

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051921\
 Data File : VY004845.D
 Acq On : 19 May 2021 11:35
 Operator : SY/MD
 Sample : VSTD02535
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 20 01:30:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 01:29:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	332273	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	307044	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	147844	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	141808	21.72	ug/L	0.00
7) Chloroethane-d5	2.765	69	102632	20.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.863	63	236369	22.52	ug/L	0.00
21) 2-Butanone-d5	6.899	46	112972	53.34	ug/L	0.00
24) Chloroform-d	7.490	84	216379	22.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	134027	23.06	ug/L	0.00
32) Benzene-d6	8.118	84	467173	25.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	149017	25.77	ug/L	0.00
41) Toluene-d8	10.179	98	422428	24.02	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	72787	24.78	ug/L	0.00
47) 2-Hexanone-d5	10.794	63	86224	56.39	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	134034	25.36	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	133419	23.64	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	112935	18.53	ug/L	100
3) Chloromethane	2.119	50	135564	19.50	ug/L	100
5) Vinyl chloride	2.253	62	146502	21.50	ug/L	100
6) Bromomethane	2.656	94	56046	14.73	ug/L	100
8) Chloroethane	2.802	64	85298	20.04	ug/L	100
9) Trichlorofluoromethane	3.131	101	183883	21.93	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	110633	23.04	ug/L	100
12) 1,1-Dichloroethene	3.881	96	103981	22.52	ug/L	100
13) Acetone	3.954	43	62602	40.42	ug/L	100
14) Carbon disulfide	4.204	76	336932	21.40	ug/L	100
15) Methyl Acetate	4.491	43	91534	24.54	ug/L	100
16) Methylene chloride	4.728	84	120159	20.86	ug/L	100
17) trans-1,2-Dichloroethene	5.234	96	112344	23.02	ug/L	100
18) Methyl tert-butyl Ether	5.234	73	326606	23.71	ug/L	100
19) 1,1-Dichloroethane	6.027	63	214796	23.55	ug/L	100
20) cis-1,2-Dichloroethene	6.996	96	121638	23.72	ug/L	100
22) 2-Butanone	6.996	43	114181	47.59	ug/L	100
23) Bromochloromethane	7.344	128	56494	23.10	ug/L	100
25) Chloroform	7.515	83	218176	23.72	ug/L	100
27) 1,2-Dichloroethane	8.246	62	151139	22.32	ug/L	100
29) Cyclohexane	7.789	56	204007	23.73	ug/L	100
30) 1,1,1-Trichloroethane	7.710	97	183609	22.80	ug/L	100
31) Carbon tetrachloride	7.905	117	149078	21.01	ug/L	100
33) Benzene	8.167	78	481631	24.50	ug/L	100
34) Trichloroethene	8.947	95	121779	23.38	ug/L	100
35) Methylcyclohexane	9.185	83	205304	23.78	ug/L	100
37) 1,2-Dichloropropane	9.222	63	130220	24.64	ug/L	100
38) Bromodichloromethane	9.502	83	159514	23.26	ug/L	100
39) cis-1,3-Dichloropropene	9.935	75	203022	24.74	ug/L	100
40) 4-Methyl-2-pentanone	10.075	43	277578	53.91	ug/L	100
42) Toluene	10.246	91	513738	24.07	ug/L	100
44) trans-1,3-Dichloropropene	10.471	75	188151	24.71	ug/L	100

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

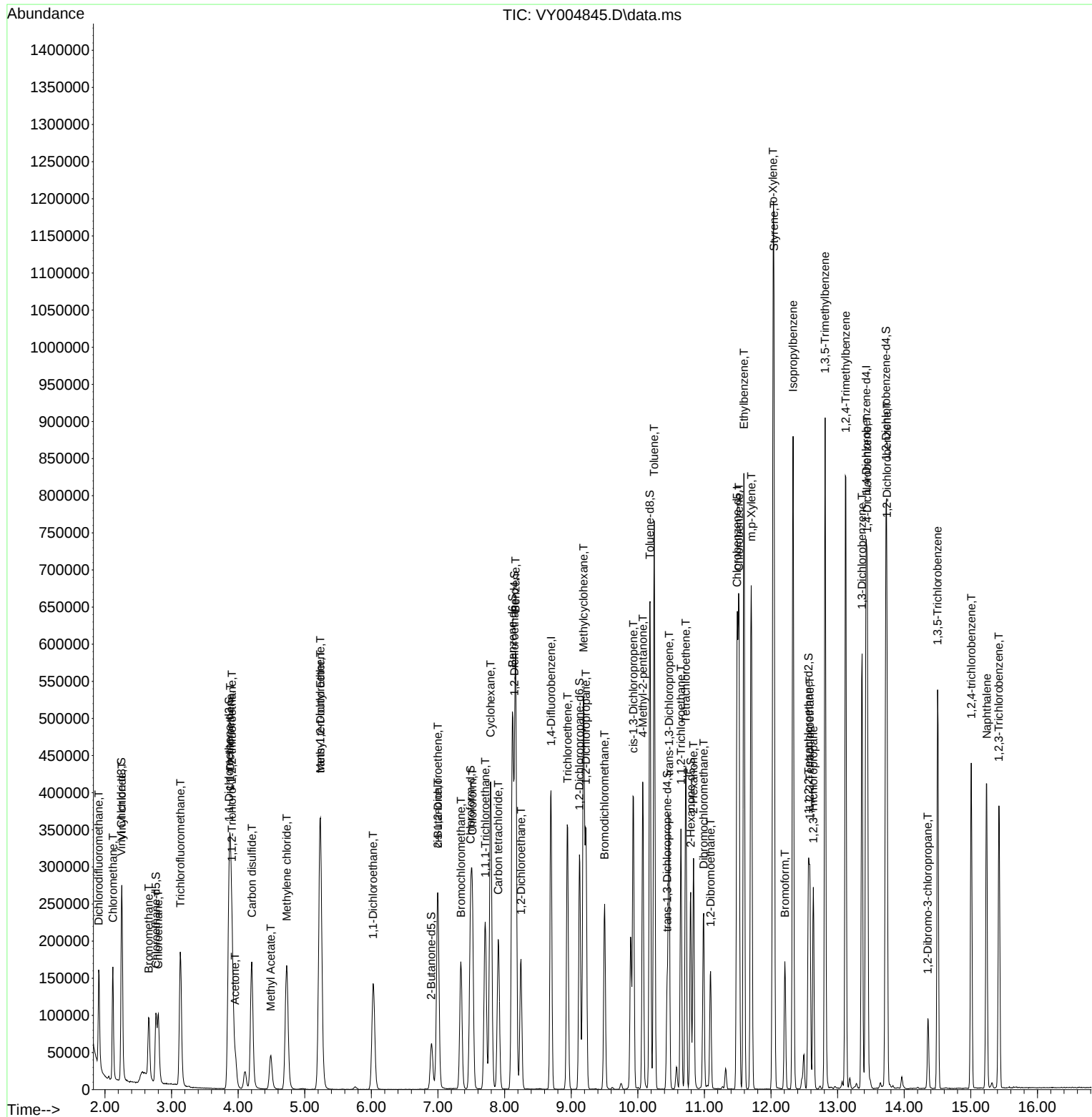
45) 1,1,2-Trichloroethane	10.648	97	100247	25.22	ug/L	100
46) Tetrachloroethene	10.721	164	91357	21.60	ug/L	100
48) 2-Hexanone	10.837	43	195731	53.43	ug/L	100
49) Dibromochloromethane	10.990	129	114333	23.52	ug/L	100
50) 1,2-Dibromoethane	11.093	107	97989	25.09	ug/L	100
51) Chlorobenzene	11.520	112	314519	23.51	ug/L	100
52) Ethylbenzene	11.593	91	555970	23.44	ug/L	100
53) m,p-Xylene	11.703	106	206872	23.34	ug/L	100
54) o-Xylene	12.032	106	198889	23.47	ug/L	100
55) Styrene	12.044	104	345837	23.51	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	124469	24.47	ug/L	100
59) Bromoform	12.209	173	71210	23.44	ug/L	100
60) Isopropylbenzene	12.331	105	534346	25.15	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	100945	26.66	ug/L	100
62) 1,3,5-Trimethylbenzene	12.812	105	437040	24.42	ug/L	100
63) 1,2,4-Trimethylbenzene	13.123	105	436387	24.77	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	224967	23.35	ug/L	100
65) 1,4-Dichlorobenzene	13.446	146	225131	23.33	ug/L	100
67) 1,2-Dichlorobenzene	13.739	146	207087	23.10	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.355	75	22721	25.12	ug/L	100
69) 1,3,5-Trichlorobenzene	14.501	180	149814	21.73	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	125221	21.88	ug/L	100
71) Naphthalene	15.239	128	324766	26.38	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	114460	22.94	ug/L	100

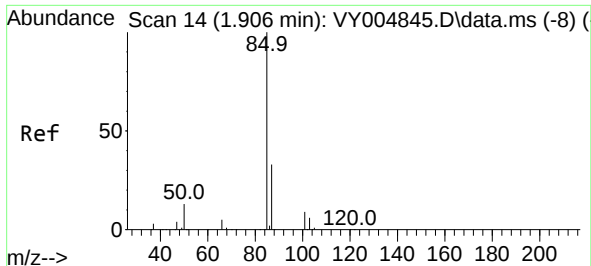
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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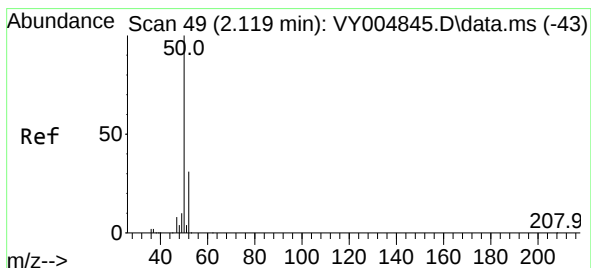
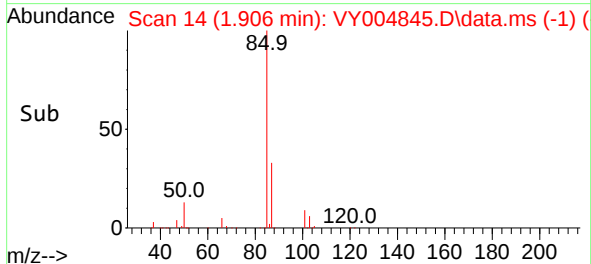
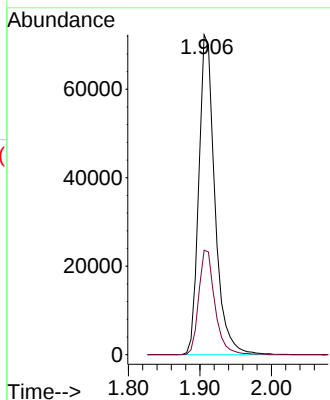
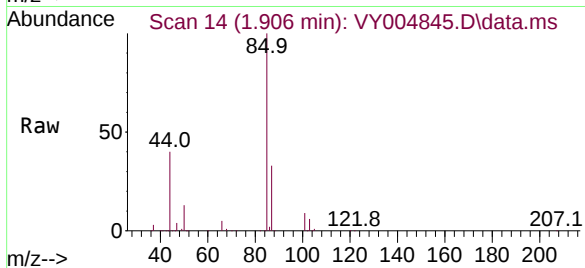




#2
Dichlorodifluoromethane
Concen: 18.53 ug/L
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

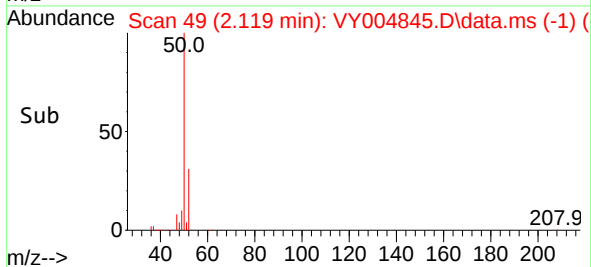
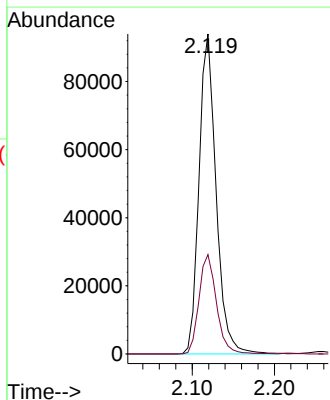
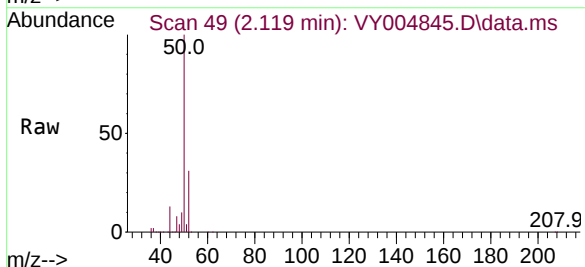
Instrument :
MSVOA_Y
ClientSampled :

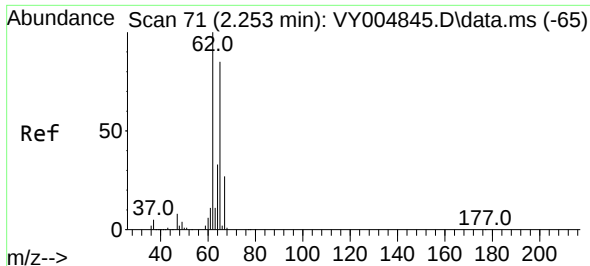
Tgt Ion: 85 Resp: 112935
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.2



#3
Chloromethane
Concen: 19.50 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 50 Resp: 135564
Ion Ratio Lower Upper
50 100
52 31.1 21.8 40.4

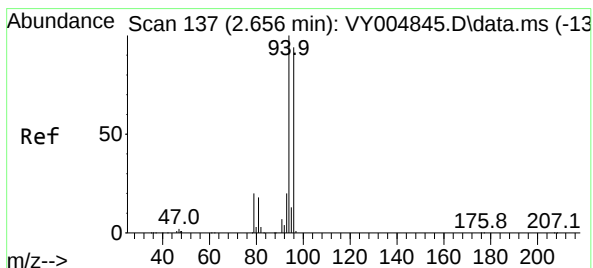
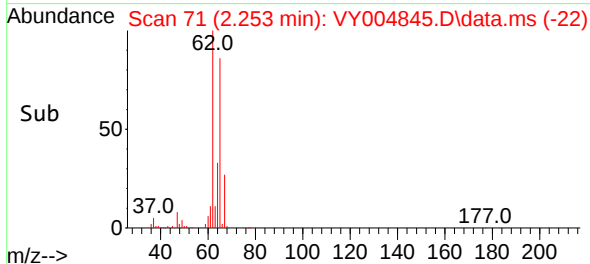
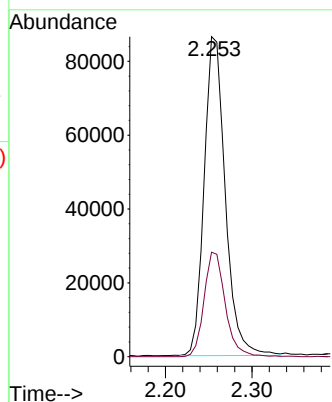
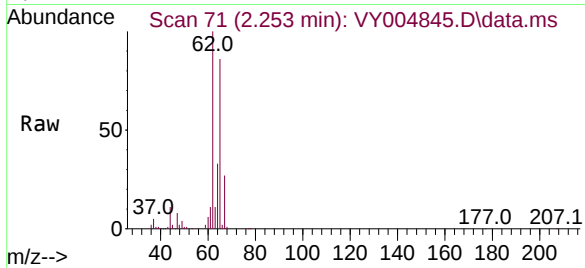




#5
 Vinyl chloride
 Concen: 21.50 ug/L
 RT: 2.253 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VY004845.D
 Acq: 19 May 2021 11:35

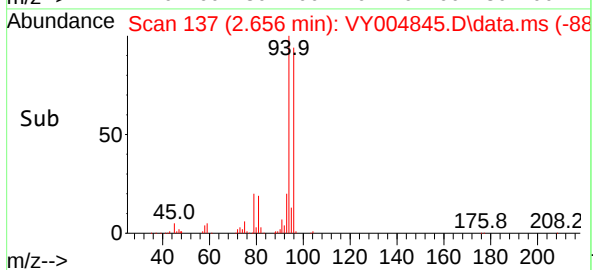
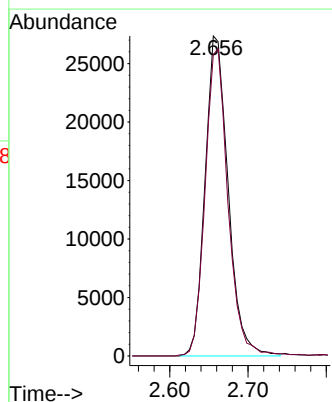
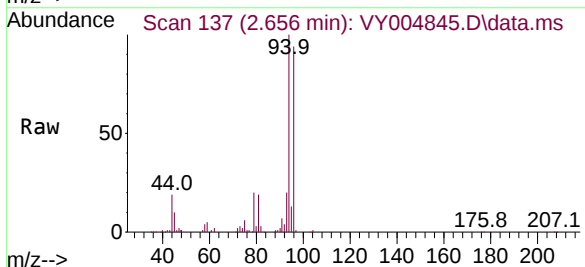
Instrument :
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 ClientSampled :

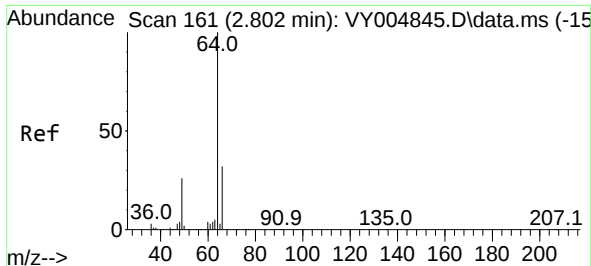
Tgt Ion: 62 Resp: 146502
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 14.73 ug/L
 RT: 2.656 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VY004845.D
 Acq: 19 May 2021 11:35

Tgt Ion: 94 Resp: 56046
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.9 122.5

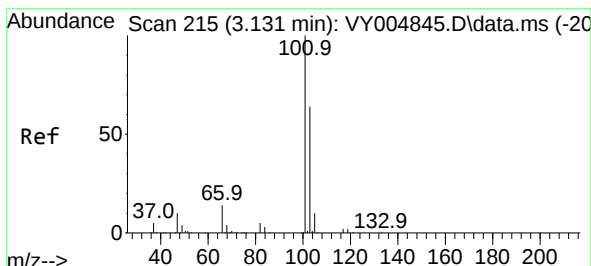
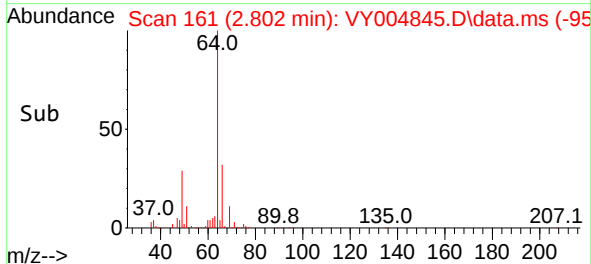
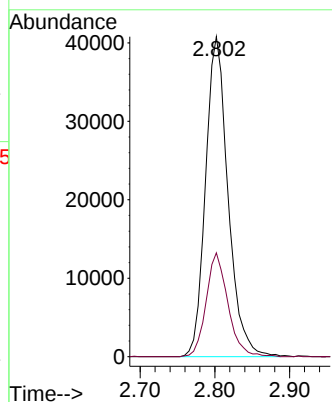
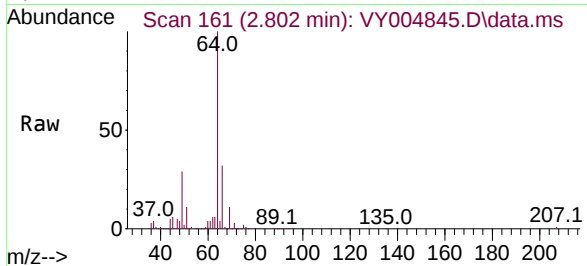




#8
Chloroethane
Concen: 20.04 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

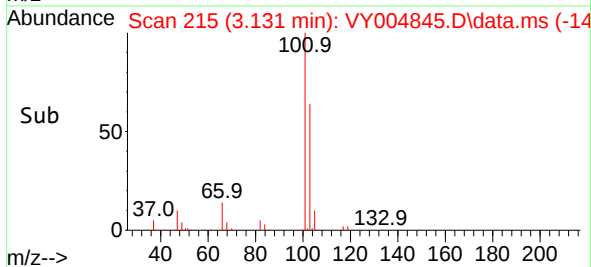
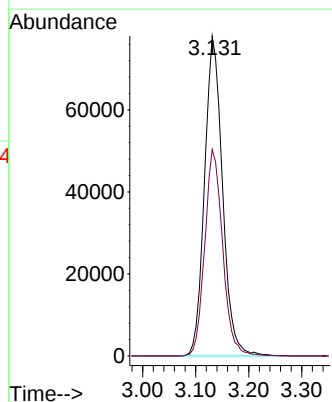
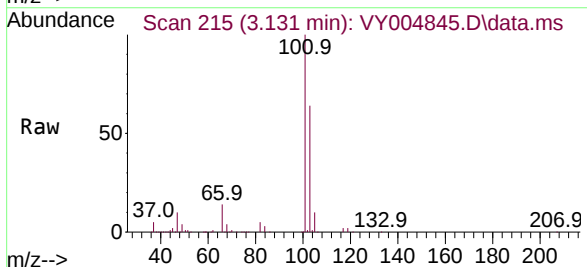
Instrument :
MSVOA_Y
ClientSampled :

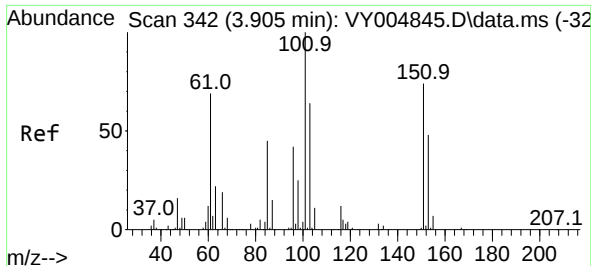
Tgt Ion: 64 Resp: 85298
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 21.93 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:101 Resp: 183883
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

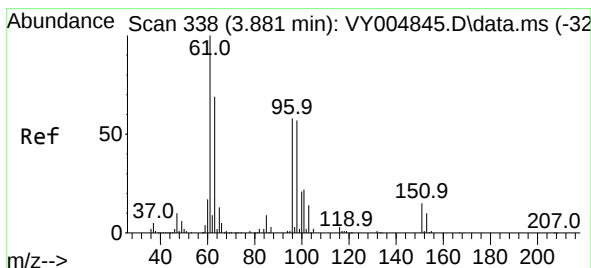
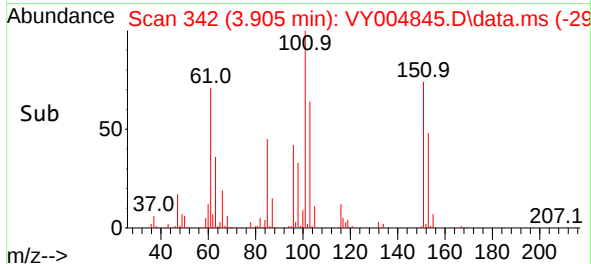
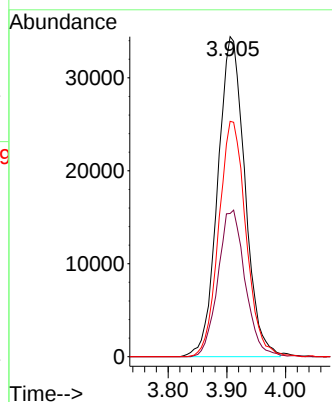
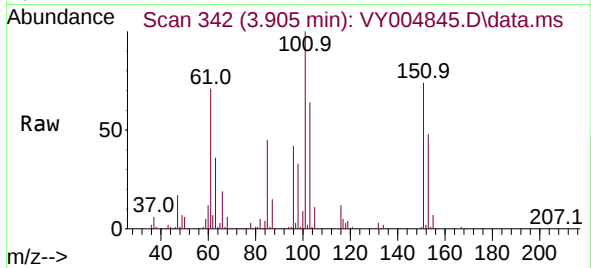




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.04 ug/L
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

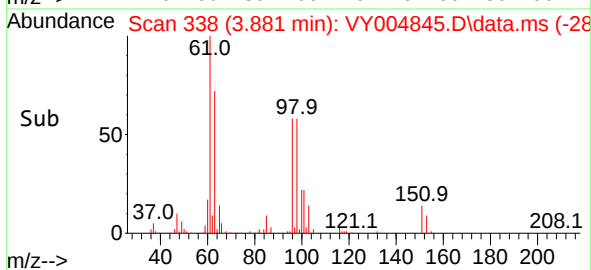
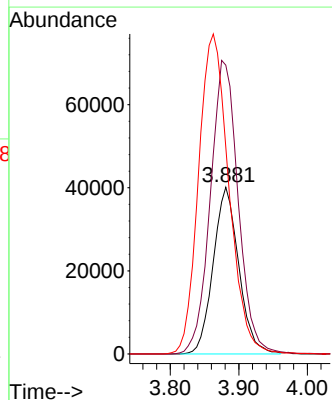
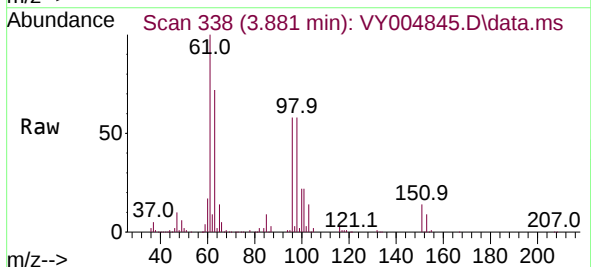
Instrument :
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ClientSampleId :

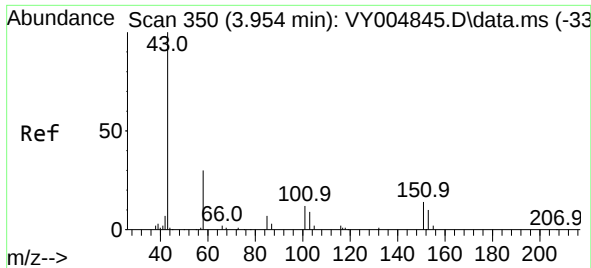
Tgt Ion:101 Resp: 110633
Ion Ratio Lower Upper
101 100
85 45.7 36.6 54.8
151 73.7 59.0 88.4



#12
1,1-Dichloroethene
Concen: 22.52 ug/L
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 96 Resp: 103981
Ion Ratio Lower Upper
96 100
61 173.2 121.2 225.2
63 124.1 86.9 161.3

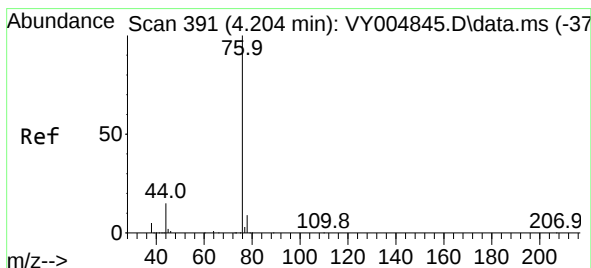
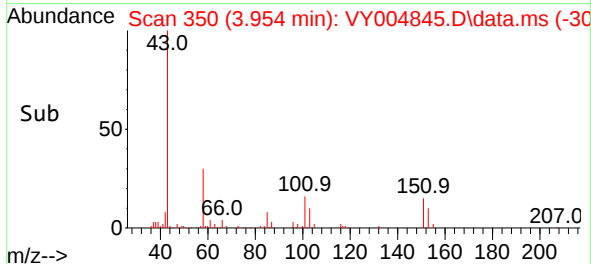
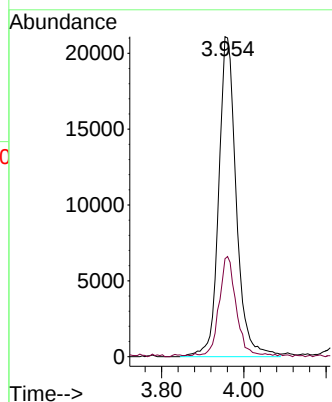
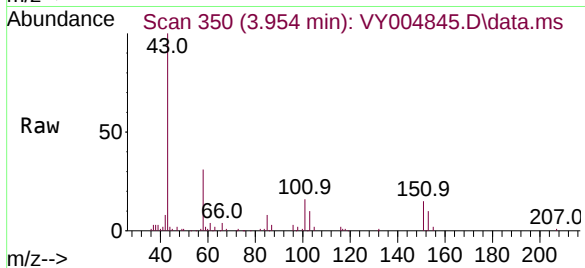




#13
Acetone
Concen: 40.42 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

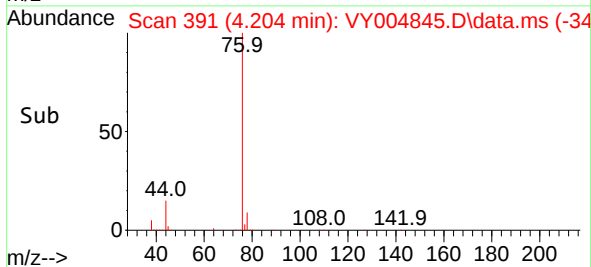
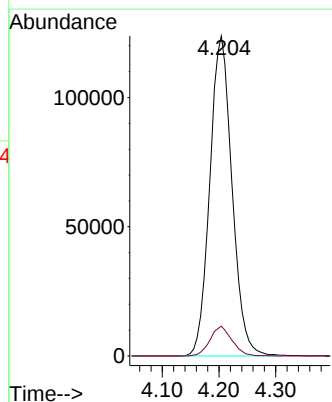
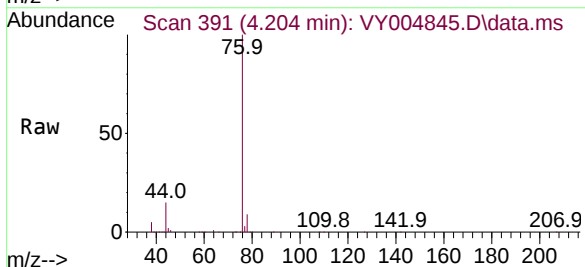
Instrument :
MSVOA_Y
ClientSampled :

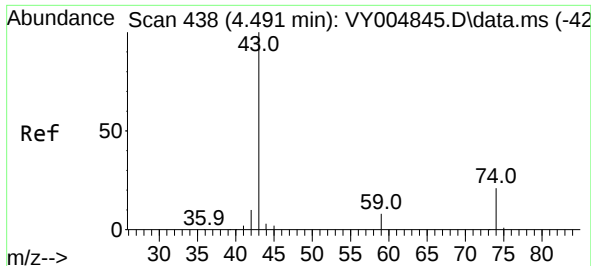
Tgt Ion: 43 Resp: 62602
Ion Ratio Lower Upper
43 100
58 30.5 0.0 61.0



#14
Carbon disulfide
Concen: 21.40 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 76 Resp: 336932
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

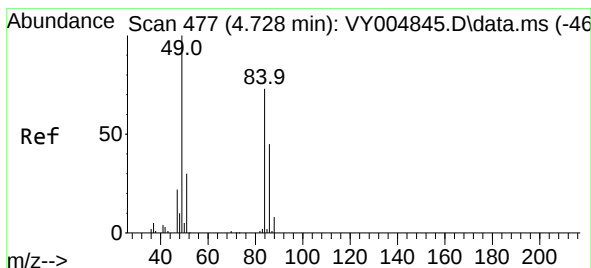
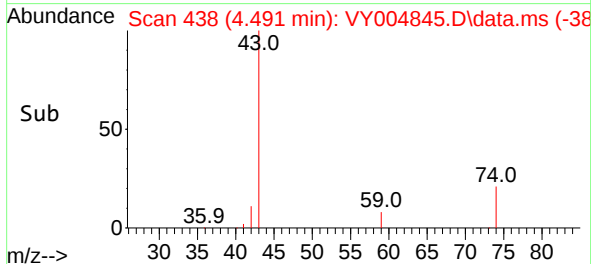
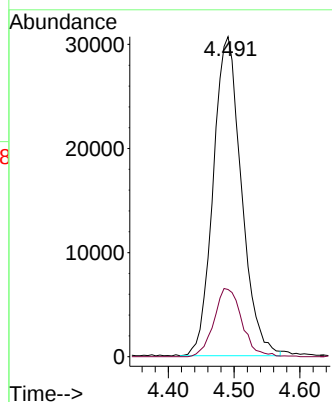
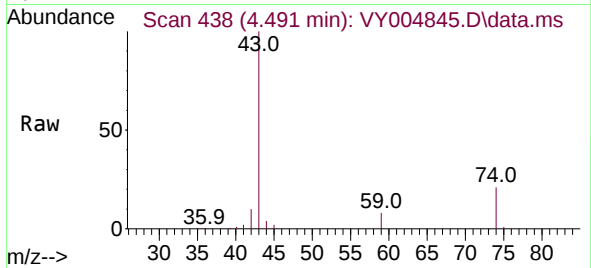




#15
Methyl Acetate
Concen: 24.54 ug/L
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

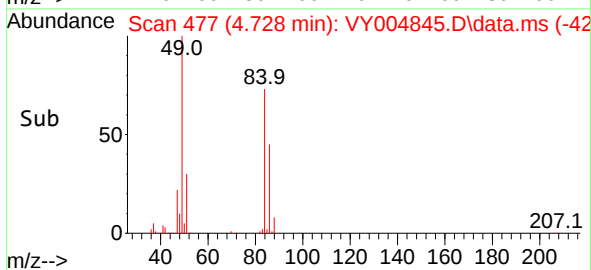
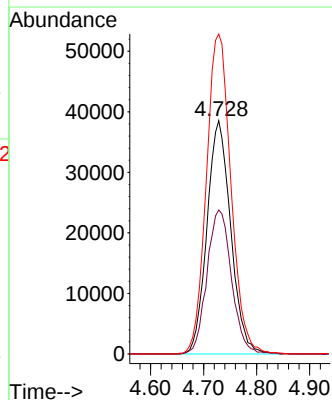
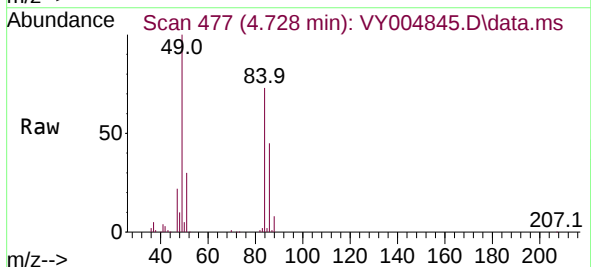
Instrument :
MSVOA_Y
ClientSampled :

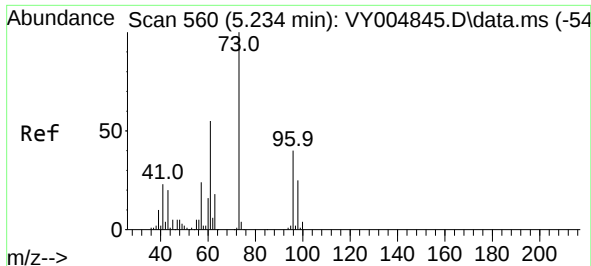
Tgt Ion: 43 Resp: 91534
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1



#16
Methylene chloride
Concen: 20.86 ug/L
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

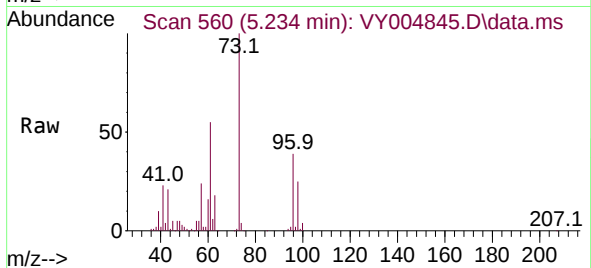
Tgt Ion: 84 Resp: 120159
Ion Ratio Lower Upper
84 100
86 61.7 43.2 80.2
49 137.2 96.0 178.4



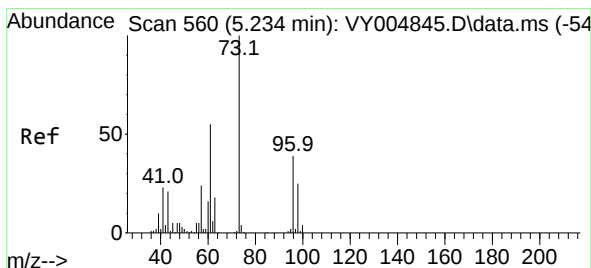
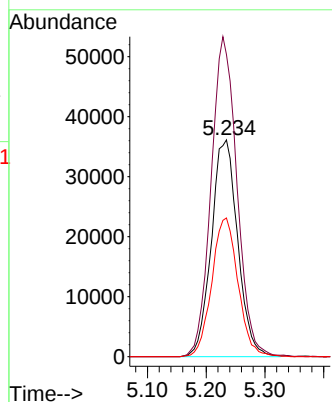
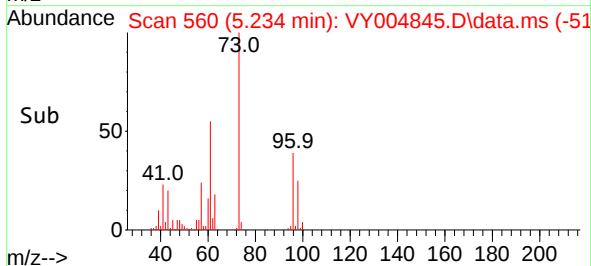


#17
trans-1,2-Dichloroethene
Concen: 23.02 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

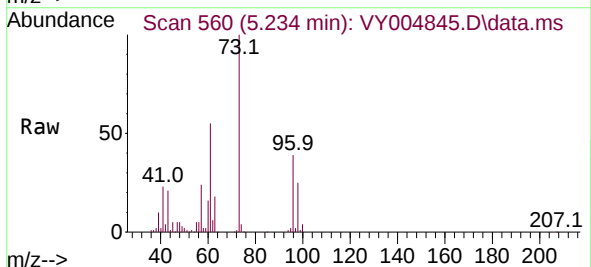
Instrument :
MSVOA_Y
ClientSampleId :



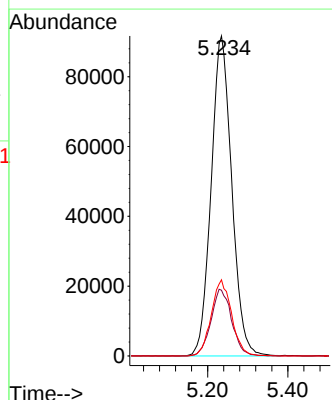
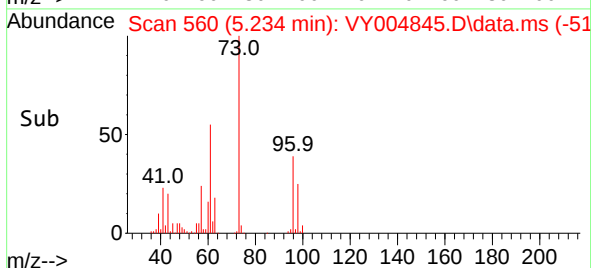
Tgt Ion: 96 Resp: 112344
Ion Ratio Lower Upper
96 100
61 139.4 97.6 181.2
98 64.0 44.8 83.2

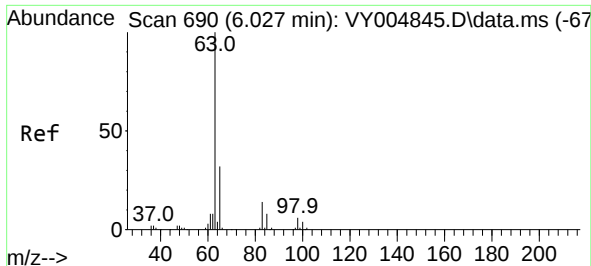


#18
Methyl tert-butyl Ether
Concen: 23.71 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35



Tgt Ion: 73 Resp: 326606
Ion Ratio Lower Upper
73 100
43 21.0 16.8 25.2
57 23.4 18.7 28.1





#19

1,1-Dichloroethane

Concen: 23.55 ug/L

RT: 6.027 min Scan# 690

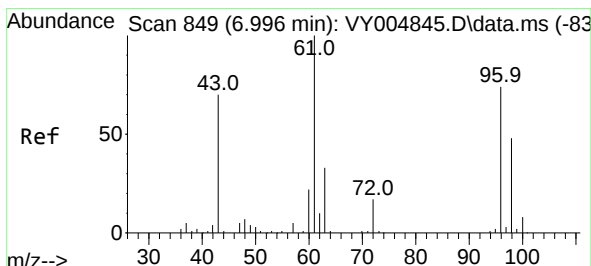
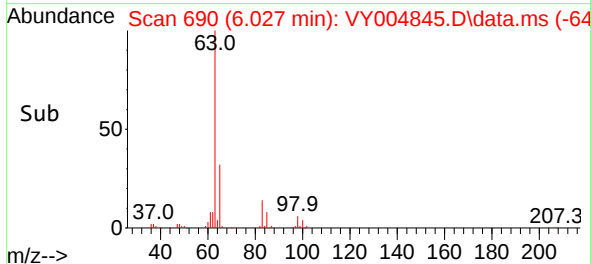
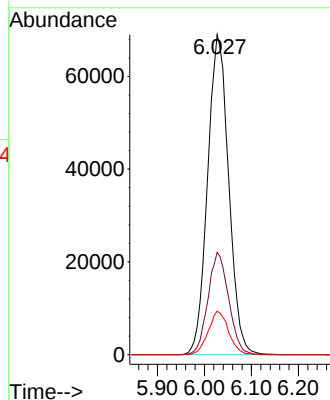
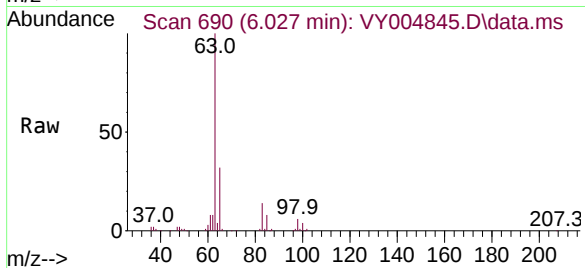
Delta R.T. 0.000 min

Lab File: VY004845.D

Acq: 19 May 2021 11:35

Tgt Ion: 63 Resp: 214796

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.4	41.6
83	13.6	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 23.72 ug/L

RT: 6.996 min Scan# 849

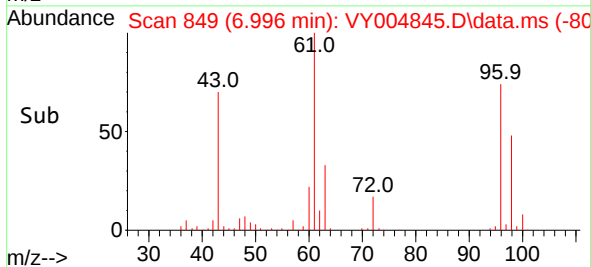
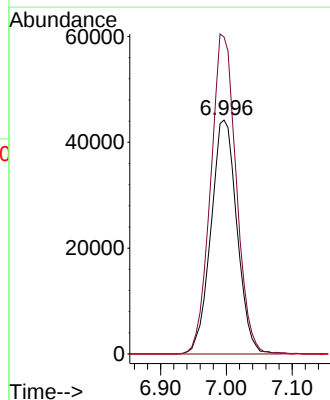
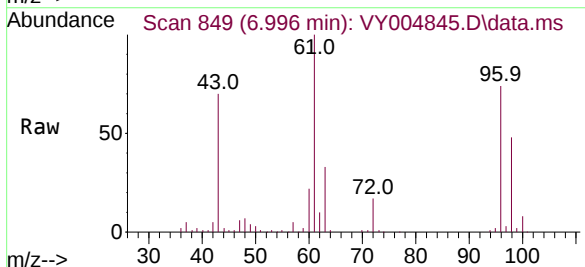
Delta R.T. 0.000 min

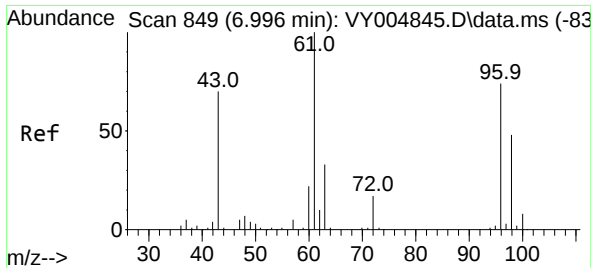
Lab File: VY004845.D

Acq: 19 May 2021 11:35

Tgt Ion: 96 Resp: 121638

Ion	Ratio	Lower	Upper
96	100		
61	135.5	94.8	176.2
68	0.0	0.0	0.0

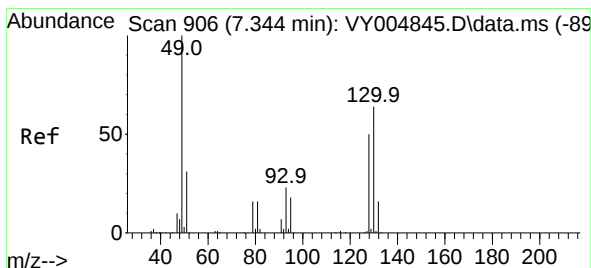
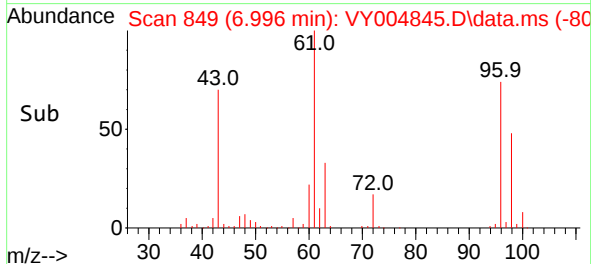
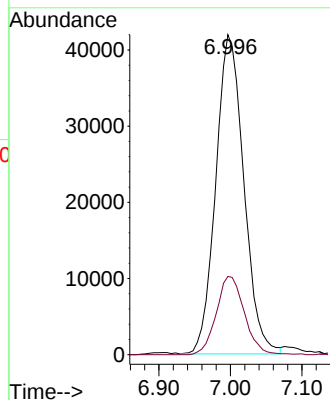
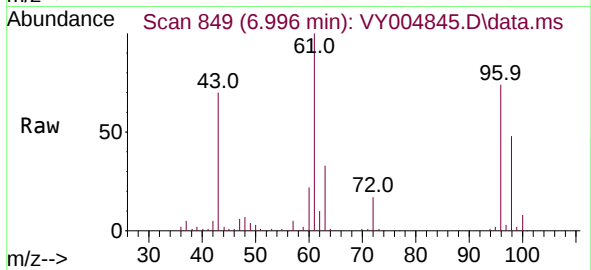




#22
2-Butanone
Concen: 47.59 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

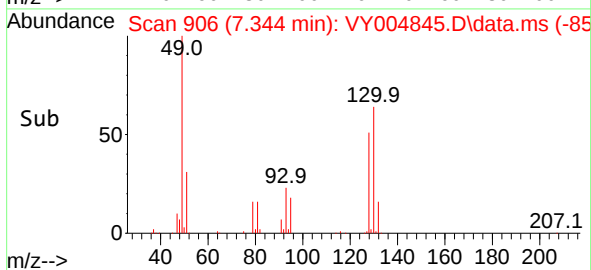
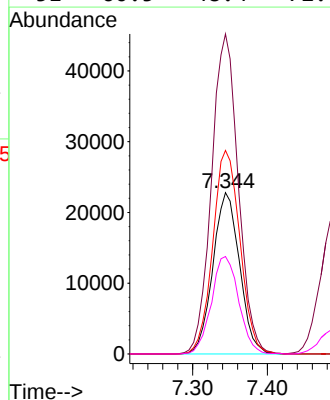
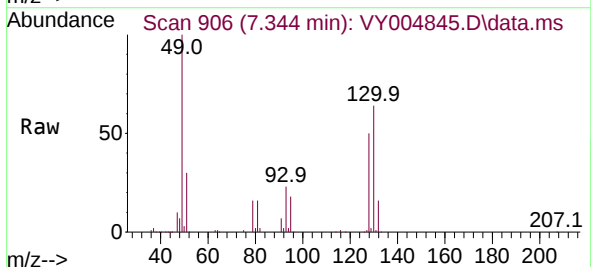
Instrument :
MSVOA_Y
ClientSampled :

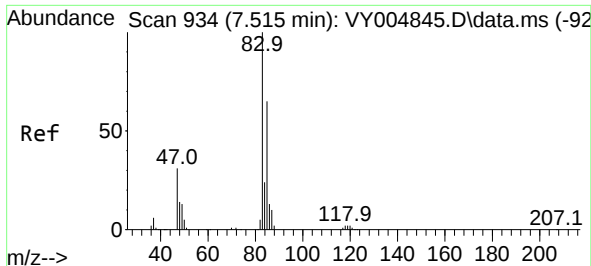
Tgt Ion: 43 Resp: 114181
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6



#23
Bromochloromethane
Concen: 23.10 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:128 Resp: 56494
Ion Ratio Lower Upper
128 100
49 198.5 138.9 258.1
130 126.2 88.3 164.1
51 60.5 48.4 72.6

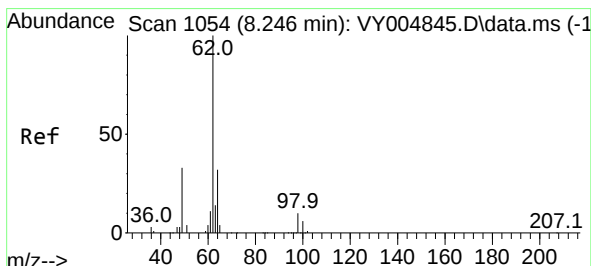
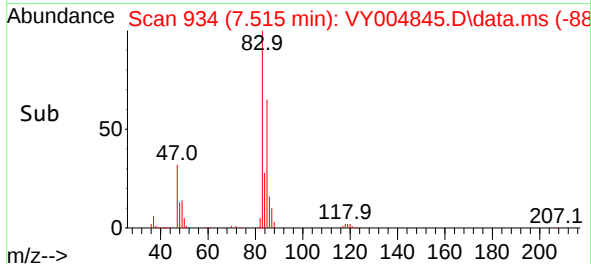
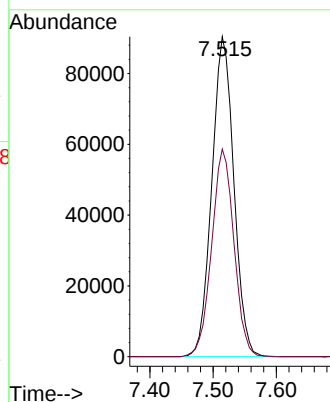
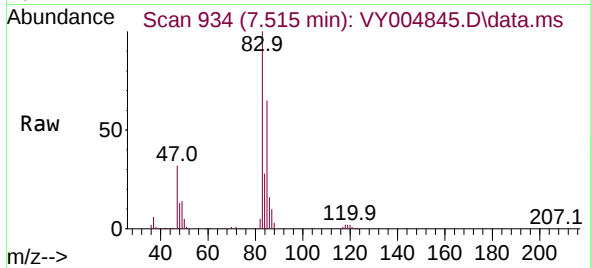




#25
Chloroform
Concen: 23.72 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

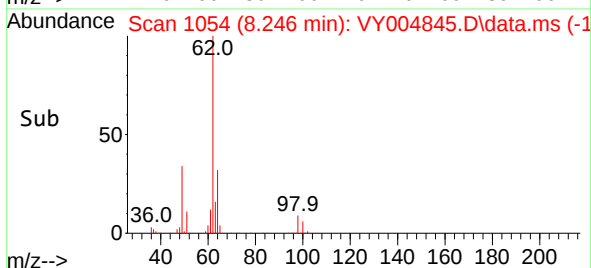
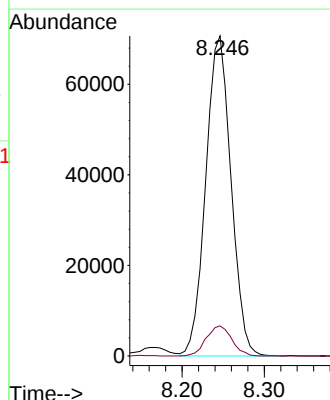
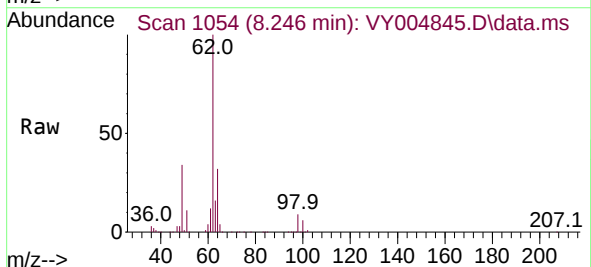
Instrument :
MSVOA_Y
ClientSampled :

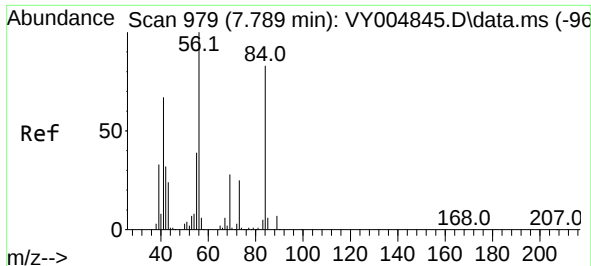
Tgt Ion: 83 Resp: 218176
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 22.32 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 62 Resp: 151139
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 23.73 ug/L

RT: 7.789 min Scan# 979

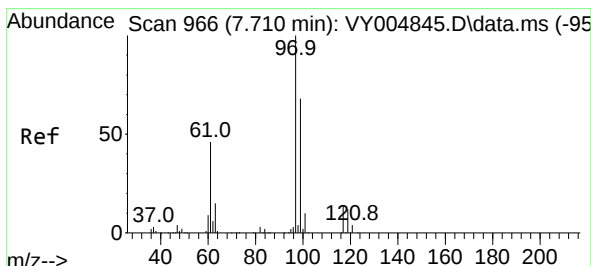
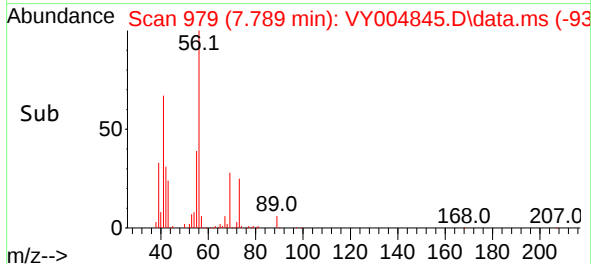
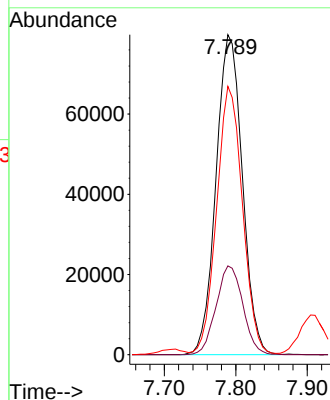
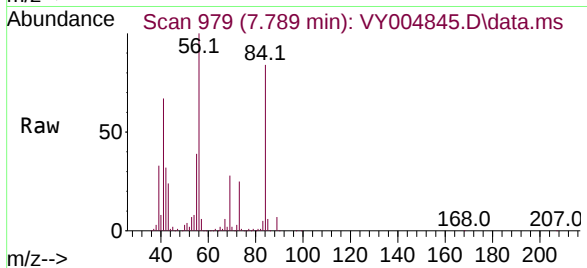
Delta R.T. 0.000 min

Lab File: VY004845.D

Acq: 19 May 2021 11:35

Tgt Ion: 56 Resp: 204007

Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.6	33.8
84	82.6	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 22.80 ug/L

RT: 7.710 min Scan# 966

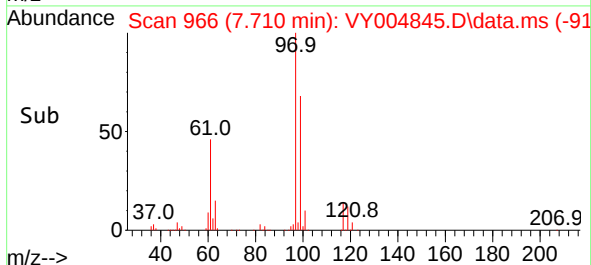
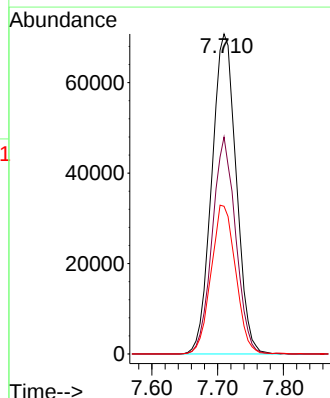
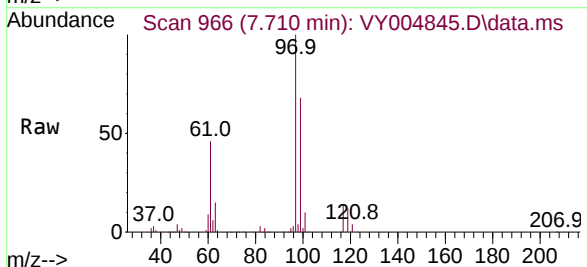
Delta R.T. 0.000 min

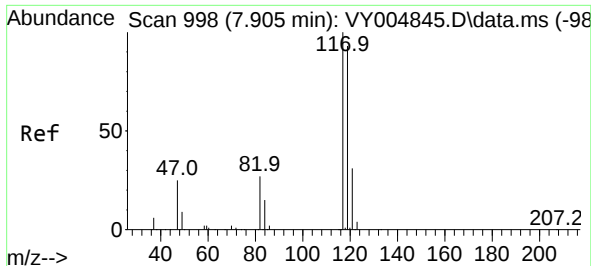
Lab File: VY004845.D

Acq: 19 May 2021 11:35

Tgt Ion: 97 Resp: 183609

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	46.6	37.3	55.9

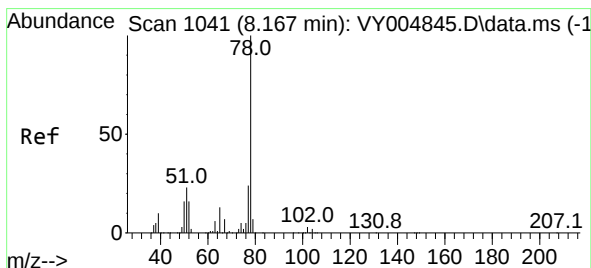
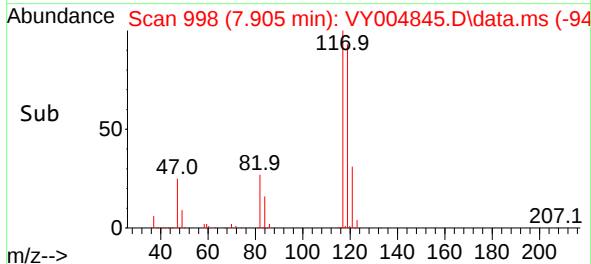
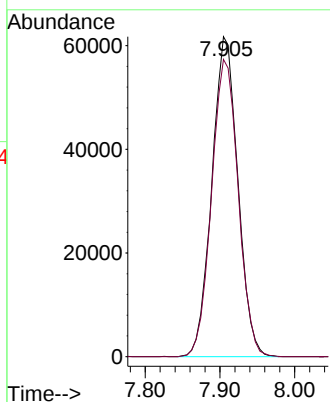
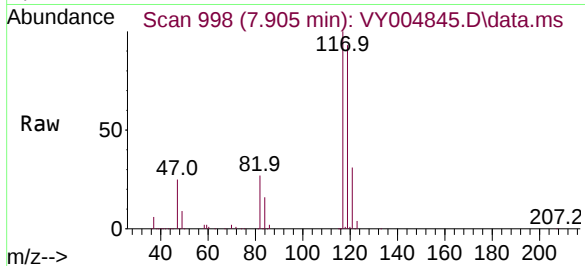




#31
Carbon tetrachloride
Concen: 21.01 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

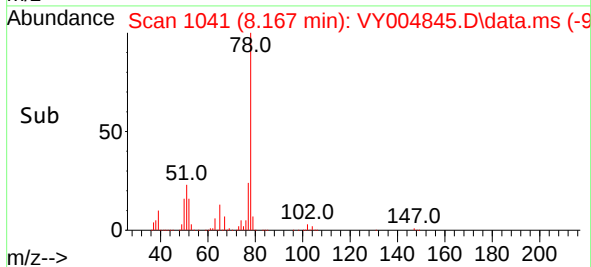
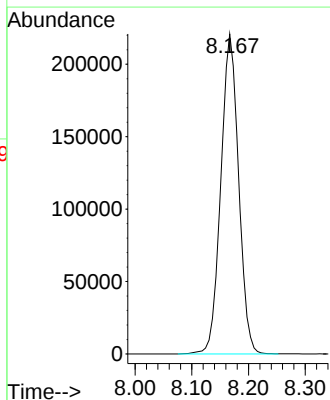
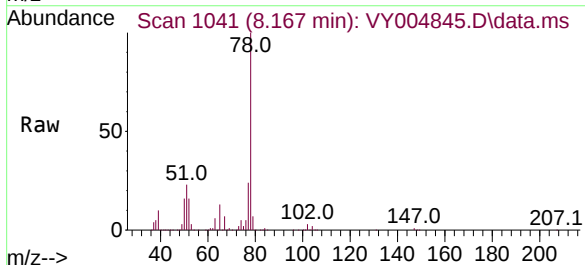
Instrument :
MSVOA_Y
ClientSampled :

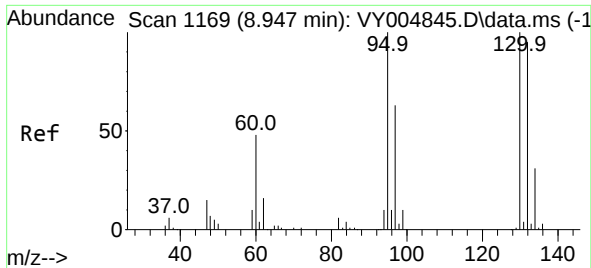
Tgt Ion:117 Resp: 149078
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 24.50 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 78 Resp: 481631

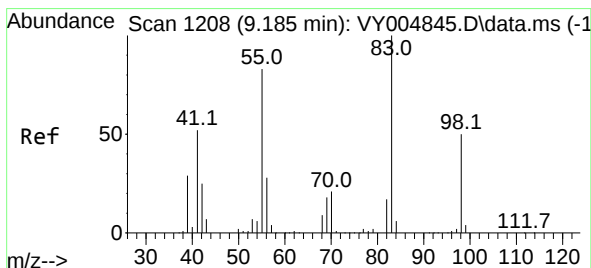
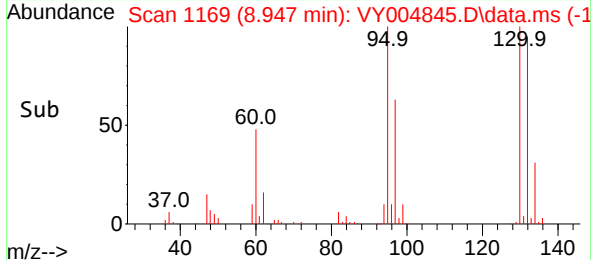
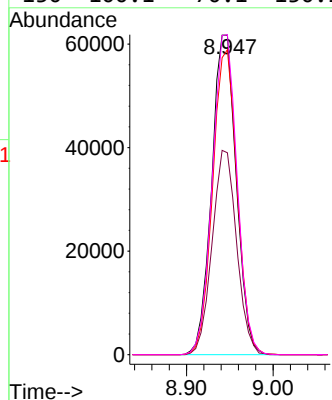
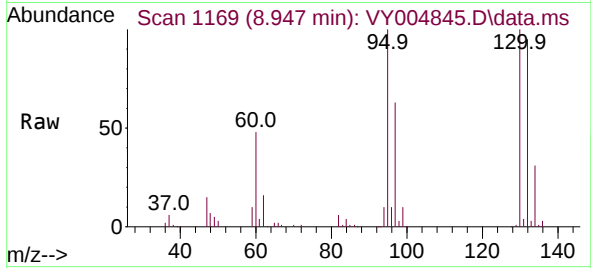




#34
Trichloroethene
Concen: 23.38 ug/L
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

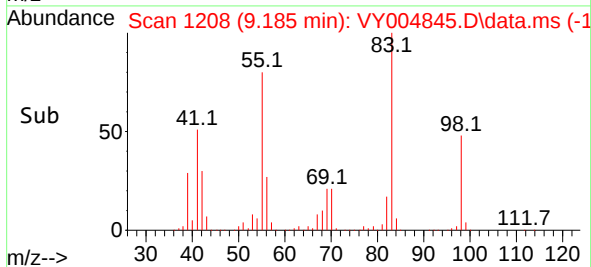
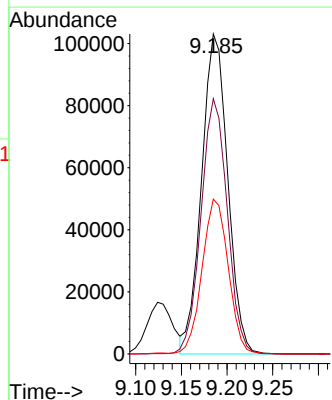
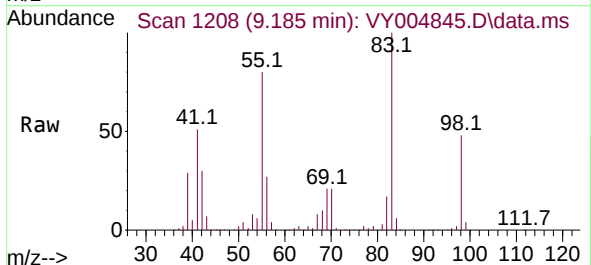
Instrument :
MSVOA_Y
ClientSampled :

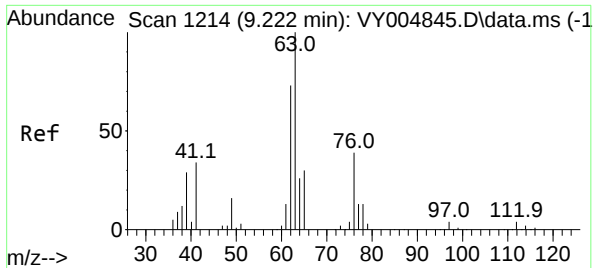
Tgt Ion: 95 Resp: 121779
Ion Ratio Lower Upper
95 100
97 63.2 44.2 82.2
132 95.4 66.8 124.0
130 100.1 70.1 130.1



#35
Methylcyclohexane
Concen: 23.78 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 83 Resp: 205304
Ion Ratio Lower Upper
83 100
55 79.9 63.9 95.9
98 48.4 38.7 58.1

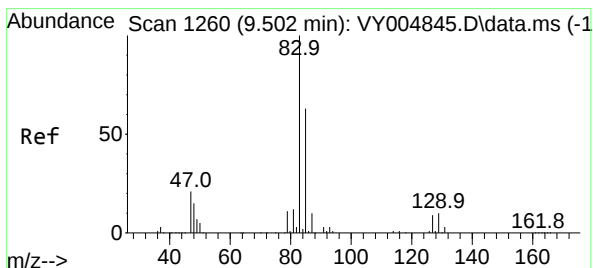
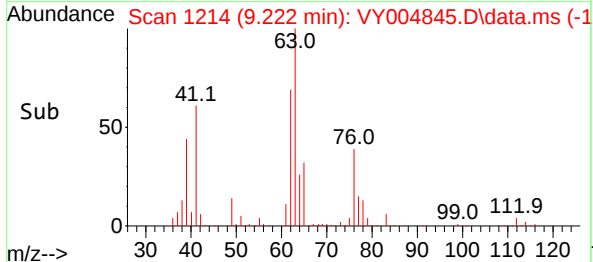
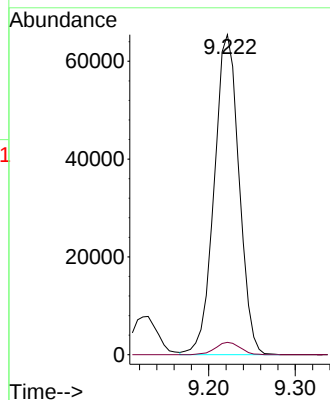
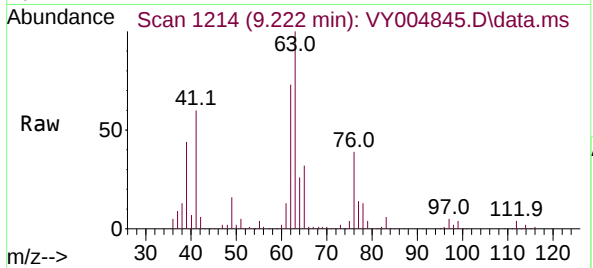




#37
1,2-Dichloropropane
Concen: 24.64 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

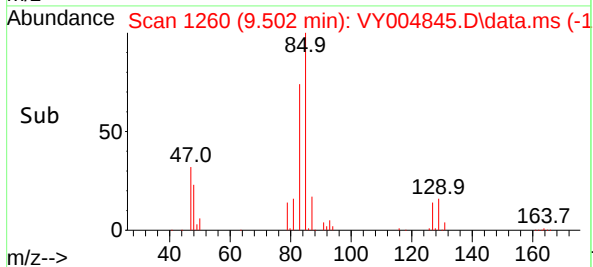
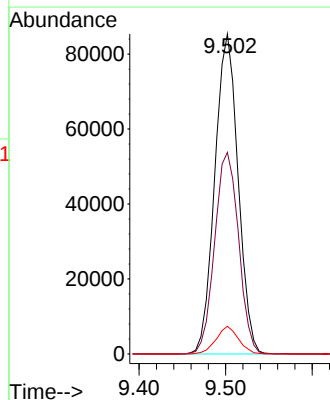
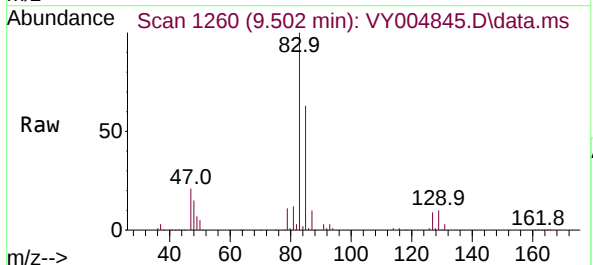
Instrument :
MSVOA_Y
ClientSampleId :

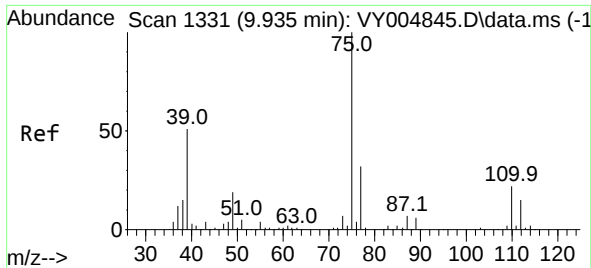
Tgt Ion: 63 Resp: 130220
Ion Ratio Lower Upper
63 100
112 3.9 3.1 4.7



#38
Bromodichloromethane
Concen: 23.26 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 83 Resp: 159514
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9
127 8.6 6.9 10.3

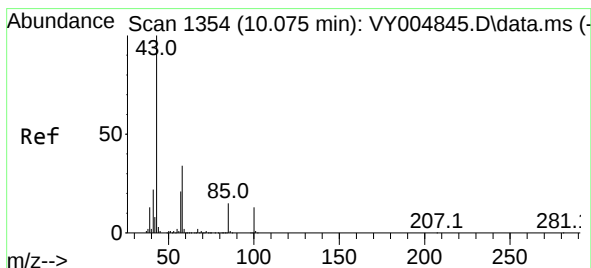
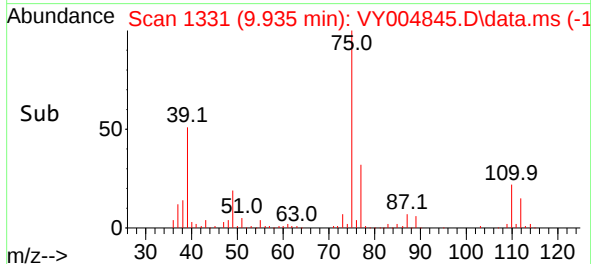
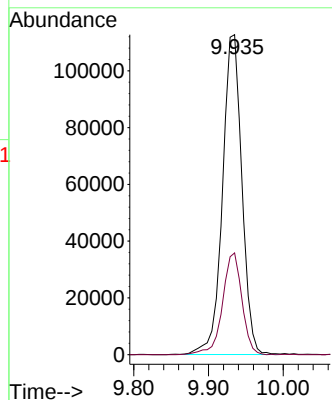
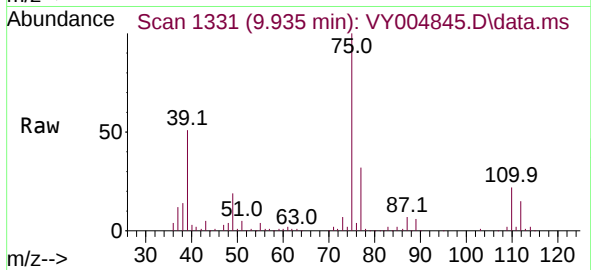




#39
 cis-1,3-Dichloropropene
 Concen: 24.74 ug/L
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY004845.D
 Acq: 19 May 2021 11:35

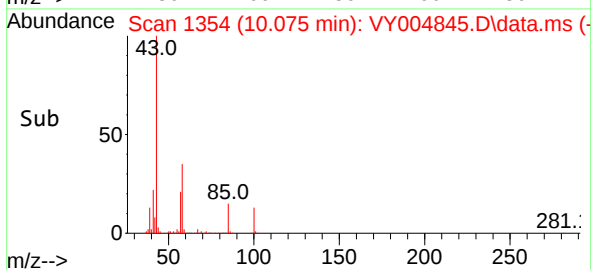
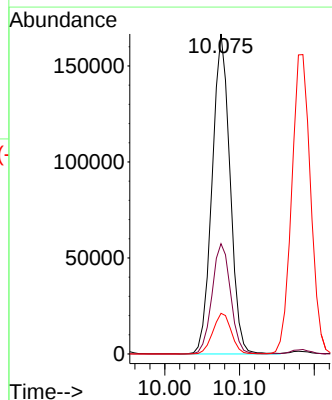
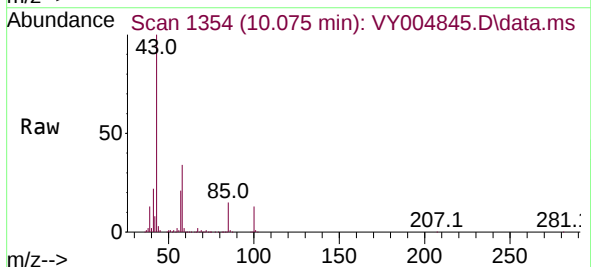
Instrument :
 MSVOA_Y
 ClientSampled :

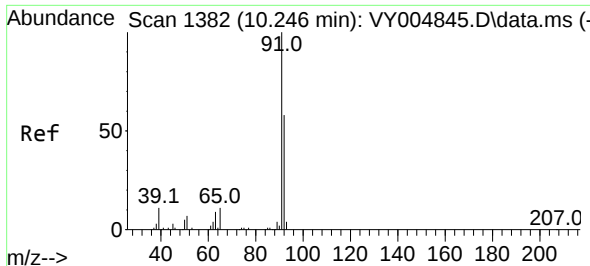
Tgt Ion: 75 Resp: 203022
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 53.91 ug/L
 RT: 10.075 min Scan# 1354
 Delta R.T. 0.000 min
 Lab File: VY004845.D
 Acq: 19 May 2021 11:35

Tgt Ion: 43 Resp: 277578
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.5 42.7
 100 13.0 10.4 15.6

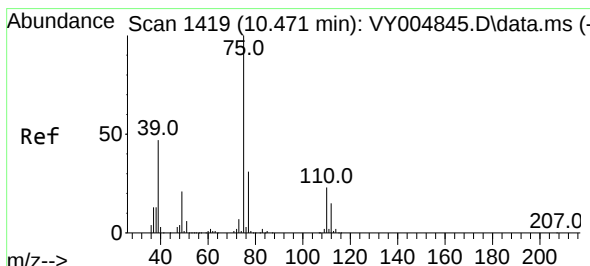
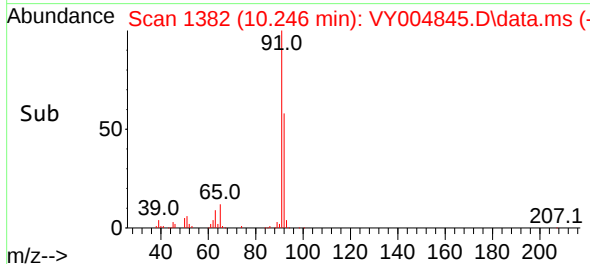
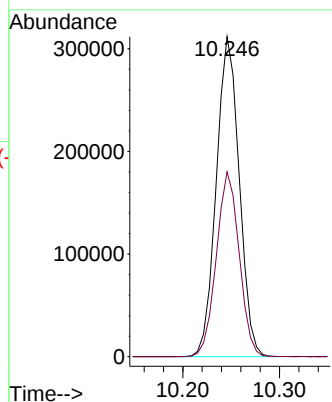
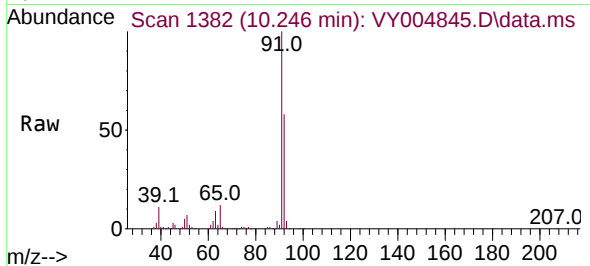




#42
Toluene
Concen: 24.07 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

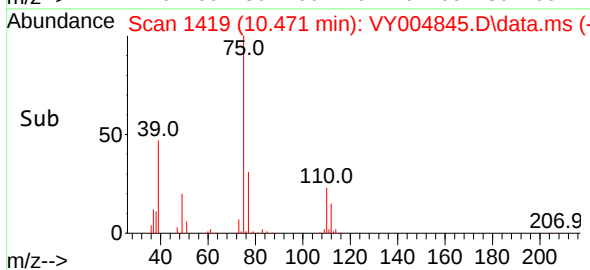
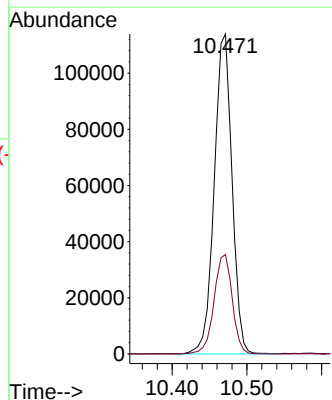
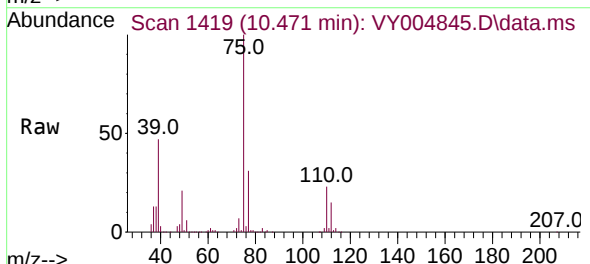
Instrument :
MSVOA_Y
ClientSampled :

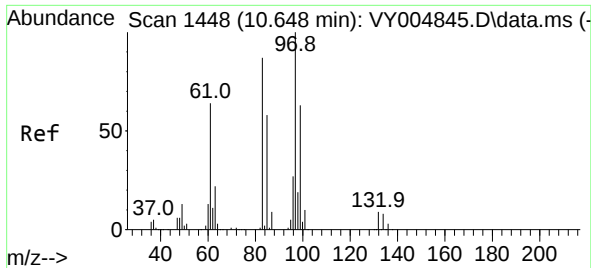
Tgt Ion: 91 Resp: 513738
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 24.71 ug/L
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 75 Resp: 188151
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.4

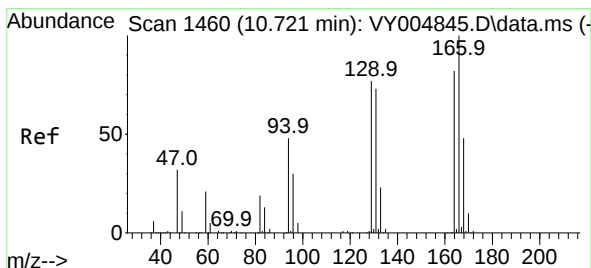
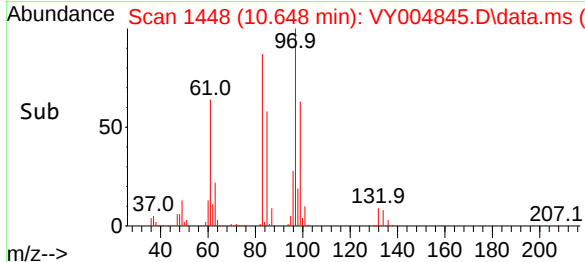
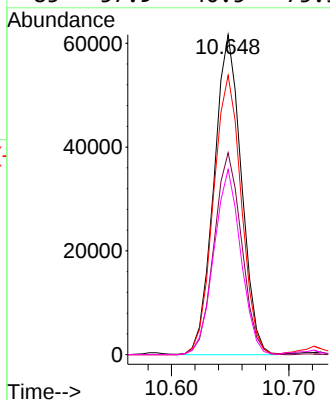
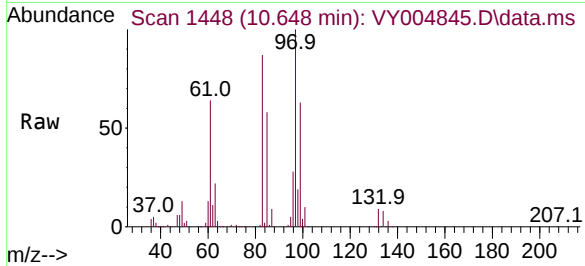




#45
1,1,2-Trichloroethane
Concen: 25.22 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

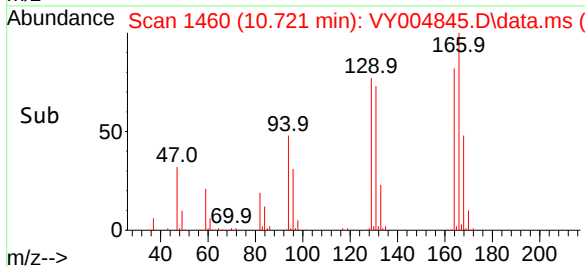
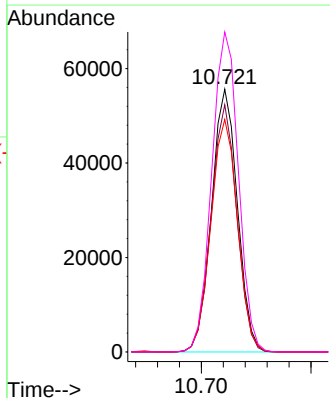
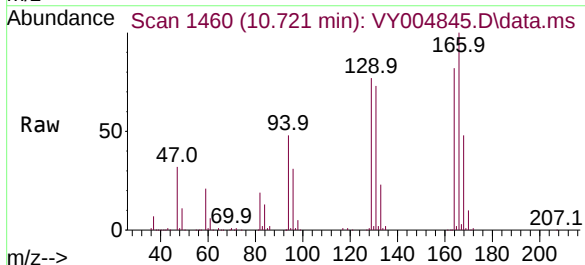
Instrument :
MSVOA_Y
ClientSampled :

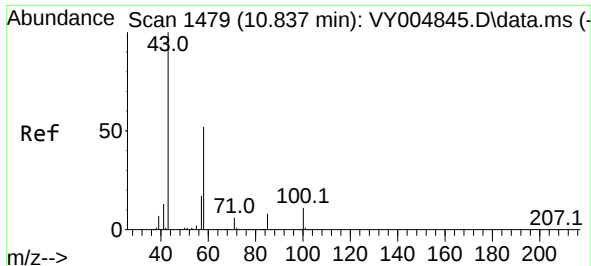
Tgt Ion: 97 Resp: 100247
Ion Ratio Lower Upper
97 100
99 63.1 44.2 82.0
83 87.3 61.1 113.5
85 57.9 40.5 75.3



#46
Tetrachloroethene
Concen: 21.60 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:164 Resp: 91357
Ion Ratio Lower Upper
164 100
129 94.1 65.9 122.3
131 88.5 61.9 115.1
166 121.8 85.3 158.3



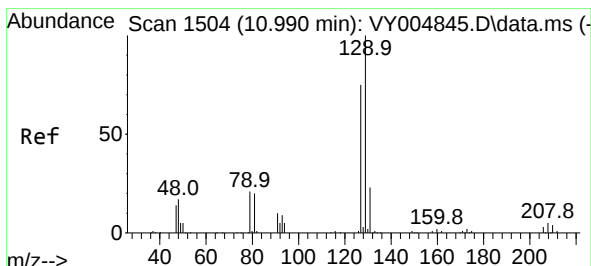
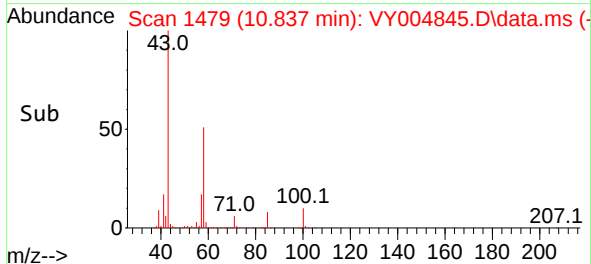
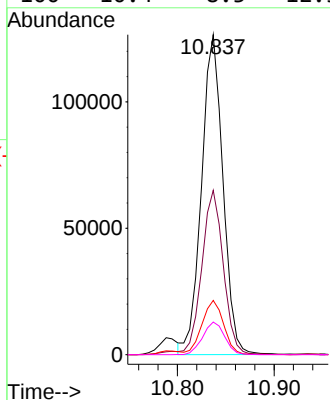
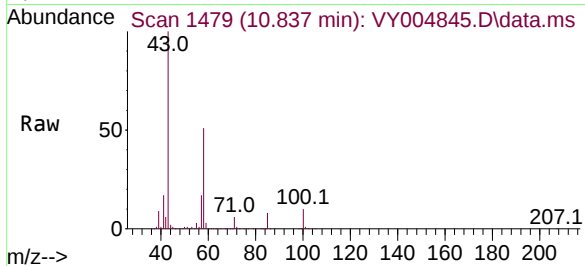


#48
2-Hexanone
Concen: 53.43 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 43 Resp: 195731

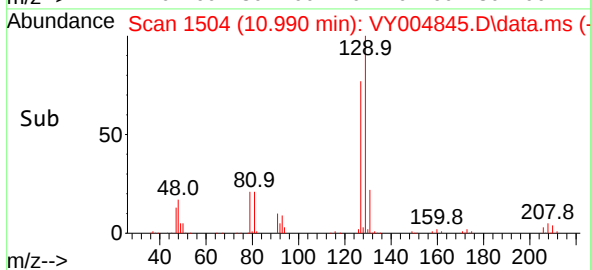
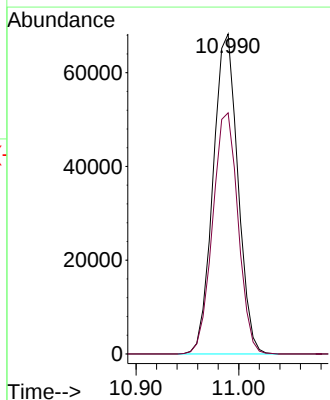
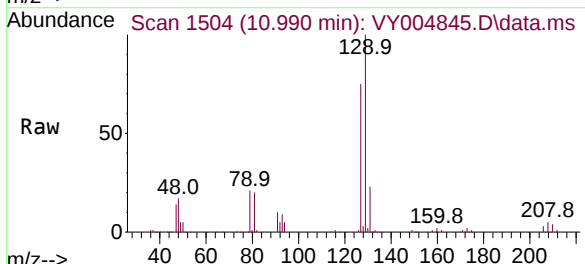
Ion	Ratio	Lower	Upper
43	100		
58	51.4	41.1	61.7
57	17.2	13.8	20.6
100	10.4	8.3	12.5

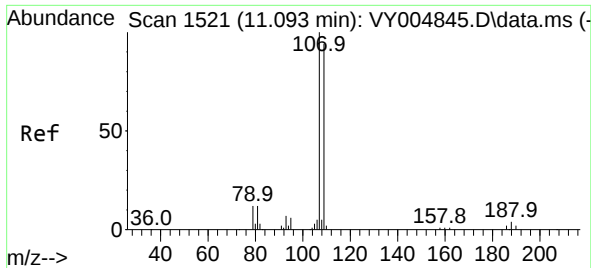


#49
Dibromochloromethane
Concen: 23.52 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 129 Resp: 114333

Ion	Ratio	Lower	Upper
129	100		
127	75.4	52.8	98.0

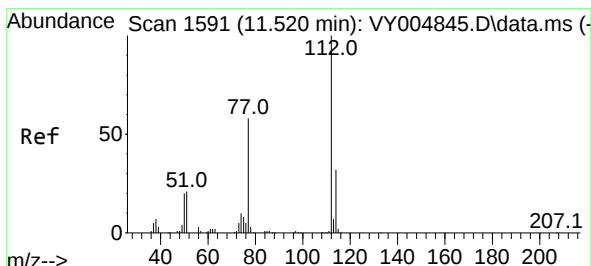
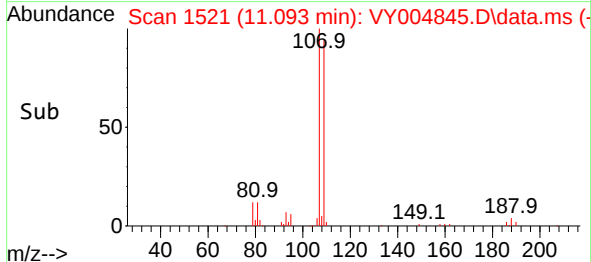
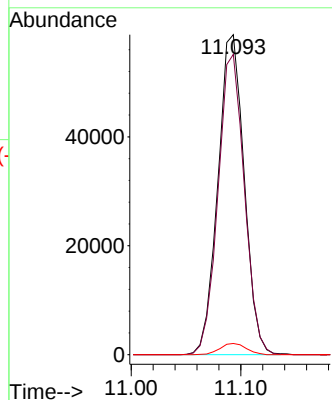
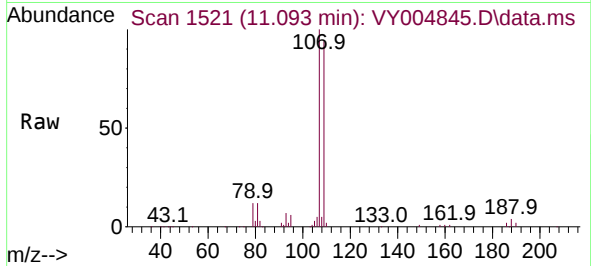




#50
1,2-Dibromoethane
Concen: 25.09 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

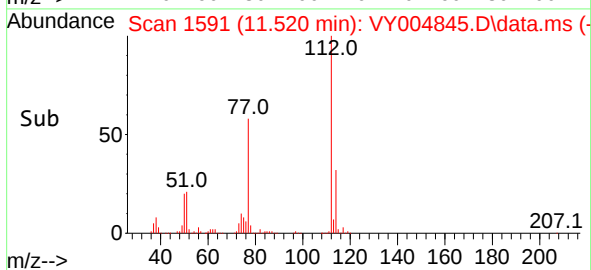
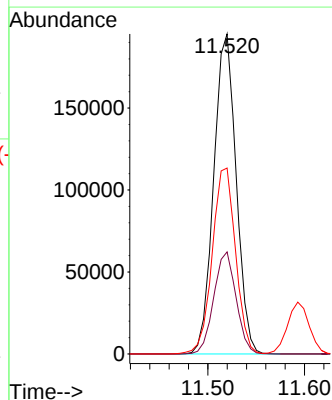
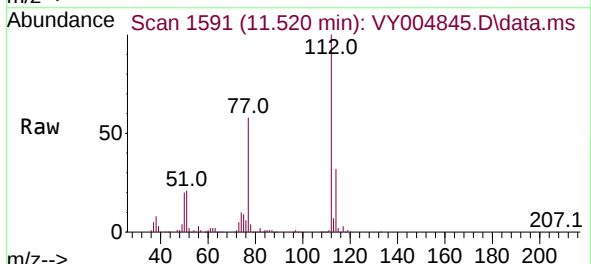
Instrument :
MSVOA_Y
ClientSampled :

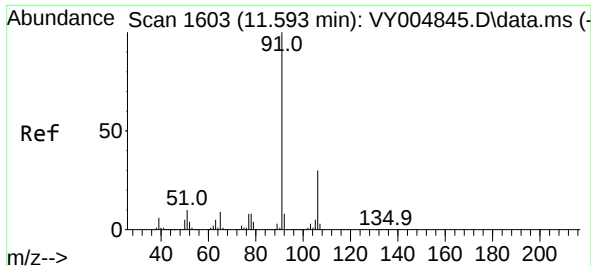
Tgt Ion:	107	Resp:	97989
Ion Ratio	Lower	Upper	
107	100		
109	93.8	65.7	121.9
188	3.5	2.8	4.2



#51
Chlorobenzene
Concen: 23.51 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:	112	Resp:	314519
Ion Ratio	Lower	Upper	
112	100		
114	31.9	22.3	41.5
77	58.1	46.5	69.7

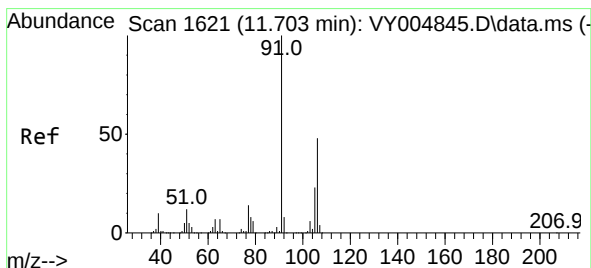
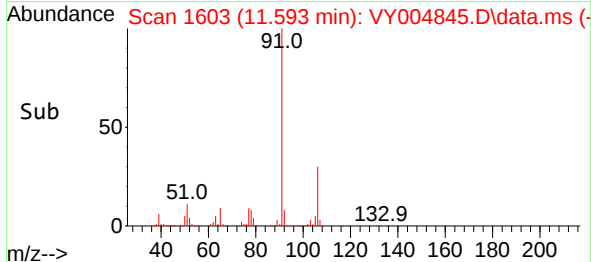
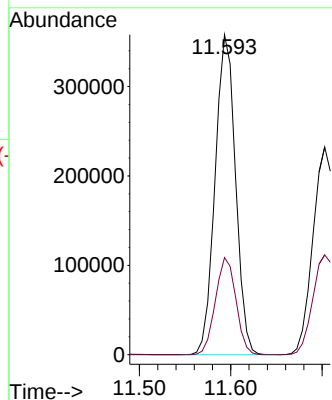
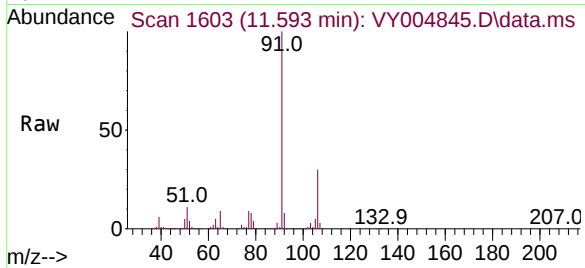




#52
Ethylbenzene
Concen: 23.44 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

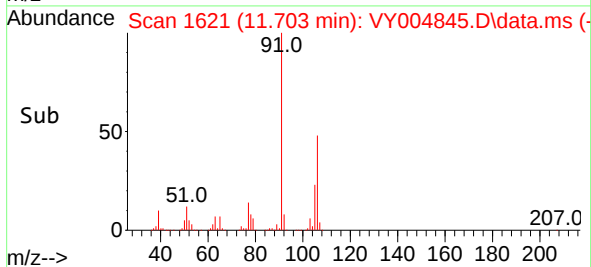
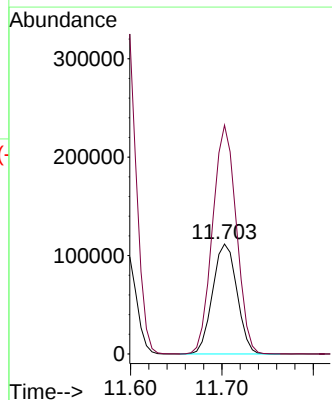
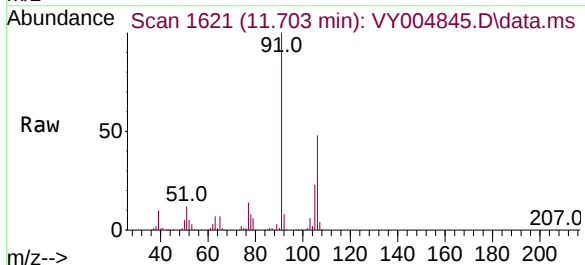
Instrument :
MSVOA_Y
ClientSampled :

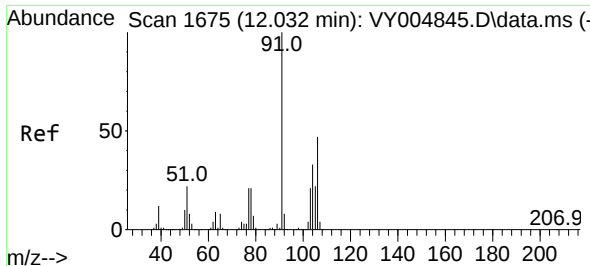
Tgt Ion: 91 Resp: 555970
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 23.34 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 106 Resp: 206872
Ion Ratio Lower Upper
106 100
91 208.1 145.7 270.5

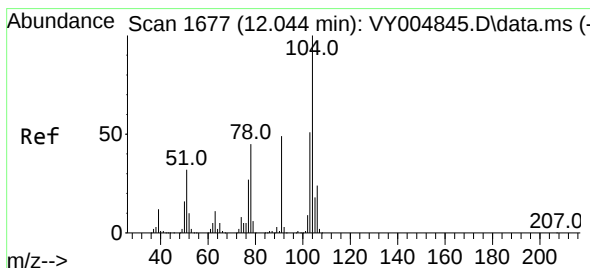
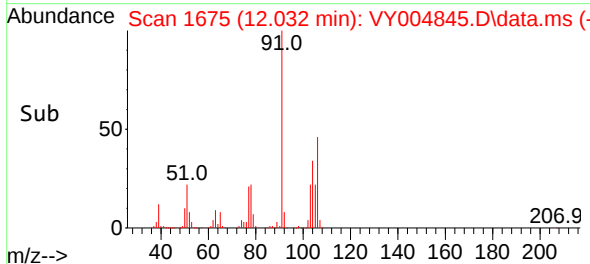
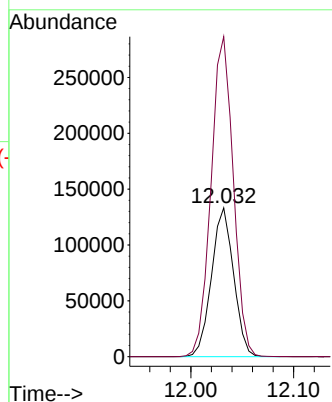
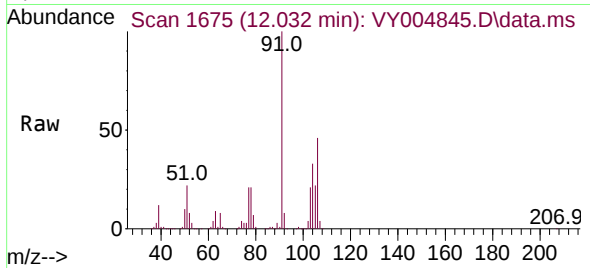




#54
o-Xylene
Concen: 23.47 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

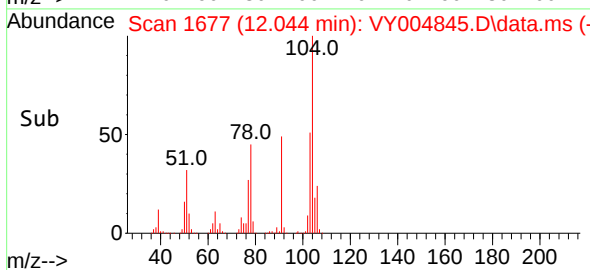
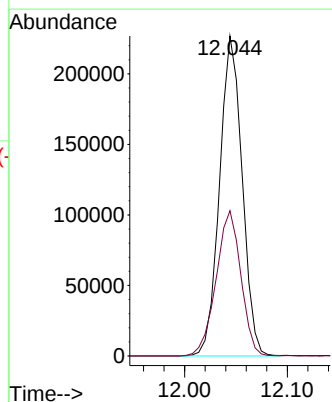
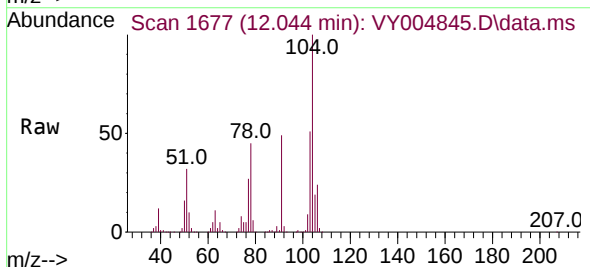
Instrument :
MSVOA_Y
ClientSampled :

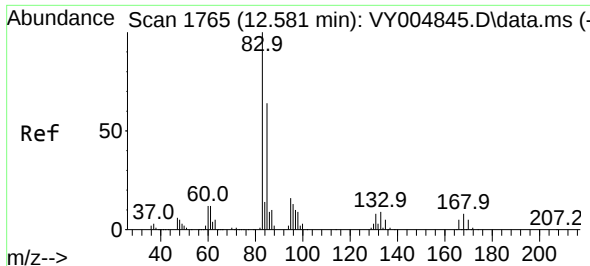
Tgt Ion:106 Resp: 198889
Ion Ratio Lower Upper
106 100
91 215.1 150.6 279.6



#55
Styrene
Concen: 23.51 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:104 Resp: 345837
Ion Ratio Lower Upper
104 100
78 45.4 31.8 59.0

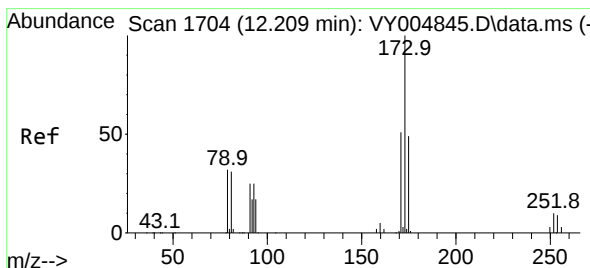
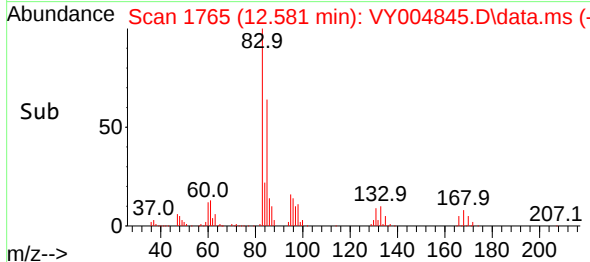
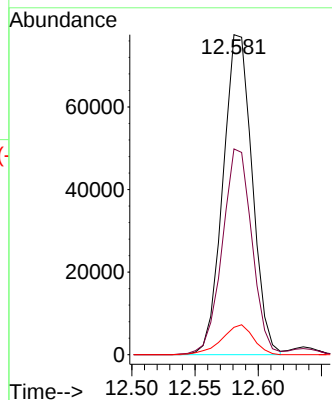
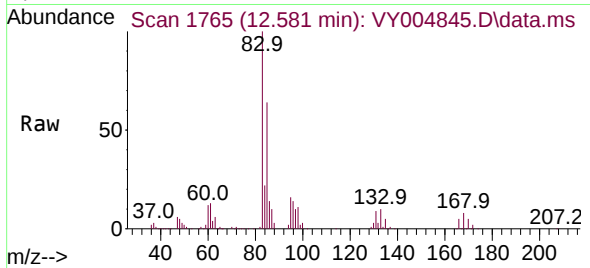




#57
1,1,2,2-Tetrachloroethane
Concen: 24.47 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

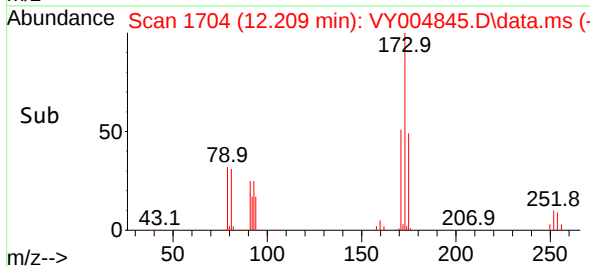
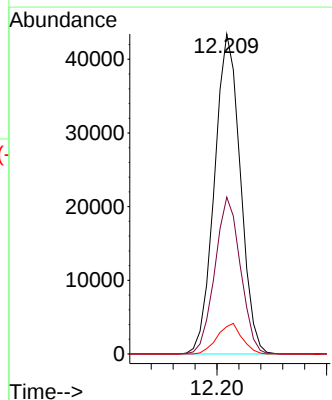
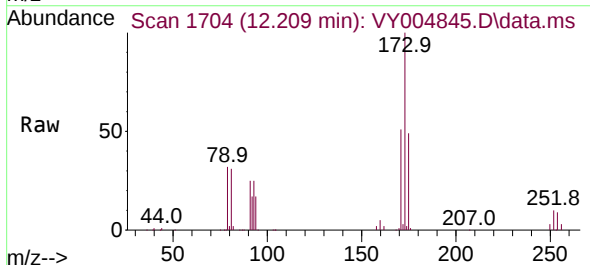
Instrument :
MSVOA_Y
ClientSampled :

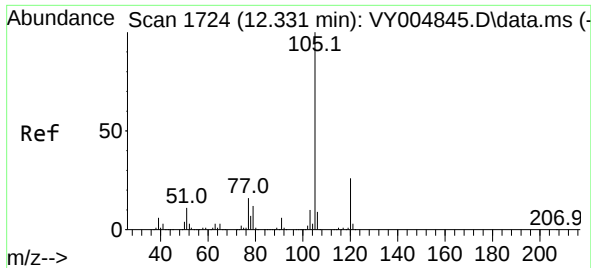
Tgt Ion: 83 Resp: 124469
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
131 8.6 6.9 10.3



#59
Bromoform
Concen: 23.44 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 173 Resp: 71210
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 9.1 7.3 10.9

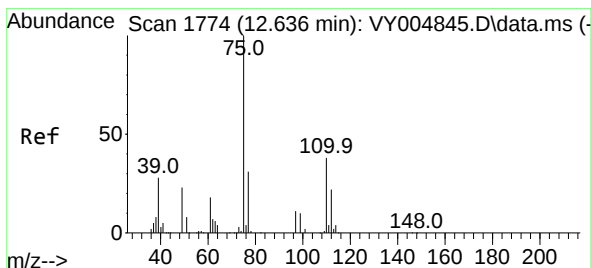
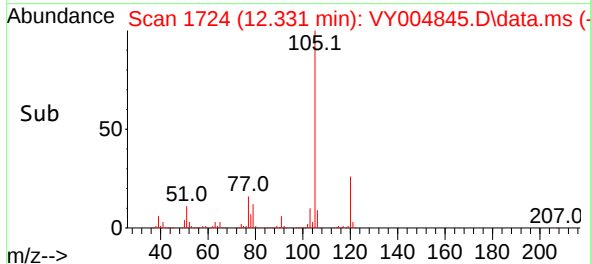
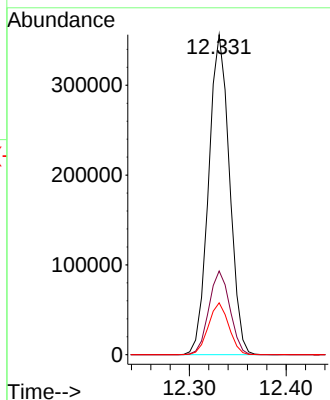
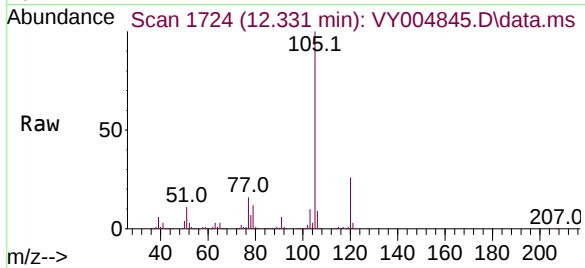




#60
Isopropylbenzene
Concen: 25.15 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

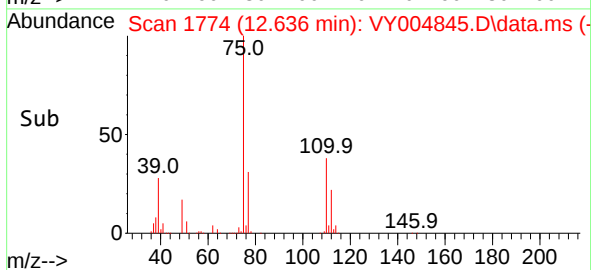
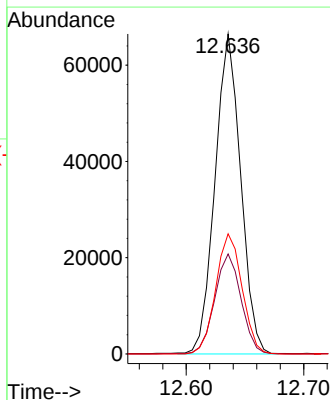
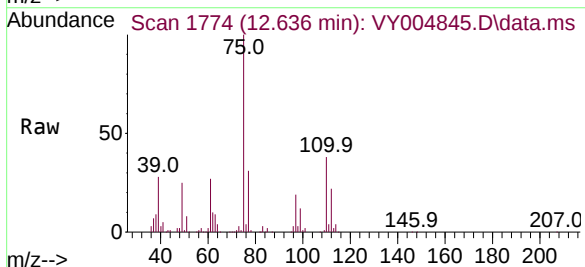
Instrument :
MSVOA_Y
ClientSampled :

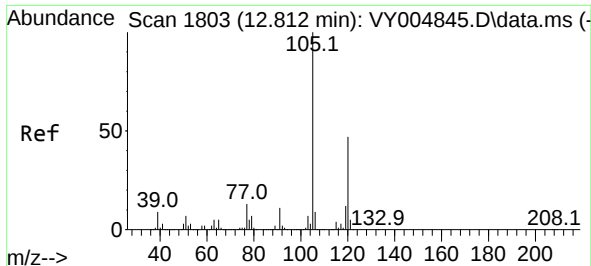
Tgt Ion:105 Resp: 534346
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 26.66 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 75 Resp: 100945
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 38.5 30.8 46.2

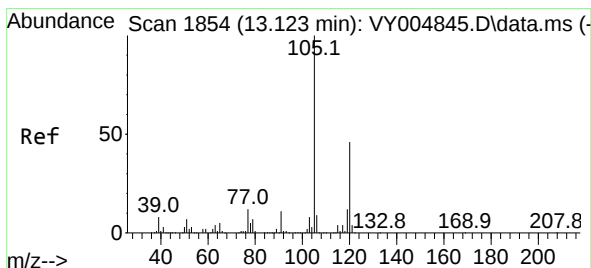
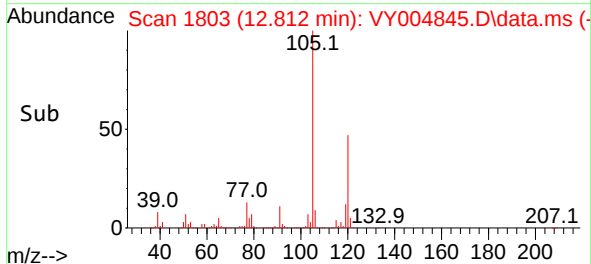
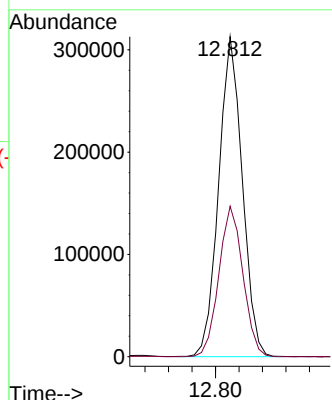
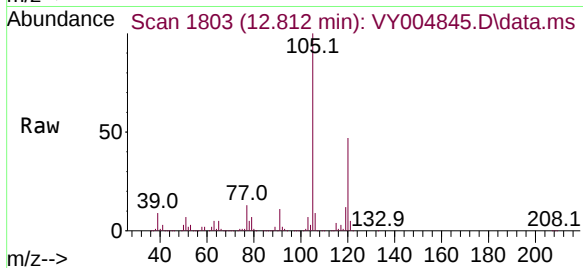




#62
1,3,5-Trimethylbenzene
Concen: 24.42 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

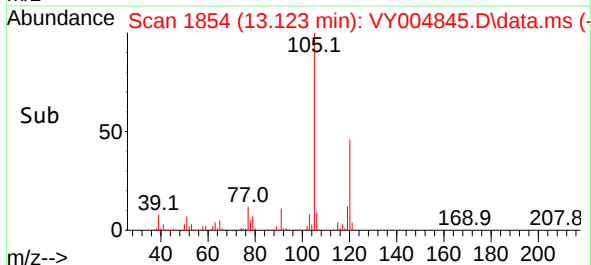
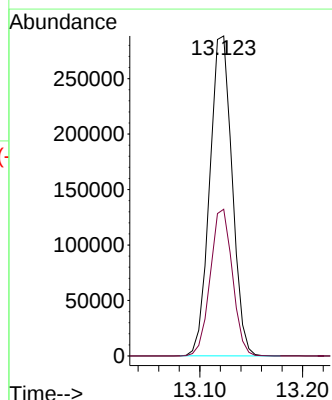
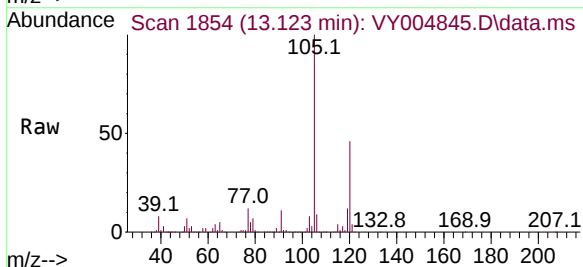
Instrument :
MSVOA_Y
ClientSampled :

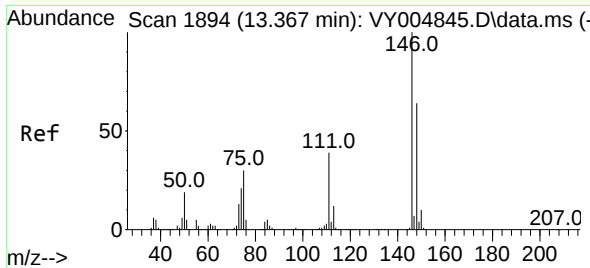
Tgt Ion:105 Resp: 437040
Ion Ratio Lower Upper
105 100
120 47.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 24.77 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:105 Resp: 436387
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.4

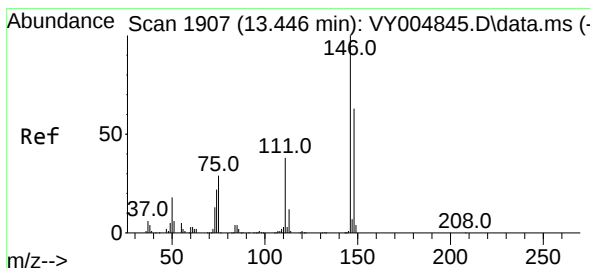
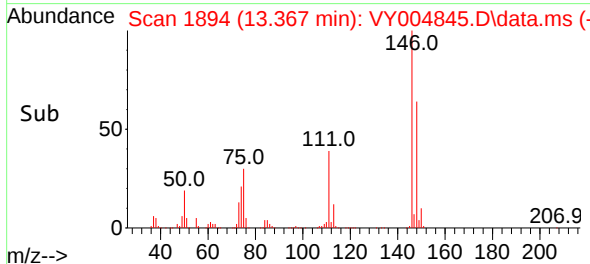
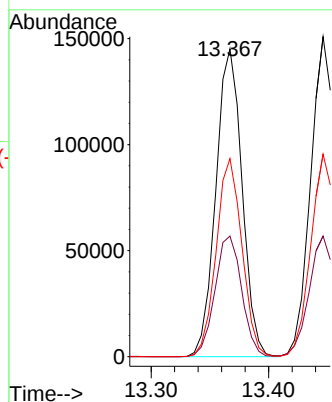
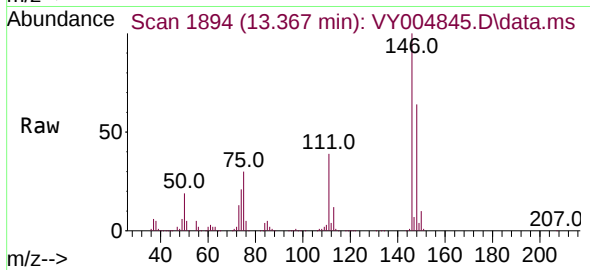




#64
1,3-Dichlorobenzene
Concen: 23.35 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

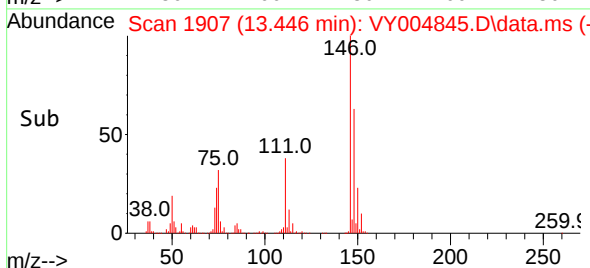
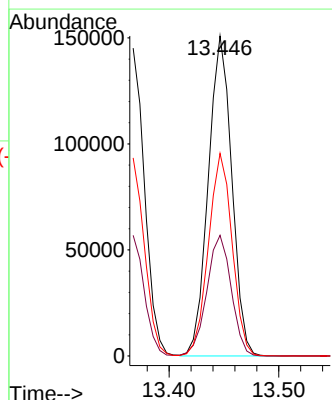
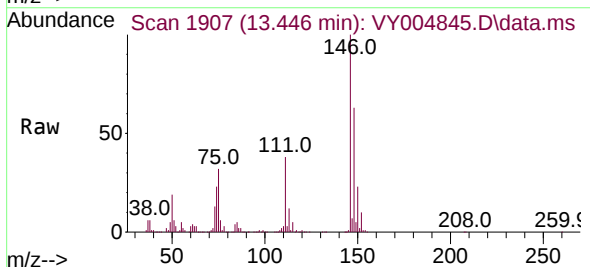
Instrument :
MSVOA_Y
ClientSampled :

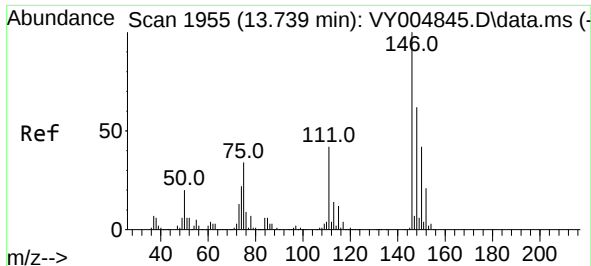
Tgt Ion:146 Resp: 224967
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 64.4 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 23.33 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:146 Resp: 225131
Ion Ratio Lower Upper
146 100
111 37.7 26.4 49.0
148 63.3 44.3 82.3

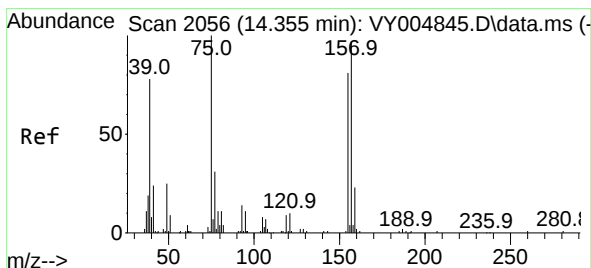
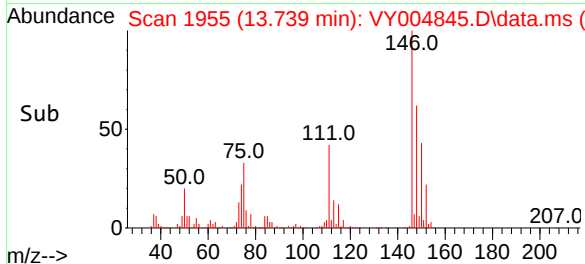
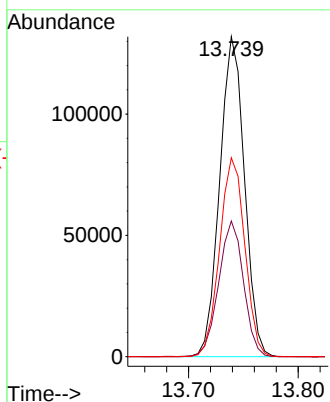
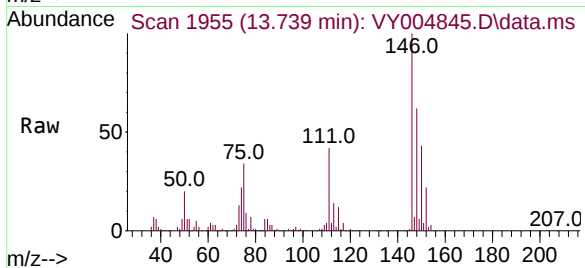




#67
1,2-Dichlorobenzene
Concen: 23.10 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

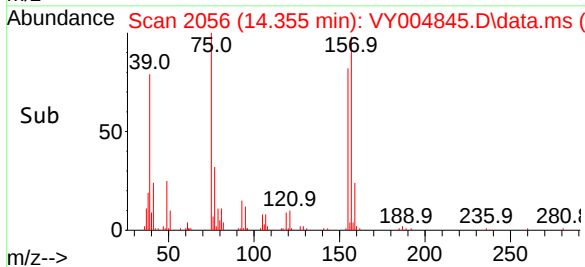
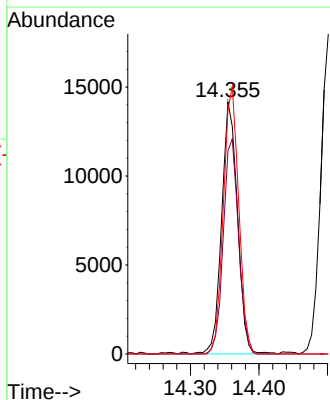
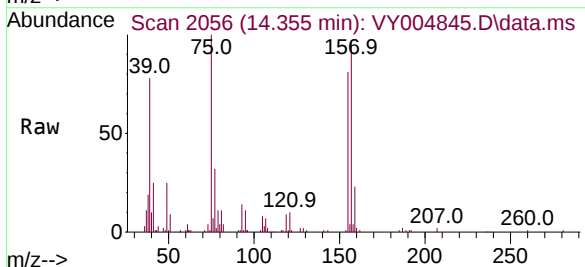
Instrument :
MSVOA_Y
ClientSampled :

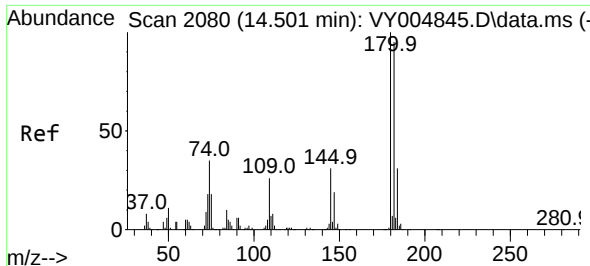
Tgt Ion:146 Resp: 207087
Ion Ratio Lower Upper
146 100
111 42.4 33.9 50.9
148 62.1 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.12 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion: 75 Resp: 22721
Ion Ratio Lower Upper
75 100
155 80.6 64.5 96.7
157 96.8 77.4 116.2

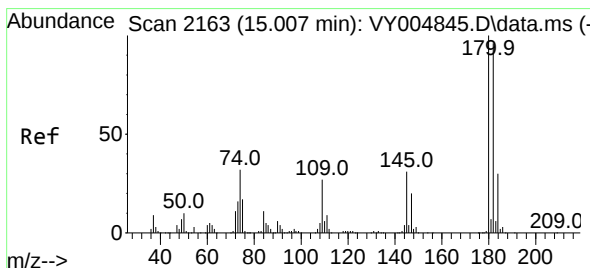
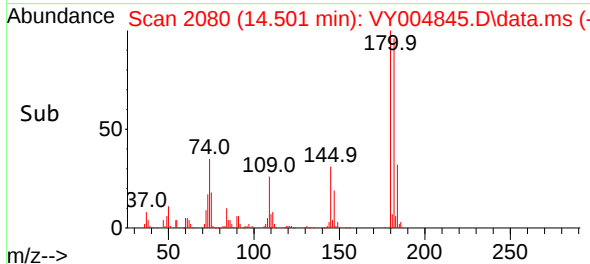
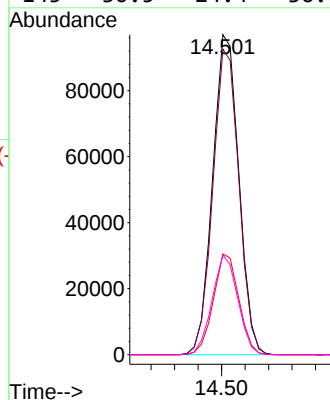
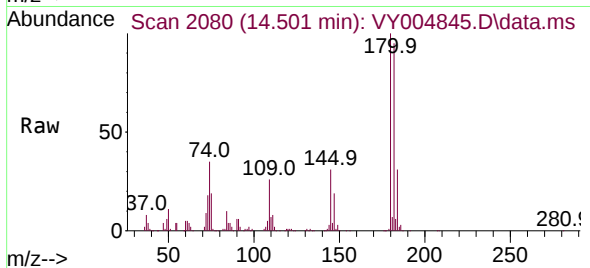




#69
1,3,5-Trichlorobenzene
Concen: 21.73 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

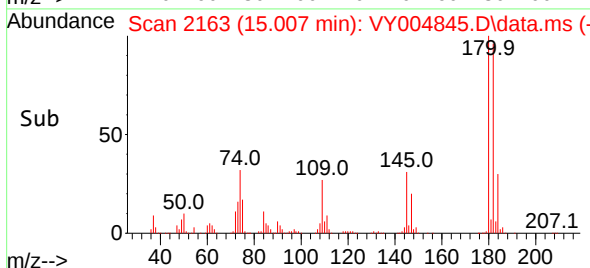
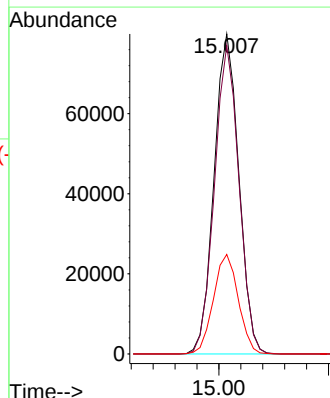
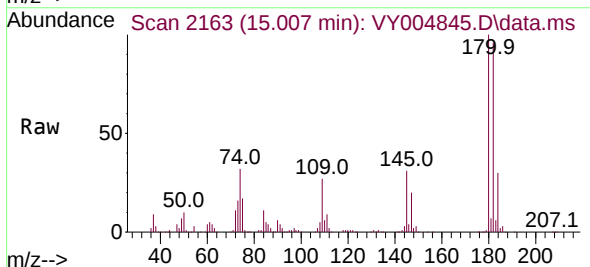
Instrument :
MSVOA_Y
ClientSampled :

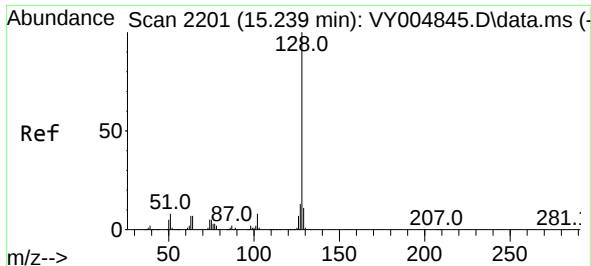
Tgt Ion:	180	Resp:	149814
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.1	114.1
184	30.7	24.6	36.8
145	30.5	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 21.88 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:	180	Resp:	125221
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	31.3	25.0	37.6

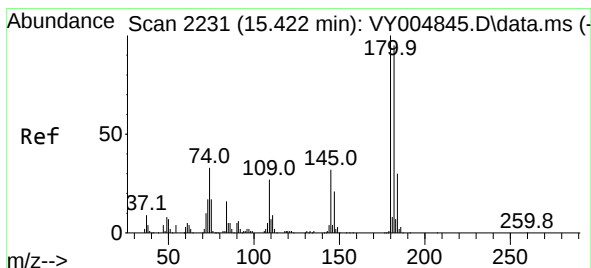
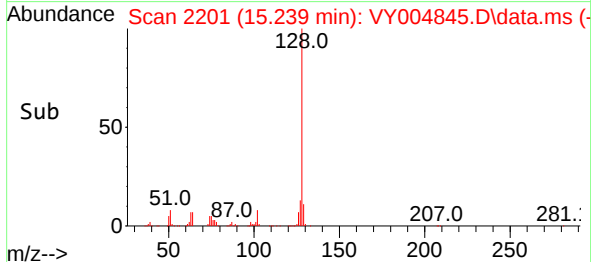
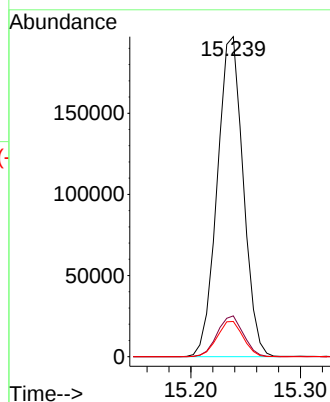
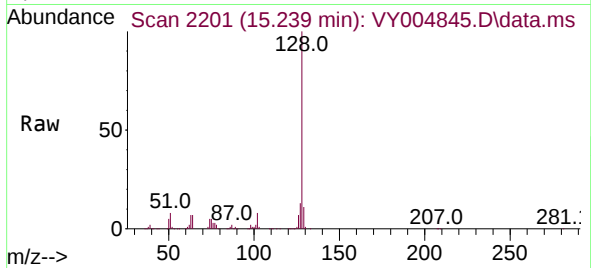




#71
Naphthalene
Concen: 26.38 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:128 Resp: 324766
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 22.94 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY004845.D
Acq: 19 May 2021 11:35

Tgt Ion:180 Resp: 114460
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 32.3 25.8 38.8

