

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009023.D
 Acq On : 23 May 2022 22:29
 Operator : KP/MD
 Sample : VY0523SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

Quant Time: May 24 01:52:15 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	97412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	164277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	44926	44.812	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.620%		
35) Dibromofluoromethane	7.716	113	48388	47.368	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.740%		
50) Toluene-d8	10.179	98	153666	40.775	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.560%		
62) 4-Bromofluorobenzene	12.483	95	70057	46.083	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	17817	19.998	ug/l	99
3) Chloromethane	2.107	50	30155	23.625	ug/l	96
4) Vinyl Chloride	2.247	62	44918	23.753	ug/l	100
5) Bromomethane	2.625	94	52899	28.538	ug/l	98
6) Chloroethane	2.784	64	33844	25.263	ug/l	93
7) Trichlorofluoromethane	3.113	101	34665	21.586	ug/l	92
8) Diethyl Ether	3.527	74	11335	22.573	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	20707	20.980	ug/l	93
10) Methyl Iodide	4.088	142	17458	17.130	ug/l	93
11) Tert butyl alcohol	4.948	59	12004	118.044	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	19098	20.844	ug/l	86
13) Acrolein	3.716	56	5013	149.765	ug/l	95
14) Allyl chloride	4.466	41	28038	20.306	ug/l #	86
15) Acrylonitrile	5.155	53	32400	115.239	ug/l	98
16) Acetone	3.942	43	25467	122.034	ug/l	93
17) Carbon Disulfide	4.186	76	58602	19.577	ug/l	100
18) Methyl Acetate	4.466	43	15917	24.493	ug/l #	87
19) Methyl tert-butyl Ether	5.210	73	58366	21.223	ug/l	98
20) Methylene Chloride	4.710	84	34052	25.207	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	24041	20.443	ug/l #	82
22) Diisopropyl ether	6.112	45	69058	20.818	ug/l	98
23) Vinyl Acetate	6.057	43	229745	104.699	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	41905	21.120	ug/l #	96
25) 2-Butanone	6.984	43	41542	111.451	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	33864	18.528	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	27240	20.548	ug/l	88
28) Bromochloromethane	7.325	49	16131	23.686	ug/l #	90
29) Tetrahydrofuran	7.344	42	28874	114.039	ug/l	89
30) Chloroform	7.502	83	44684	20.863	ug/l	99
31) Cyclohexane	7.777	56	38208	19.481	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	40010	20.591	ug/l	98
36) 1,1-Dichloropropene	7.917	75	34604	19.905	ug/l	99
37) Ethyl Acetate	7.069	43	20035	22.217	ug/l	95
38) Carbon Tetrachloride	7.899	117	35039	19.267	ug/l	96
39) Methylcyclohexane	9.179	83	41029	18.284	ug/l	88
40) Benzene	8.155	78	100834	20.114	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	26691	57.357	ug/l #	19
42) 1,2-Dichloroethane	8.234	62	31327	21.281	ug/l	93
43) Isopropyl Acetate	8.270	43	36502	21.769	ug/l	93
44) Trichloroethene	8.935	130	26008	19.594	ug/l	89
45) 1,2-Dichloropropane	9.209	63	24777	20.584	ug/l	92
46) Dibromomethane	9.301	93	16180	21.140	ug/l	91
47) Bromodichloromethane	9.496	83	36355	20.783	ug/l	98
48) Methyl methacrylate	9.289	41	16533	22.081	ug/l #	87
49) 1,4-Dioxane	9.295	88	4310	421.246	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	104300	112.393	ug/l	94
52) Toluene	10.240	92	66907	19.098	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	35976	19.367	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	39423	19.742	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	21529	20.105	ug/l	92
56) Ethyl methacrylate	10.508	69	26715	19.514	ug/l	91
57) 1,3-Dichloropropane	10.788	76	36330	20.798	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	61210	103.345	ug/l	97
59) 2-Hexanone	10.831	43	72195	113.626	ug/l	93
60) Dibromochloromethane	10.983	129	25102	19.338	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20987	19.778	ug/l	97
64) Tetrachloroethene	10.721	164	22188	19.121	ug/l	96
65) Chlorobenzene	11.514	112	71531	19.548	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	26153	19.519	ug/l	97
67) Ethyl Benzene	11.593	91	126085	19.120	ug/l	96
68) m/p-Xylenes	11.703	106	101551	37.935	ug/l	91
69) o-Xylene	12.026	106	47395	19.066	ug/l	91
70) Styrene	12.044	104	81279	19.012	ug/l	93
71) Bromoform	12.209	173	16773	18.884	ug/l #	97
73) Isopropylbenzene	12.331	105	125879	19.170	ug/l	99
74) N-amyl acetate	12.142	43	34138	22.533	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	28093	20.768	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	35551	37.698	ug/l #	100
77) Bromobenzene	12.605	156	28801	18.921	ug/l	98
78) n-propylbenzene	12.672	91	158507	20.893	ug/l	99
79) 2-Chlorotoluene	12.757	91	85471	19.531	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	105977	19.255	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	9037	19.668	ug/l	90
82) 4-Chlorotoluene	12.855	91	90321	19.297	ug/l	96
83) tert-Butylbenzene	13.074	119	93726	19.194	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	106912	19.567	ug/l	96
85) sec-Butylbenzene	13.251	105	144358	19.322	ug/l	100
86) p-Isopropyltoluene	13.367	119	120136	19.283	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	62634	19.289	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	63582	19.490	ug/l	99
89) n-Butylbenzene	13.696	91	115275	20.225	ug/l	98
90) Hexachloroethane	13.958	117	24058	20.606	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	57191	19.953	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4583	21.823	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	30252	19.231	ug/l	99
94) Hexachlorobutadiene	15.111	225	17140	19.991	ug/l	97
95) Naphthalene	15.233	128	64425	20.387	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	26868	19.655	ug/l	99

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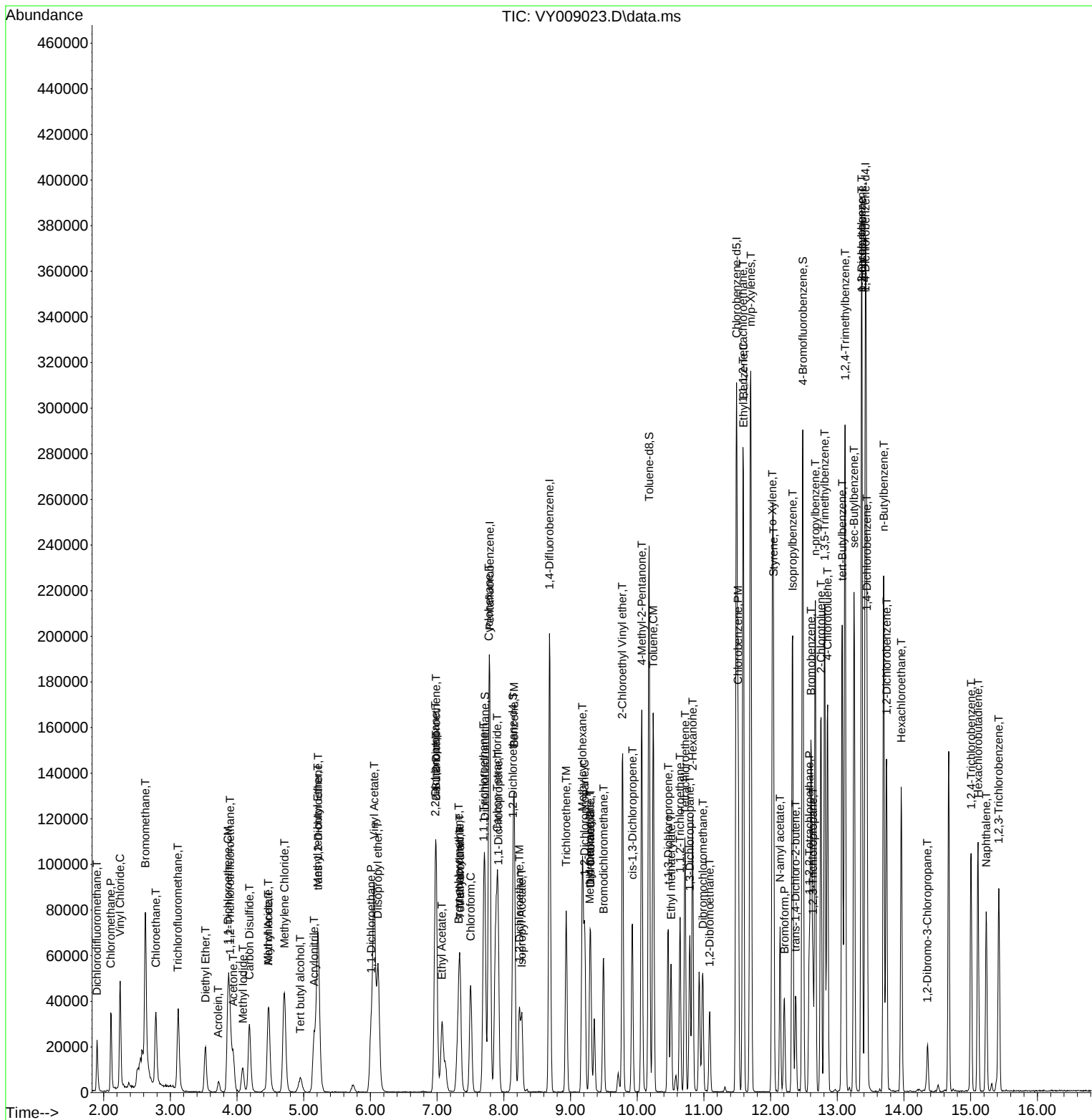
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

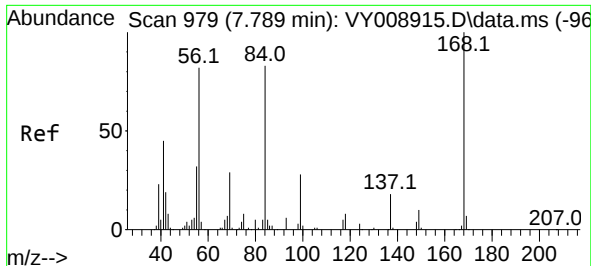
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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

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

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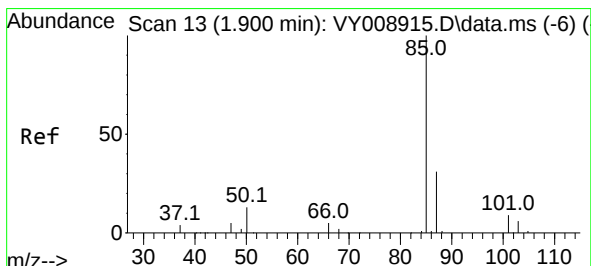
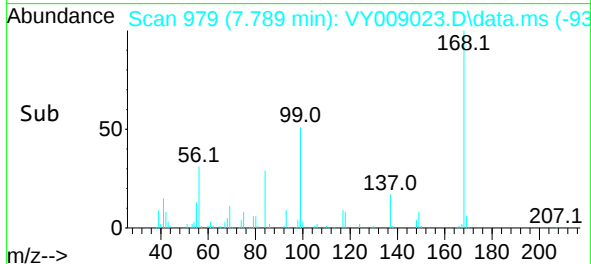
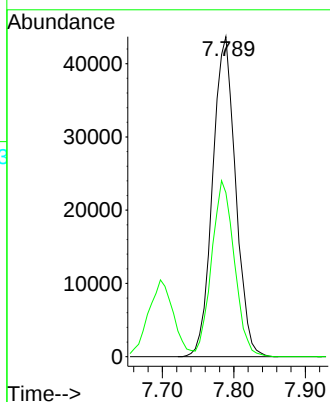
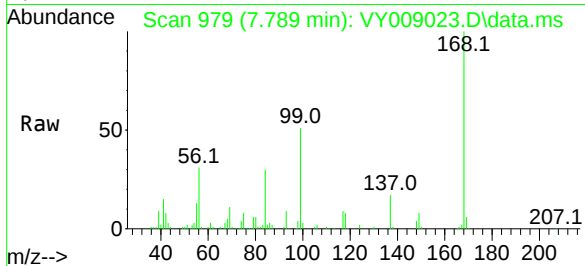




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009023.D
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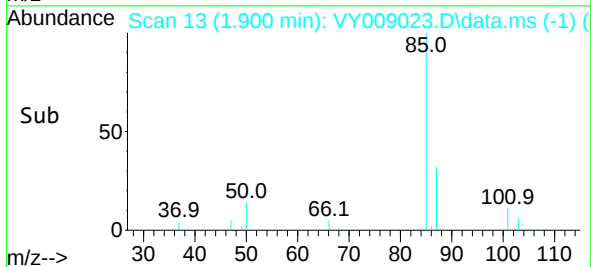
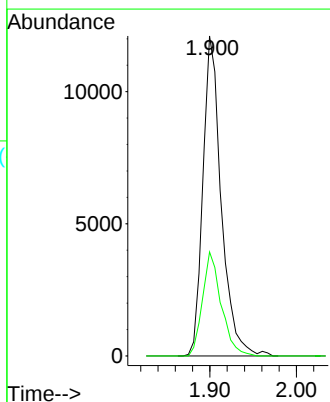
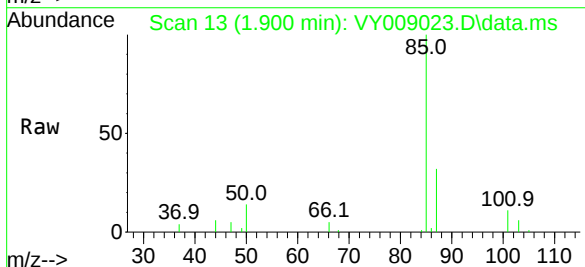
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion:168 Resp: 97412
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 19.998 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 85 Resp: 17817
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

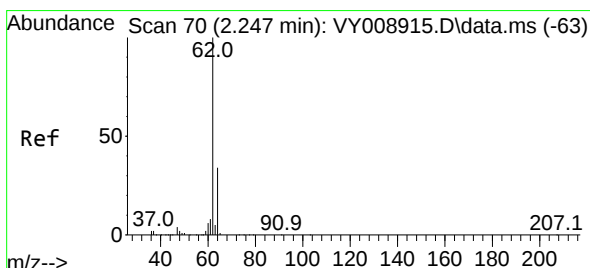
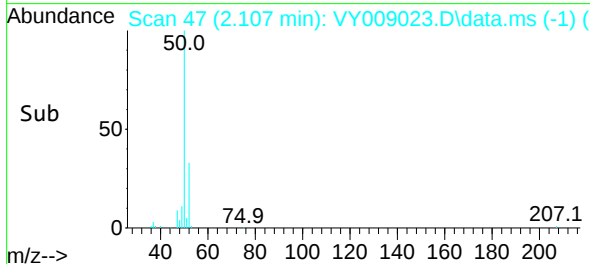
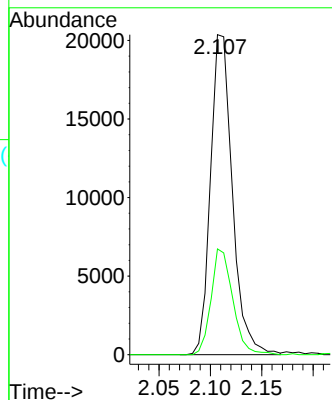
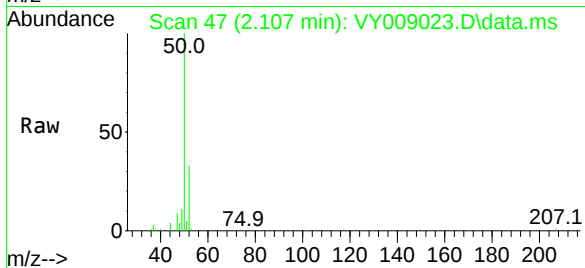




#3
Chloromethane
Concen: 23.625 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

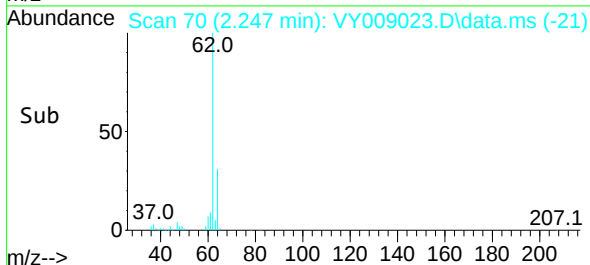
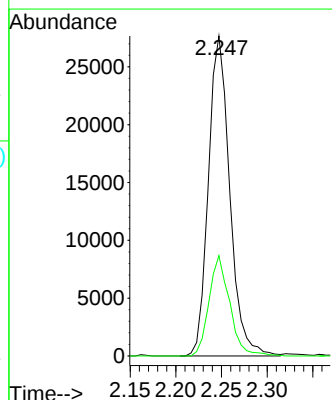
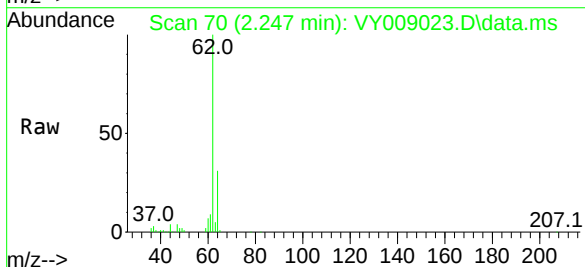
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ClientSampleId :
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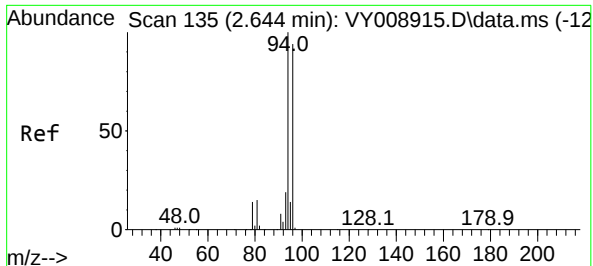
Tgt Ion: 50 Resp: 30155
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0



#4
Vinyl Chloride
Concen: 23.753 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 62 Resp: 44918
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6

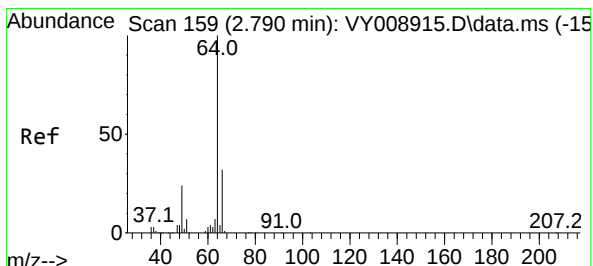
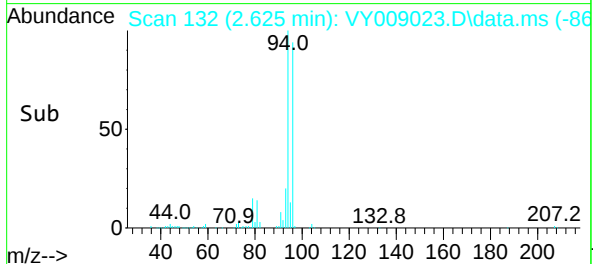
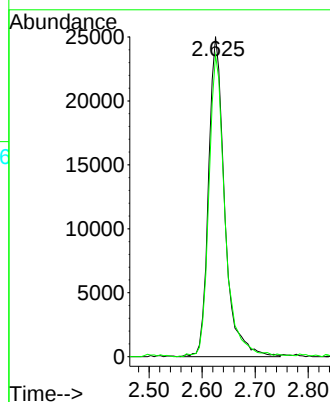
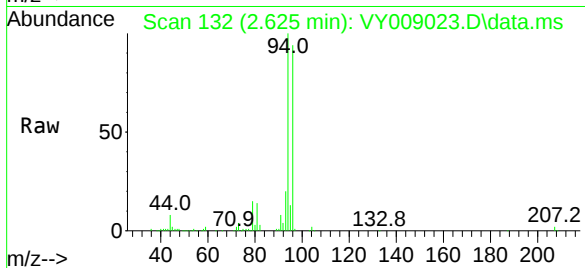




#5
Bromomethane
Concen: 28.538 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.019 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

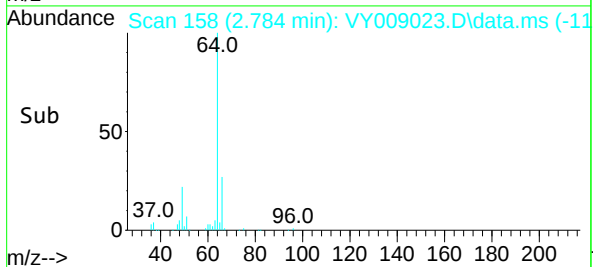
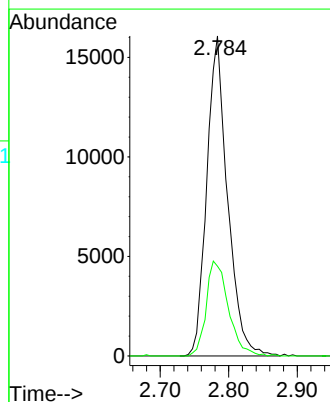
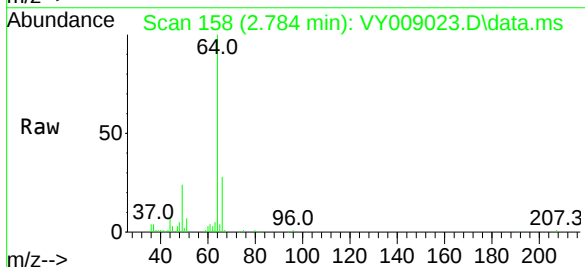
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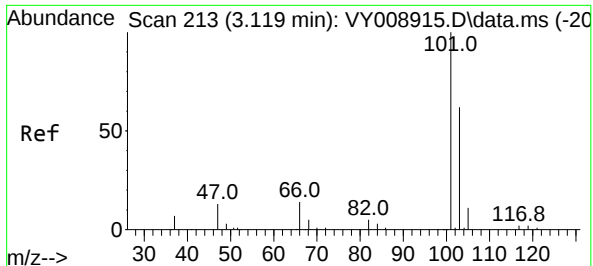
Tgt Ion: 94 Resp: 52899
Ion Ratio Lower Upper
94 100
96 94.0 73.5 110.3



#6
Chloroethane
Concen: 25.263 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 64 Resp: 33844
Ion Ratio Lower Upper
64 100
66 28.1 25.4 38.0

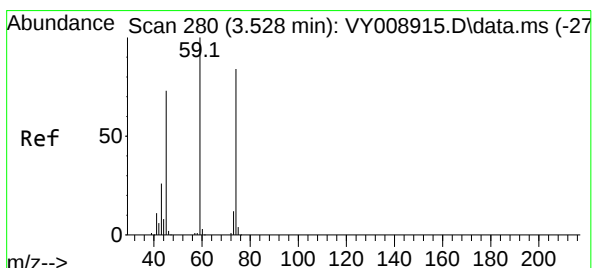
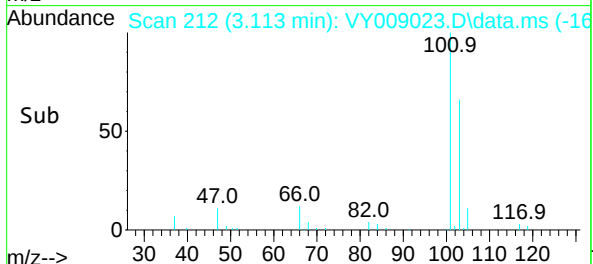
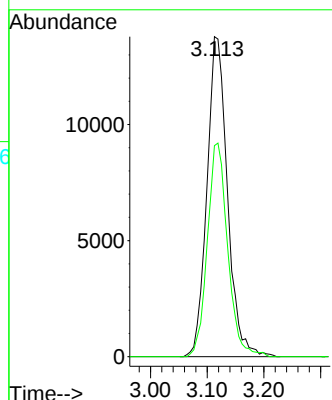
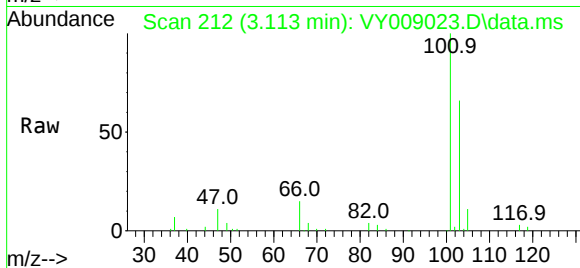




#7
Trichlorofluoromethane
Concen: 21.586 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

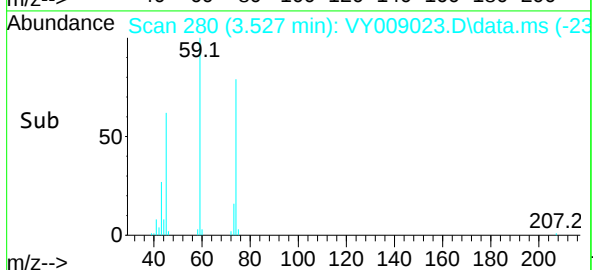
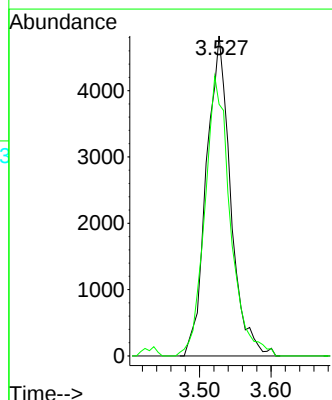
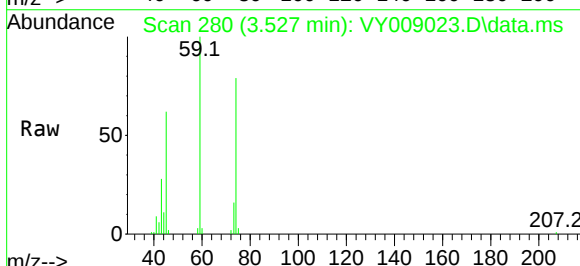
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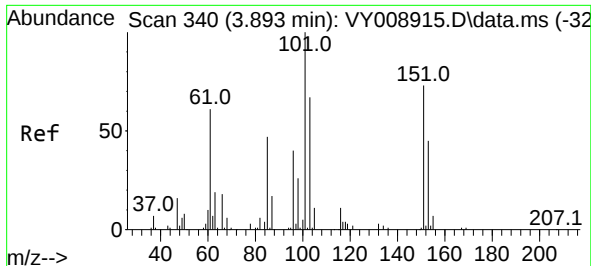
Tgt Ion:101 Resp: 34665
Ion Ratio Lower Upper
101 100
103 66.0 48.0 72.0



#8
Diethyl Ether
Concen: 22.573 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 74 Resp: 11335
Ion Ratio Lower Upper
74 100
45 92.0 55.1 165.5

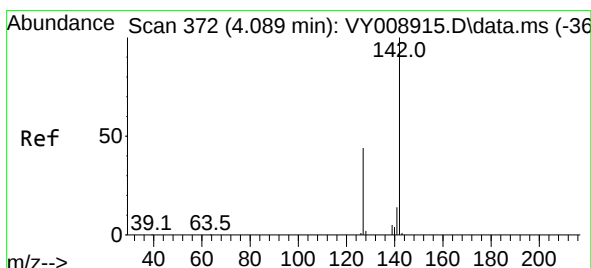
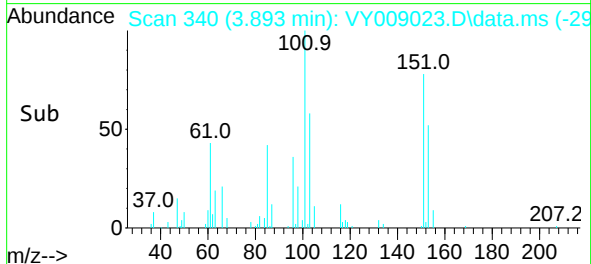
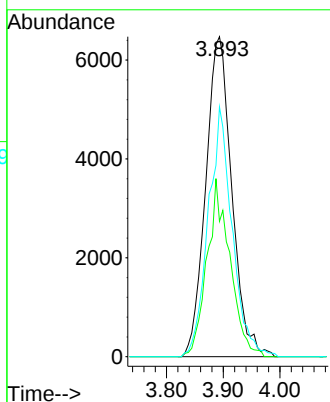
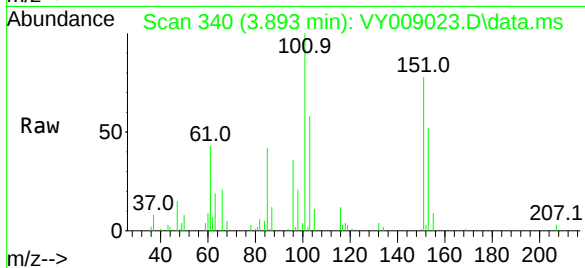




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.980 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

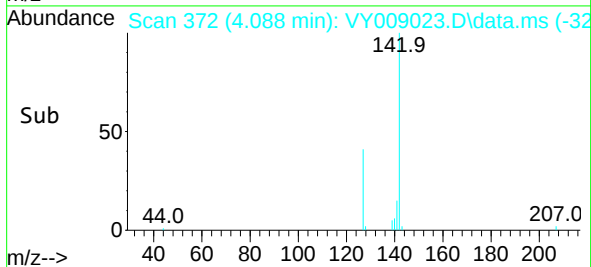
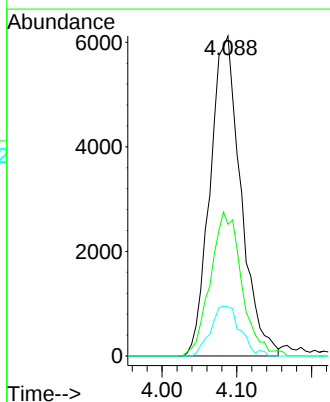
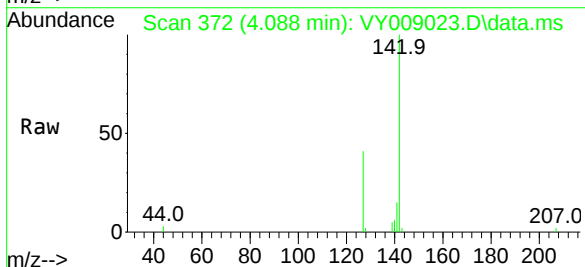
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion:101 Resp: 20707
Ion Ratio Lower Upper
101 100
85 48.9 40.6 60.8
151 72.0 64.9 97.3



#10
Methyl Iodide
Concen: 17.130 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion:142 Resp: 17458
Ion Ratio Lower Upper
142 100
127 46.0 41.5 62.3
141 15.1 11.9 17.9

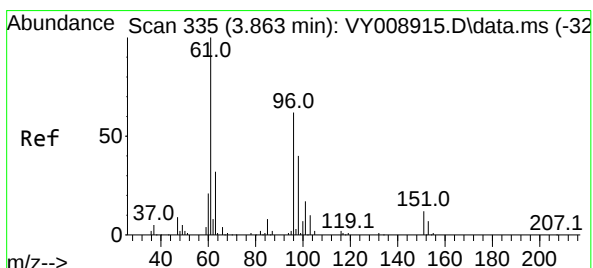
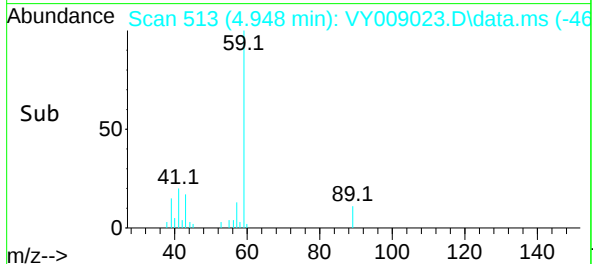
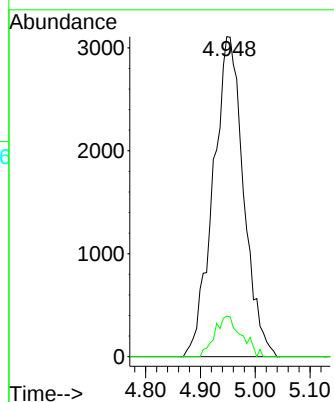
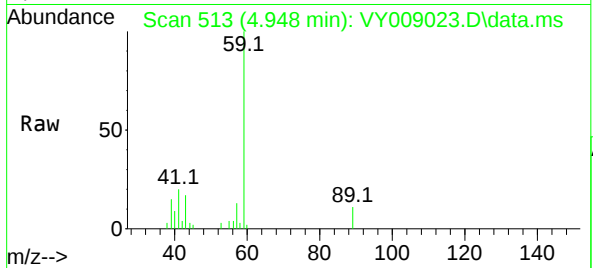




#11
Tert butyl alcohol
Concen: 118.044 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

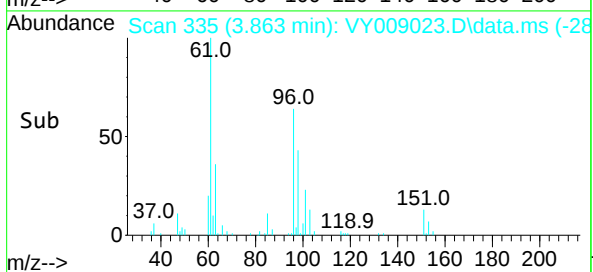
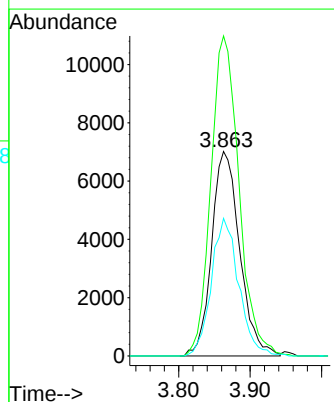
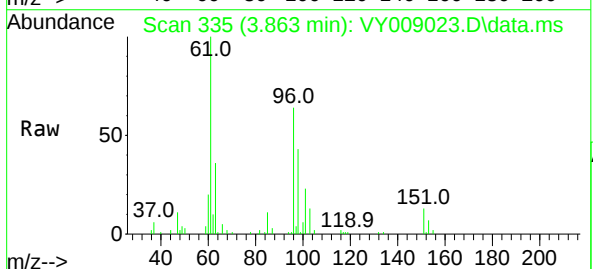
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

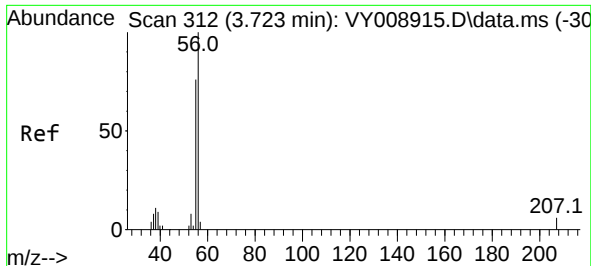
Tgt Ion: 59 Resp: 12004
Ion Ratio Lower Upper
59 100
57 11.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 20.844 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 96 Resp: 19098
Ion Ratio Lower Upper
96 100
61 156.5 145.8 218.6
98 67.3 52.5 78.7





#13

Acrolein

Concen: 149.765 ug/l

RT: 3.716 min Scan# 31

Delta R.T. -0.007 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

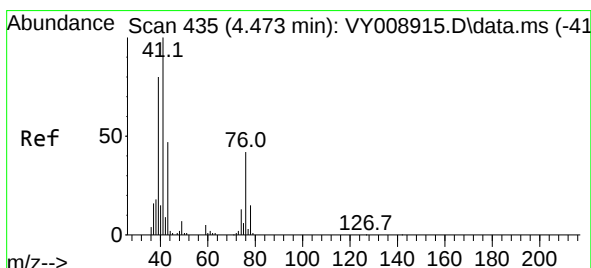
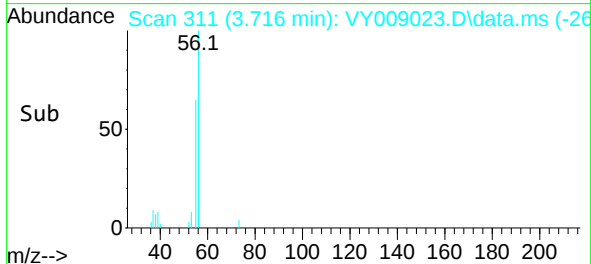
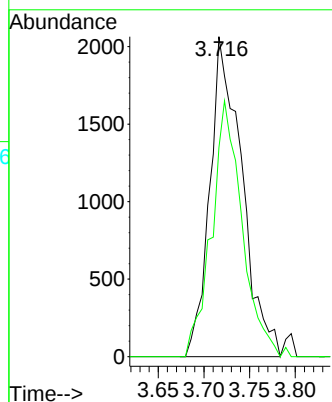
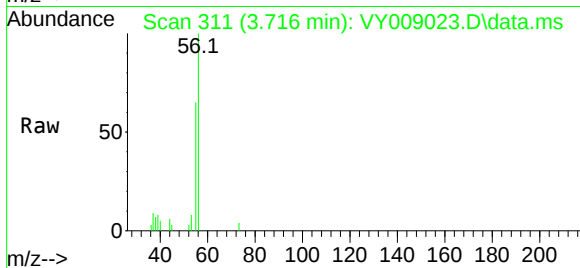
VY0523SBS02

Tgt Ion: 56 Resp: 5013

Ion Ratio Lower Upper

56 100

55 76.4 57.6 86.4



#14

Allyl chloride

Concen: 20.306 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.007 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

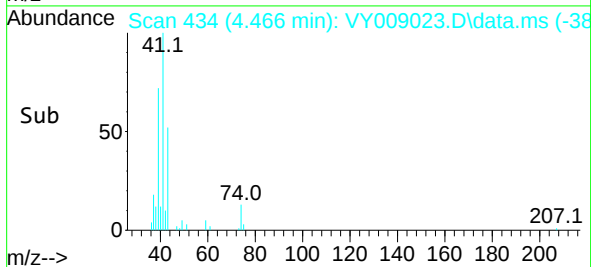
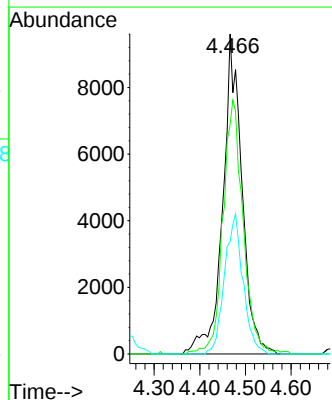
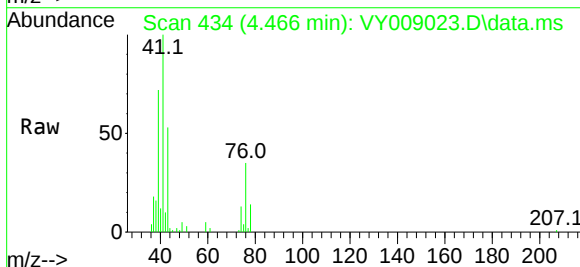
Tgt Ion: 41 Resp: 28038

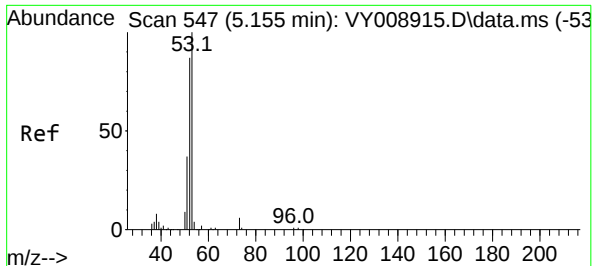
Ion Ratio Lower Upper

41 100

39 83.3 58.8 88.2

76 42.2 25.1 37.7#

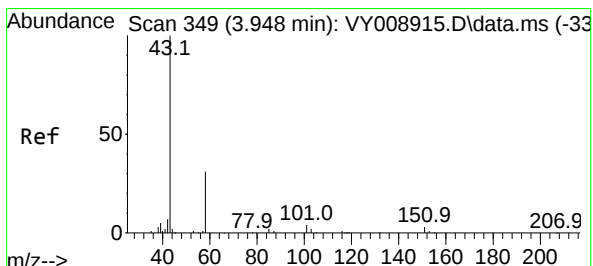
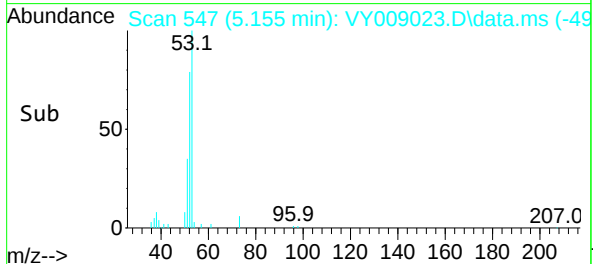
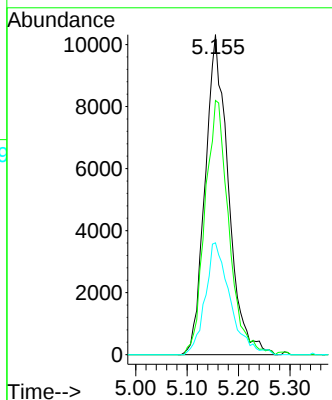
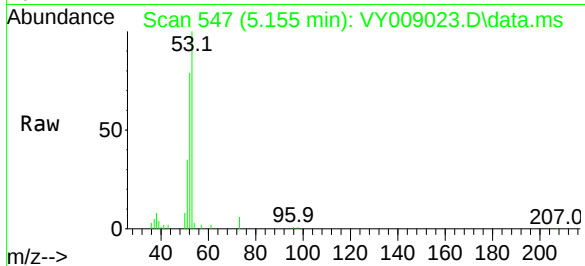




#15
Acrylonitrile
Concen: 115.239 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

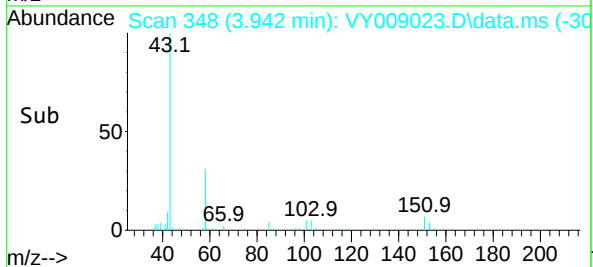
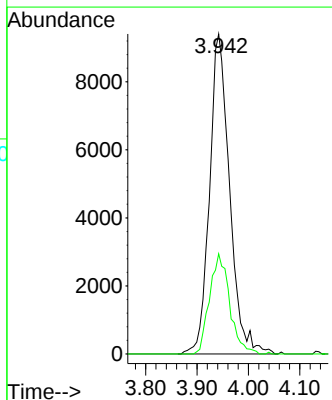
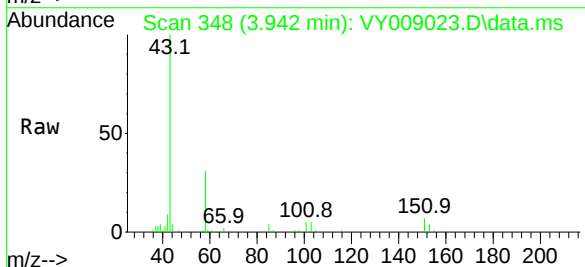
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

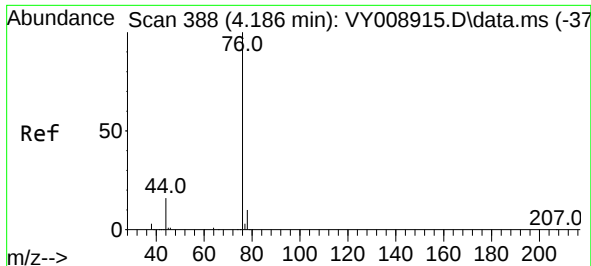
Tgt Ion: 53 Resp: 32400
Ion Ratio Lower Upper
53 100
52 81.4 67.0 100.4
51 37.5 29.8 44.6



#16
Acetone
Concen: 122.034 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 43 Resp: 25467
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0

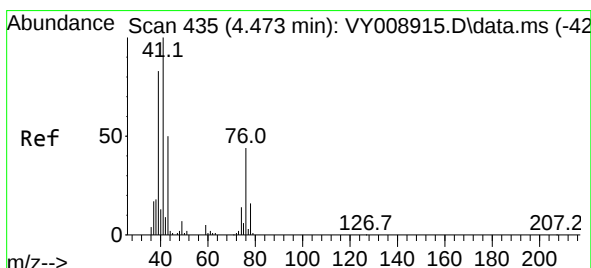
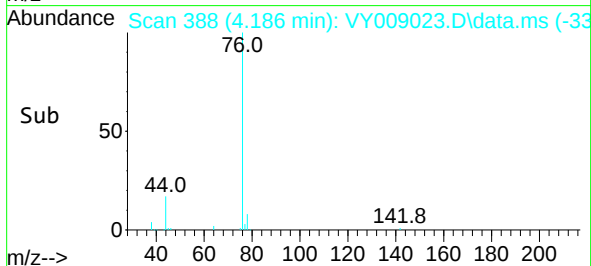
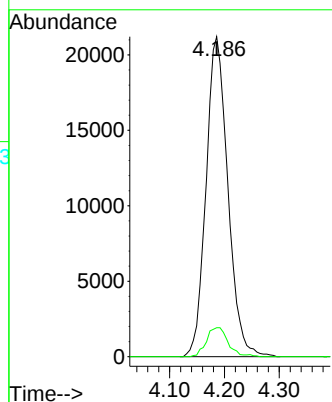
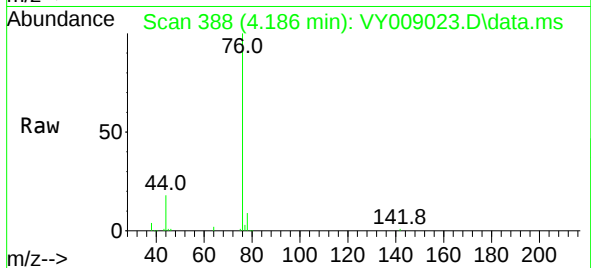




#17
Carbon Disulfide
Concen: 19.577 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

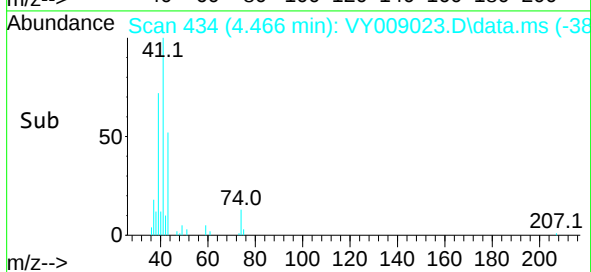
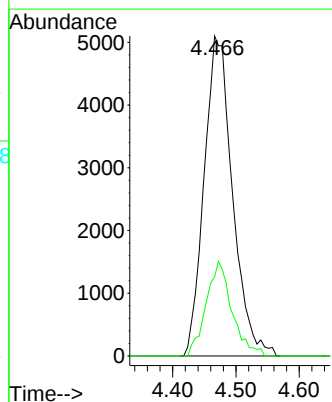
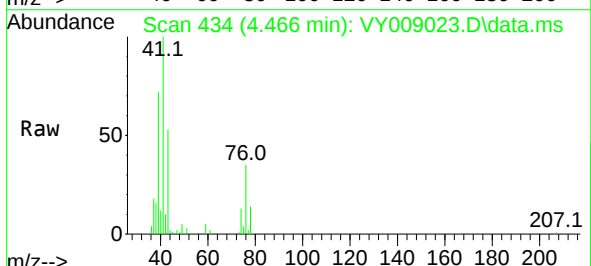
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

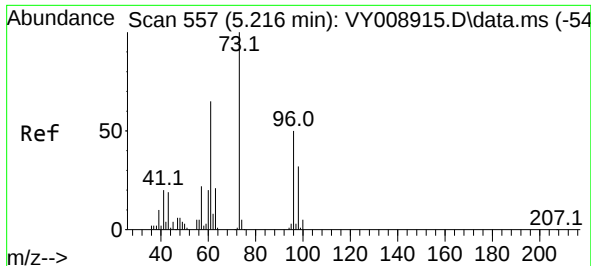
Tgt Ion: 76 Resp: 58602
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 24.493 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 43 Resp: 15917
Ion Ratio Lower Upper
43 100
74 26.8 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 21.223 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

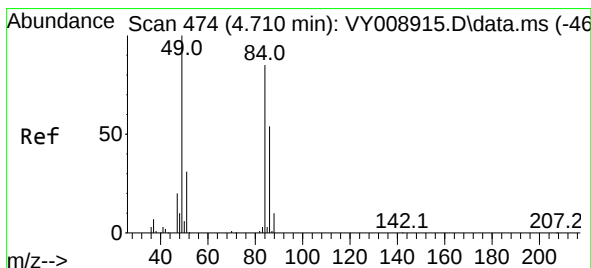
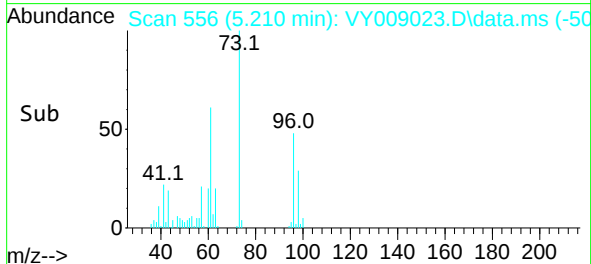
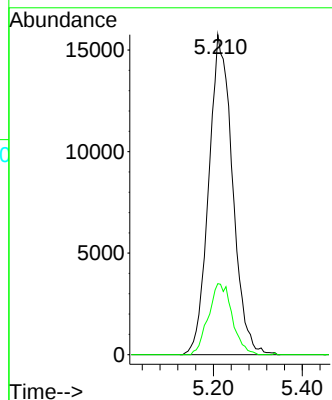
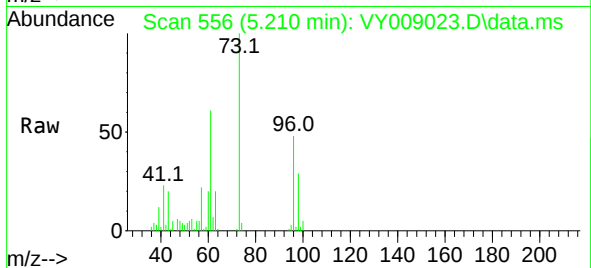
VY0523SBS02

Tgt Ion: 73 Resp: 58366

Ion Ratio Lower Upper

73 100

57 22.2 18.6 27.8



#20

Methylene Chloride

Concen: 25.207 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Tgt Ion: 84 Resp: 34052

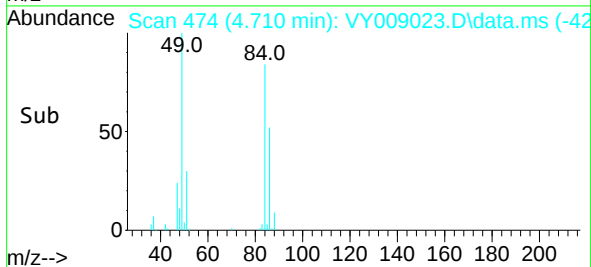
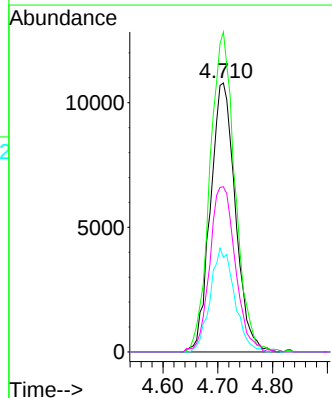
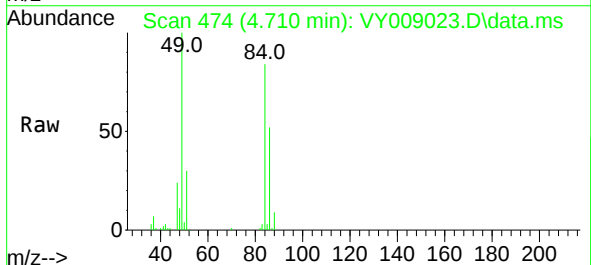
Ion Ratio Lower Upper

84 100

49 119.0 114.4 171.6

51 35.2 35.3 52.9#

86 61.4 53.7 80.5

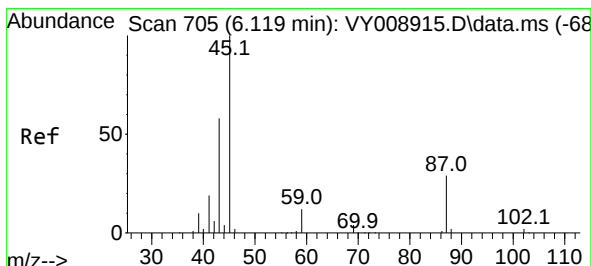
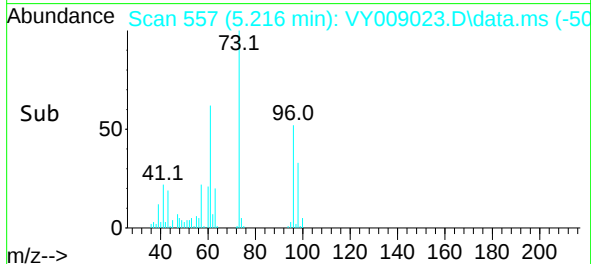
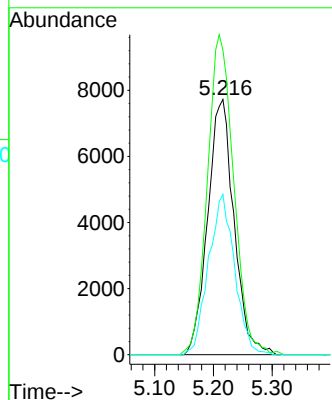
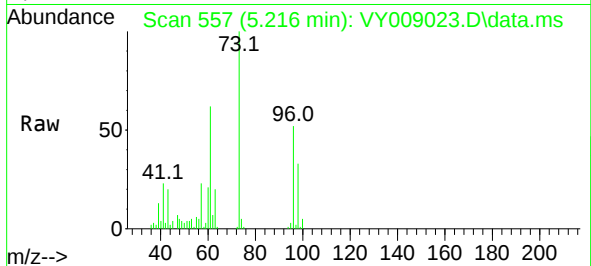




#21
trans-1,2-Dichloroethene
Concen: 20.443 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

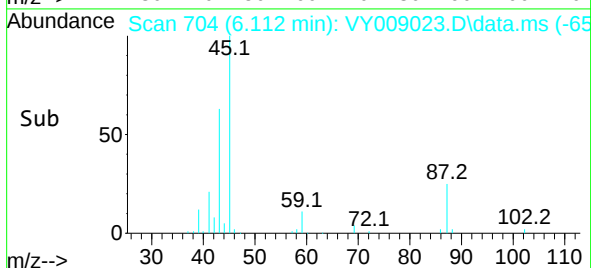
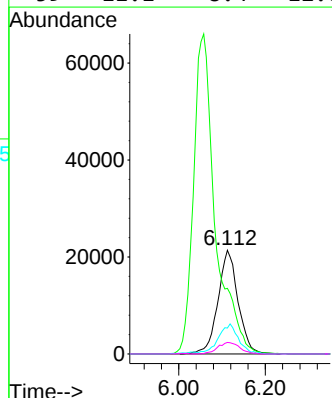
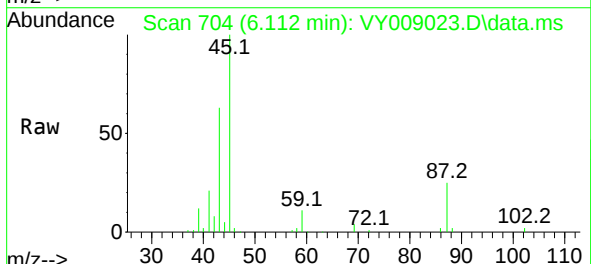
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

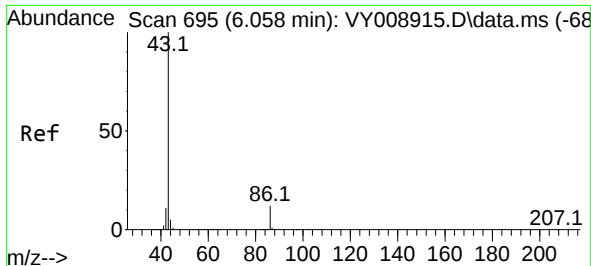
Tgt Ion: 96 Resp: 24041
Ion Ratio Lower Upper
96 100
61 119.3 120.5 180.7#
98 62.8 49.8 74.8



#22
Diisopropyl ether
Concen: 20.818 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.007 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 45 Resp: 69058
Ion Ratio Lower Upper
45 100
43 62.9 49.3 73.9
87 25.1 19.2 28.8
59 11.1 8.4 12.6

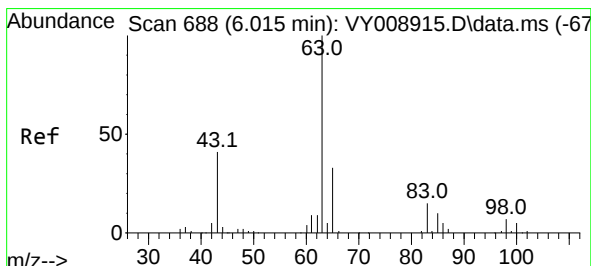
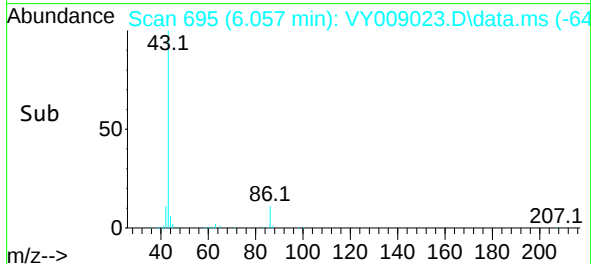
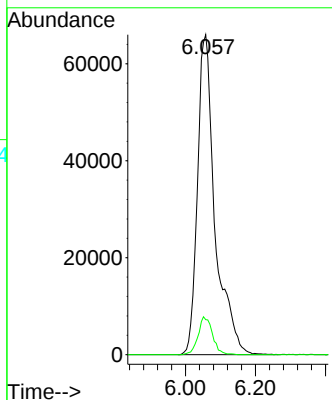
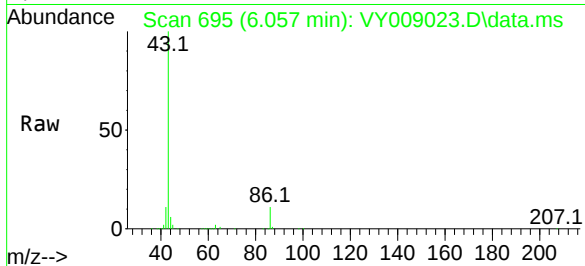




#23
 Vinyl Acetate
 Concen: 104.699 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY009023.D
 Acq: 23 May 2022 22:29

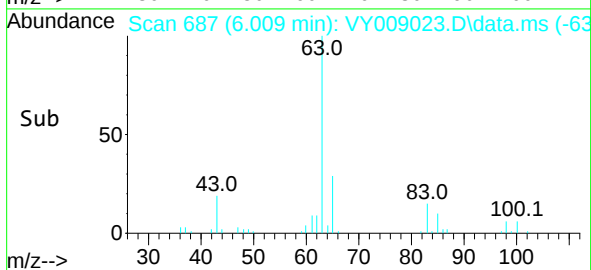
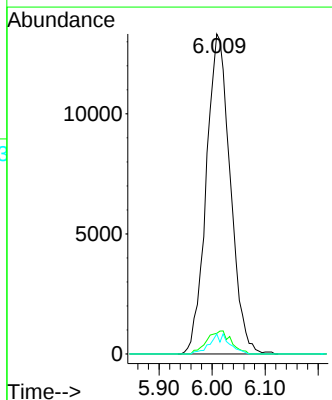
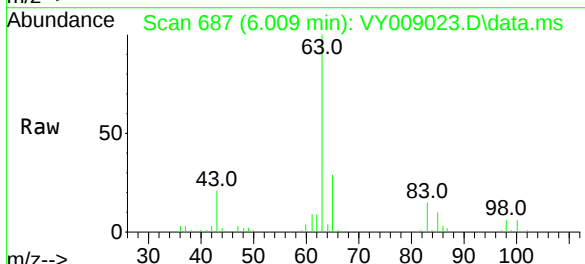
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

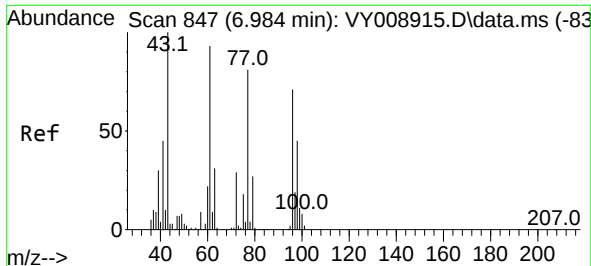
Tgt Ion: 43 Resp: 229745
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.120 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009023.D
 Acq: 23 May 2022 22:29

Tgt Ion: 63 Resp: 41905
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 6.2 2.0 5.8#





#25

2-Butanone

Concen: 111.451 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

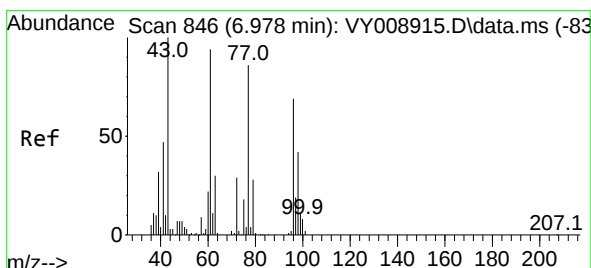
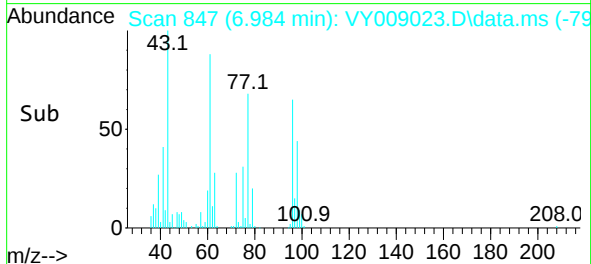
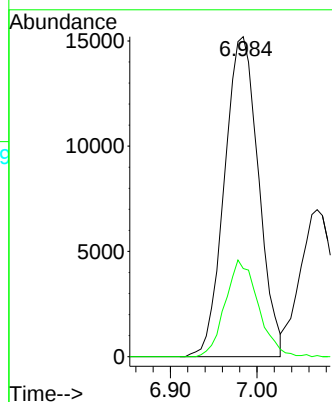
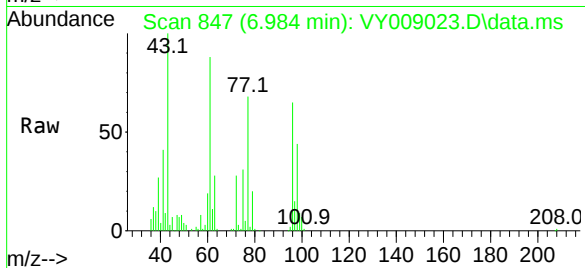
VY0523SBS02

Tgt Ion: 43 Resp: 41542

Ion Ratio Lower Upper

43 100

72 27.6 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 18.528 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009023.D

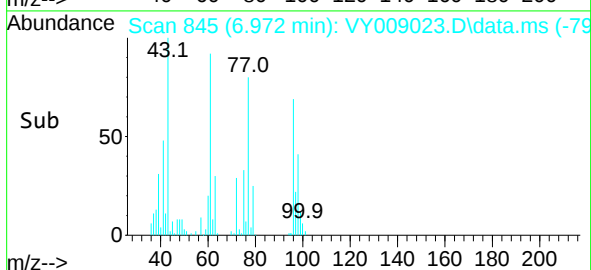
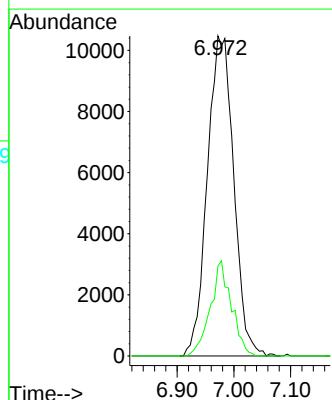
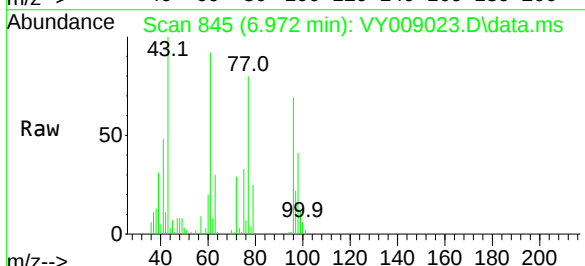
Acq: 23 May 2022 22:29

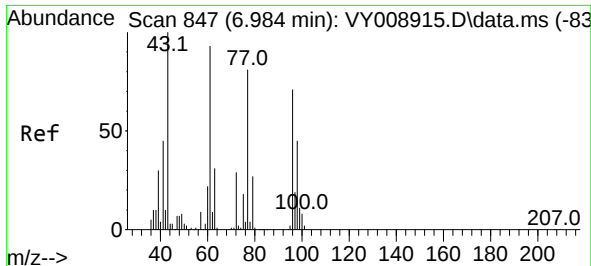
Tgt Ion: 77 Resp: 33864

Ion Ratio Lower Upper

77 100

97 23.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 20.548 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

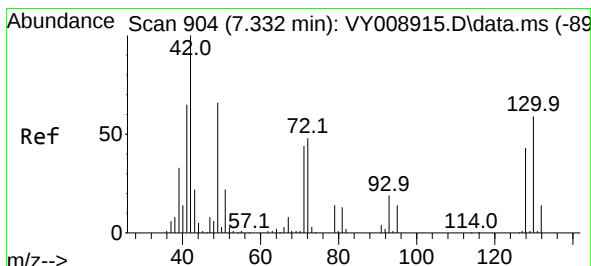
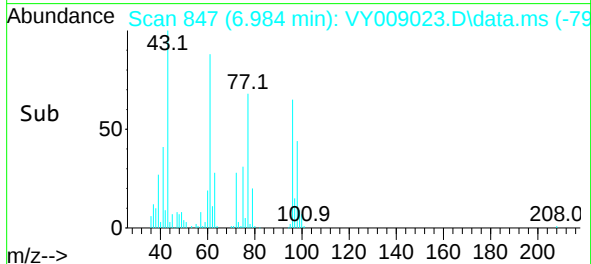
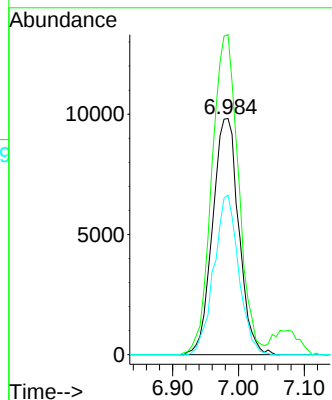
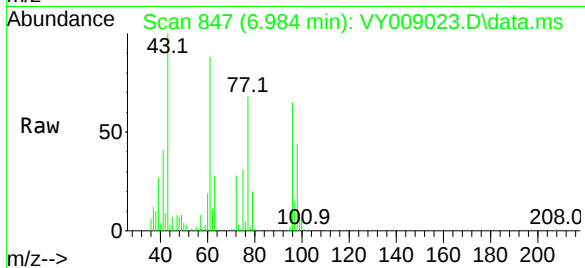
Tgt Ion: 96 Resp: 27240

Ion Ratio Lower Upper

96 100

61 137.9 0.0 319.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 23.686 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.007 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

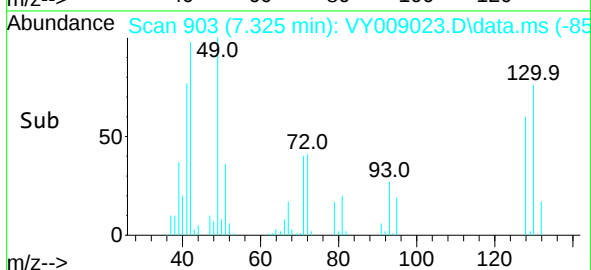
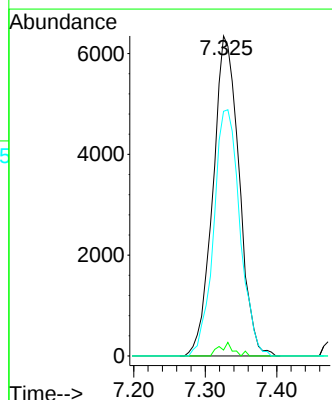
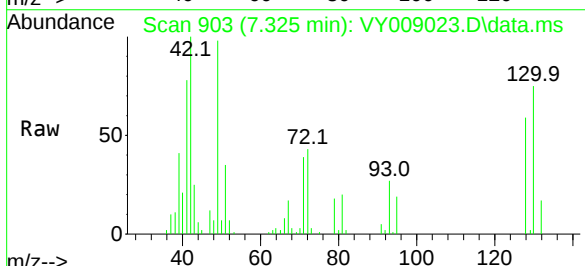
Tgt Ion: 49 Resp: 16131

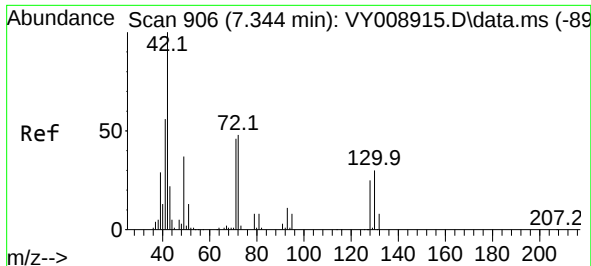
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 77.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 114.039 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

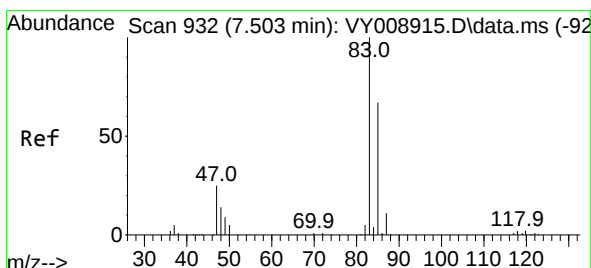
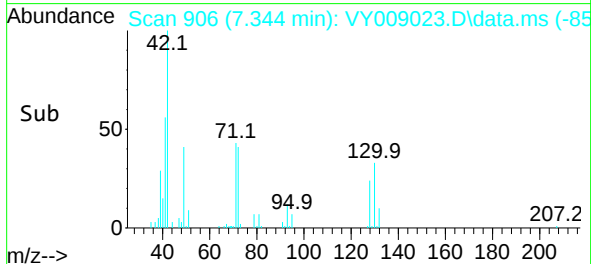
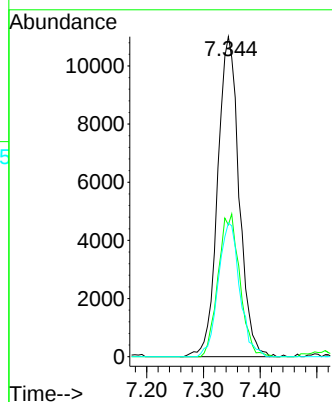
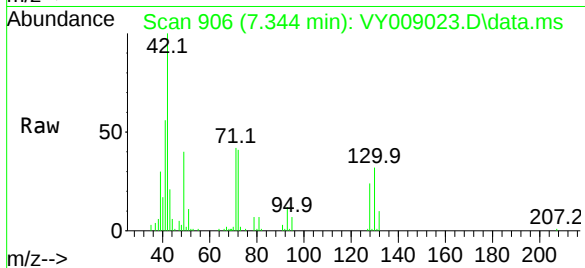
Tgt Ion: 42 Resp: 28874

Ion Ratio Lower Upper

42 100

72 45.1 30.3 45.5

71 41.9 29.0 43.4



#30

Chloroform

Concen: 20.863 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY009023.D

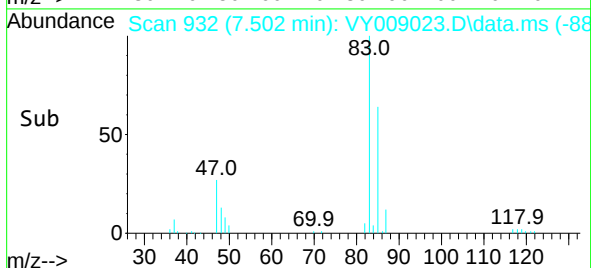
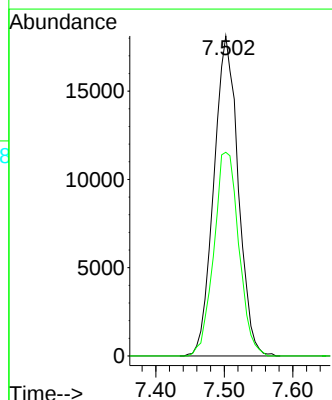
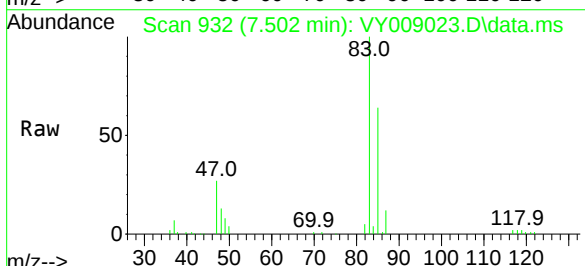
Acq: 23 May 2022 22:29

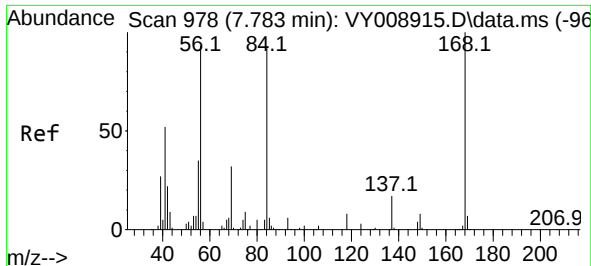
Tgt Ion: 83 Resp: 44684

Ion Ratio Lower Upper

83 100

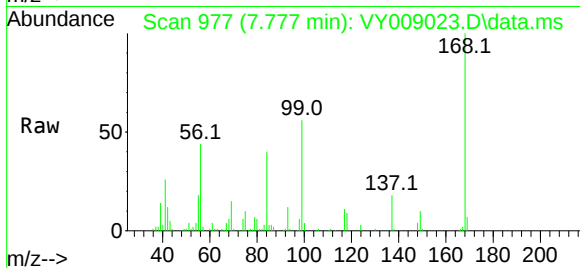
85 63.6 51.8 77.6



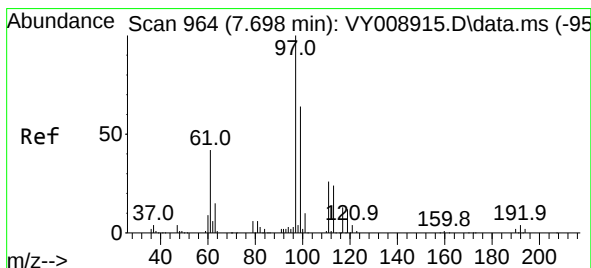
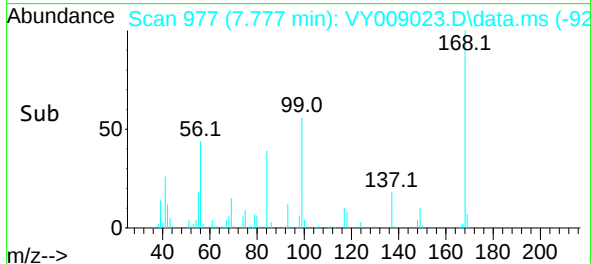
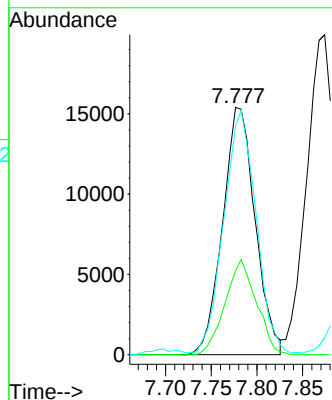


#31
Cyclohexane
Concen: 19.481 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

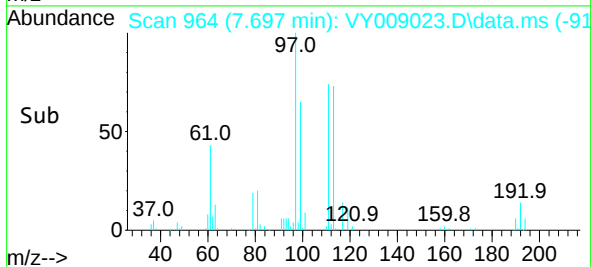
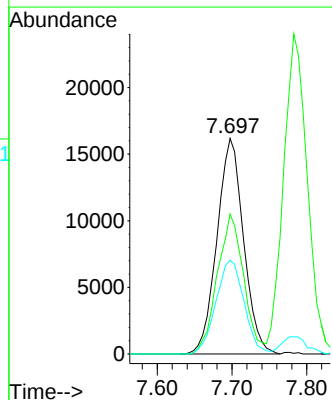
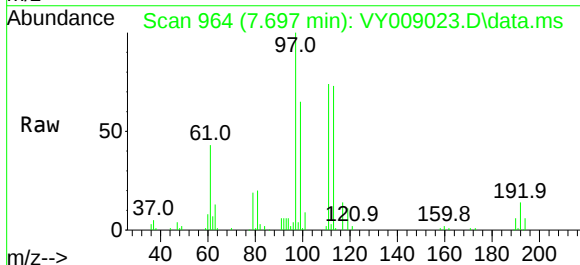


Tgt Ion: 56 Resp: 38208
Ion Ratio Lower Upper
56 100
69 33.9 26.7 40.1
84 90.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 20.591 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 97 Resp: 40010
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 45.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 44.812 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

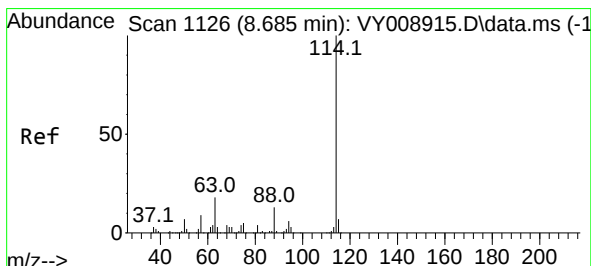
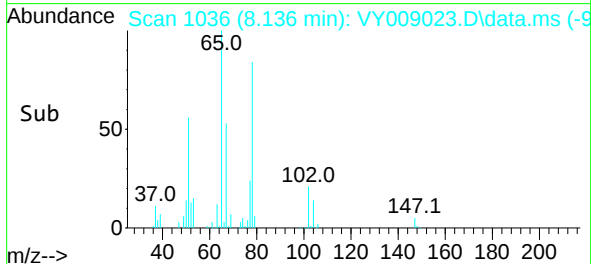
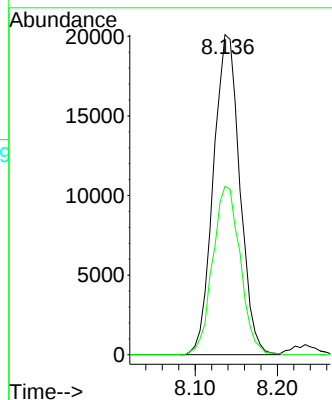
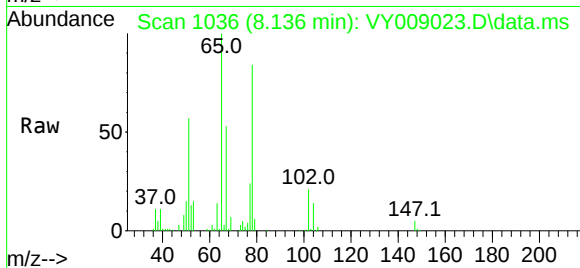
VY0523SBS02

Tgt Ion: 65 Resp: 44926

Ion Ratio Lower Upper

65 100

67 54.8 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: VY009023.D

Acq: 23 May 2022 22:29

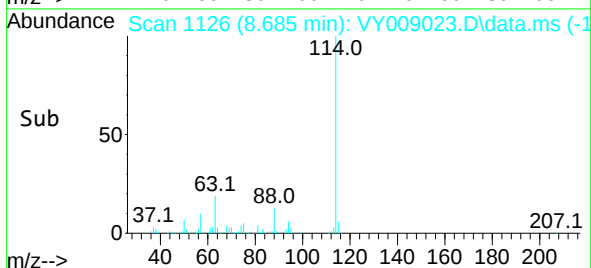
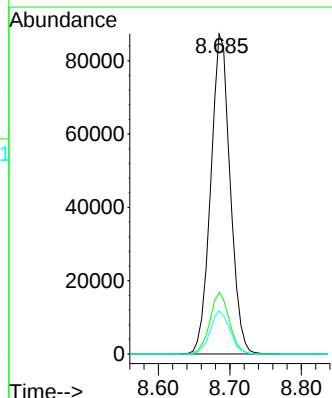
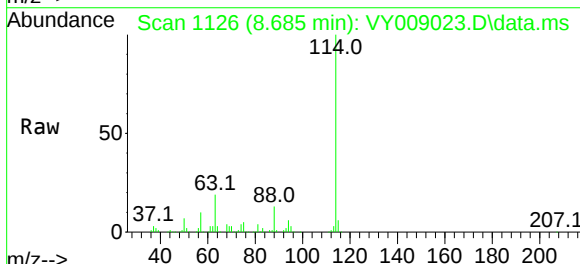
Tgt Ion: 114 Resp: 164277

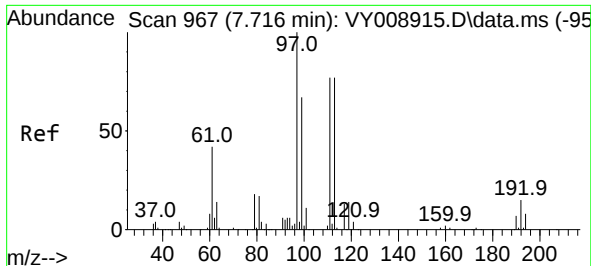
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.4 0.0 31.8

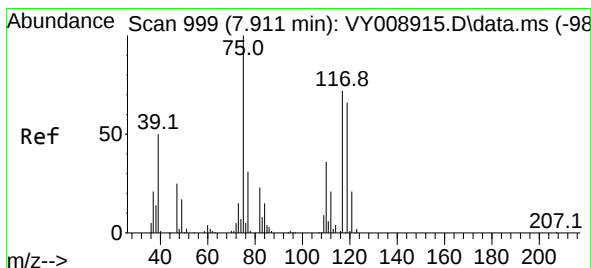
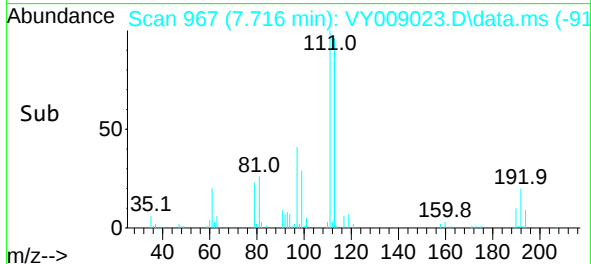
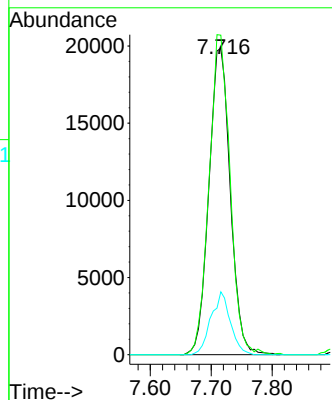
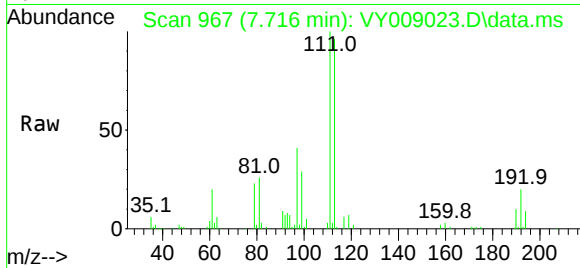




#35
Dibromofluoromethane
Concen: 47.368 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

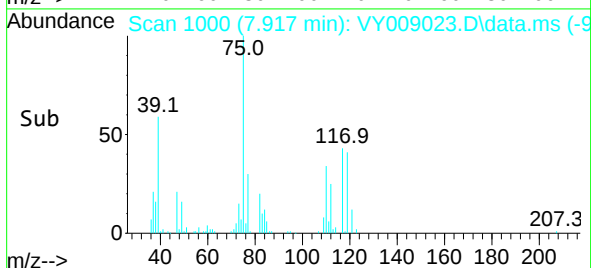
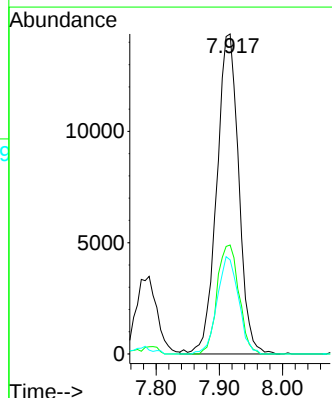
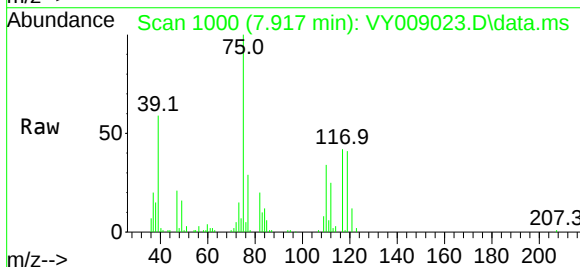
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion:113 Resp: 48388
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 19.905 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 75 Resp: 34604
Ion Ratio Lower Upper
75 100
110 33.7 17.1 51.2
77 29.6 24.4 36.6

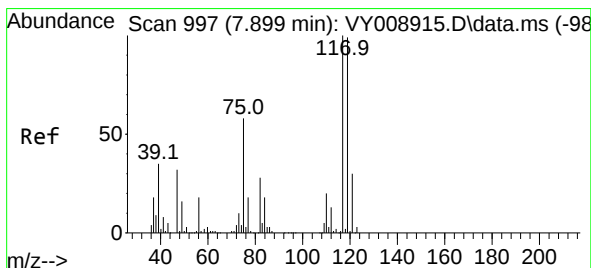
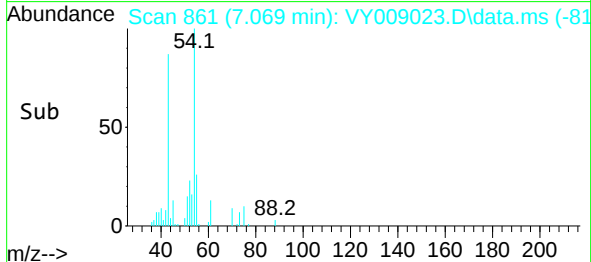
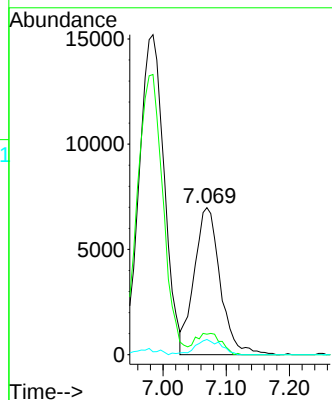
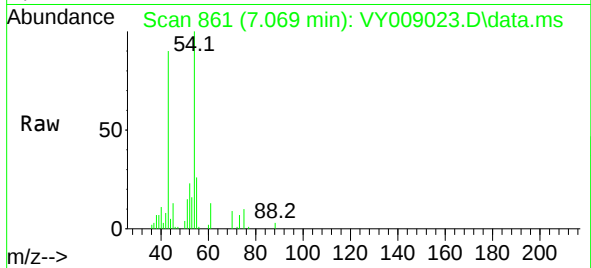




#37
Ethyl Acetate
Concen: 22.217 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

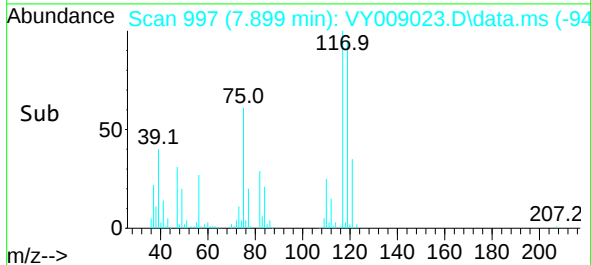
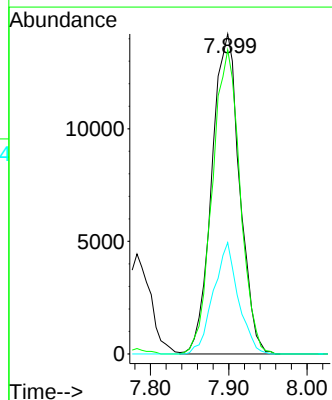
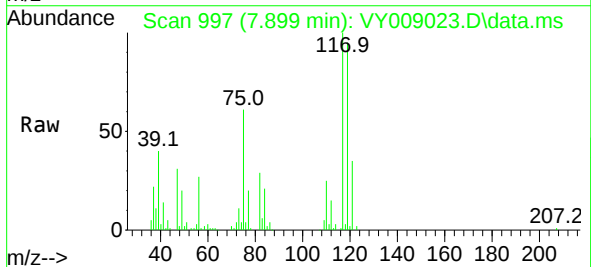
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 43 Resp: 20035
Ion Ratio Lower Upper
43 100
61 14.4 9.7 14.5
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.267 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 117 Resp: 35039
Ion Ratio Lower Upper
117 100
119 95.0 77.9 116.9
121 34.8 24.8 37.2





#39

Methylcyclohexane

Concen: 18.284 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

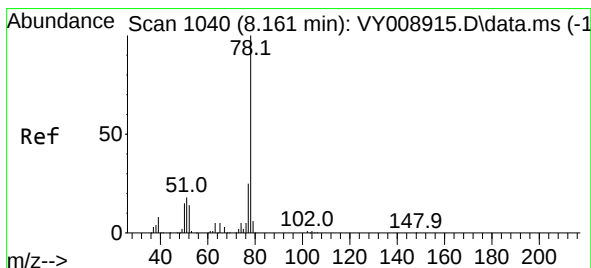
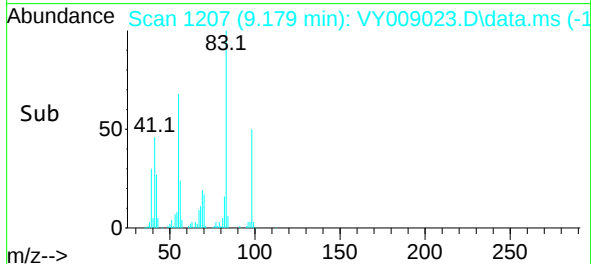
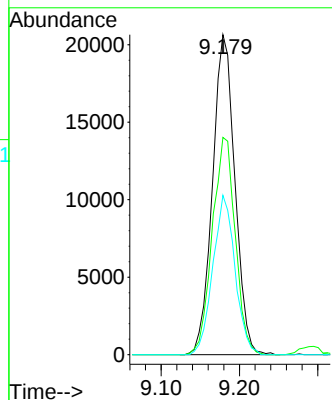
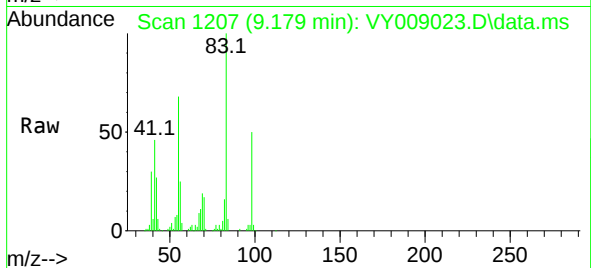
Tgt Ion: 83 Resp: 41029

Ion Ratio Lower Upper

83 100

55 67.9 66.5 99.7

98 49.8 37.9 56.9



#40

Benzene

Concen: 20.114 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY009023.D

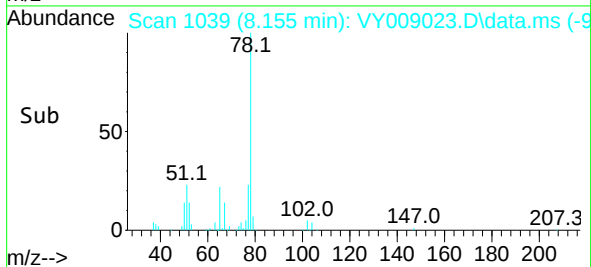
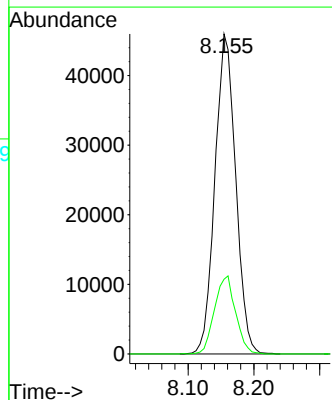
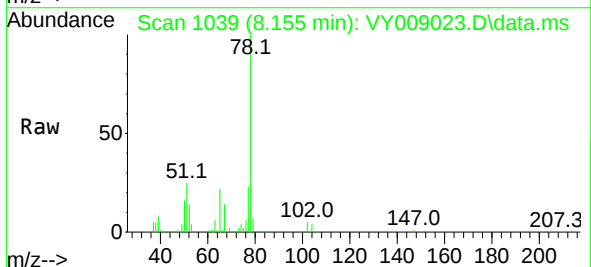
Acq: 23 May 2022 22:29

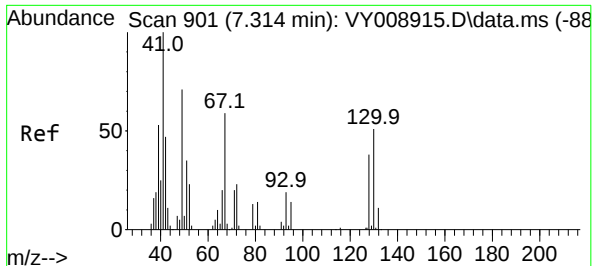
Tgt Ion: 78 Resp: 100834

Ion Ratio Lower Upper

78 100

77 23.3 20.4 30.6

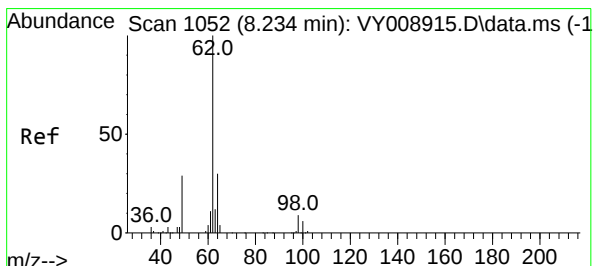
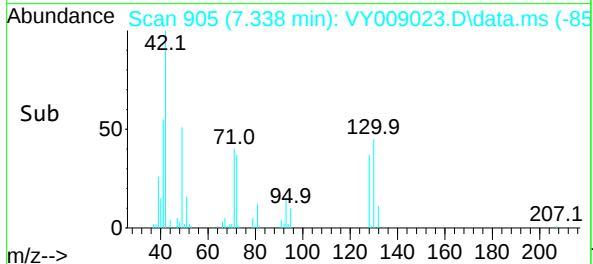
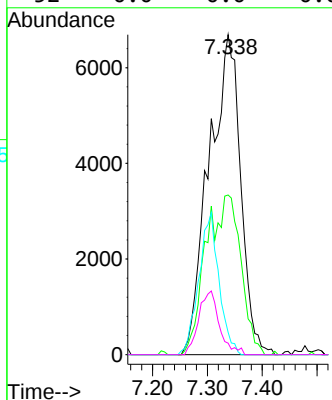
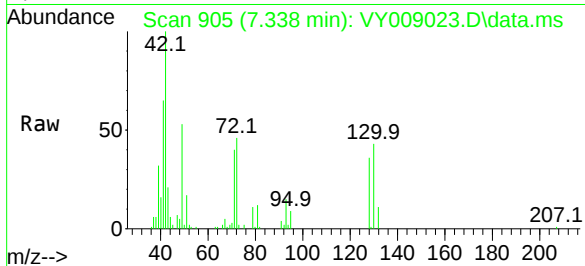




#41
Methacrylonitrile
Concen: 57.357 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

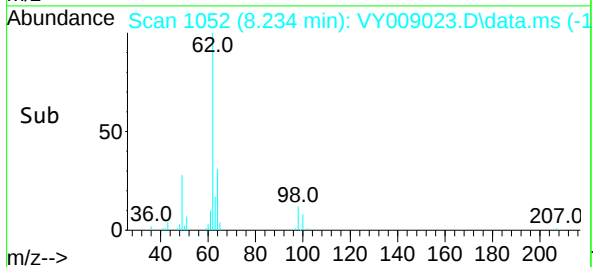
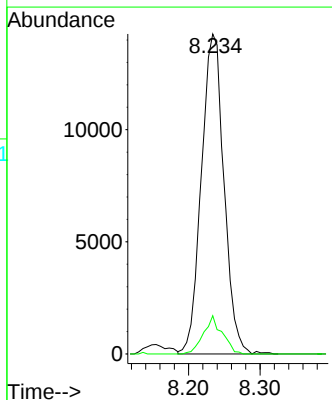
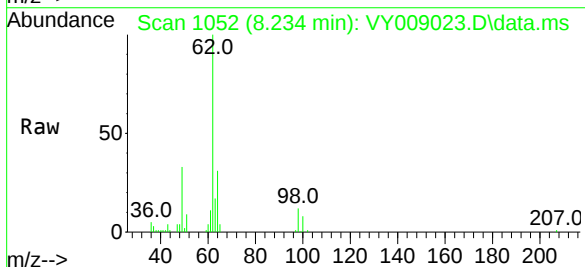
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

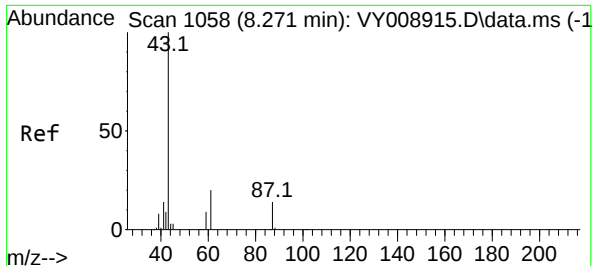
Tgt Ion: 41 Resp: 26691
Ion Ratio Lower Upper
41 100
39 28.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.281 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 62 Resp: 31327
Ion Ratio Lower Upper
62 100
98 9.9 0.0 14.8

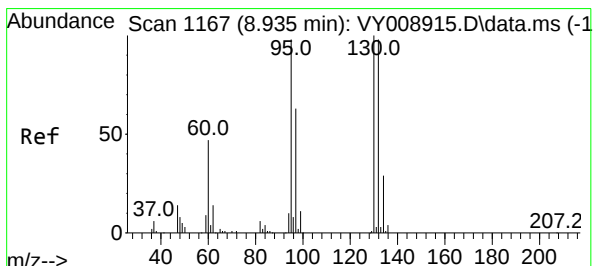
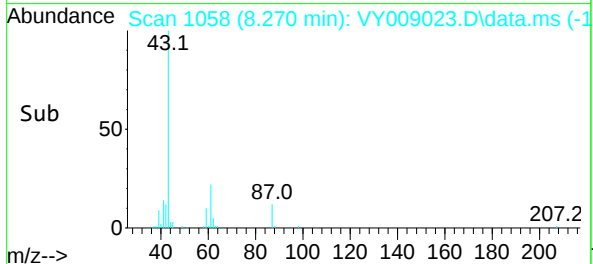
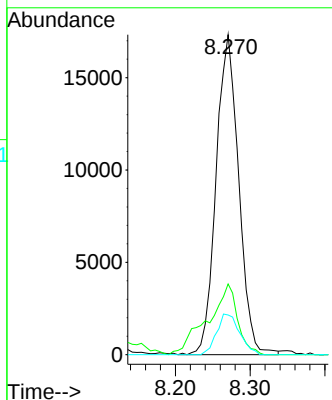
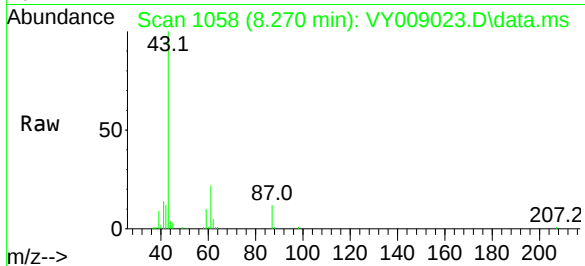




#43
Isopropyl Acetate
Concen: 21.769 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

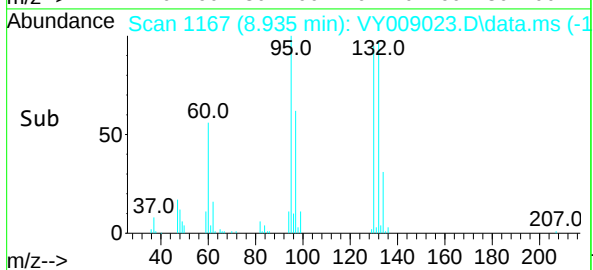
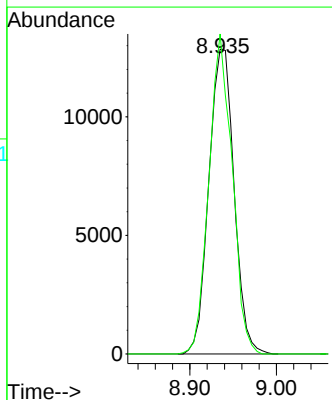
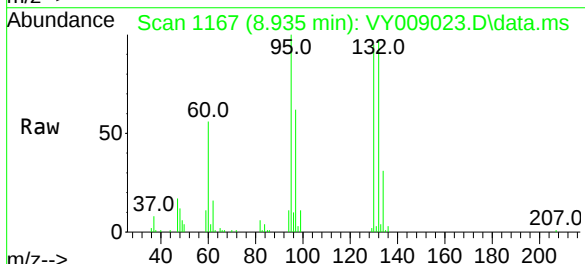
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

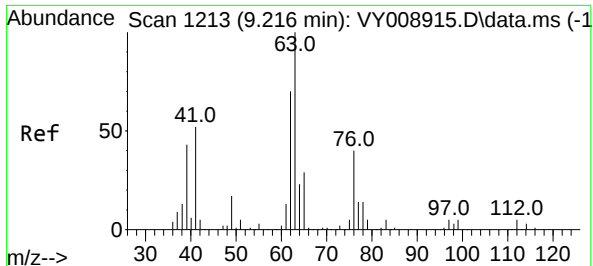
Tgt Ion: 43 Resp: 36502
Ion Ratio Lower Upper
43 100
61 29.2 20.2 30.2
87 12.9 8.9 13.3



#44
Trichloroethene
Concen: 19.594 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 130 Resp: 26008
Ion Ratio Lower Upper
130 100
95 105.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 20.584 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

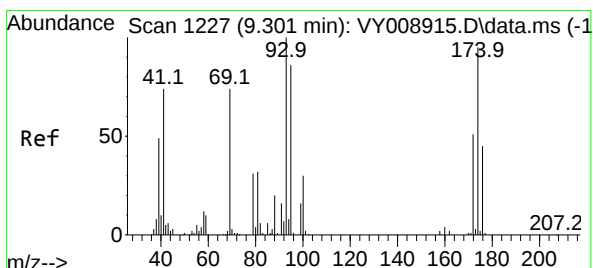
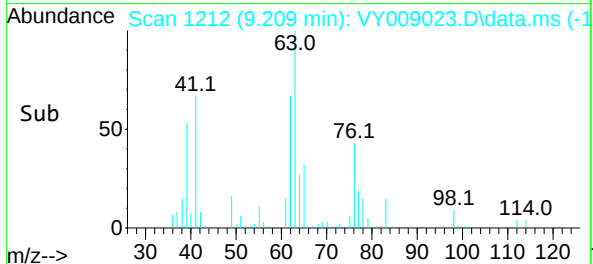
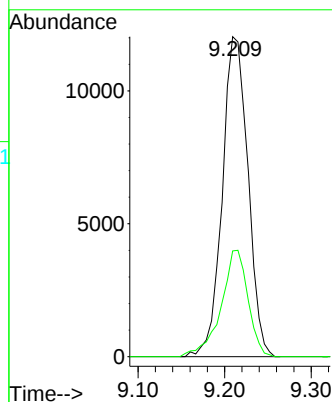
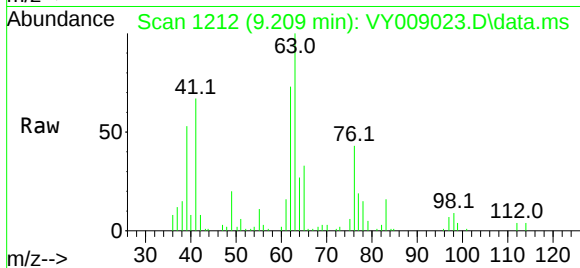
VY0523SBS02

Tgt Ion: 63 Resp: 24777

Ion Ratio Lower Upper

63 100

65 33.1 23.0 34.6



#46

Dibromomethane

Concen: 21.140 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

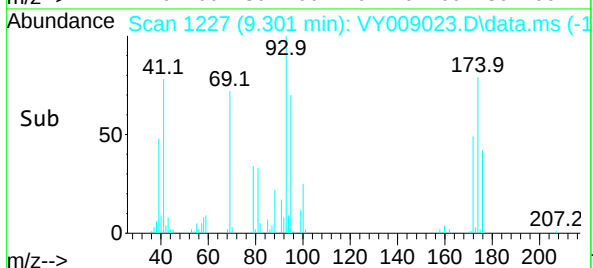
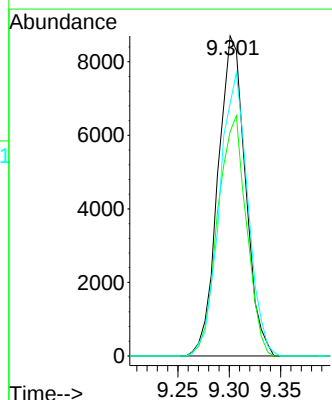
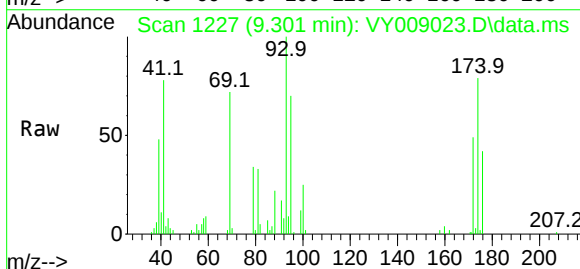
Tgt Ion: 93 Resp: 16180

Ion Ratio Lower Upper

93 100

95 78.0 64.3 96.5

174 90.9 83.4 125.0

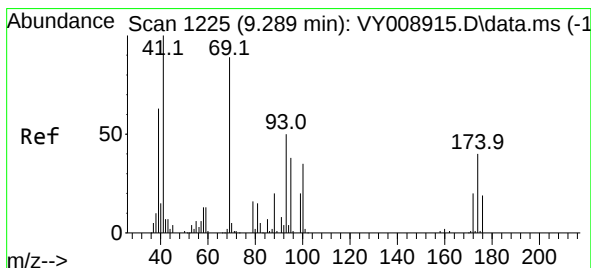
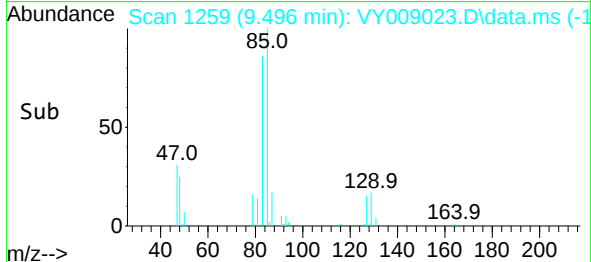
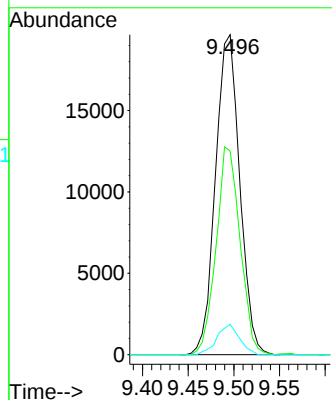
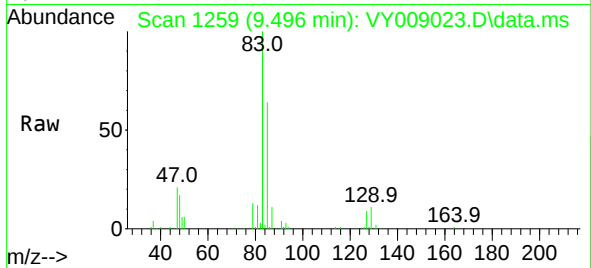




#47
Bromodichloromethane
Concen: 20.783 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

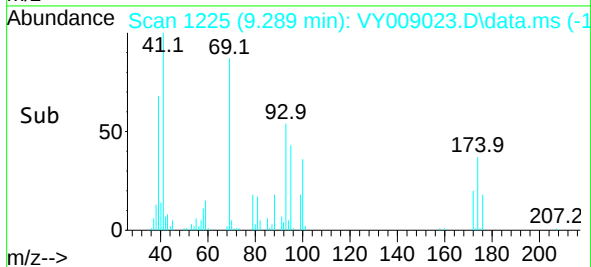
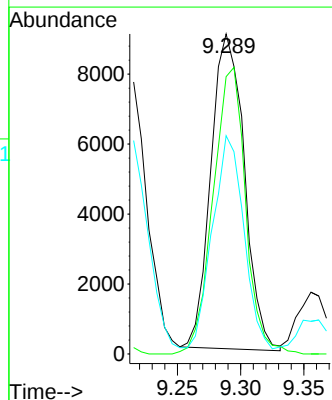
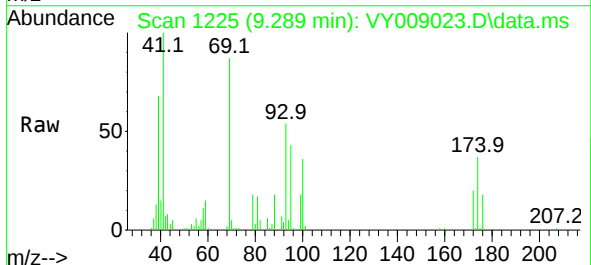
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

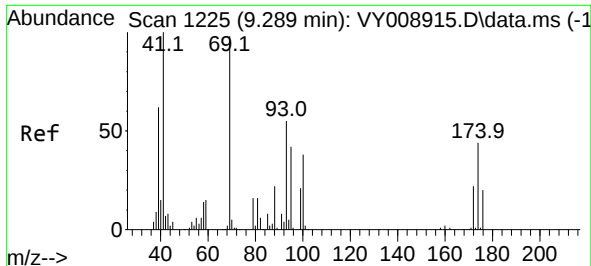
Tgt Ion: 83 Resp: 36355
Ion Ratio Lower Upper
83 100
85 63.7 51.9 77.9
127 9.5 6.6 10.0



#48
Methyl methacrylate
Concen: 22.081 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 41 Resp: 16533
Ion Ratio Lower Upper
41 100
69 88.4 58.2 87.2#
39 63.4 47.4 71.0





#49

1,4-Dioxane

Concen: 421.246 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

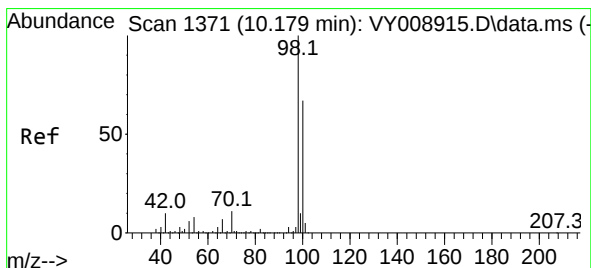
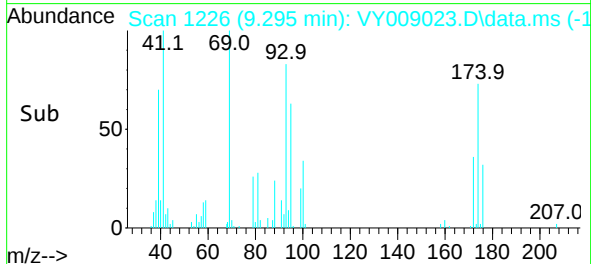
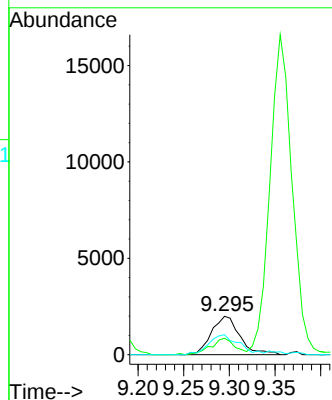
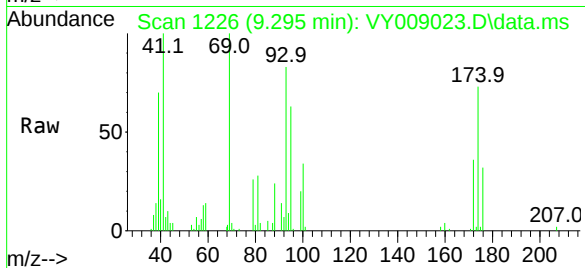
Tgt Ion: 88 Resp: 4310

Ion Ratio Lower Upper

88 100

43 36.8 32.8 49.2

58 55.0 59.8 89.6#



#50

Toluene-d8

Concen: 40.775 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009023.D

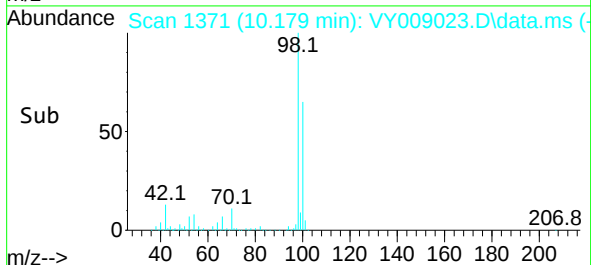
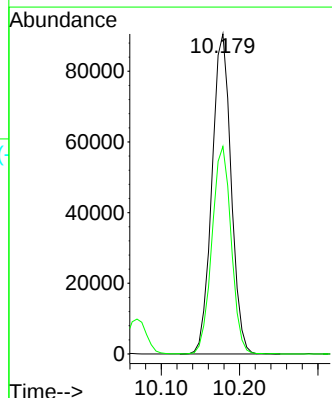
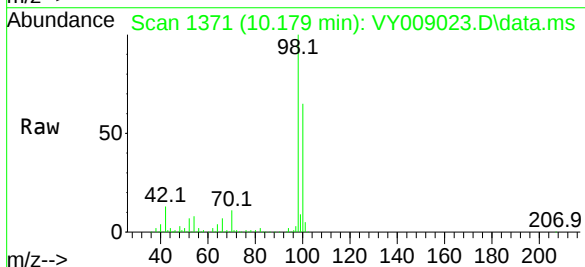
Acq: 23 May 2022 22:29

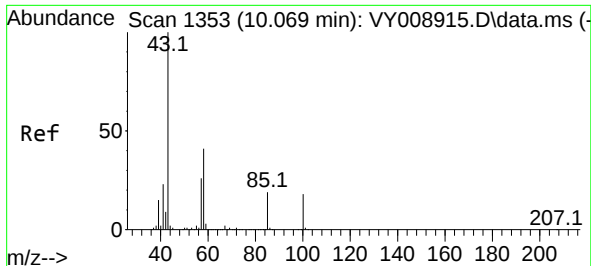
Tgt Ion: 98 Resp: 153666

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

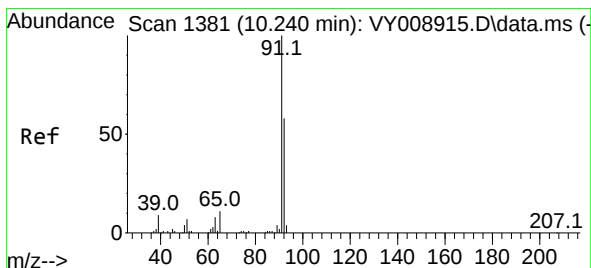
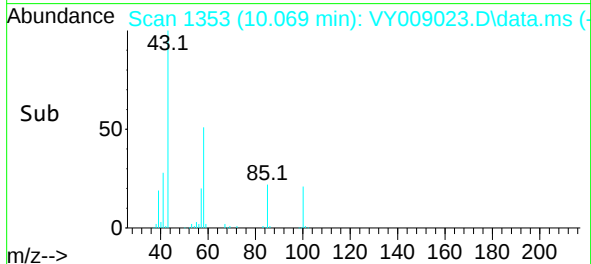
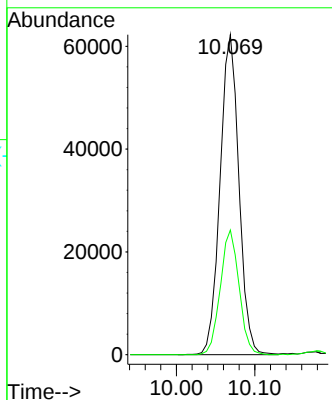
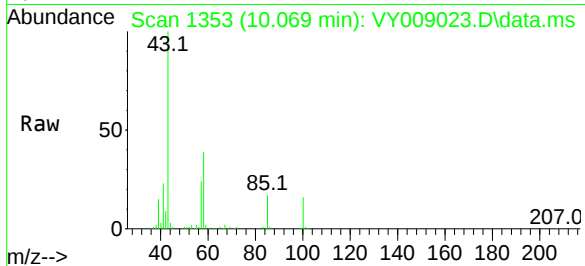




#51
4-Methyl-2-Pentanone
Concen: 112.393 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

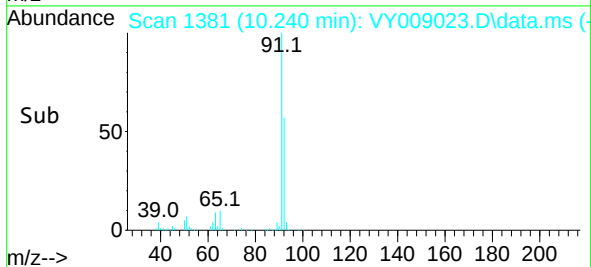
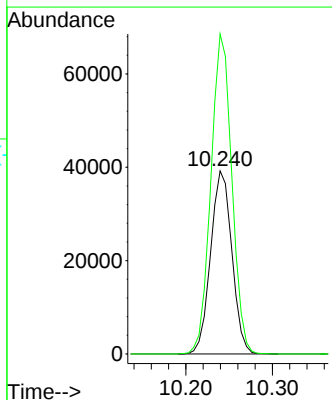
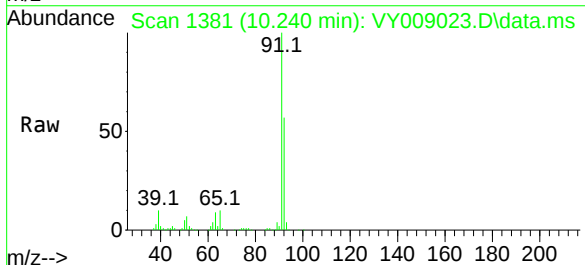
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

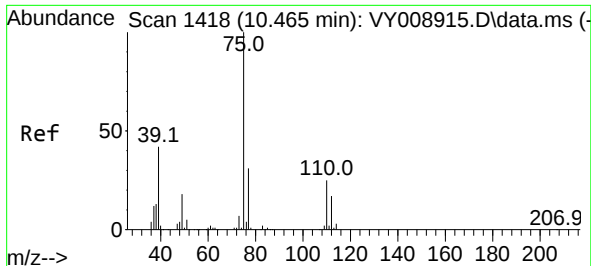
Tgt Ion: 43 Resp: 104300
Ion Ratio Lower Upper
43 100
58 38.6 28.1 42.1



#52
Toluene
Concen: 19.098 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 92 Resp: 66907
Ion Ratio Lower Upper
92 100
91 172.0 142.6 213.8

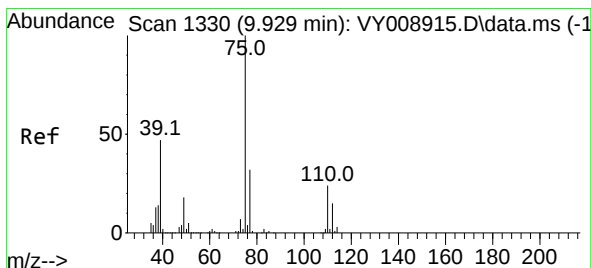
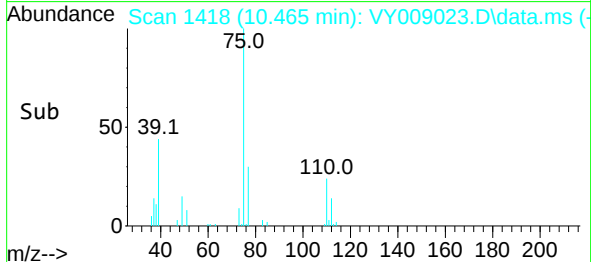
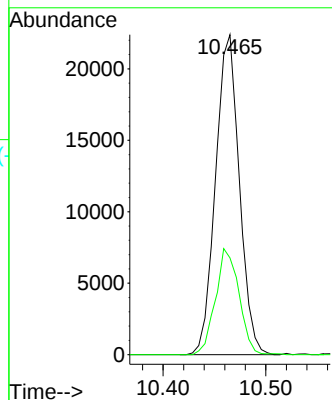
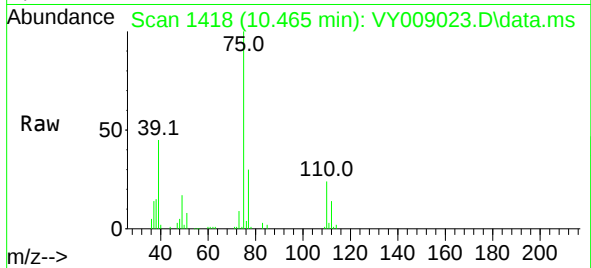




#53
 t-1,3-Dichloropropene
 Concen: 19.367 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY009023.D
 Acq: 23 May 2022 22:29

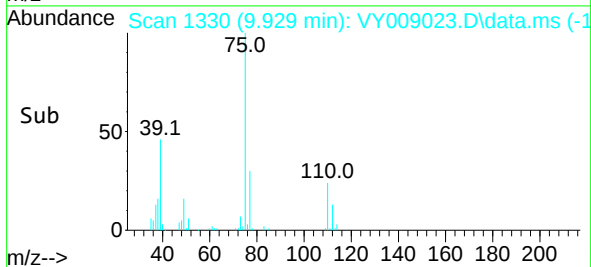
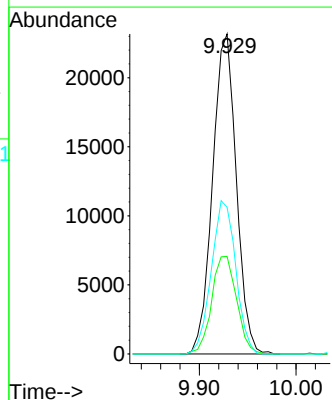
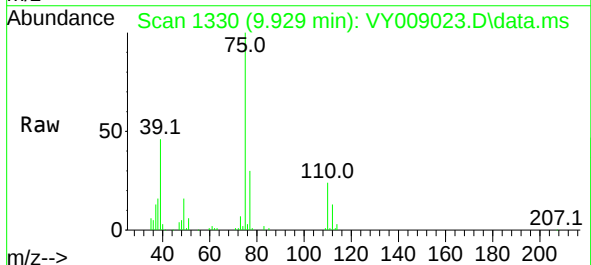
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBS02

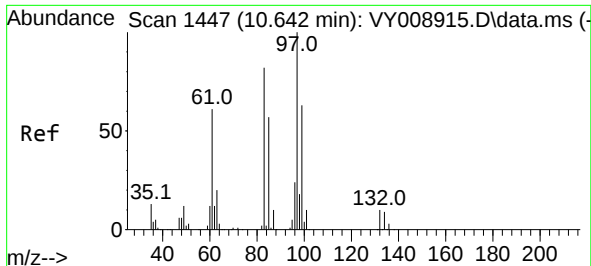
Tgt Ion: 75 Resp: 35976
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.742 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY009023.D
 Acq: 23 May 2022 22:29

Tgt Ion: 75 Resp: 39423
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.6 38.4
 39 45.8 47.6 71.4#

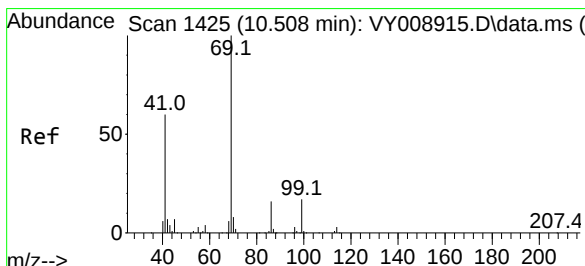
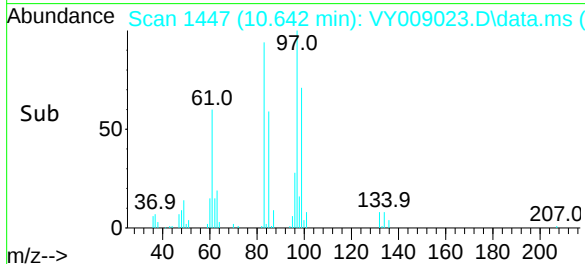
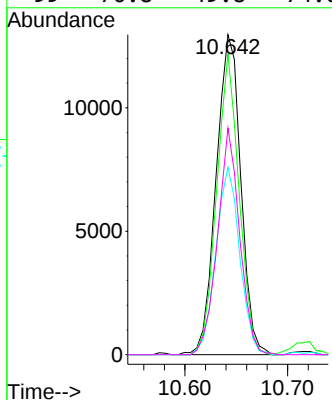
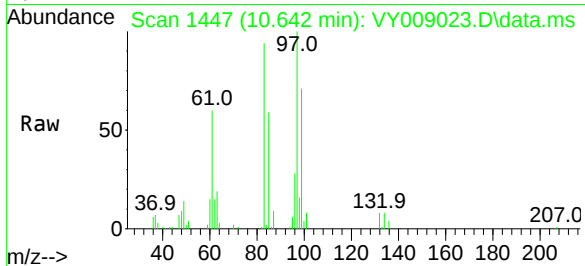




#55
1,1,2-Trichloroethane
Concen: 20.105 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

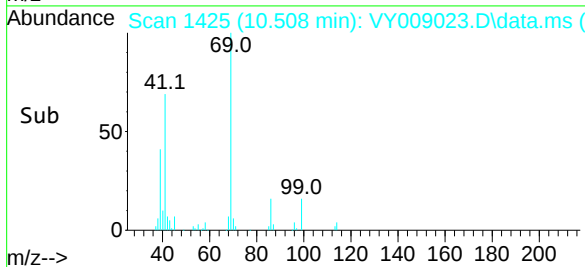
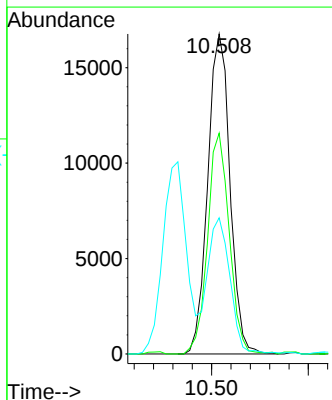
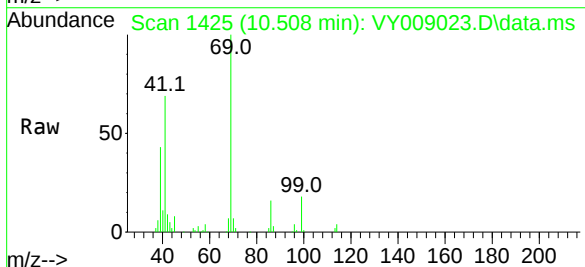
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

Tgt Ion: 97	Resp: 21529
Ion Ratio	Lower Upper
97 100	
83 94.0	69.8 104.8
85 58.5	44.3 66.5
99 70.8	49.8 74.6



#56
Ethyl methacrylate
Concen: 19.514 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 69	Resp: 26715
Ion Ratio	Lower Upper
69 100	
41 67.3	63.4 95.0
39 44.3	35.8 53.8





#57

1,3-Dichloropropane

Concen: 20.798 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

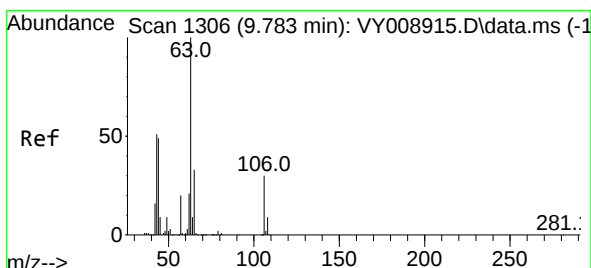
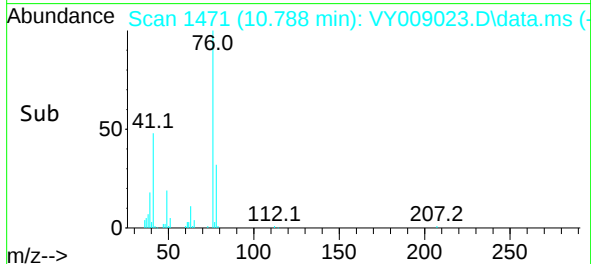
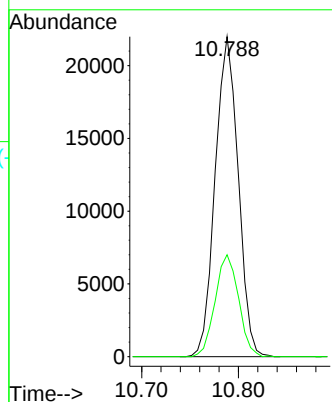
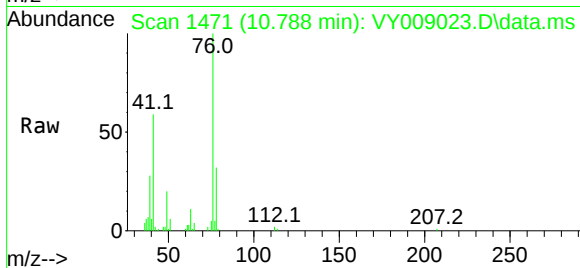
VY0523SBS02

Tgt Ion: 76 Resp: 36330

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 103.345 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY009023.D

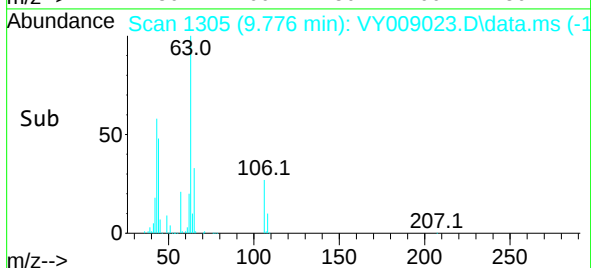
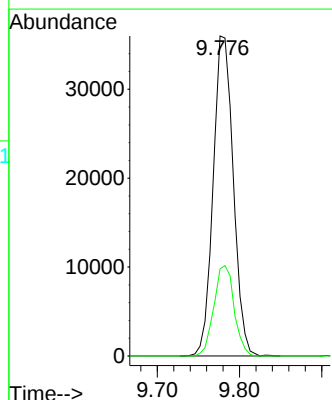
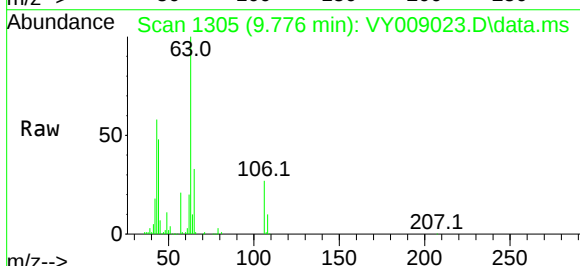
Acq: 23 May 2022 22:29

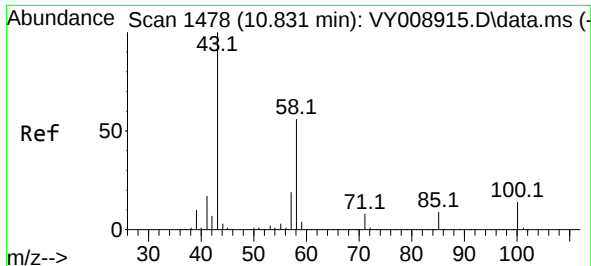
Tgt Ion: 63 Resp: 61210

Ion Ratio Lower Upper

63 100

106 28.4 21.5 32.3

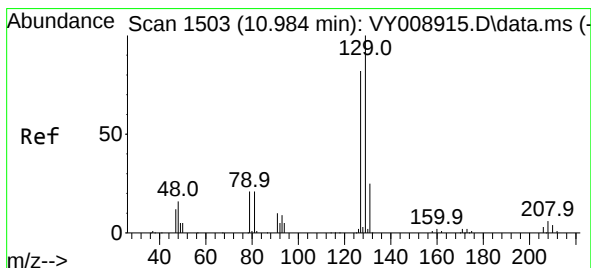
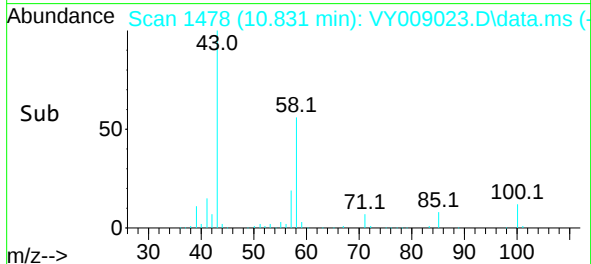
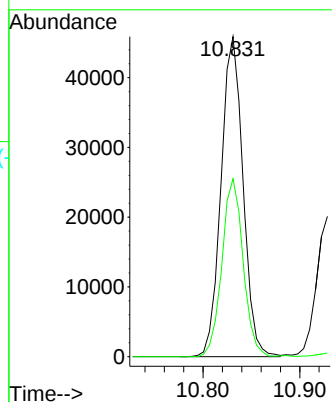
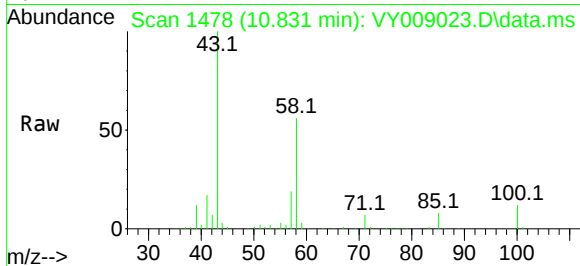




#59
2-Hexanone
Concen: 113.626 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

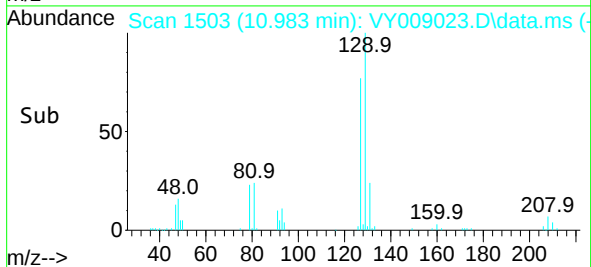
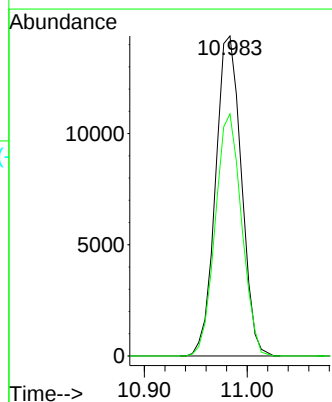
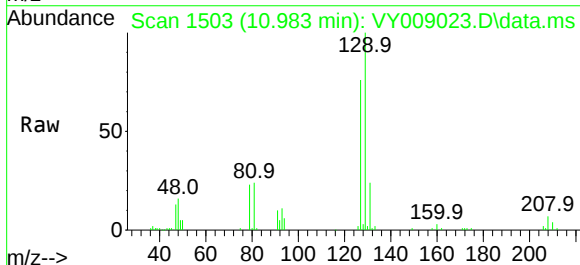
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

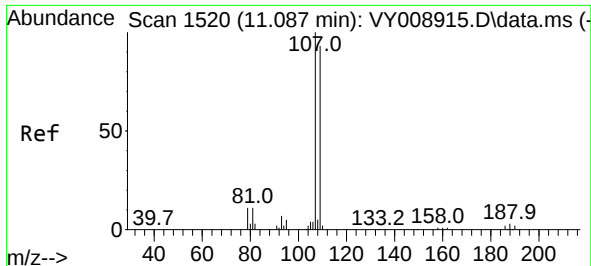
Tgt Ion: 43 Resp: 72195
Ion Ratio Lower Upper
43 100
58 53.6 24.4 73.4



#60
Dibromochloromethane
Concen: 19.338 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion:129 Resp: 25102
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

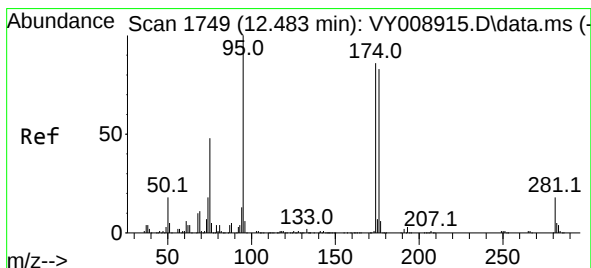
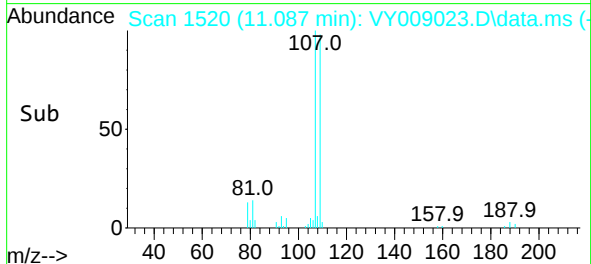
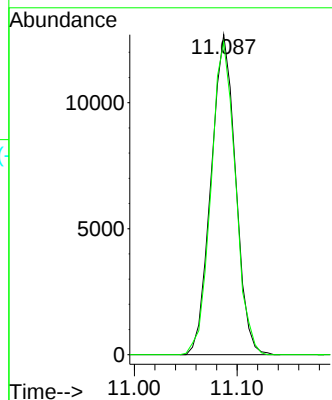
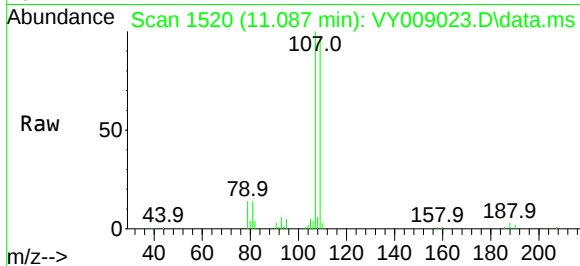




#61
1,2-Dibromoethane
Concen: 19.778 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

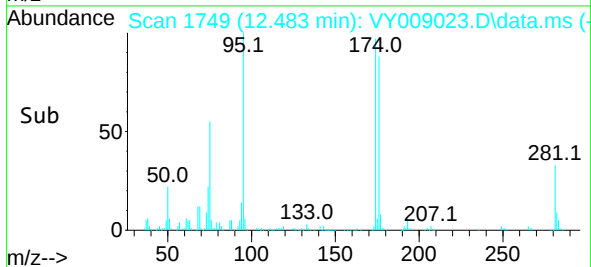
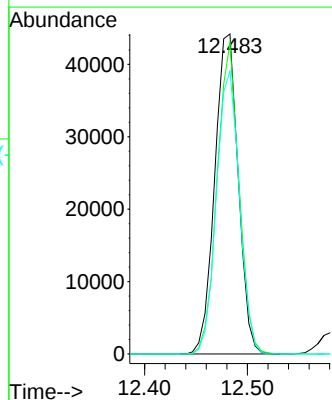
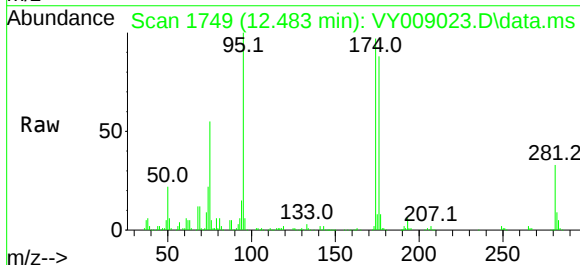
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

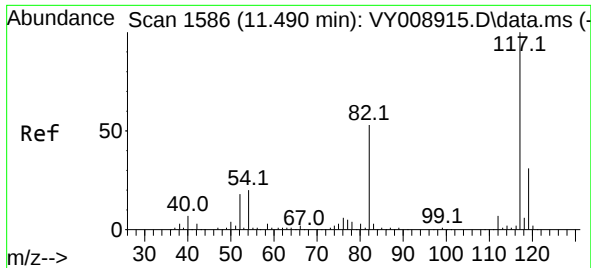
Tgt Ion:107 Resp: 20987
Ion Ratio Lower Upper
107 100
109 97.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.083 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 95 Resp: 70057
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 86.4 0.0 175.8

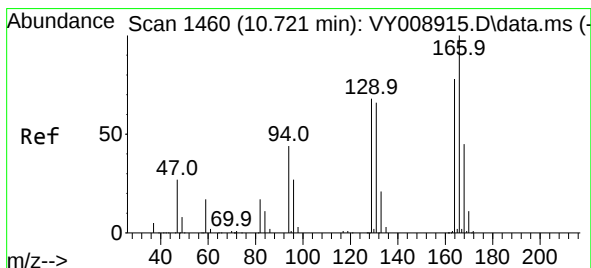
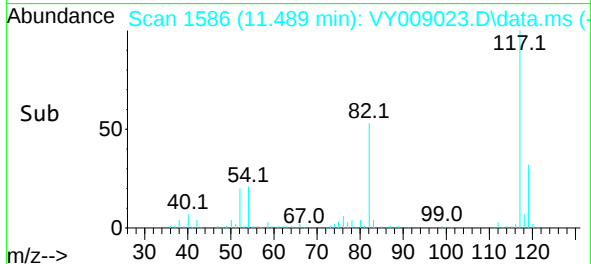
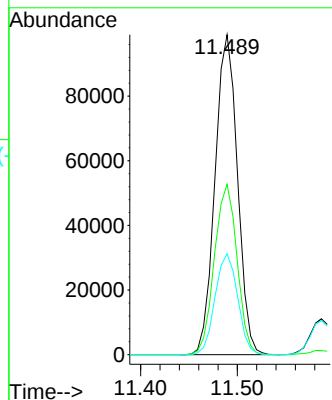
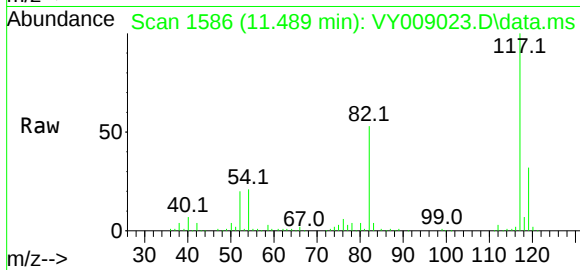




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

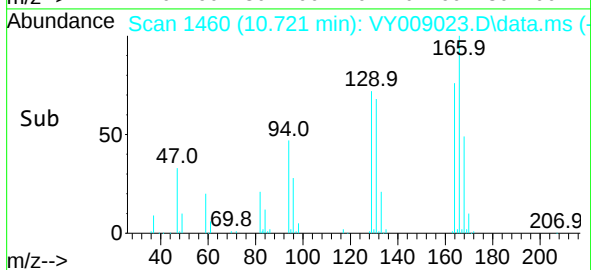
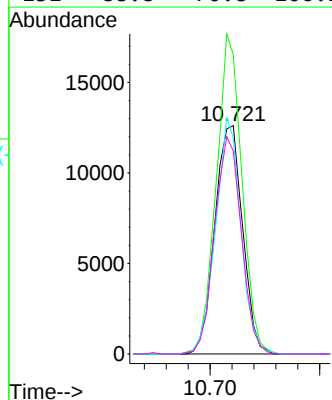
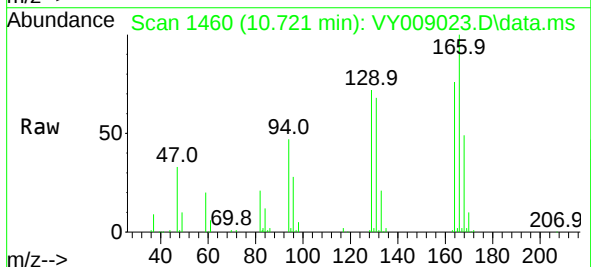
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

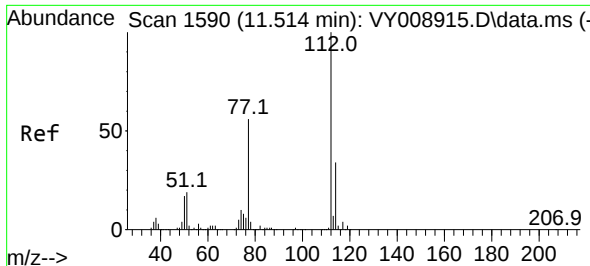
Tgt Ion:117 Resp: 159425
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 19.121 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion:164 Resp: 22188
Ion Ratio Lower Upper
164 100
166 130.9 100.4 150.6
129 94.6 71.4 107.0
131 88.8 70.8 106.2

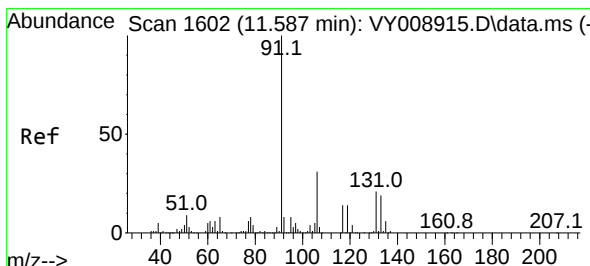
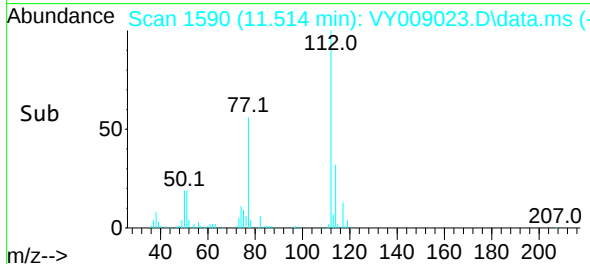
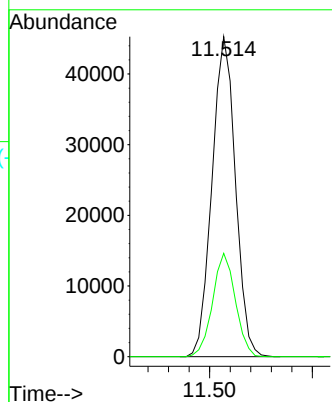
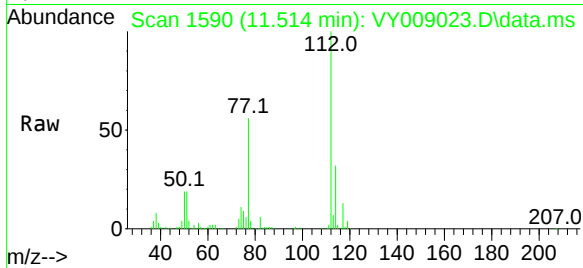




#65
Chlorobenzene
Concen: 19.548 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

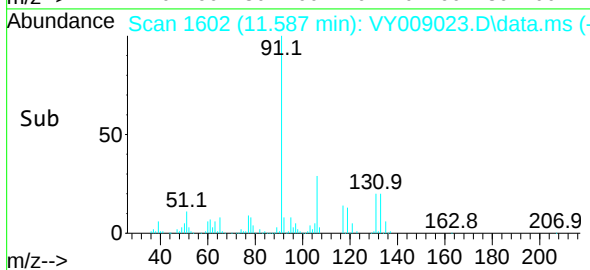
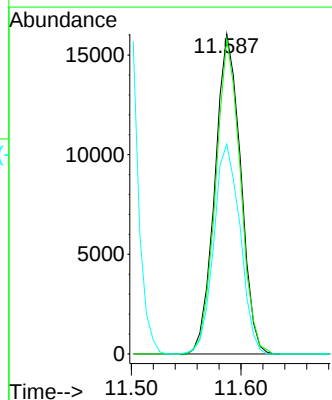
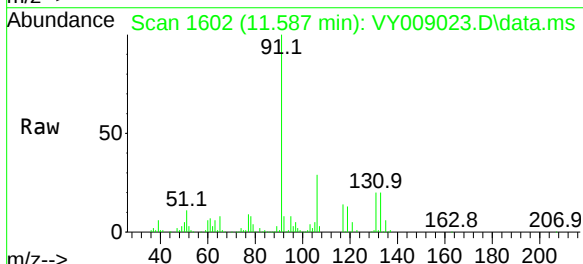
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

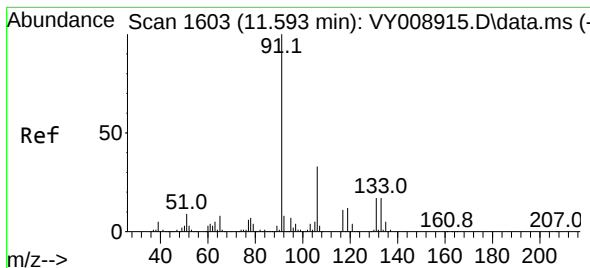
Tgt Ion:112 Resp: 71531
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.519 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion:131 Resp: 26153
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 67.0 30.8 92.3

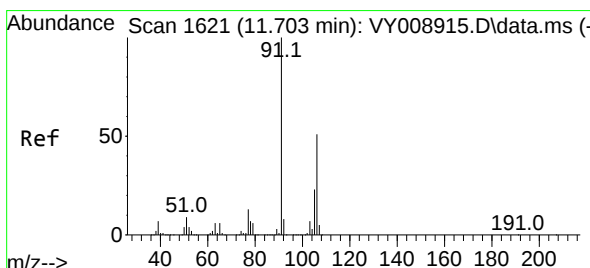
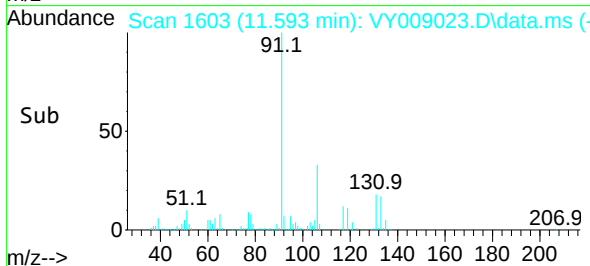
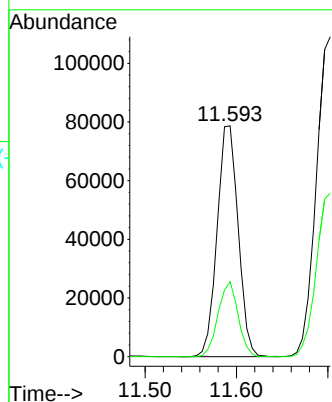
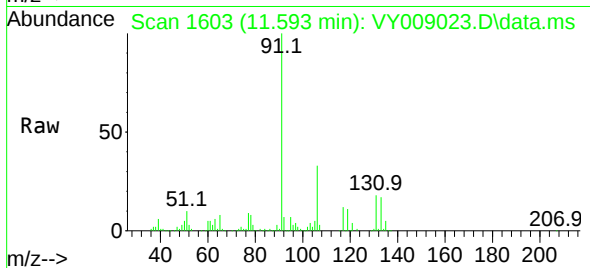




#67
Ethyl Benzene
Concen: 19.120 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

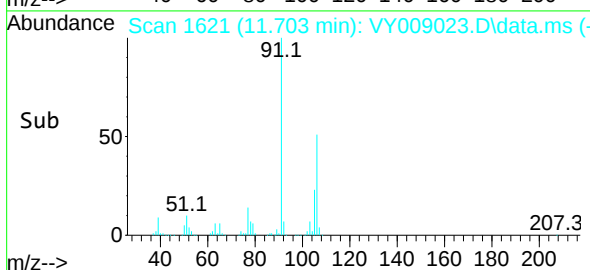
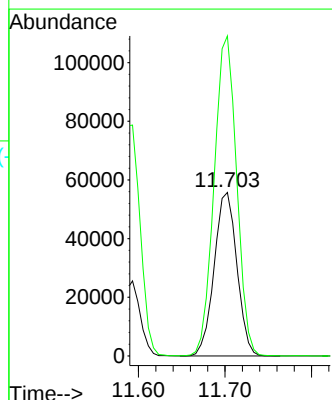
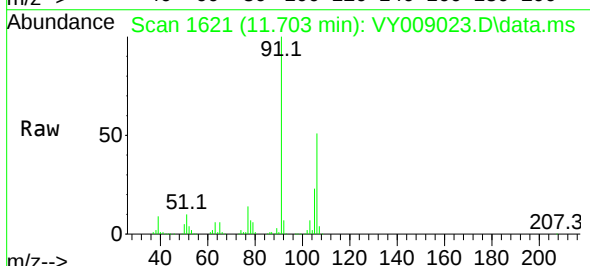
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

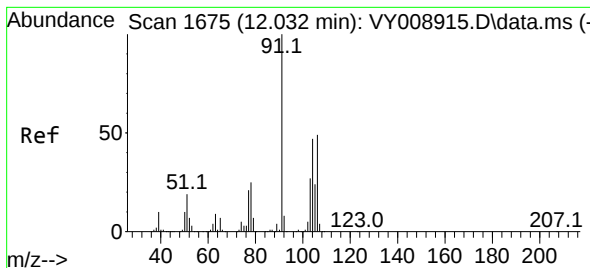
Tgt Ion: 91 Resp: 126085
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 37.935 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion:106 Resp: 101551
Ion Ratio Lower Upper
106 100
91 193.9 166.6 249.8





#69

o-Xylene

Concen: 19.066 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

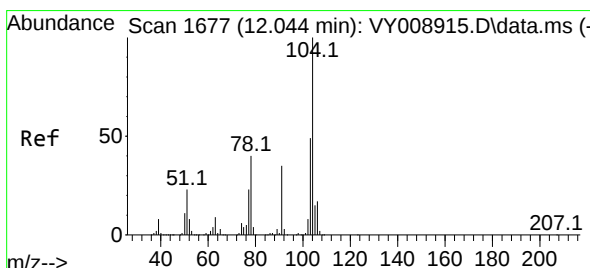
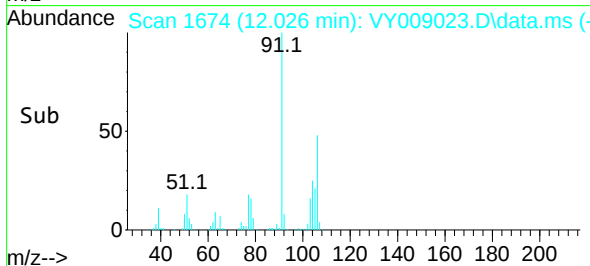
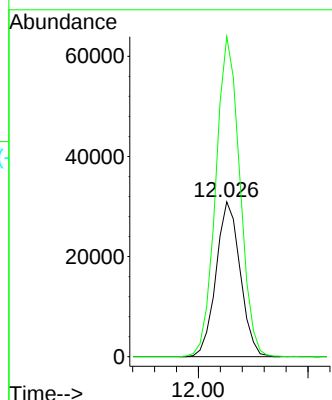
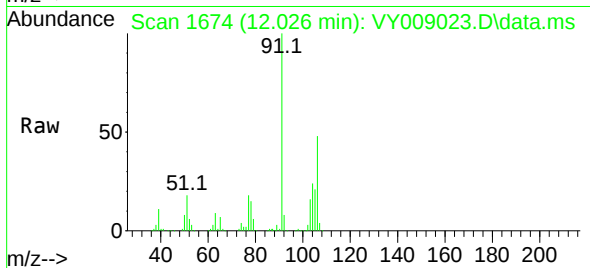
VY0523SBS02

Tgt Ion:106 Resp: 47395

Ion Ratio Lower Upper

106 100

91 205.8 110.3 331.0



#70

Styrene

Concen: 19.012 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

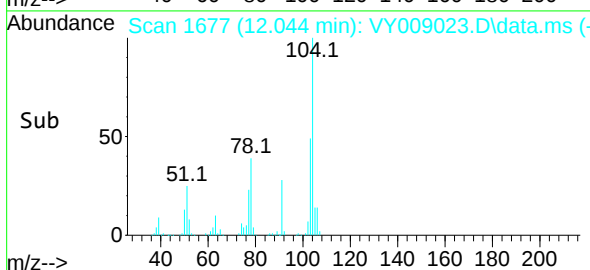
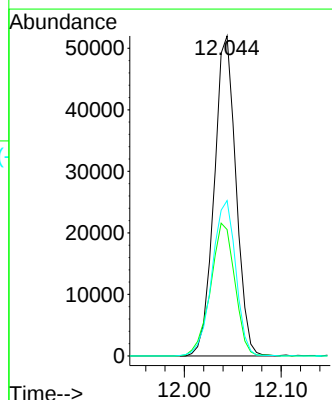
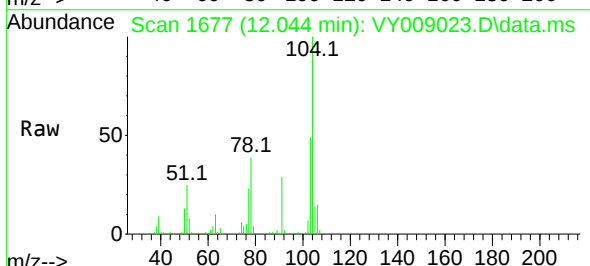
Tgt Ion:104 Resp: 81279

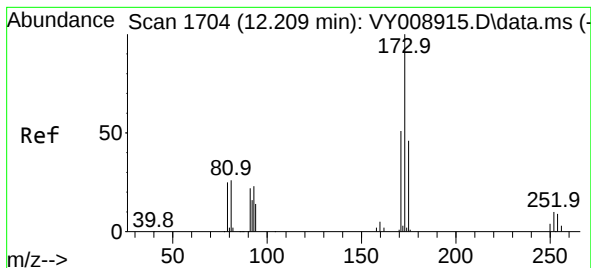
Ion Ratio Lower Upper

104 100

78 46.3 42.4 63.6

103 52.8 44.4 66.6





#71

Bromoform

Concen: 18.884 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

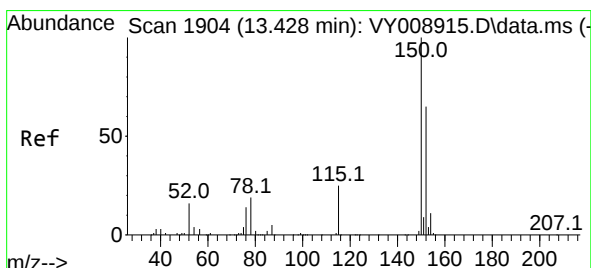
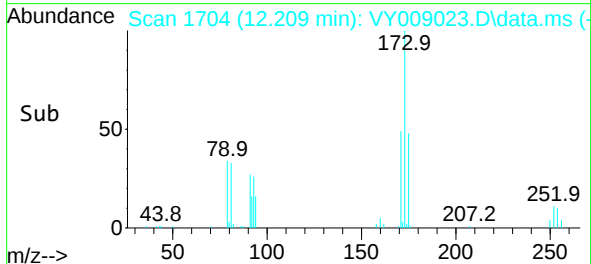
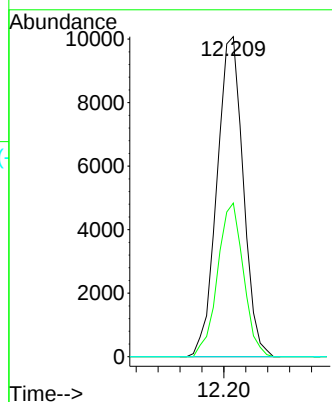
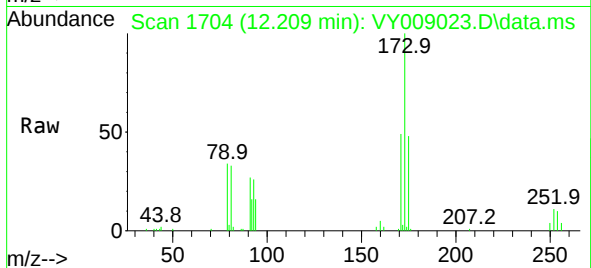
Tgt Ion:173 Resp: 16773

Ion Ratio Lower Upper

173 100

175 47.3 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

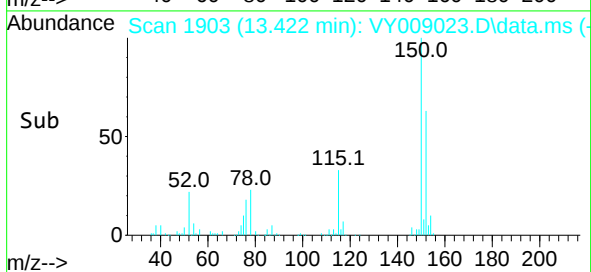
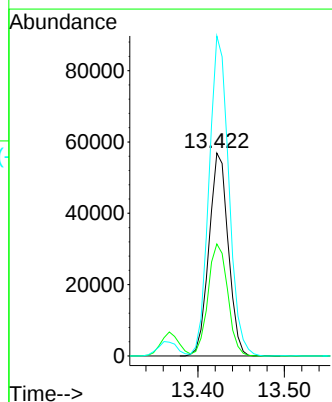
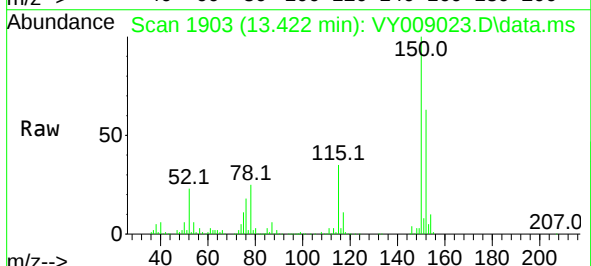
Tgt Ion:152 Resp: 87818

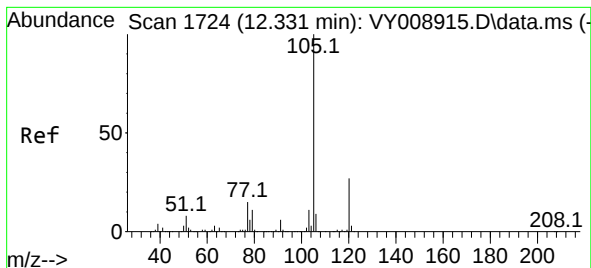
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 161.8 0.0 347.6





#73

Isopropylbenzene

Concen: 19.170 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

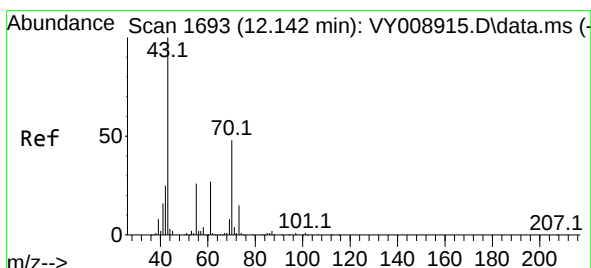
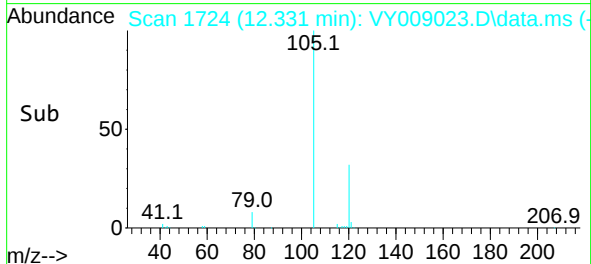
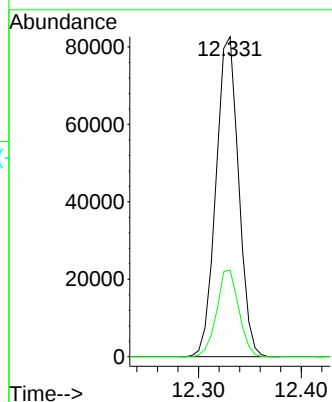
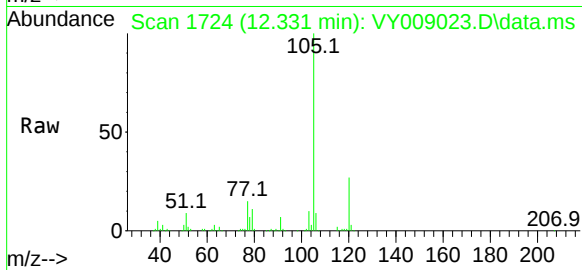
VY0523SBS02

Tgt Ion:105 Resp: 125879

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 22.533 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Tgt Ion: 43 Resp: 34138

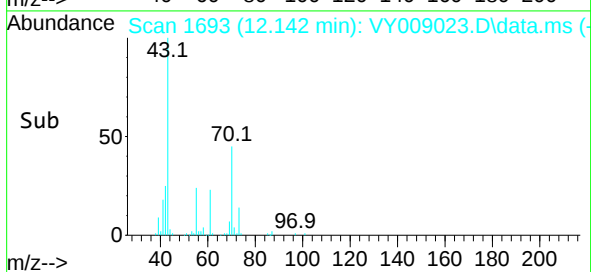
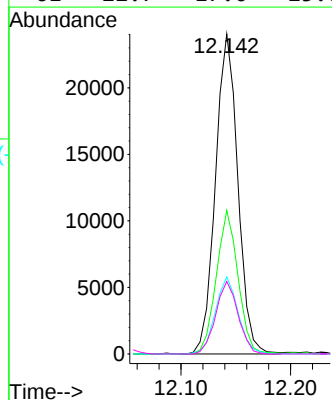
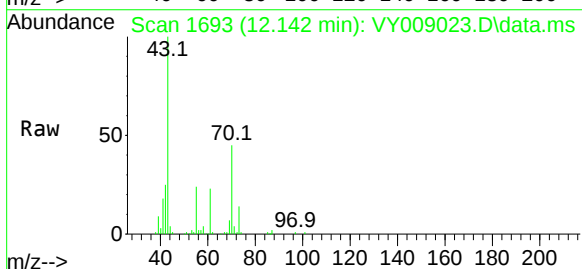
Ion Ratio Lower Upper

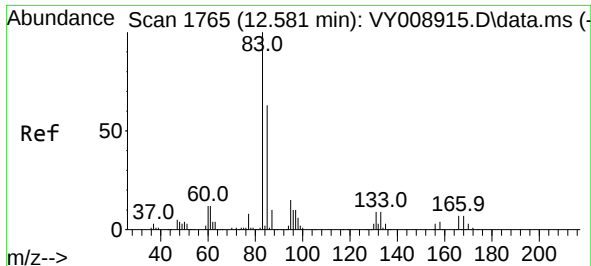
43 100

70 43.6 28.7 43.1#

55 24.6 17.3 25.9

61 22.7 17.0 25.6

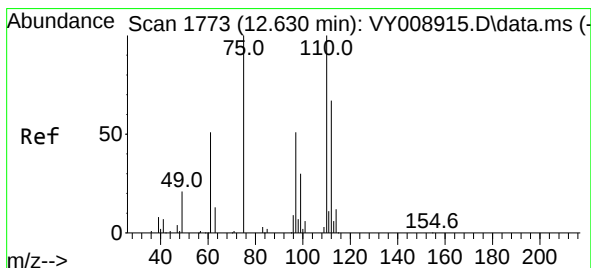
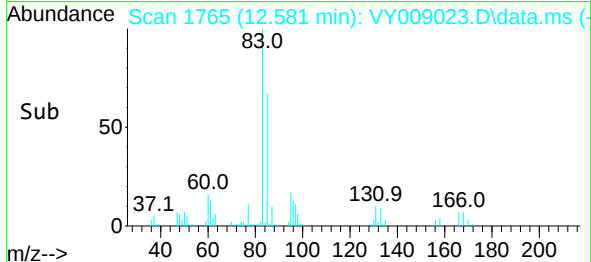
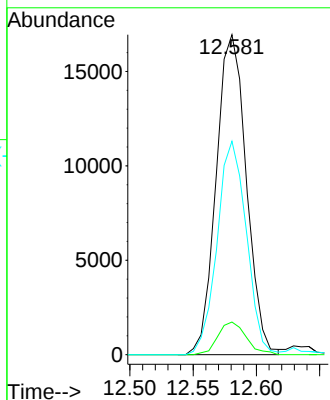
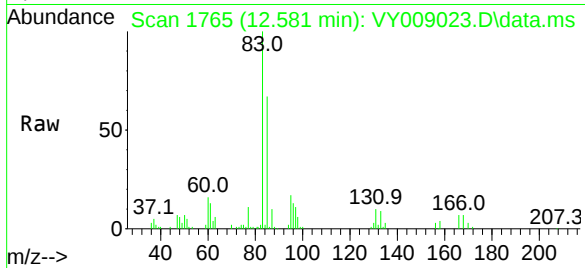




#75
1,1,2,2-Tetrachloroethane
Concen: 20.768 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

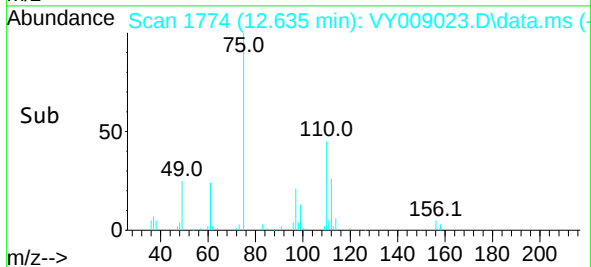
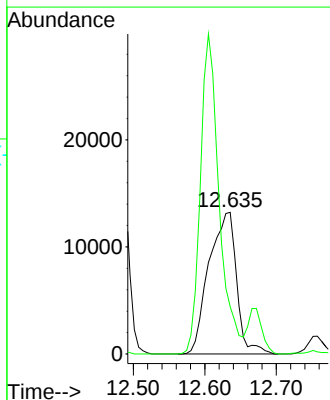
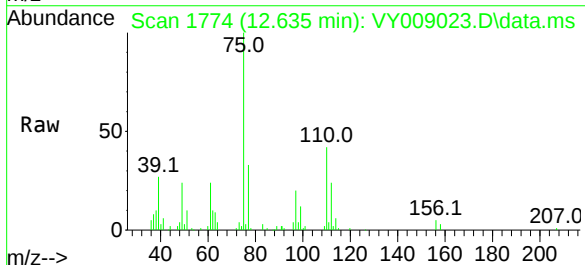
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

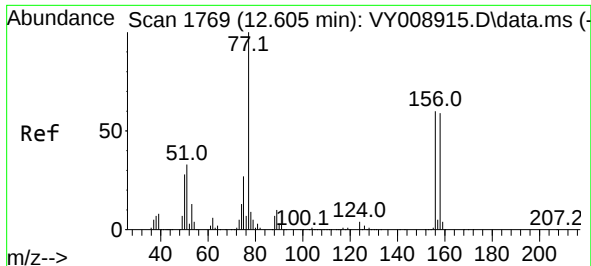
Tgt Ion: 83 Resp: 28093
Ion Ratio Lower Upper
83 100
131 9.6 5.6 16.8
85 64.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 37.698 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 75 Resp: 35551
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

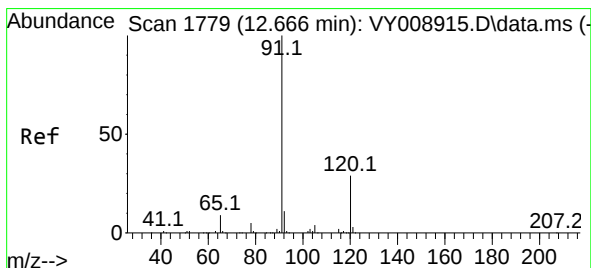
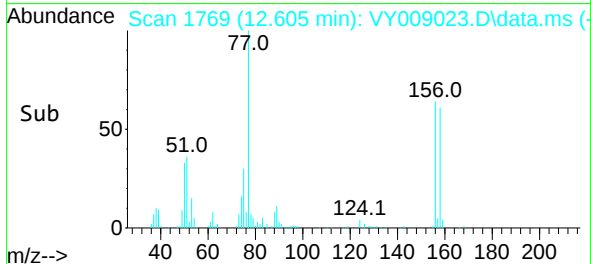
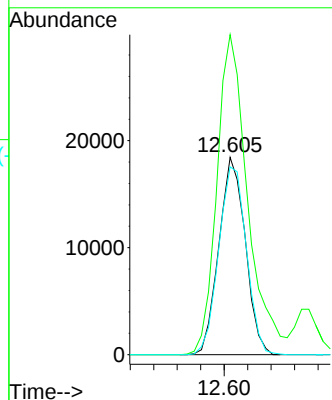
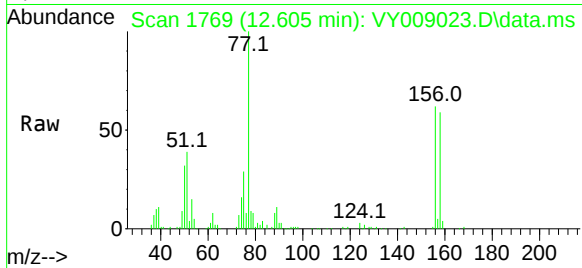




#77
Bromobenzene
Concen: 18.921 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

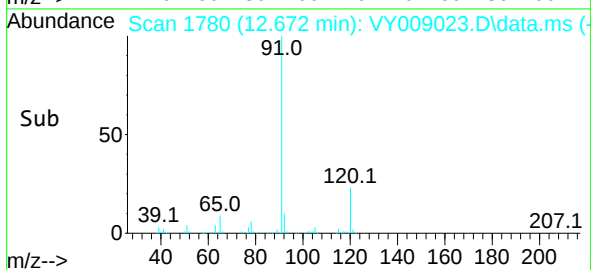
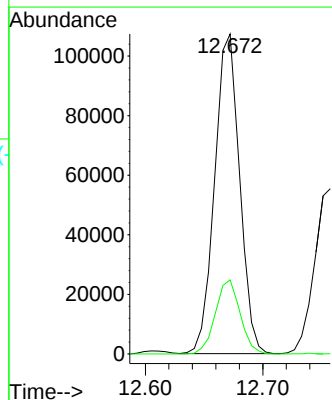
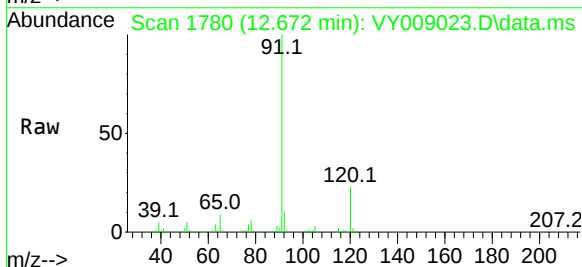
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

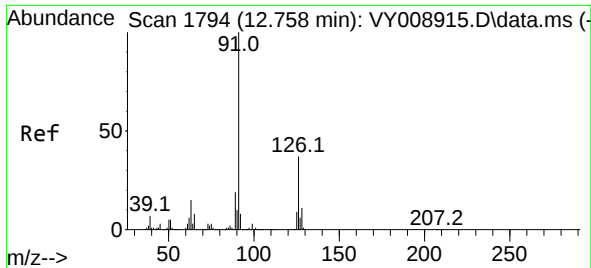
Tgt Ion:156 Resp: 28801
Ion Ratio Lower Upper
156 100
77 189.4 95.5 286.4
158 100.0 48.0 144.0



#78
n-propylbenzene
Concen: 20.893 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 91 Resp: 158507
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9

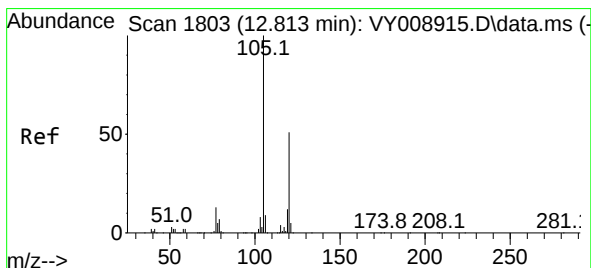
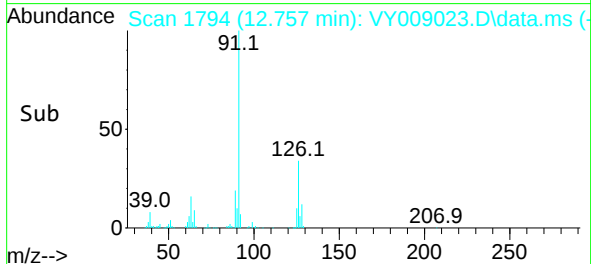
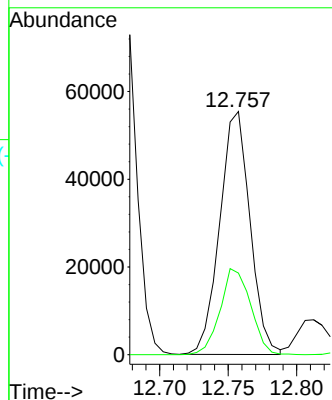
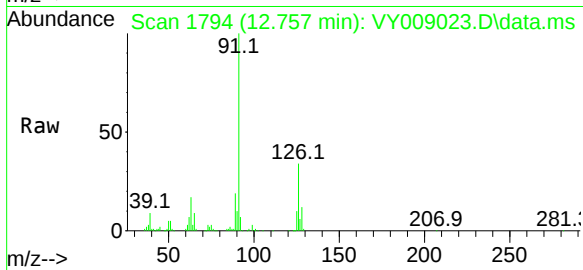




#79
2-Chlorotoluene
Concen: 19.531 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

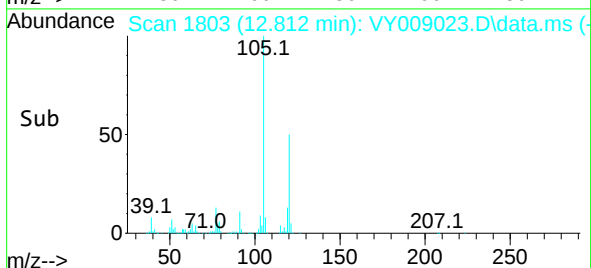
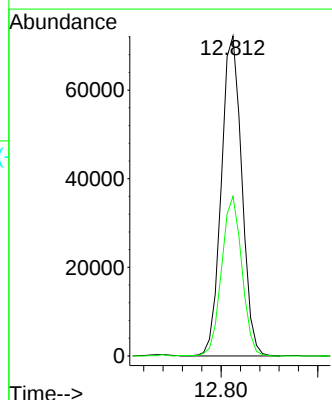
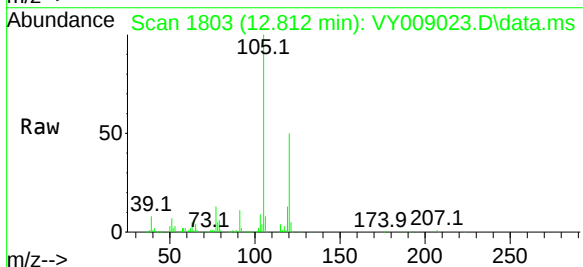
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

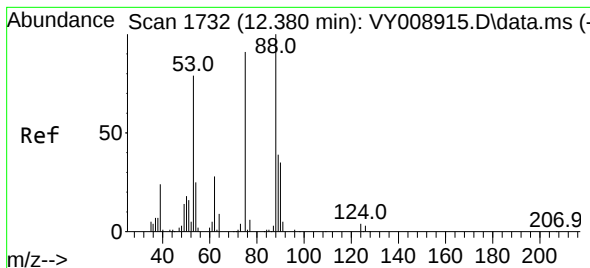
Tgt Ion: 91 Resp: 85471
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.255 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 105 Resp: 105977
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4

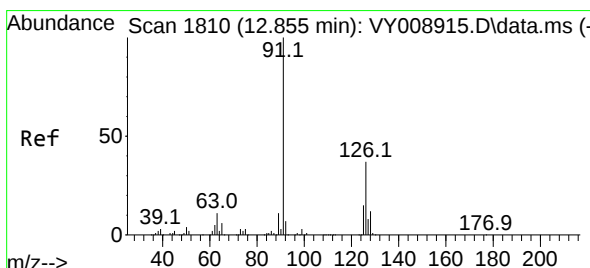
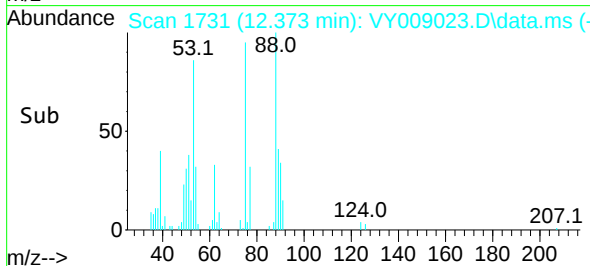
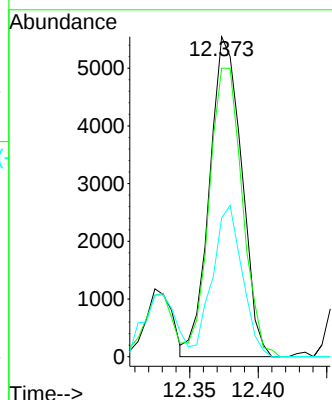
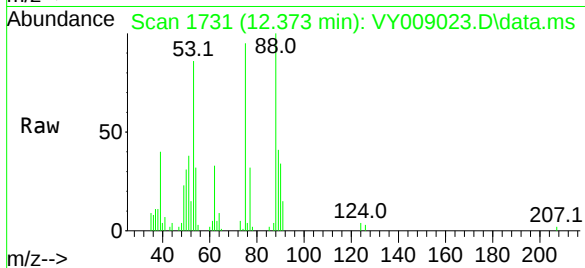




#81
trans-1,4-Dichloro-2-butene
Concen: 19.668 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

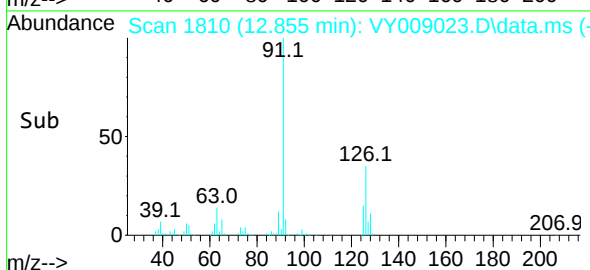
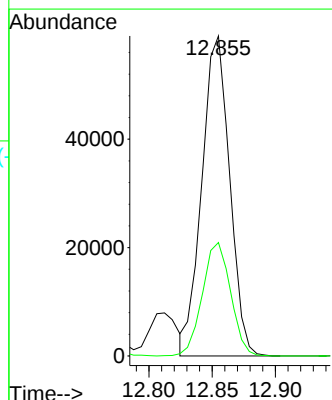
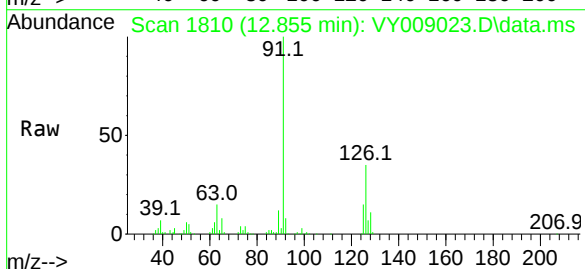
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

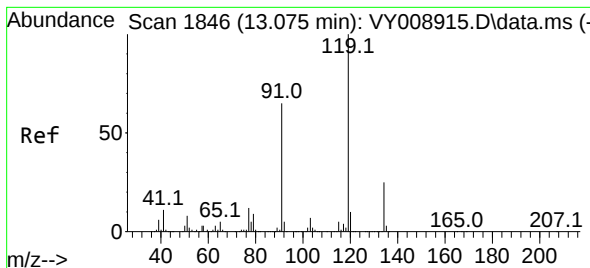
Tgt Ion: 75 Resp: 9037
Ion Ratio Lower Upper
75 100
53 93.1 85.3 127.9
89 44.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.297 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 91 Resp: 90321
Ion Ratio Lower Upper
91 100
126 36.0 17.0 51.0





#83

tert-Butylbenzene

Concen: 19.194 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.001 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

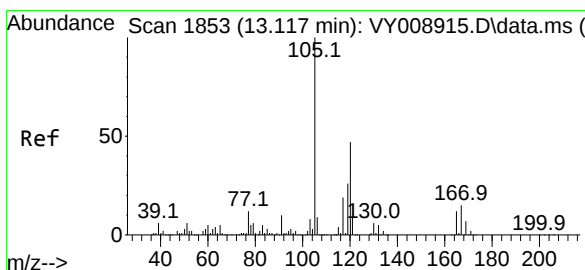
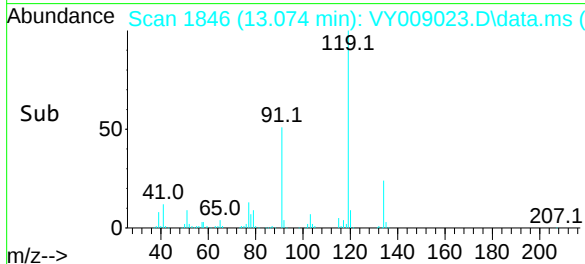
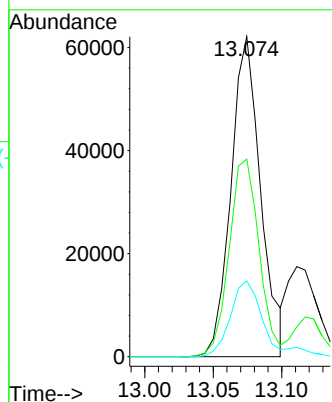
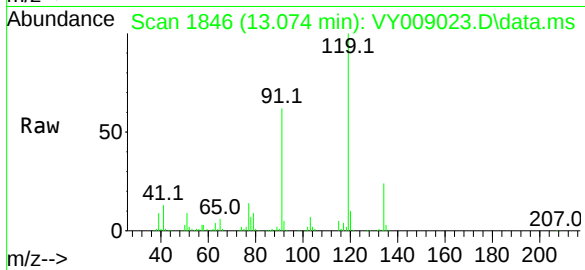
Tgt Ion:119 Resp: 93726

Ion Ratio Lower Upper

119 100

91 62.3 34.8 104.4

134 26.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.567 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009023.D

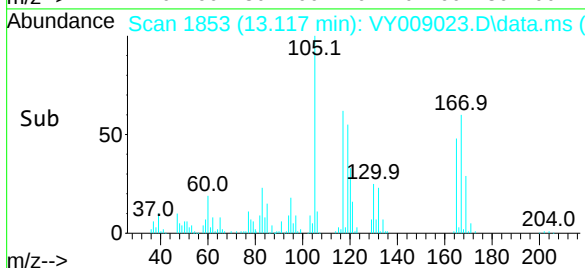
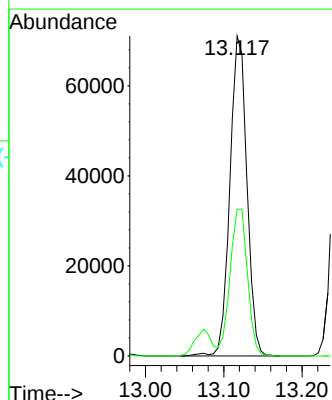
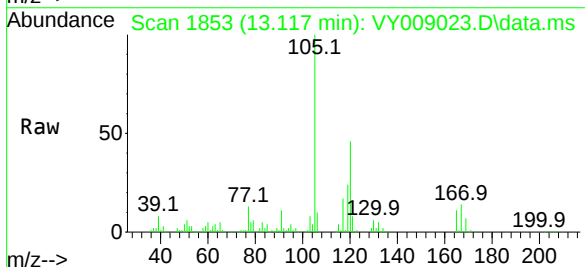
Acq: 23 May 2022 22:29

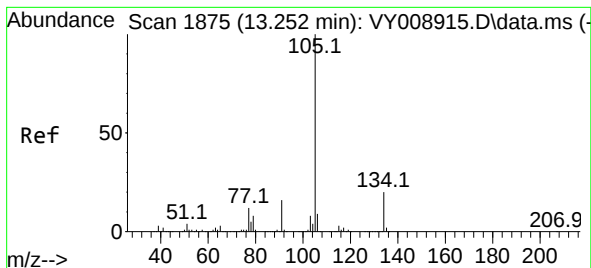
Tgt Ion:105 Resp: 106912

Ion Ratio Lower Upper

105 100

120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.322 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

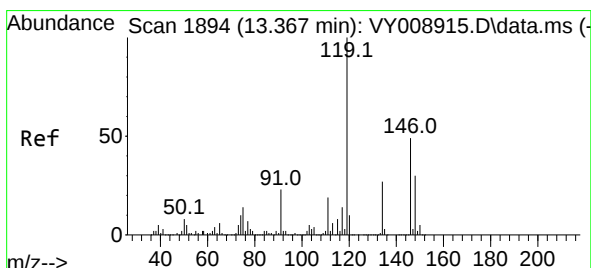
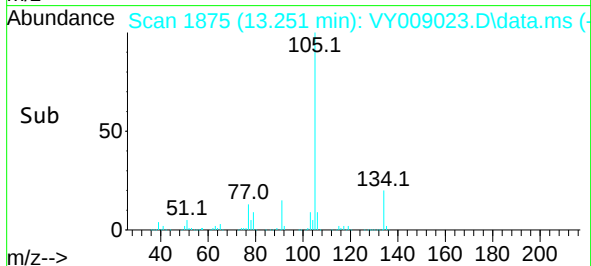
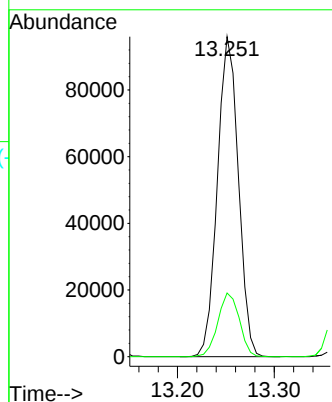
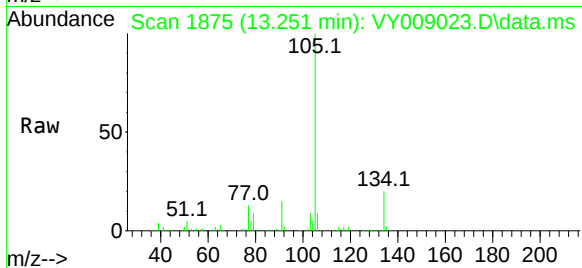
VY0523SBS02

Tgt Ion:105 Resp: 144358

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.283 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

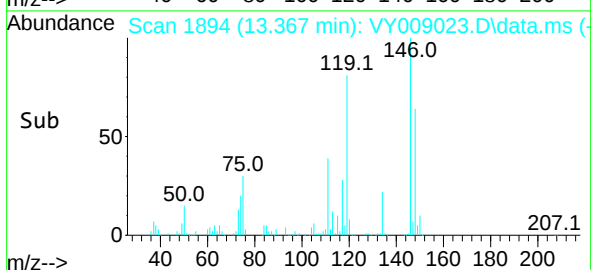
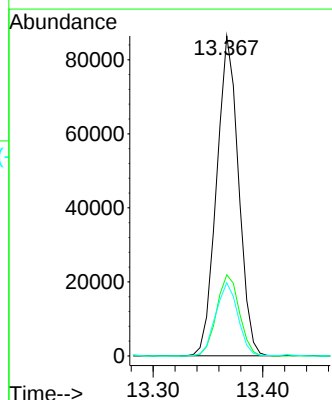
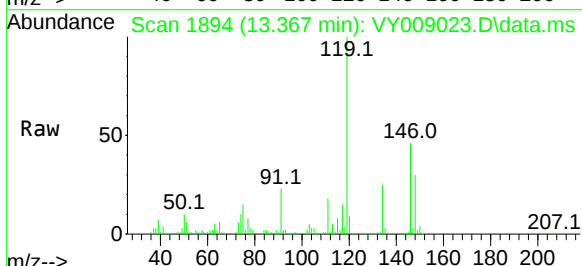
Tgt Ion:119 Resp: 120136

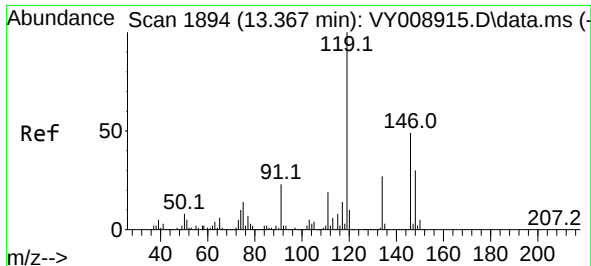
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.2 12.4 37.2

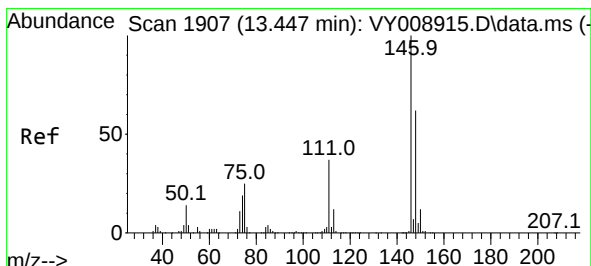
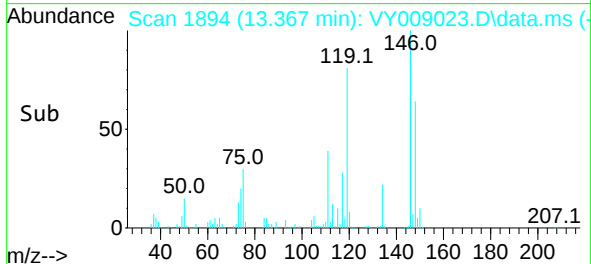
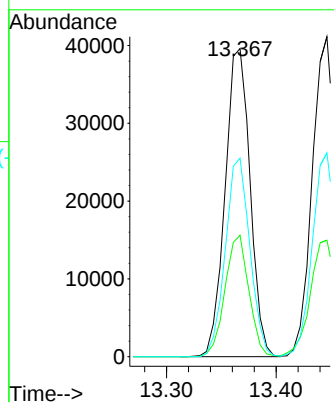
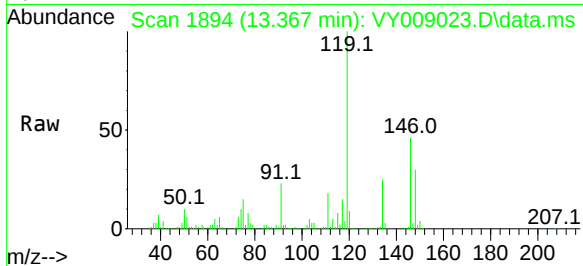




#87
1,3-Dichlorobenzene
Concen: 19.289 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

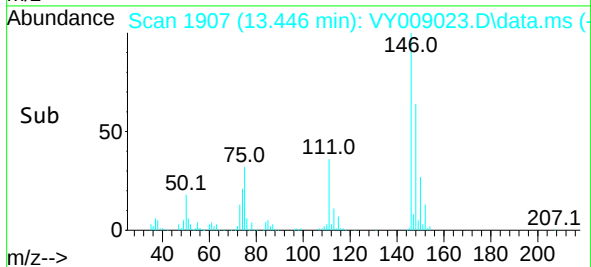
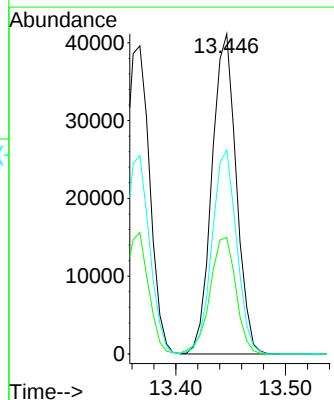
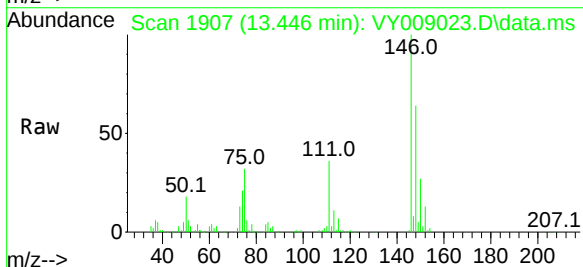
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

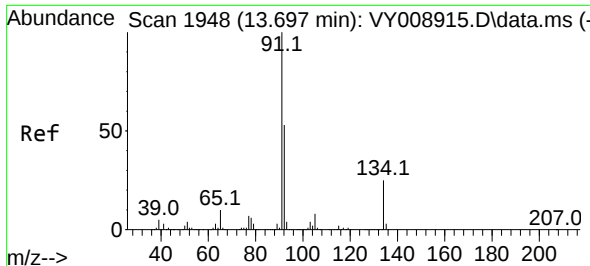
Tgt Ion:146 Resp: 62634
Ion Ratio Lower Upper
146 100
111 37.7 19.5 58.5
148 63.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.490 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion:146 Resp: 63582
Ion Ratio Lower Upper
146 100
111 38.8 19.3 57.8
148 64.6 32.6 97.8

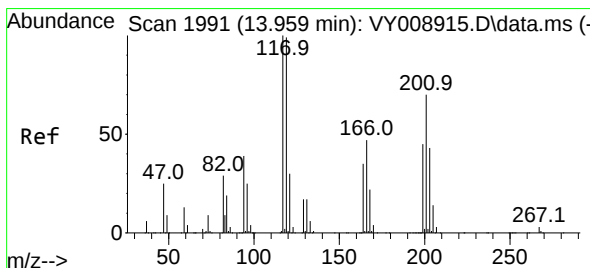
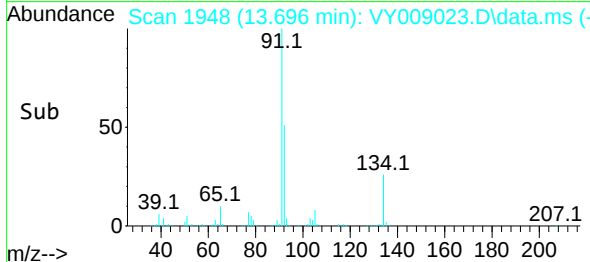
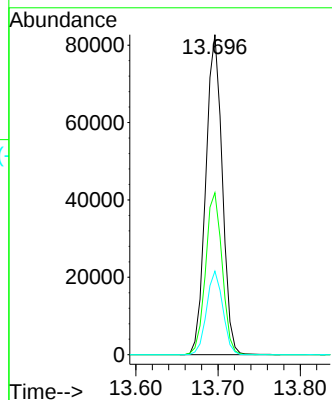
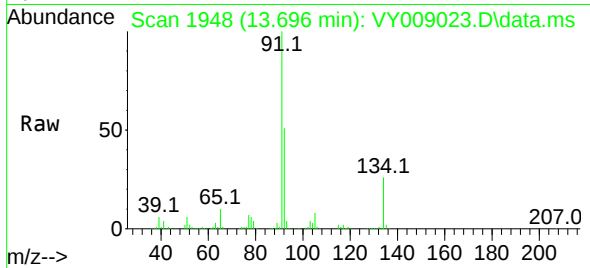




#89
n-Butylbenzene
Concen: 20.225 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

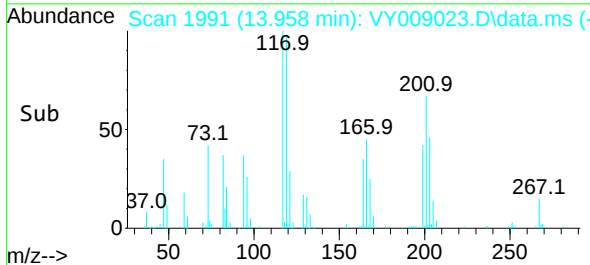
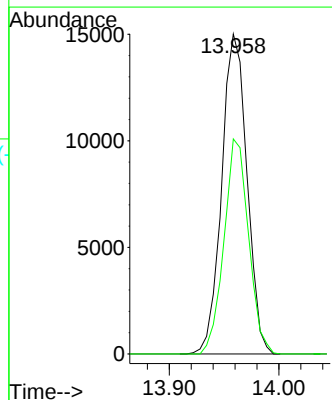
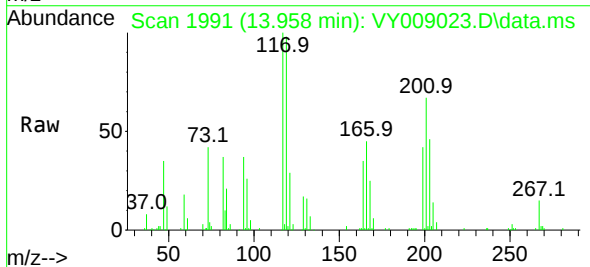
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

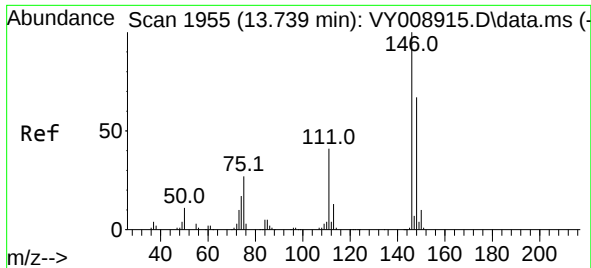
Tgt Ion: 91 Resp: 115275
Ion Ratio Lower Upper
91 100
92 50.9 26.3 78.9
134 25.7 13.0 38.9



#90
Hexachloroethane
Concen: 20.606 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion: 117 Resp: 24058
Ion Ratio Lower Upper
117 100
201 65.4 43.0 128.8

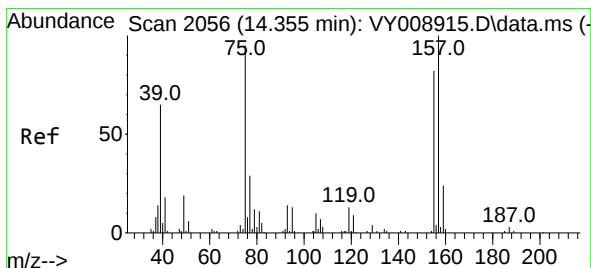
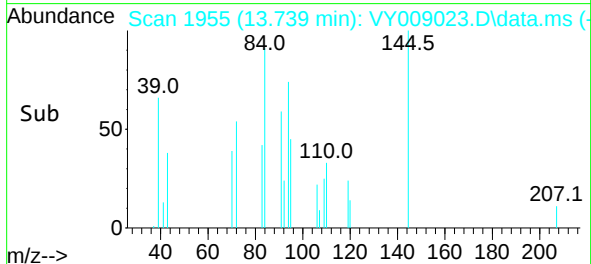
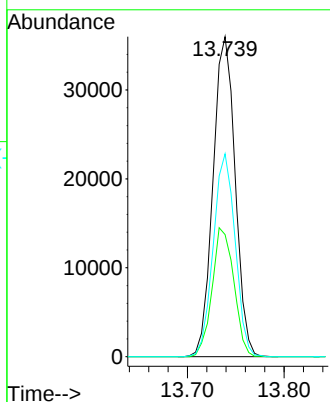
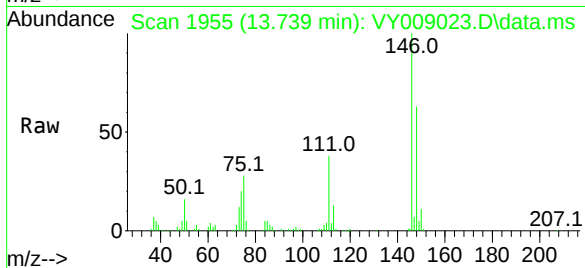




#91
1,2-Dichlorobenzene
Concen: 19.953 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

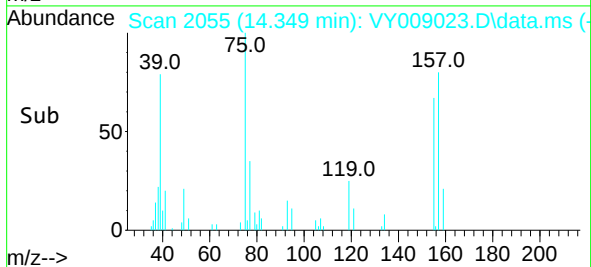
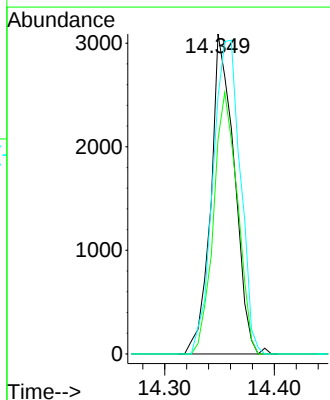
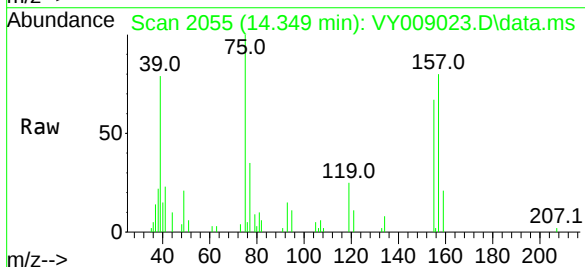
Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBS02

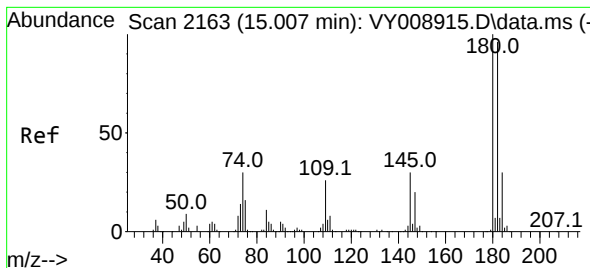
Tgt Ion:	146	Resp:	57191
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	62.8	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.823 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009023.D
Acq: 23 May 2022 22:29

Tgt Ion:	75	Resp:	4583
Ion	Ratio	Lower	Upper
75	100		
155	83.6	38.0	113.9
157	114.4	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.231 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

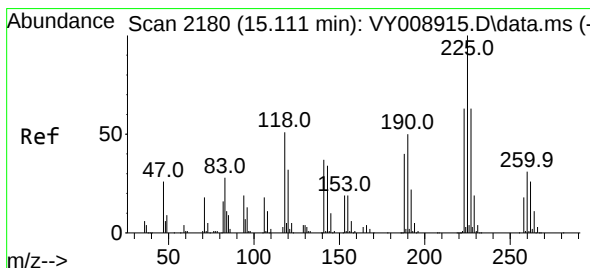
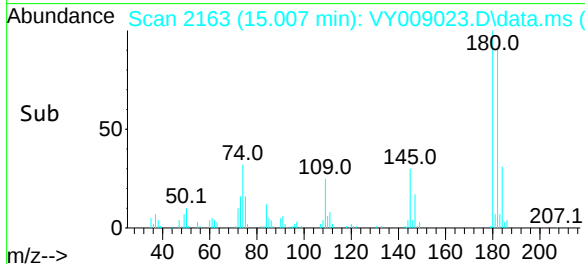
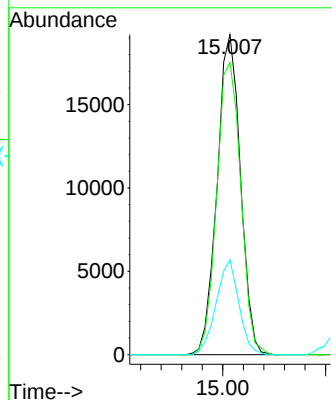
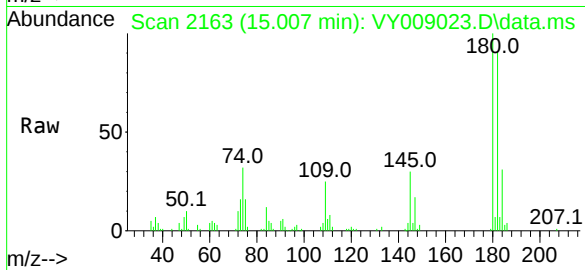
Tgt Ion:180 Resp: 30252

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 28.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.991 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

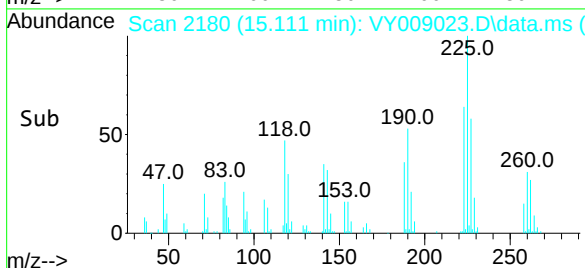
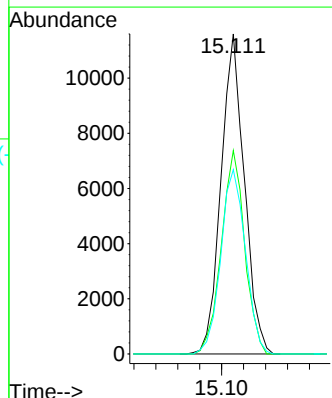
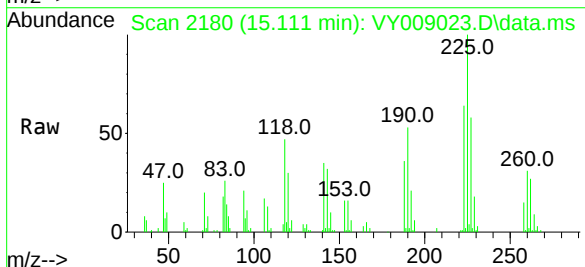
Tgt Ion:225 Resp: 17140

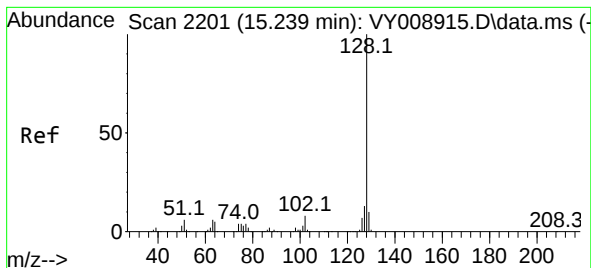
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 60.8 31.6 94.7





#95

Naphthalene

Concen: 20.387 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0523SBS02

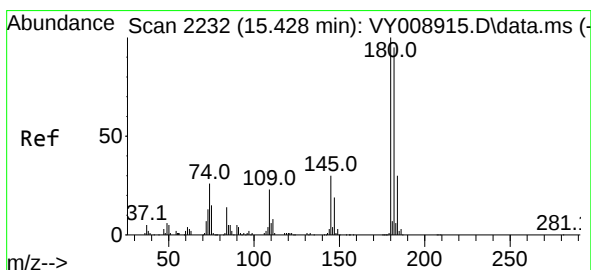
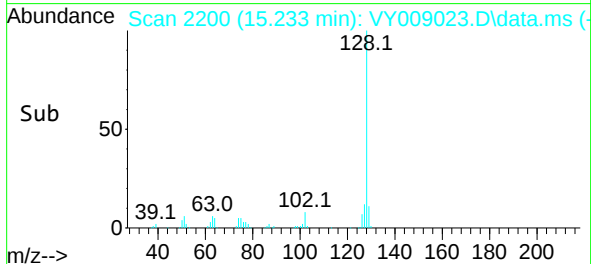
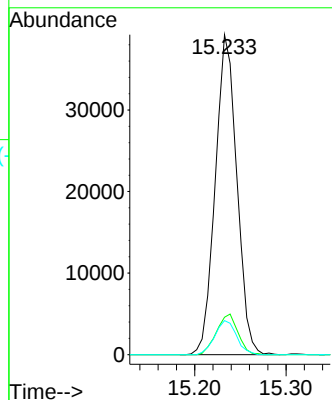
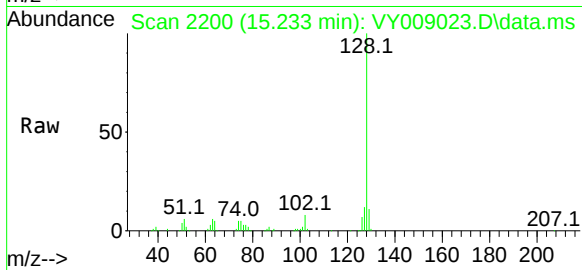
Tgt Ion:128 Resp: 64425

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.655 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009023.D

Acq: 23 May 2022 22:29

Tgt Ion:180 Resp: 26868

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 30.9 15.3 45.9

