

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051921\
 Data File : VY004844.D
 Acq On : 19 May 2021 11:12
 Operator : SY/MD
 Sample : VSTD00534
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 20 01:30:21 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	319505	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.495	117	293548	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	137580	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	23890	3.80	ug/L	0.00
7) Chloroethane-d5	2.765	69	18635	3.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.862	63	43792	4.34	ug/L	0.00
21) 2-Butanone-d5	6.905	46	20367	10.00	ug/L	0.00
24) Chloroform-d	7.490	84	41239	4.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.148	65	25543	4.57	ug/L	0.00
32) Benzene-d6	8.118	84	85626	4.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	28199	5.10	ug/L	0.00
41) Toluene-d8	10.184	98	76119	4.53	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	13157	4.68	ug/L	0.00
47) 2-Hexanone-d5	10.794	63	13785	9.43	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	24146	4.78	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	23999	4.57	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.905	85	21294	3.63	ug/L	98
3) Chloromethane	2.119	50	26853	4.02	ug/L	96
5) Vinyl chloride	2.259	62	27954	4.27	ug/L	98
6) Bromomethane	2.655	94	11151	3.05	ug/L	100
8) Chloroethane	2.802	64	16641	4.07	ug/L	98
9) Trichlorofluoromethane	3.131	101	36668	4.55	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	21165	4.58	ug/L	97
12) 1,1-Dichloroethene	3.875	96	19572	4.41	ug/L	89
13) Acetone	3.960	43	13203	8.86	ug/L	97
14) Carbon disulfide	4.198	76	66093	4.37	ug/L	99
15) Methyl Acetate	4.490	43	18326	5.11	ug/L	99
16) Methylene chloride	4.728	84	32658	5.89	ug/L	97
17) trans-1,2-Dichloroethene	5.228	96	21611	4.61	ug/L	95
18) Methyl tert-butyl Ether	5.240	73	61410	4.64	ug/L	100
19) 1,1-Dichloroethane	6.021	63	40958	4.67	ug/L	99
20) cis-1,2-Dichloroethene	6.996	96	22864	4.64	ug/L	97
22) 2-Butanone	7.002	43	21394	9.27	ug/L	100
23) Bromochloromethane	7.343	128	11423	4.86	ug/L	92
25) Chloroform	7.514	83	40849	4.62	ug/L	100
27) 1,2-Dichloroethane	8.246	62	28999	4.45	ug/L	99
29) Cyclohexane	7.795	56	37177	4.52	ug/L	99
30) 1,1,1-Trichloroethane	7.709	97	34450	4.48	ug/L	97
31) Carbon tetrachloride	7.904	117	25701	3.79	ug/L	98
33) Benzene	8.167	78	90758	4.83	ug/L	100
34) Trichloroethene	8.947	95	23265	4.67	ug/L	95
35) Methylcyclohexane	9.185	83	37618	4.56	ug/L	97
37) 1,2-Dichloropropane	9.221	63	24272	4.80	ug/L	98
38) Bromodichloromethane	9.502	83	29810	4.55	ug/L	94
39) cis-1,3-Dichloropropene	9.928	75	37073	4.72	ug/L	95
40) 4-Methyl-2-pentanone	10.075	43	51194	10.40	ug/L	99
42) Toluene	10.245	91	95338	4.67	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	34225	4.70	ug/L	98

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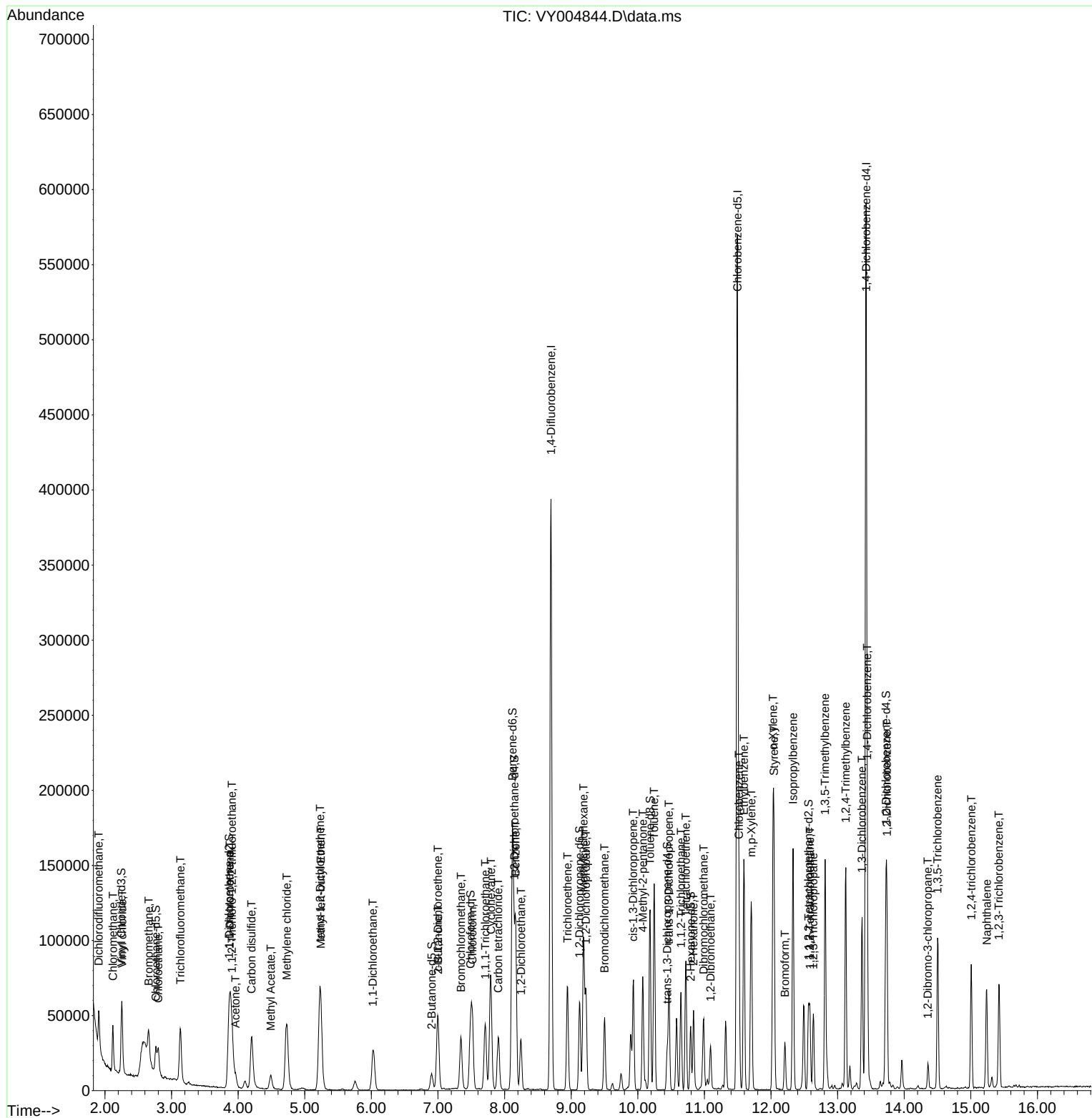
Quant Time: May 20 01:30:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 01:29:16 2021
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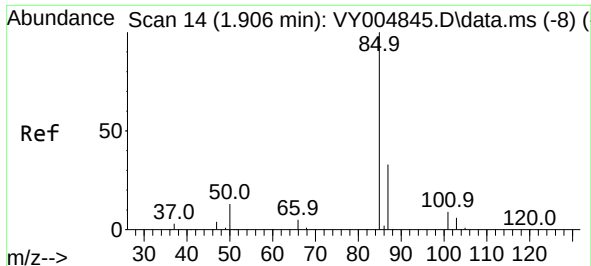
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.648	97	19109	5.03	ug/L	94
46) Tetrachloroethene	10.721	164	17275	4.27	ug/L	97
48) 2-Hexanone	10.837	43	32762	9.35	ug/L	99
49) Dibromochloromethane	10.989	129	20712	4.46	ug/L	90
50) 1,2-Dibromoethane	11.093	107	17937	4.80	ug/L	96
51) Chlorobenzene	11.520	112	60173	4.70	ug/L	99
52) Ethylbenzene	11.593	91	101738	4.49	ug/L	99
53) m,p-Xylene	11.702	106	37304	4.40	ug/L	95
54) o-Xylene	12.032	106	34964	4.32	ug/L	96
55) Styrene	12.044	104	59403	4.22	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.586	83	22628	4.65	ug/L	97
59) Bromoform	12.208	173	13155	4.65	ug/L	99
60) Isopropylbenzene	12.330	105	96006	4.86	ug/L	99
61) 1,2,3-Trichloropropane	12.635	75	18702	5.31	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	74935	4.50	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	74491	4.54	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	41865	4.67	ug/L	97
65) 1,4-Dichlorobenzene	13.446	146	42314	4.71	ug/L	96
67) 1,2-Dichlorobenzene	13.739	146	38673	4.64	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.354	75	4307	5.12	ug/L	90
69) 1,3,5-Trichlorobenzene	14.501	180	27777	4.33	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	22770	4.27	ug/L	98
71) Naphthalene	15.238	128	53012	4.63	ug/L	99
72) 1,2,3-Trichlorobenzene	15.421	180	20790	4.48	ug/L	97

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

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QLast Update : Thu May 20 01:29:16 2021
Response via : Initial Calibration

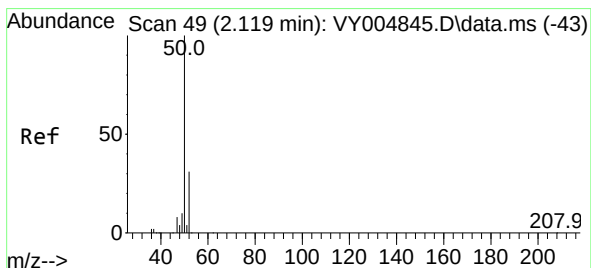
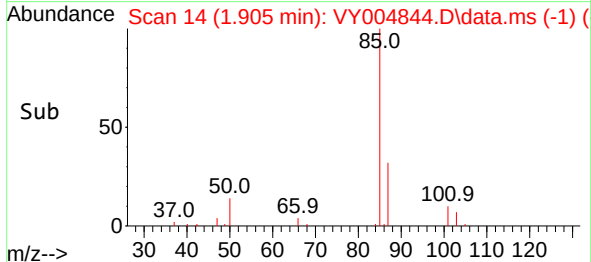
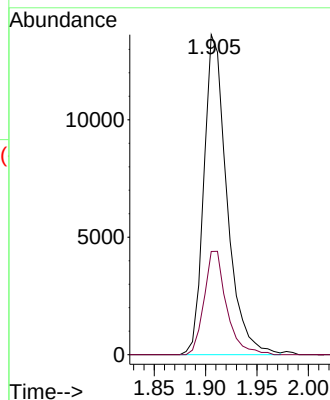
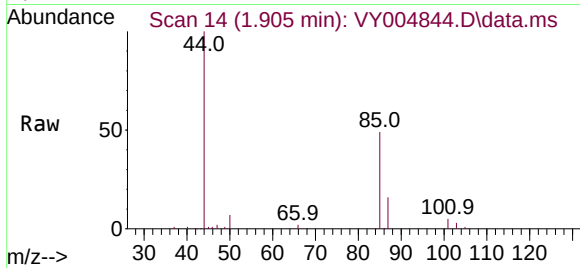




#2
Dichlorodifluoromethane
Concen: 3.63 ug/L
RT: 1.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

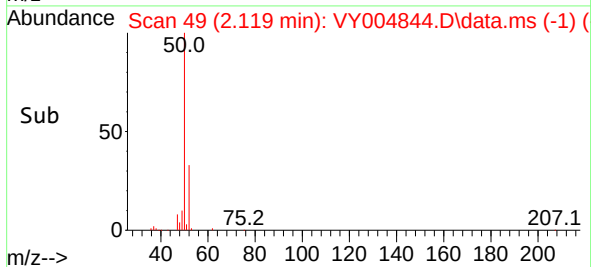
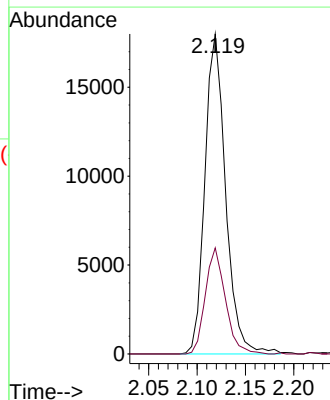
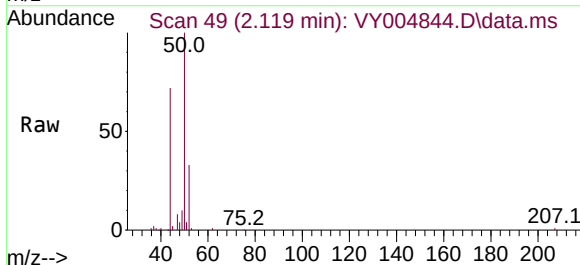
Instrument :
MSVOA_Y
ClientSampled :

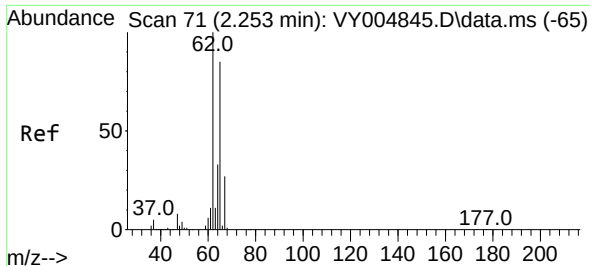
Tgt Ion: 85 Resp: 21294
Ion Ratio Lower Upper
85 100
87 31.5 26.2 39.2



#3
Chloromethane
Concen: 4.02 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion: 50 Resp: 26853
Ion Ratio Lower Upper
50 100
52 33.2 21.8 40.4

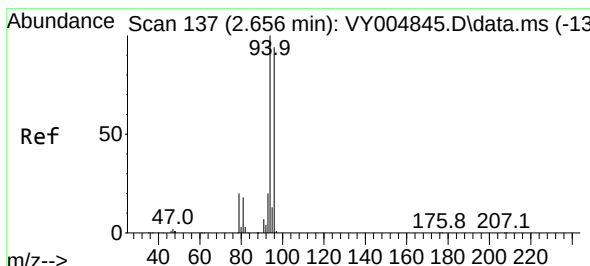
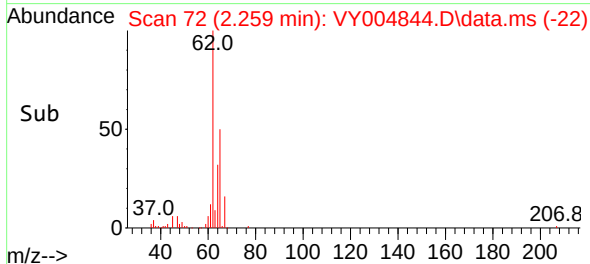
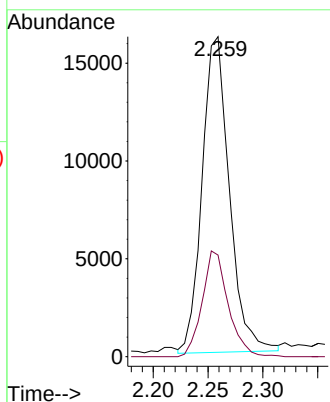
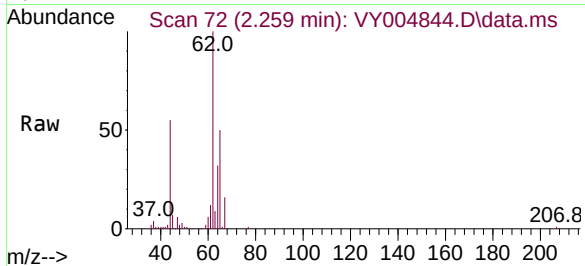




#5
 Vinyl chloride
 Concen: 4.27 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VY004844.D
 Acq: 19 May 2021 11:12

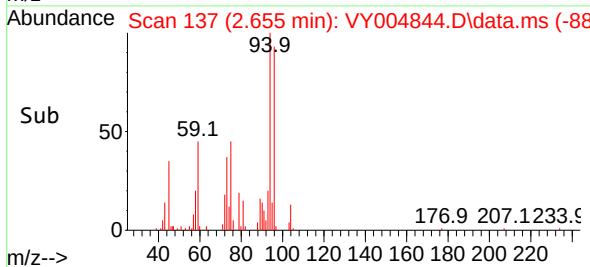
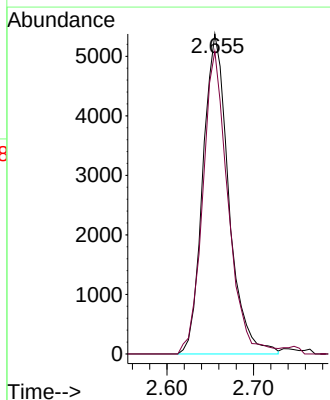
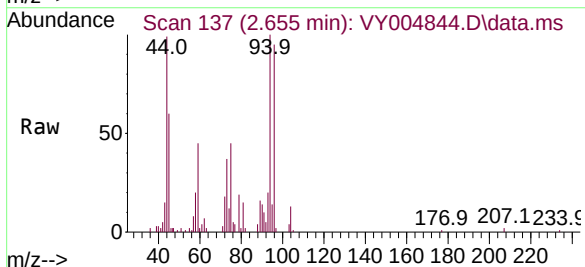
Instrument :
 MSVOA_Y
 ClientSampled :

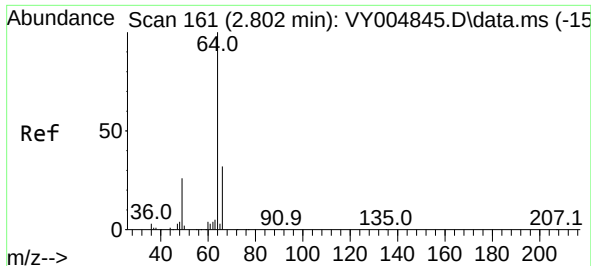
Tgt Ion: 62 Resp: 27954
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.8 42.4



#6
 Bromomethane
 Concen: 3.05 ug/L
 RT: 2.655 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VY004844.D
 Acq: 19 May 2021 11:12

Tgt Ion: 94 Resp: 11151
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.9 122.5

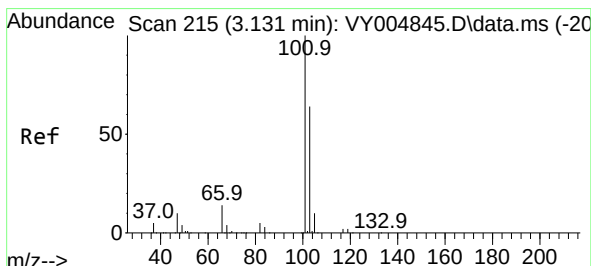
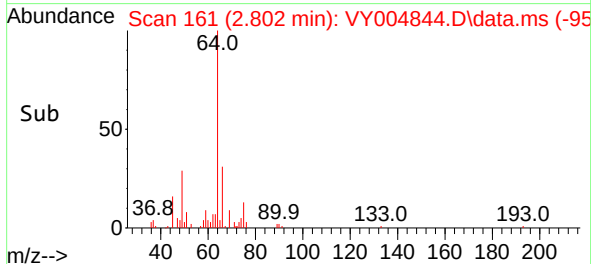
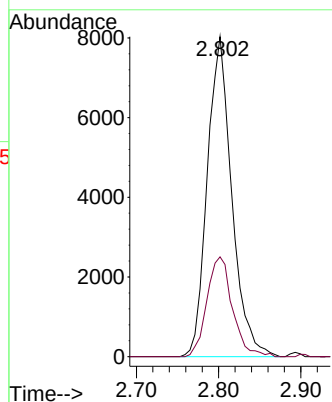
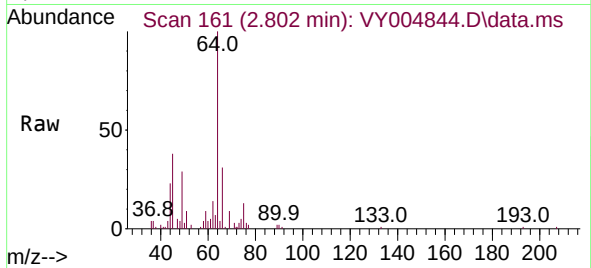




#8
Chloroethane
Concen: 4.07 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

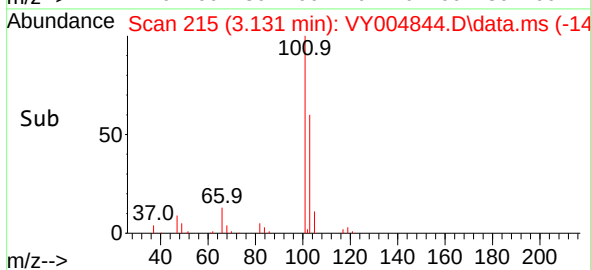
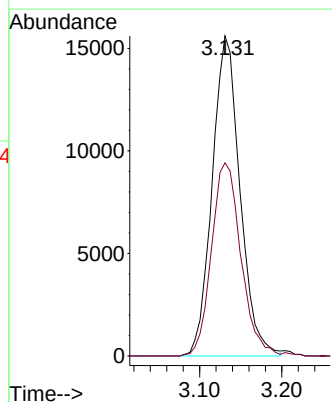
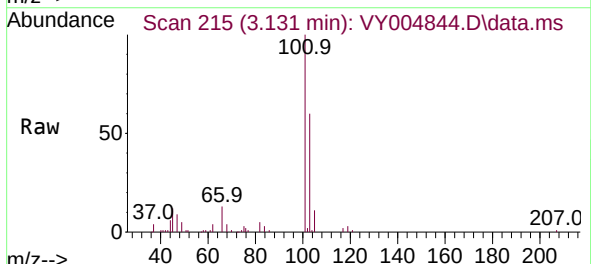
Instrument :
MSVOA_Y
ClientSampled :

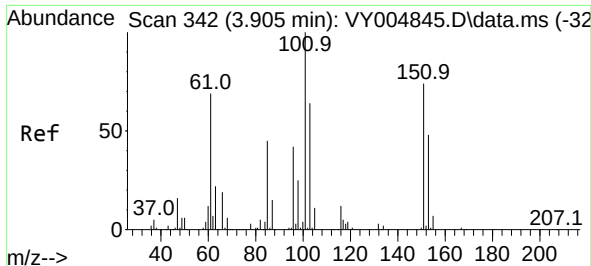
Tgt Ion: 64 Resp: 16641
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 4.55 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:101 Resp: 36668
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.58 ug/L

RT: 3.905 min Scan# 342

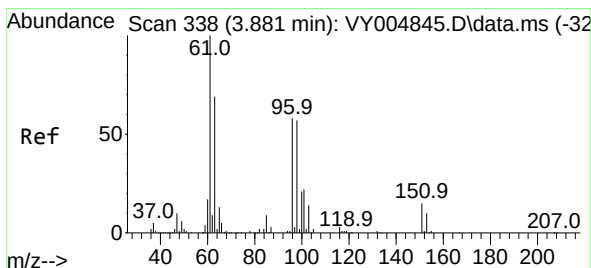
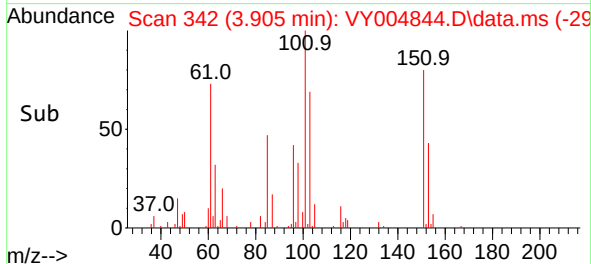
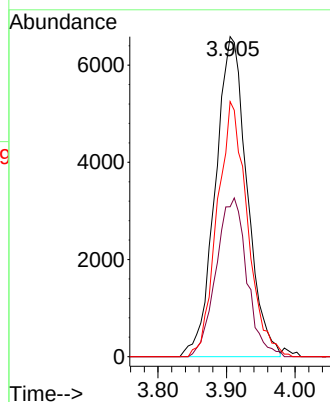
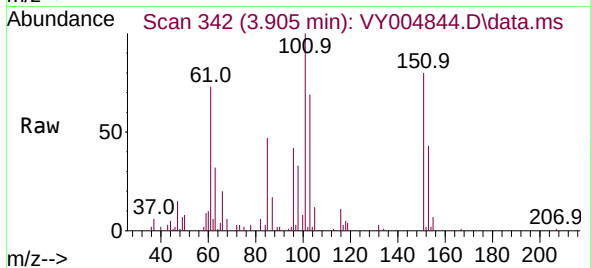
Delta R.T. -0.000 min

Lab File: VY004844.D

Acq: 19 May 2021 11:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	101	Resp:	21165
Ion	Ratio	Lower	Upper
101	100		
85	48.2	36.6	54.8
151	75.8	59.0	88.4



#12

1,1-Dichloroethene

Concen: 4.41 ug/L

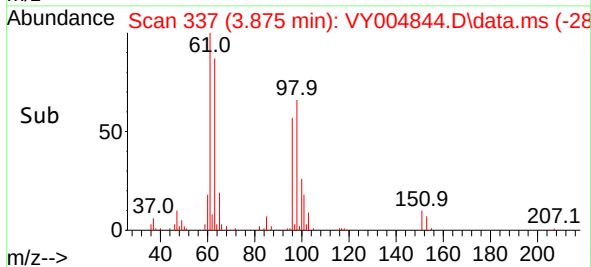
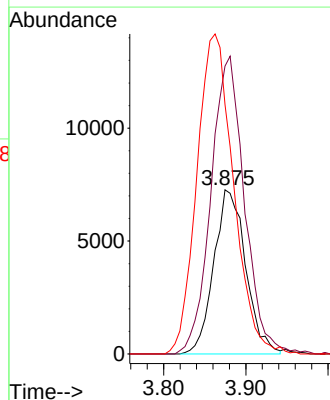
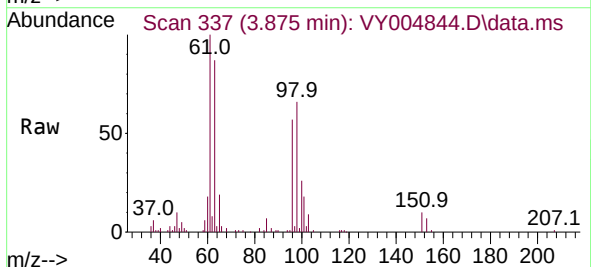
RT: 3.875 min Scan# 337

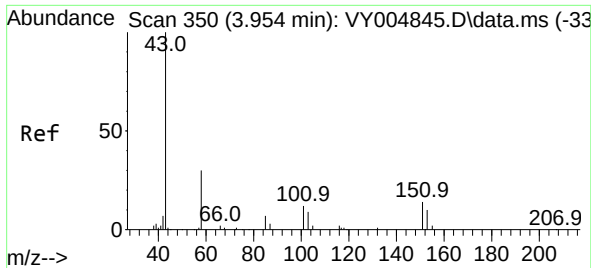
Delta R.T. -0.006 min

Lab File: VY004844.D

Acq: 19 May 2021 11:12

Tgt Ion:	96	Resp:	19572
Ion	Ratio	Lower	Upper
96	100		
61	175.4	121.2	225.2
63	152.0	86.9	161.3

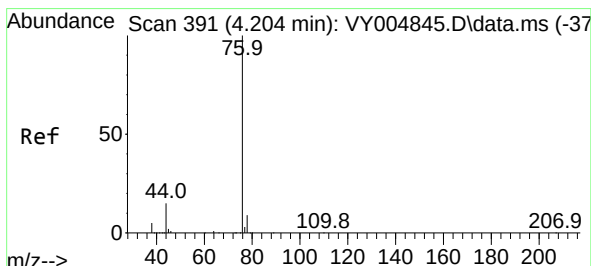
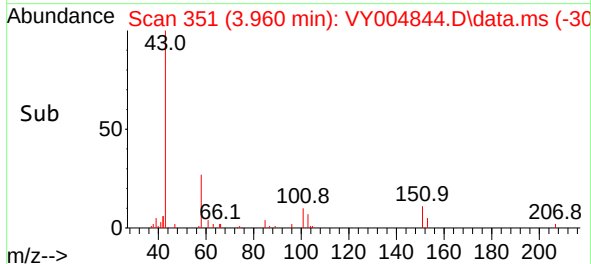
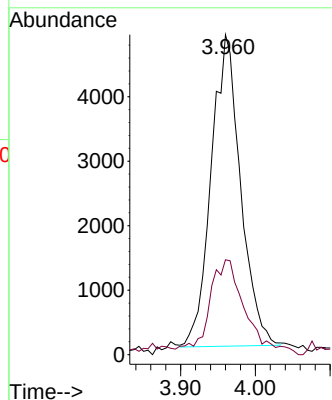
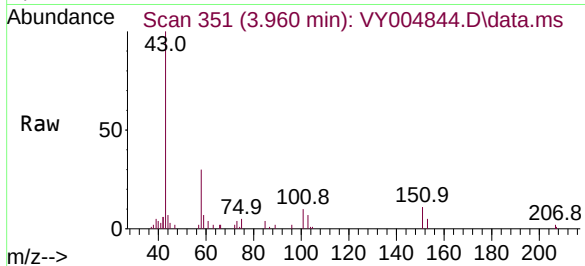




#13
Acetone
Concen: 8.86 ug/L
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

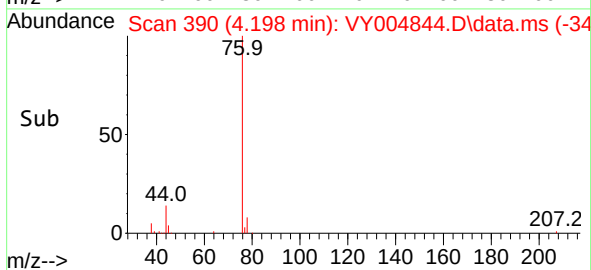
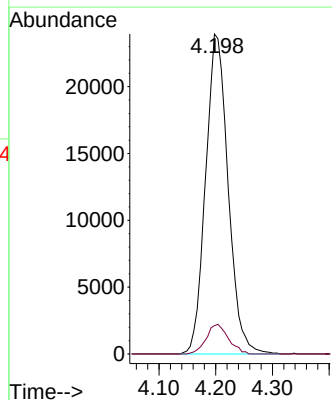
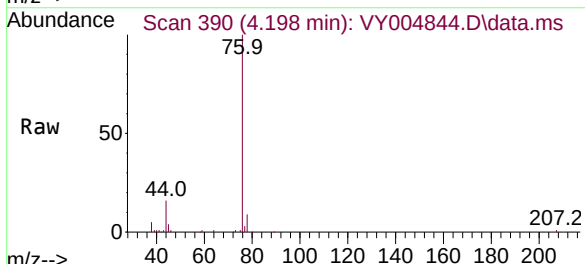
Instrument :
MSVOA_Y
ClientSampled :

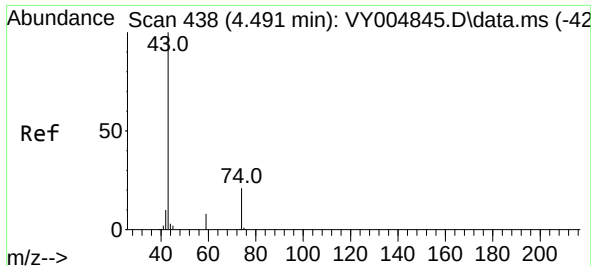
Tgt Ion: 43 Resp: 13203
Ion Ratio Lower Upper
43 100
58 28.7 0.0 61.0



#14
Carbon disulfide
Concen: 4.37 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion: 76 Resp: 66093
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

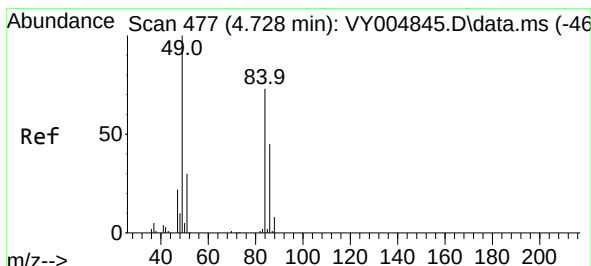
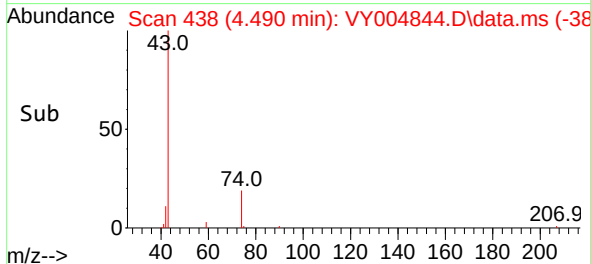
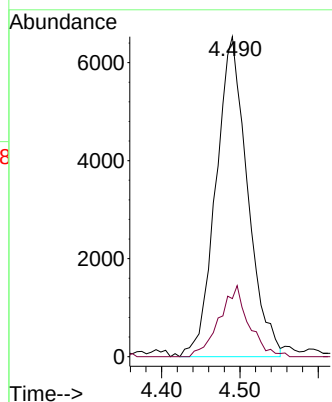
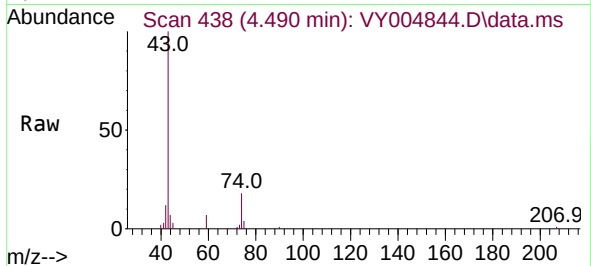




#15
Methyl Acetate
Concen: 5.11 ug/L
RT: 4.490 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

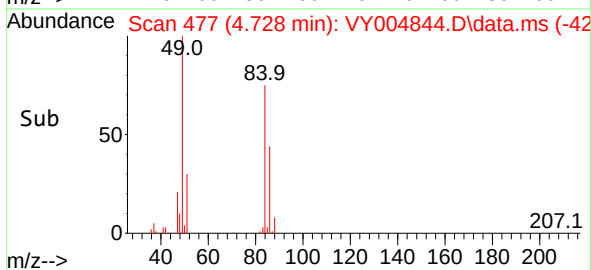
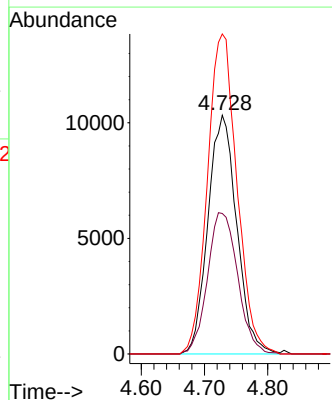
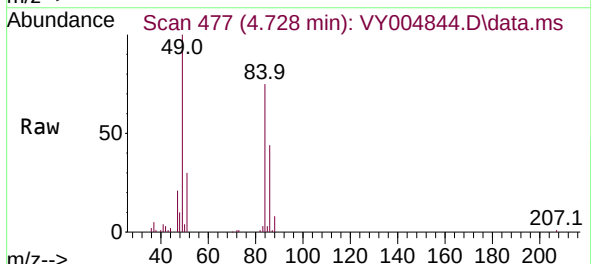
Instrument :
MSVOA_Y
ClientSampled :

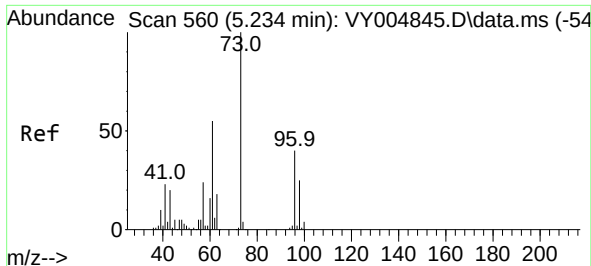
Tgt Ion: 43 Resp: 18326
Ion Ratio Lower Upper
43 100
74 20.4 16.7 25.1



#16
Methylene chloride
Concen: 5.89 ug/L
RT: 4.728 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

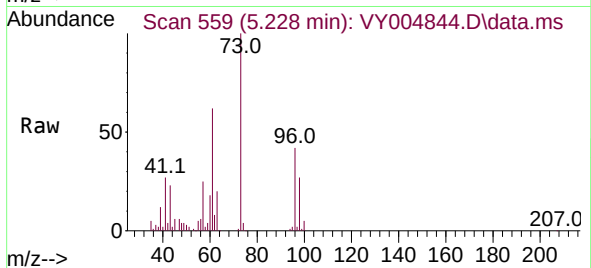
Tgt Ion: 84 Resp: 32658
Ion Ratio Lower Upper
84 100
86 58.8 43.2 80.2
49 134.0 96.0 178.4





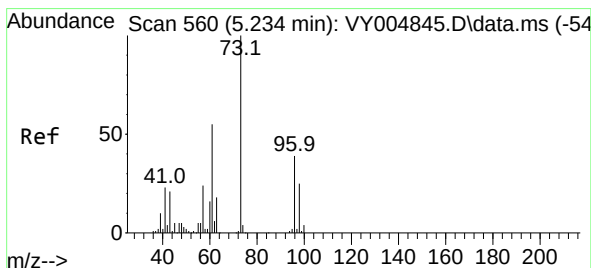
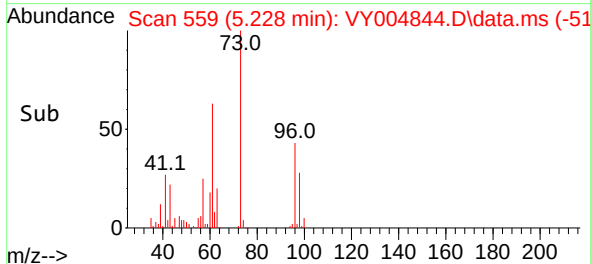
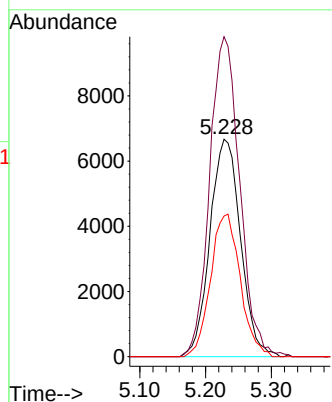
#17
trans-1,2-Dichloroethene
Concen: 4.61 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Instrument :
MSVOA_Y
ClientSampleId :

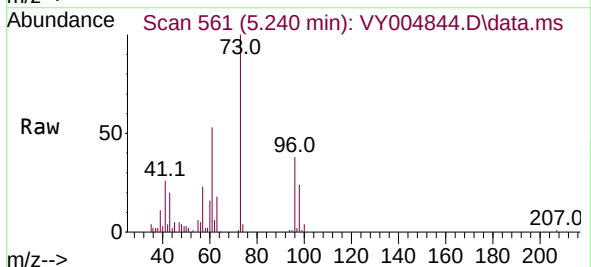


Tgt Ion: 96 Resp: 21611

Ion	Ratio	Lower	Upper
96	100		
61	147.1	97.6	181.2
98	64.7	44.8	83.2

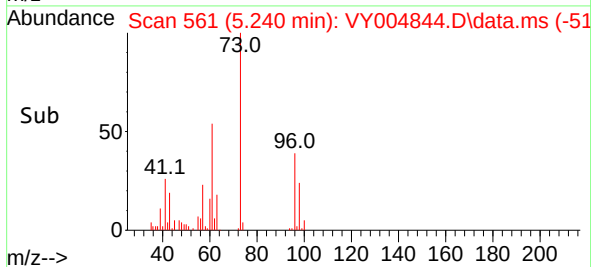
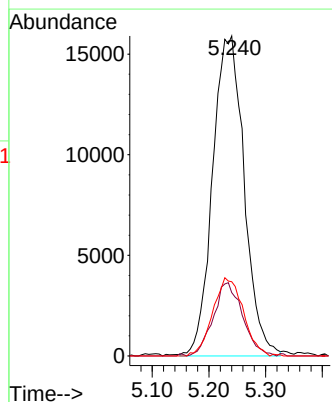


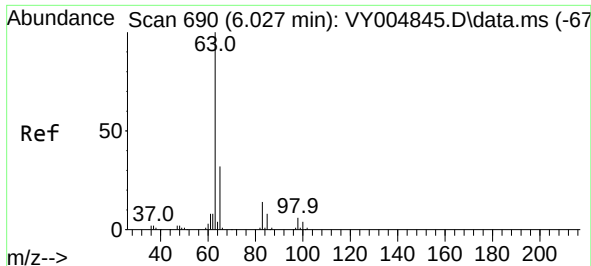
#18
Methyl tert-butyl Ether
Concen: 4.64 ug/L
RT: 5.240 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12



Tgt Ion: 73 Resp: 61410

Ion	Ratio	Lower	Upper
73	100		
43	21.3	16.8	25.2
57	23.5	18.7	28.1





#19

1,1-Dichloroethane

Concen: 4.67 ug/L

RT: 6.021 min Scan# 689

Delta R.T. -0.006 min

Lab File: VY004844.D

Acq: 19 May 2021 11:12

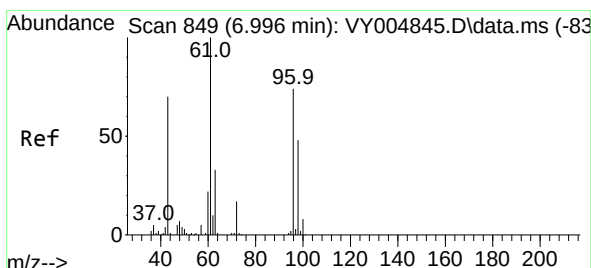
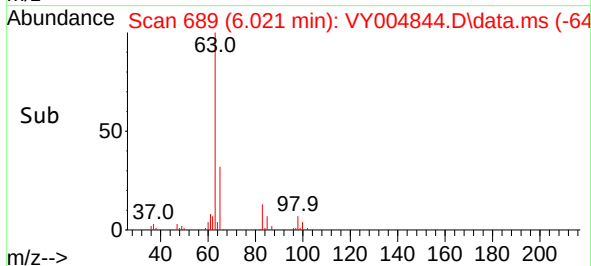
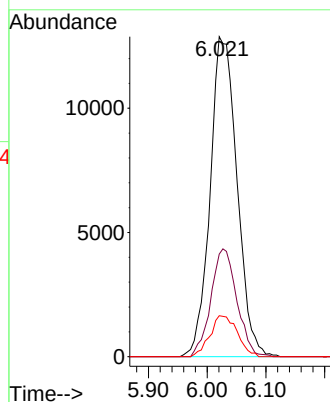
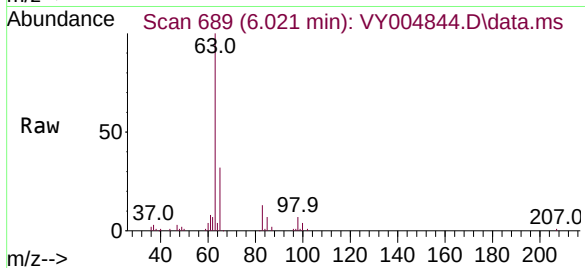
Tgt Ion: 63 Resp: 40958

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

83 12.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 4.64 ug/L

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004844.D

Acq: 19 May 2021 11:12

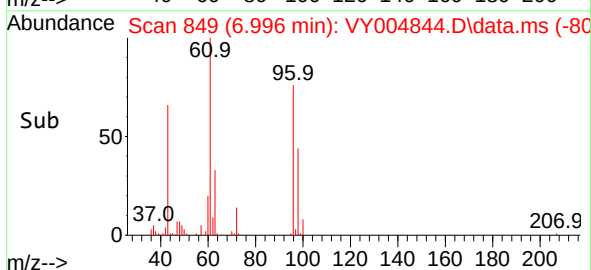
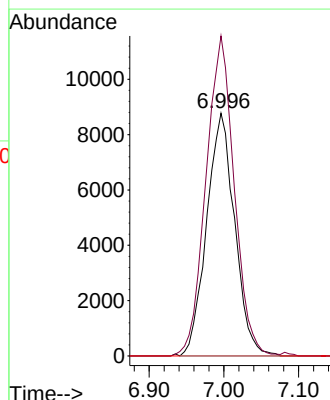
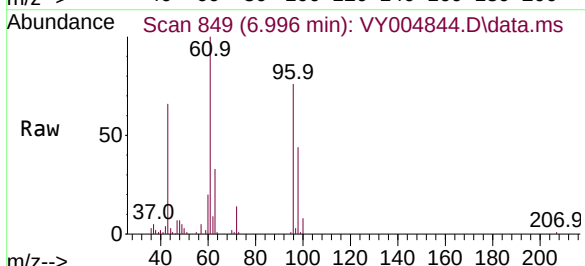
Tgt Ion: 96 Resp: 22864

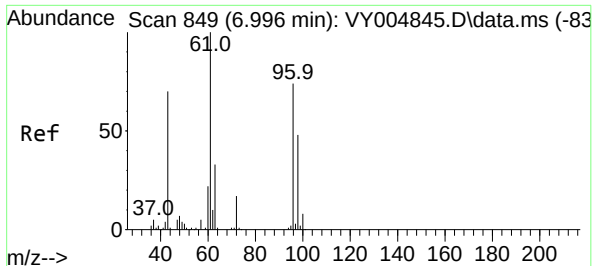
Ion Ratio Lower Upper

96 100

61 131.8 94.8 176.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 9.27 ug/L

RT: 7.002 min Scan# 850

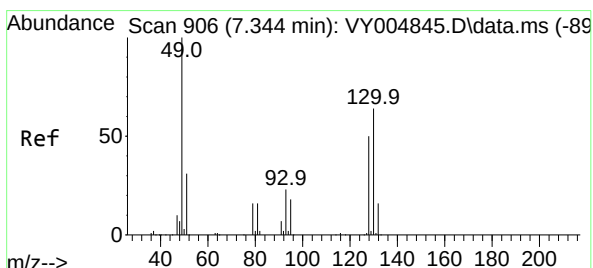
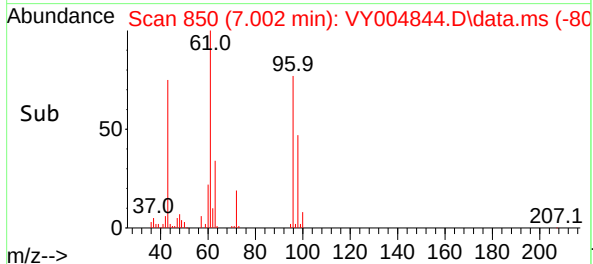
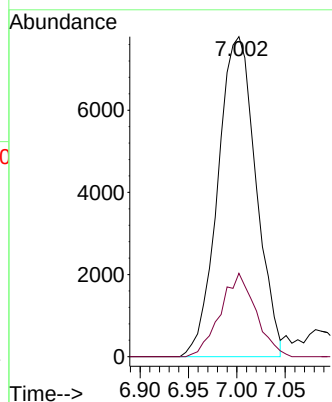
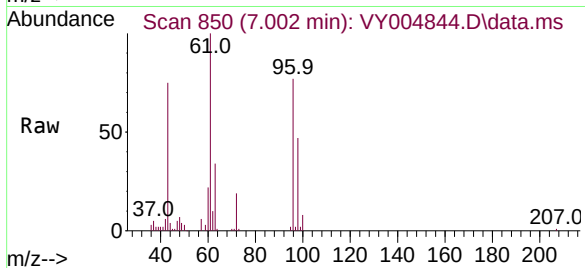
Delta R.T. 0.006 min

Lab File: VY004844.D

Acq: 19 May 2021 11:12

Tgt Ion: 43 Resp: 21394

Ion	Ratio	Lower	Upper
43	100		
72	24.2	12.2	36.6



#23

Bromochloromethane

Concen: 4.86 ug/L

RT: 7.343 min Scan# 906

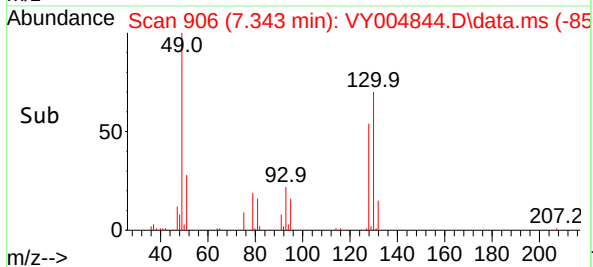
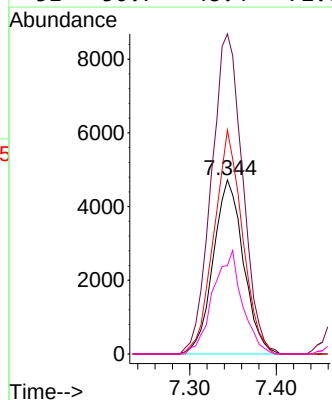
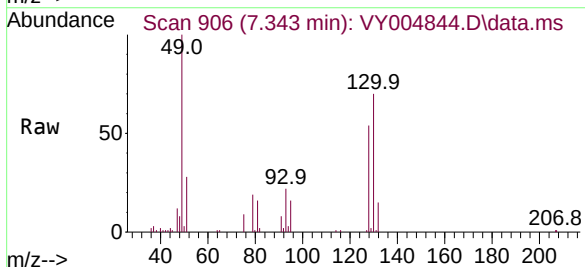
Delta R.T. -0.000 min

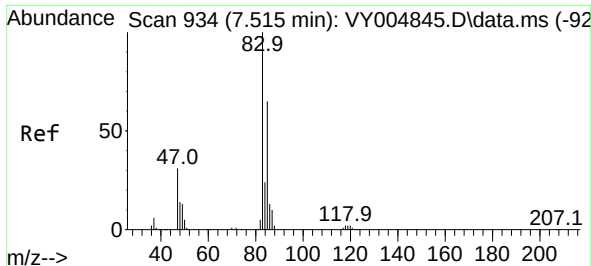
Lab File: VY004844.D

Acq: 19 May 2021 11:12

Tgt Ion: 128 Resp: 11423

Ion	Ratio	Lower	Upper
128	100		
49	183.9	138.9	258.1
130	128.7	88.3	164.1
51	50.7	48.4	72.6

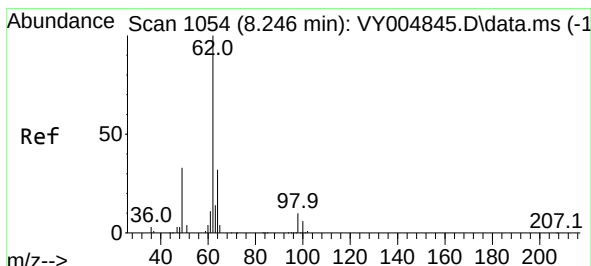
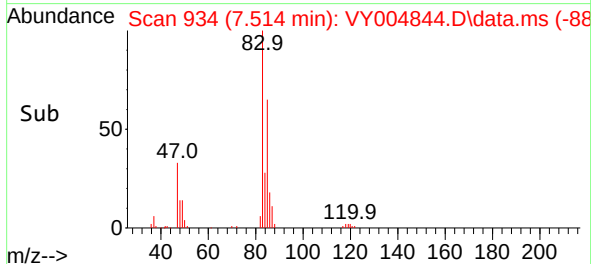
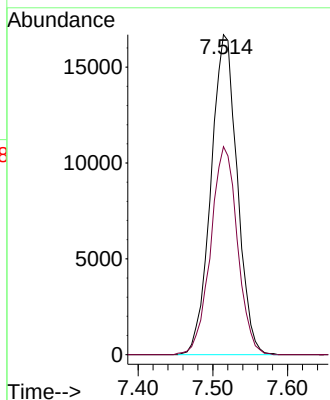
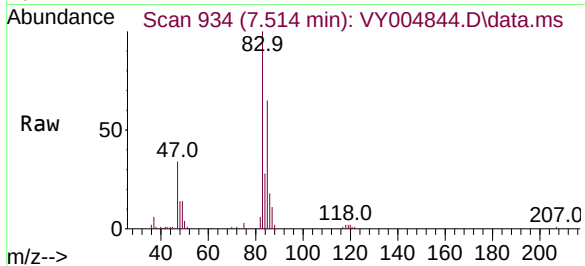




#25
Chloroform
Concen: 4.62 ug/L
RT: 7.514 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

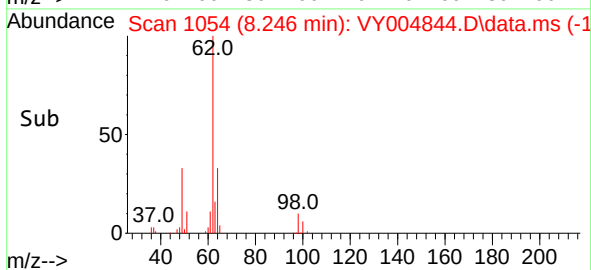
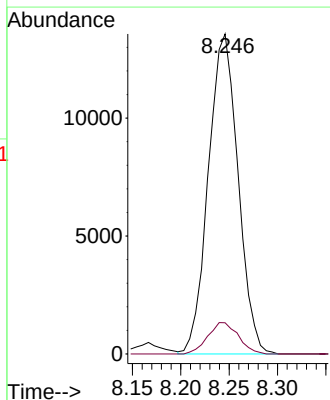
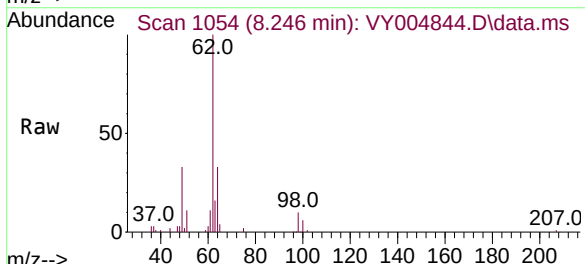
Instrument :
MSVOA_Y
ClientSampled :

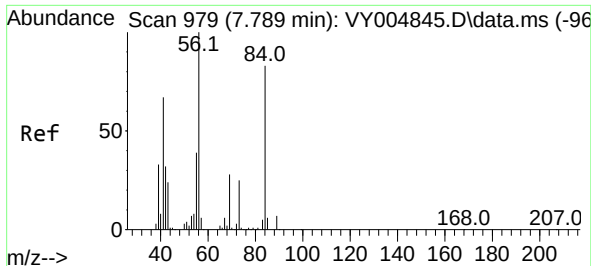
Tgt Ion: 83 Resp: 40849
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.4



#27
1,2-Dichloroethane
Concen: 4.45 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion: 62 Resp: 28999
Ion Ratio Lower Upper
62 100
98 9.7 7.5 11.3





#29

Cyclohexane

Concen: 4.52 ug/L

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004844.D

Acq: 19 May 2021 11:12

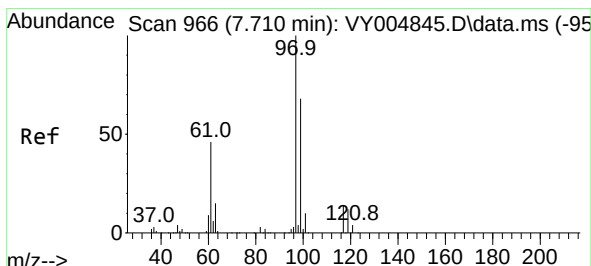
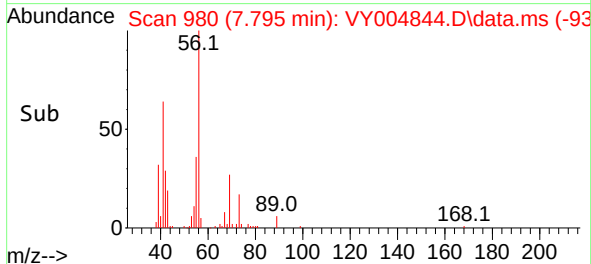
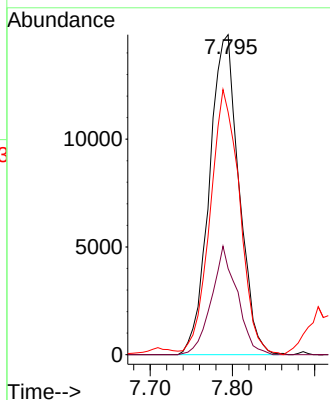
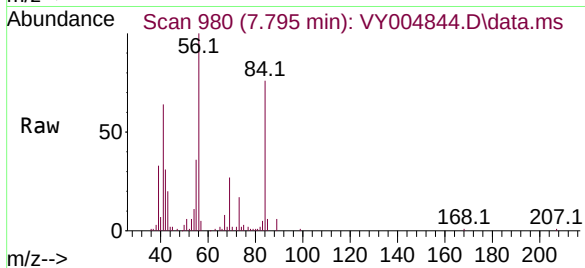
Tgt Ion: 56 Resp: 37177

Ion Ratio Lower Upper

56 100

69 29.5 22.6 33.8

84 83.1 66.1 99.1



#30

1,1,1-Trichloroethane

Concen: 4.48 ug/L

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY004844.D

Acq: 19 May 2021 11:12

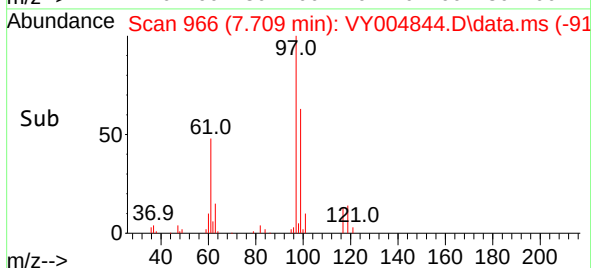
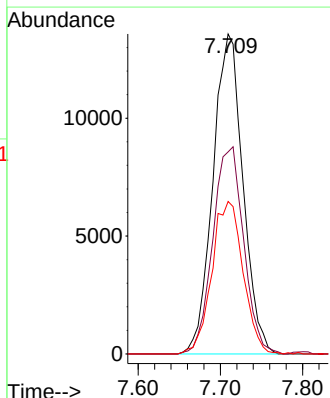
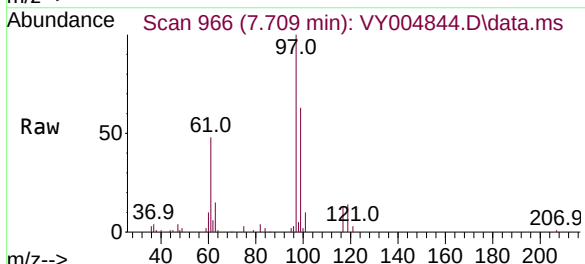
Tgt Ion: 97 Resp: 34450

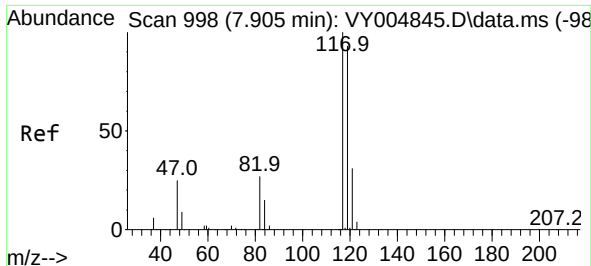
Ion Ratio Lower Upper

97 100

99 66.6 51.8 77.6

61 49.6 37.3 55.9

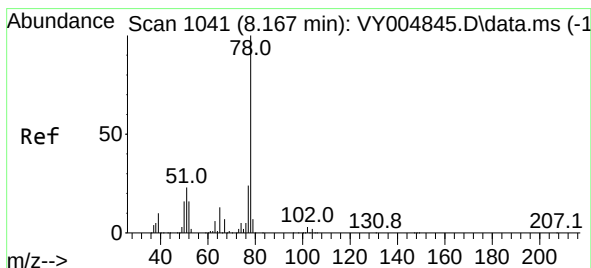
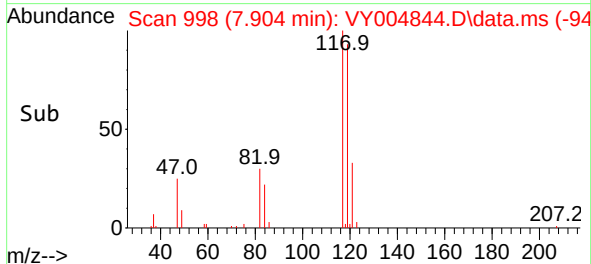
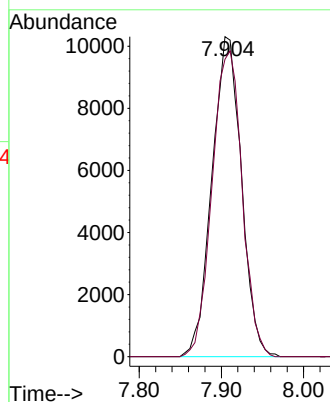
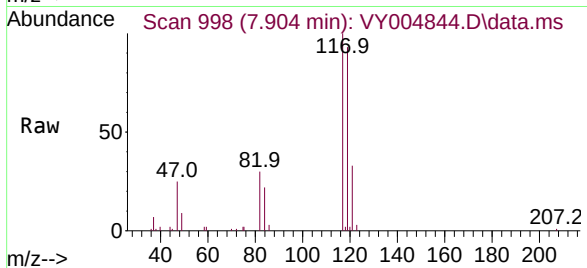




#31
Carbon tetrachloride
Concen: 3.79 ug/L
RT: 7.904 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

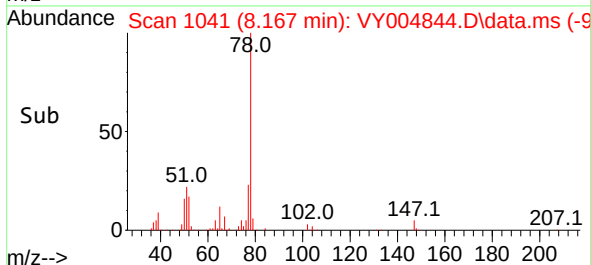
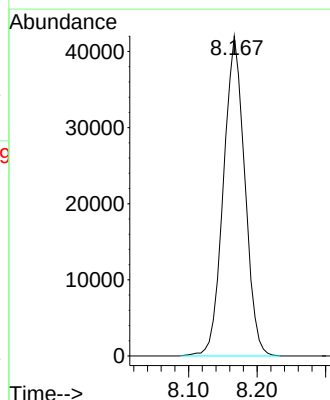
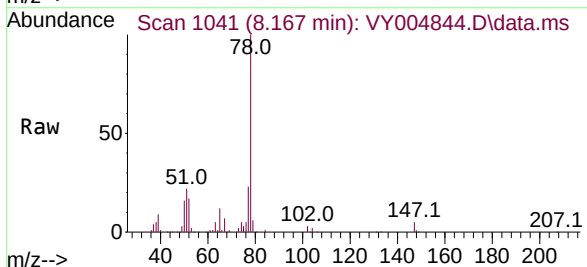
Instrument :
MSVOA_Y
ClientSampled :

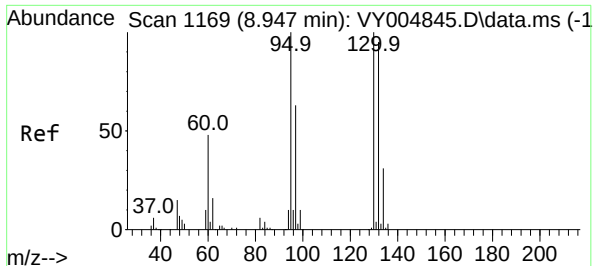
Tgt Ion:117 Resp: 25701
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.2



#33
Benzene
Concen: 4.83 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

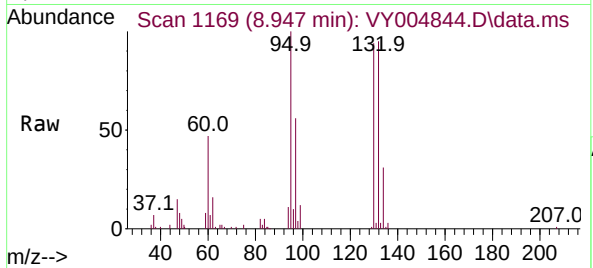
Tgt Ion: 78 Resp: 90758



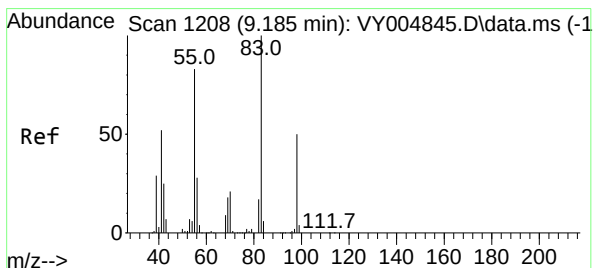
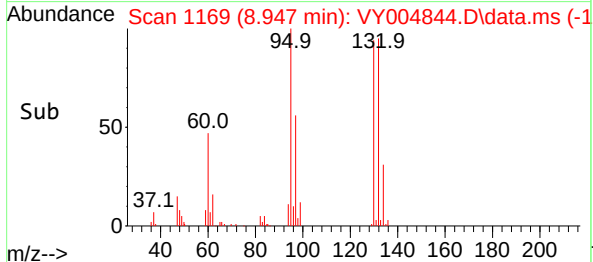
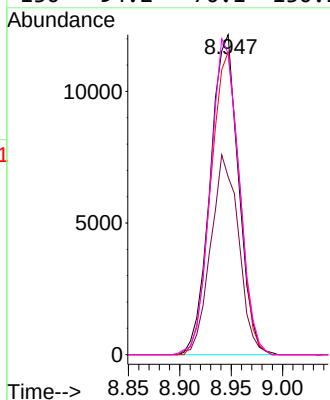


#34
Trichloroethene
Concen: 4.67 ug/L
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Instrument :
MSVOA_Y
ClientSampled :

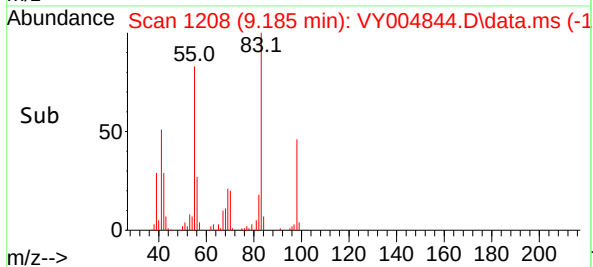
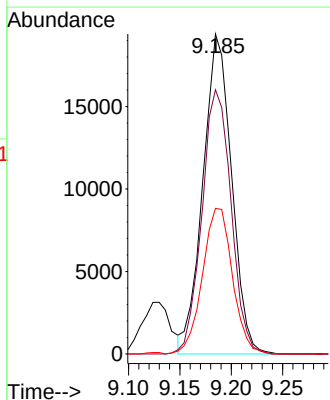
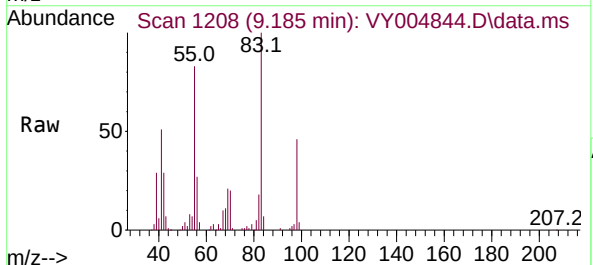


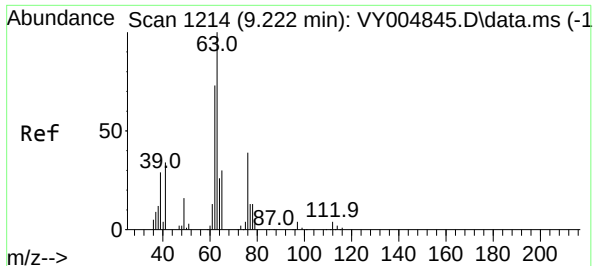
Tgt Ion:	95	Resp:	23265
Ion	Ratio	Lower	Upper
95	100		
97	55.6	44.2	82.2
132	94.5	66.8	124.0
130	94.2	70.1	130.1



#35
Methylcyclohexane
Concen: 4.56 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:	83	Resp:	37618
Ion	Ratio	Lower	Upper
83	100		
55	84.0	63.9	95.9
98	47.6	38.7	58.1



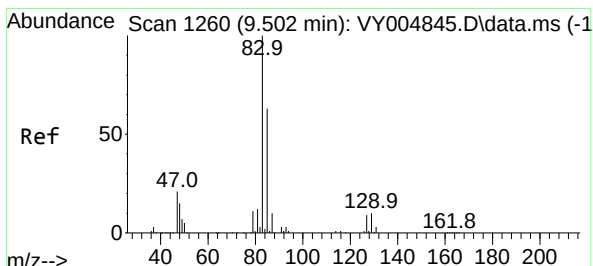
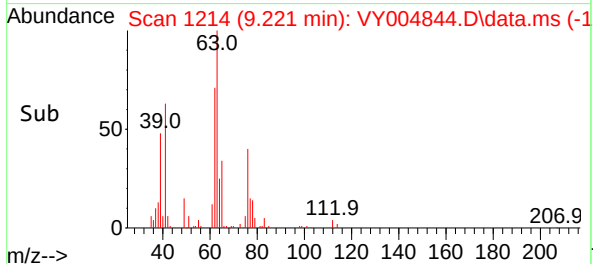
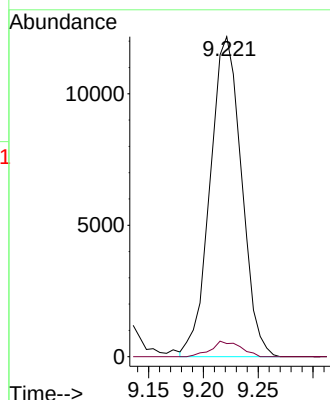
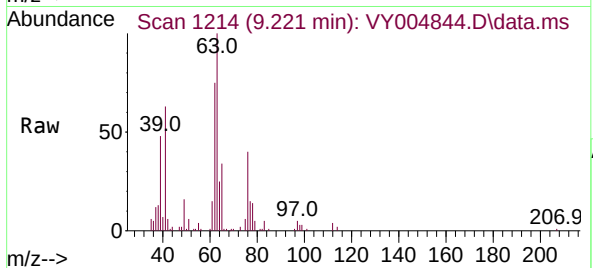


#37

1,2-Dichloropropane
Concen: 4.80 ug/L
RT: 9.221 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Instrument :
MSVOA_Y
ClientSampled :

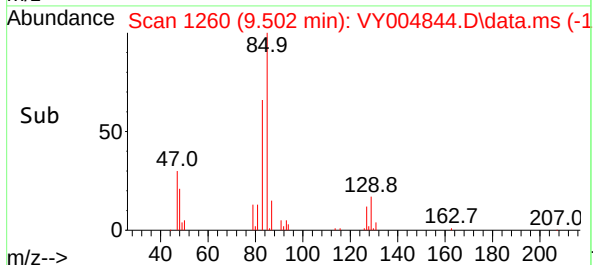
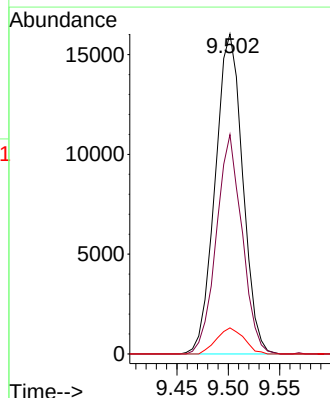
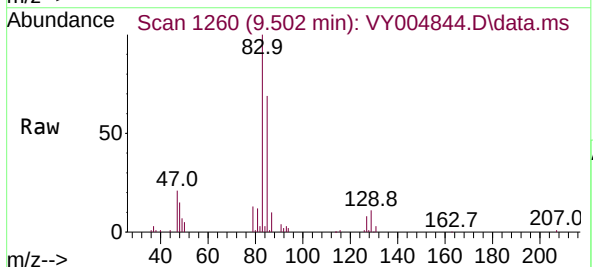
Tgt Ion: 63 Resp: 24272
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7

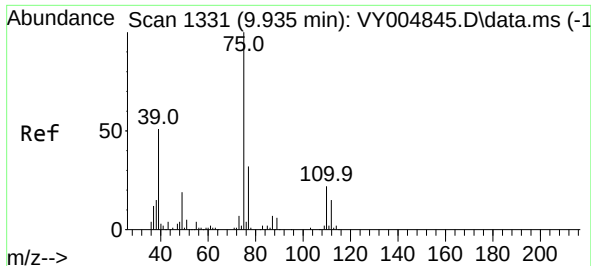


#38

Bromodichloromethane
Concen: 4.55 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion: 83 Resp: 29810
Ion Ratio Lower Upper
83 100
85 68.5 44.1 81.9
127 8.1 6.9 10.3

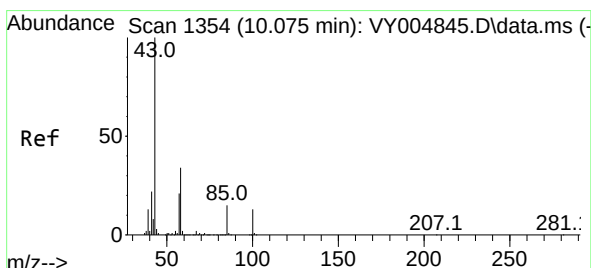
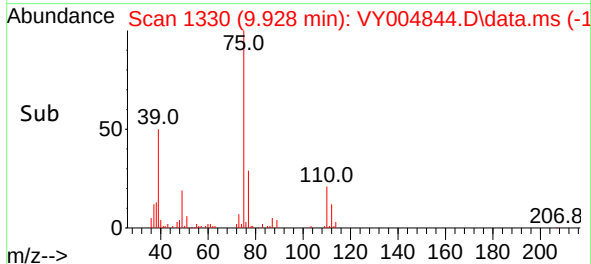
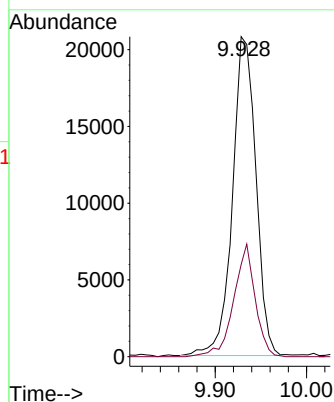
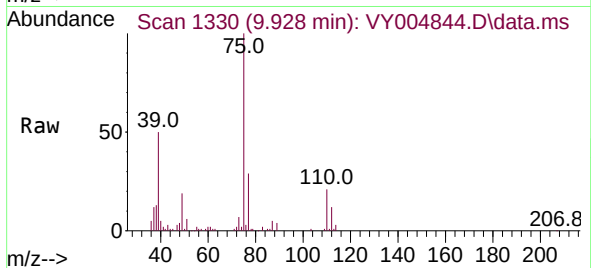




#39
cis-1,3-Dichloropropene
Concen: 4.72 ug/L
RT: 9.928 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

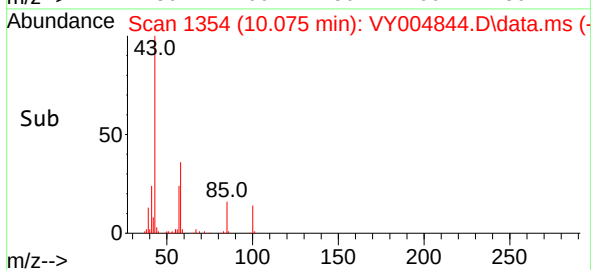
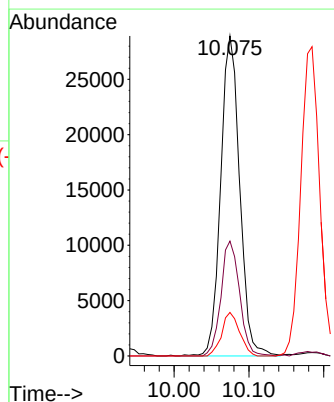
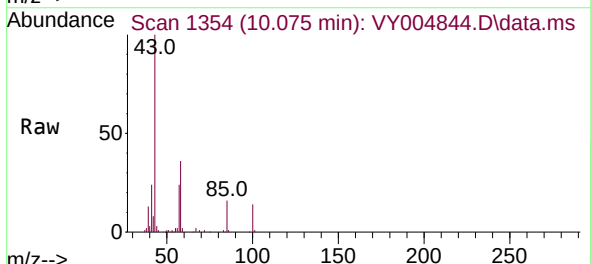
Instrument :
MSVOA_Y
ClientSampled :

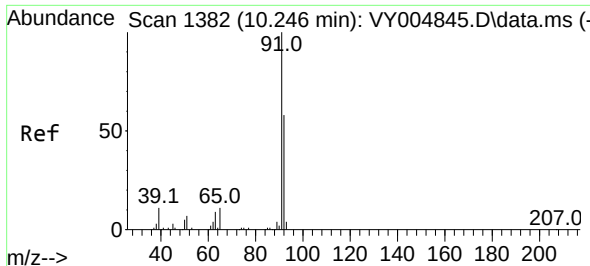
Tgt Ion: 75 Resp: 37073
Ion Ratio Lower Upper
75 100
77 28.8 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 10.40 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion: 43 Resp: 51194
Ion Ratio Lower Upper
43 100
58 35.1 28.5 42.7
100 12.8 10.4 15.6

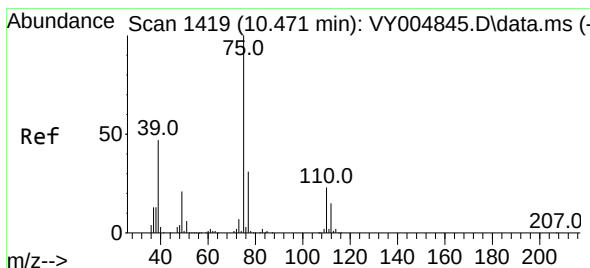
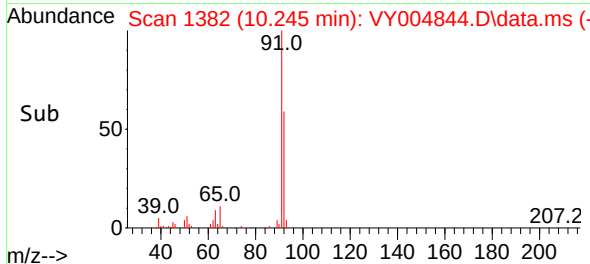
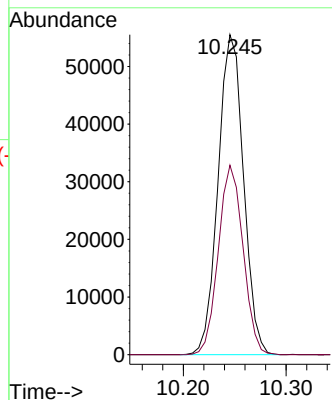
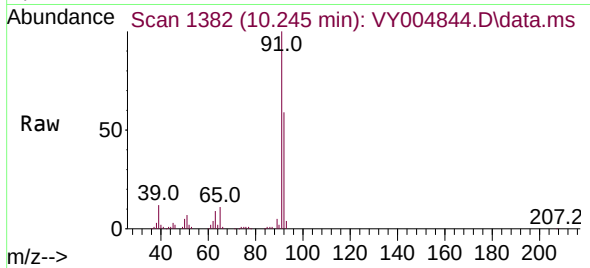




#42
Toluene
Concen: 4.67 ug/L
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

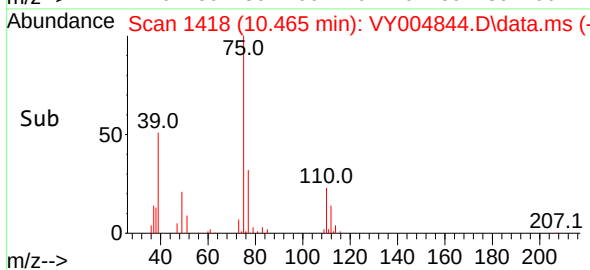
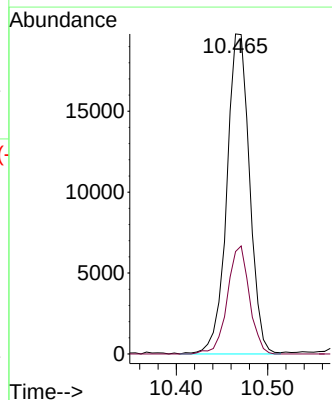
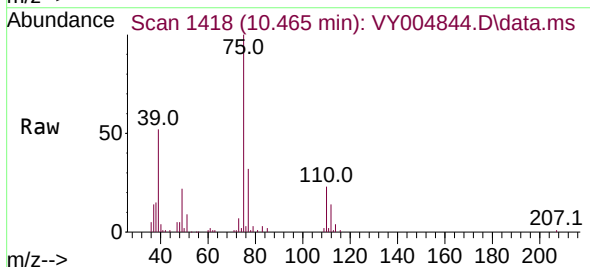
Instrument :
MSVOA_Y
ClientSampled :

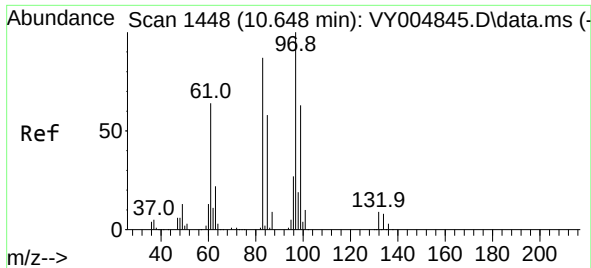
Tgt Ion: 91 Resp: 95338
Ion Ratio Lower Upper
91 100
92 59.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.70 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion: 75 Resp: 34225
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.4

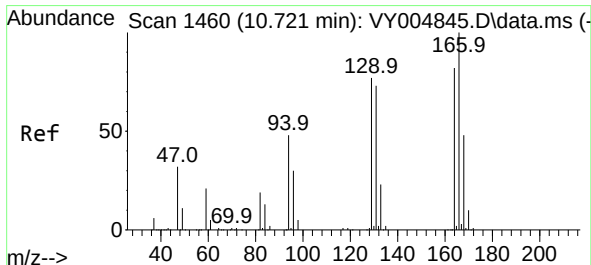
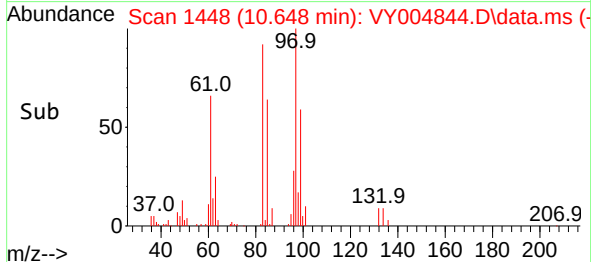
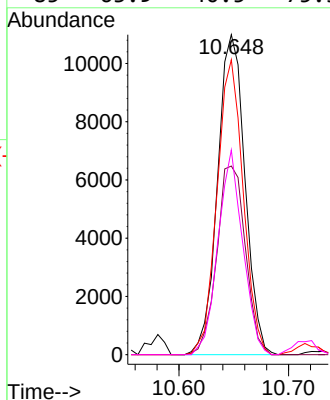
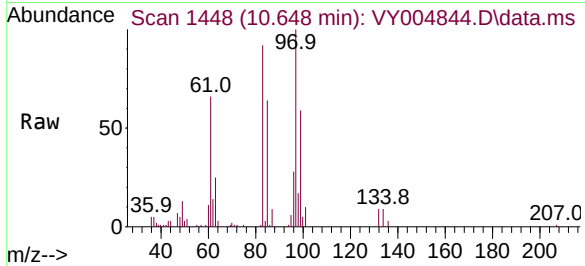




#45
1,1,2-Trichloroethane
Concen: 5.03 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

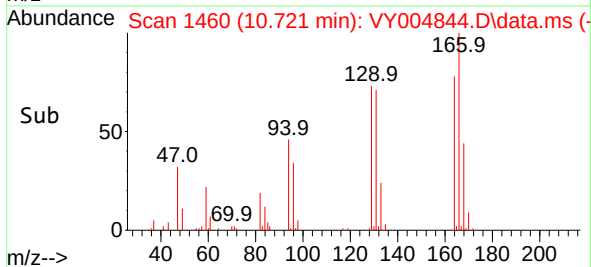
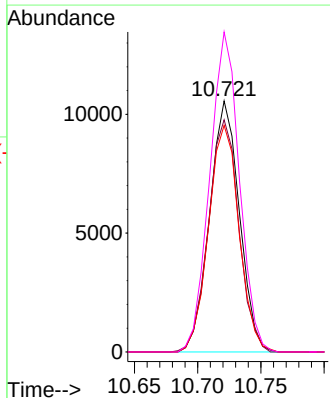
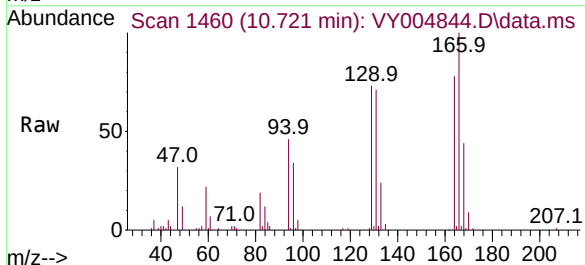
Instrument :
MSVOA_Y
ClientSampled :

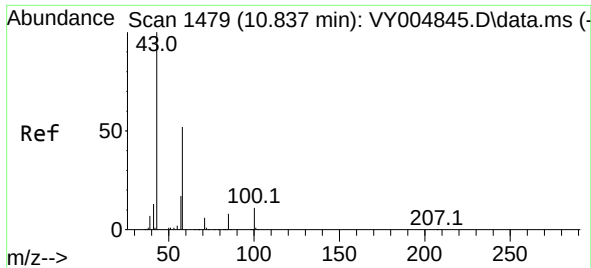
Tgt Ion:	97	Resp:	19109
Ion	Ratio	Lower	Upper
97	100		
99	58.9	44.2	82.0
83	92.2	61.1	113.5
85	63.9	40.5	75.3



#46
Tetrachloroethene
Concen: 4.27 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:	164	Resp:	17275
Ion	Ratio	Lower	Upper
164	100		
129	92.4	65.9	122.3
131	90.2	61.9	115.1
166	127.4	85.3	158.3

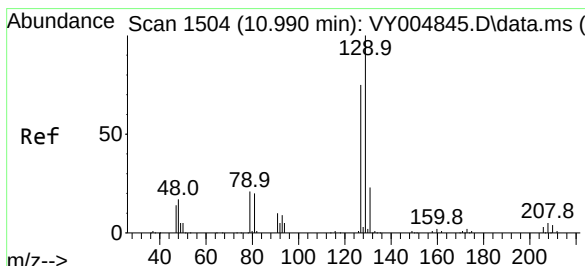
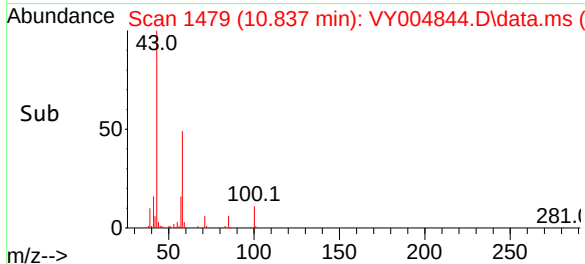
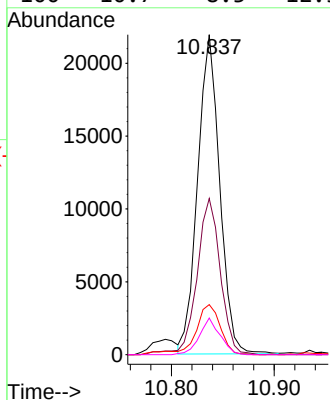
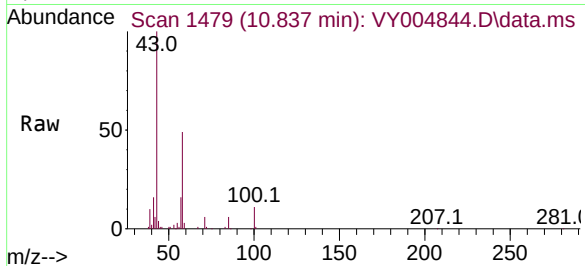




#48
2-Hexanone
Concen: 9.35 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

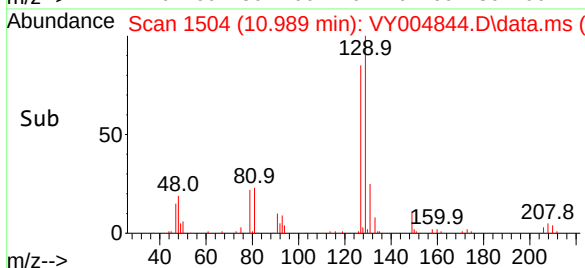
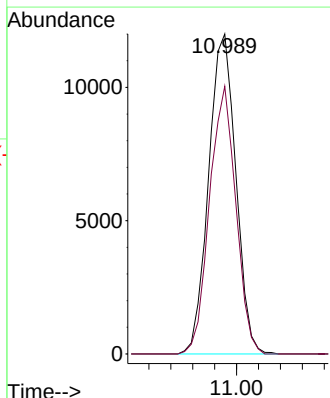
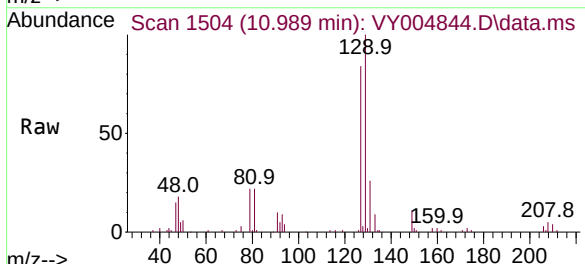
Instrument :
MSVOA_Y
ClientSampled :

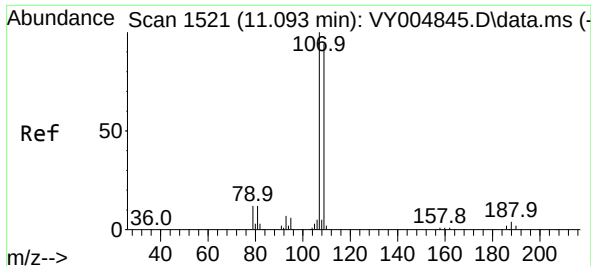
Tgt Ion:	43	Resp:	32762
Ion	Ratio	Lower	Upper
43	100		
58	50.8	41.1	61.7
57	16.8	13.8	20.6
100	10.7	8.3	12.5



#49
Dibromochloromethane
Concen: 4.46 ug/L
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:	129	Resp:	20712
Ion	Ratio	Lower	Upper
129	100		
127	83.7	52.8	98.0

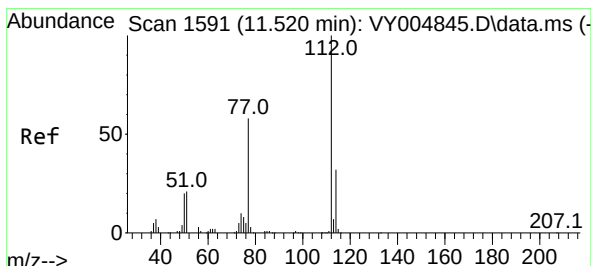
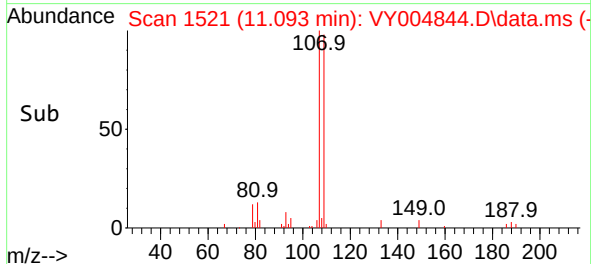
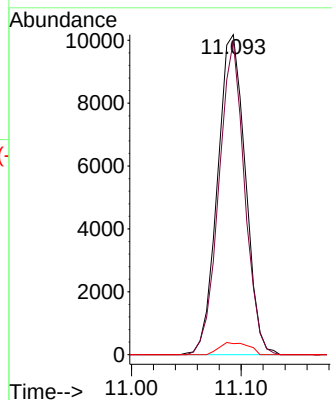
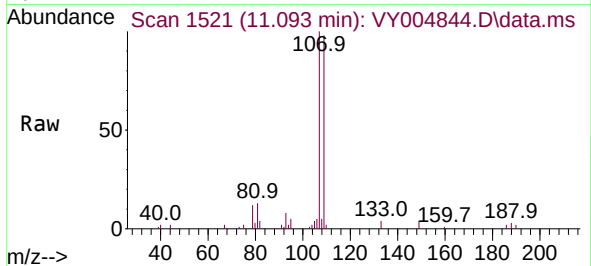




#50
1,2-Dibromoethane
Concen: 4.80 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

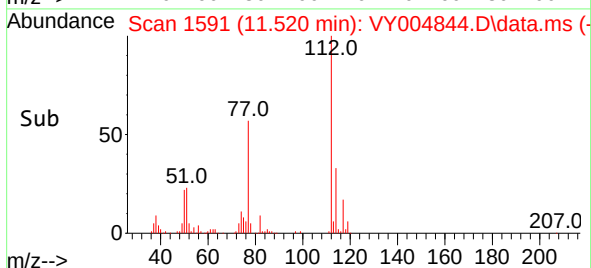
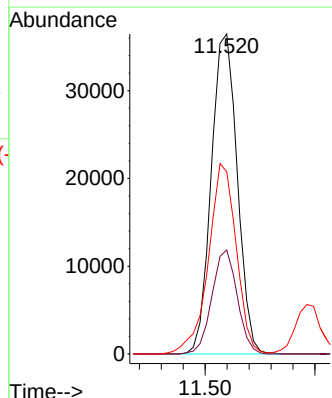
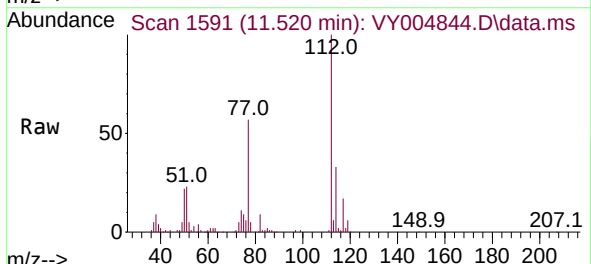
Instrument :
MSVOA_Y
ClientSampleId :

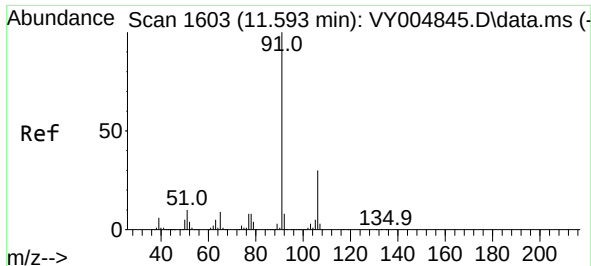
Tgt Ion:	107	Resp:	17937
Ion Ratio	Lower	Upper	
107	100		
109	98.1	65.7	121.9
188	3.5	2.8	4.2



#51
Chlorobenzene
Concen: 4.70 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:	112	Resp:	60173
Ion Ratio	Lower	Upper	
112	100		
114	32.5	22.3	41.5
77	56.9	46.5	69.7

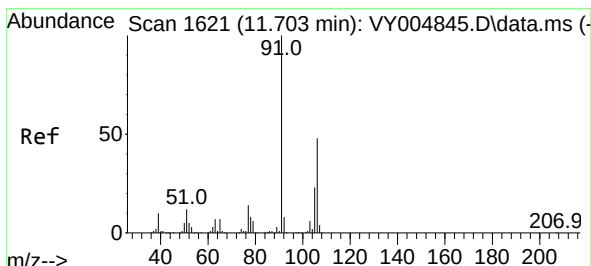
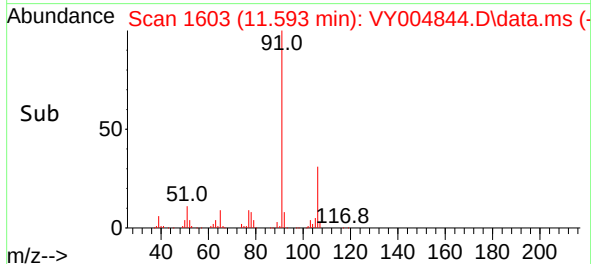
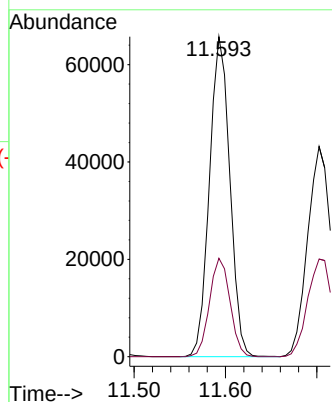
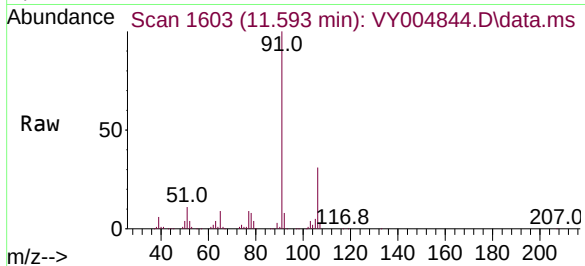




#52
Ethylbenzene
Concen: 4.49 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

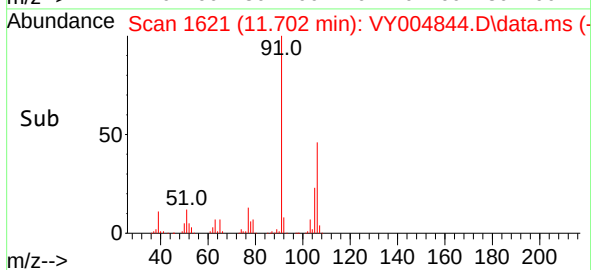
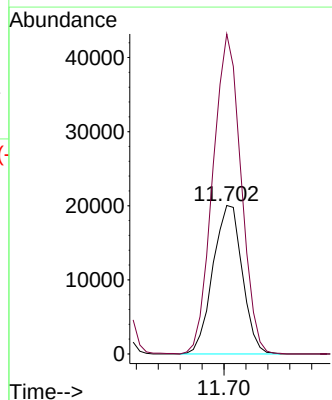
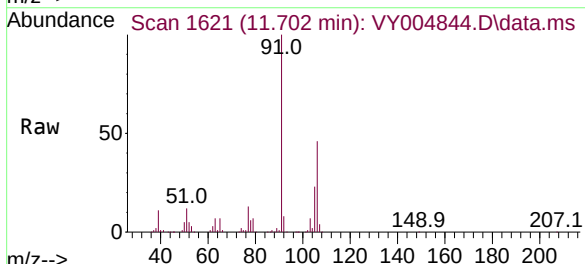
Instrument :
MSVOA_Y
ClientSampled :

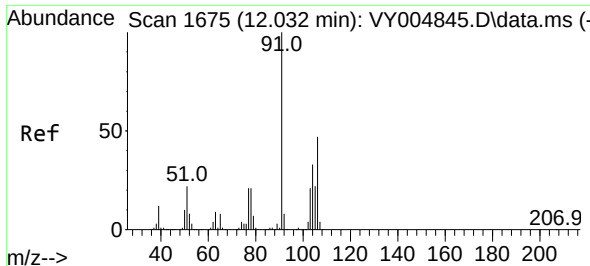
Tgt Ion: 91 Resp: 101738
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 4.40 ug/L
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion: 106 Resp: 37304
Ion Ratio Lower Upper
106 100
91 215.5 145.7 270.5

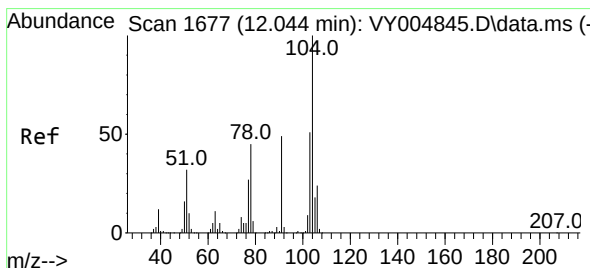
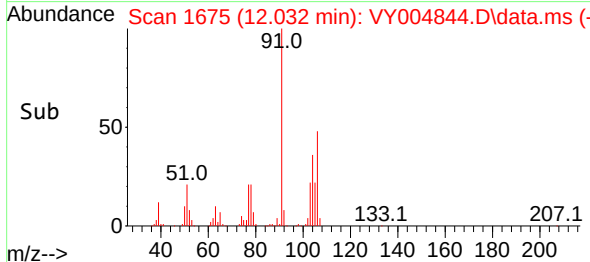
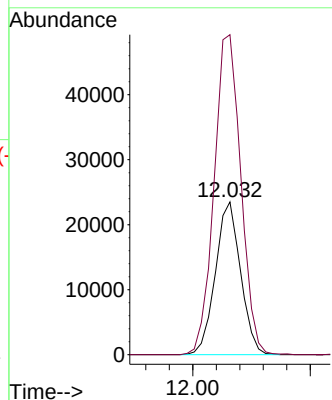
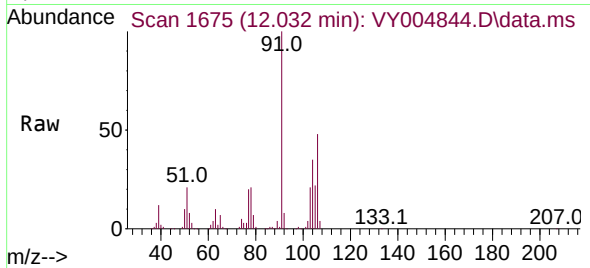




#54
o-Xylene
Concen: 4.32 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

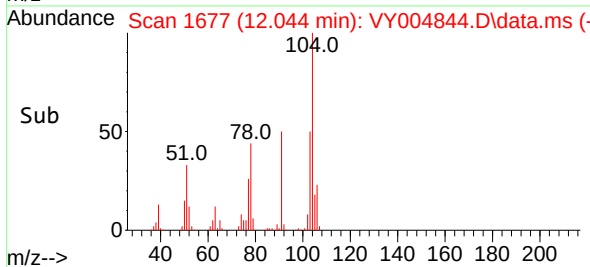
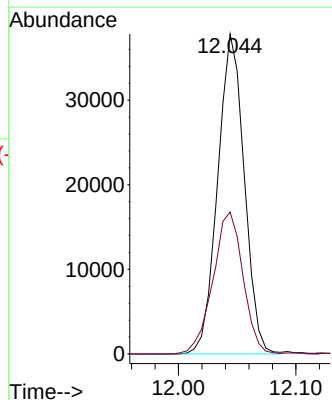
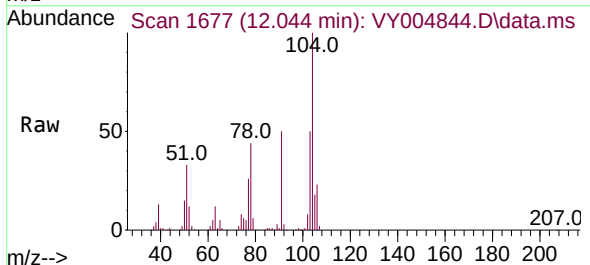
Instrument :
MSVOA_Y
ClientSampled :

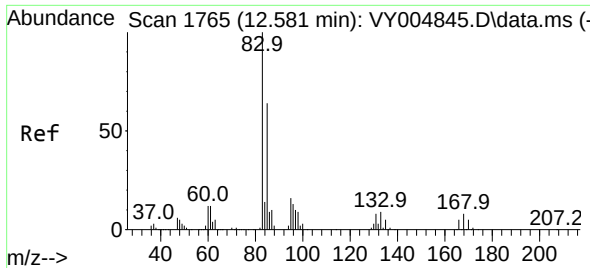
Tgt Ion:106 Resp: 34964
Ion Ratio Lower Upper
106 100
91 209.4 150.6 279.6



#55
Styrene
Concen: 4.22 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:104 Resp: 59403
Ion Ratio Lower Upper
104 100
78 44.4 31.8 59.0

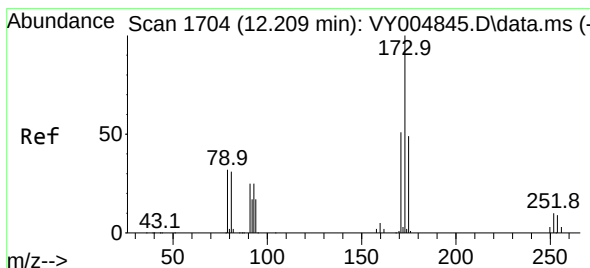
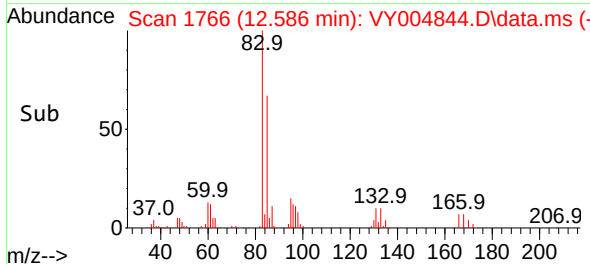
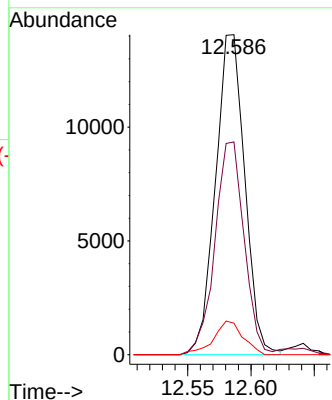
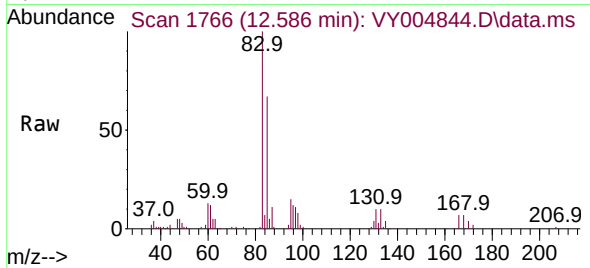




#57
1,1,2,2-Tetrachloroethane
Concen: 4.65 ug/L
RT: 12.586 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

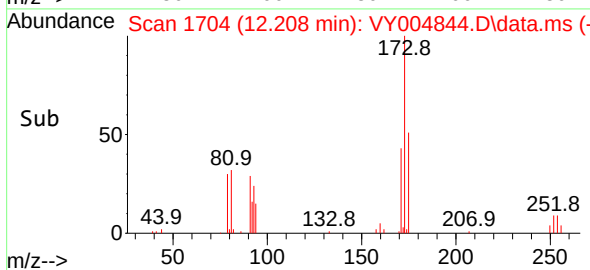
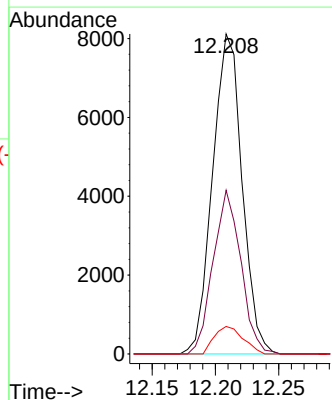
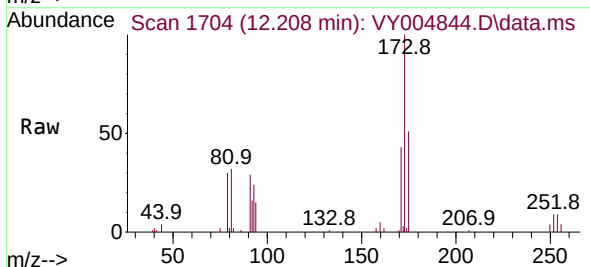
Instrument :
MSVOA_Y
ClientSampled :

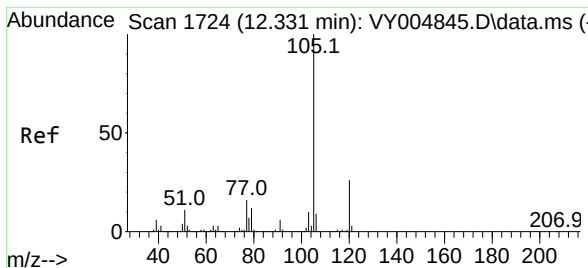
Tgt Ion: 83 Resp: 22628
Ion Ratio Lower Upper
83 100
85 66.5 45.0 83.6
131 9.9 6.9 10.3



#59
Bromoform
Concen: 4.65 ug/L
RT: 12.208 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion: 173 Resp: 13155
Ion Ratio Lower Upper
173 100
175 48.1 38.8 58.2
254 8.4 7.3 10.9

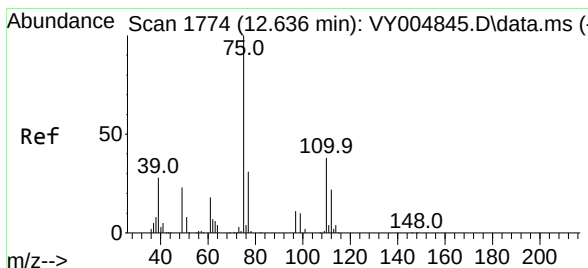
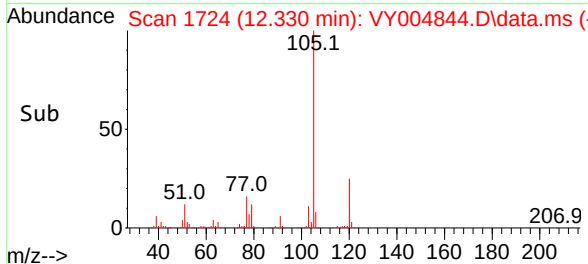
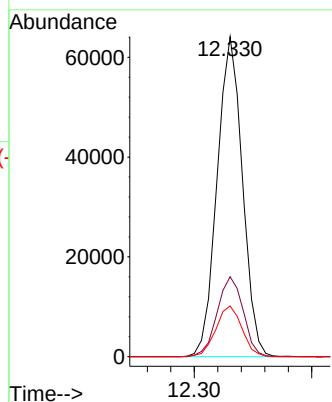
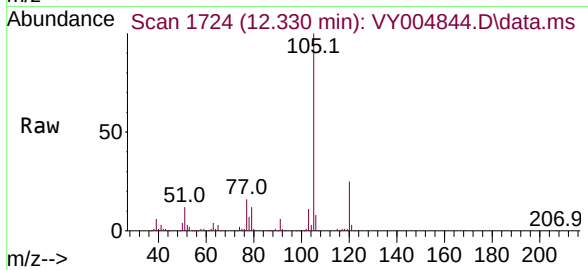




#60
Isopropylbenzene
Concen: 4.86 ug/L
RT: 12.330 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

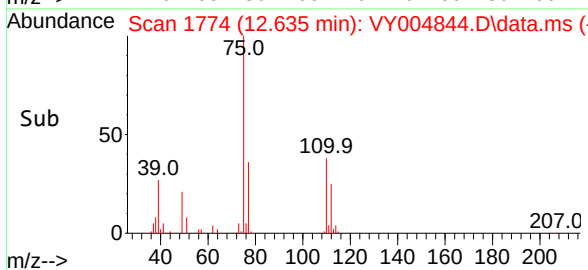
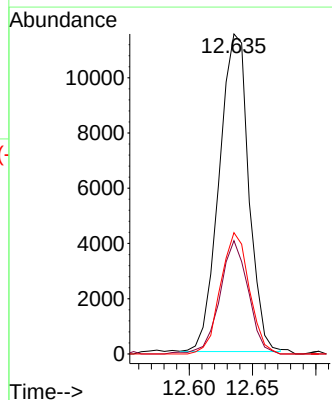
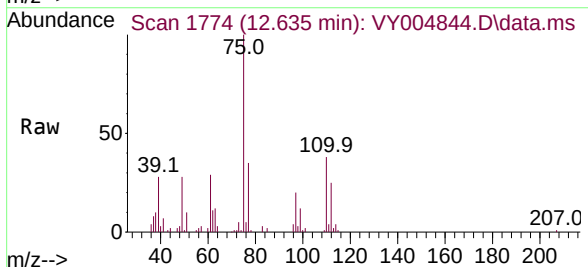
Instrument :
MSVOA_Y
ClientSampleId :

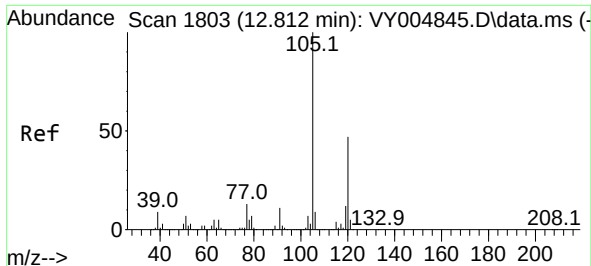
Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.0	31.6
77	16.4	12.7	19.1



#61
1,2,3-Trichloropropane
Concen: 5.31 ug/L
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.7	38.5
110	37.0	30.8	46.2

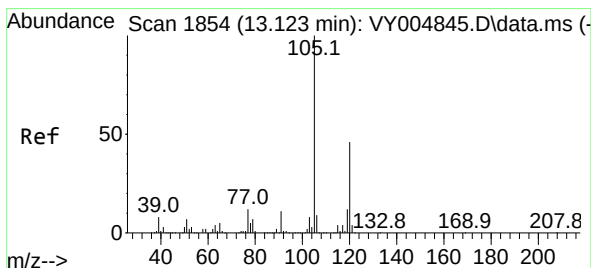
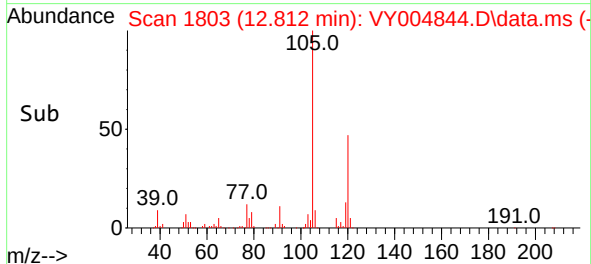
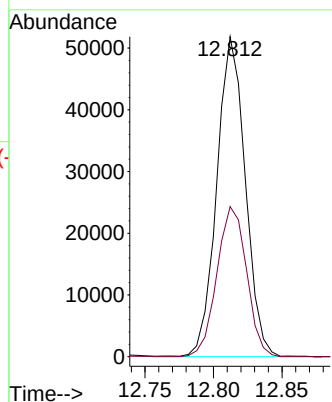
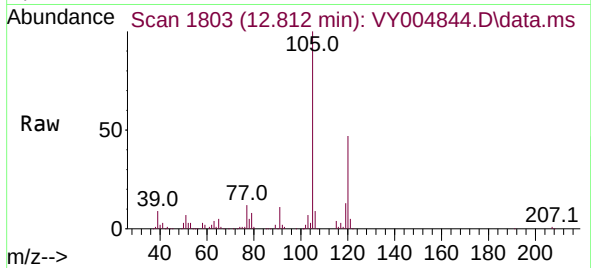




#62
1,3,5-Trimethylbenzene
Concen: 4.50 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

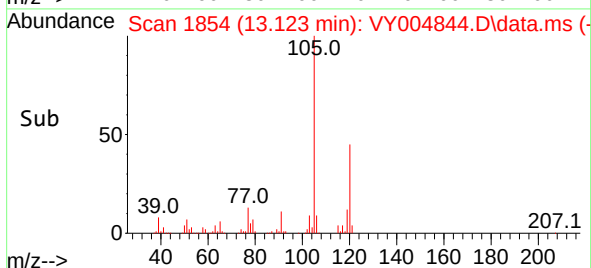
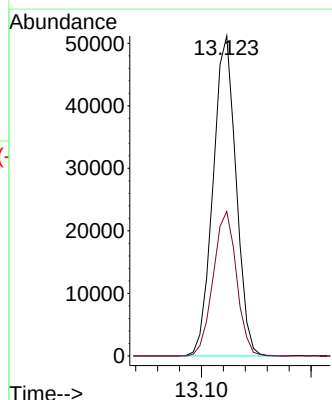
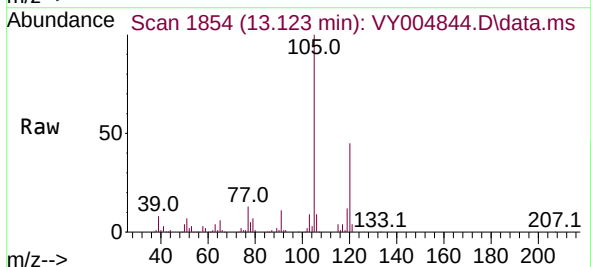
Instrument :
MSVOA_Y
ClientSampled :

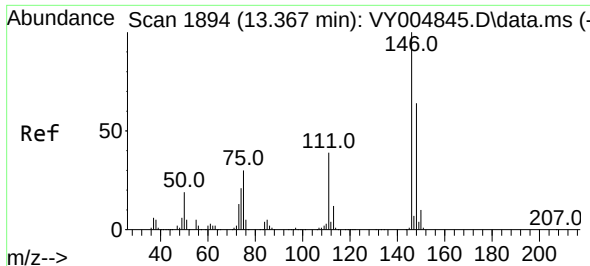
Tgt Ion:105 Resp: 74935
Ion Ratio Lower Upper
105 100
120 48.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.54 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:105 Resp: 74491
Ion Ratio Lower Upper
105 100
120 45.8 36.2 54.4

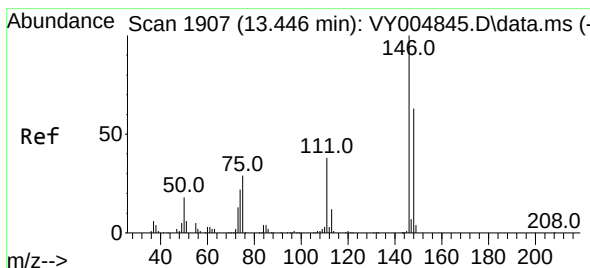
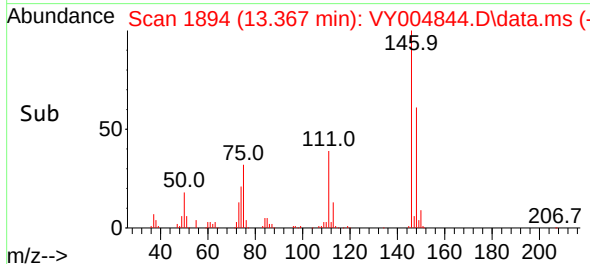
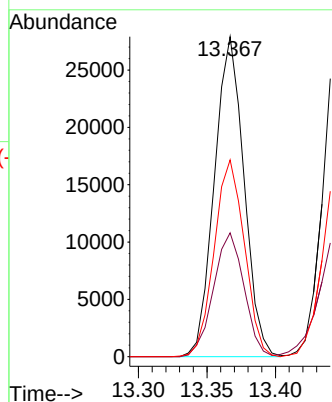
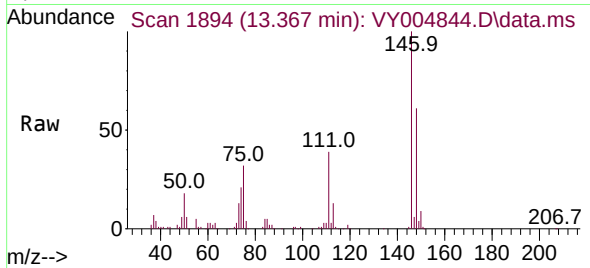




#64
1,3-Dichlorobenzene
Concen: 4.67 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

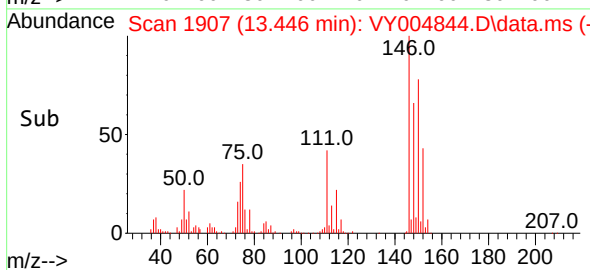
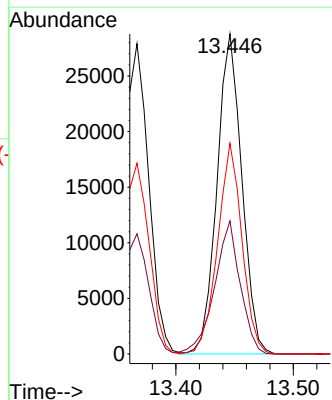
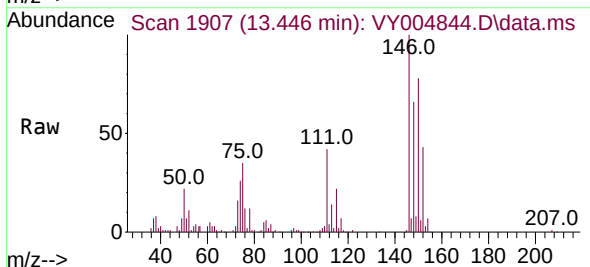
Instrument :
MSVOA_Y
ClientSampleId :

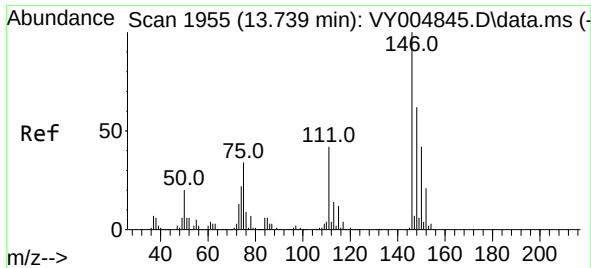
Tgt Ion:146 Resp: 41865
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 61.5 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.71 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:146 Resp: 42314
Ion Ratio Lower Upper
146 100
111 41.6 26.4 49.0
148 65.8 44.3 82.3

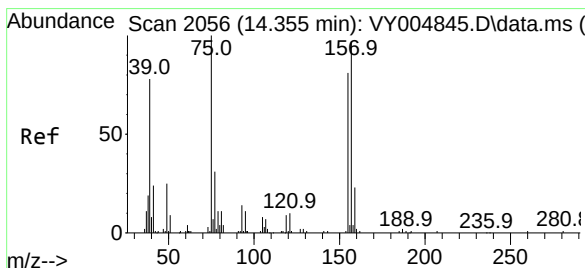
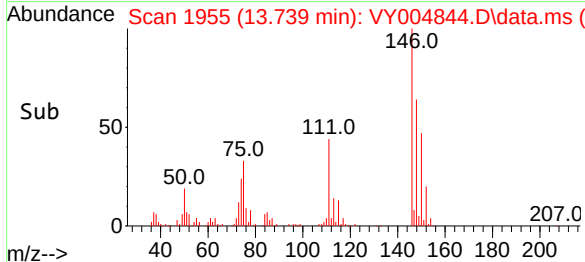
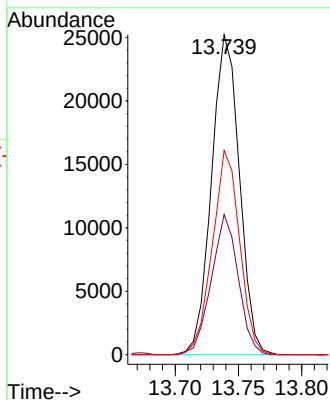
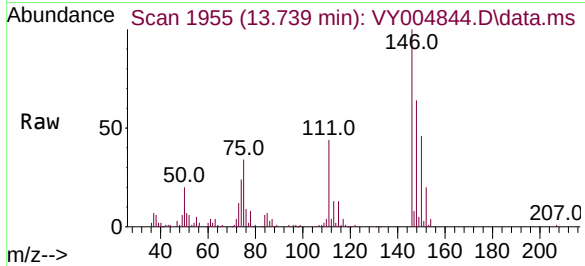




#67
1,2-Dichlorobenzene
Concen: 4.64 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

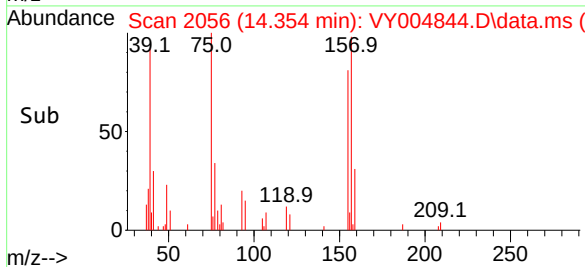
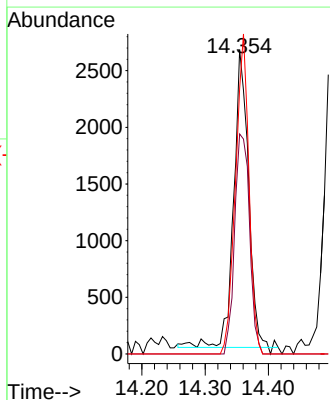
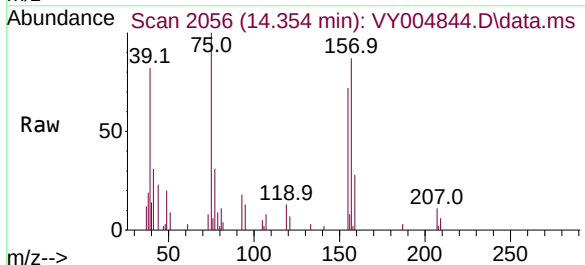
Instrument :
MSVOA_Y
ClientSampleId :

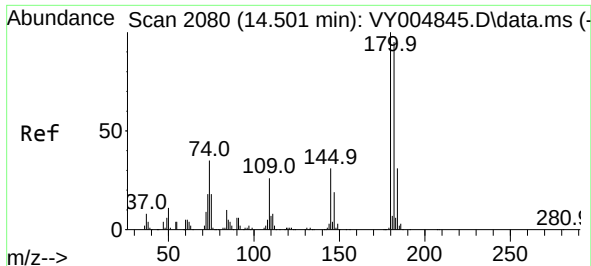
Tgt Ion:	146	Resp:	38673
Ion Ratio	Lower	Upper	
146	100		
111	43.8	33.9	50.9
148	63.8	49.7	74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.12 ug/L
RT: 14.354 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:	75	Resp:	4307
Ion Ratio	Lower	Upper	
75	100		
155	72.3	64.5	96.7
157	87.3	77.4	116.2

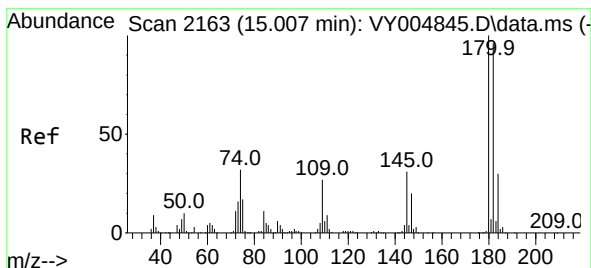
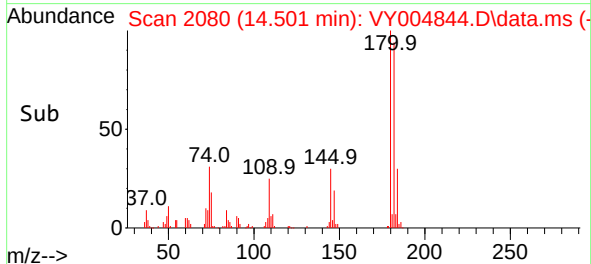
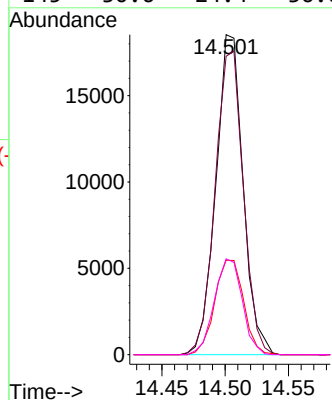
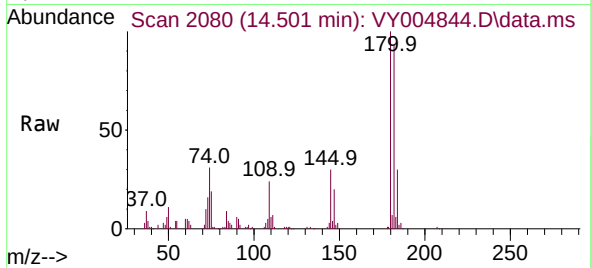




#69
1,3,5-Trichlorobenzene
Concen: 4.33 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

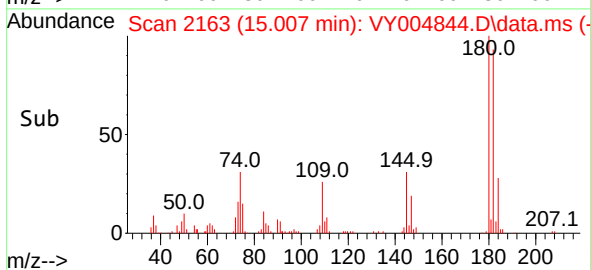
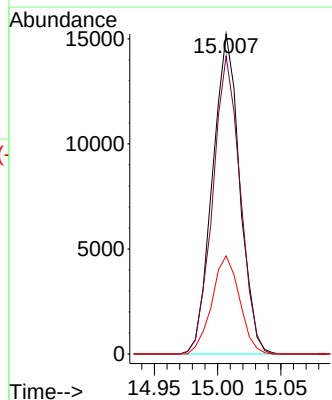
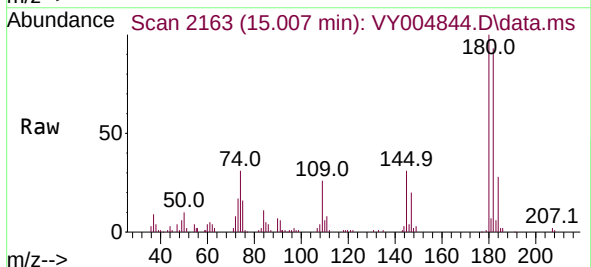
Instrument :
MSVOA_Y
ClientSampleId :

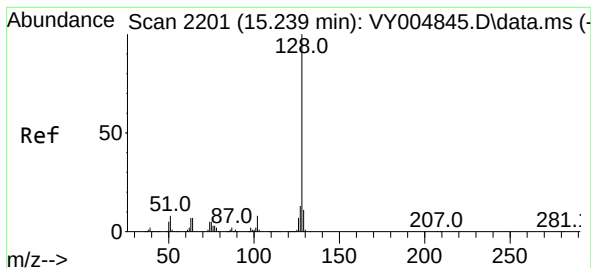
Tgt Ion:	180	Resp:	27777
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.1	114.1
184	31.3	24.6	36.8
145	30.6	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 4.27 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:	180	Resp:	22770
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.4	114.6
145	31.2	25.0	37.6

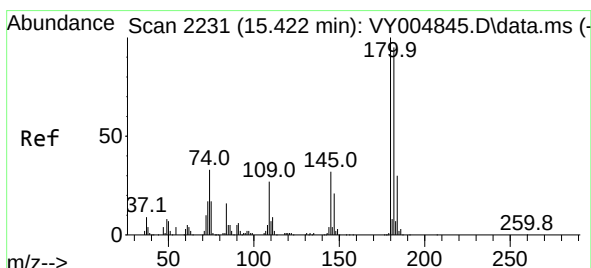
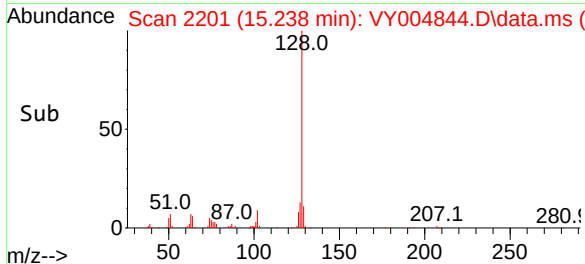
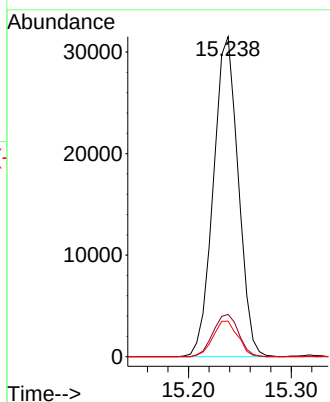
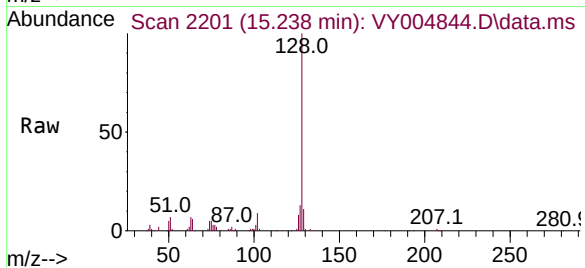




#71
Naphthalene
Concen: 4.63 ug/L
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 53012
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.2 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 4.48 ug/L
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY004844.D
Acq: 19 May 2021 11:12

Tgt Ion:180 Resp: 20790
Ion Ratio Lower Upper
180 100
182 92.2 76.2 114.2
145 31.2 25.8 38.8

