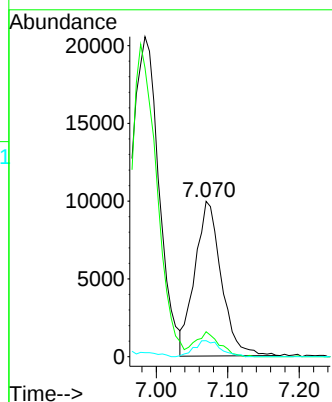
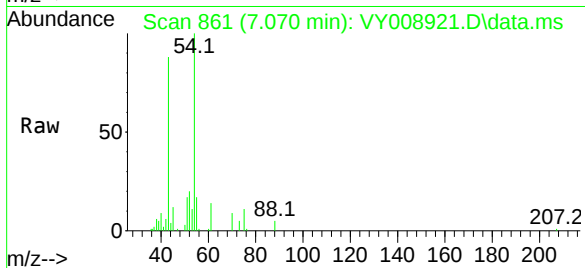
Tgt Ion: 43 Resp: 25589

Ion Ratio Lower Upper

43 100

61 14.7 9.7 14.5#

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.117 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

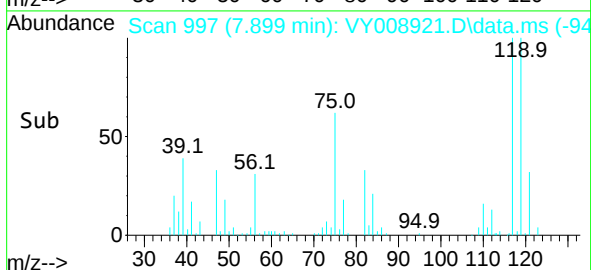
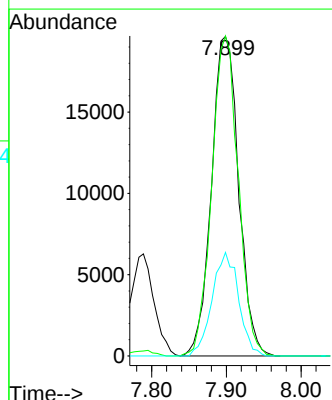
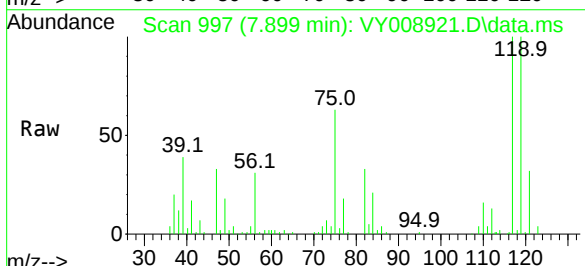
Tgt Ion: 117 Resp: 49788

Ion Ratio Lower Upper

117 100

119 100.2 77.9 116.9

121 32.4 24.8 37.2





#39

Methylcyclohexane

Concen: 19.255 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

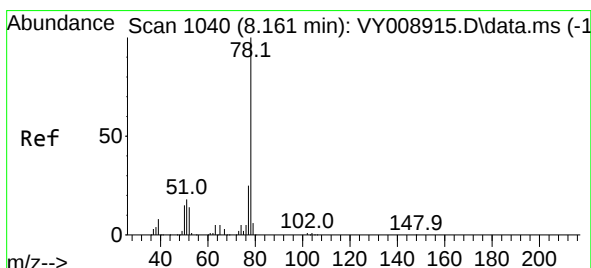
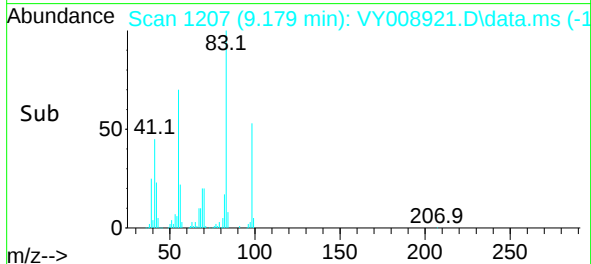
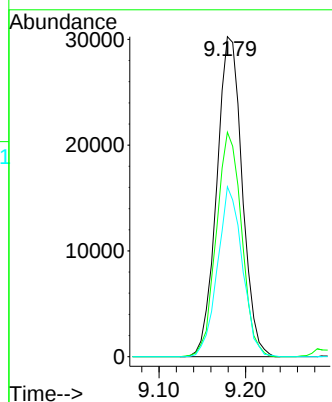
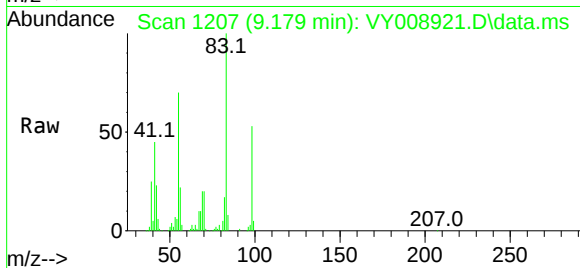
Tgt Ion: 83 Resp: 61877

Ion Ratio Lower Upper

83 100

55 70.2 66.5 99.7

98 53.1 37.9 56.9



#40

Benzene

Concen: 19.655 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008921.D

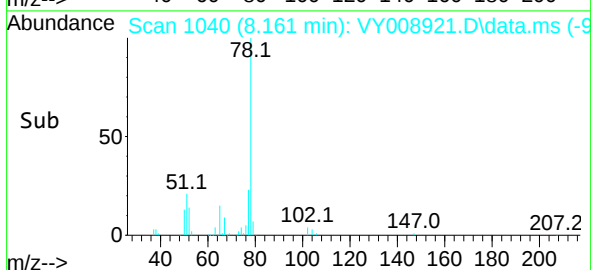
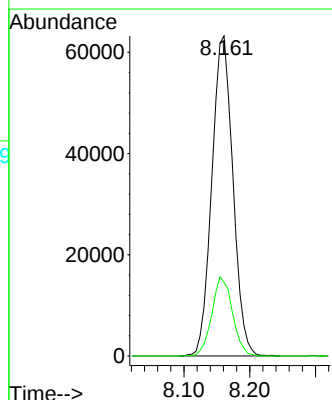
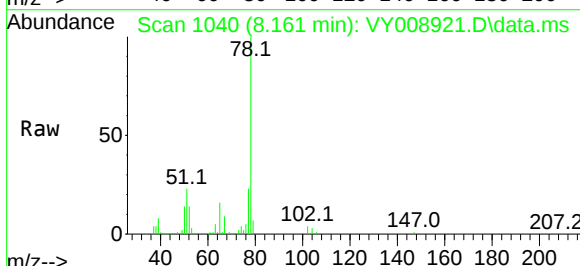
Acq: 20 May 2022 22:53

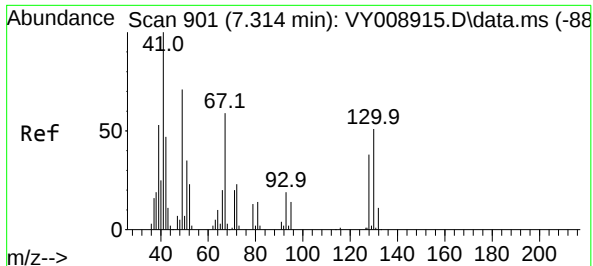
Tgt Ion: 78 Resp: 141105

Ion Ratio Lower Upper

78 100

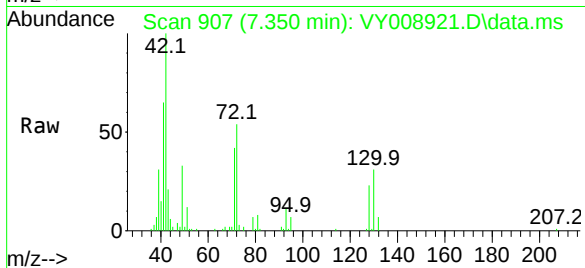
77 23.0 20.4 30.6



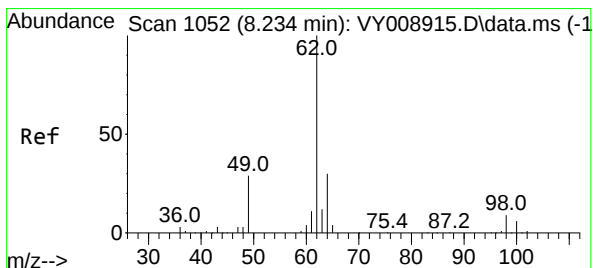
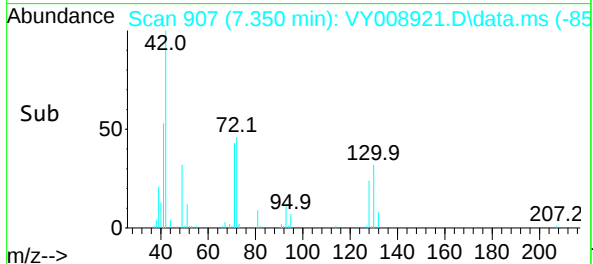
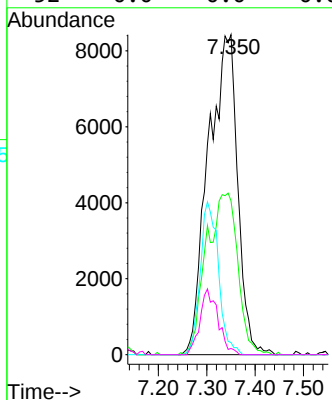


#41
Methacrylonitrile
Concen: 53.232 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.036 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

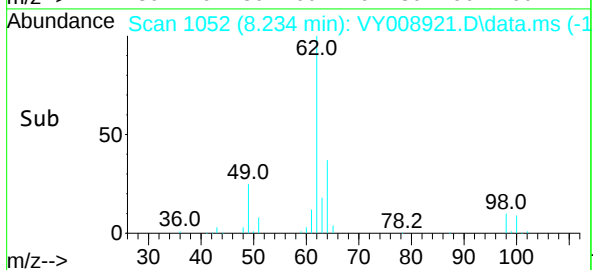
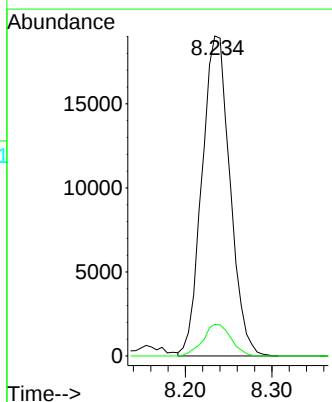
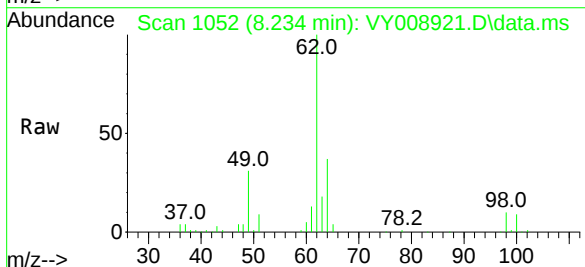


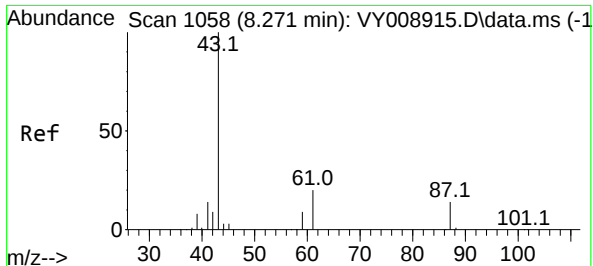
Tgt Ion: 41 Resp: 35474
Ion Ratio Lower Upper
41 100
39 36.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.286 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 62 Resp: 42764
Ion Ratio Lower Upper
62 100
98 9.8 0.0 14.8

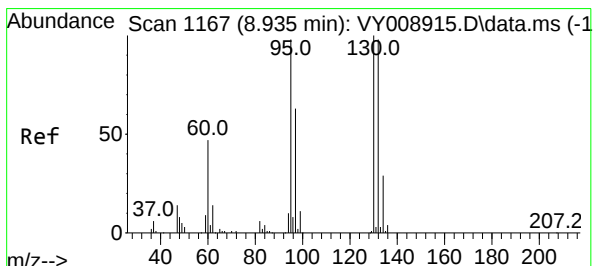
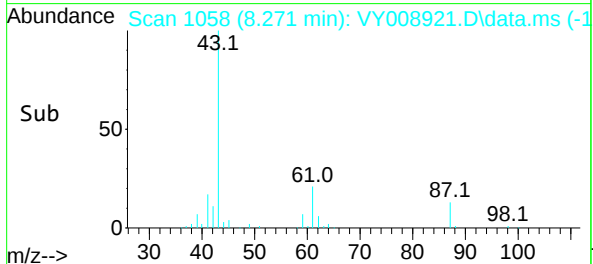
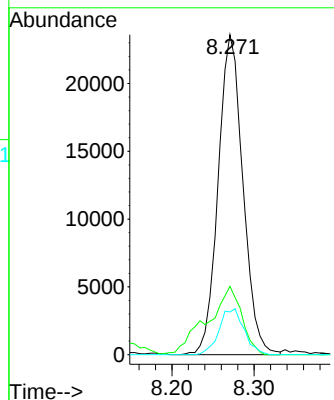
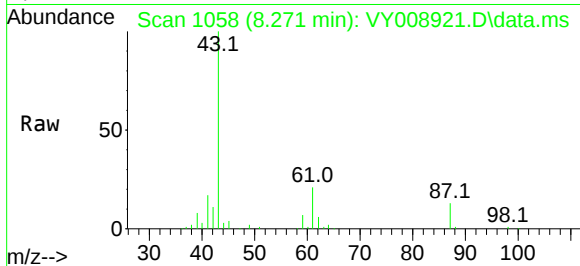




#43
Isopropyl Acetate
Concen: 20.568 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

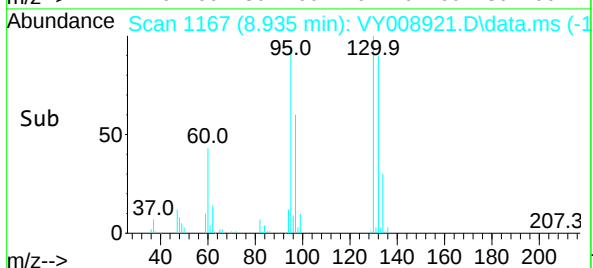
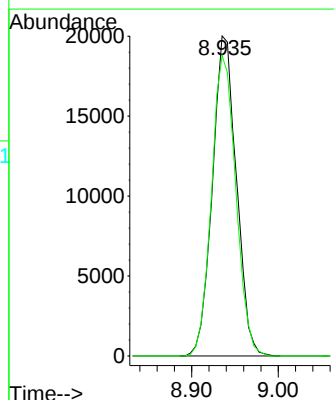
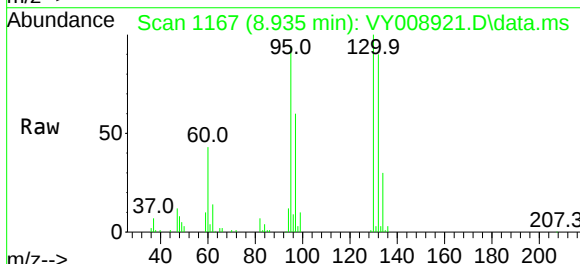
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

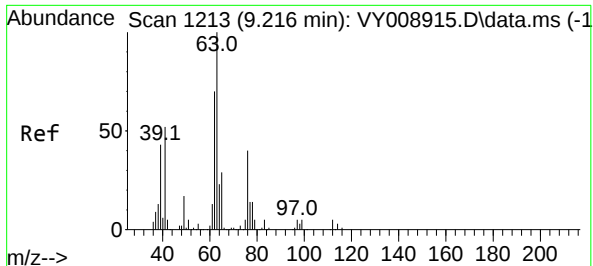
Tgt Ion: 43 Resp: 49390
Ion Ratio Lower Upper
43 100
61 29.7 20.2 30.2
87 14.5 8.9 13.3#



#44
Trichloroethene
Concen: 20.291 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion:130 Resp: 38571
Ion Ratio Lower Upper
130 100
95 93.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.176 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

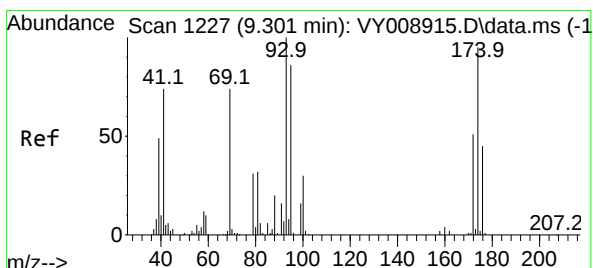
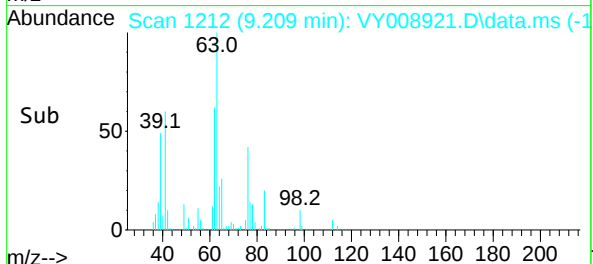
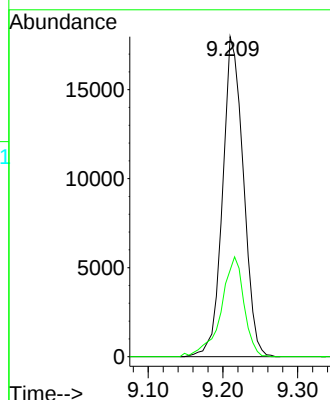
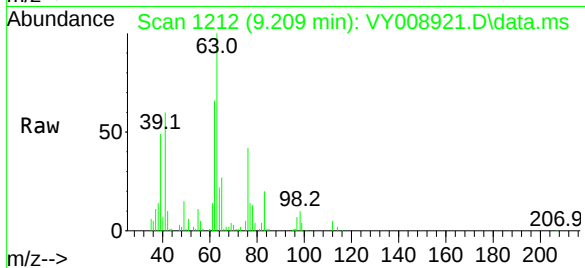
VY0520SBSD01

Tgt Ion: 63 Resp: 34779

Ion Ratio Lower Upper

63 100

65 27.1 23.0 34.6



#46

Dibromomethane

Concen: 20.639 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

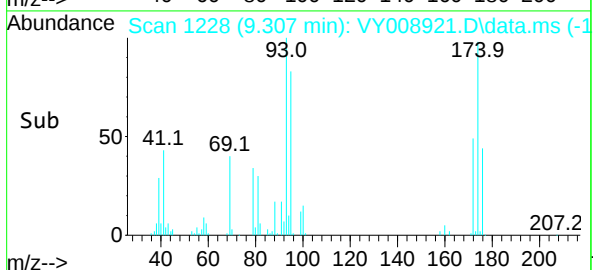
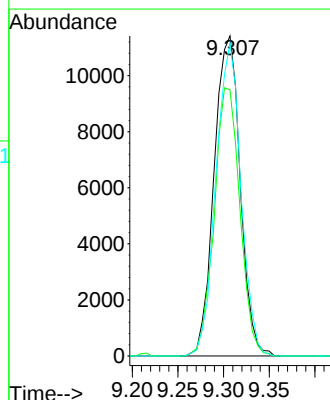
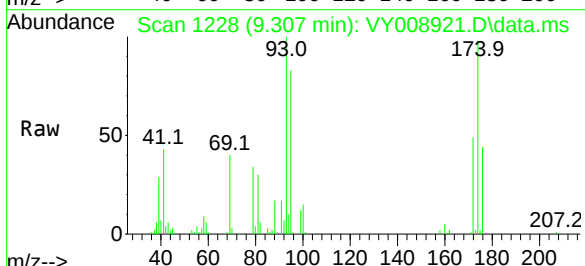
Tgt Ion: 93 Resp: 22622

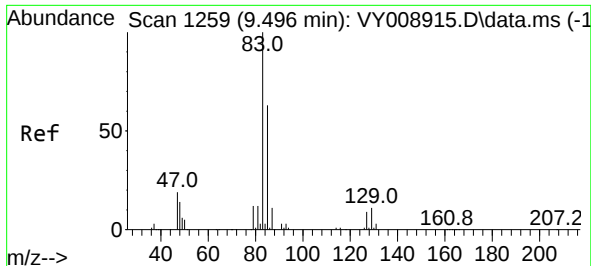
Ion Ratio Lower Upper

93 100

95 82.7 64.3 96.5

174 94.2 83.4 125.0

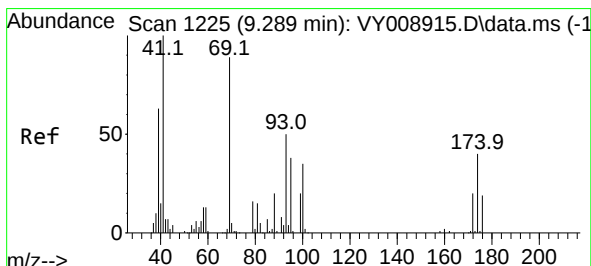
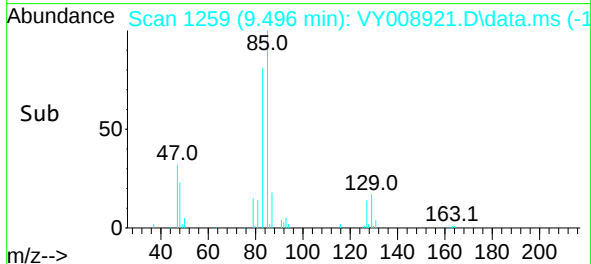
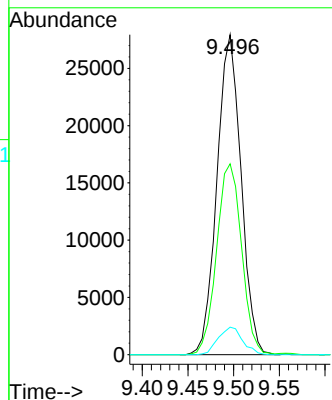
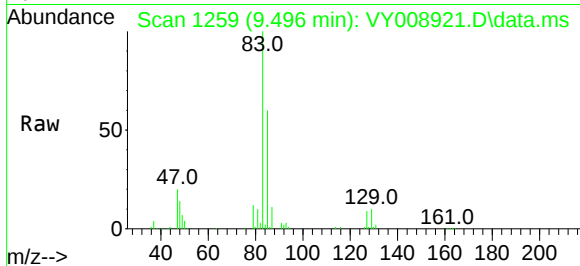




#47
Bromodichloromethane
Concen: 20.484 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

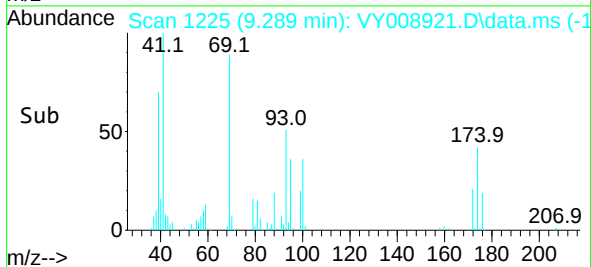
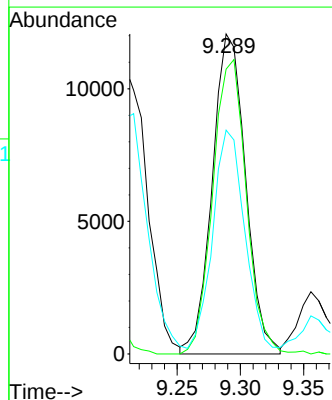
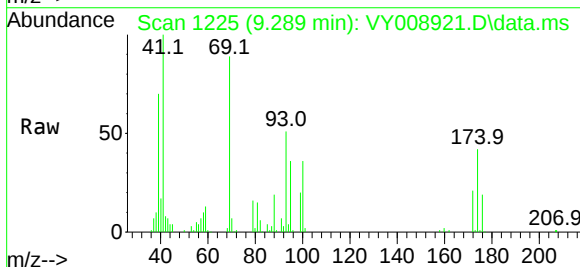
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

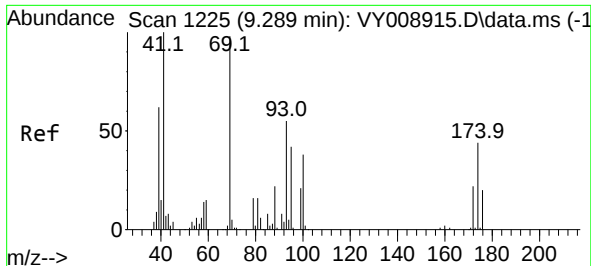
Tgt Ion:	83	Resp:	51313
Ion	Ratio	Lower	Upper
83	100		
85	59.7	51.9	77.9
127	8.6	6.6	10.0



#48
Methyl methacrylate
Concen: 20.624 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion:	41	Resp:	22114
Ion	Ratio	Lower	Upper
41	100		
69	92.6	58.2	87.2
39	68.5	47.4	71.0





#49

1,4-Dioxane

Concen: 394.413 ug/l

RT: 9.301 min Scan# 1225

Delta R.T. 0.012 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

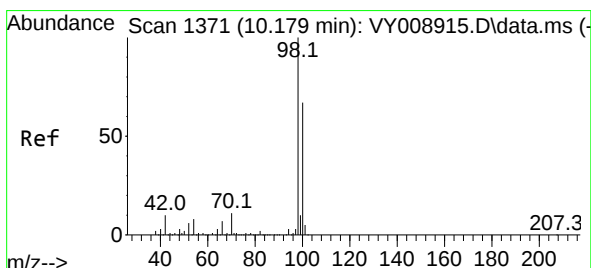
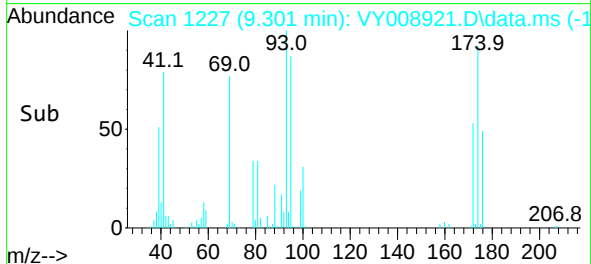
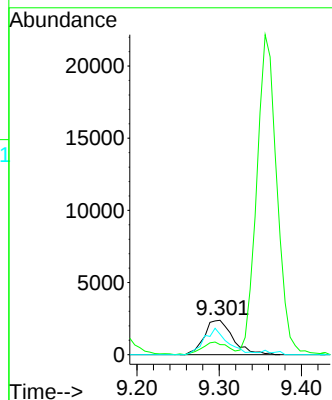
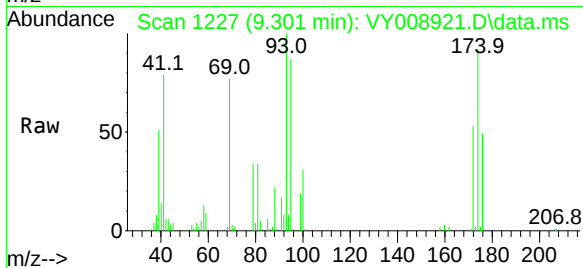
Tgt Ion: 88 Resp: 5779

Ion Ratio Lower Upper

88 100

43 32.5 32.8 49.2#

58 63.6 59.8 89.6



#50

Toluene-d8

Concen: 39.287 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008921.D

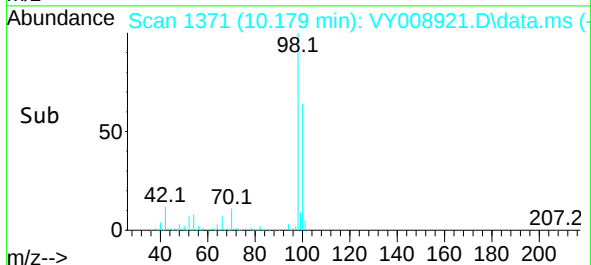
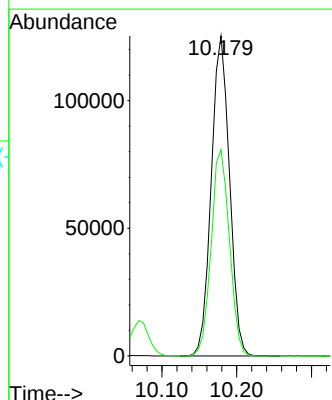
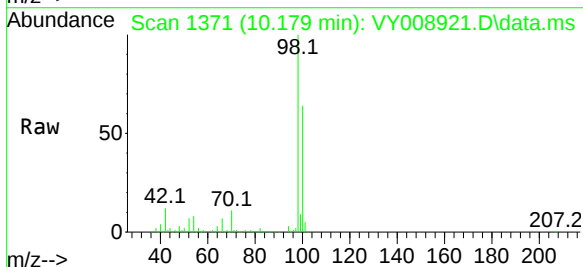
Acq: 20 May 2022 22:53

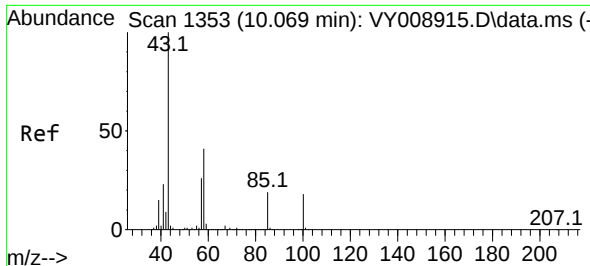
Tgt Ion: 98 Resp: 212025

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2

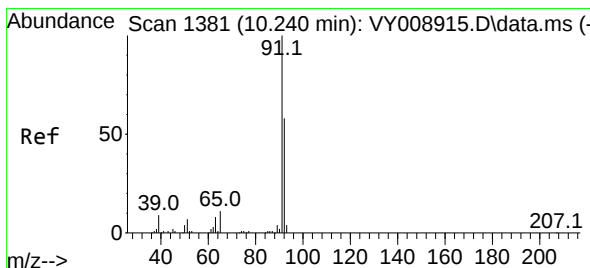
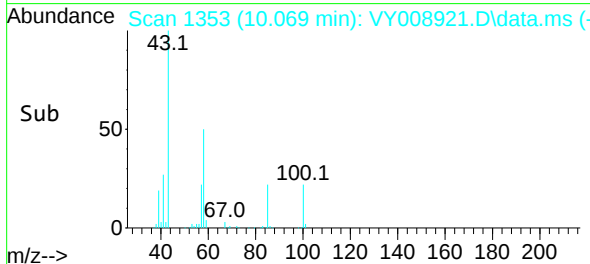
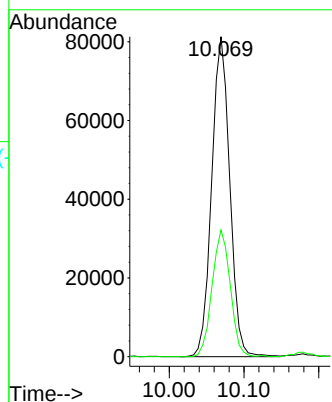
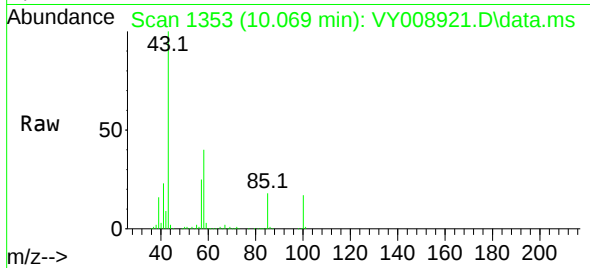




#51
4-Methyl-2-Pentanone
Concen: 103.010 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

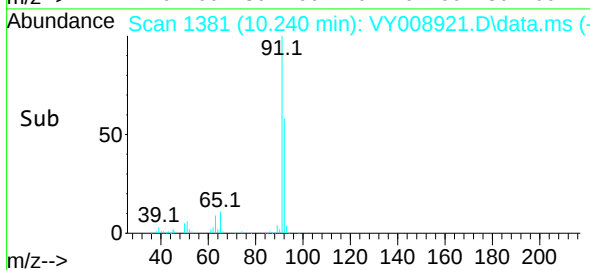
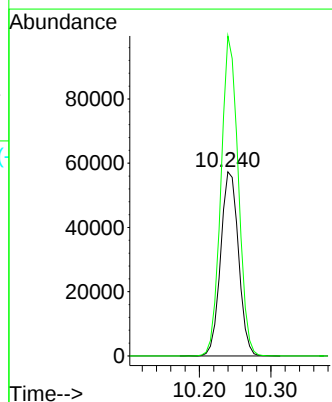
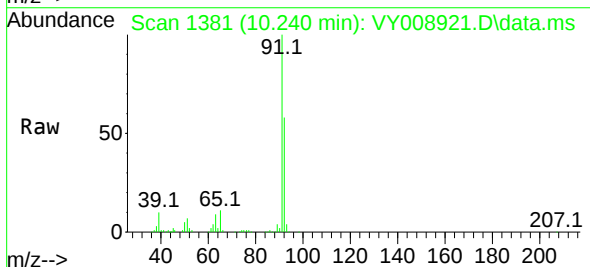
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

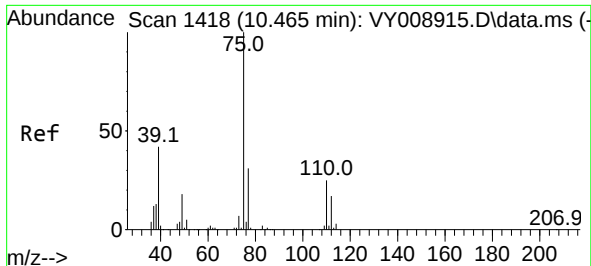
Tgt Ion: 43 Resp: 136894
Ion Ratio Lower Upper
43 100
58 39.7 28.1 42.1



#52
Toluene
Concen: 19.809 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 92 Resp: 99381
Ion Ratio Lower Upper
92 100
91 168.3 142.6 213.8

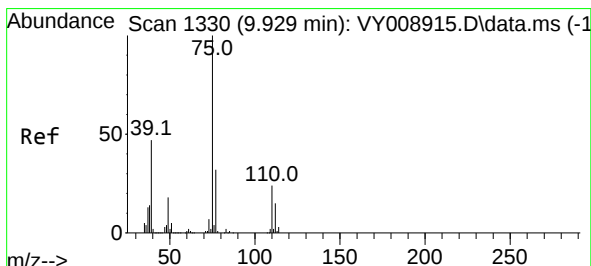
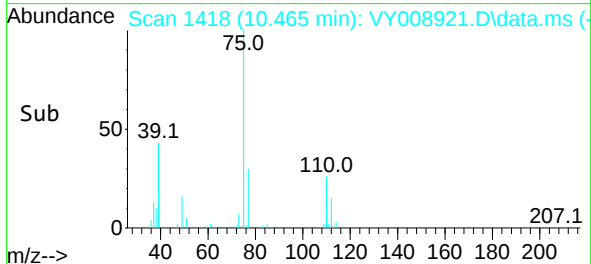
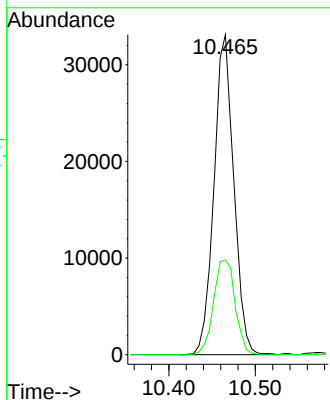
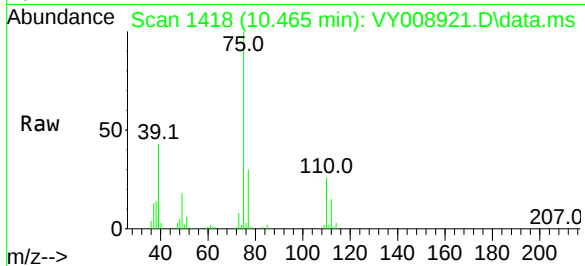




#53
t-1,3-Dichloropropene
Concen: 19.757 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

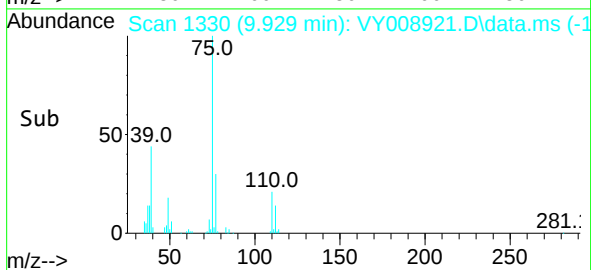
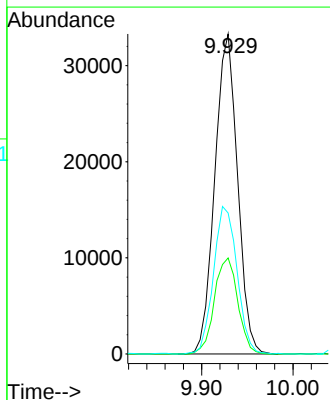
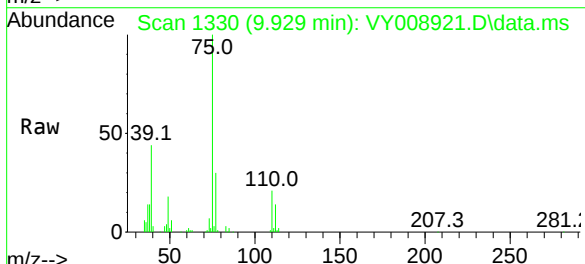
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

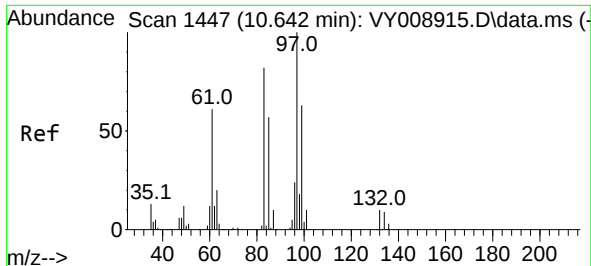
Tgt Ion: 75 Resp: 52555
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.098 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 75 Resp: 57474
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4
39 44.1 47.6 71.4#

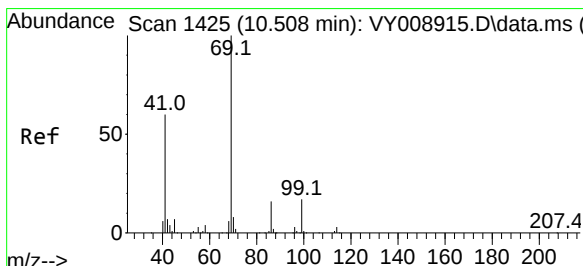
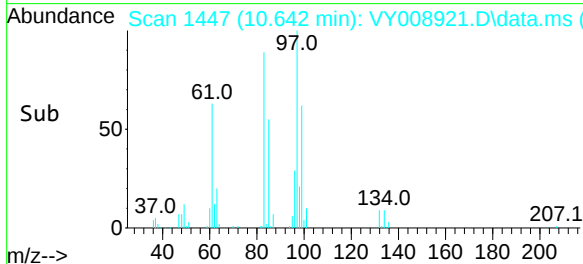
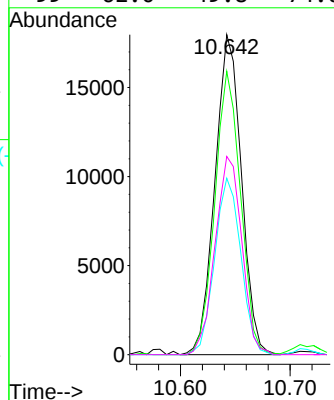
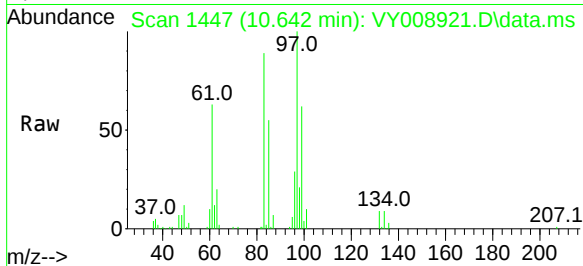




#55
1,1,2-Trichloroethane
Concen: 19.680 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

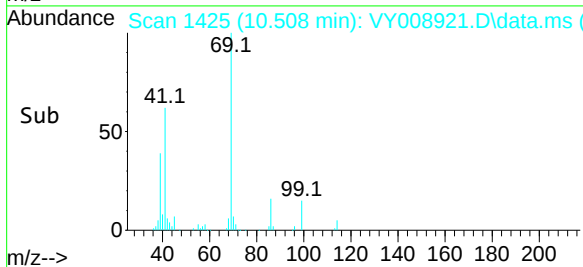
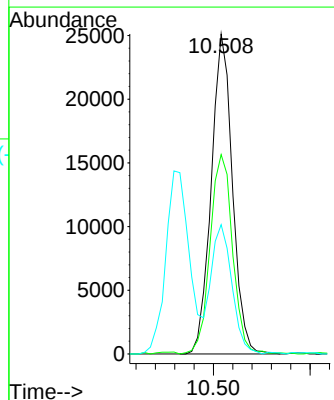
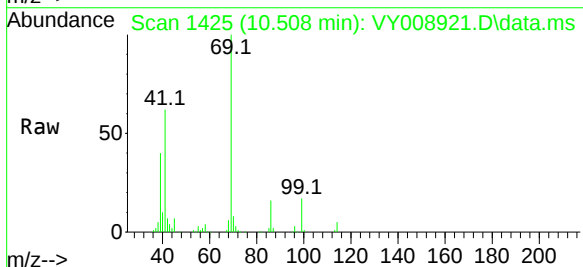
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

Tgt Ion:	97	Resp:	30179
Ion	Ratio	Lower	Upper
97	100		
83	88.6	69.8	104.8
85	55.2	44.3	66.5
99	62.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 19.474 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion:	69	Resp:	38179
Ion	Ratio	Lower	Upper
69	100		
41	66.1	63.4	95.0
39	39.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.421 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

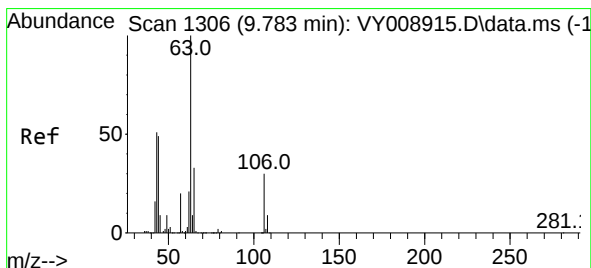
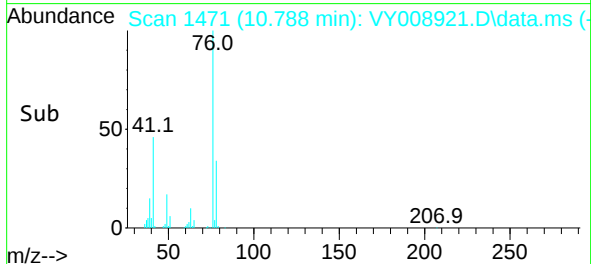
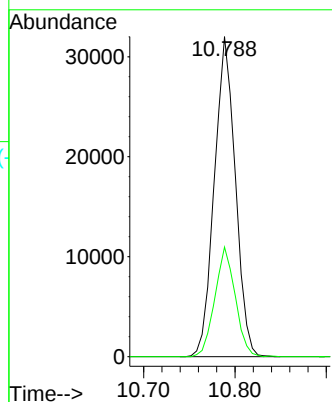
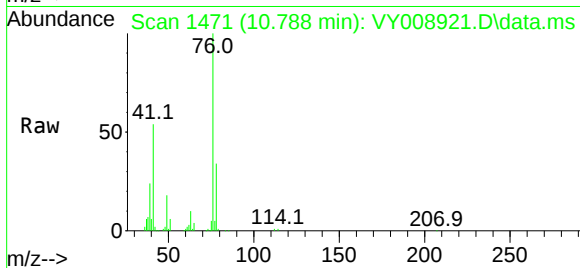
VY0520SBSD01

Tgt Ion: 76 Resp: 51082

Ion Ratio Lower Upper

76 100

78 33.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.832 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008921.D

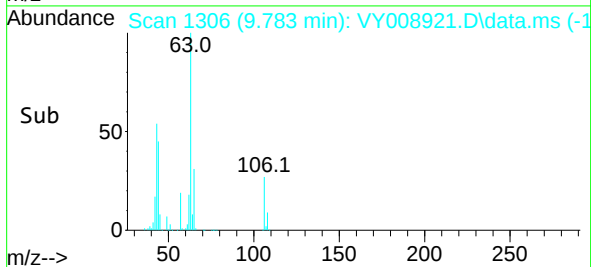
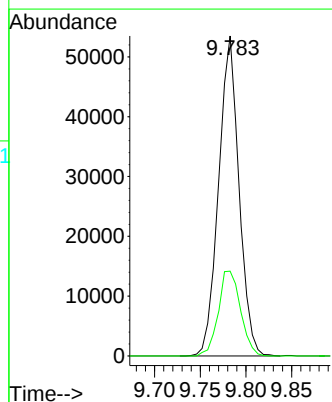
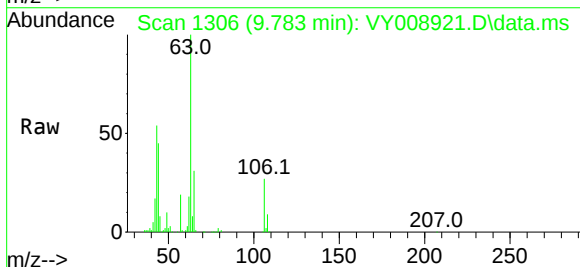
Acq: 20 May 2022 22:53

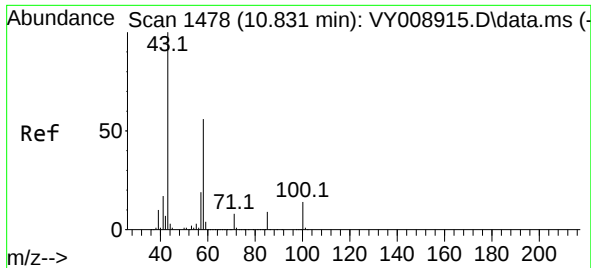
Tgt Ion: 63 Resp: 82980

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

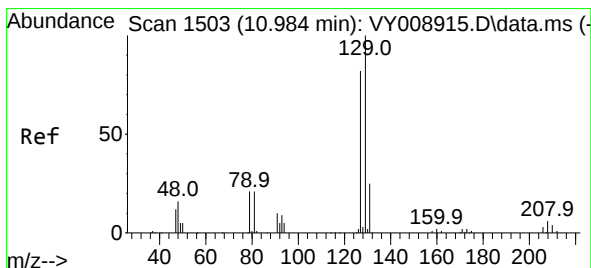
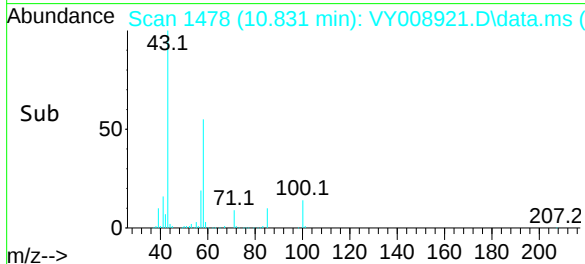
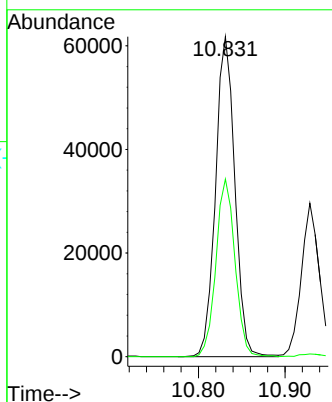
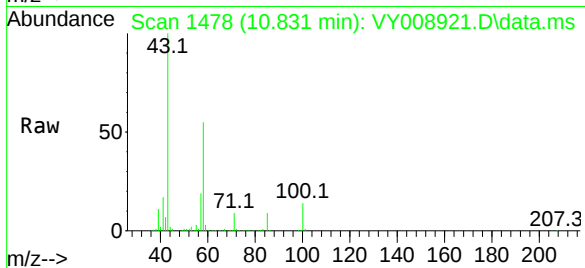




#59
2-Hexanone
Concen: 104.944 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

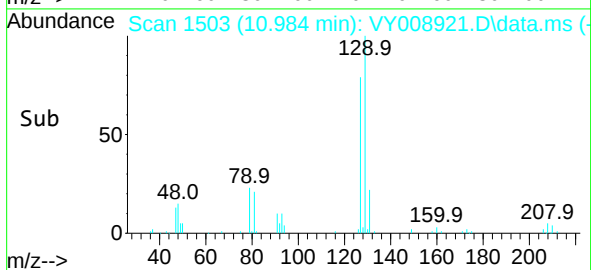
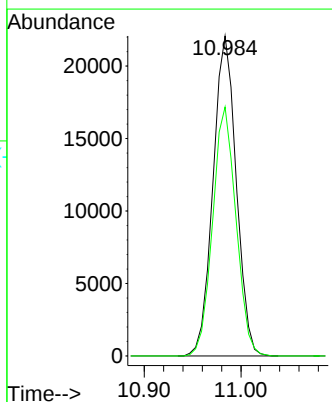
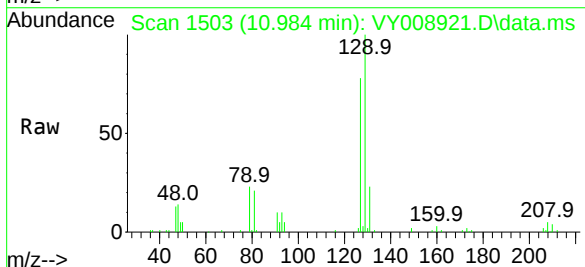
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

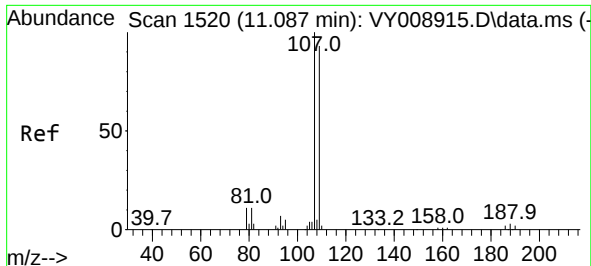
Tgt Ion: 43 Resp: 95488
Ion Ratio Lower Upper
43 100
58 54.8 24.4 73.4



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 129 Resp: 36776
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

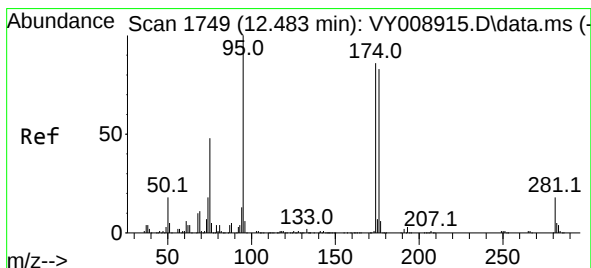
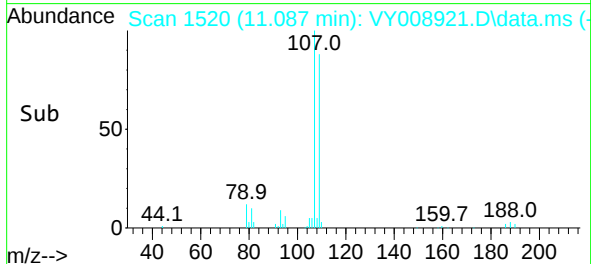
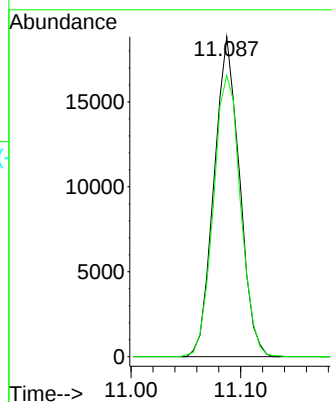
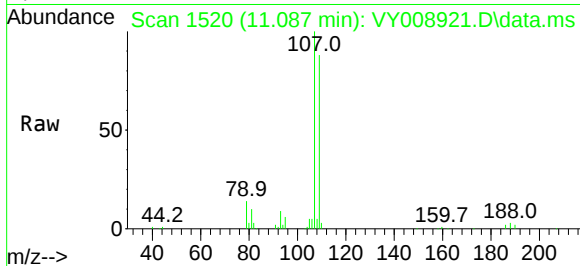




#61
1,2-Dibromoethane
Concen: 20.031 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

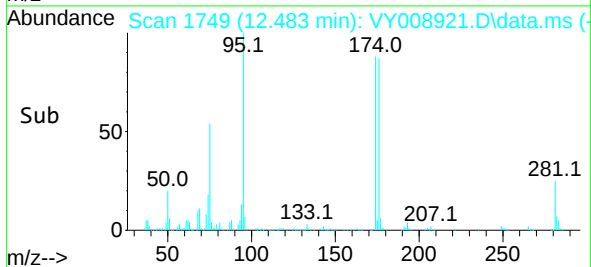
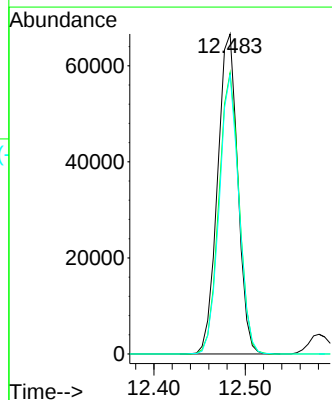
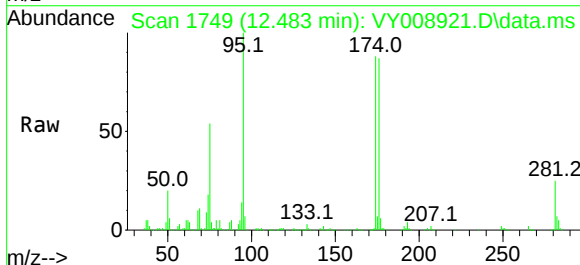
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

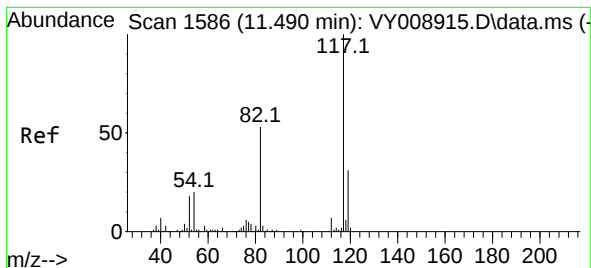
Tgt Ion:107 Resp: 30438
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.978 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 95 Resp: 102273
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

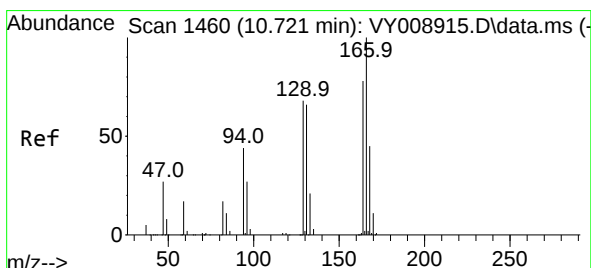
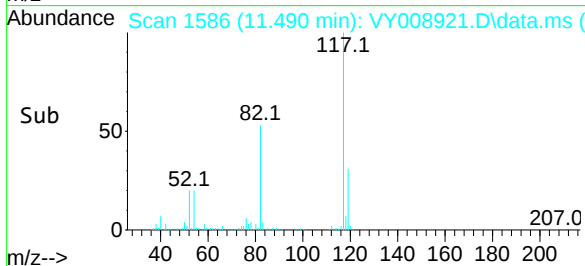
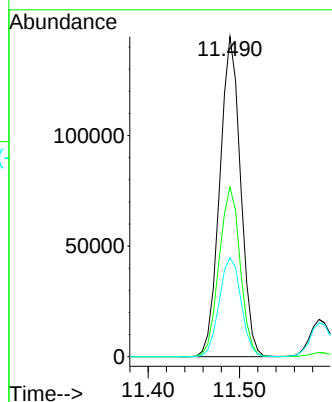
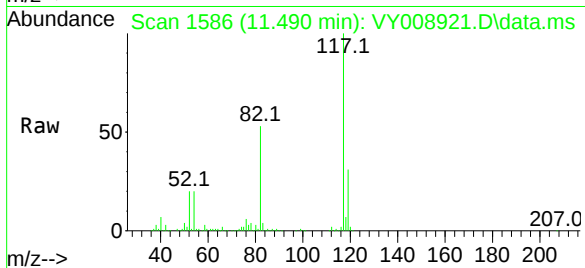
Tgt Ion:117 Resp: 229238

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 31.0 25.4 38.0



#64

Tetrachloroethene

Concen: 20.237 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Tgt Ion:164 Resp: 33767

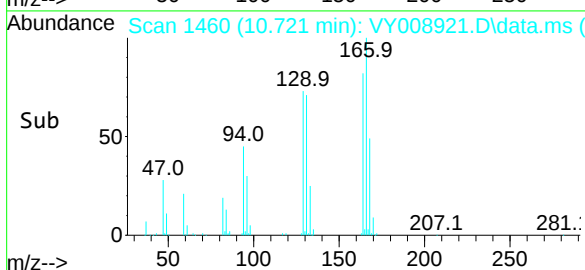
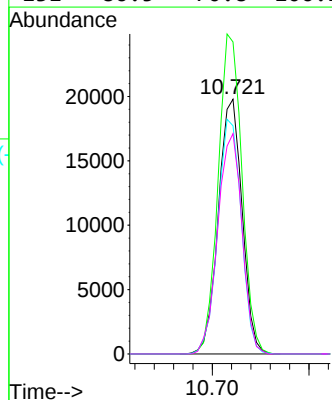
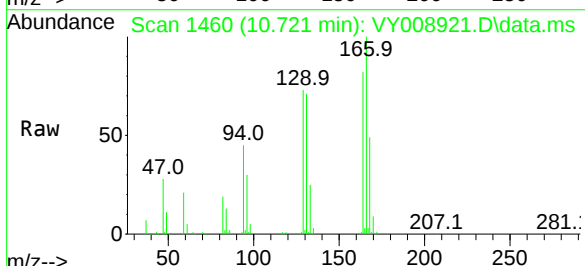
Ion Ratio Lower Upper

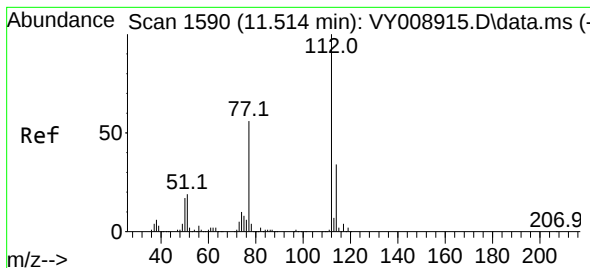
164 100

166 122.5 100.4 150.6

129 89.6 71.4 107.0

131 86.5 70.8 106.2





#65

Chlorobenzene

Concen: 20.266 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

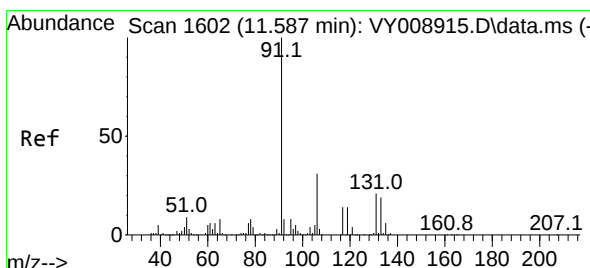
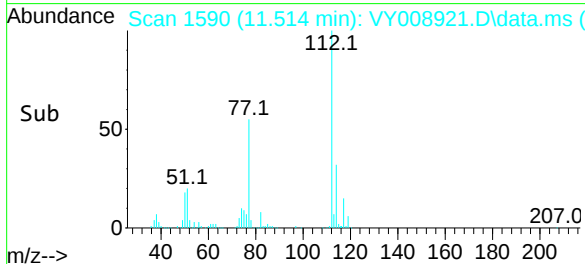
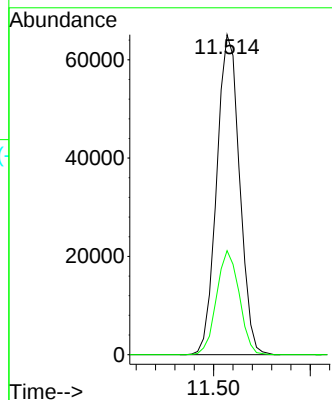
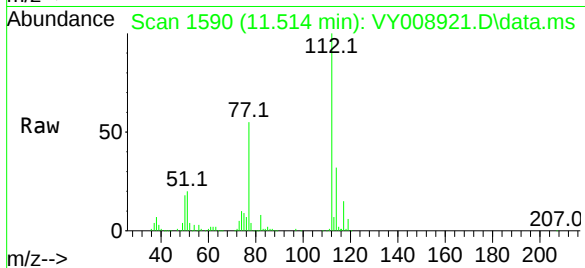
VY0520SBSD01

Tgt Ion:112 Resp: 106628

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.760 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

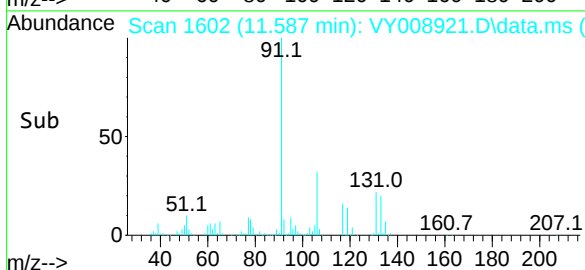
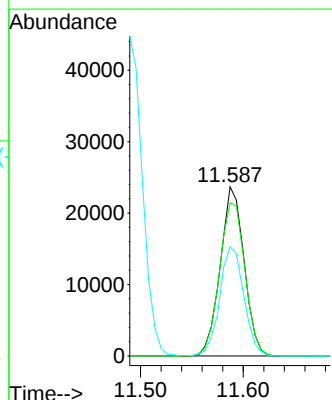
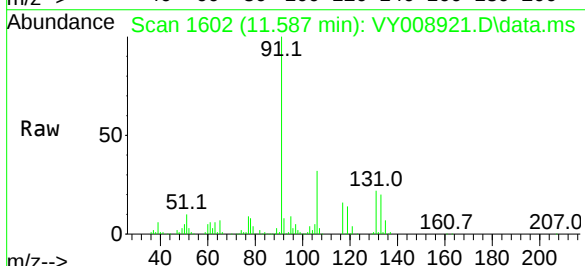
Tgt Ion:131 Resp: 38070

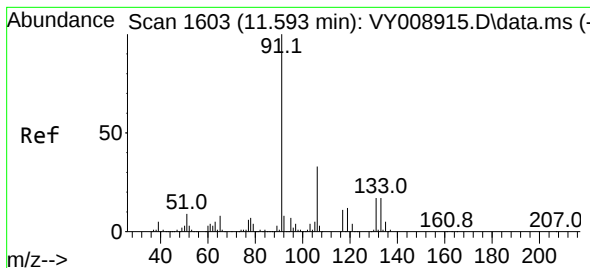
Ion Ratio Lower Upper

131 100

133 96.7 47.9 143.6

119 65.4 30.8 92.3

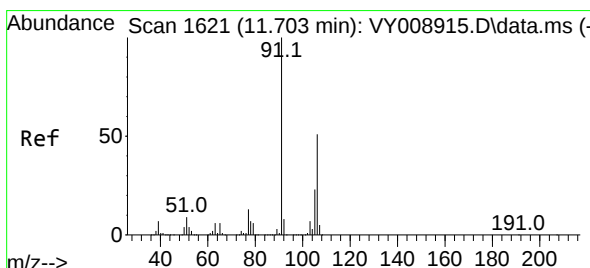
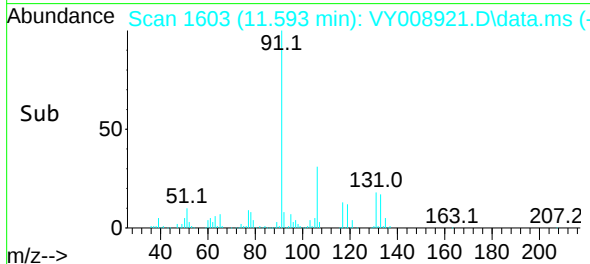
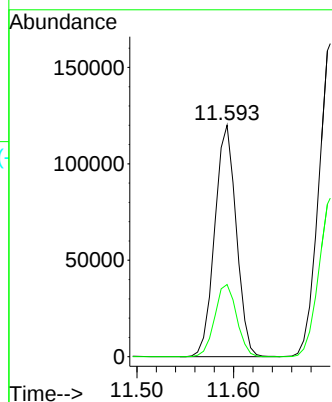
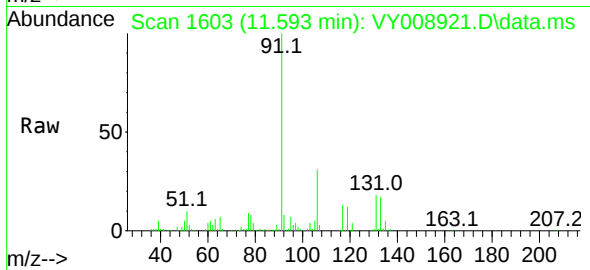




#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

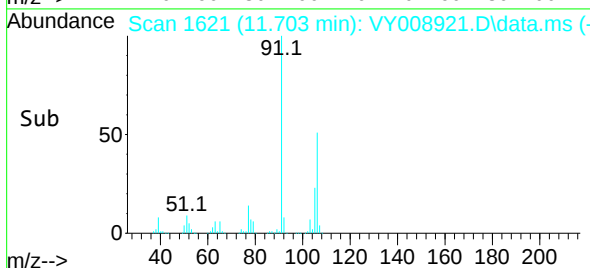
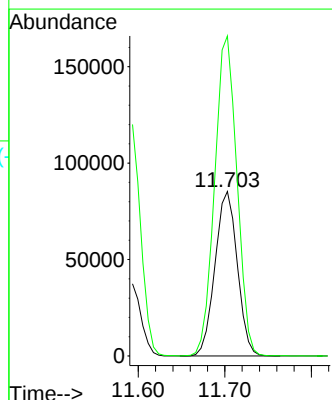
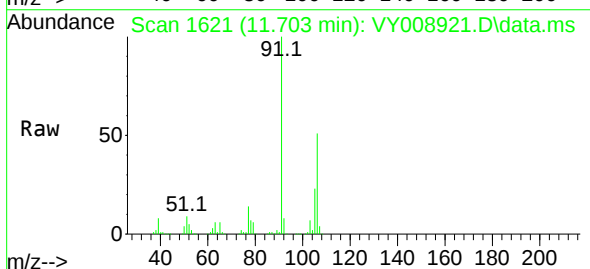
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

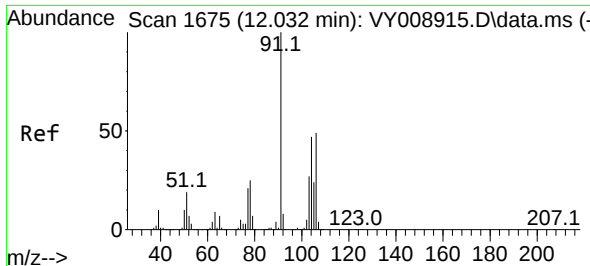
Tgt Ion: 91 Resp: 185313
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



#68
m/p-Xylenes
Concen: 39.624 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 106 Resp: 152521
Ion Ratio Lower Upper
106 100
91 194.3 166.6 249.8

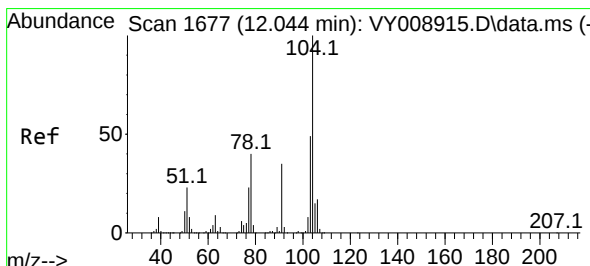
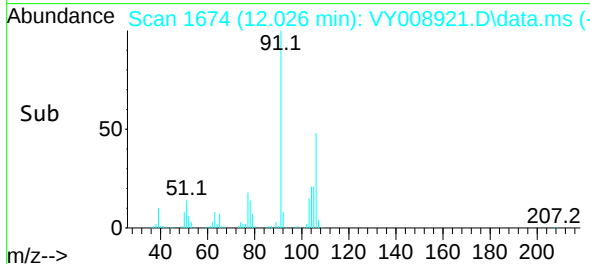
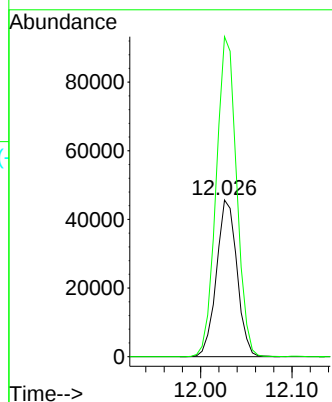
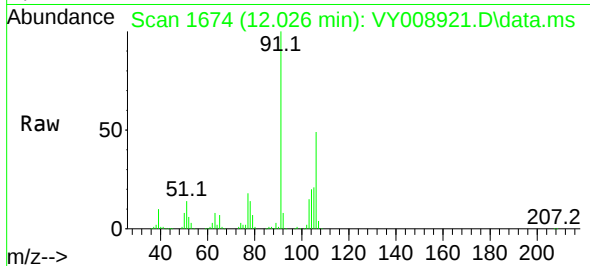




#69
o-Xylene
Concen: 19.922 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

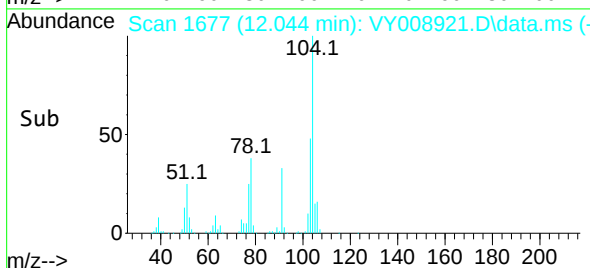
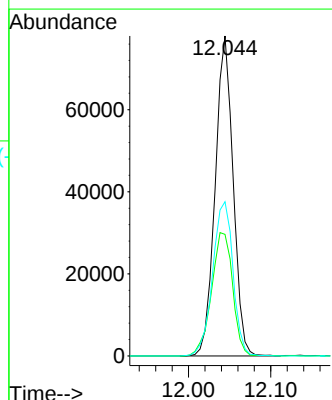
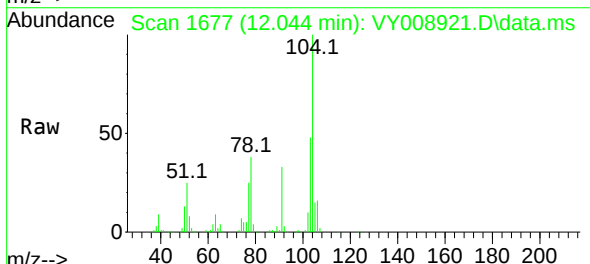
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

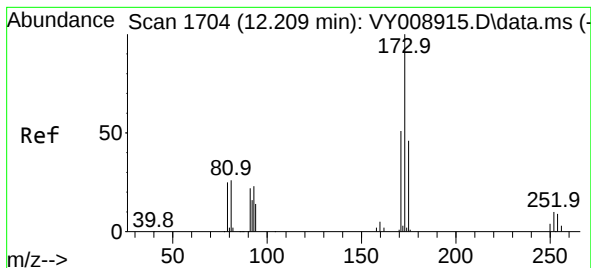
Tgt Ion:106 Resp: 71212
Ion Ratio Lower Upper
106 100
91 203.4 110.3 331.0



#70
Styrene
Concen: 19.268 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion:104 Resp: 118441
Ion Ratio Lower Upper
104 100
78 45.4 42.4 63.6
103 54.7 44.4 66.6





#71

Bromoform

Concen: 19.102 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

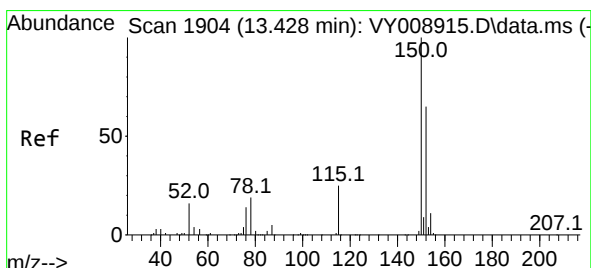
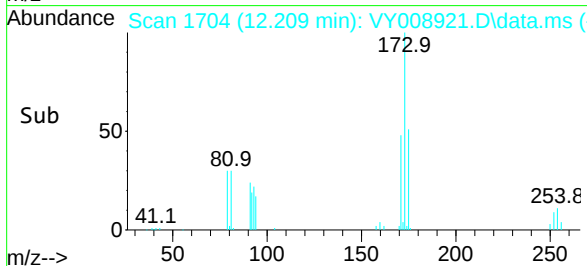
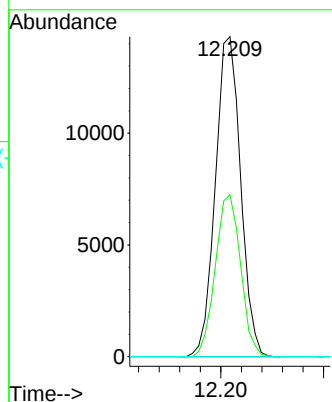
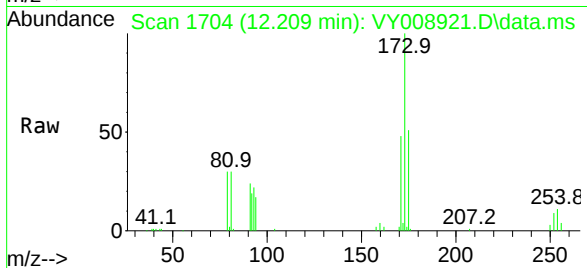
Tgt Ion:173 Resp: 24396

Ion Ratio Lower Upper

173 100

175 50.6 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: VY008921.D

Acq: 20 May 2022 22:53

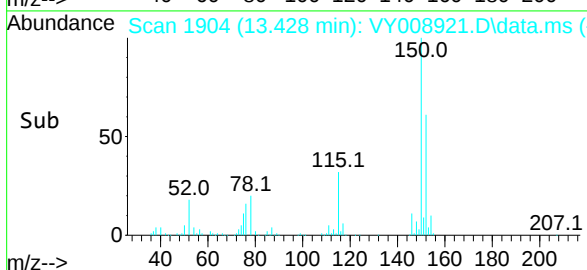
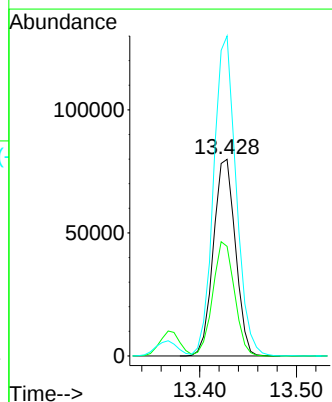
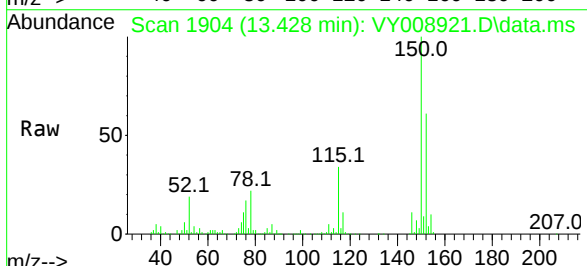
Tgt Ion:152 Resp: 126464

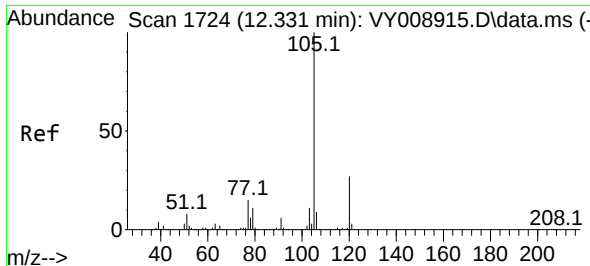
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 165.9 0.0 347.6

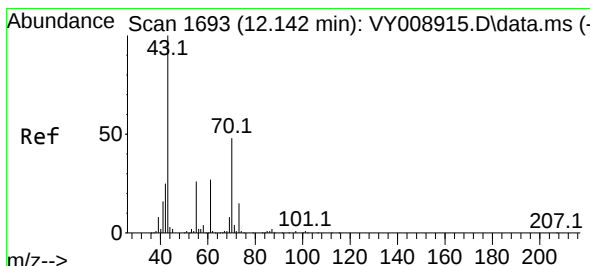
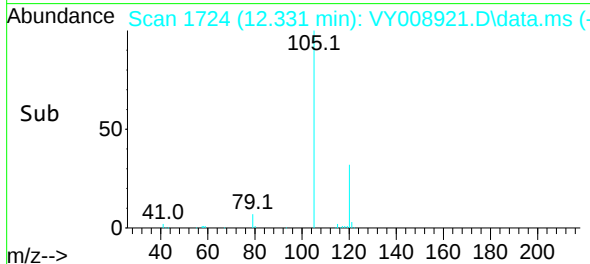
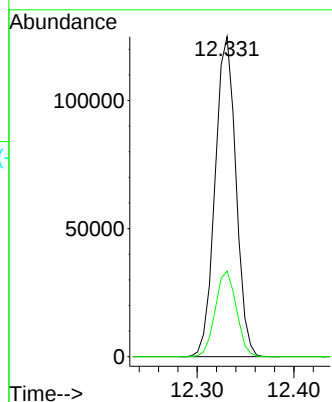
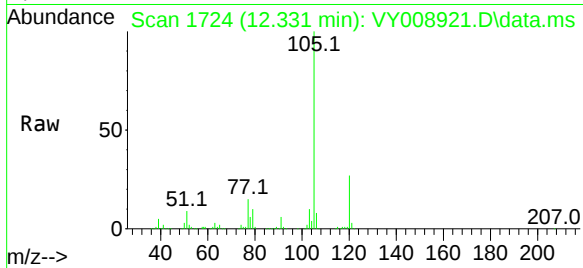




#73
Isopropylbenzene
Concen: 19.754 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

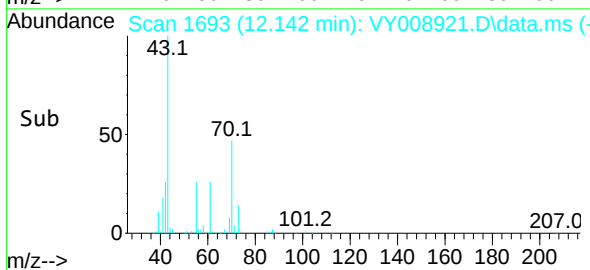
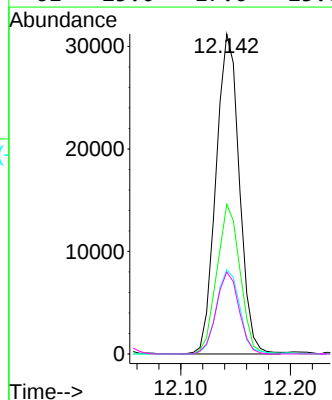
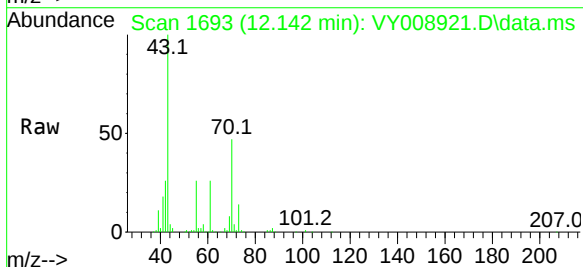
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

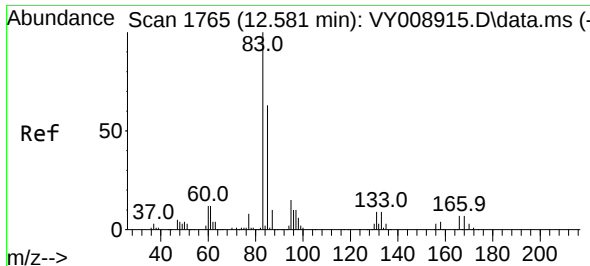
Tgt Ion:105 Resp: 186800
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 21.197 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 43 Resp: 46246
Ion Ratio Lower Upper
43 100
70 46.4 28.7 43.1#
55 26.3 17.3 25.9#
61 25.0 17.0 25.6

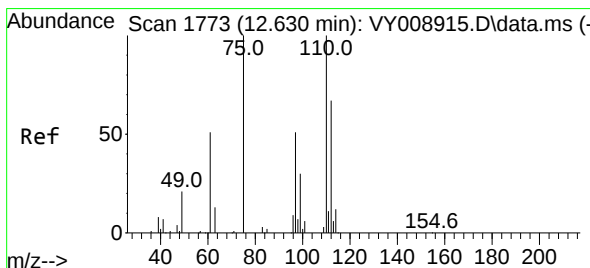
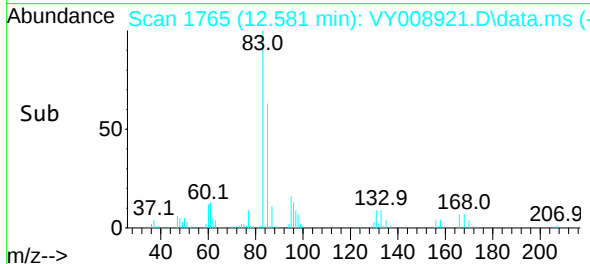
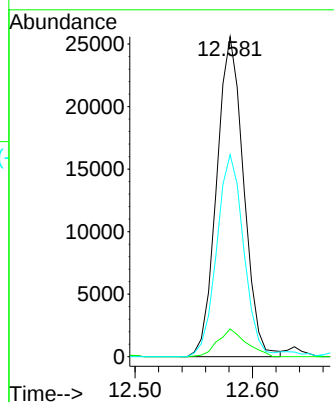
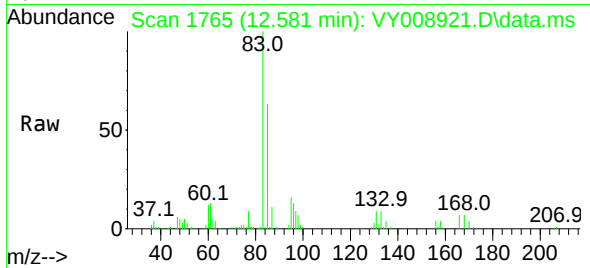




#75
1,1,2,2-Tetrachloroethane
Concen: 20.917 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

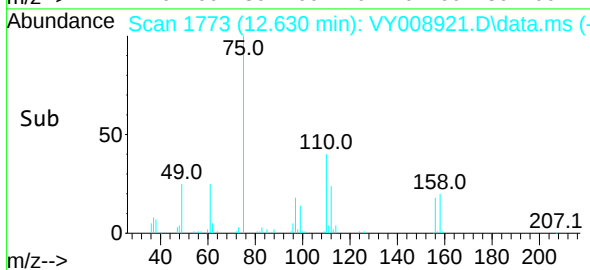
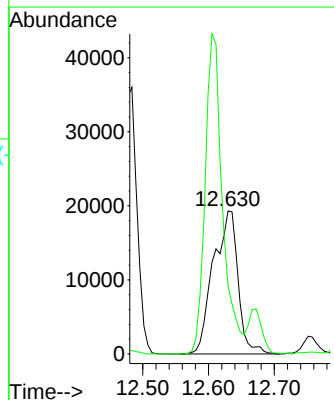
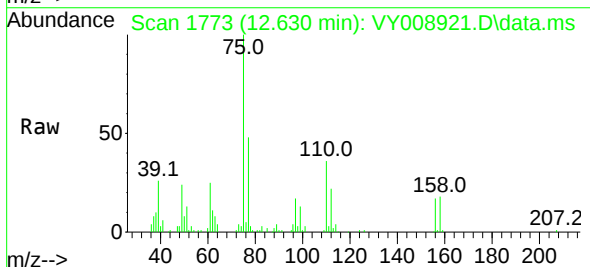
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

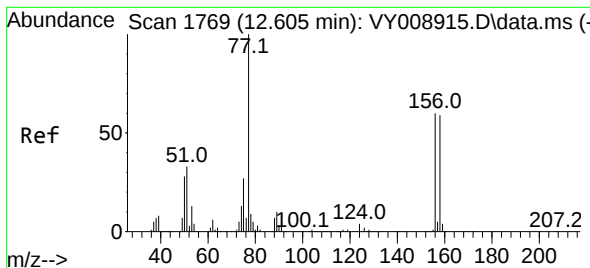
Tgt Ion: 83 Resp: 40746
Ion Ratio Lower Upper
83 100
131 9.1 5.6 16.8
85 63.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 37.151 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 75 Resp: 50454
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.056 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

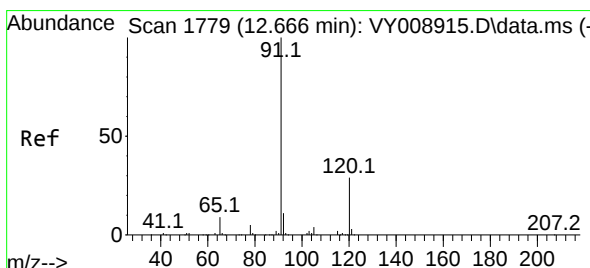
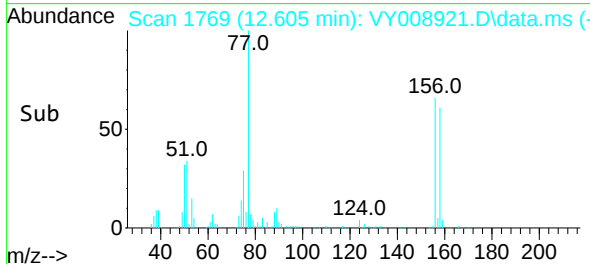
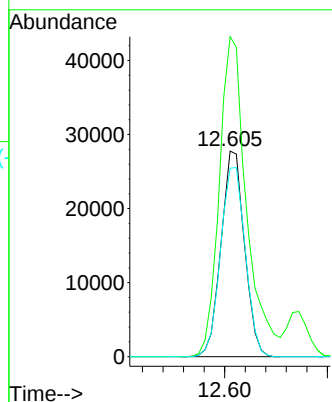
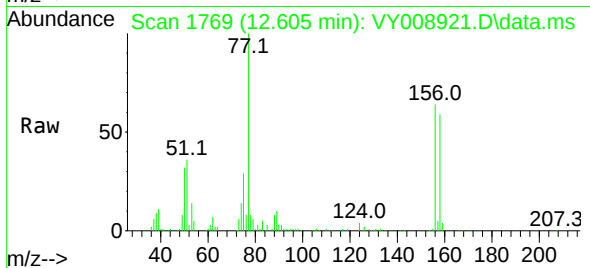
Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion:	156	Resp:	43964
Ion Ratio	Lower	Upper	
156	100		
77	181.2	95.5	286.4
158	97.1	48.0	144.0



#78

n-propylbenzene

Concen: 21.289 ug/l

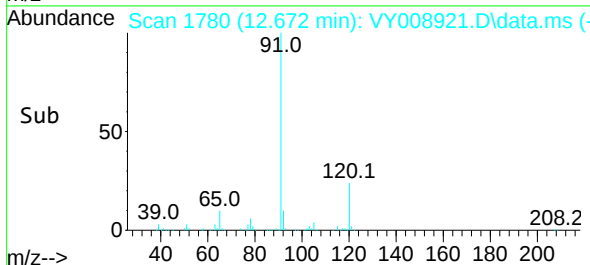
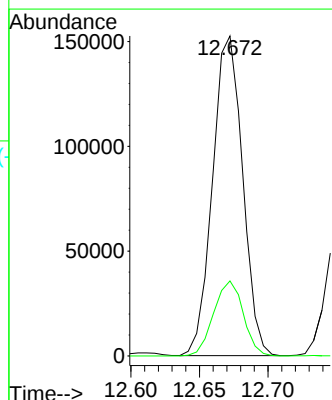
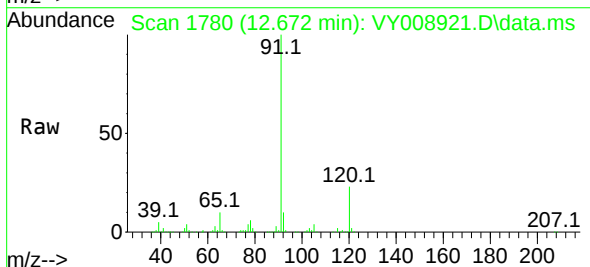
RT: 12.672 min Scan# 1780

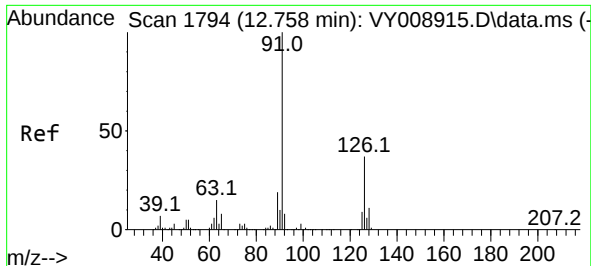
Delta R.T. 0.006 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Tgt Ion:	91	Resp:	232592
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.3	33.9

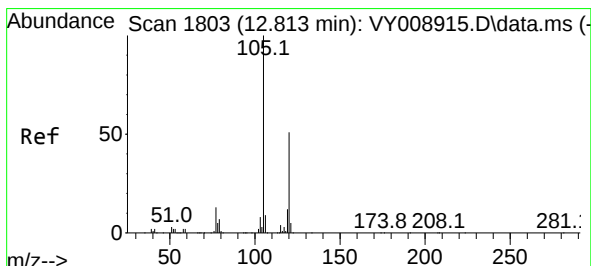
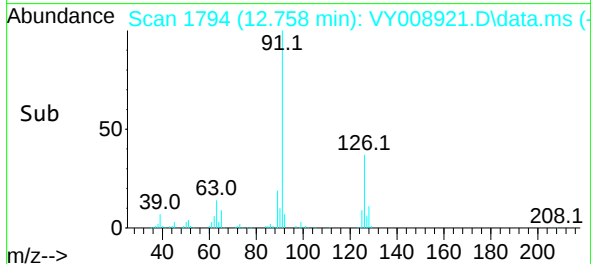
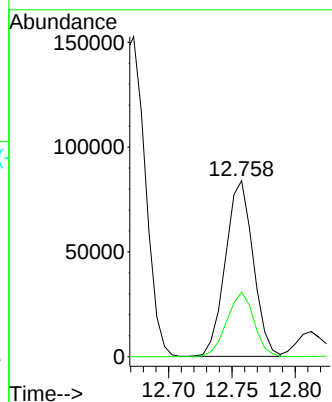
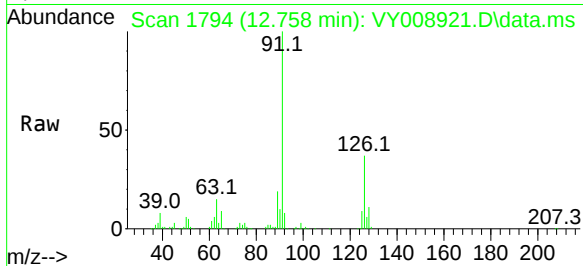




#79
2-Chlorotoluene
Concen: 20.296 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

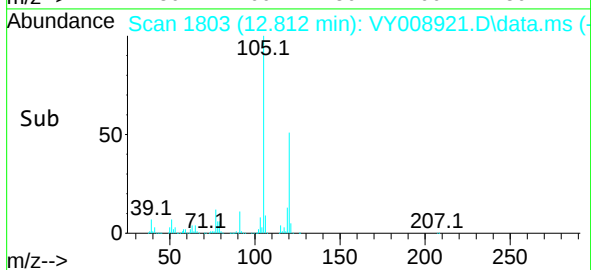
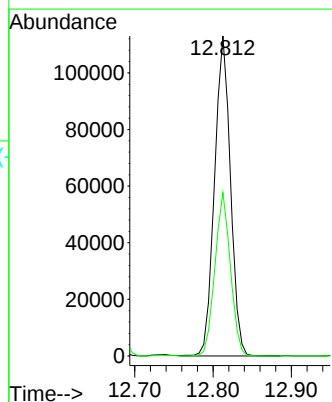
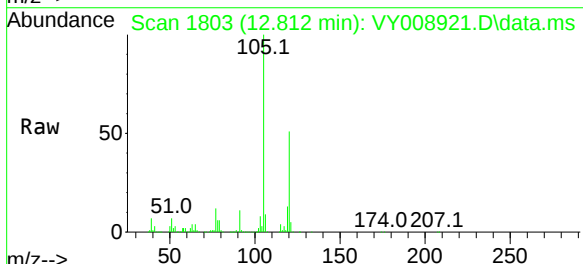
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

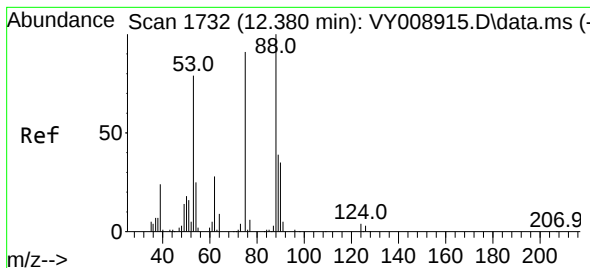
Tgt Ion: 91 Resp: 127903
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.155 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 105 Resp: 159746
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4

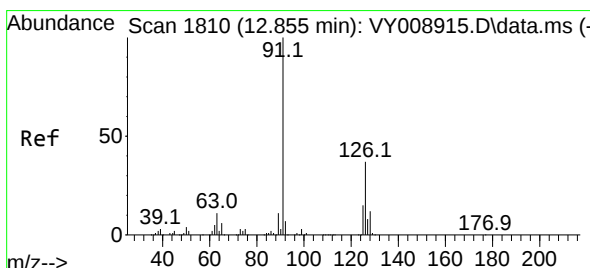
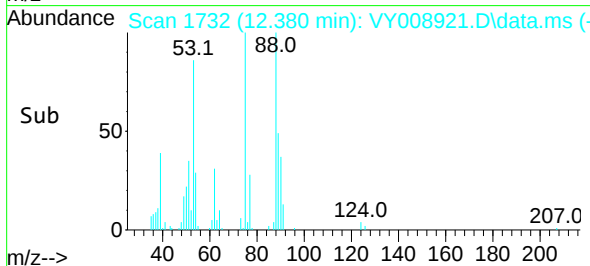
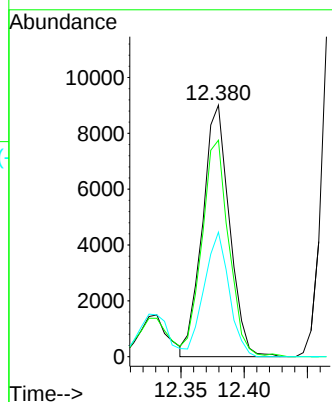
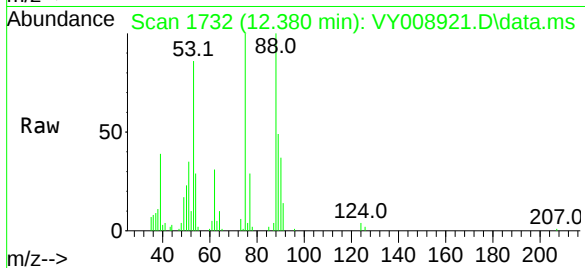




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.234 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53

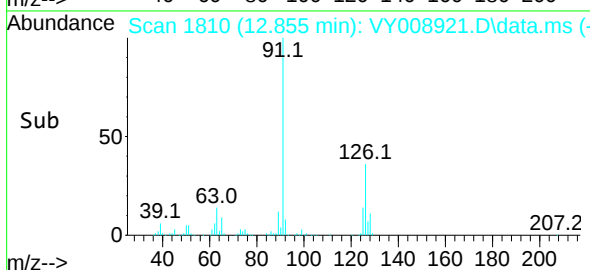
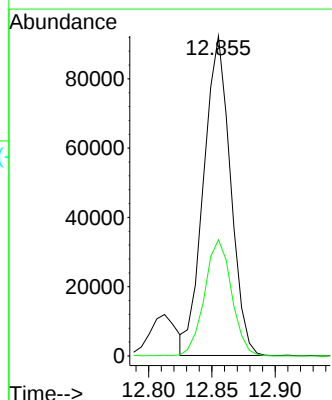
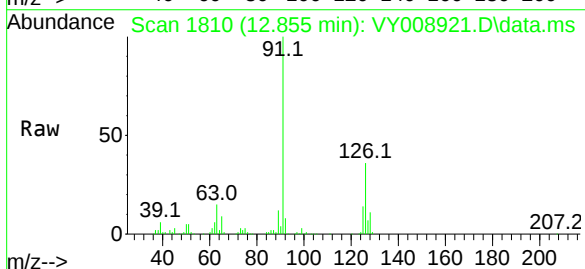
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBSD01

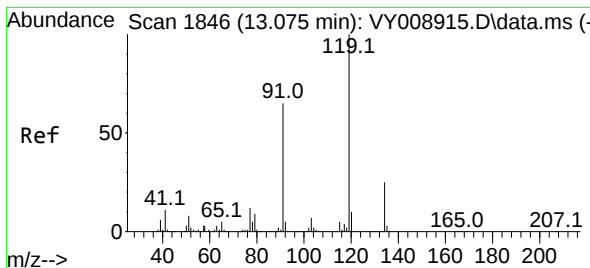
Tgt Ion: 75 Resp: 13388
 Ion Ratio Lower Upper
 75 100
 53 85.9 85.3 127.9
 89 45.5 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 20.162 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VY008921.D
 Acq: 20 May 2022 22:53

Tgt Ion: 91 Resp: 135901
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.915 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

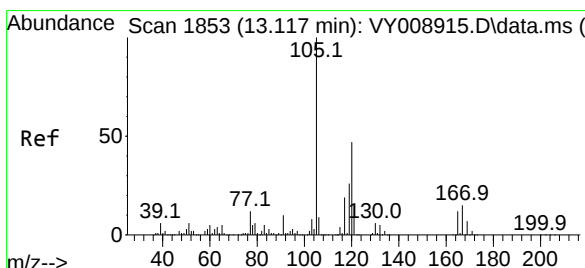
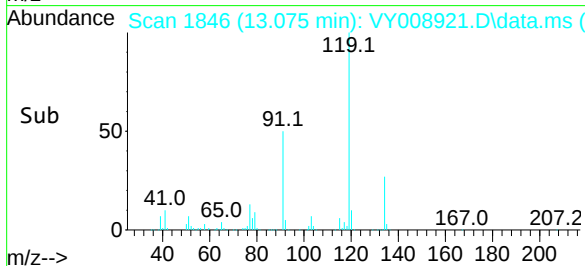
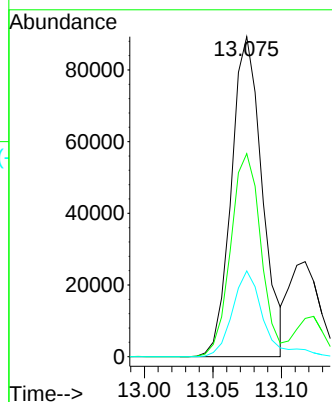
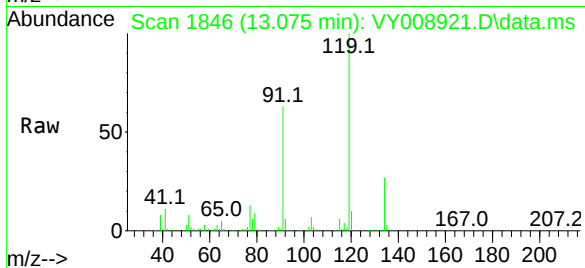
Tgt Ion:119 Resp: 140042

Ion Ratio Lower Upper

119 100

91 62.1 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.335 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY008921.D

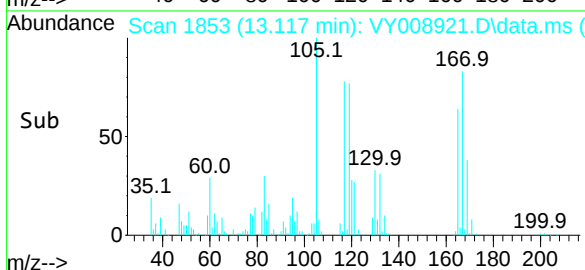
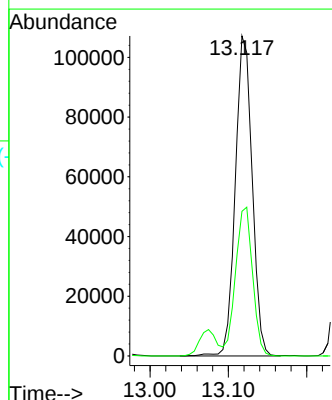
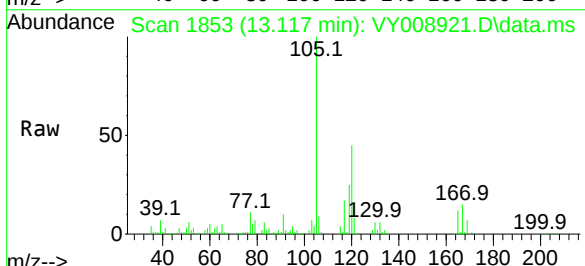
Acq: 20 May 2022 22:53

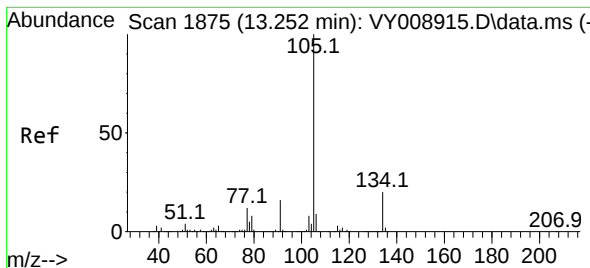
Tgt Ion:105 Resp: 159997

Ion Ratio Lower Upper

105 100

120 46.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.477 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

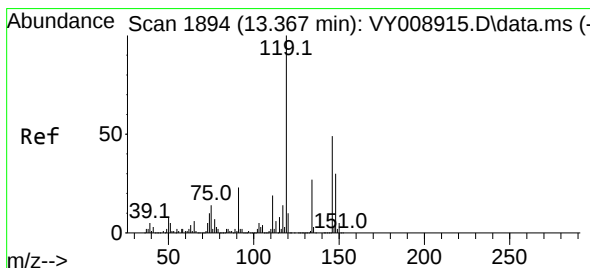
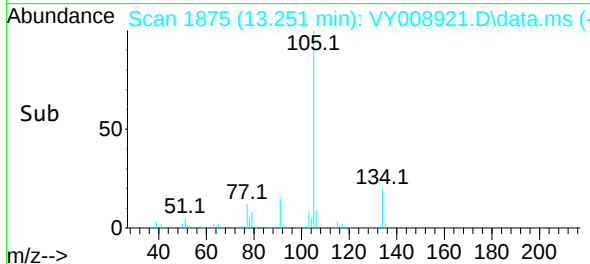
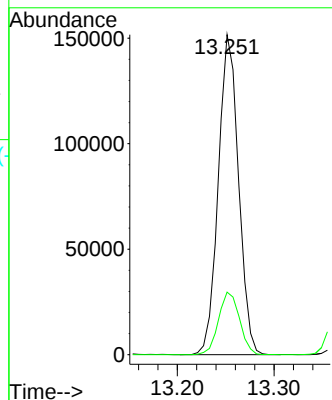
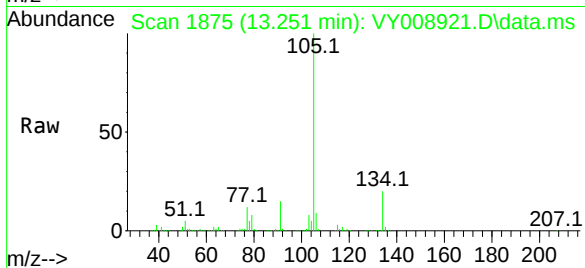
VY0520SBS01

Tgt Ion:105 Resp: 220310

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.509 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

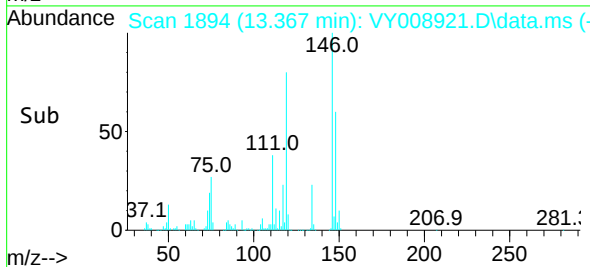
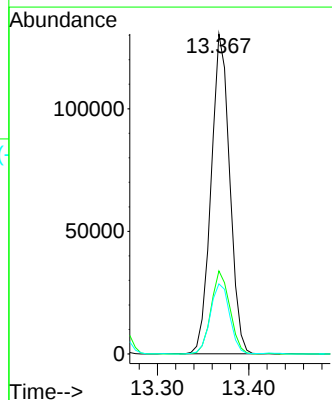
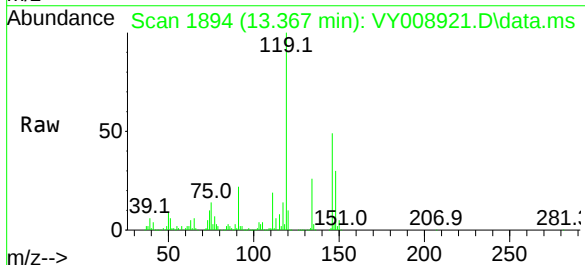
Tgt Ion:119 Resp: 184003

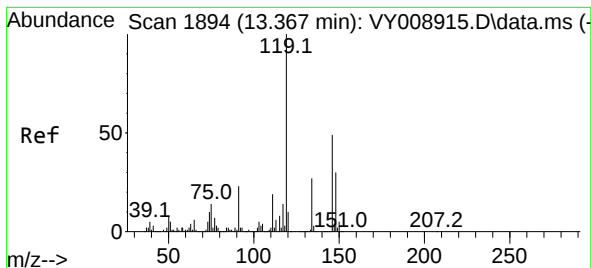
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.422 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

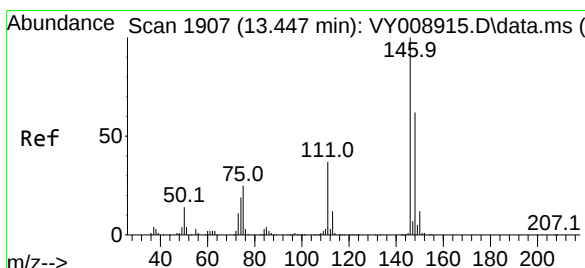
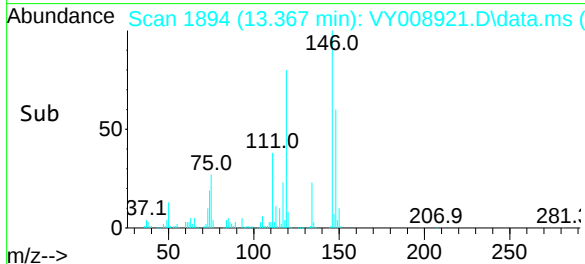
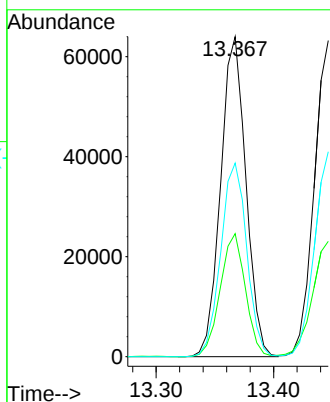
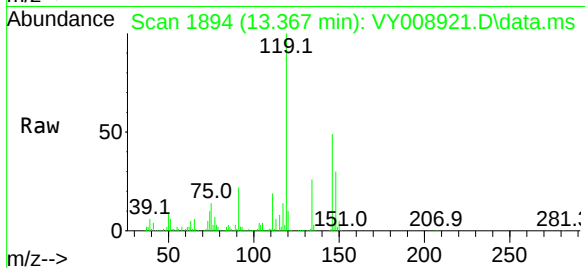
Tgt Ion:146 Resp: 95494

Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

148 62.4 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 20.253 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

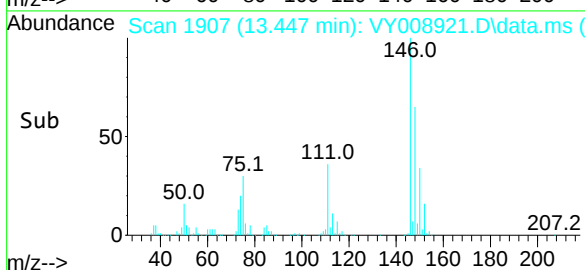
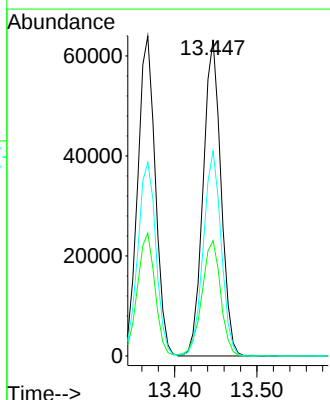
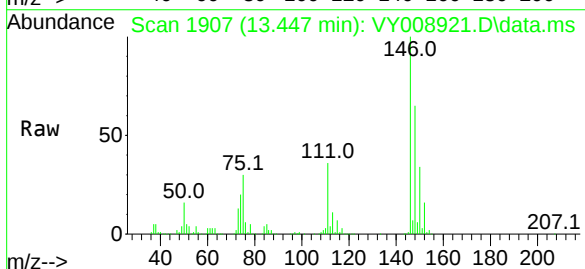
Tgt Ion:146 Resp: 95143

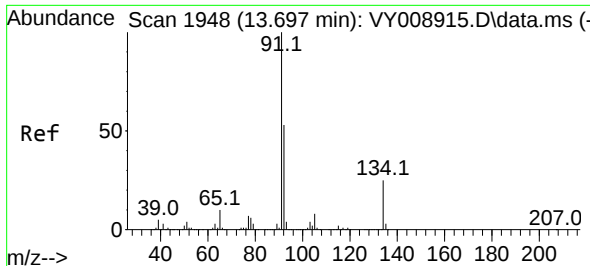
Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.8

148 64.9 32.6 97.8

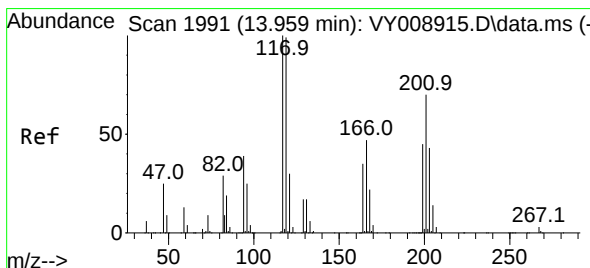
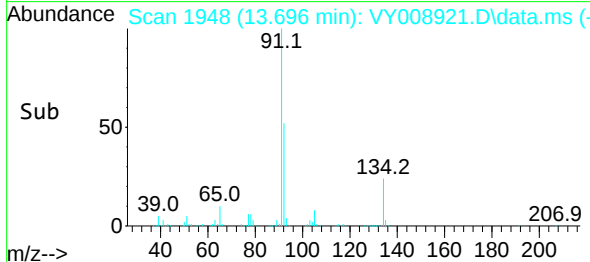
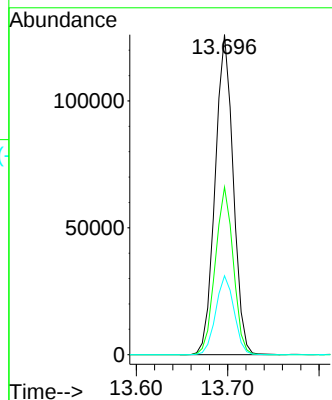
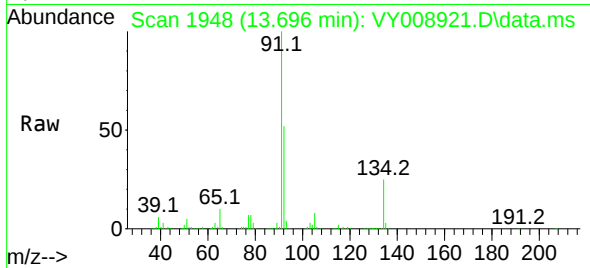




#89
n-Butylbenzene
Concen: 21.152 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

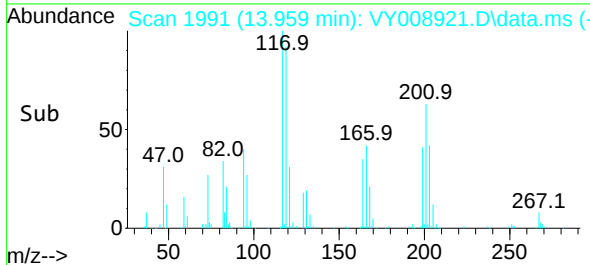
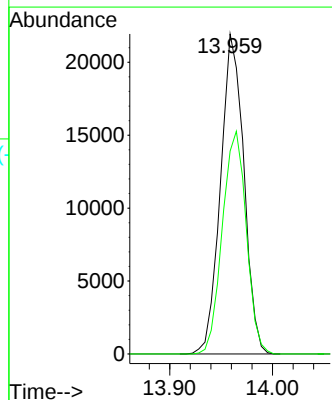
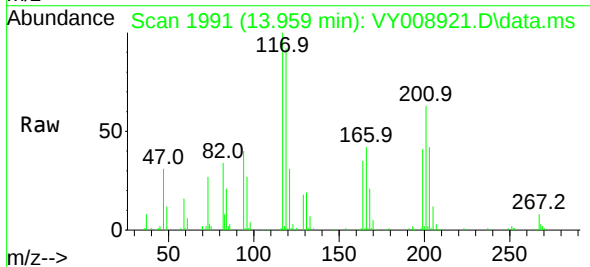
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

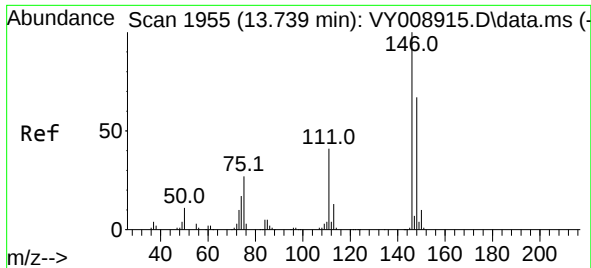
Tgt Ion: 91 Resp: 173612
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 24.9 13.0 38.9



#90
Hexachloroethane
Concen: 20.534 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 117 Resp: 34524
Ion Ratio Lower Upper
117 100
201 71.5 43.0 128.8

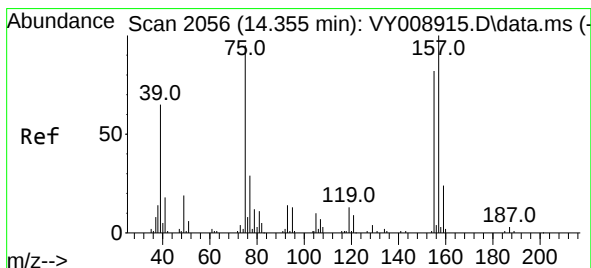
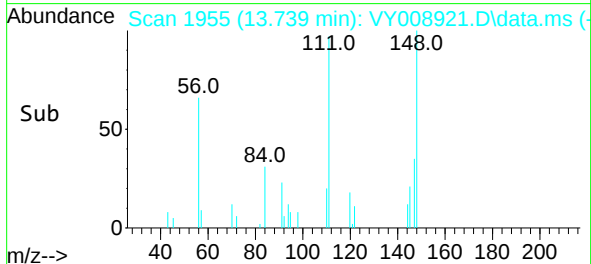
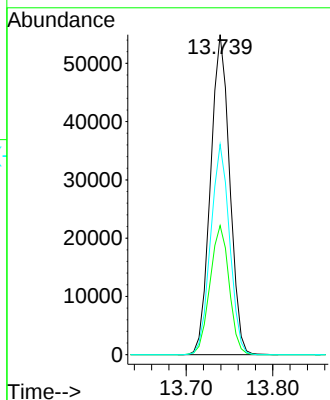
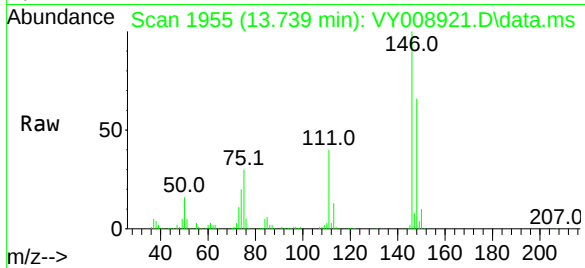




#91
1,2-Dichlorobenzene
Concen: 20.446 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

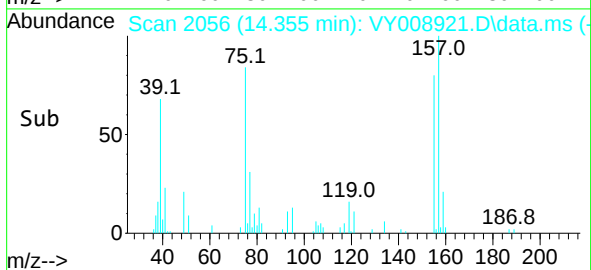
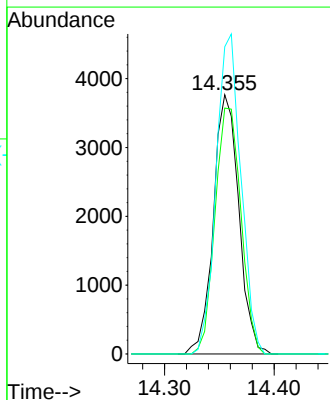
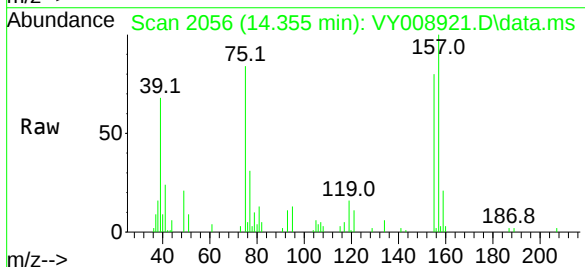
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

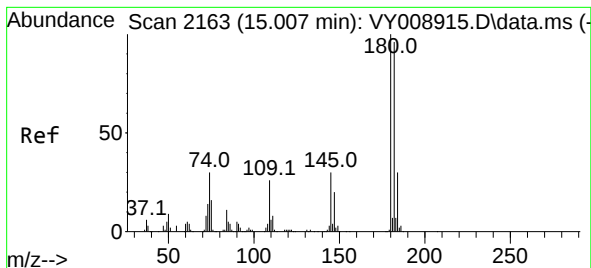
Tgt Ion:146 Resp: 84394
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 64.9 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.064 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008921.D
Acq: 20 May 2022 22:53

Tgt Ion: 75 Resp: 6068
Ion Ratio Lower Upper
75 100
155 96.7 38.0 113.9
157 120.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.986 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

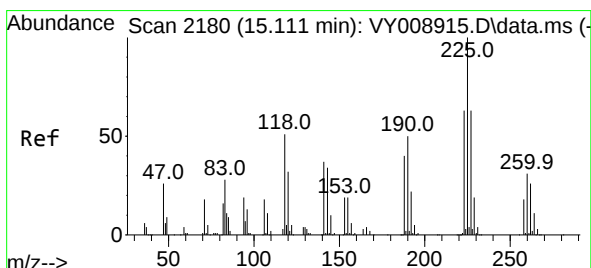
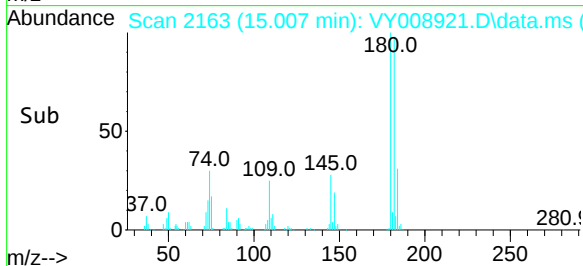
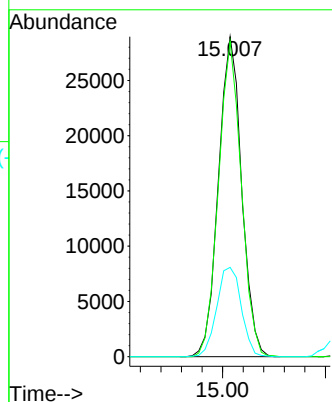
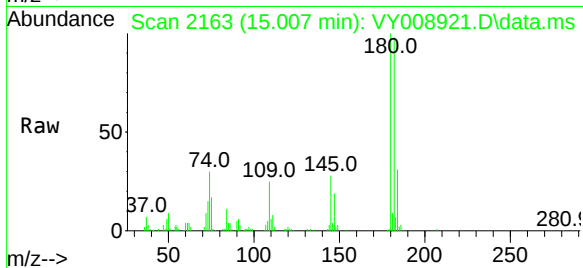
Tgt Ion:180 Resp: 45274

Ion Ratio Lower Upper

180 100

182 96.6 47.3 141.9

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.325 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

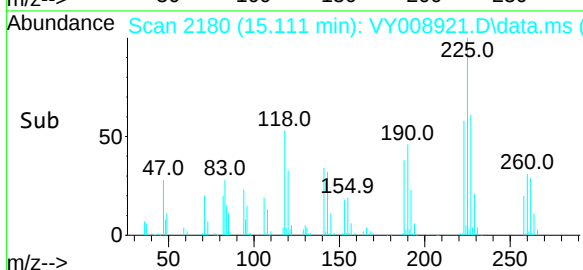
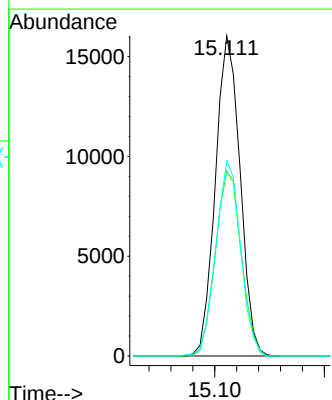
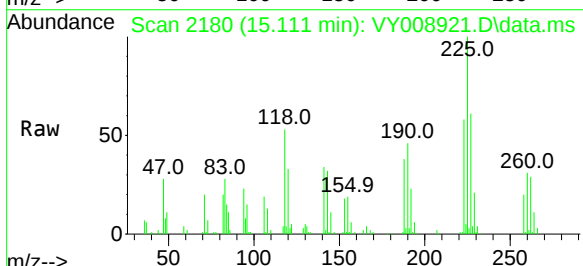
Tgt Ion:225 Resp: 25095

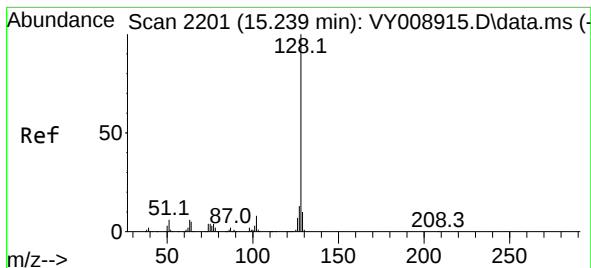
Ion Ratio Lower Upper

225 100

223 60.1 30.8 92.3

227 61.3 31.6 94.7





#95

Naphthalene

Concen: 20.942 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

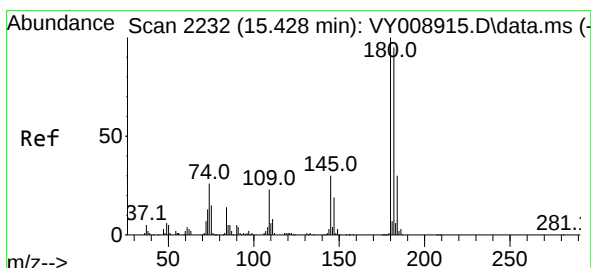
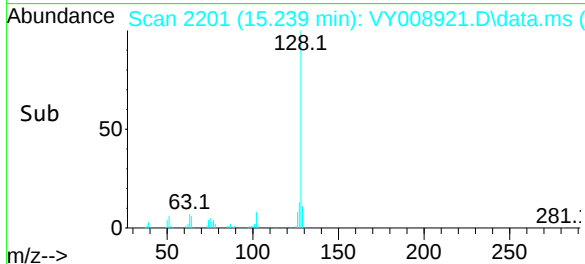
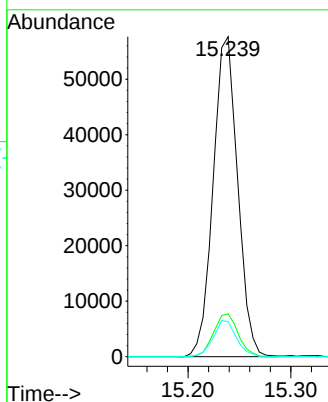
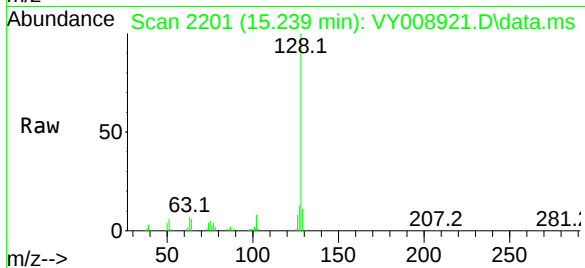
Tgt Ion:128 Resp: 95302

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.317 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY008921.D

Acq: 20 May 2022 22:53

Tgt Ion:180 Resp: 39994

Ion Ratio Lower Upper

180 100

182 96.7 47.3 141.9

145 31.4 15.3 45.9

