

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008663.D
 Acq On : 09 May 2022 16:17
 Operator : KP/MD
 Sample : VY0509SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Quant Time: May 10 03:23:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	227646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	339641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109425	56.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.200%	
35) Dibromofluoromethane	7.716	113	122523	54.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.179	98	436831	55.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.340%	
62) 4-Bromofluorobenzene	12.483	95	155337	54.526	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	28200	23.701	ug/l	95
3) Chloromethane	2.119	50	36526	24.936	ug/l	97
4) Vinyl Chloride	2.260	62	49486	26.610	ug/l	97
5) Bromomethane	2.656	94	34888	23.343	ug/l	96
6) Chloroethane	2.796	64	29589	23.189	ug/l	97
7) Trichlorofluoromethane	3.125	101	52078	23.144	ug/l	95
8) Diethyl Ether	3.522	74	30601	21.496	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.906	101	52910	22.978	ug/l #	94
10) Methyl Iodide	4.088	142	87969	23.020	ug/l #	87
11) Tert butyl alcohol	4.954	59	20511	115.430	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	54473	22.860	ug/l #	72
13) Acrolein	3.723	56	24586	127.641	ug/l	97
14) Allyl chloride	4.473	41	69286	22.475	ug/l #	84
15) Acrylonitrile	5.161	53	68600	107.537	ug/l	96
16) Acetone	3.942	43	49388	107.320	ug/l #	77
17) Carbon Disulfide	4.192	76	147859	23.395	ug/l	99
18) Methyl Acetate	4.473	43	32061	22.638	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	98724	22.474	ug/l	94
20) Methylene Chloride	4.704	84	72118	25.805	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	60542	22.604	ug/l #	81
22) Diisopropyl ether	6.119	45	149951	22.470	ug/l #	87
23) Vinyl Acetate	6.052	43	469914	111.482	ug/l #	89
24) 1,1-Dichloroethane	6.009	63	96266	22.467	ug/l	97
25) 2-Butanone	6.978	43	79124	104.595	ug/l #	77
26) 2,2-Dichloropropane	6.984	77	65118	22.733	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	67648	22.342	ug/l	78
28) Bromochloromethane	7.326	49	33121	21.798	ug/l #	63
29) Tetrahydrofuran	7.344	42	52707	104.252	ug/l #	76
30) Chloroform	7.503	83	101148	22.322	ug/l	99
31) Cyclohexane	7.783	56	86408	22.394	ug/l #	80
32) 1,1,1-Trichloroethane	7.698	97	85553	23.038	ug/l	94
36) 1,1-Dichloropropene	7.911	75	80749	22.366	ug/l	96
37) Ethyl Acetate	7.070	43	38592	21.498	ug/l #	91
38) Carbon Tetrachloride	7.899	117	82560	22.609	ug/l	95
39) Methylcyclohexane	9.179	83	103513	22.169	ug/l #	85
40) Benzene	8.155	78	233617	22.271	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	48862	49.363	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	59387	21.840	ug/l	87
43) Isopropyl Acetate	8.271	43	68721	21.073	ug/l #	83
44) Trichloroethene	8.935	130	67309	21.987	ug/l	99
45) 1,2-Dichloropropane	9.216	63	55701	21.764	ug/l	97
46) Dibromomethane	9.301	93	34825	21.741	ug/l	96
47) Bromodichloromethane	9.496	83	78404	21.920	ug/l	98
48) Methyl methacrylate	9.289	41	29391	20.704	ug/l #	70
49) 1,4-Dioxane	9.301	88	7858	405.674	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	178513	104.663	ug/l #	83
52) Toluene	10.246	92	151363	22.165	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	82362	21.428	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94241	21.485	ug/l #	78
55) 1,1,2-Trichloroethane	10.648	97	49569	21.700	ug/l	96
56) Ethyl methacrylate	10.508	69	60965	21.091	ug/l #	70
57) 1,3-Dichloropropane	10.789	76	81327	21.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	147077	102.758	ug/l	90
59) 2-Hexanone	10.831	43	121965	104.407	ug/l	80
60) Dibromochloromethane	10.984	129	60141	21.681	ug/l	99
61) 1,2-Dibromoethane	11.087	107	48925	21.734	ug/l	99
64) Tetrachloroethene	10.721	164	58448	22.078	ug/l	99
65) Chlorobenzene	11.520	112	167430	22.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	61642	21.846	ug/l	97
67) Ethyl Benzene	11.593	91	286285	21.926	ug/l	96
68) m/p-Xylenes	11.703	106	229849	43.998	ug/l	90
69) o-Xylene	12.032	106	109271	22.048	ug/l	88
70) Styrene	12.044	104	180150	21.892	ug/l	93
71) Bromoform	12.209	173	38214	21.014	ug/l #	99
73) Isopropylbenzene	12.331	105	284770	21.905	ug/l	99
74) N-amyl acetate	12.148	43	61386	21.030	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	56221	20.661	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	70101	36.545	ug/l #	100
77) Bromobenzene	12.611	156	71064	21.848	ug/l	87
78) n-propylbenzene	12.672	91	335834	21.727	ug/l	96
79) 2-Chlorotoluene	12.758	91	192550	22.518	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	232442	22.076	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	19887	20.627	ug/l #	76
82) 4-Chlorotoluene	12.855	91	194692	21.956	ug/l	95
83) tert-Butylbenzene	13.081	119	214735	22.733	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	230610	22.177	ug/l	97
85) sec-Butylbenzene	13.258	105	307165	22.001	ug/l	99
86) p-Isopropyltoluene	13.373	119	256495	22.109	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	137890	21.915	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	136224	21.835	ug/l	98
89) n-Butylbenzene	13.697	91	234554	22.092	ug/l	97
90) Hexachloroethane	13.965	117	49060	21.781	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	122025	21.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8263	20.517	ug/l	64
93) 1,2,4-Trichlorobenzene	15.013	180	77438	21.721	ug/l	99
94) Hexachlorobutadiene	15.117	225	44116	22.582	ug/l	99
95) Naphthalene	15.239	128	154242	21.147	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	67070	21.347	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

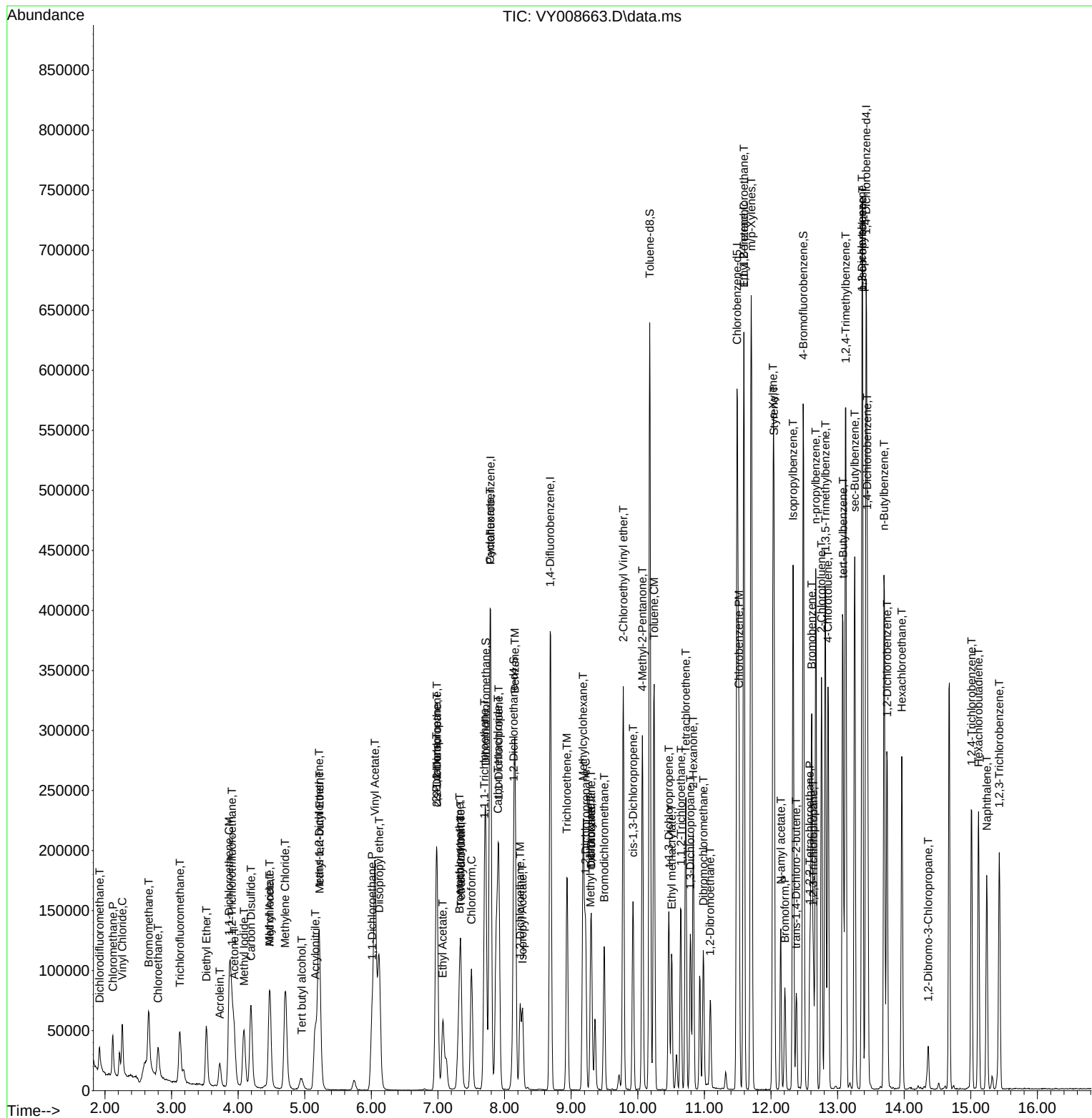
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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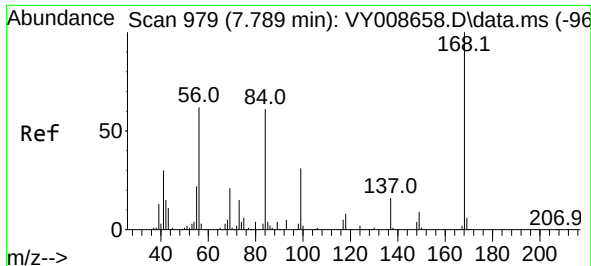
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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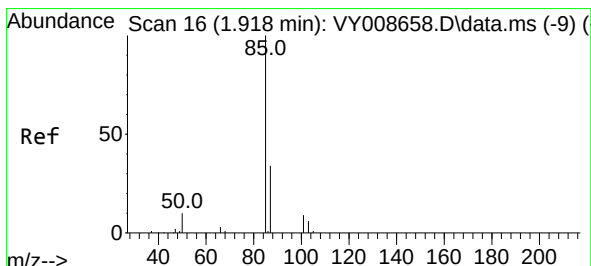
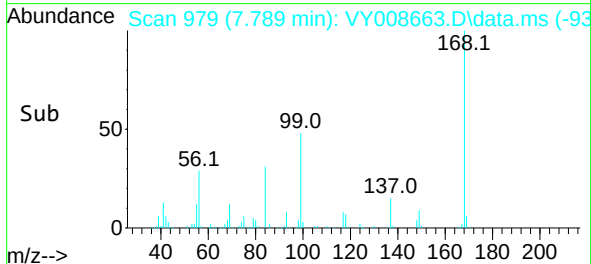
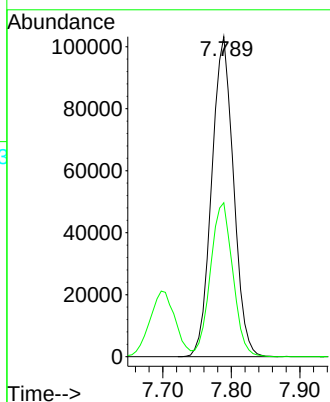
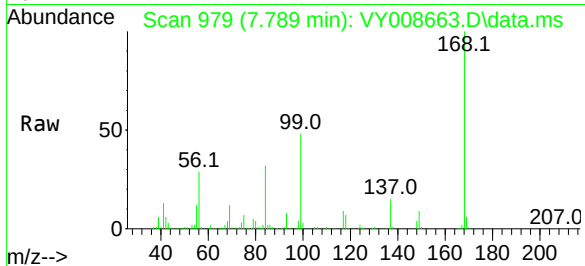




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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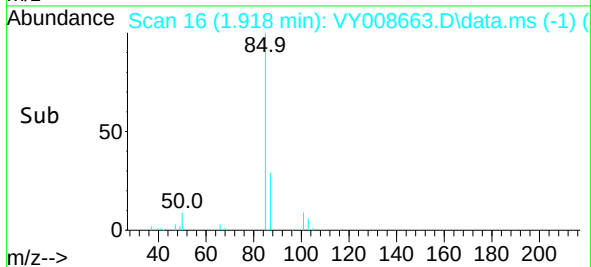
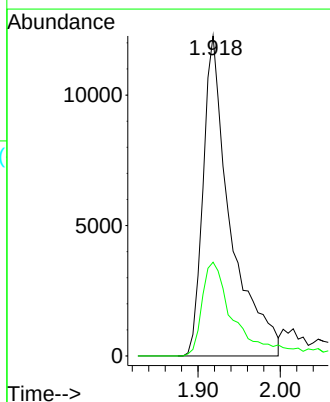
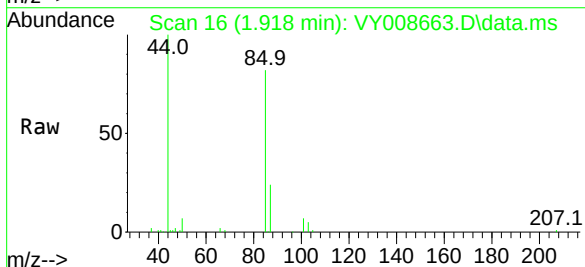
Instrument :
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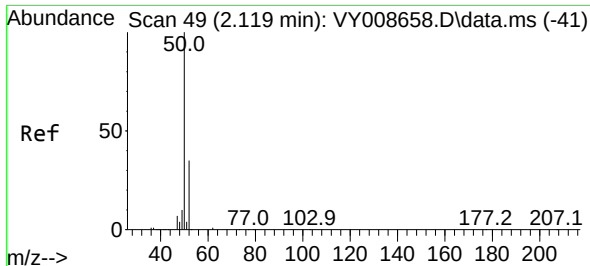
Tgt Ion:168 Resp: 227646
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 23.701 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 85 Resp: 28200
Ion Ratio Lower Upper
85 100
87 29.3 16.1 48.2

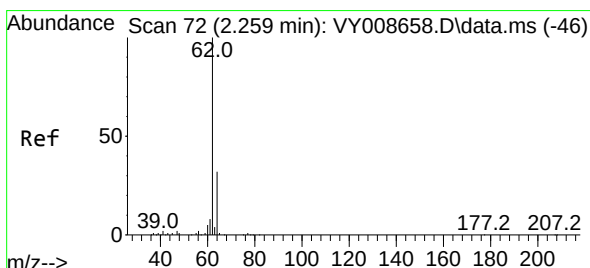
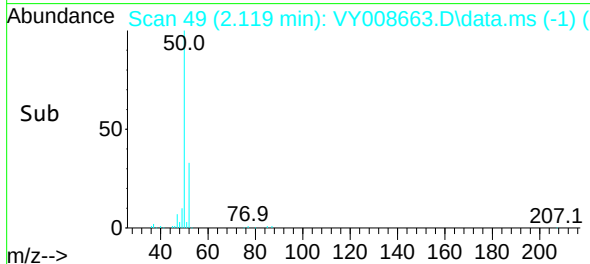
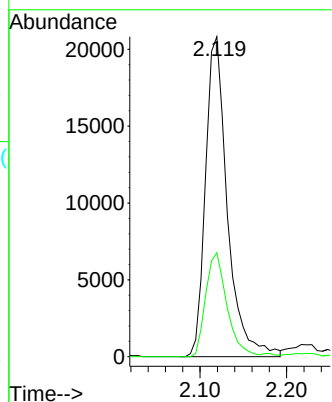
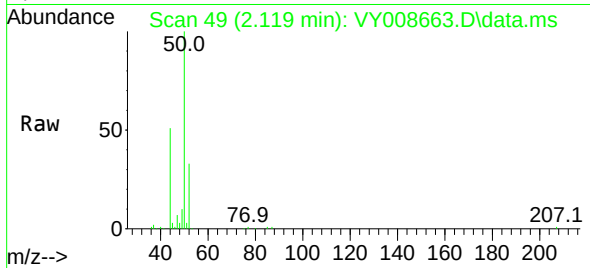




#3
Chloromethane
Concen: 24.936 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY008663.D
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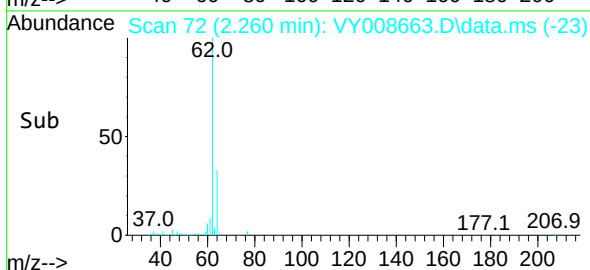
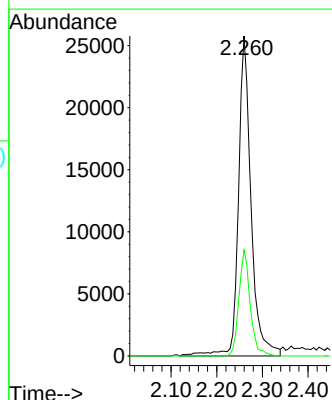
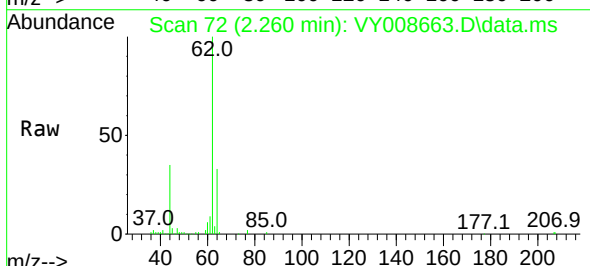
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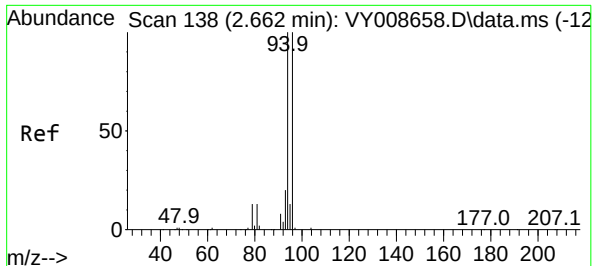
Tgt Ion: 50 Resp: 36526
Ion Ratio Lower Upper
50 100
52 32.5 24.6 37.0



#4
Vinyl Chloride
Concen: 26.610 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 62 Resp: 49486
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6

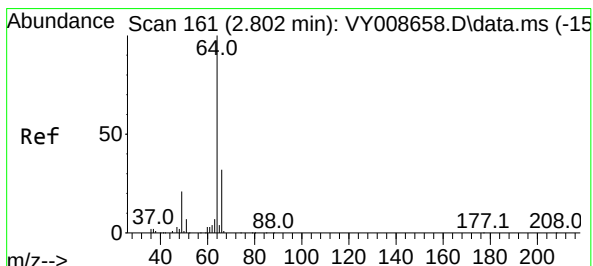
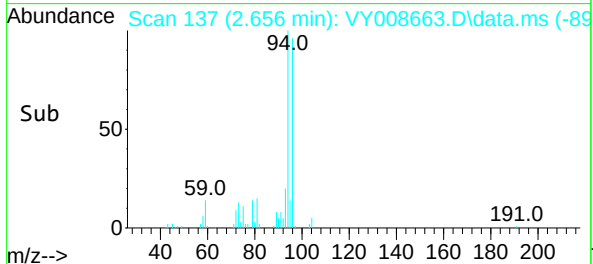
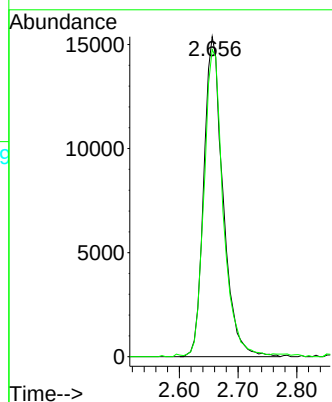
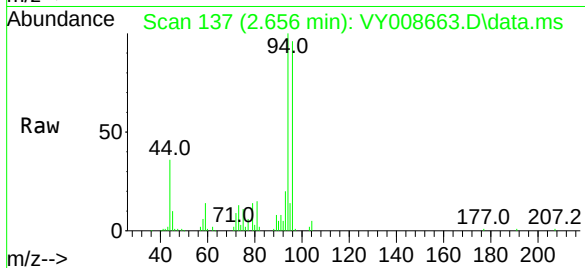




#5
Bromomethane
Concen: 23.343 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008663.D
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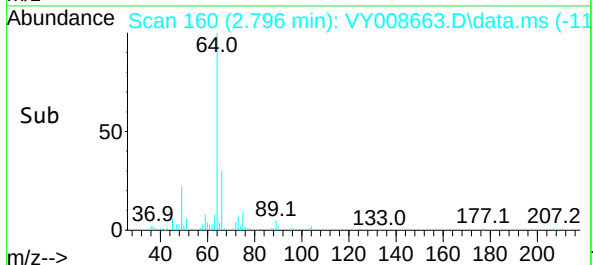
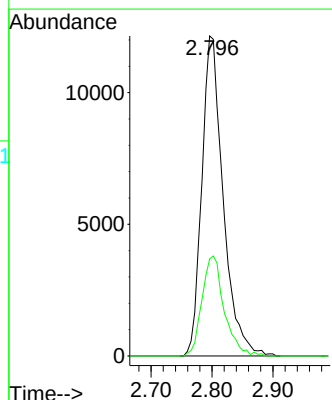
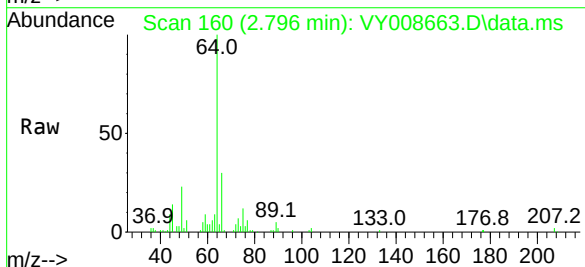
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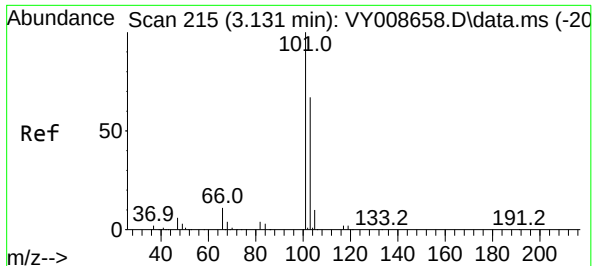
Tgt Ion: 94 Resp: 34888
Ion Ratio Lower Upper
94 100
96 95.5 73.5 110.3



#6
Chloroethane
Concen: 23.189 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 29589
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.0

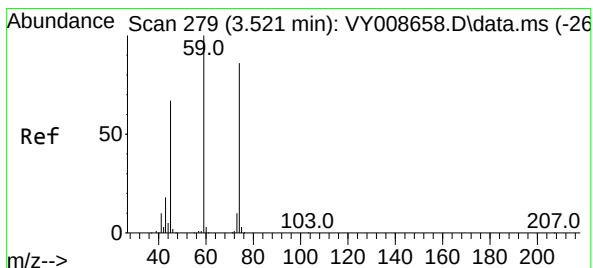
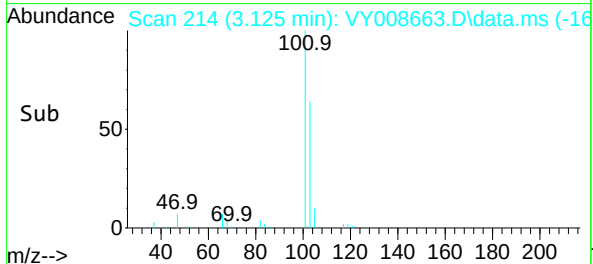
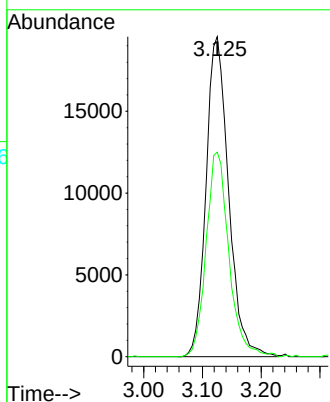
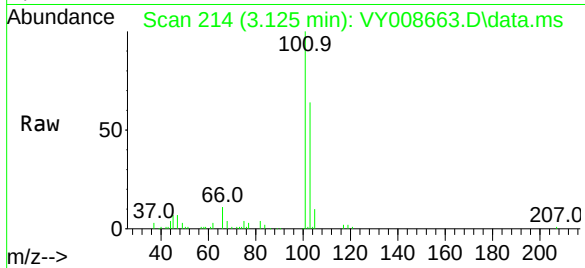




#7
 Trichlorofluoromethane
 Concen: 23.144 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY008663.D
 Acq: 09 May 2022 16:17

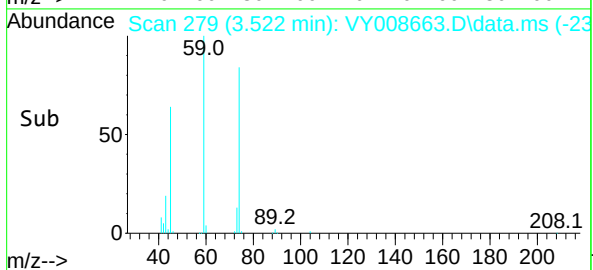
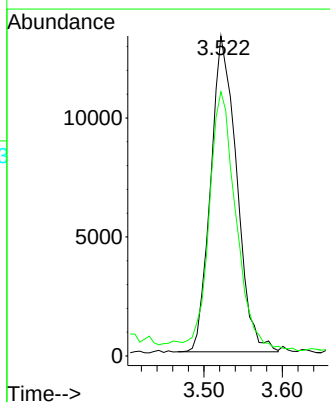
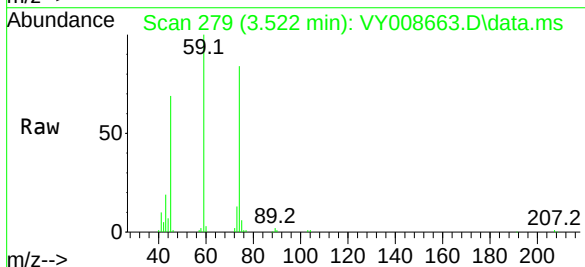
Instrument :
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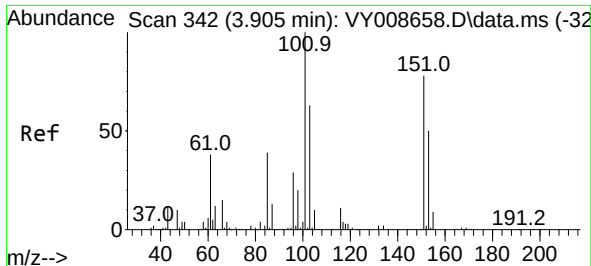
Tgt Ion:101 Resp: 52078
 Ion Ratio Lower Upper
 101 100
 103 63.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 21.496 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 30601
 Ion Ratio Lower Upper
 74 100
 45 86.5 55.1 165.5

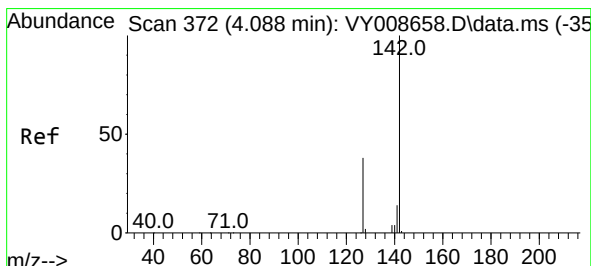
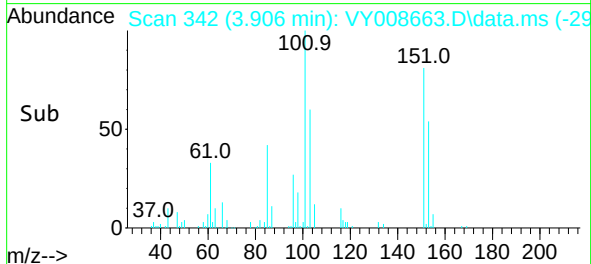
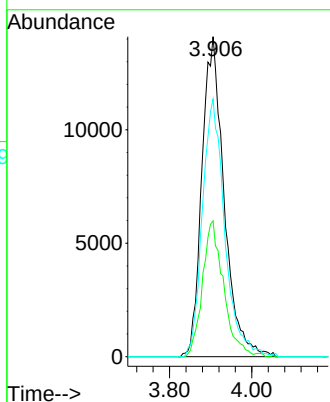
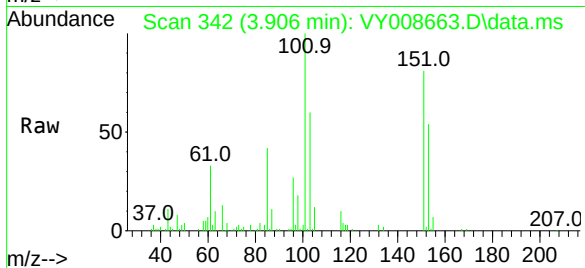




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.978 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

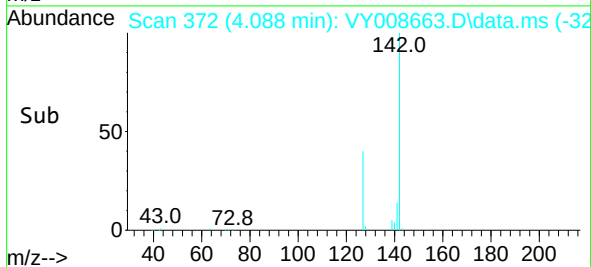
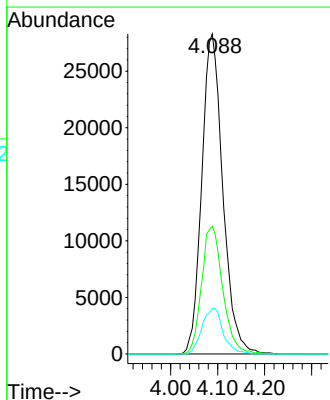
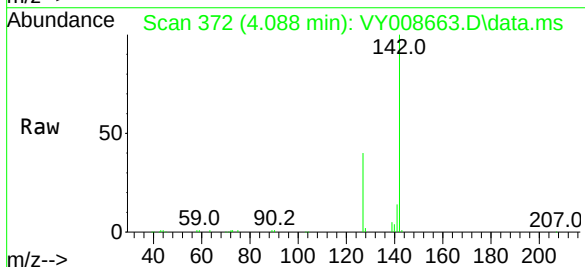
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

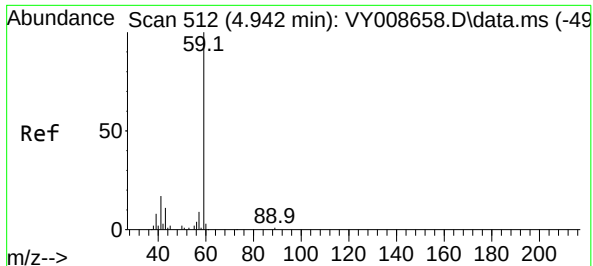
Tgt Ion:101 Resp: 52910
Ion Ratio Lower Upper
101 100
85 40.1 40.6 60.8#
151 81.1 64.9 97.3



#10
Methyl Iodide
Concen: 23.020 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion:142 Resp: 87969
Ion Ratio Lower Upper
142 100
127 40.1 41.5 62.3#
141 14.3 11.9 17.9

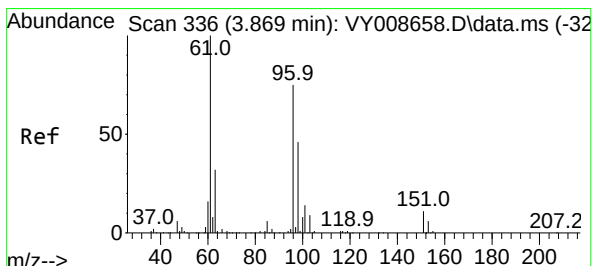
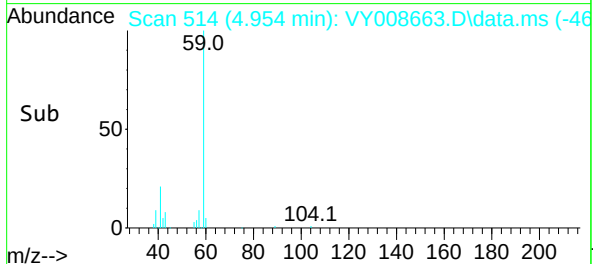
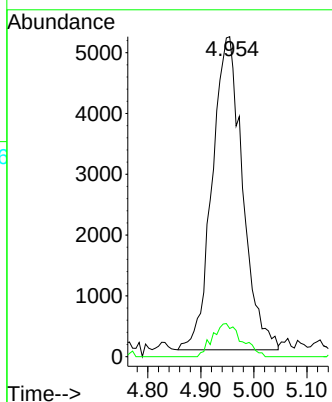
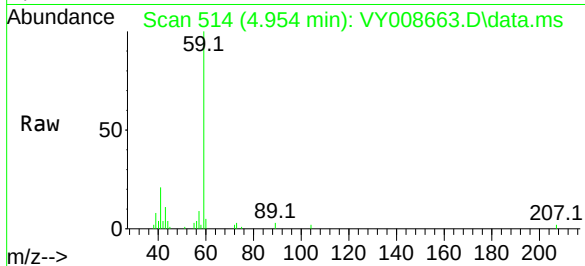




#11
Tert butyl alcohol
Concen: 115.430 ug/l
RT: 4.954 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

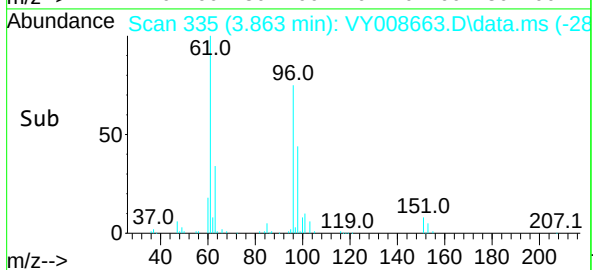
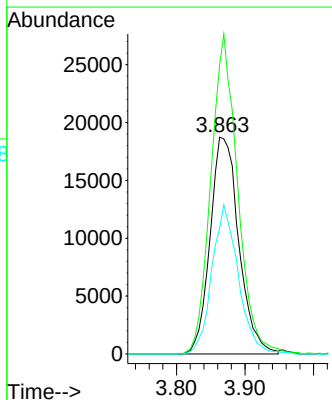
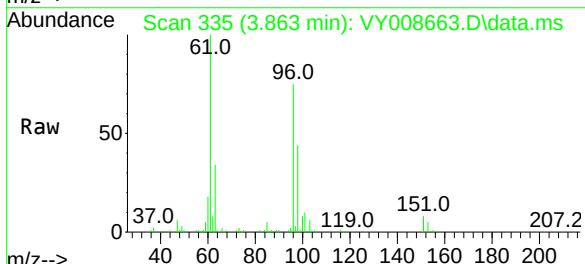
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

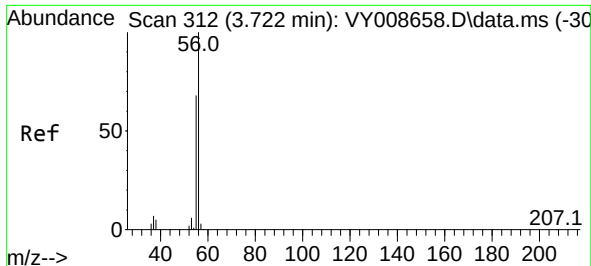
Tgt Ion: 59 Resp: 20511
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 22.860 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 96 Resp: 54473
Ion Ratio Lower Upper
96 100
61 133.2 145.8 218.6#
98 58.0 52.5 78.7

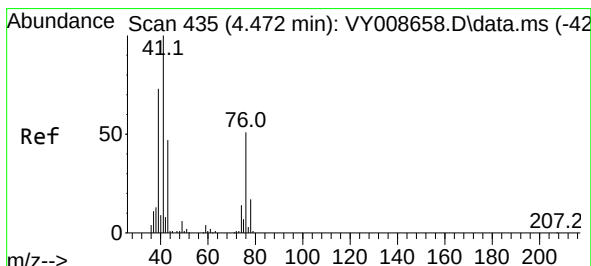
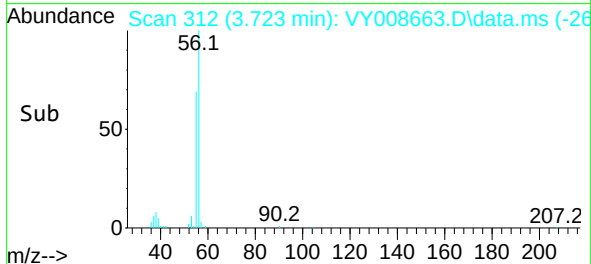
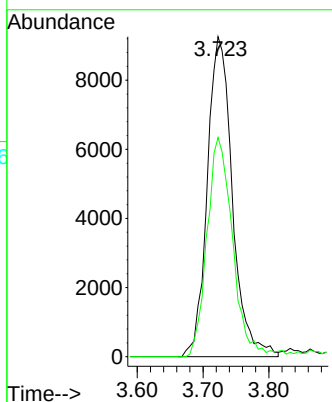
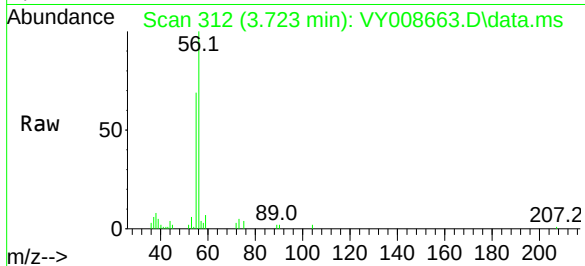




#13
Acrolein
Concen: 127.641 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

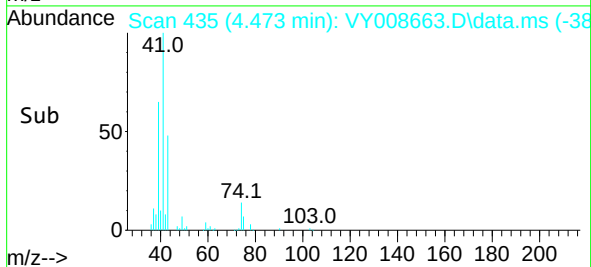
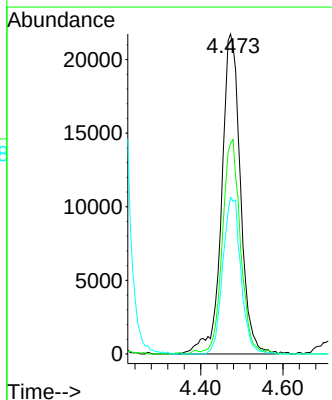
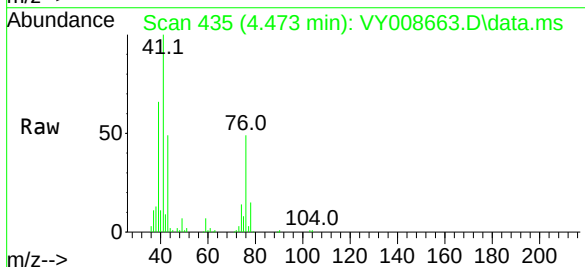
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

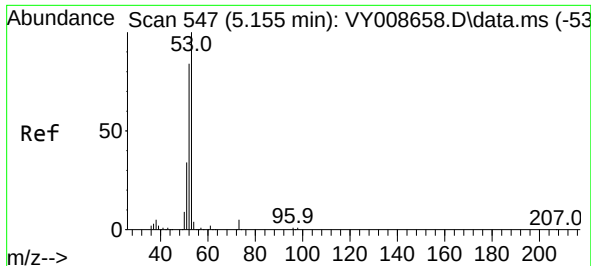
Tgt Ion: 56 Resp: 24586
Ion Ratio Lower Upper
56 100
55 69.4 57.6 86.4



#14
Allyl chloride
Concen: 22.475 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 41 Resp: 69286
Ion Ratio Lower Upper
41 100
39 64.2 58.8 88.2
76 46.8 25.1 37.7#

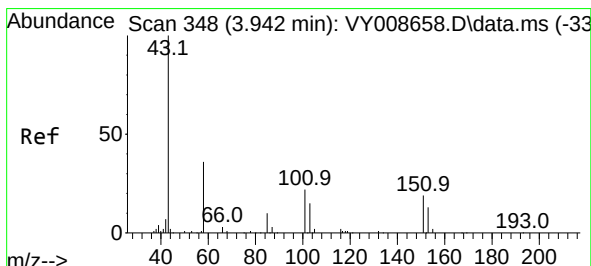
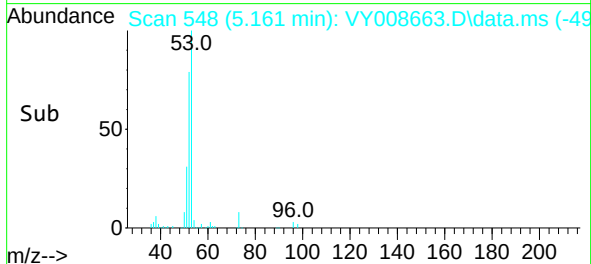
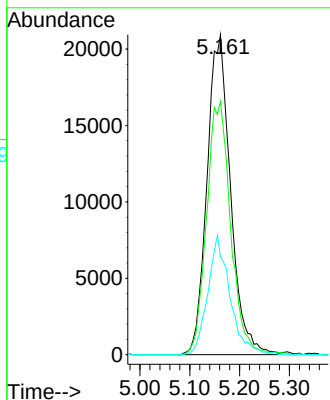
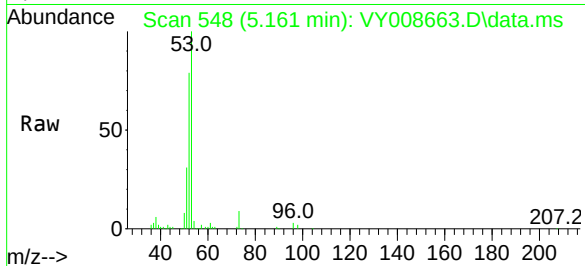




#15
Acrylonitrile
Concen: 107.537 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

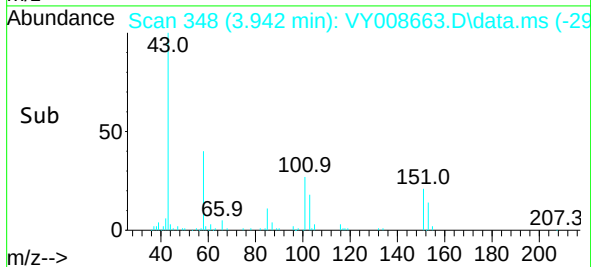
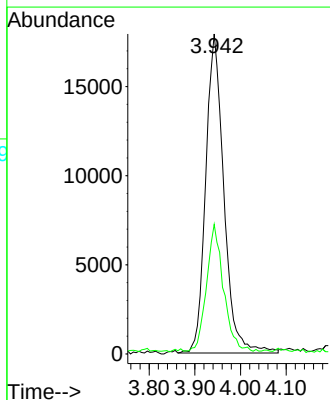
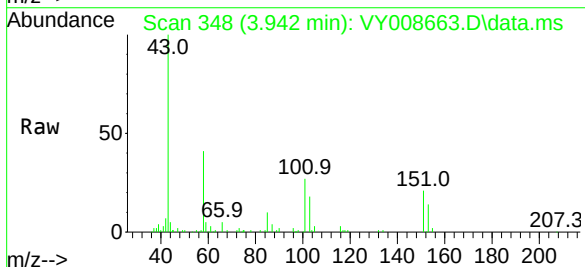
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

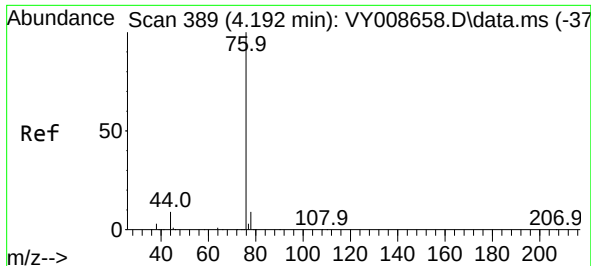
Tgt Ion: 53 Resp: 68600
Ion Ratio Lower Upper
53 100
52 80.6 67.0 100.4
51 35.0 29.8 44.6



#16
Acetone
Concen: 107.320 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 43 Resp: 49388
Ion Ratio Lower Upper
43 100
58 39.7 22.0 33.0#

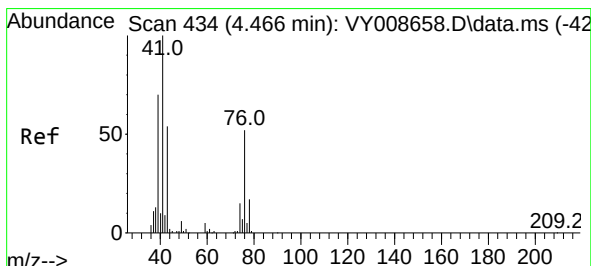
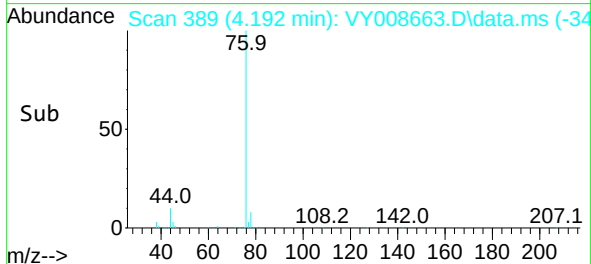
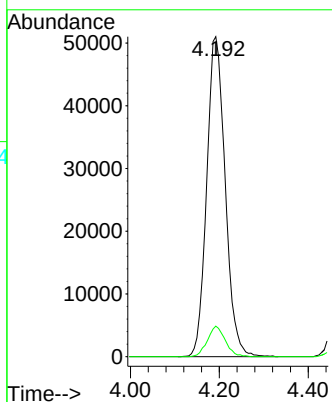
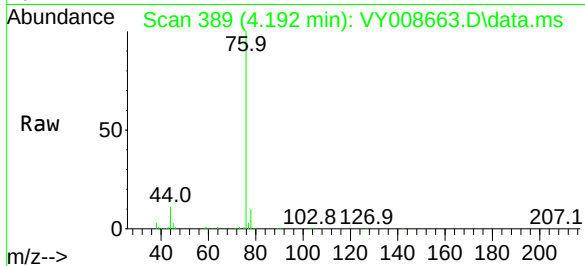




#17
Carbon Disulfide
Concen: 23.395 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

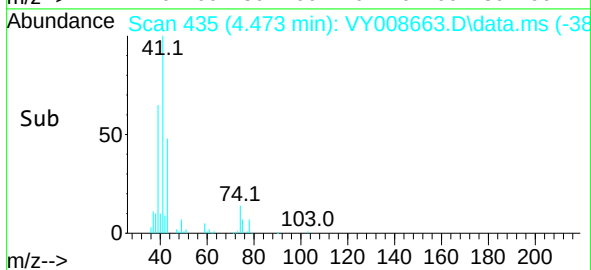
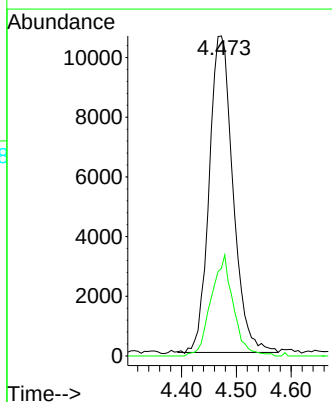
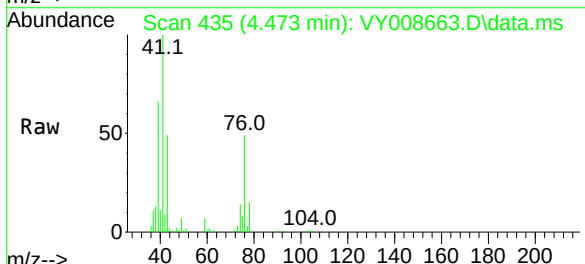
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

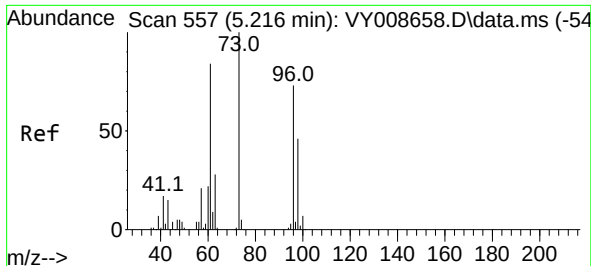
Tgt Ion: 76 Resp: 147859
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 22.638 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 43 Resp: 32061
Ion Ratio Lower Upper
43 100
74 29.6 16.6 24.8#

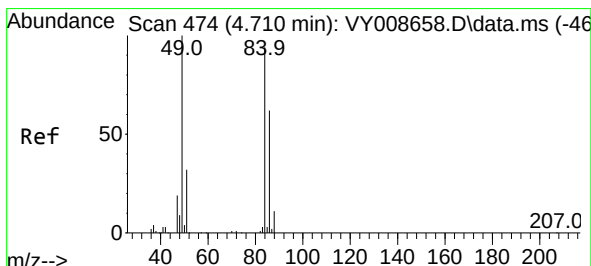
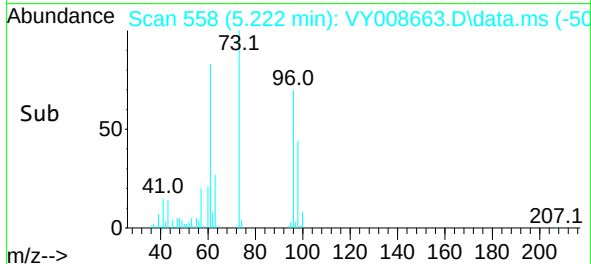
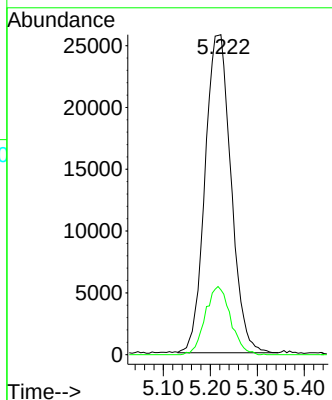
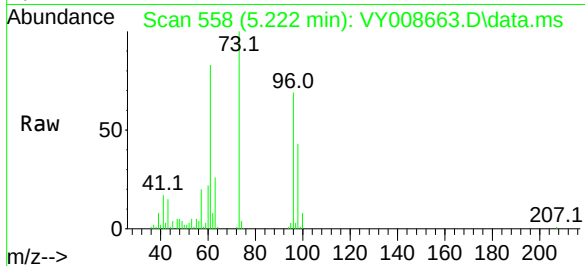




#19
Methyl tert-butyl Ether
Concen: 22.474 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

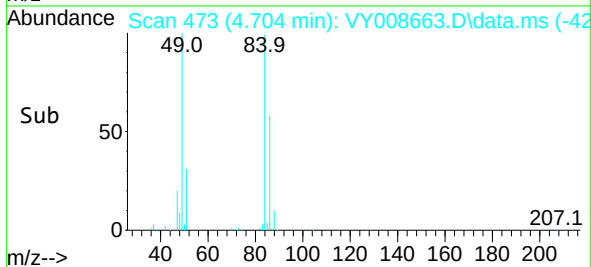
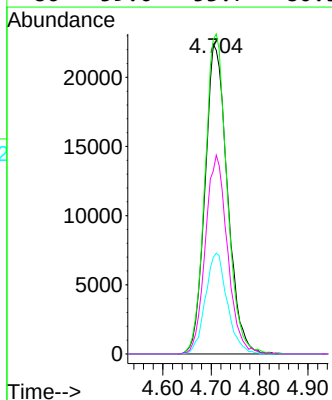
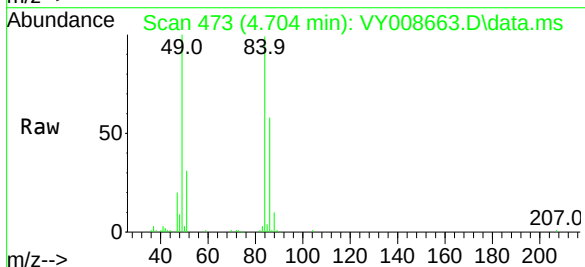
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

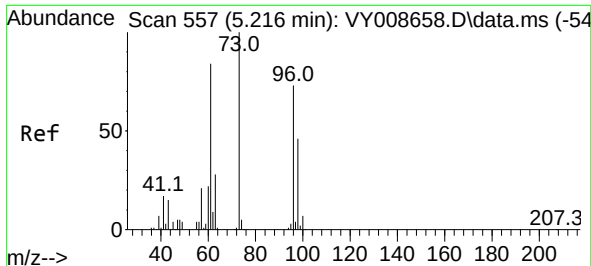
Tgt Ion: 73 Resp: 98724
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8



#20
Methylene Chloride
Concen: 25.805 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 84 Resp: 72118
Ion Ratio Lower Upper
84 100
49 101.5 114.4 171.6#
51 31.1 35.3 52.9#
86 59.0 53.7 80.5

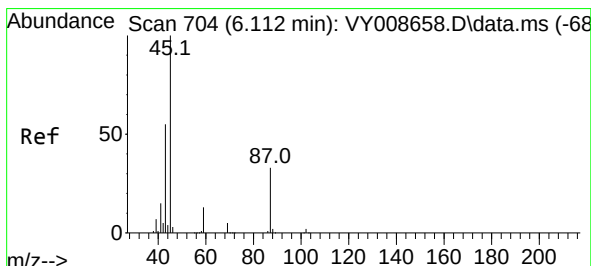
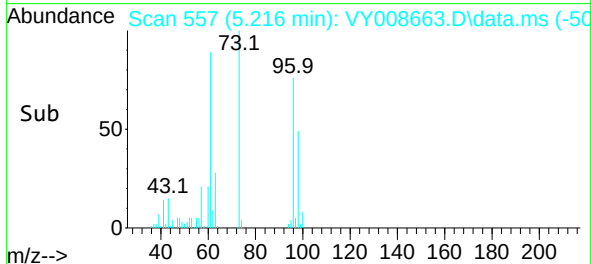
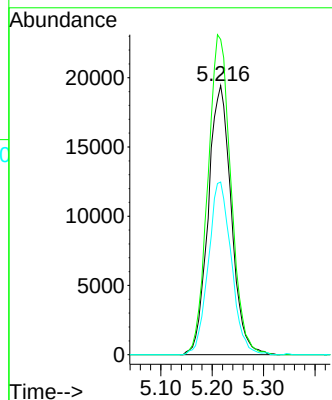
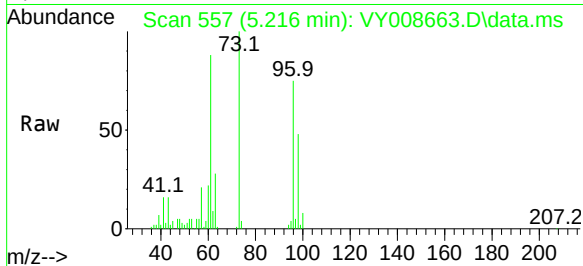




#21
trans-1,2-Dichloroethene
Concen: 22.604 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

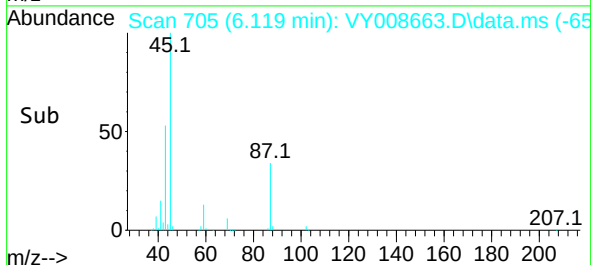
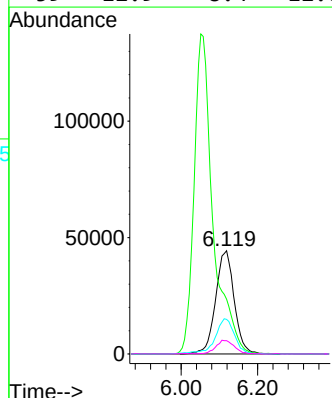
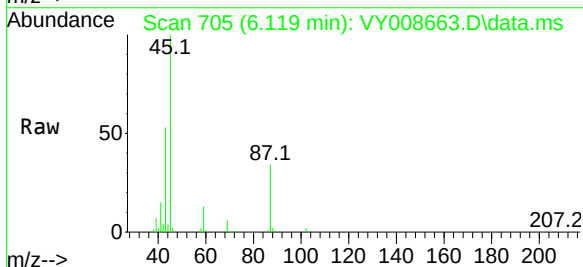
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

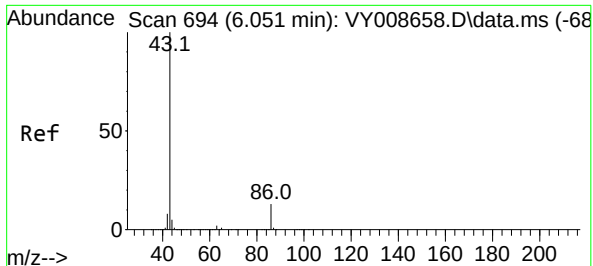
Tgt Ion: 96 Resp: 60542
Ion Ratio Lower Upper
96 100
61 117.2 120.5 180.7#
98 64.1 49.8 74.8



#22
Diisopropyl ether
Concen: 22.470 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 45 Resp: 149951
Ion Ratio Lower Upper
45 100
43 52.7 49.3 73.9
87 33.6 19.2 28.8#
59 12.9 8.4 12.6#

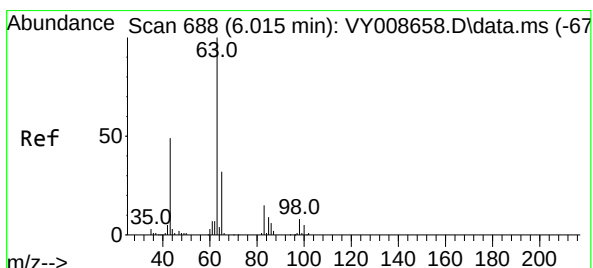
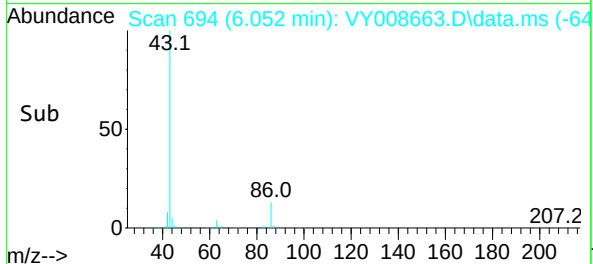
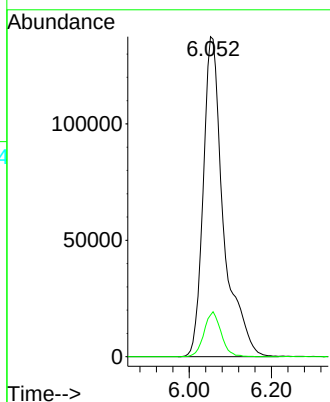
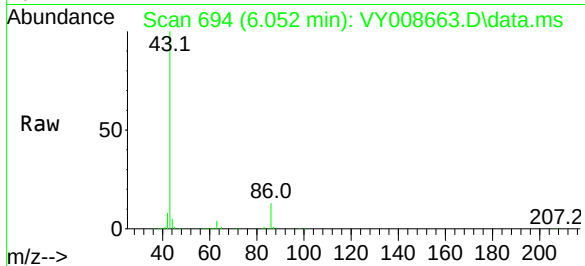




#23
 Vinyl Acetate
 Concen: 111.482 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY008663.D
 Acq: 09 May 2022 16:17

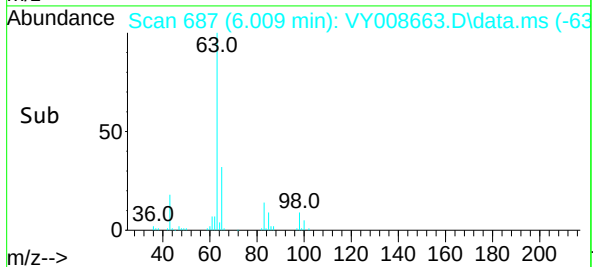
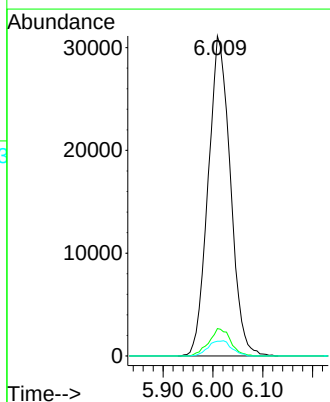
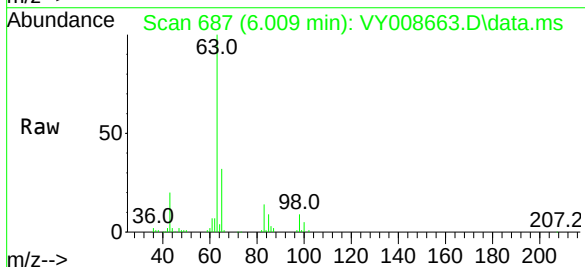
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

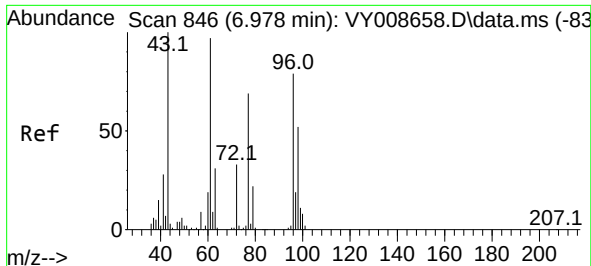
Tgt Ion: 43 Resp: 469914
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.467 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008663.D
 Acq: 09 May 2022 16:17

Tgt Ion: 63 Resp: 96266
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 4.6 2.0 5.8

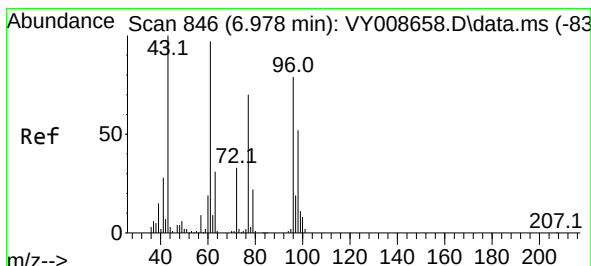
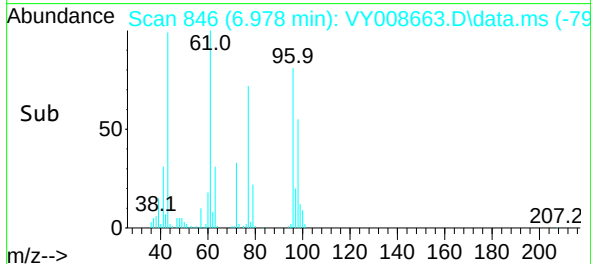
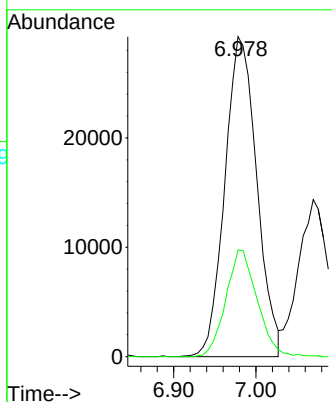
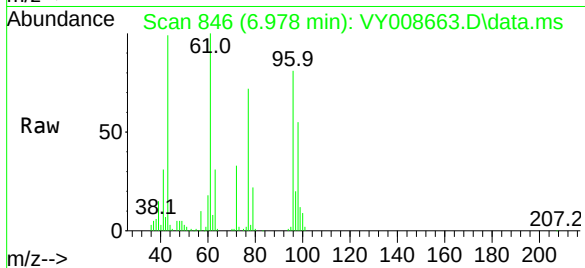




#25
2-Butanone
Concen: 104.595 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

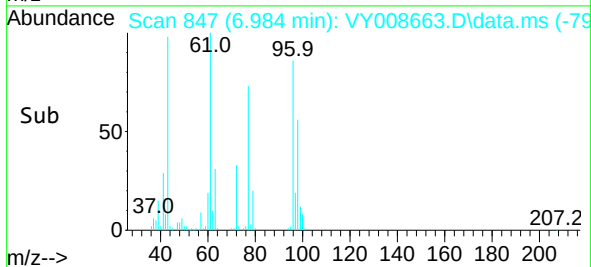
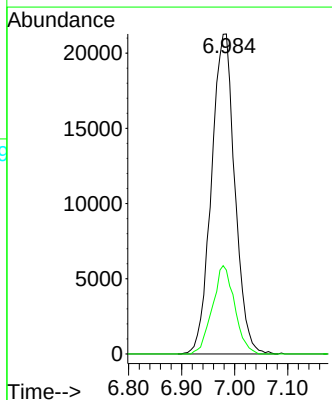
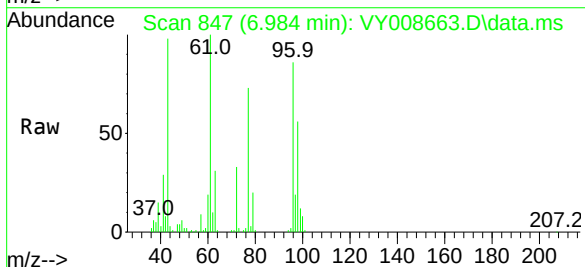
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

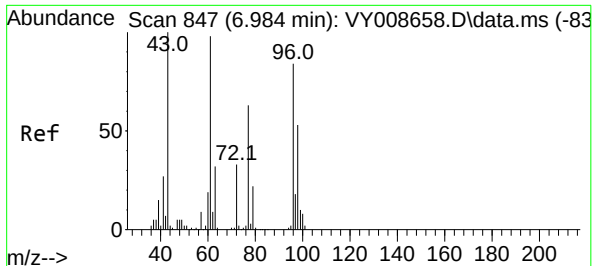
Tgt Ion: 43 Resp: 79124
Ion Ratio Lower Upper
43 100
72 33.3 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 22.733 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 77 Resp: 65118
Ion Ratio Lower Upper
77 100
97 26.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 22.342 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

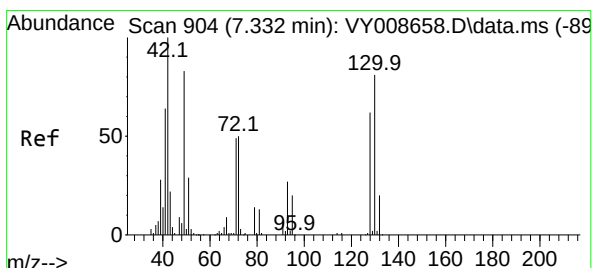
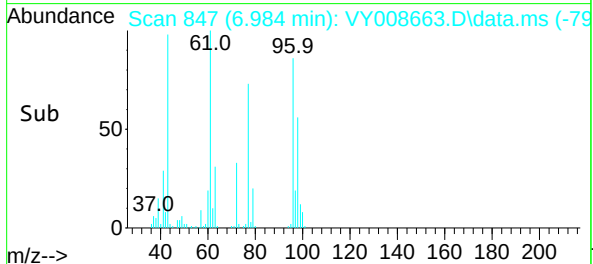
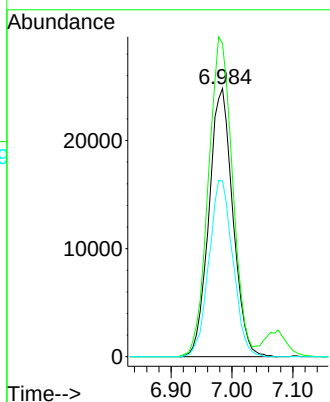
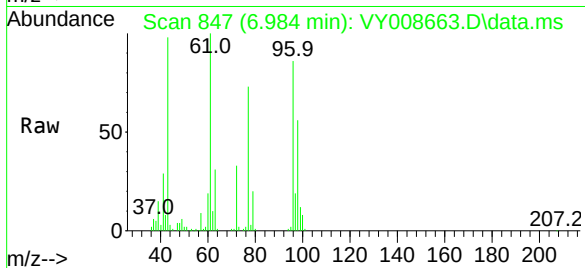
Tgt Ion: 96 Resp: 67648

Ion Ratio Lower Upper

96 100

61 121.5 0.0 319.8

98 65.8 0.0 127.0



#28

Bromochloromethane

Concen: 21.798 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

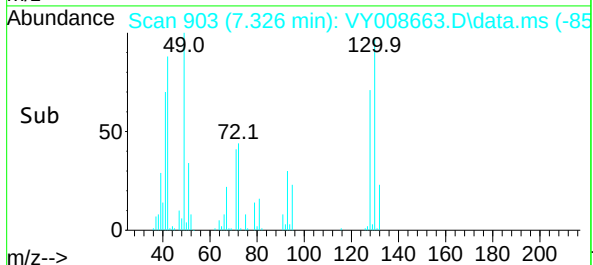
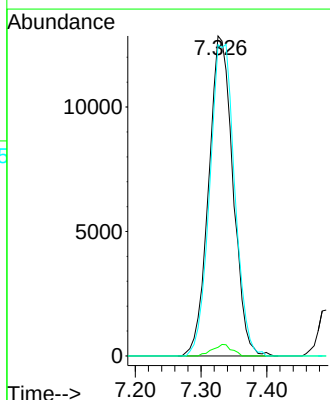
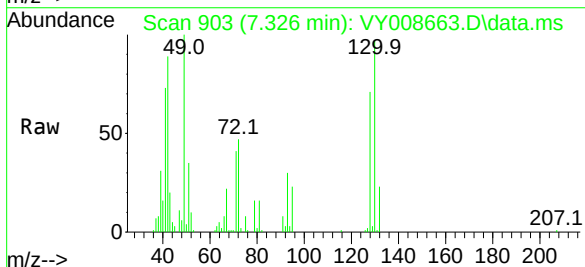
Tgt Ion: 49 Resp: 33121

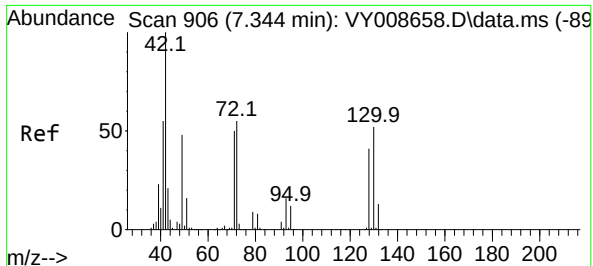
Ion Ratio Lower Upper

49 100

129 2.9 0.0 2.2#

130 100.0 55.4 83.0#





#29

Tetrahydrofuran

Concen: 104.252 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

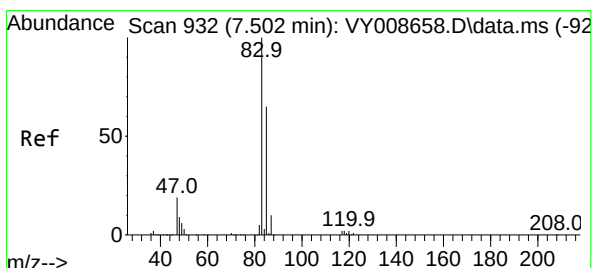
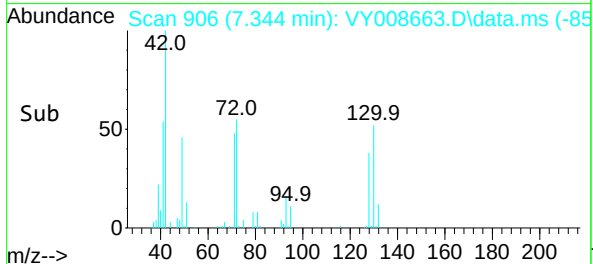
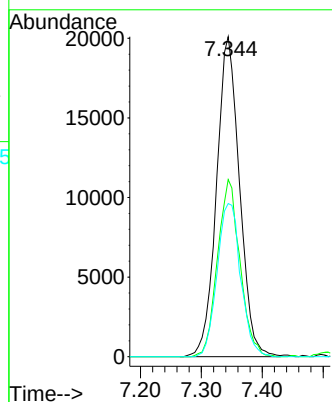
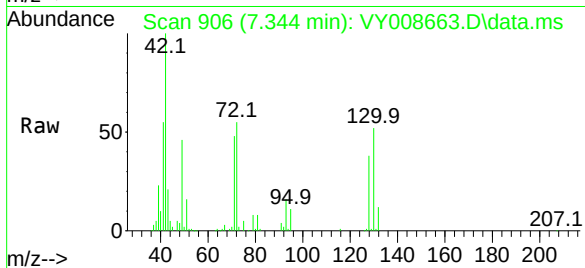
Tgt Ion: 42 Resp: 52707

Ion Ratio Lower Upper

42 100

72 54.0 30.3 45.5#

71 49.0 29.0 43.4#



#30

Chloroform

Concen: 22.322 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY008663.D

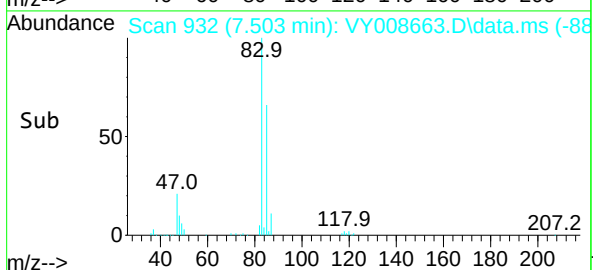
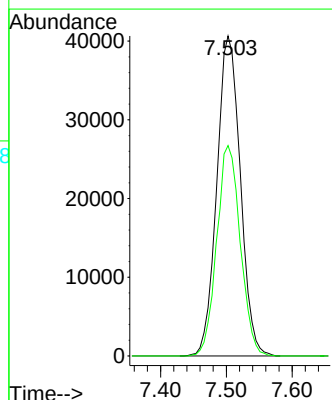
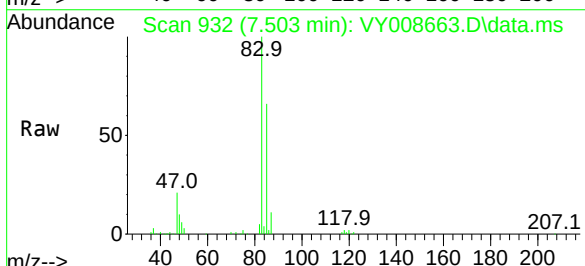
Acq: 09 May 2022 16:17

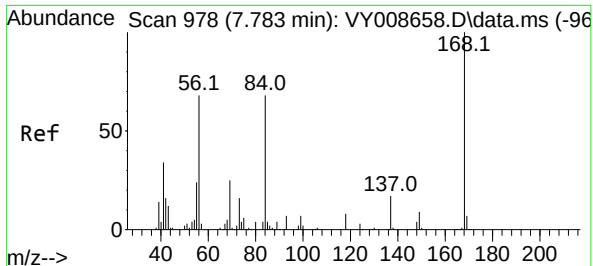
Tgt Ion: 83 Resp: 101148

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.6

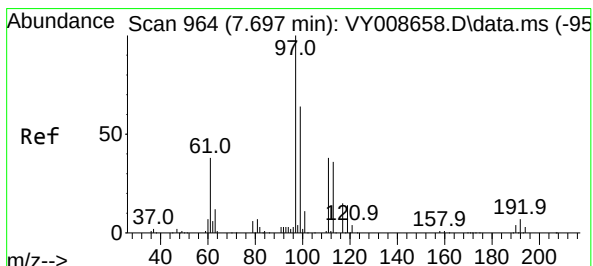
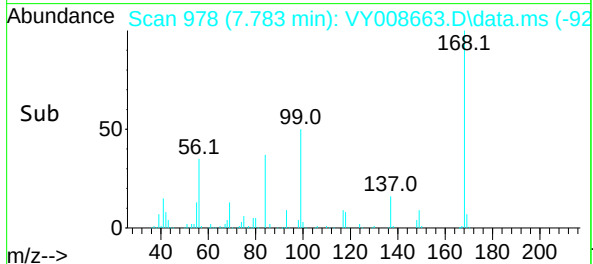
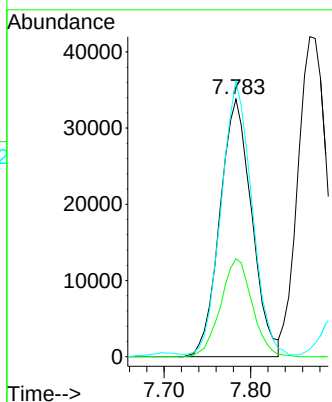
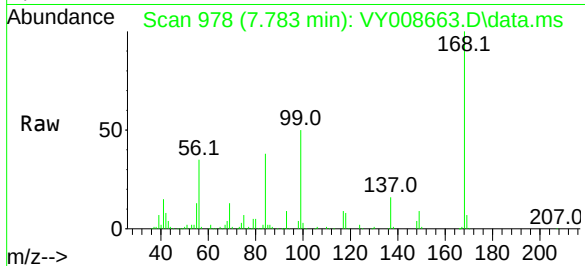




#31
Cyclohexane
Concen: 22.394 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

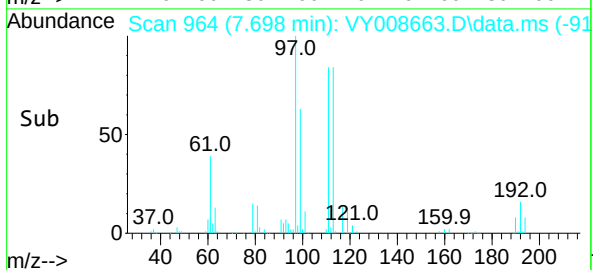
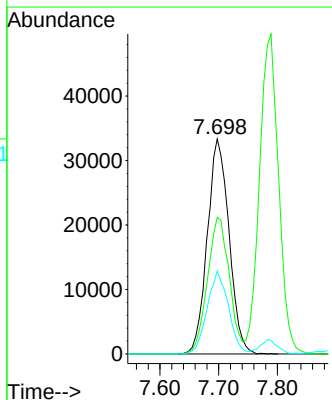
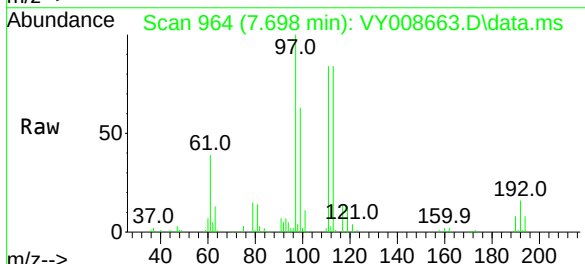
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

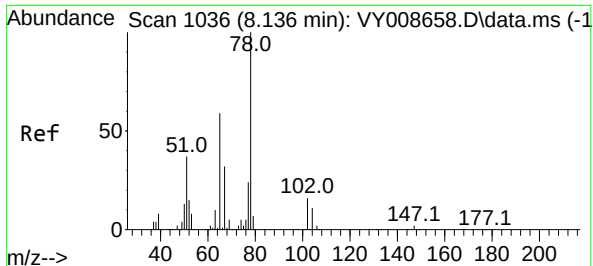
Tgt Ion: 56 Resp: 86408
Ion Ratio Lower Upper
56 100
69 38.0 26.7 40.1
84 105.9 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 23.038 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 97 Resp: 85553
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 37.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 56.098 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

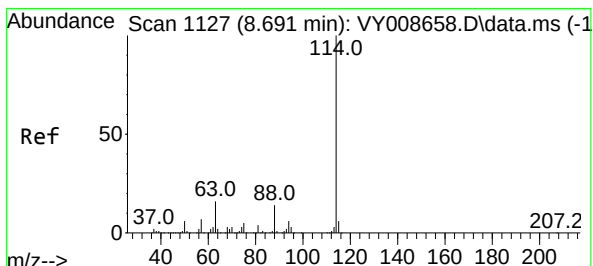
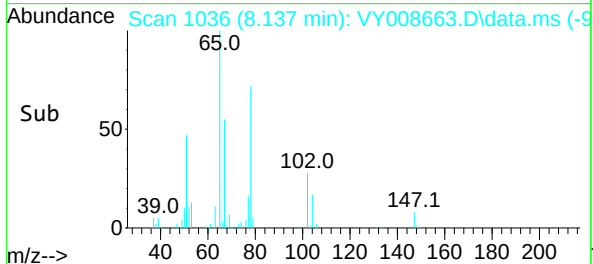
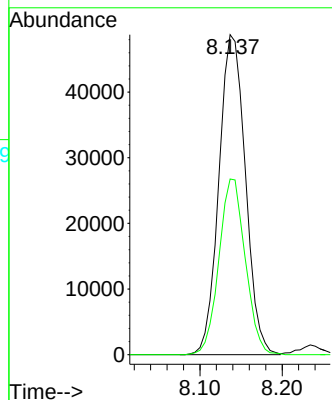
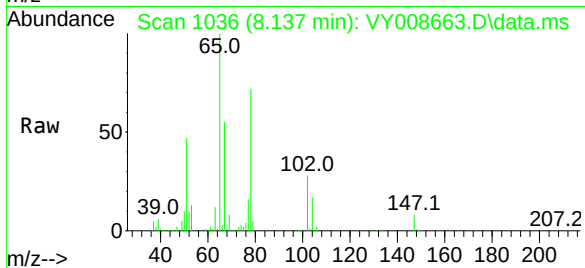
VY0509SBS01

Tgt Ion: 65 Resp: 109425

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

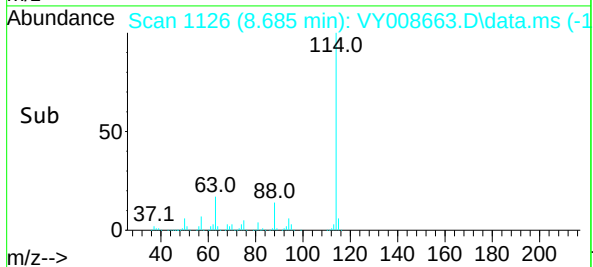
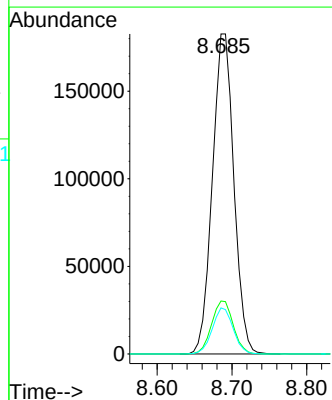
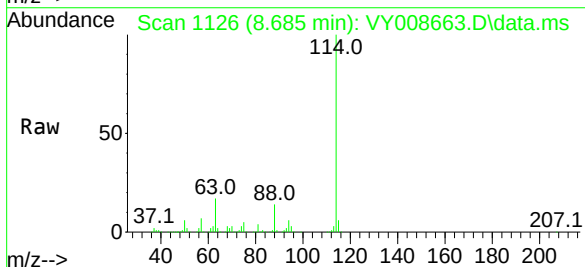
Tgt Ion: 114 Resp: 364642

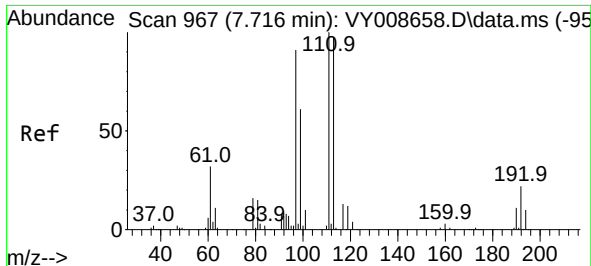
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 14.4 0.0 31.8

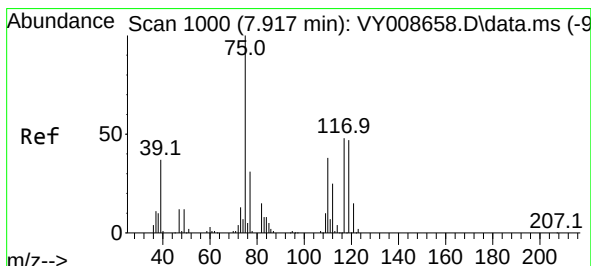
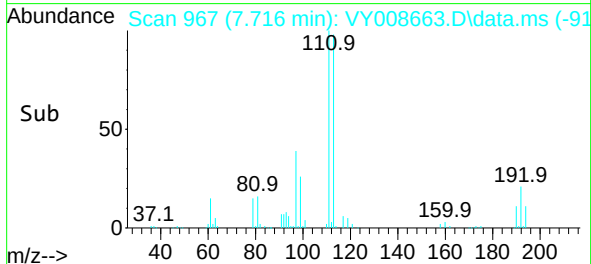
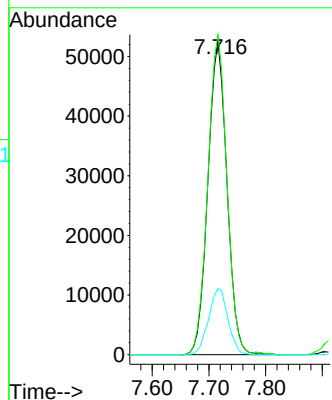
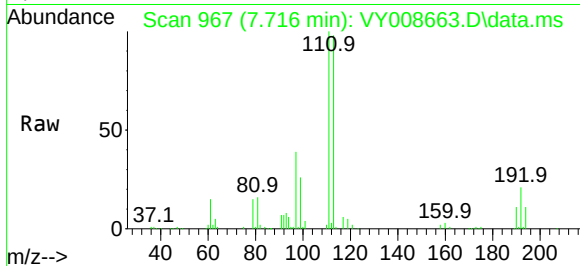




#35
Dibromofluoromethane
Concen: 54.525 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

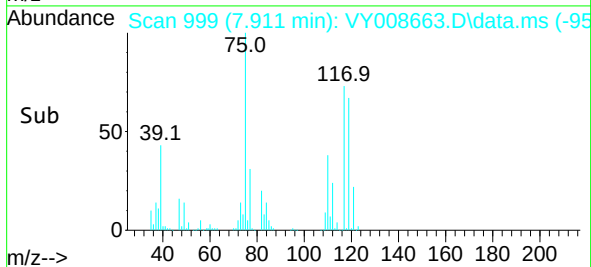
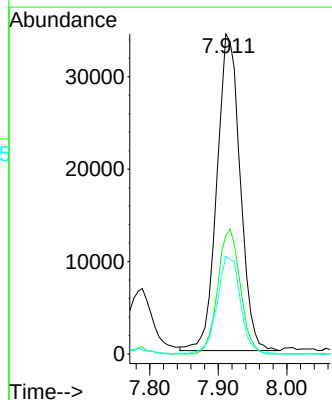
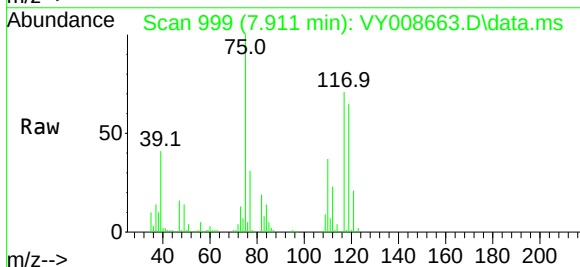
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

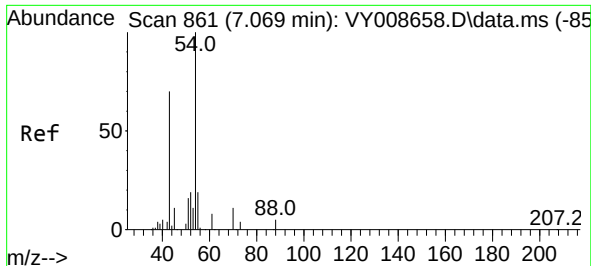
Tgt Ion:113 Resp: 122523
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 22.366 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 75 Resp: 80749
Ion Ratio Lower Upper
75 100
110 38.0 17.1 51.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 21.498 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

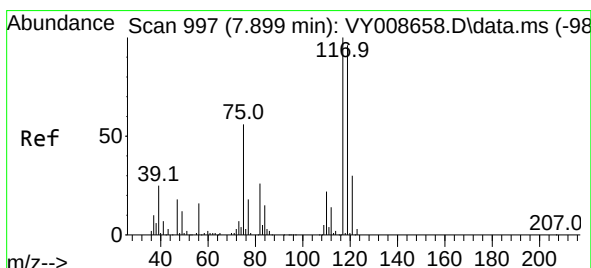
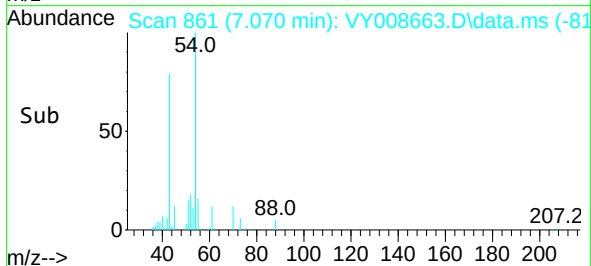
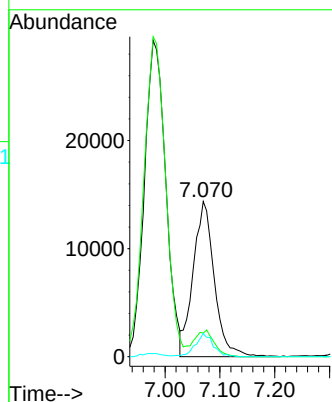
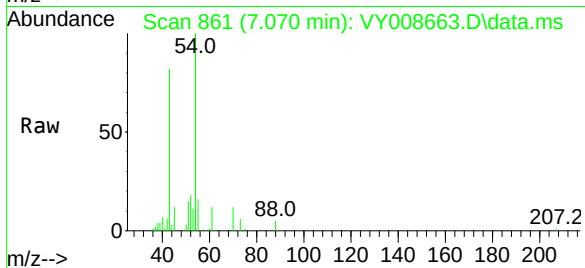
Tgt Ion: 43 Resp: 38592

Ion Ratio Lower Upper

43 100

61 15.2 9.7 14.5#

70 12.6 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 22.609 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

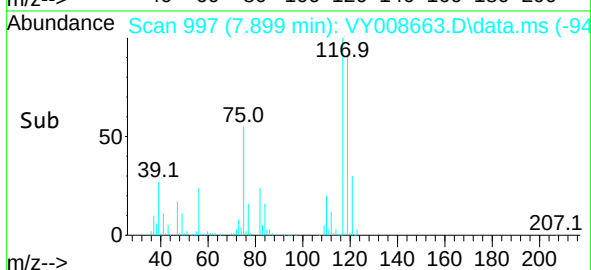
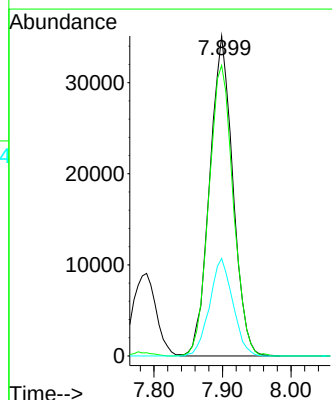
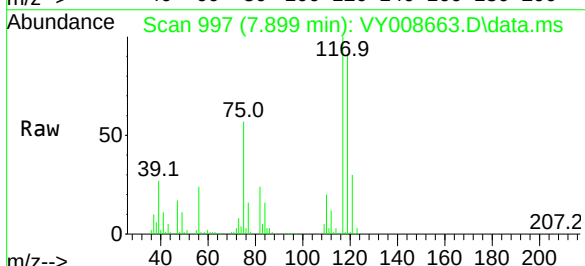
Tgt Ion: 117 Resp: 82560

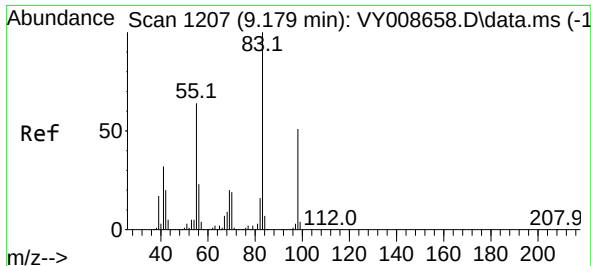
Ion Ratio Lower Upper

117 100

119 90.8 77.9 116.9

121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 22.169 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

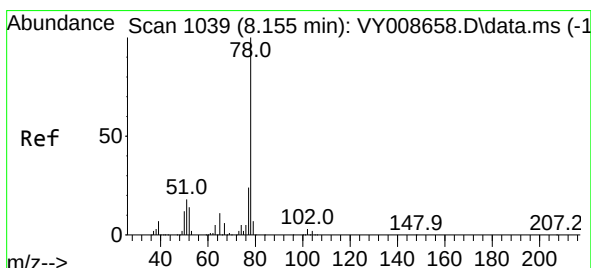
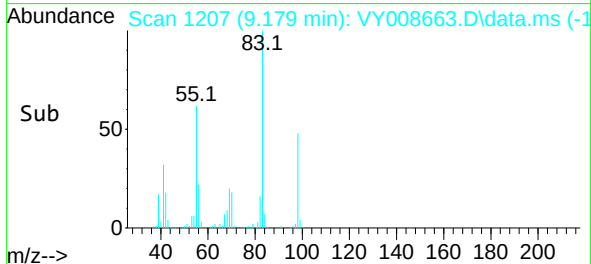
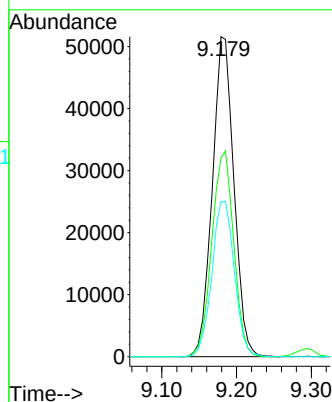
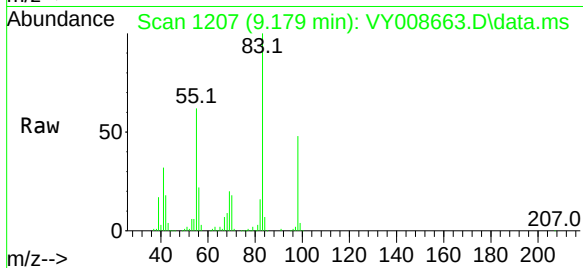
Tgt Ion: 83 Resp: 103513

Ion Ratio Lower Upper

83 100

55 62.1 66.5 99.7#

98 48.4 37.9 56.9



#40

Benzene

Concen: 22.271 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY008663.D

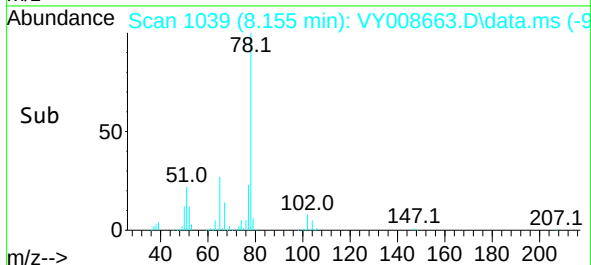
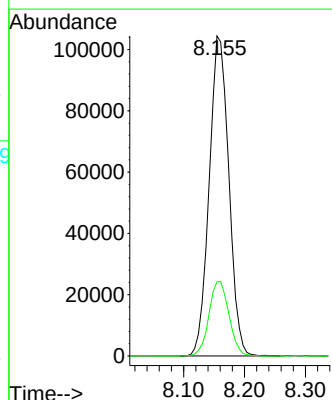
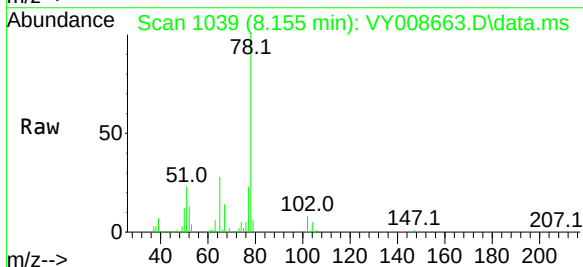
Acq: 09 May 2022 16:17

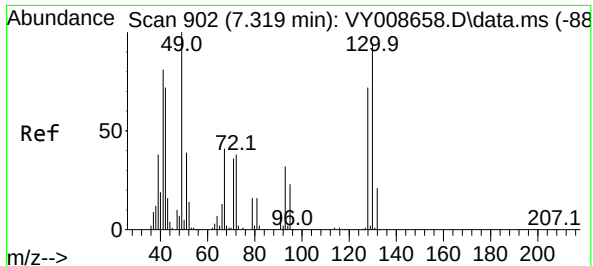
Tgt Ion: 78 Resp: 233617

Ion Ratio Lower Upper

78 100

77 23.2 20.4 30.6

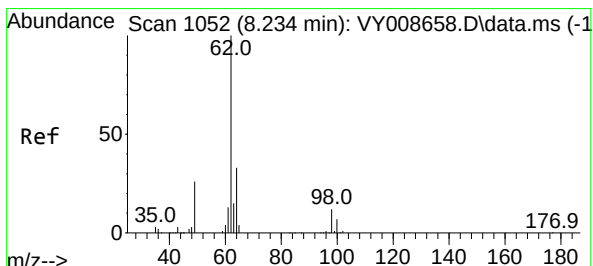
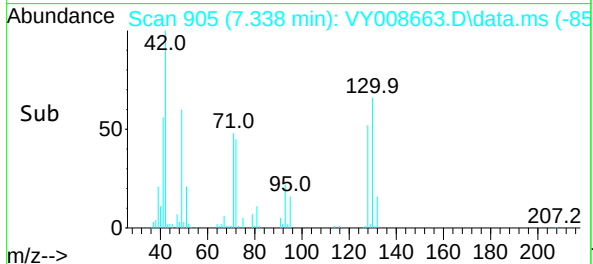
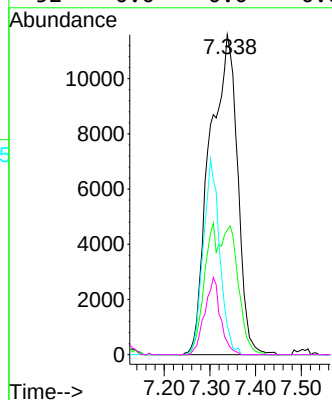
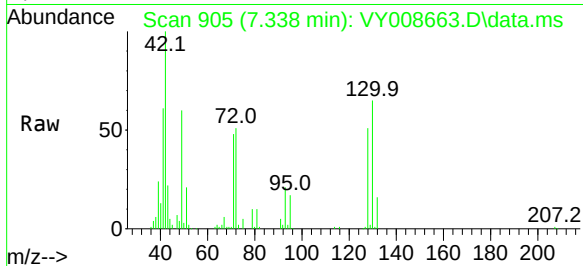




#41
Methacrylonitrile
Concen: 49.363 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

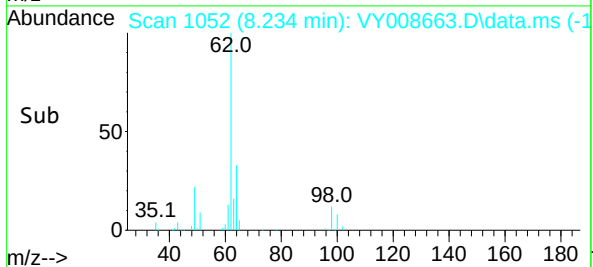
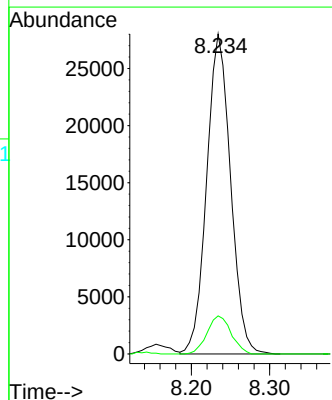
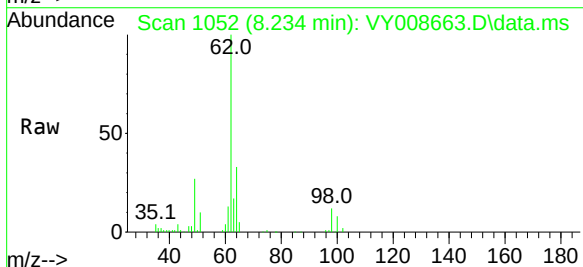
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

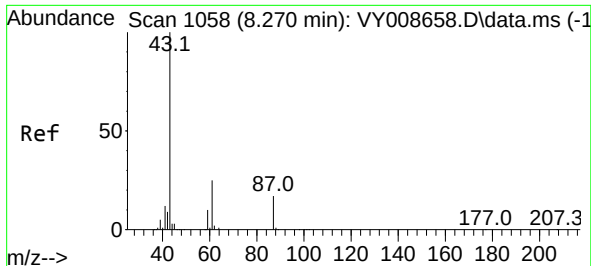
Tgt Ion: 41 Resp: 48862
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.840 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 62 Resp: 59387
Ion Ratio Lower Upper
62 100
98 12.0 0.0 14.8





#43

Isopropyl Acetate

Concen: 21.073 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

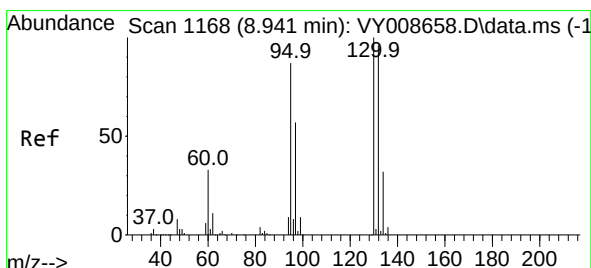
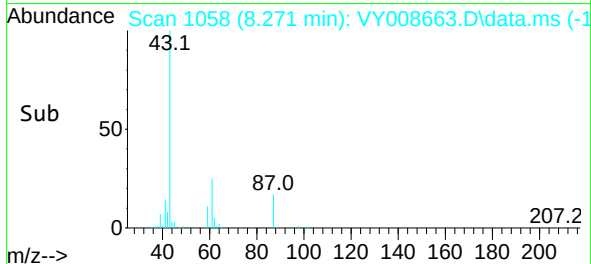
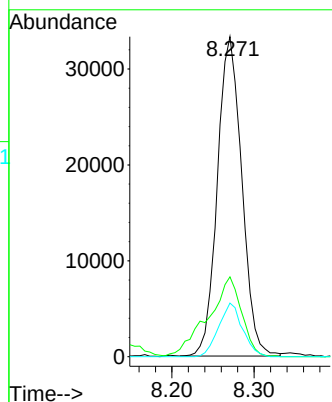
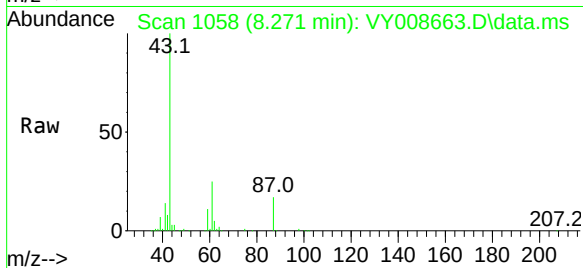
Tgt Ion: 43 Resp: 68721

Ion Ratio Lower Upper

43 100

61 34.5 20.2 30.2#

87 16.4 8.9 13.3#



#44

Trichloroethene

Concen: 21.987 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY008663.D

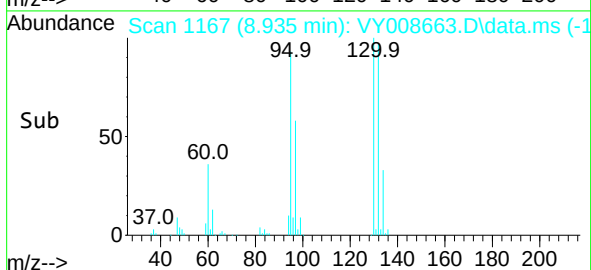
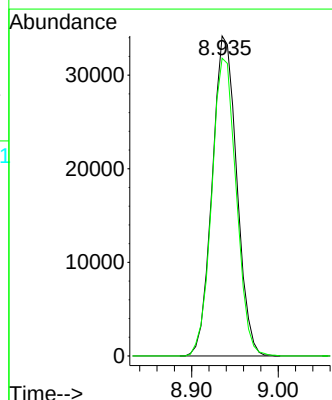
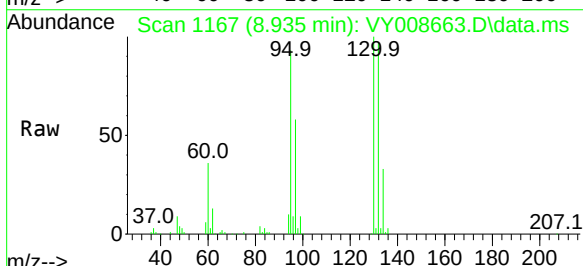
Acq: 09 May 2022 16:17

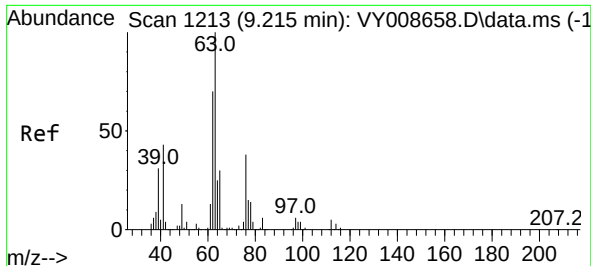
Tgt Ion:130 Resp: 67309

Ion Ratio Lower Upper

130 100

95 93.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 21.764 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

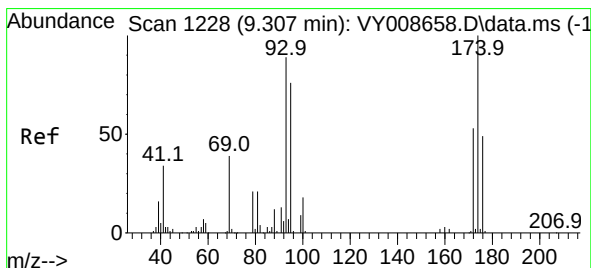
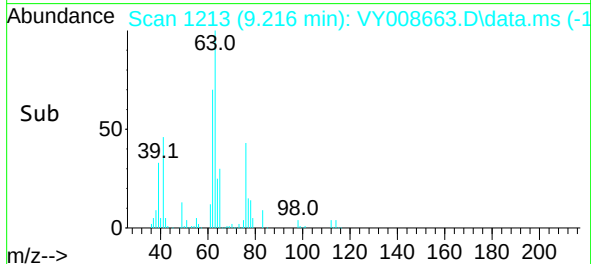
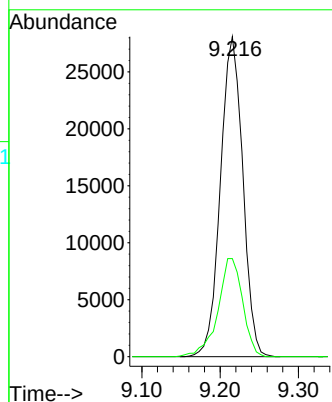
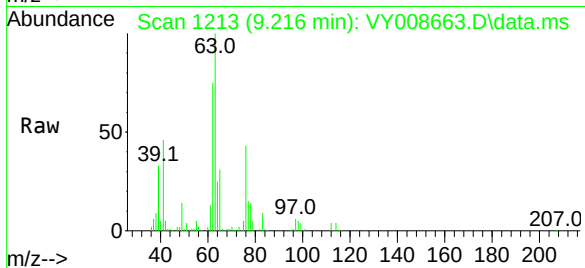
VY0509SBS01

Tgt Ion: 63 Resp: 55701

Ion Ratio Lower Upper

63 100

65 30.6 23.0 34.6



#46

Dibromomethane

Concen: 21.741 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

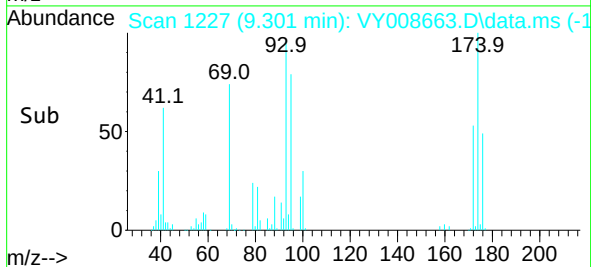
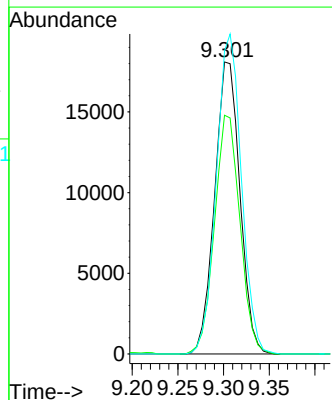
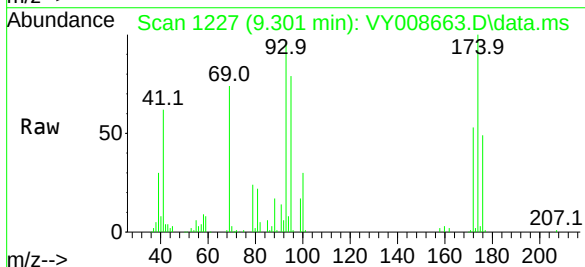
Tgt Ion: 93 Resp: 34825

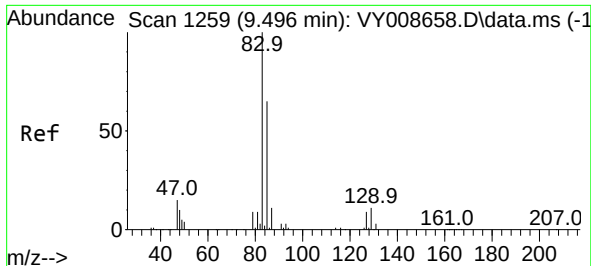
Ion Ratio Lower Upper

93 100

95 82.2 64.3 96.5

174 109.0 83.4 125.0



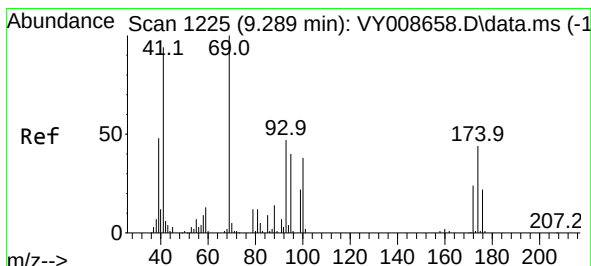
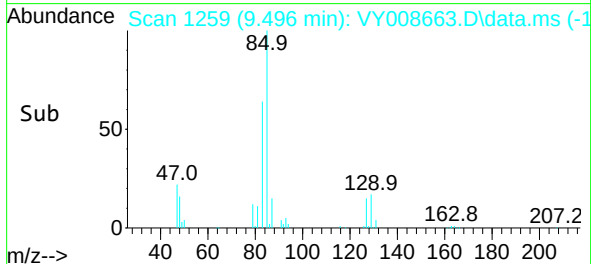
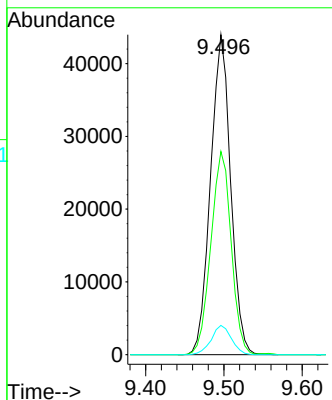
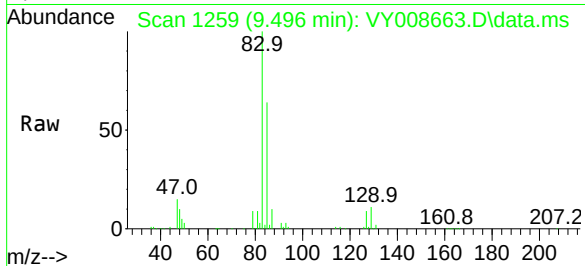


#47
 Bromodichloromethane
 Concen: 21.920 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: VY008663.D
 Acq: 09 May 2022 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Tgt Ion: 83 Resp: 78404

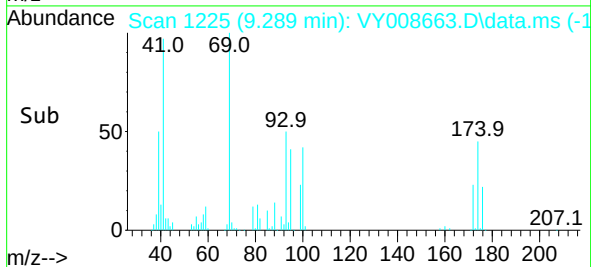
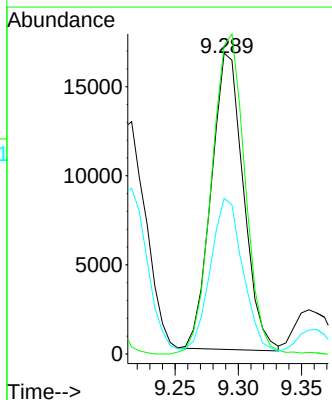
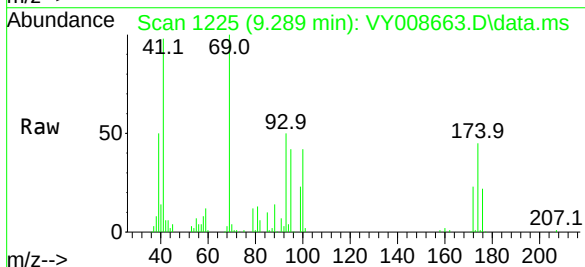
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.9	77.9
127	9.2	6.6	10.0

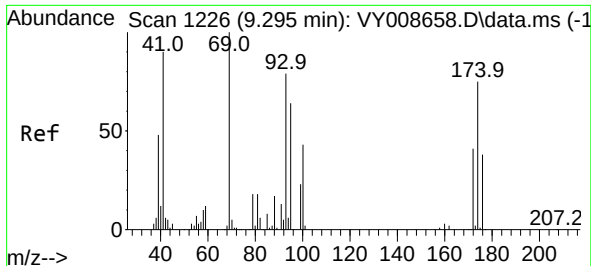


#48
 Methyl methacrylate
 Concen: 20.704 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY008663.D
 Acq: 09 May 2022 16:17

Tgt Ion: 41 Resp: 29391

Ion	Ratio	Lower	Upper
41	100		
69	111.7	58.2	87.2
39	51.8	47.4	71.0





#49

1,4-Dioxane

Concen: 405.674 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

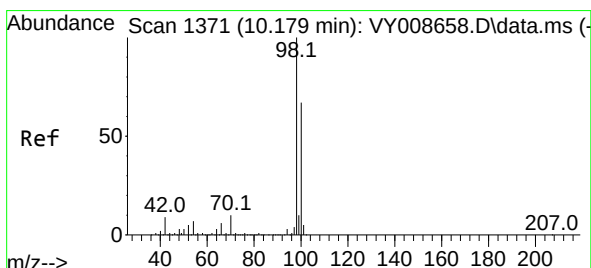
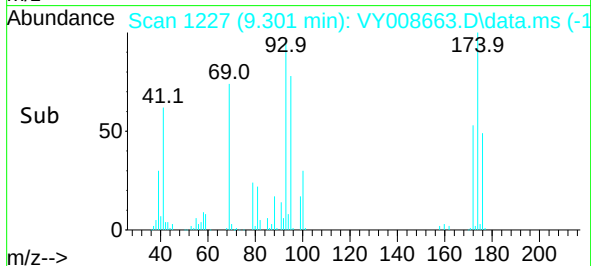
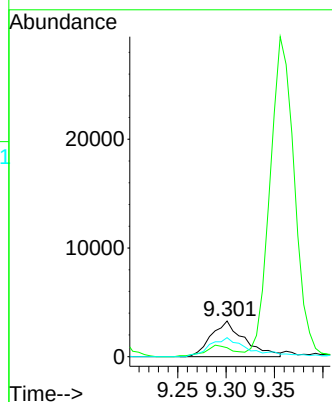
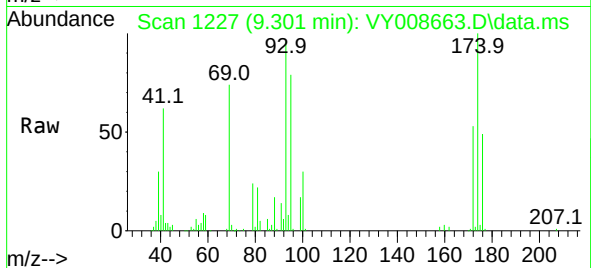
Tgt Ion: 88 Resp: 7858

Ion Ratio Lower Upper

88 100

43 27.7 32.8 49.2#

58 64.3 59.8 89.6



#50

Toluene-d8

Concen: 55.165 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008663.D

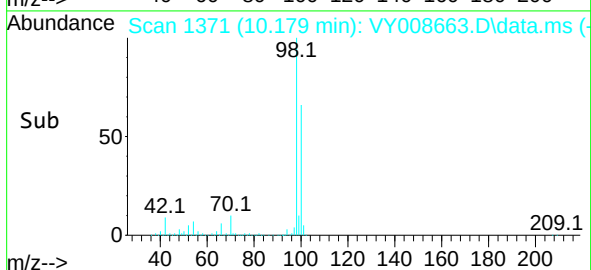
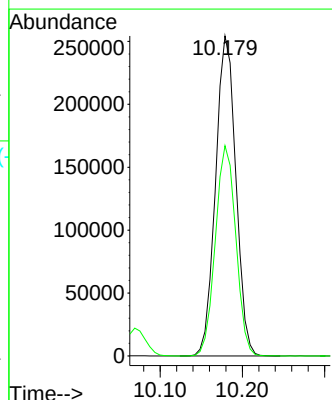
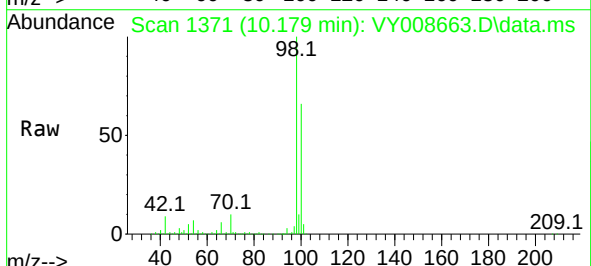
Acq: 09 May 2022 16:17

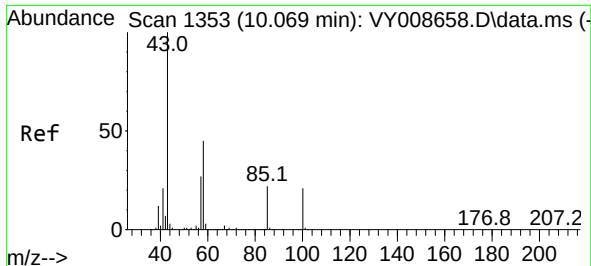
Tgt Ion: 98 Resp: 436831

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.2

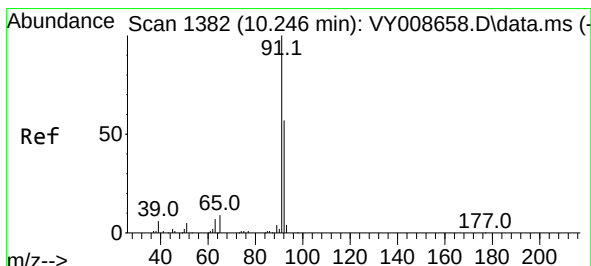
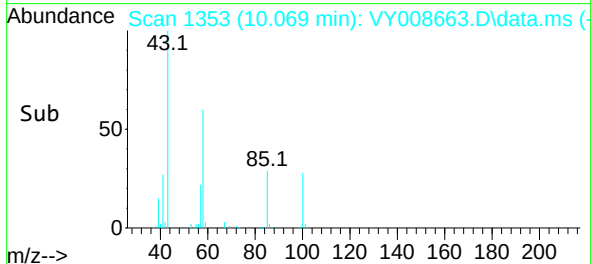
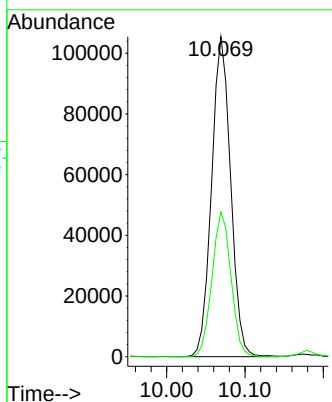
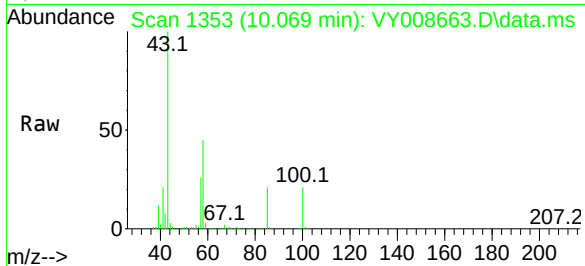




#51
4-Methyl-2-Pentanone
Concen: 104.663 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

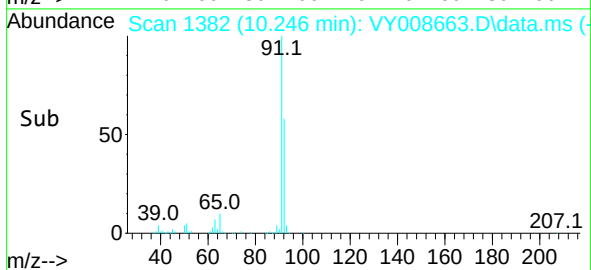
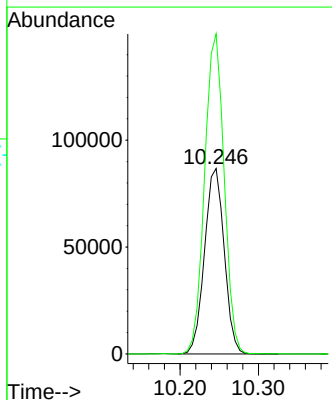
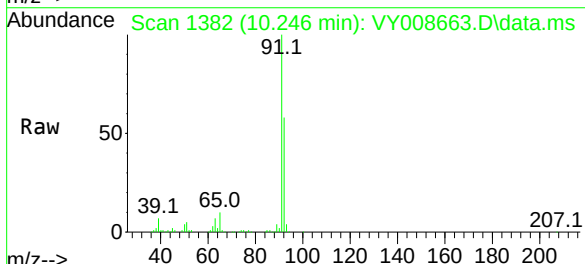
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

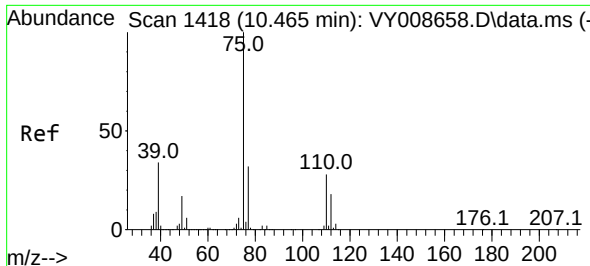
Tgt Ion: 43 Resp: 178513
Ion Ratio Lower Upper
43 100
58 45.0 28.1 42.1#



#52
Toluene
Concen: 22.165 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 92 Resp: 151363
Ion Ratio Lower Upper
92 100
91 171.3 142.6 213.8

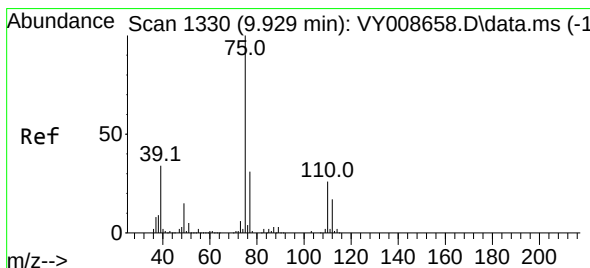
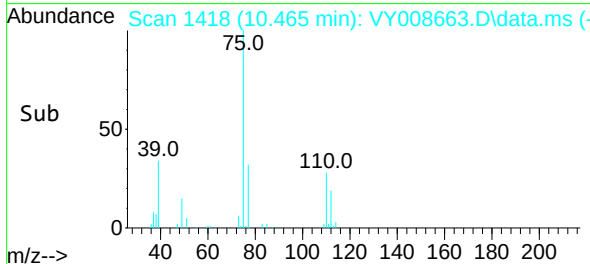
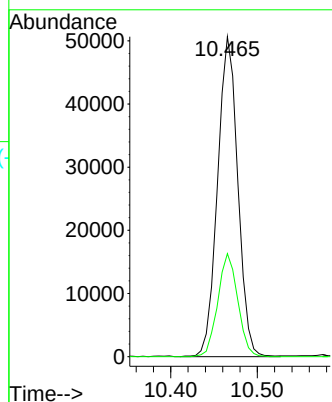
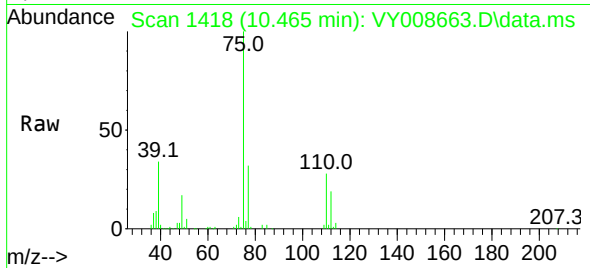




#53
t-1,3-Dichloropropene
Concen: 21.428 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

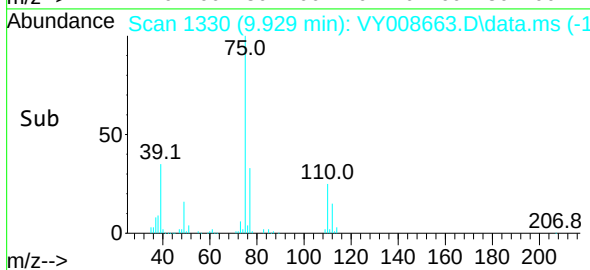
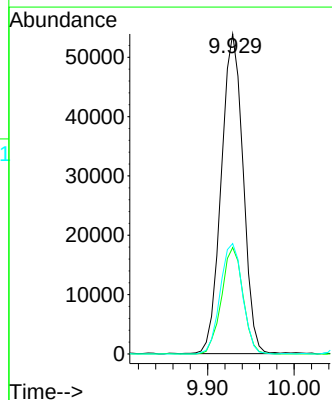
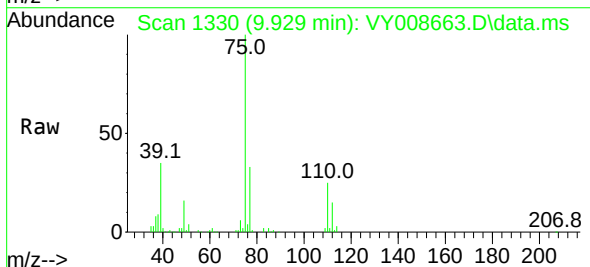
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

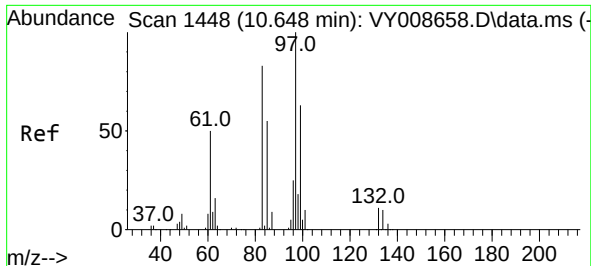
Tgt Ion: 75 Resp: 82362
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 21.485 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 75 Resp: 94241
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
39 34.6 47.6 71.4#

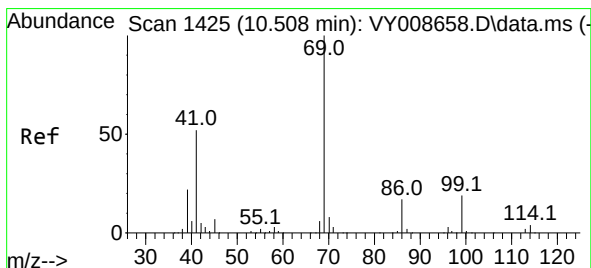
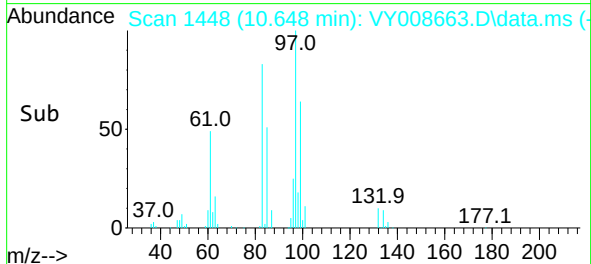
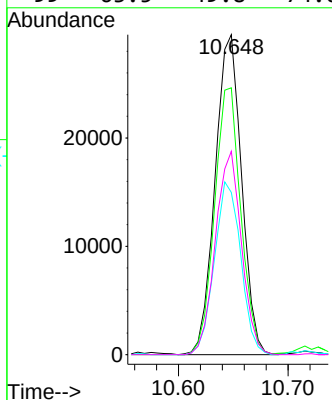
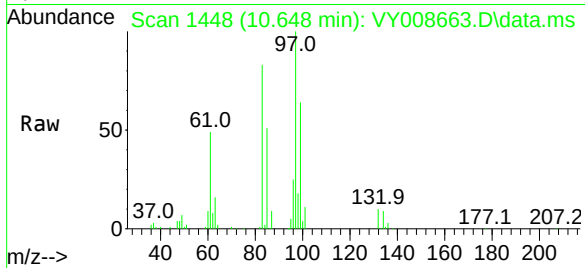




#55
1,1,2-Trichloroethane
Concen: 21.700 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

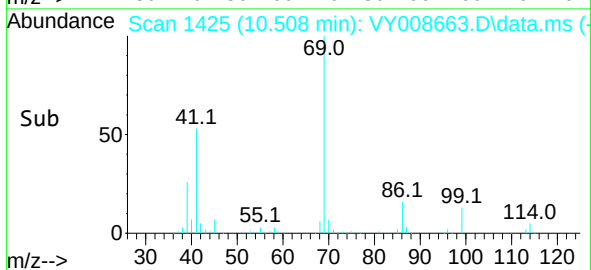
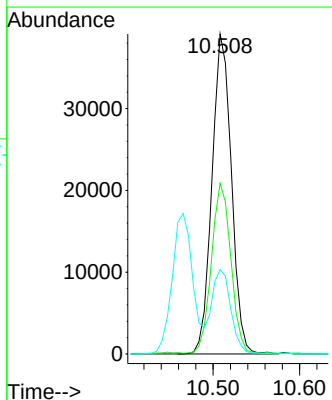
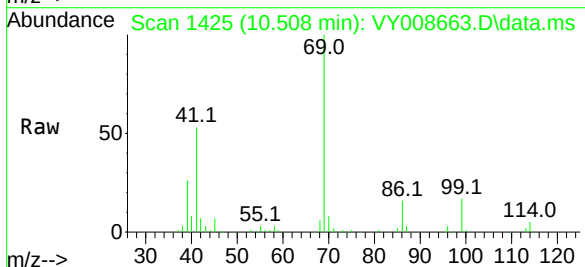
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

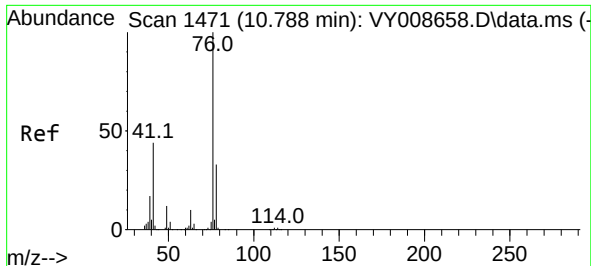
Tgt Ion:	97	Resp:	49569
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.8	104.8
85	50.7	44.3	66.5
99	63.5	49.8	74.6



#56
Ethyl methacrylate
Concen: 21.091 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion:	69	Resp:	60965
Ion	Ratio	Lower	Upper
69	100		
41	53.0	63.4	95.0#
39	25.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 21.765 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

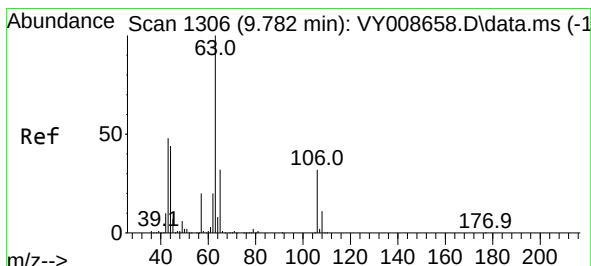
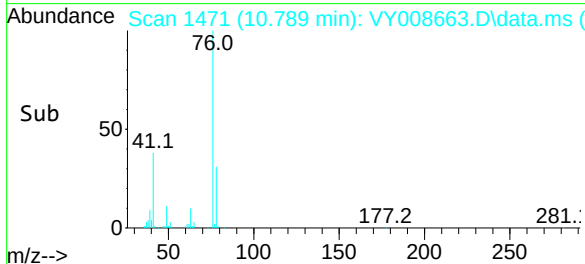
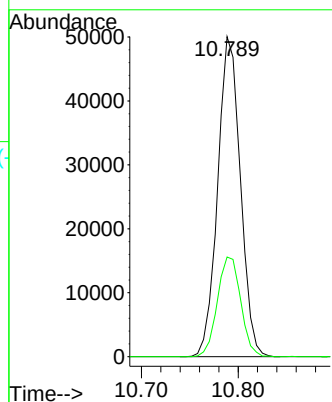
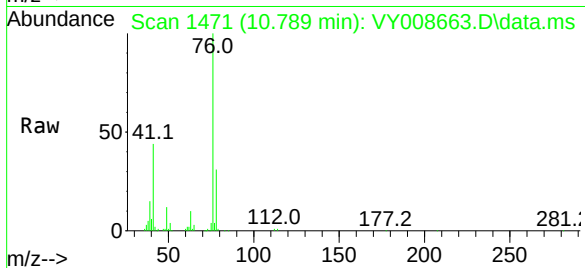
VY0509SBS01

Tgt Ion: 76 Resp: 81327

Ion Ratio Lower Upper

76 100

78 32.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.758 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008663.D

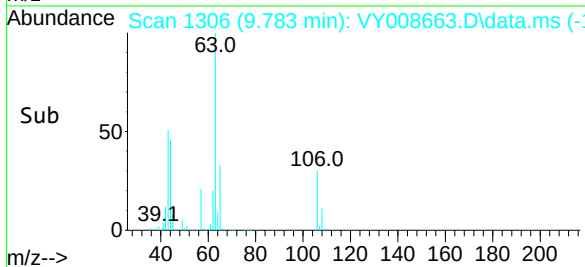
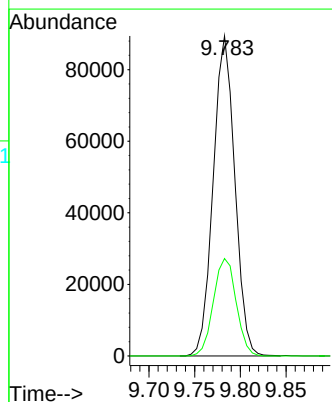
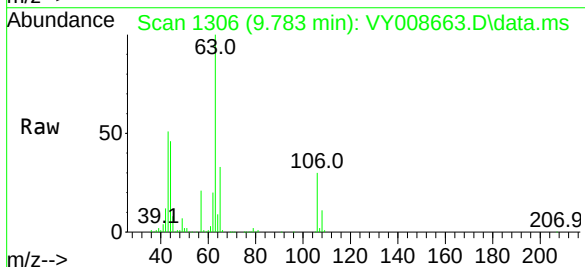
Acq: 09 May 2022 16:17

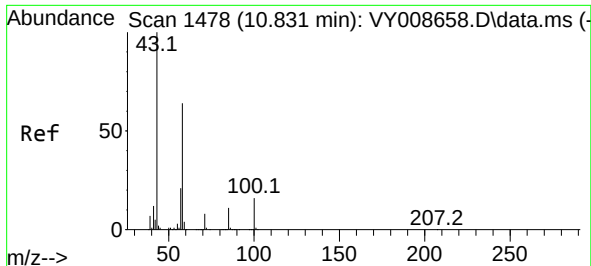
Tgt Ion: 63 Resp: 147077

Ion Ratio Lower Upper

63 100

106 32.0 21.5 32.3

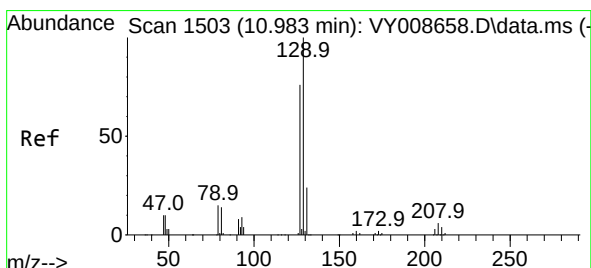
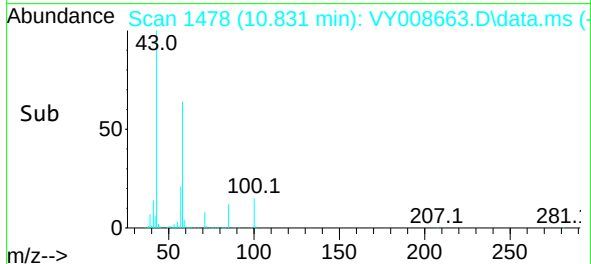
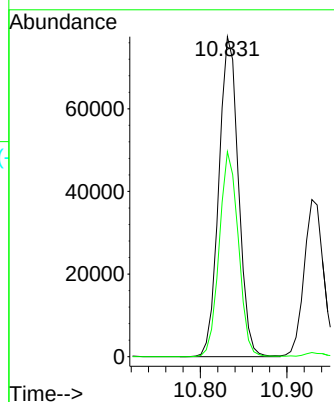
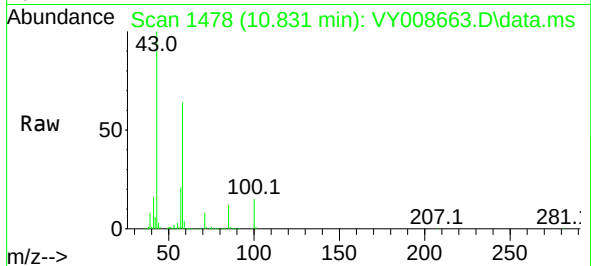




#59
2-Hexanone
Concen: 104.407 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

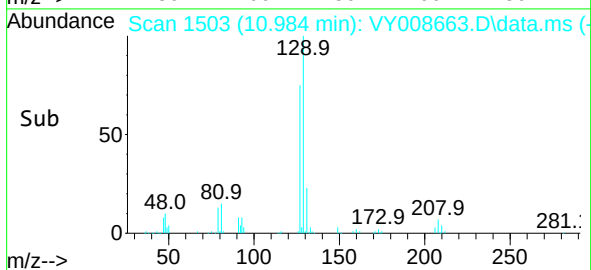
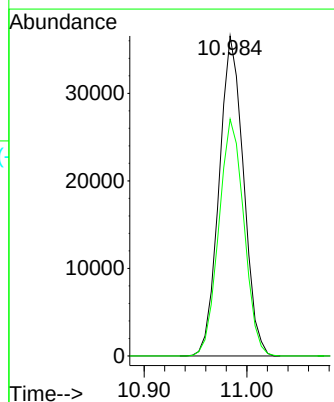
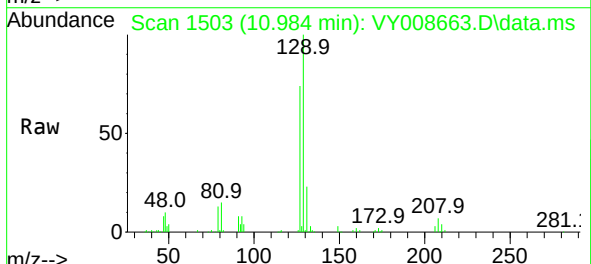
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

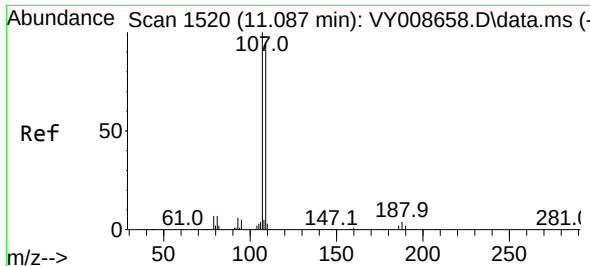
Tgt Ion: 43 Resp: 121965
Ion Ratio Lower Upper
43 100
58 62.3 24.4 73.4



#60
Dibromochloromethane
Concen: 21.681 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 129 Resp: 60141
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1

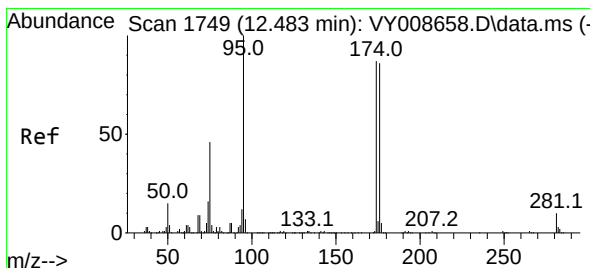
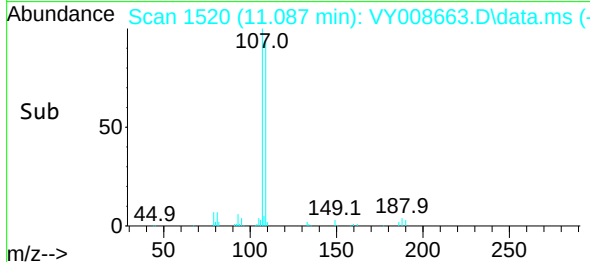
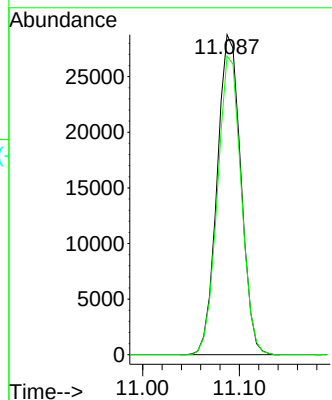
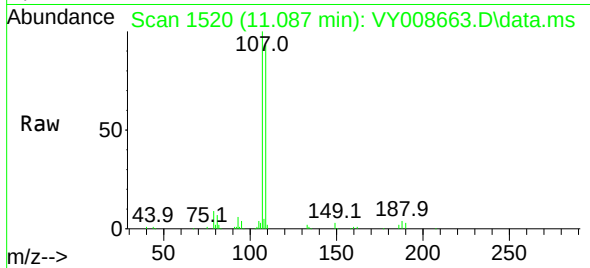




#61
1,2-Dibromoethane
Concen: 21.734 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

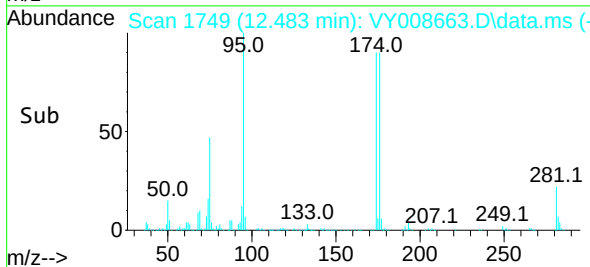
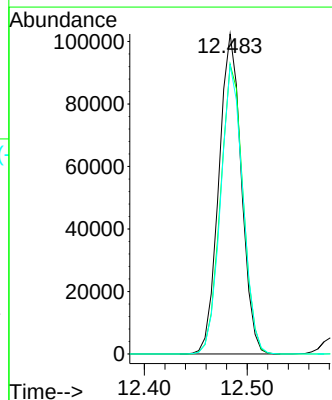
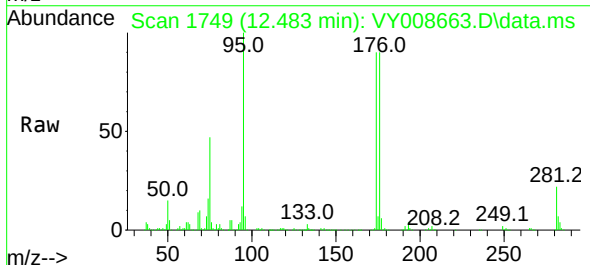
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

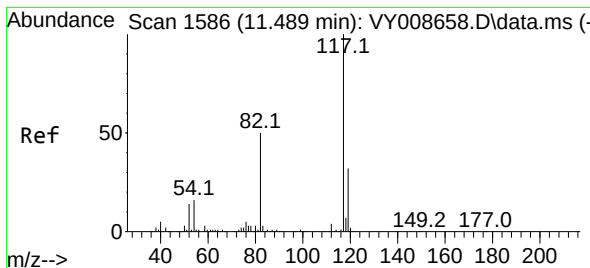
Tgt Ion:107 Resp: 48925
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.526 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 95 Resp: 155337
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 88.9 0.0 175.8

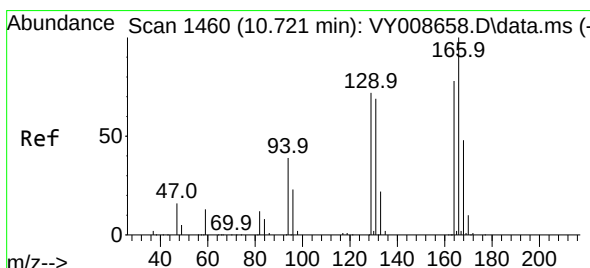
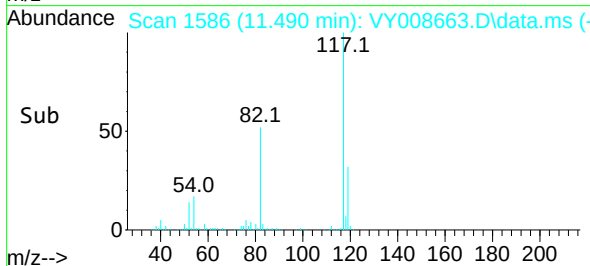
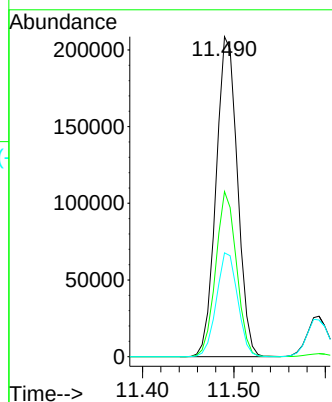
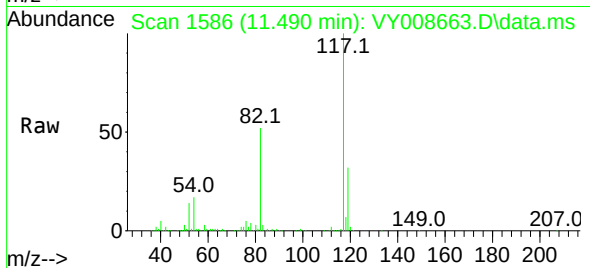




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

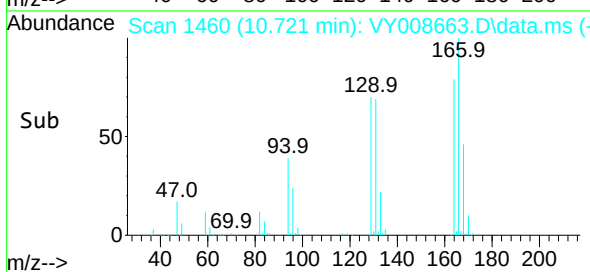
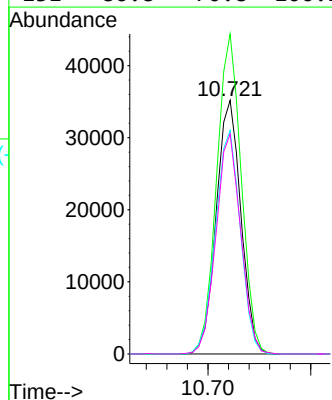
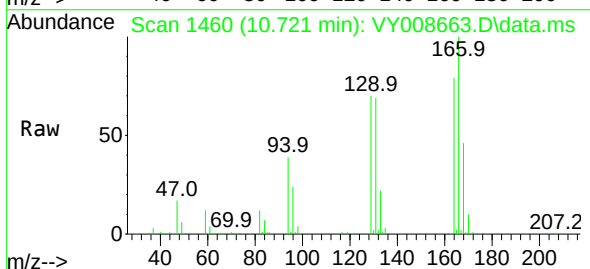
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

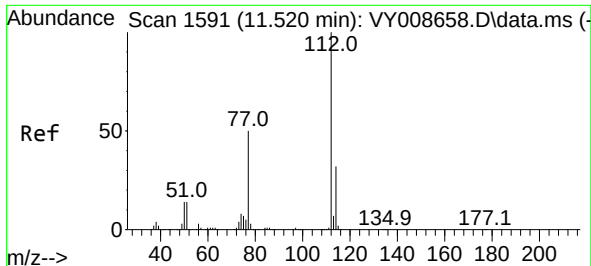
Tgt Ion:117 Resp: 339641
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 22.078 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion:164 Resp: 58448
Ion Ratio Lower Upper
164 100
166 126.2 100.4 150.6
129 88.2 71.4 107.0
131 86.8 70.8 106.2

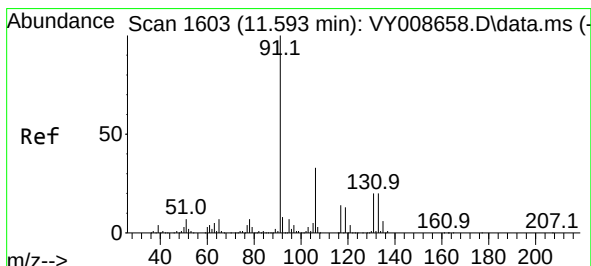
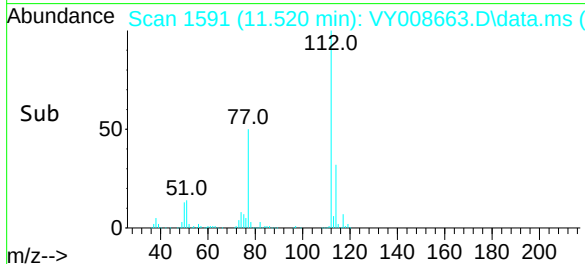
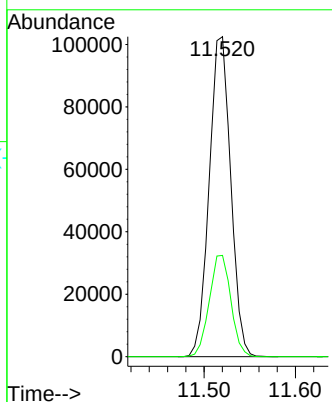
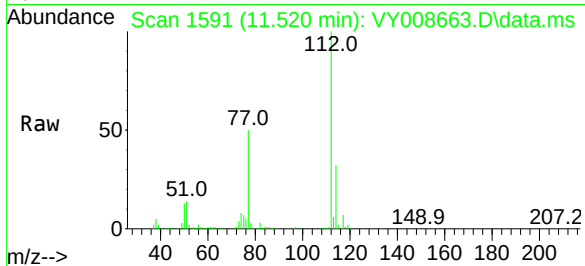




#65
Chlorobenzene
Concen: 22.036 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

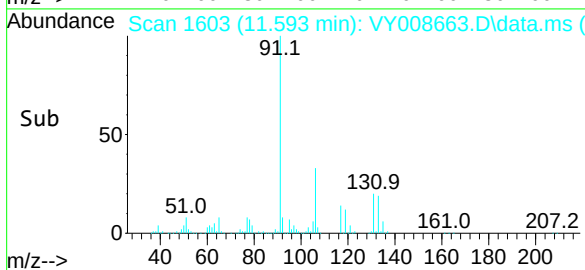
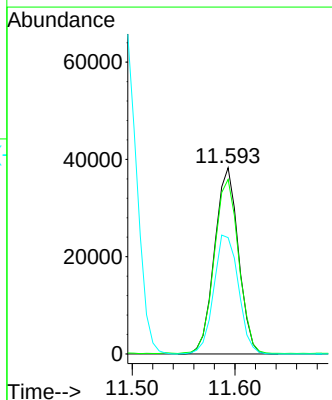
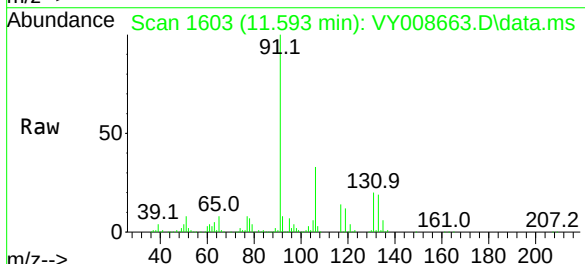
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

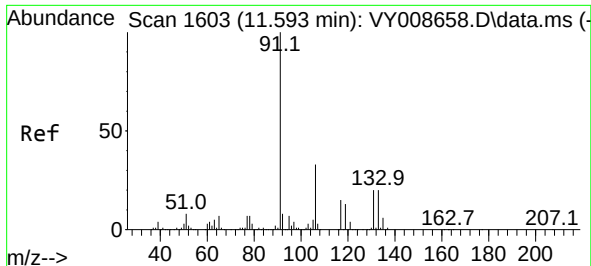
Tgt Ion:112 Resp: 167430
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.846 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion:131 Resp: 61642
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 66.0 30.8 92.3

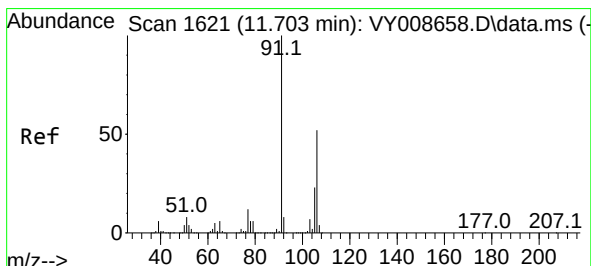
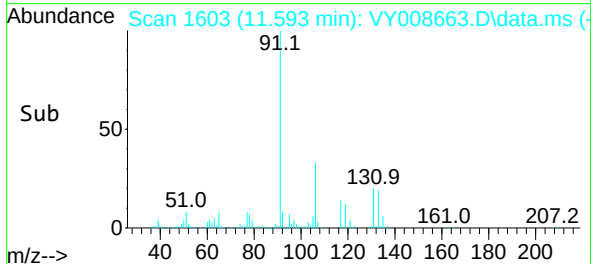
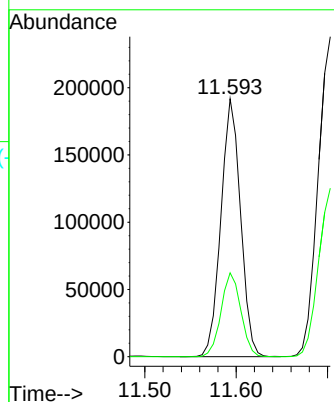
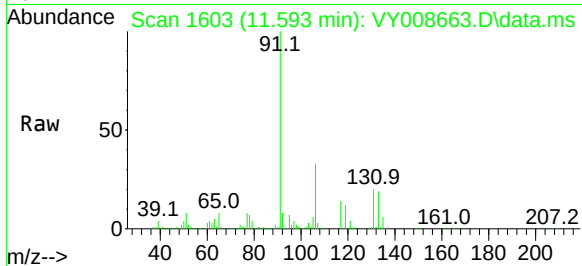




#67
Ethyl Benzene
Concen: 21.926 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

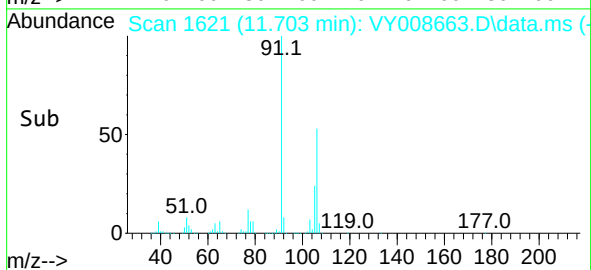
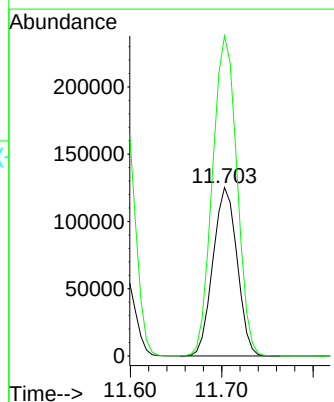
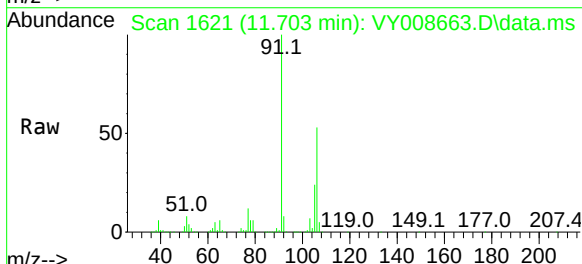
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

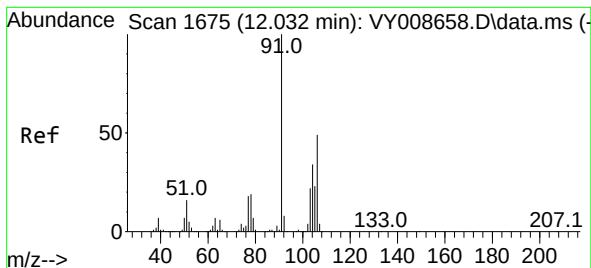
Tgt Ion: 91 Resp: 286285
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 43.998 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 106 Resp: 229849
Ion Ratio Lower Upper
106 100
91 192.7 166.6 249.8

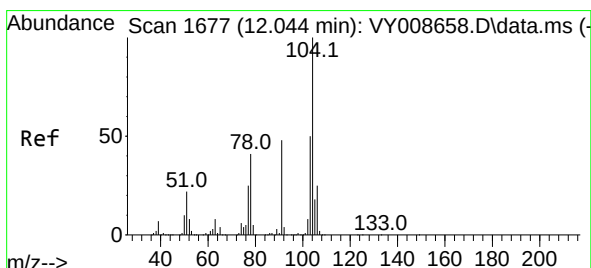
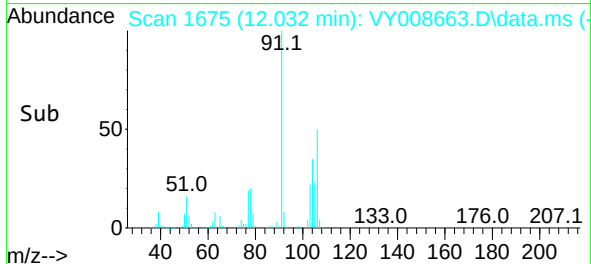
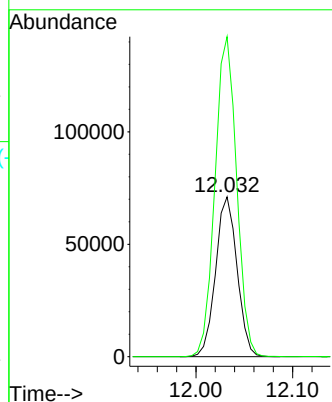
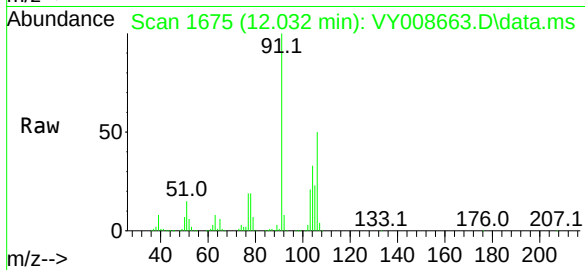




#69
o-Xylene
Concen: 22.048 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

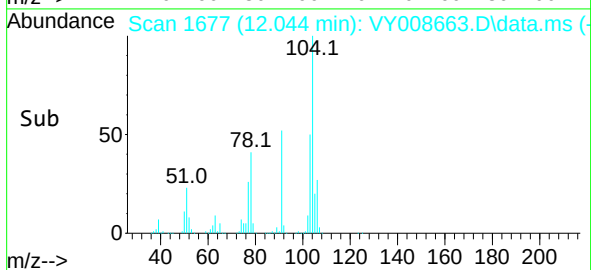
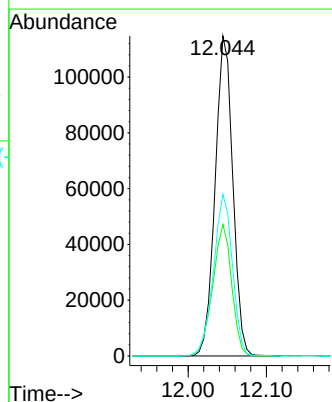
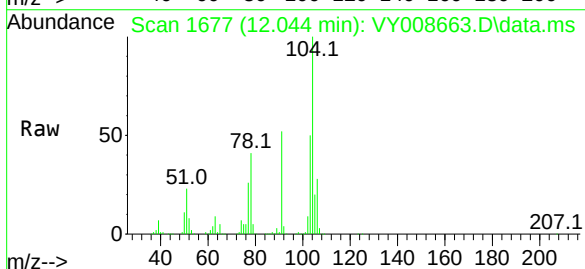
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

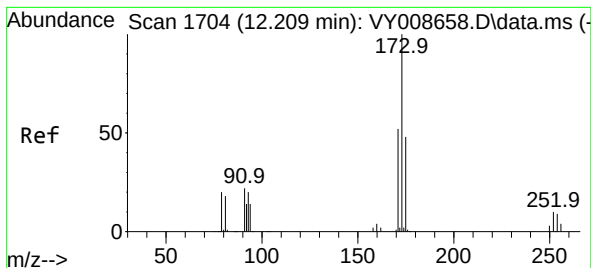
Tgt Ion:106 Resp: 109271
Ion Ratio Lower Upper
106 100
91 202.1 110.3 331.0



#70
Styrene
Concen: 21.892 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion:104 Resp: 180150
Ion Ratio Lower Upper
104 100
78 44.1 42.4 63.6
103 54.2 44.4 66.6





#71

Bromoform

Concen: 21.014 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

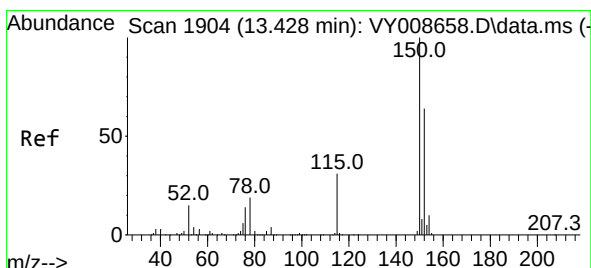
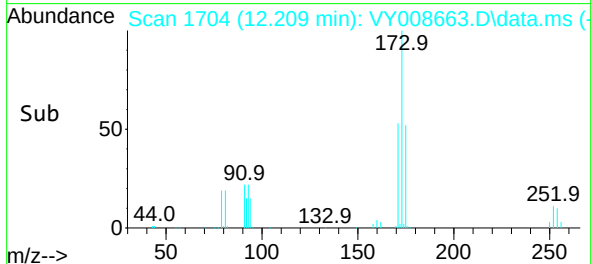
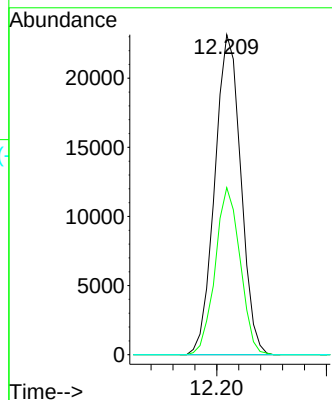
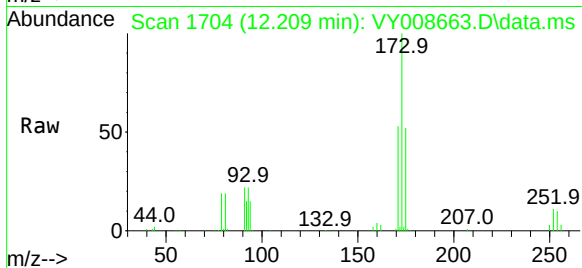
Tgt Ion:173 Resp: 38214

Ion Ratio Lower Upper

173 100

175 49.9 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

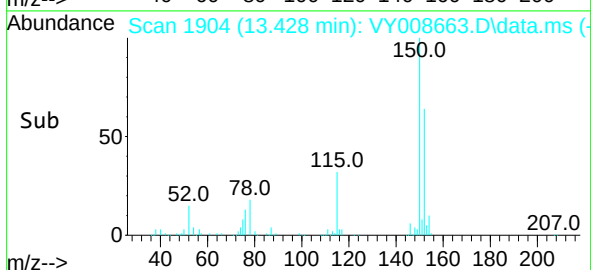
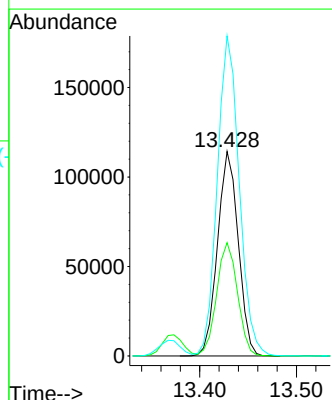
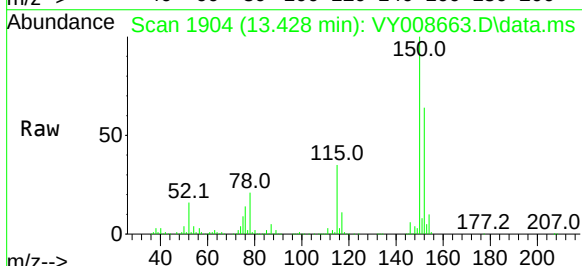
Tgt Ion:152 Resp: 170164

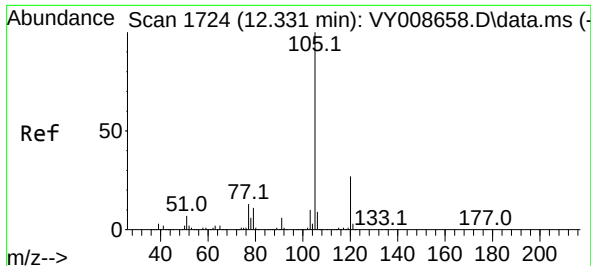
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 166.0 0.0 347.6

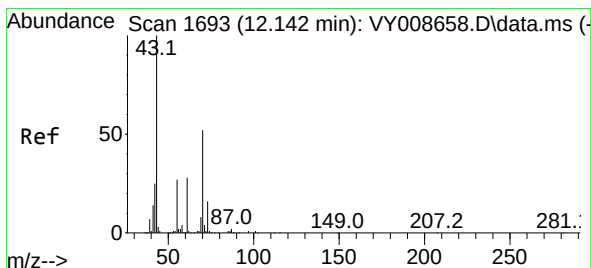
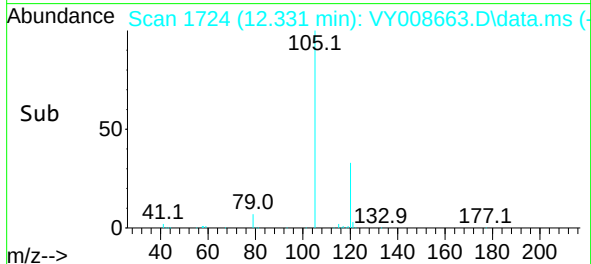
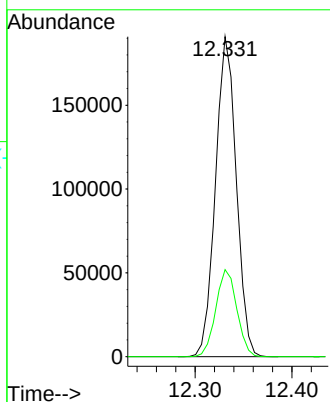
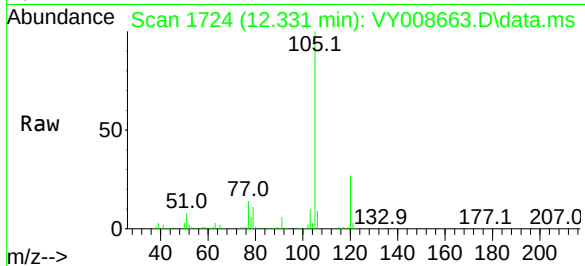




#73
Isopropylbenzene
Concen: 21.905 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

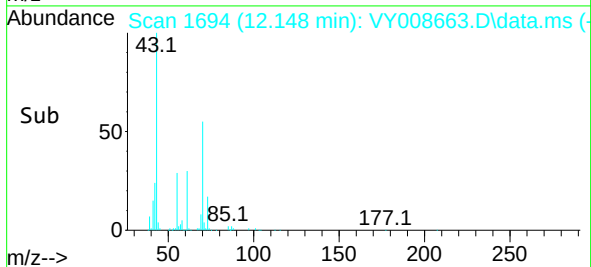
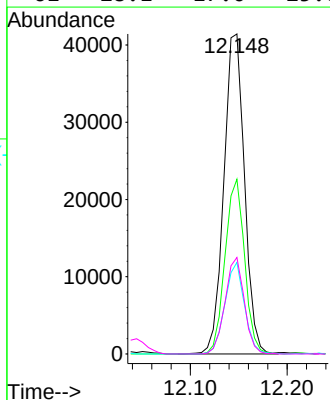
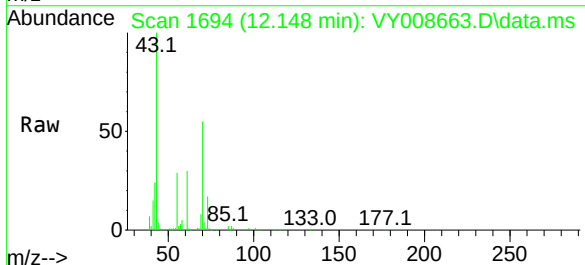
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

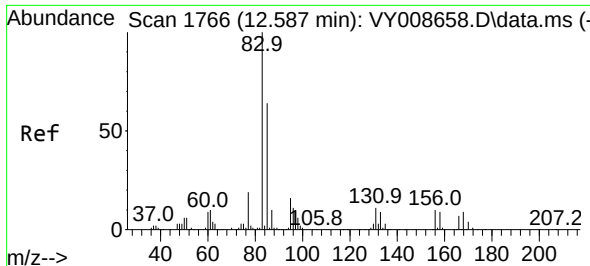
Tgt Ion:105 Resp: 284770
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 21.030 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 43 Resp: 61386
Ion Ratio Lower Upper
43 100
70 51.7 28.7 43.1#
55 27.1 17.3 25.9#
61 28.1 17.0 25.6#

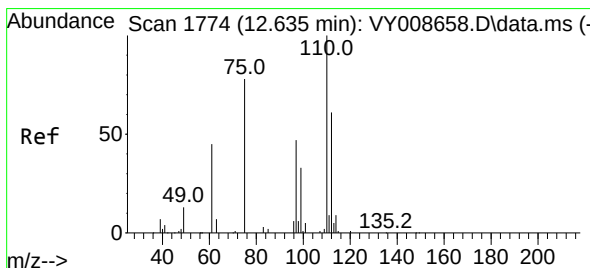
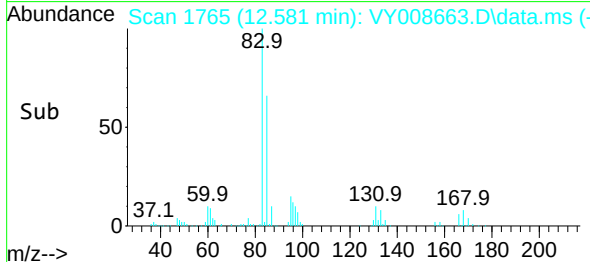
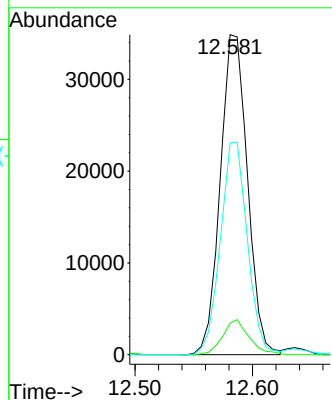
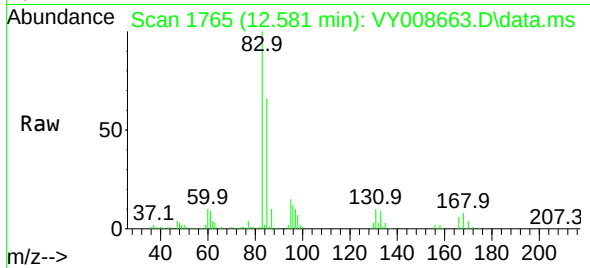




#75
1,1,2,2-Tetrachloroethane
Concen: 20.661 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

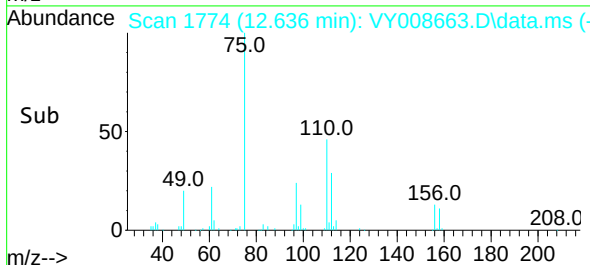
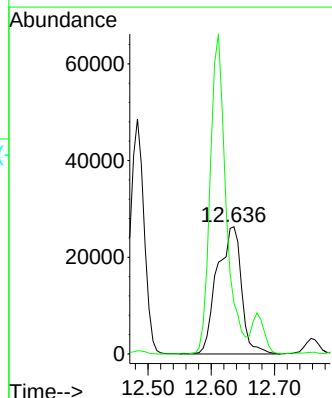
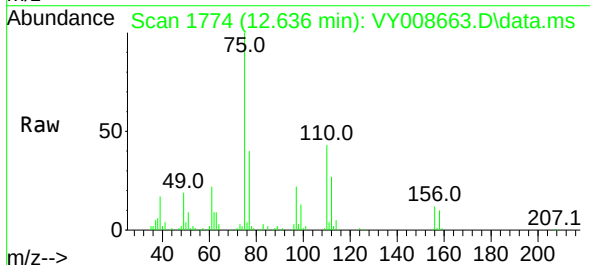
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

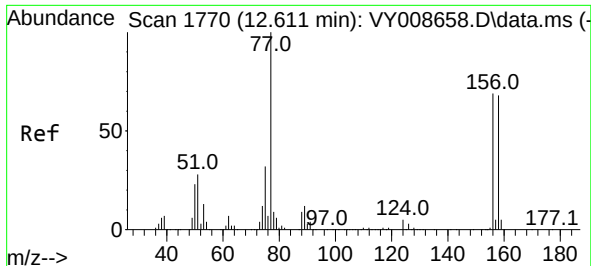
Tgt Ion: 83 Resp: 56221
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 65.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 36.545 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 75 Resp: 70101
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

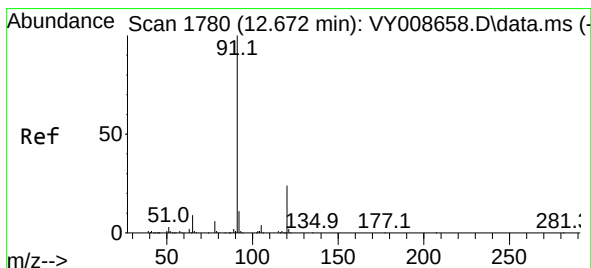
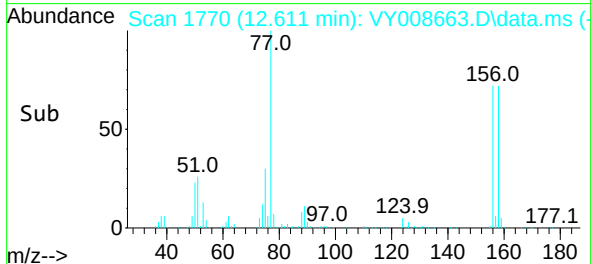
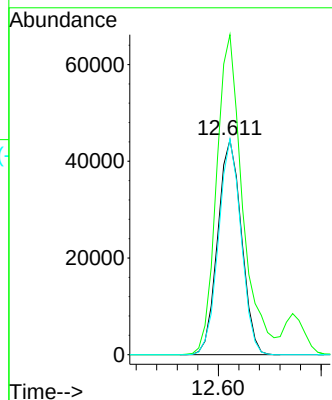
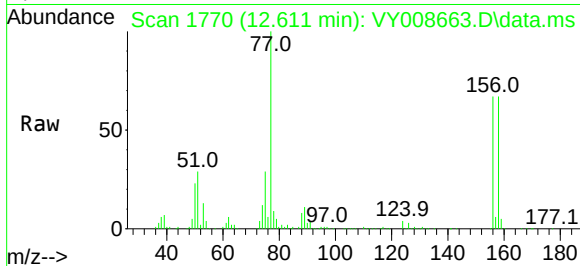




#77
Bromobenzene
Concen: 21.848 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

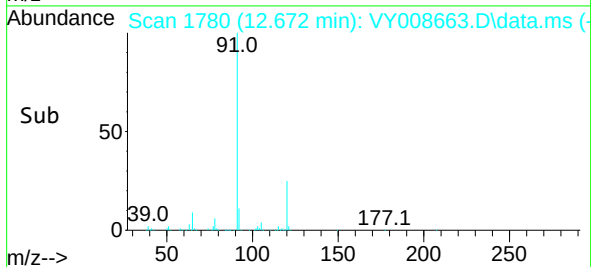
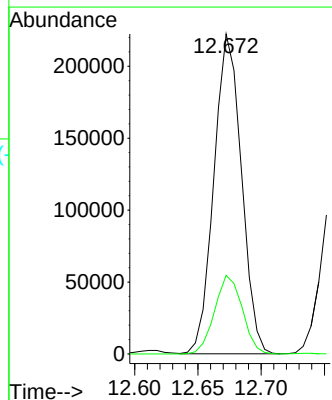
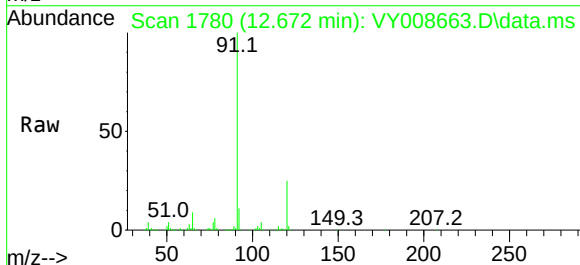
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

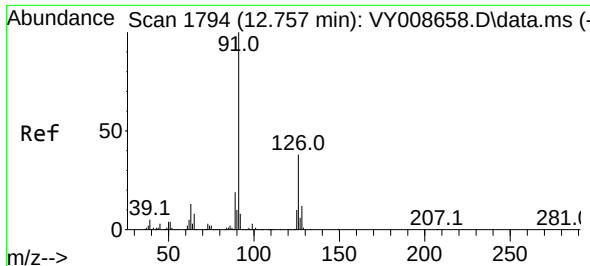
Tgt Ion:156 Resp: 71064
Ion Ratio Lower Upper
156 100
77 162.9 95.5 286.4
158 95.3 48.0 144.0



#78
n-propylbenzene
Concen: 21.727 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 91 Resp: 335834
Ion Ratio Lower Upper
91 100
120 24.7 11.3 33.9

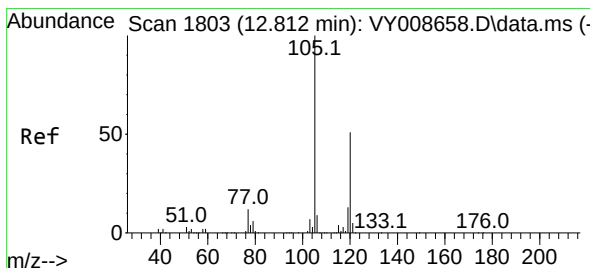
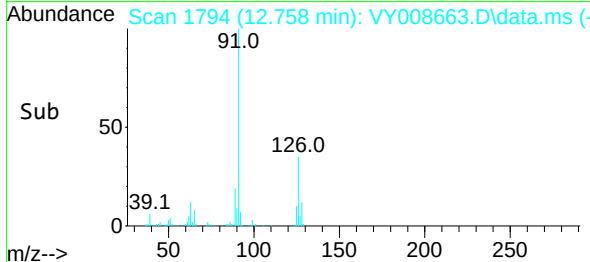
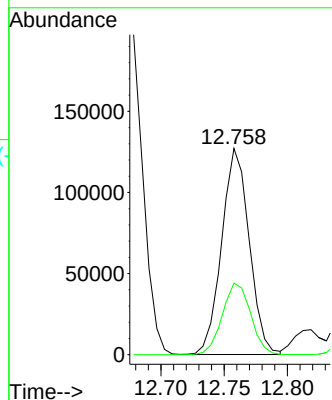
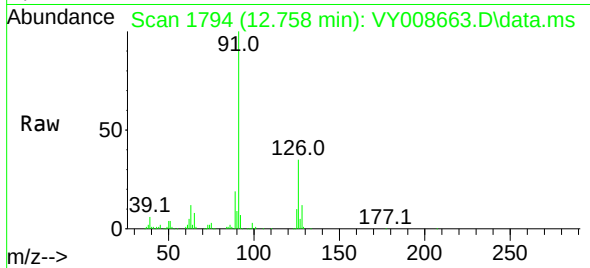




#79
2-Chlorotoluene
Concen: 22.518 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

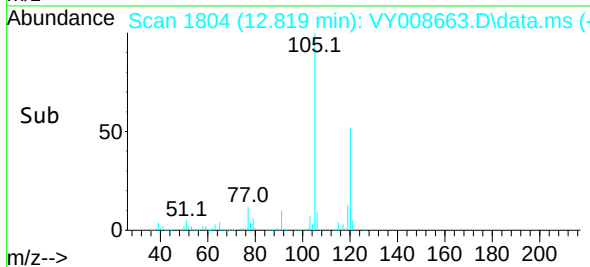
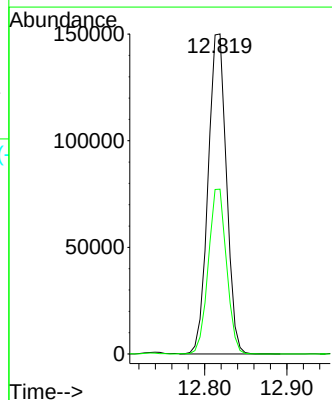
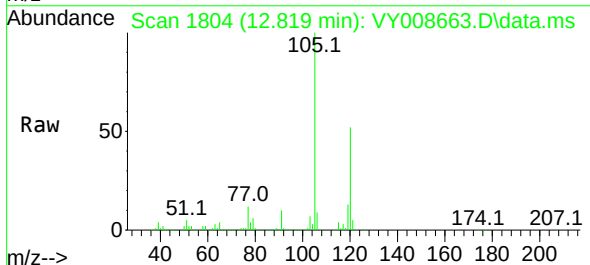
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

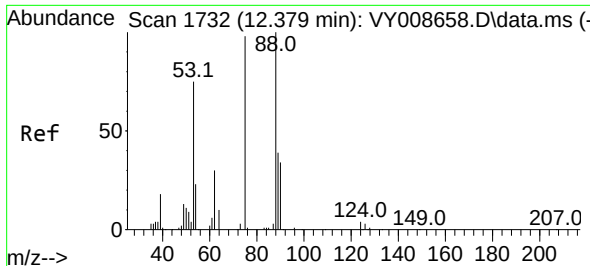
Tgt Ion: 91 Resp: 192550
Ion Ratio Lower Upper
91 100
126 35.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 22.076 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 105 Resp: 232442
Ion Ratio Lower Upper
105 100
120 51.2 24.4 73.4

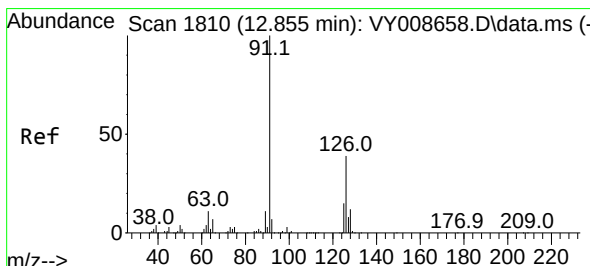
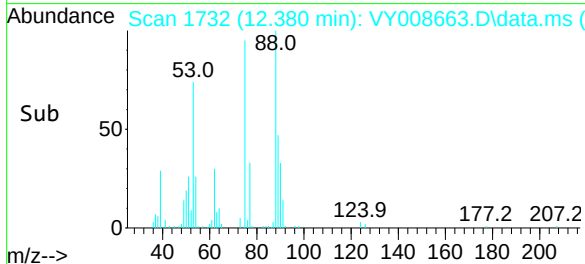
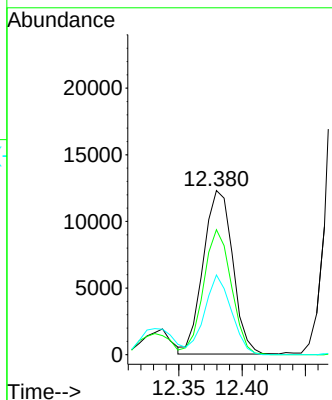
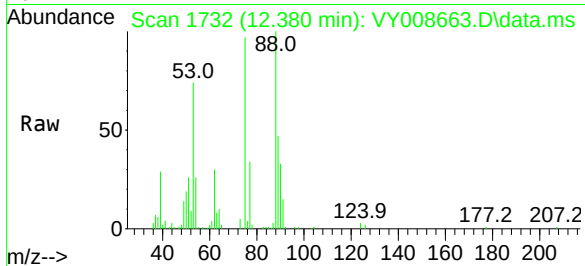




#81
trans-1,4-Dichloro-2-butene
Concen: 20.627 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

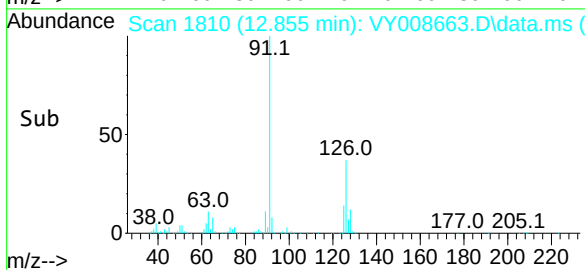
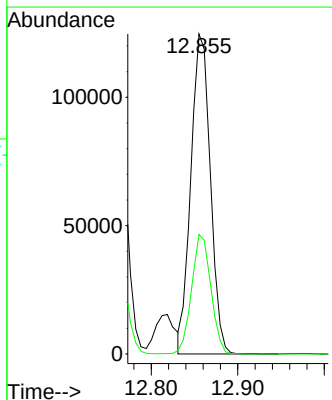
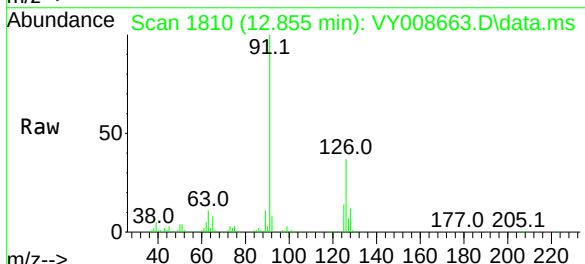
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

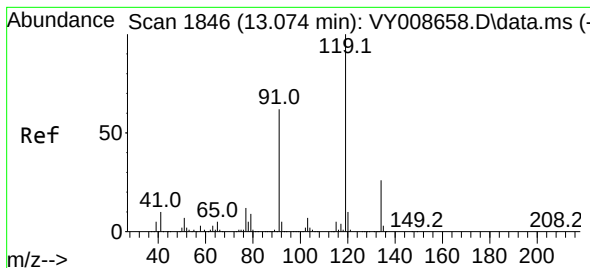
Tgt Ion: 75 Resp: 19887
Ion Ratio Lower Upper
75 100
53 72.4 85.3 127.9#
89 44.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.956 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 91 Resp: 194692
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 22.733 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.007 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

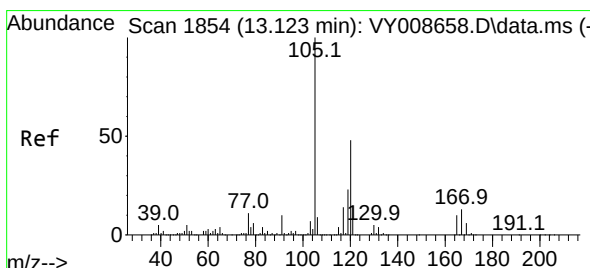
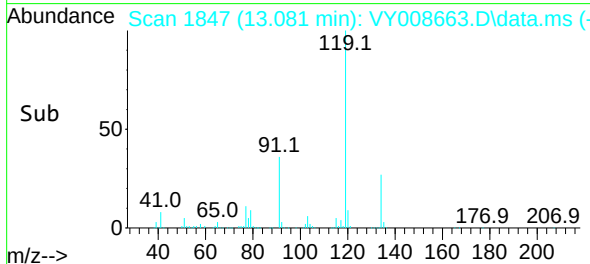
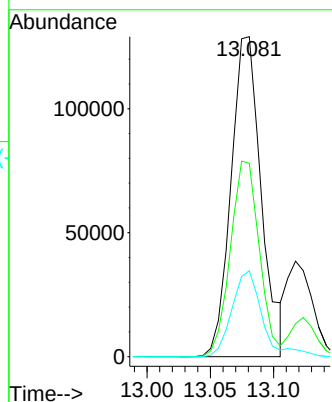
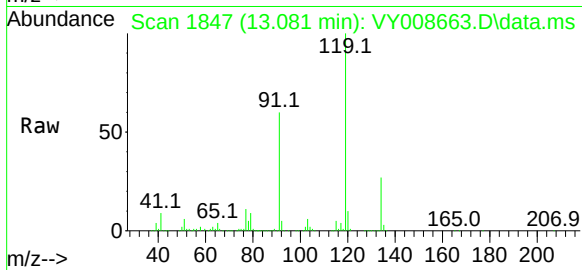
Tgt Ion:119 Resp: 214735

Ion Ratio Lower Upper

119 100

91 58.7 34.8 104.4

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 22.177 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008663.D

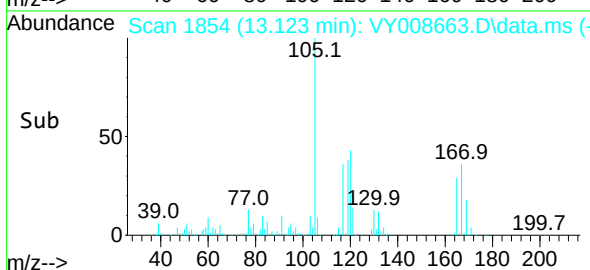
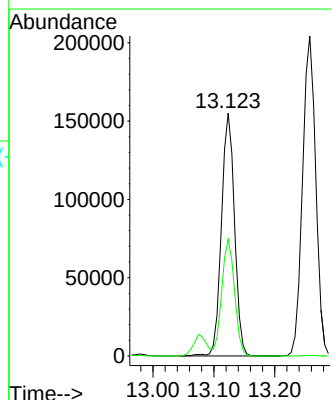
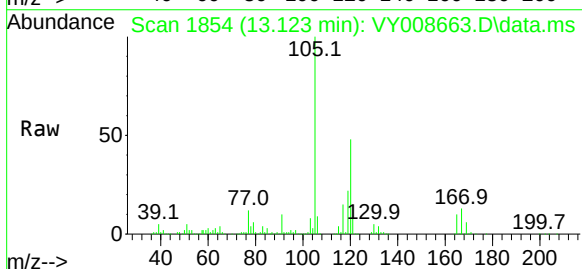
Acq: 09 May 2022 16:17

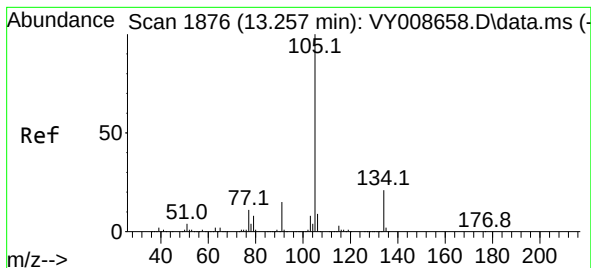
Tgt Ion:105 Resp: 230610

Ion Ratio Lower Upper

105 100

120 46.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 22.001 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.001 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

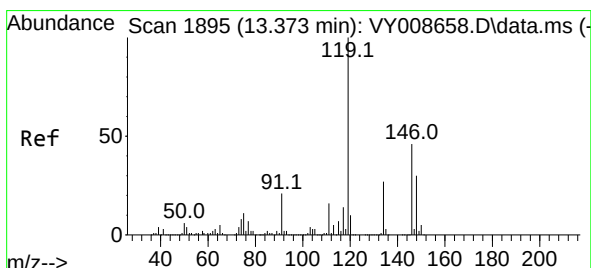
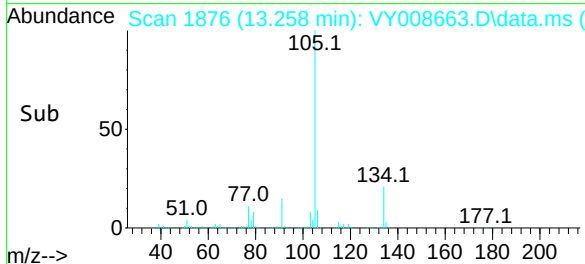
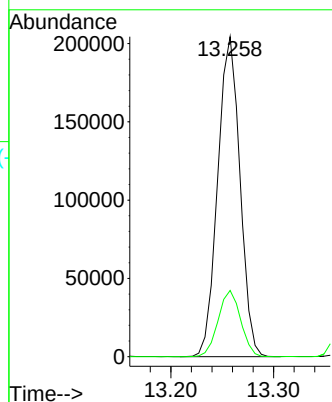
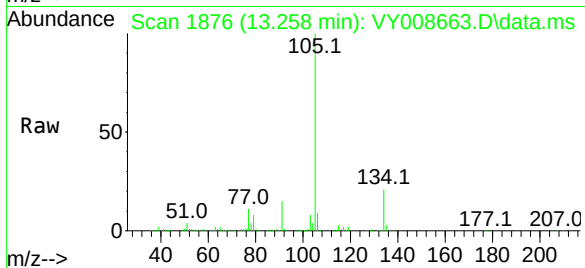
VY0509SBS01

Tgt Ion:105 Resp: 307165

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 22.109 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

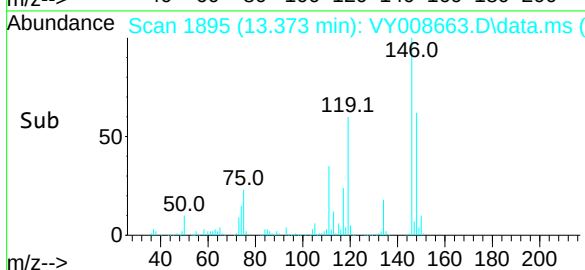
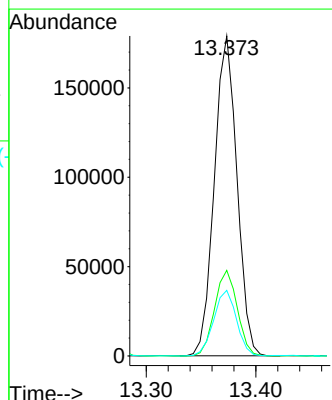
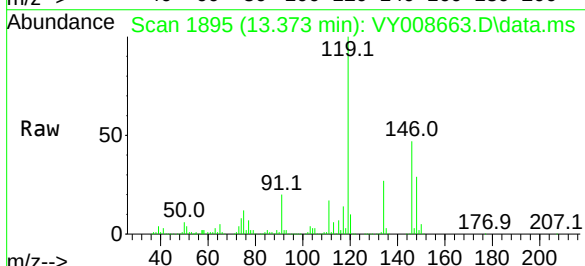
Tgt Ion:119 Resp: 256495

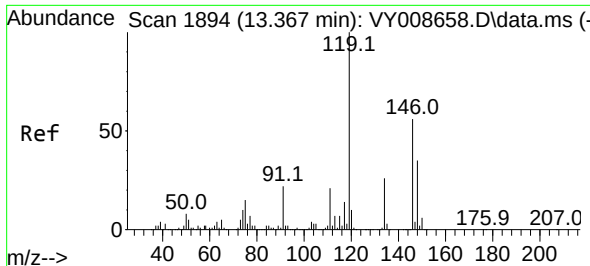
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.5

91 20.7 12.4 37.2

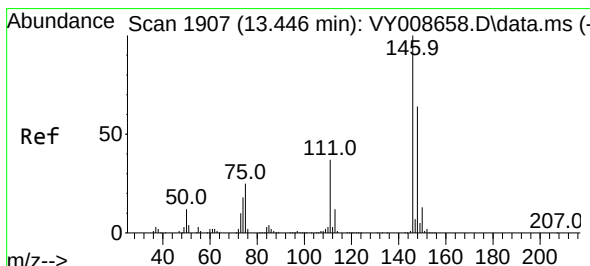
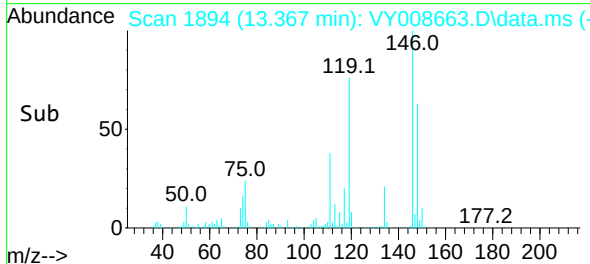
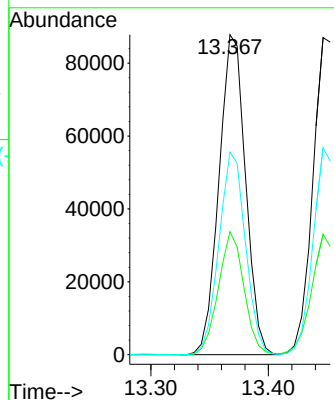
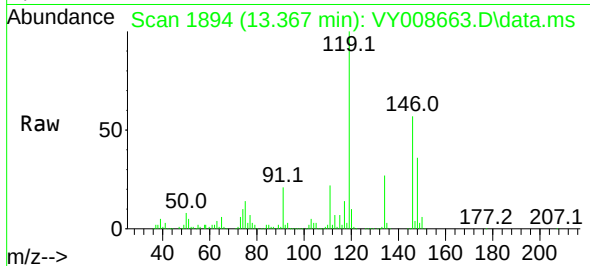




#87
1,3-Dichlorobenzene
Concen: 21.915 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

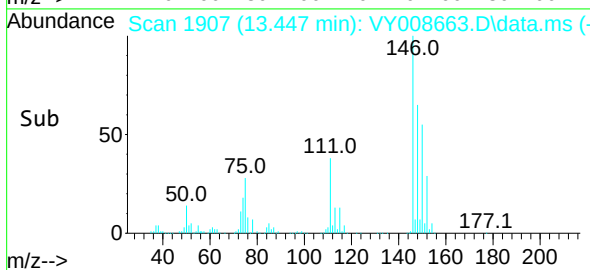
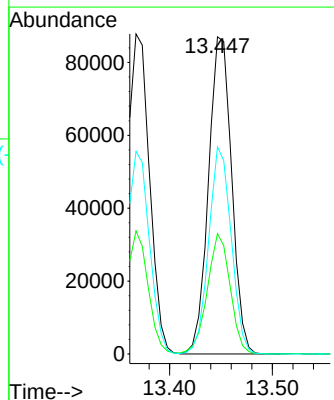
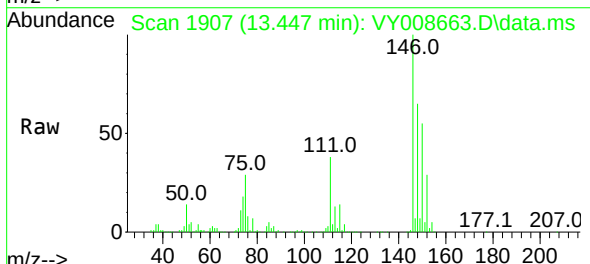
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

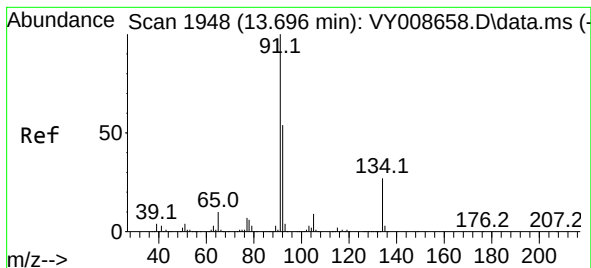
Tgt Ion:146 Resp: 137890
Ion Ratio Lower Upper
146 100
111 37.0 19.5 58.5
148 63.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 21.835 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion:146 Resp: 136224
Ion Ratio Lower Upper
146 100
111 37.5 19.3 57.8
148 63.6 32.6 97.8





#89

n-Butylbenzene

Concen: 22.092 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

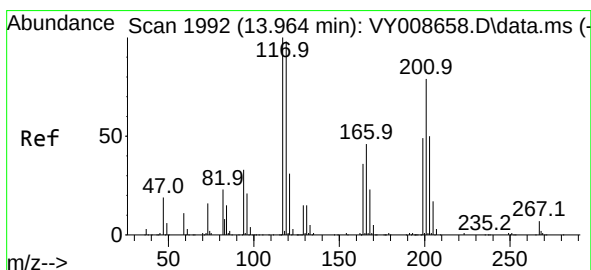
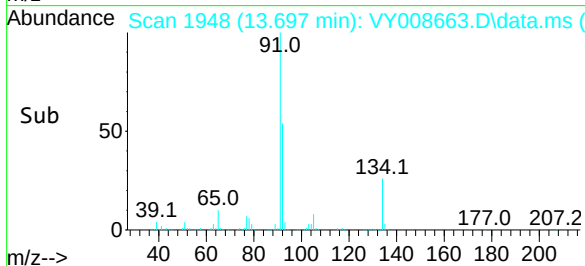
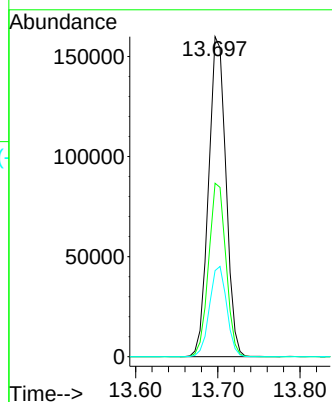
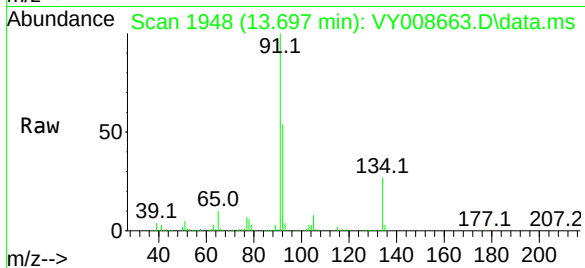
Tgt Ion: 91 Resp: 234554

Ion Ratio Lower Upper

91 100

92 54.0 26.3 78.9

134 28.0 13.0 38.9



#90

Hexachloroethane

Concen: 21.781 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY008663.D

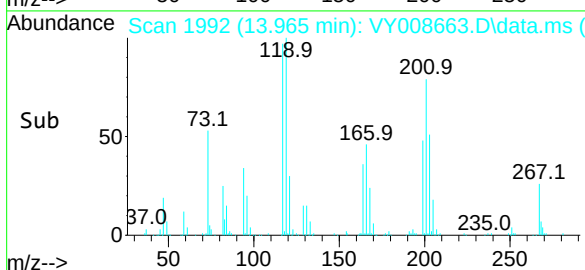
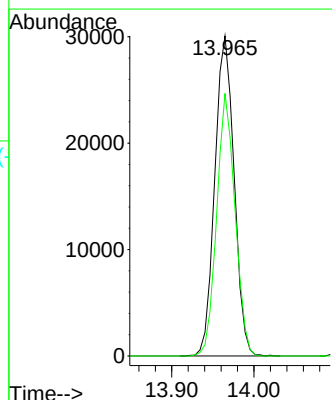
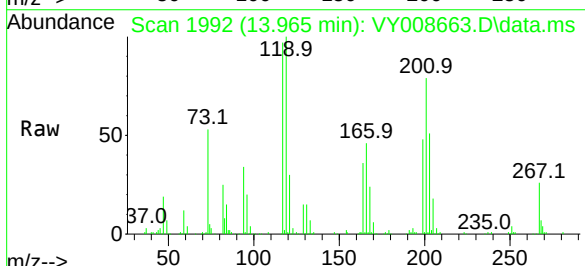
Acq: 09 May 2022 16:17

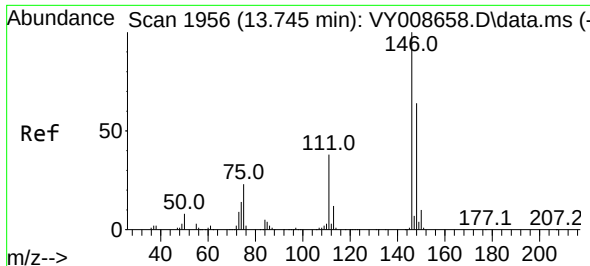
Tgt Ion: 117 Resp: 49060

Ion Ratio Lower Upper

117 100

201 78.1 43.0 128.8

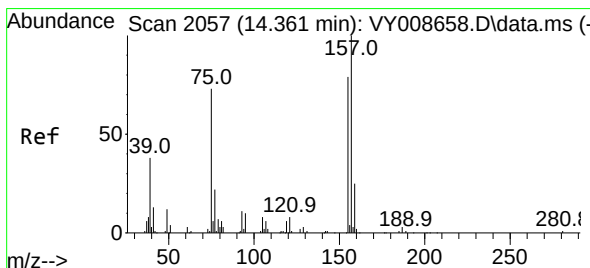
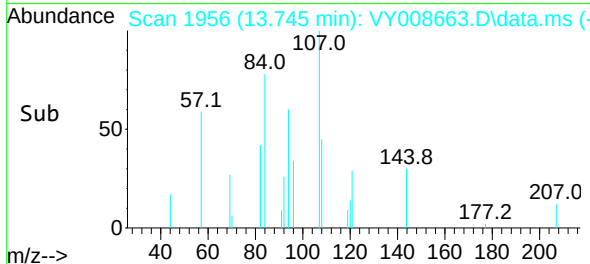
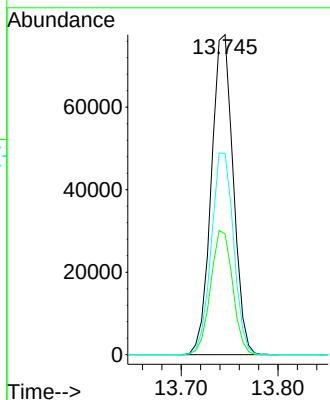
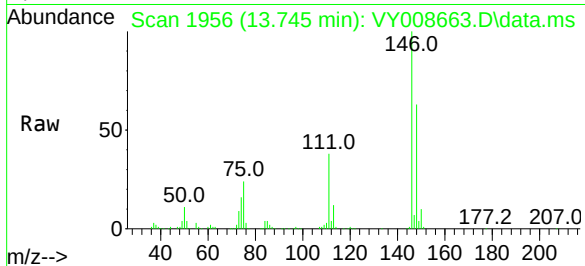




#91
1,2-Dichlorobenzene
Concen: 21.865 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

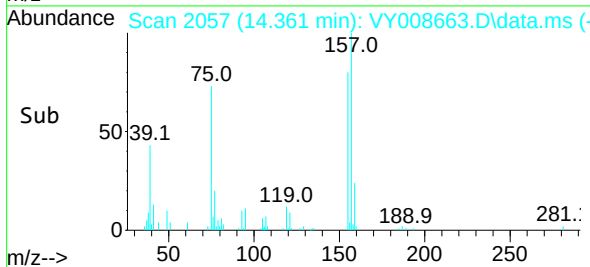
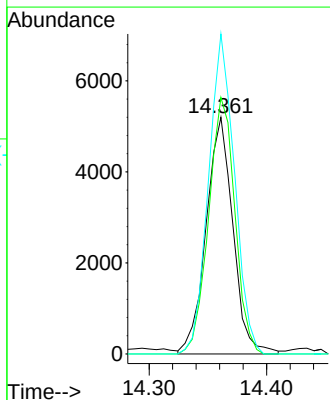
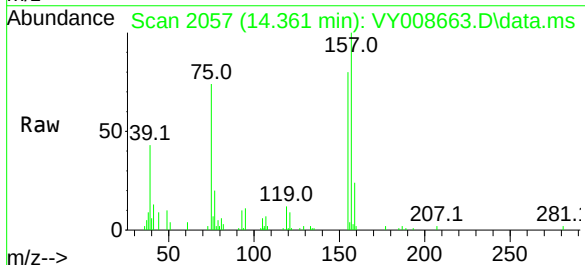
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBS01

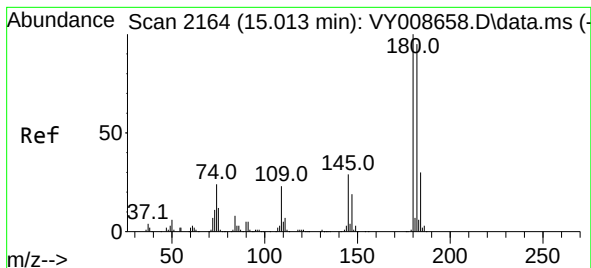
Tgt Ion:146 Resp: 122025
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 64.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.517 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY008663.D
Acq: 09 May 2022 16:17

Tgt Ion: 75 Resp: 8263
Ion Ratio Lower Upper
75 100
155 105.9 38.0 113.9
157 130.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 21.721 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

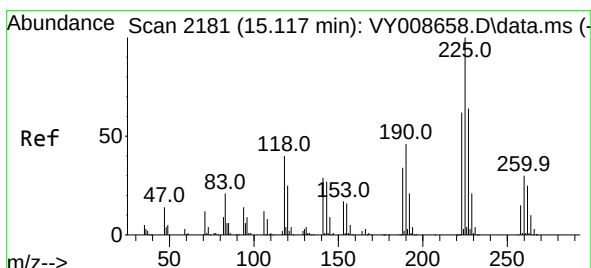
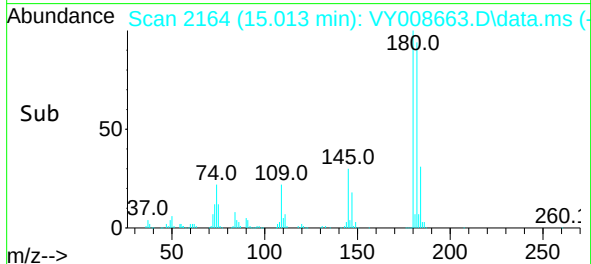
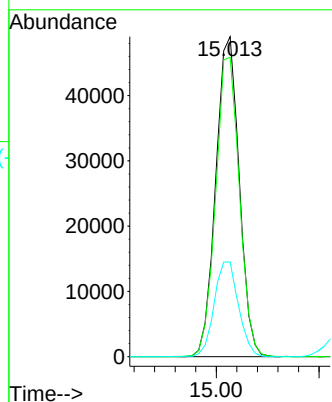
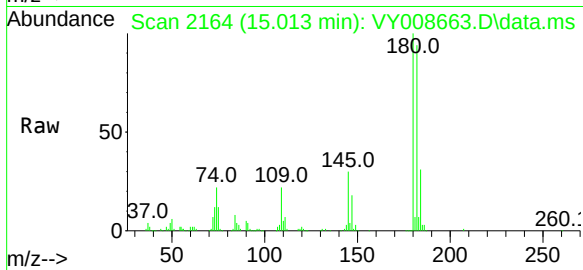
Tgt Ion:180 Resp: 77438

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 30.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 22.582 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

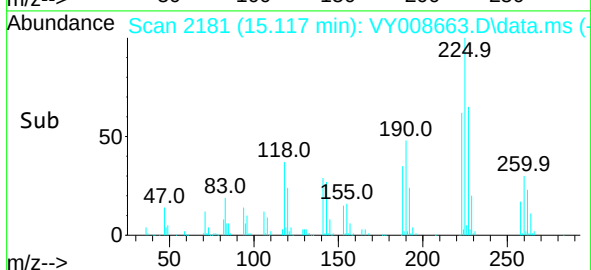
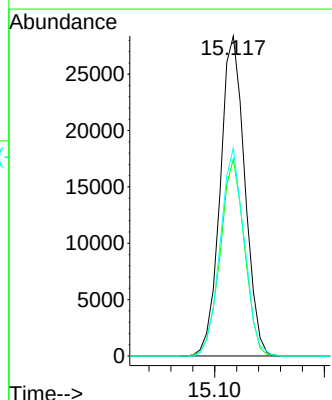
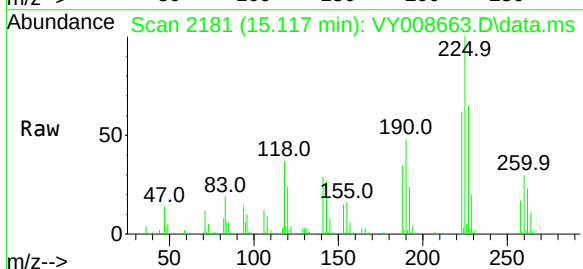
Tgt Ion:225 Resp: 44116

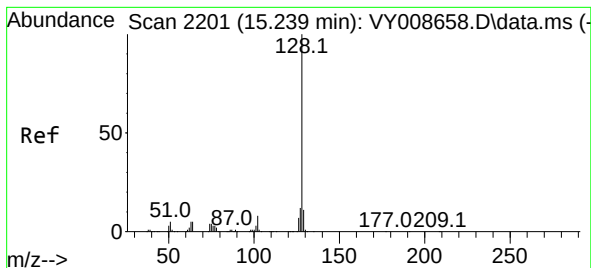
Ion Ratio Lower Upper

225 100

223 60.7 30.8 92.3

227 63.4 31.6 94.7





#95

Naphthalene

Concen: 21.147 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBS01

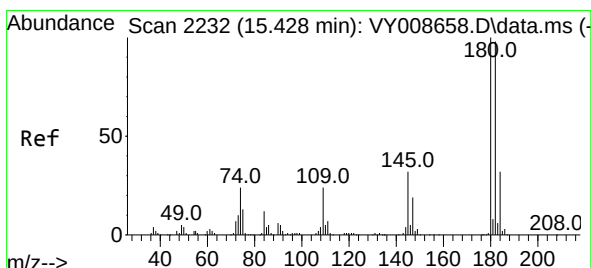
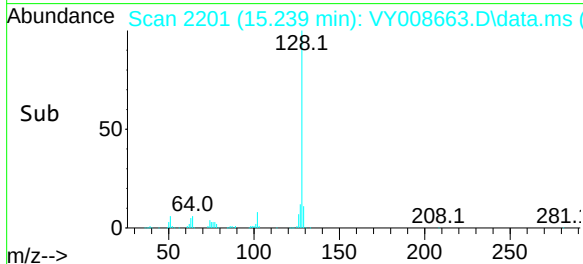
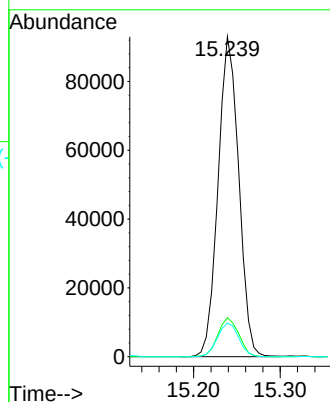
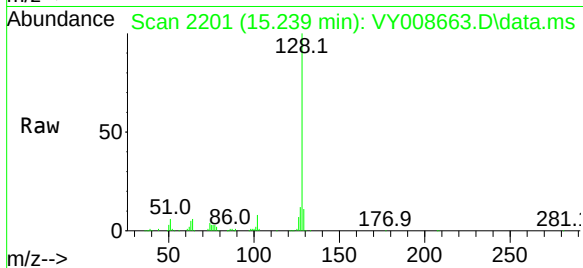
Tgt Ion:128 Resp: 154242

Ion Ratio Lower Upper

128 100

127 12.3 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 21.347 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY008663.D

Acq: 09 May 2022 16:17

Tgt Ion:180 Resp: 67070

Ion Ratio Lower Upper

180 100

182 96.7 47.3 141.9

145 31.9 15.3 45.9

