

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052021\
 Data File : VY004853.D
 Acq On : 20 May 2021 10:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025140

Quant Time: May 21 04:34:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 02:58:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	313781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	288302	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	137699	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	133856	26.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.72%			
7) Chloroethane-d5	2.766	69	97271	25.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.28%			
11) 1,1-Dichloroethene-d2	3.863	63	229050	25.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.92%			
21) 2-Butanone-d5	6.899	46	103763	48.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.84%			
24) Chloroform-d	7.484	84	206756	25.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.76%			
26) 1,2-Dichloroethane-d4	8.149	65	127657	25.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.64%			
32) Benzene-d6	8.112	84	448325	25.96	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.84%			
36) 1,2-Dichloropropane-d6	9.124	67	144375	25.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.08%			
41) Toluene-d8	10.179	98	408882	26.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.36%			
43) trans-1,3-Dichloroprop...	10.441	79	68704	25.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.12%			
47) 2-Hexanone-d5	10.788	63	79110	51.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.40%			
56) 1,1,2,2-Tetrachloroeth...	12.563	84	127865	25.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.60%			
66) 1,2-Dichlorobenzene-d4	13.727	152	124937	25.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.40%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	109786	26.24	ug/L	99
3) Chloromethane	2.119	50	135914	26.50	ug/L	97
5) Vinyl chloride	2.260	62	141673	25.85	ug/L	100
6) Bromomethane	2.662	94	60807	28.25	ug/L	97
8) Chloroethane	2.802	64	81702	25.60	ug/L	99
9) Trichlorofluoromethane	3.131	101	179153	25.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	108784	26.14	ug/L	99
12) 1,1-Dichloroethene	3.881	96	101753	26.24	ug/L	99
13) Acetone	3.954	43	55016	43.89	ug/L	97
14) Carbon disulfide	4.198	76	336624	27.00	ug/L	98
15) Methyl Acetate	4.491	43	87528	25.04	ug/L	100
16) Methylene chloride	4.729	84	118535	22.02	ug/L	98
17) trans-1,2-Dichloroethene	5.229	96	107939	25.68	ug/L	95
18) Methyl tert-butyl Ether	5.235	73	311524	25.80	ug/L	100
19) 1,1-Dichloroethane	6.021	63	208293	25.97	ug/L	98
20) cis-1,2-Dichloroethene	6.996	96	118275	26.16	ug/L	96
22) 2-Butanone	6.996	43	105233	48.49	ug/L	99
23) Bromochloromethane	7.344	128	55548	26.06	ug/L	97
25) Chloroform	7.515	83	212231	25.83	ug/L	100

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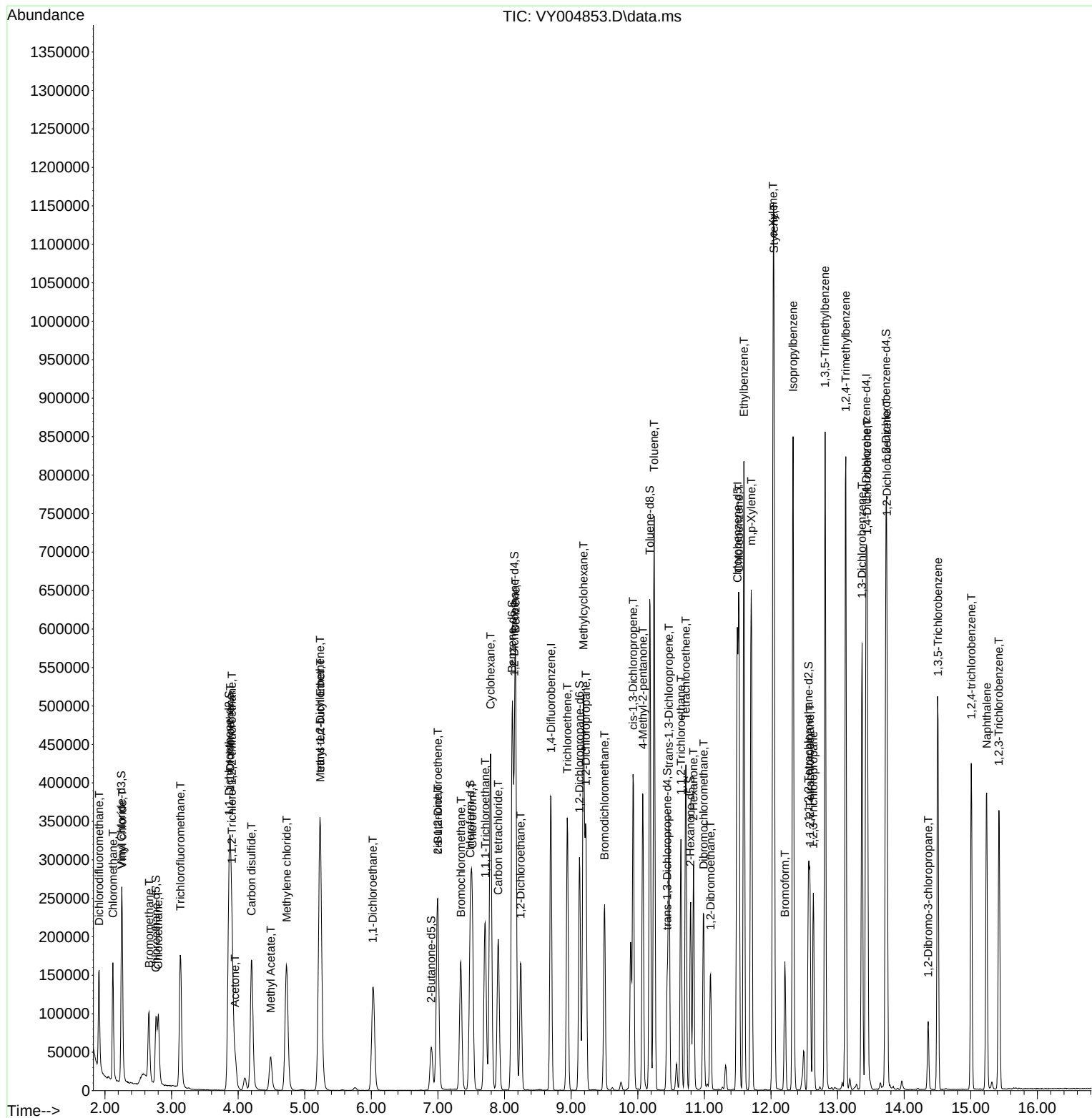
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	146177	25.76	ug/L	98
29) Cyclohexane	7.789	56	201564	26.96	ug/L	99
30) 1,1,1-Trichloroethane	7.710	97	179454	26.42	ug/L	99
31) Carbon tetrachloride	7.905	117	145343	27.14	ug/L	100
33) Benzene	8.167	78	467121	26.26	ug/L	100
34) Trichloroethene	8.941	95	119047	26.48	ug/L	97
35) Methylcyclohexane	9.185	83	200856	26.59	ug/L	99
37) 1,2-Dichloropropane	9.222	63	126993	26.74	ug/L	100
38) Bromodichloromethane	9.502	83	153910	26.31	ug/L	97
39) cis-1,3-Dichloropropene	9.929	75	197206	26.77	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	258733	51.13	ug/L	98
42) Toluene	10.246	91	502046	26.69	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	182980	26.74	ug/L	99
45) 1,1,2-Trichloroethane	10.648	97	96181	26.08	ug/L	99
46) Tetrachloroethene	10.721	164	88398	26.10	ug/L	99
48) 2-Hexanone	10.837	43	181202	53.06	ug/L	99
49) Dibromochloromethane	10.990	129	110666	26.63	ug/L	98
50) 1,2-Dibromoethane	11.093	107	93471	26.22	ug/L	99
51) Chlorobenzene	11.520	112	301387	25.91	ug/L	99
52) Ethylbenzene	11.593	91	538229	26.53	ug/L	99
53) m,p-Xylene	11.703	106	199216	26.50	ug/L	100
54) o-Xylene	12.032	106	191108	26.65	ug/L	96
55) Styrene	12.044	104	331422	26.83	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.587	83	120154	26.69	ug/L	99
59) Bromoform	12.209	173	68063	25.93	ug/L	99
60) Isopropylbenzene	12.331	105	513953	26.54	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	95009	25.36	ug/L	99
62) 1,3,5-Trimethylbenzene	12.813	105	417315	26.81	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	419227	26.98	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	214511	26.01	ug/L	98
65) 1,4-Dichlorobenzene	13.447	146	214361	25.67	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	199380	26.07	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.361	75	20732	24.33	ug/L	92
69) 1,3,5-Trichlorobenzene	14.507	180	144771	26.09	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	121708	26.21	ug/L	99
71) Naphthalene	15.239	128	308933	26.40	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	109897	26.06	ug/L	100

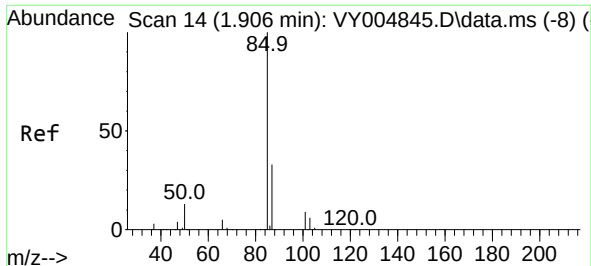
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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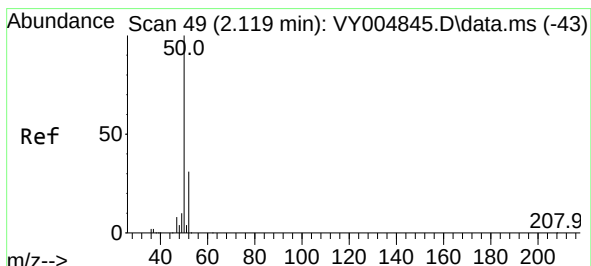
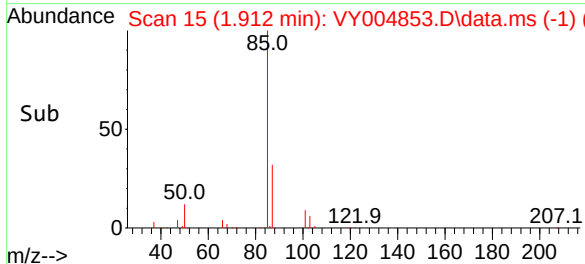
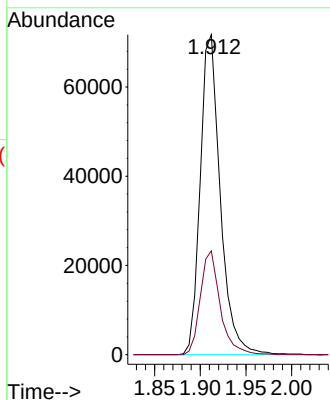
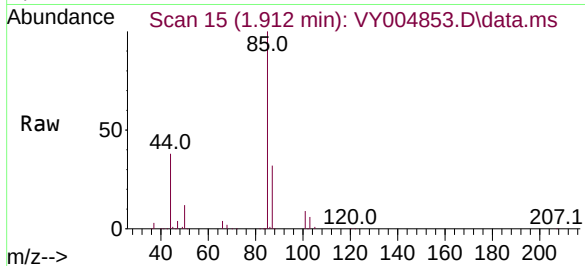




#2
Dichlorodifluoromethane
Concen: 26.24 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

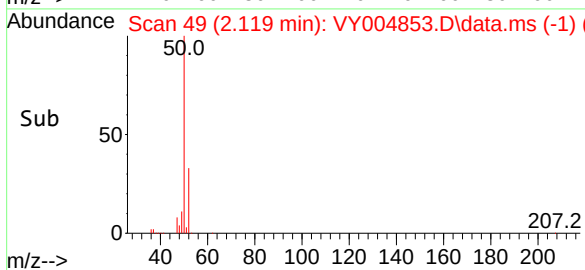
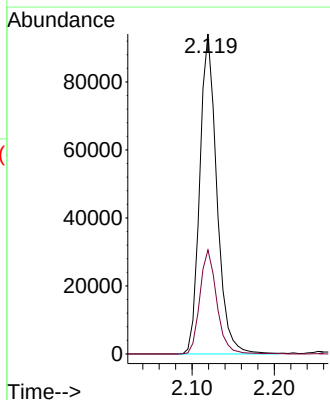
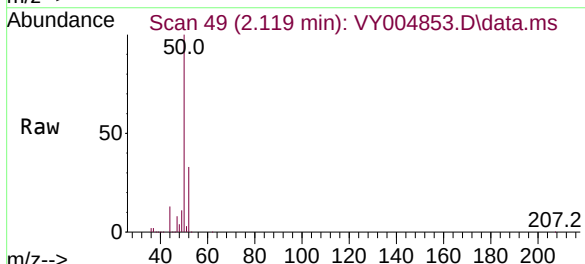
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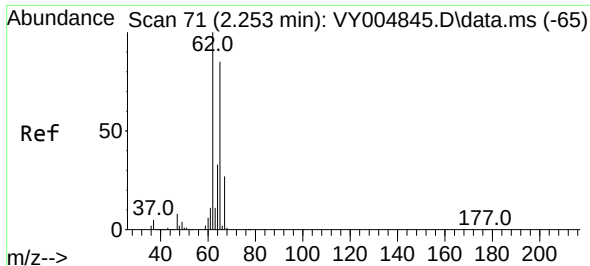
Tgt Ion: 85 Resp: 109786
Ion Ratio Lower Upper
85 100
87 32.0 26.2 39.2



#3
Chloromethane
Concen: 26.50 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 50 Resp: 135914
Ion Ratio Lower Upper
50 100
52 32.5 21.8 40.4

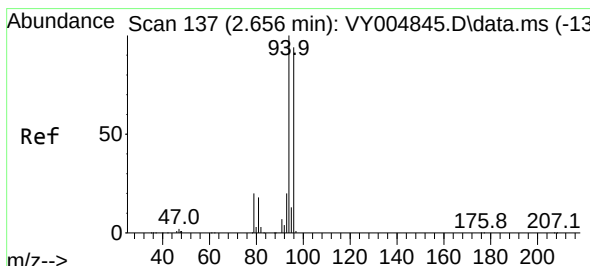
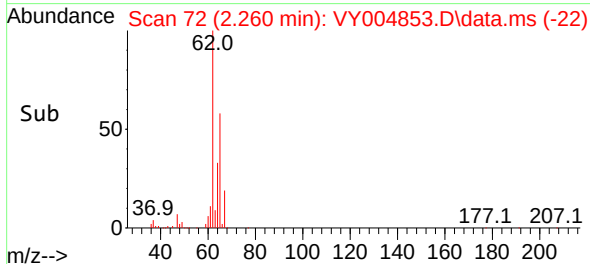
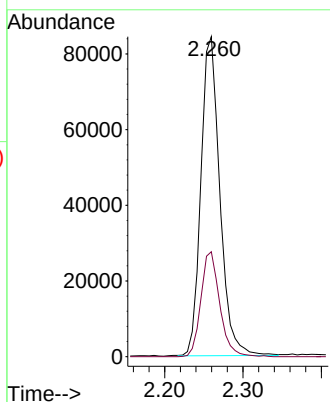
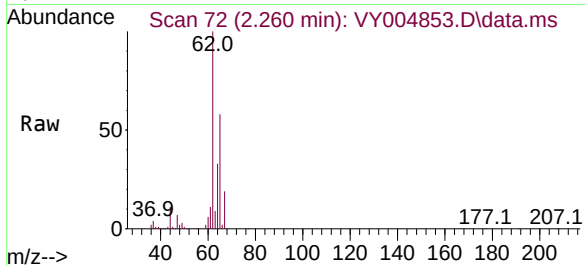




#5
 Vinyl chloride
 Concen: 25.85 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VY004853.D
 Acq: 20 May 2021 10:14

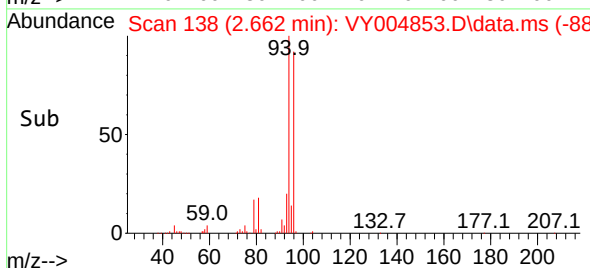
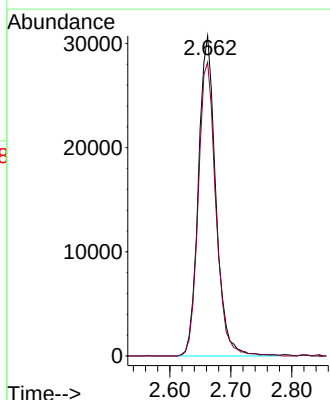
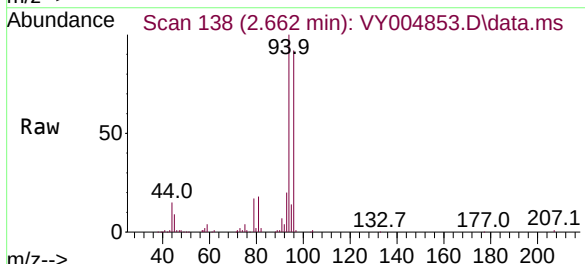
Instrument :
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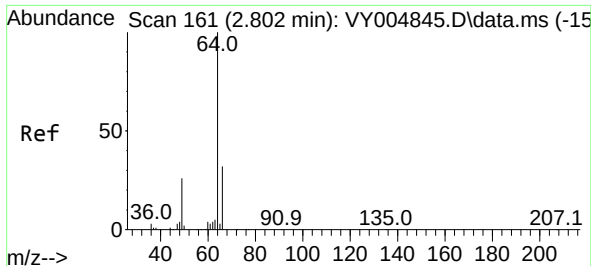
Tgt Ion: 62 Resp: 141673
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.8 42.4



#6
 Bromomethane
 Concen: 28.25 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.006 min
 Lab File: VY004853.D
 Acq: 20 May 2021 10:14

Tgt Ion: 94 Resp: 60807
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.9 122.5

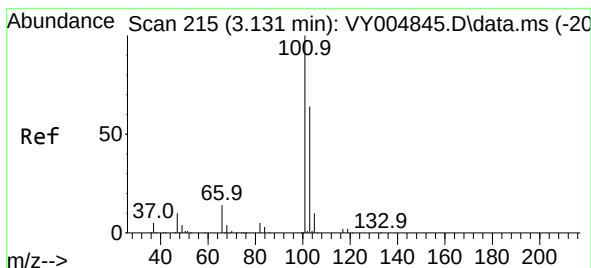
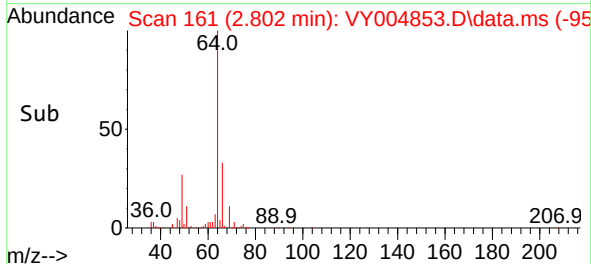
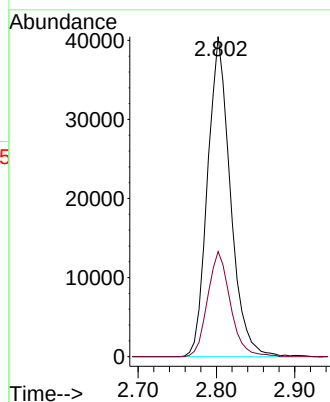
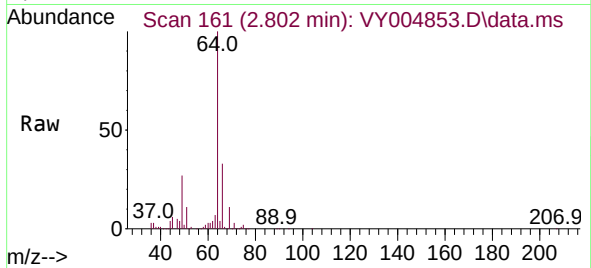




#8
Chloroethane
Concen: 25.60 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

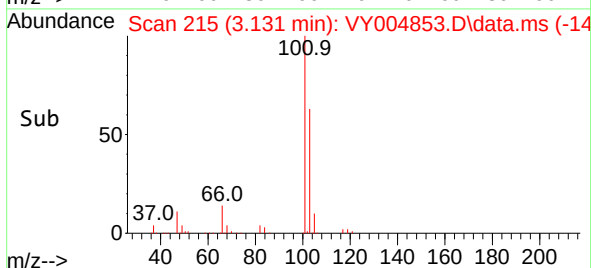
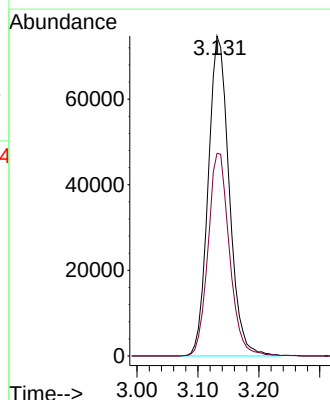
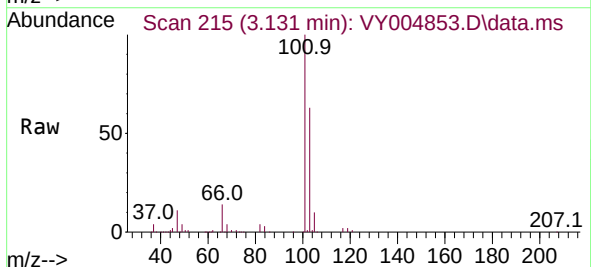
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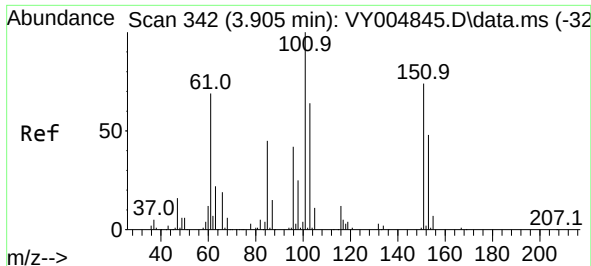
Tgt Ion: 64 Resp: 81702
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 25.58 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:101 Resp: 179153
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

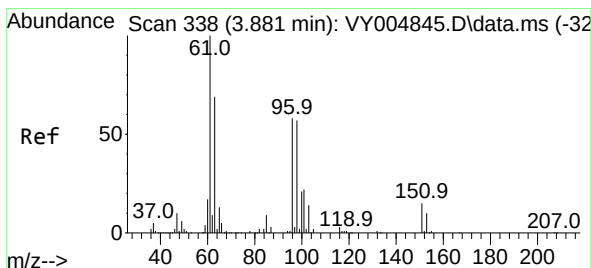
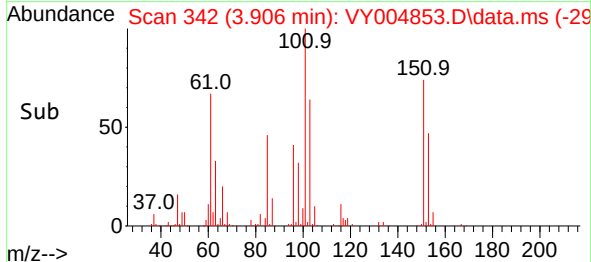
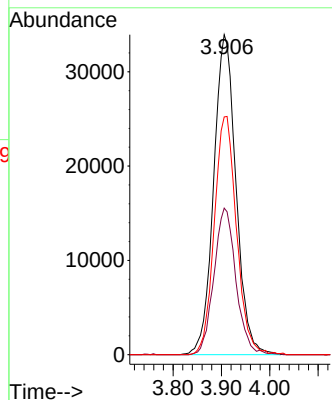
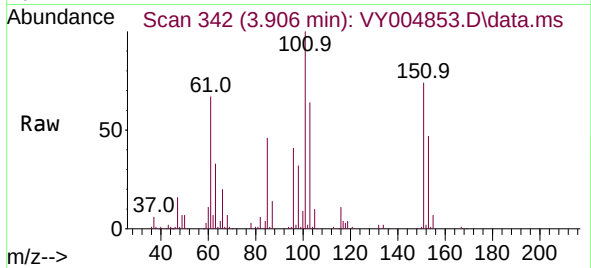




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.14 ug/L
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

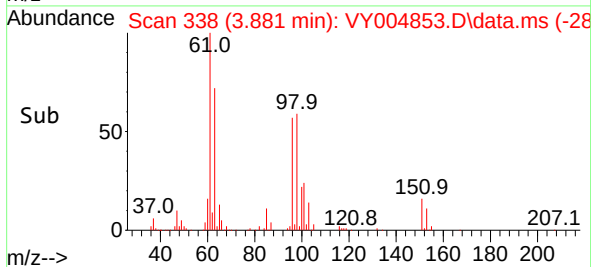
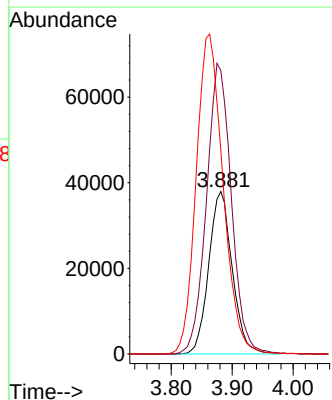
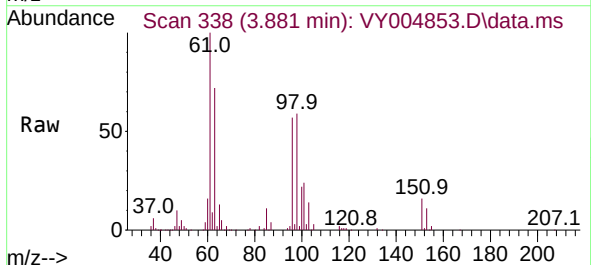
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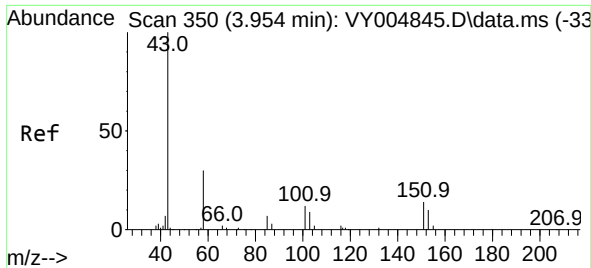
Tgt Ion:101 Resp: 108784
Ion Ratio Lower Upper
101 100
85 44.7 36.6 54.8
151 73.7 59.0 88.4



#12
1,1-Dichloroethene
Concen: 26.24 ug/L
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 96 Resp: 101753
Ion Ratio Lower Upper
96 100
61 174.5 121.2 225.2
63 125.4 86.9 161.3

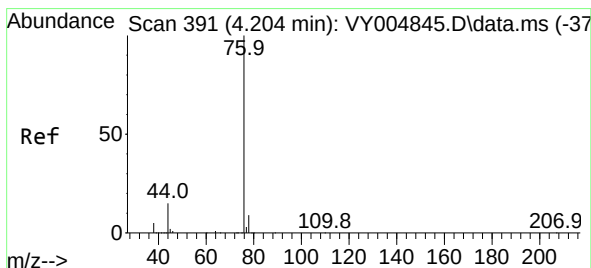
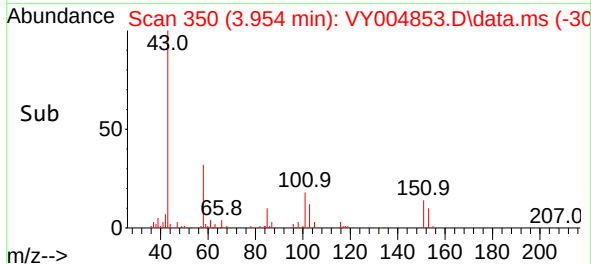
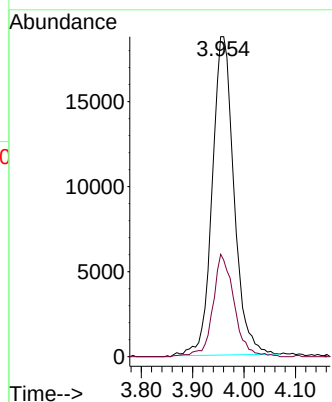
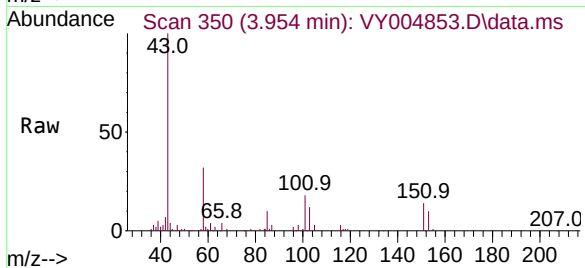




#13
Acetone
Concen: 43.89 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

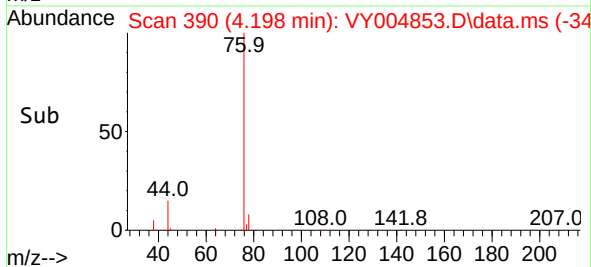
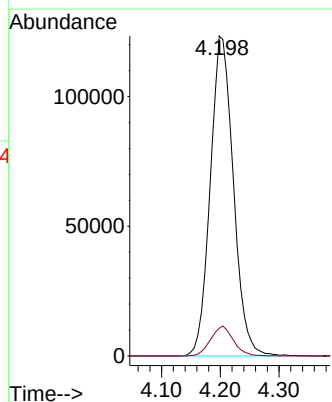
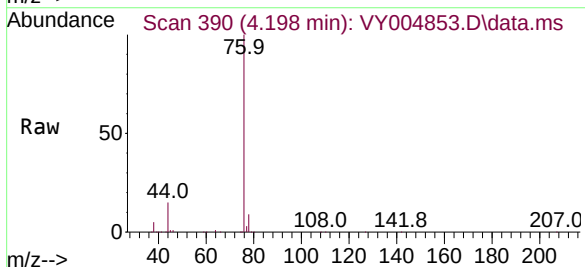
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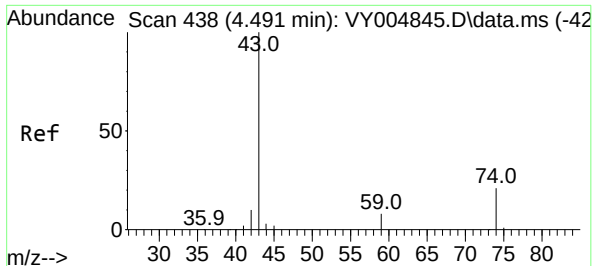
Tgt Ion: 43 Resp: 55016
Ion Ratio Lower Upper
43 100
58 28.8 0.0 61.0



#14
Carbon disulfide
Concen: 27.00 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 336624
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

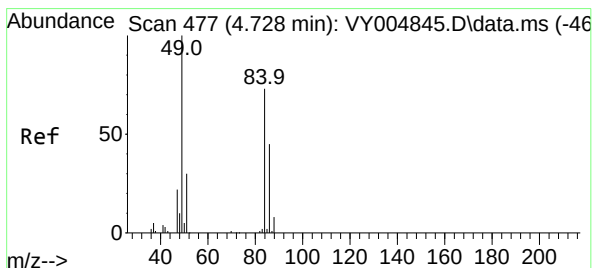
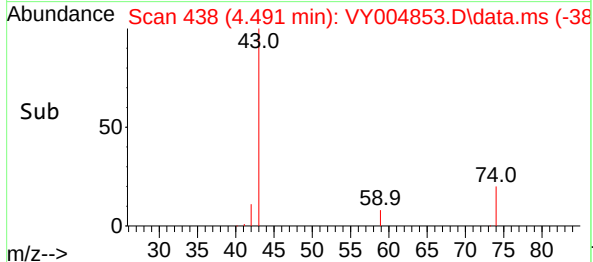
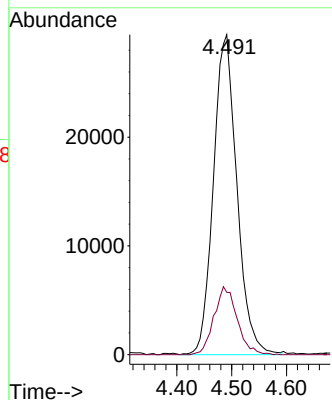
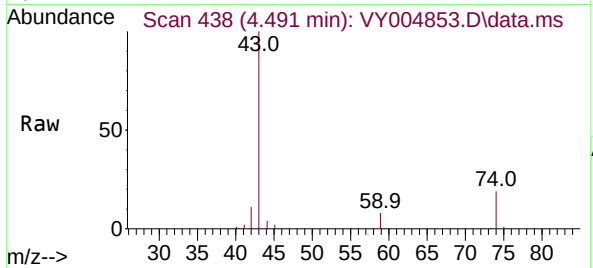




#15
Methyl Acetate
Concen: 25.04 ug/L
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

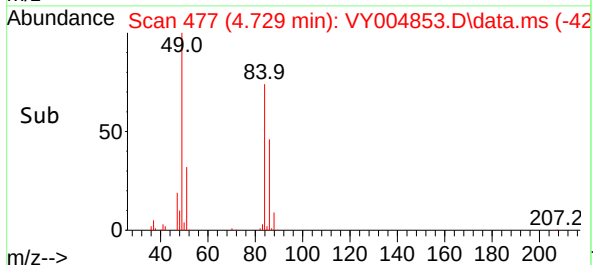
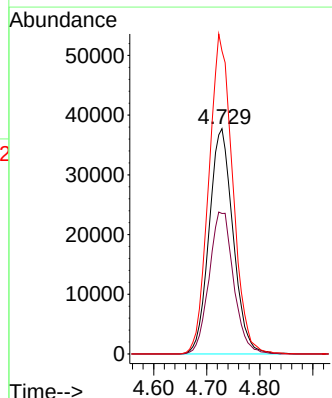
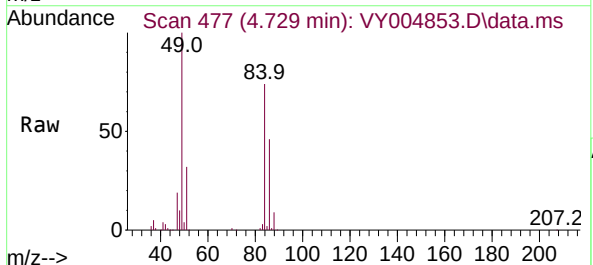
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

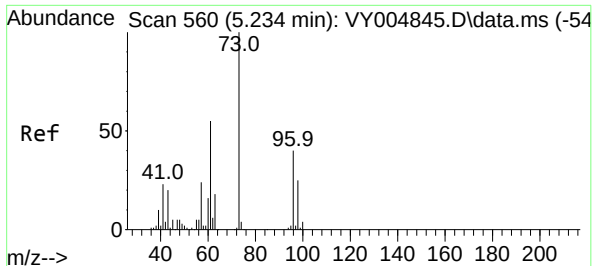
Tgt Ion: 43 Resp: 87528
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1



#16
Methylene chloride
Concen: 22.02 ug/L
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

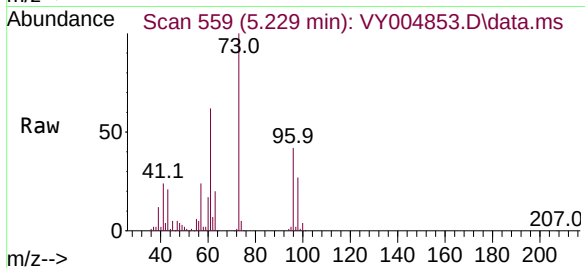
Tgt Ion: 84 Resp: 118535
Ion Ratio Lower Upper
84 100
86 62.4 43.2 80.2
49 134.5 96.0 178.4



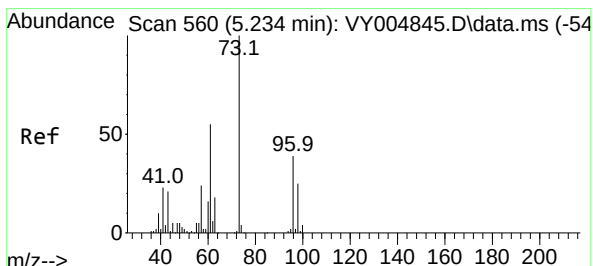
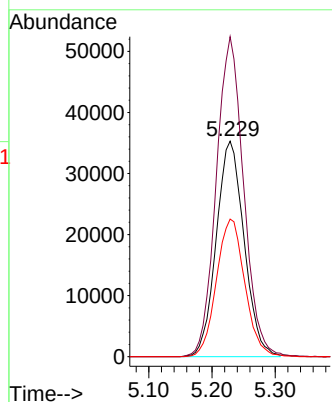
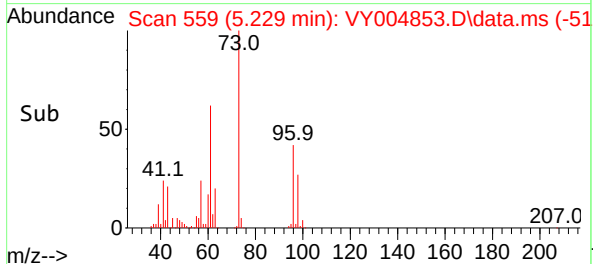


#17
trans-1,2-Dichloroethene
Concen: 25.68 ug/L
RT: 5.229 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

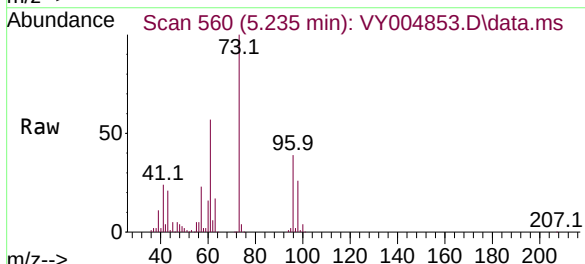
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140



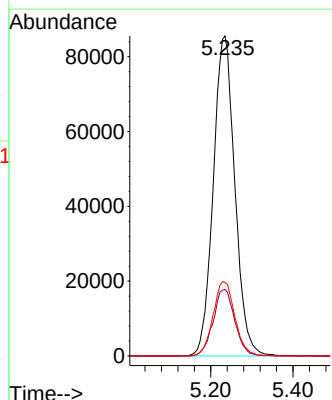
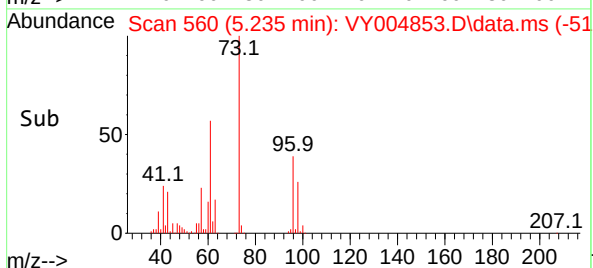
Tgt Ion: 96 Resp: 107939
Ion Ratio Lower Upper
96 100
61 148.4 97.6 181.2
98 63.8 44.8 83.2

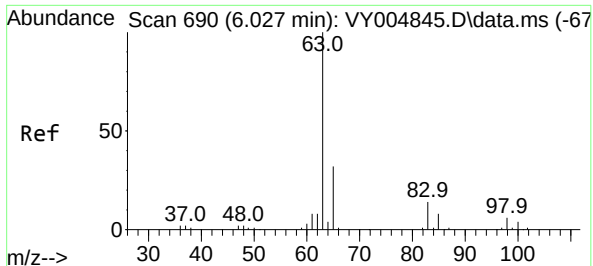


#18
Methyl tert-butyl Ether
Concen: 25.80 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14



Tgt Ion: 73 Resp: 311524
Ion Ratio Lower Upper
73 100
43 20.8 16.8 25.2
57 23.4 18.7 28.1





#19

1,1-Dichloroethane

Concen: 25.97 ug/L

RT: 6.021 min Scan# 689

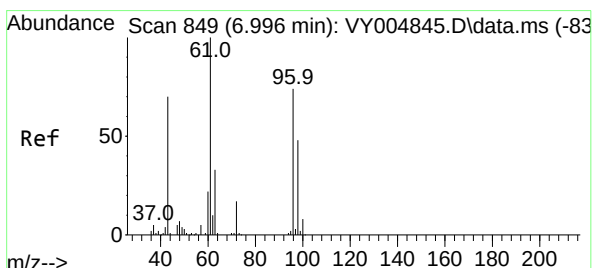
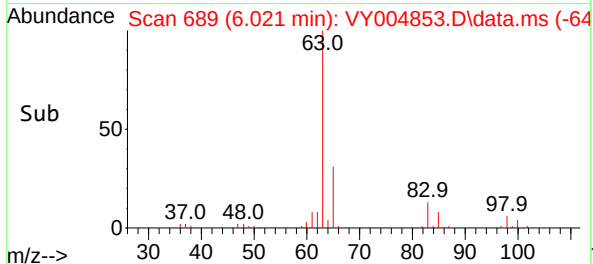
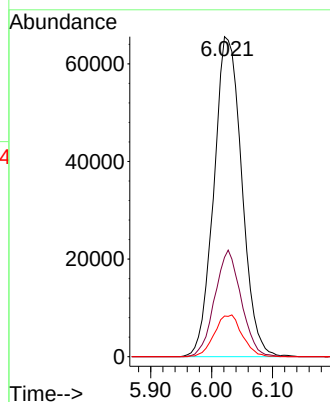
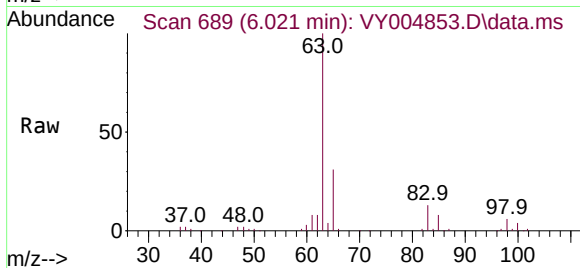
Delta R.T. -0.006 min

Lab File: VY004853.D

Acq: 20 May 2021 10:14

Tgt Ion: 63 Resp: 208293

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.4	41.6
83	12.7	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 26.16 ug/L

RT: 6.996 min Scan# 849

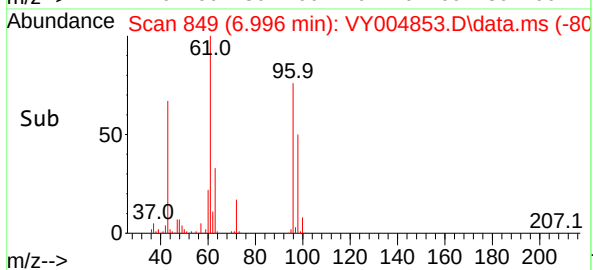
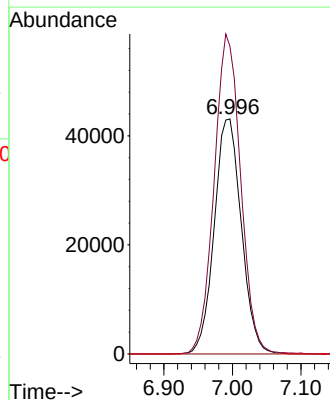
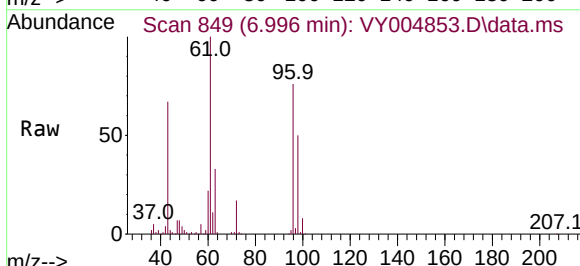
Delta R.T. 0.000 min

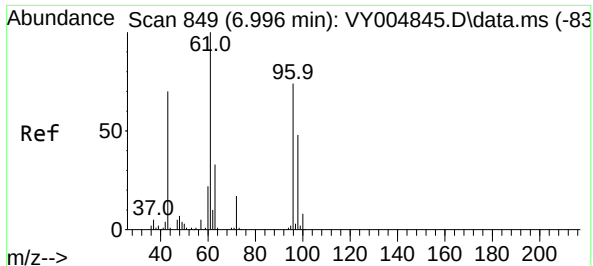
Lab File: VY004853.D

Acq: 20 May 2021 10:14

Tgt Ion: 96 Resp: 118275

Ion	Ratio	Lower	Upper
96	100		
61	130.8	94.8	176.2
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 48.49 ug/L

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY004853.D

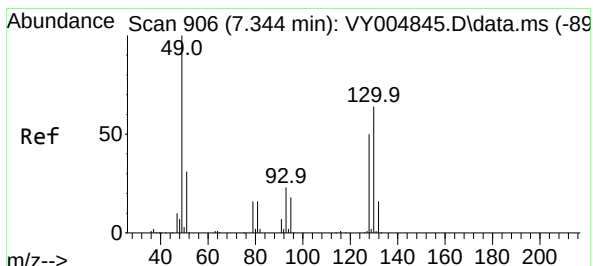
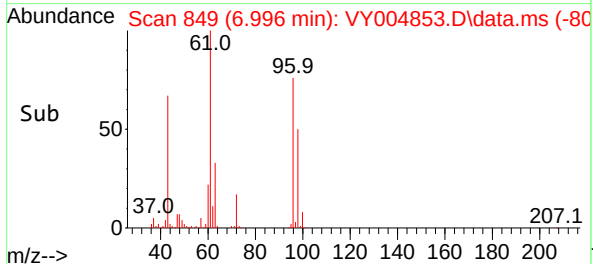
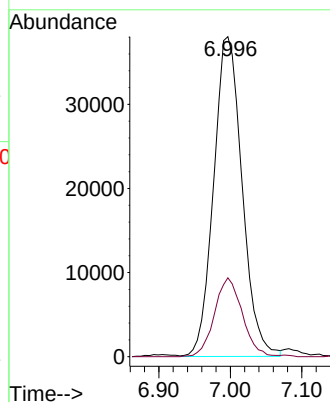
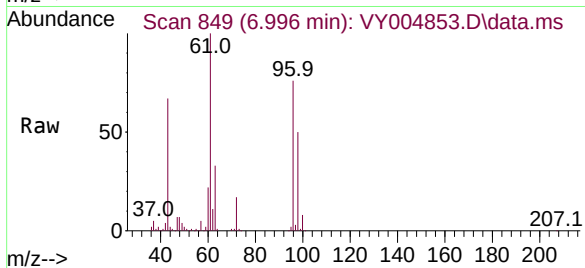
Acq: 20 May 2021 10:14

Tgt Ion: 43 Resp: 105233

Ion Ratio Lower Upper

43 100

72 24.1 12.2 36.6



#23

Bromochloromethane

Concen: 26.06 ug/L

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY004853.D

Acq: 20 May 2021 10:14

Tgt Ion: 128 Resp: 55548

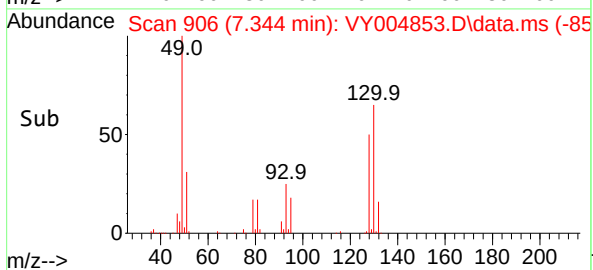
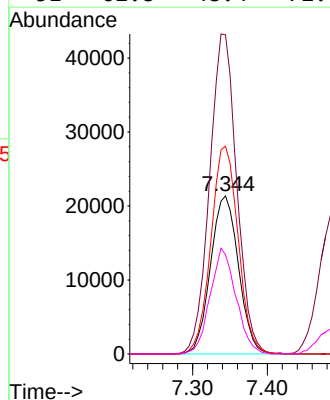
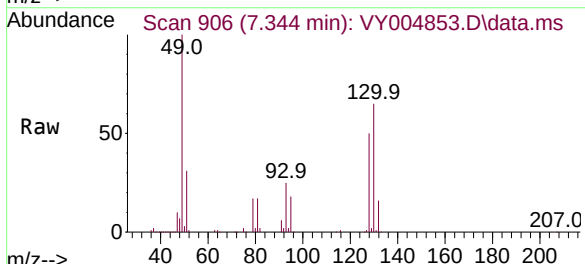
Ion Ratio Lower Upper

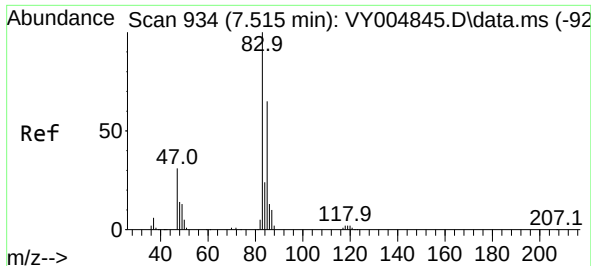
128 100

49 201.9 138.9 258.1

130 131.4 88.3 164.1

51 62.8 48.4 72.6

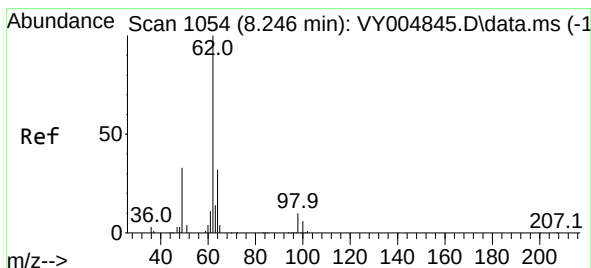
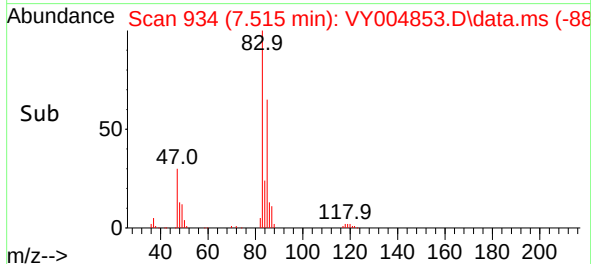
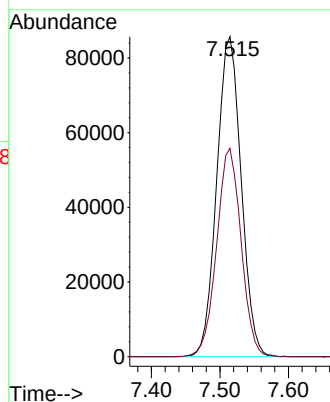
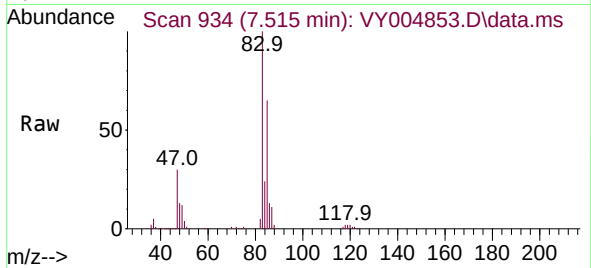




#25
Chloroform
Concen: 25.83 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

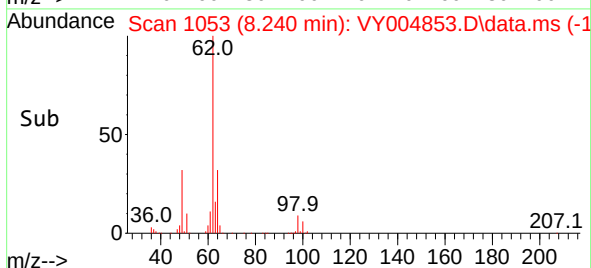
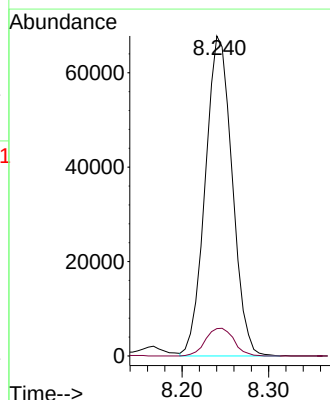
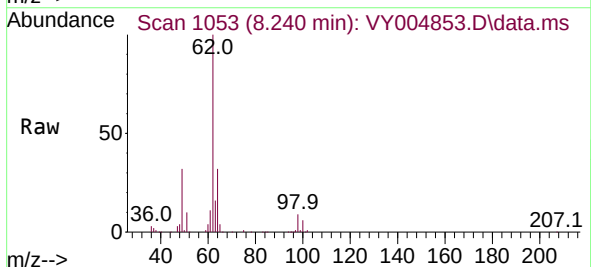
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

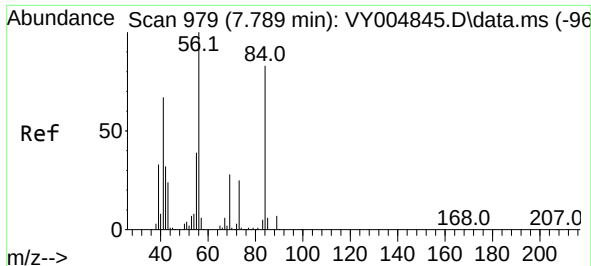
Tgt Ion: 83 Resp: 212231
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.4



#27
1,2-Dichloroethane
Concen: 25.76 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 62 Resp: 146177
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3





#29

Cyclohexane

Concen: 26.96 ug/L

RT: 7.789 min Scan# 979

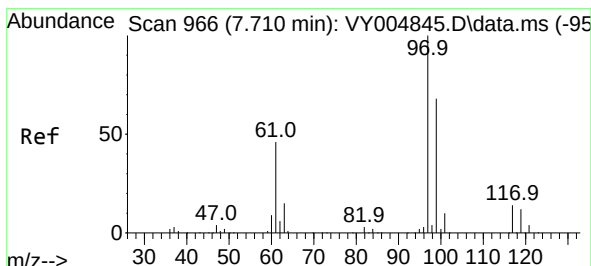
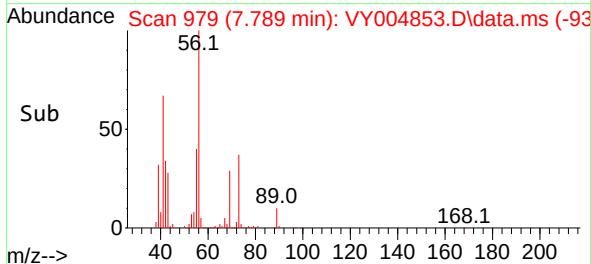
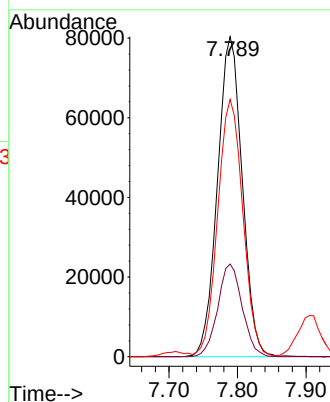
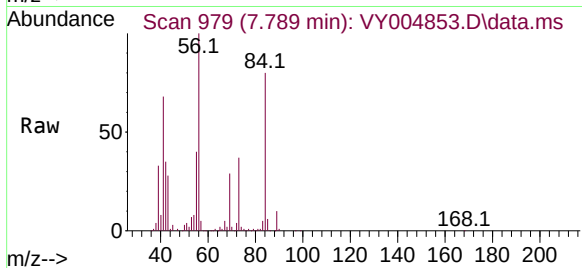
Delta R.T. 0.000 min

Lab File: VY004853.D

Acq: 20 May 2021 10:14

Tgt Ion: 56 Resp: 201564

Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.6	33.8
84	81.6	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 26.42 ug/L

RT: 7.710 min Scan# 966

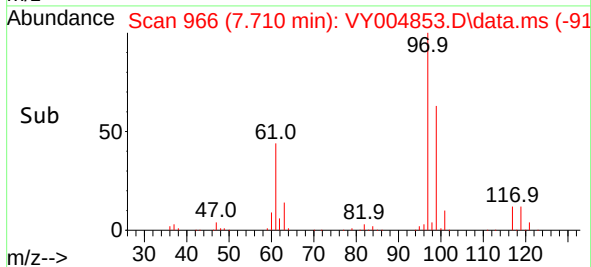
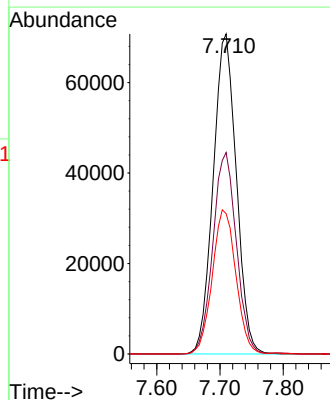
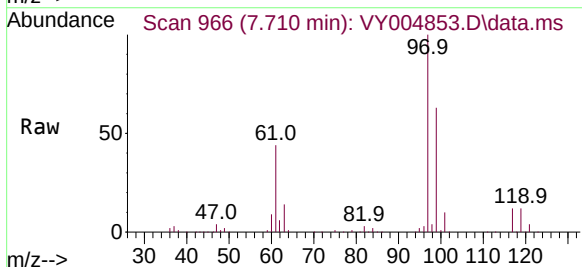
Delta R.T. 0.000 min

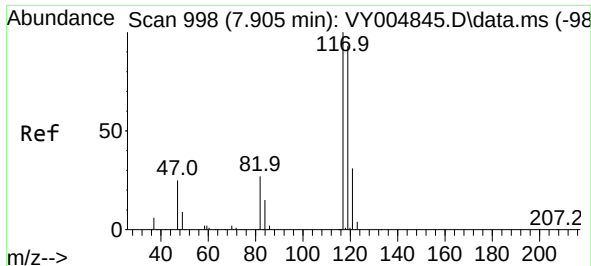
Lab File: VY004853.D

Acq: 20 May 2021 10:14

Tgt Ion: 97 Resp: 179454

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.6
61	46.0	37.3	55.9

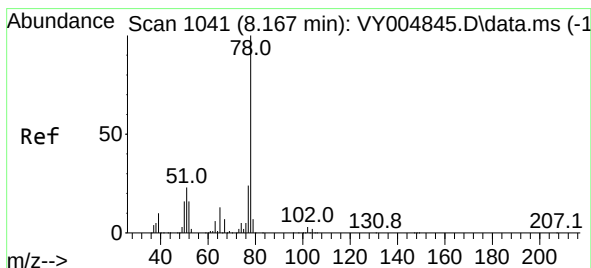
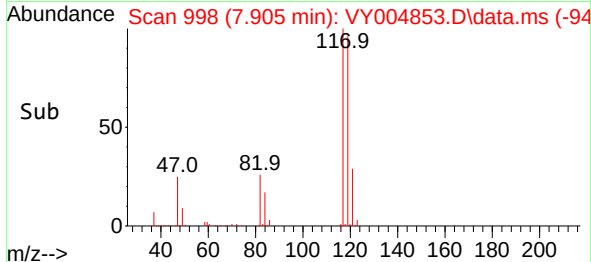
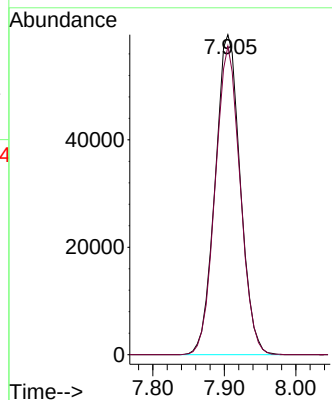
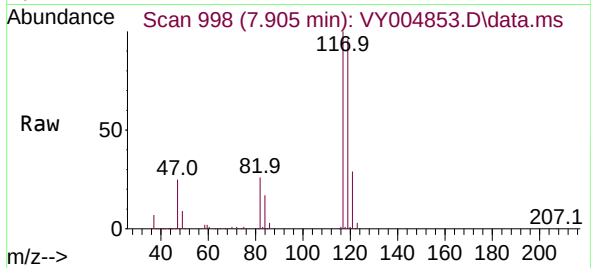




#31
Carbon tetrachloride
Concen: 27.14 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

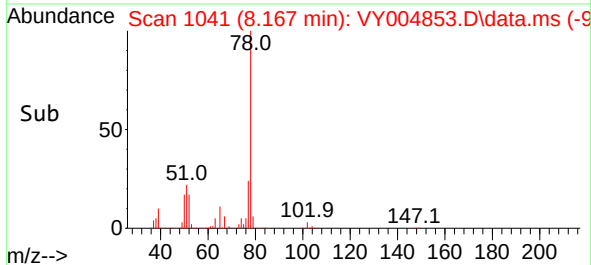
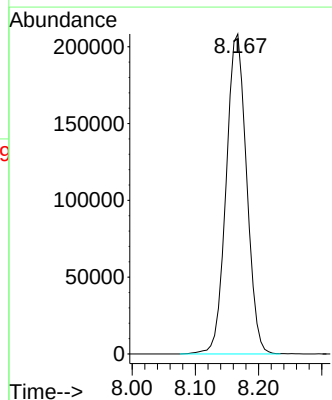
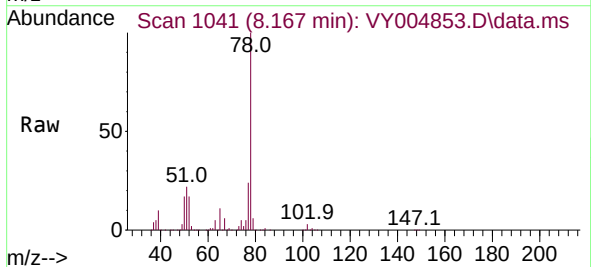
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

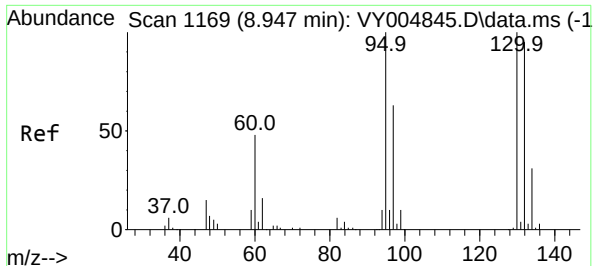
Tgt Ion:117 Resp: 145343
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2



#33
Benzene
Concen: 26.26 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 78 Resp: 467121

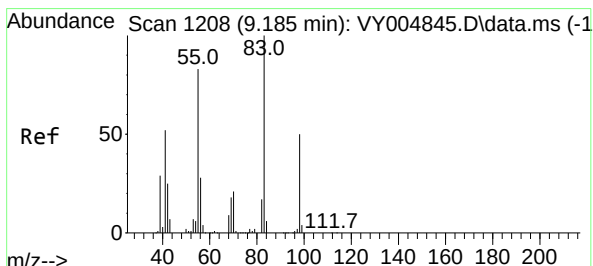
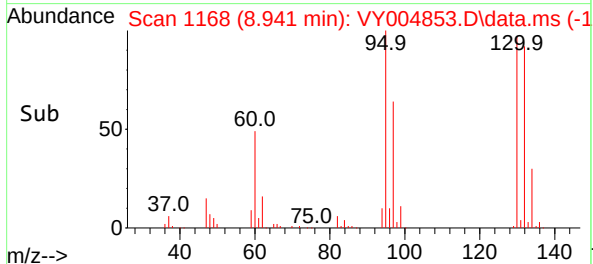
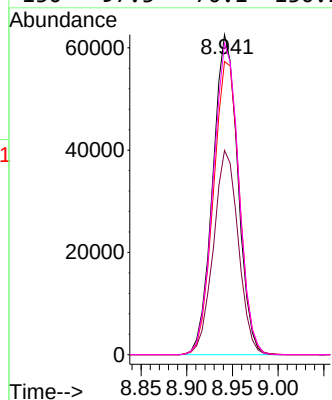
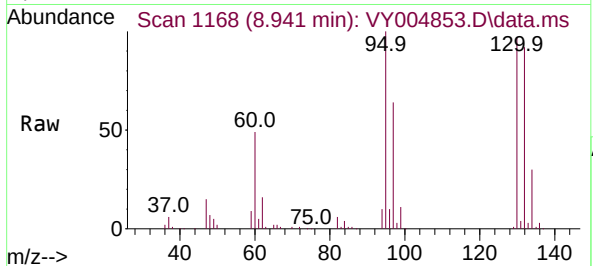




#34
Trichloroethene
Concen: 26.48 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

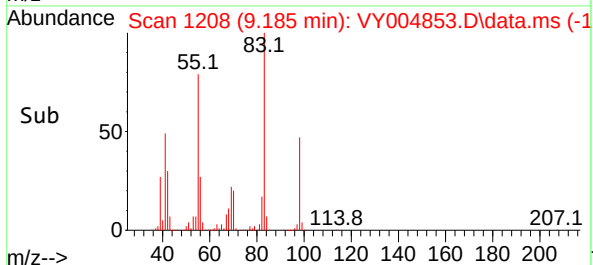
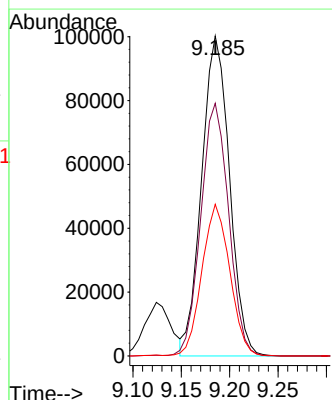
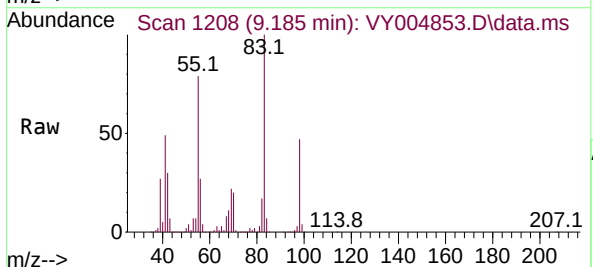
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

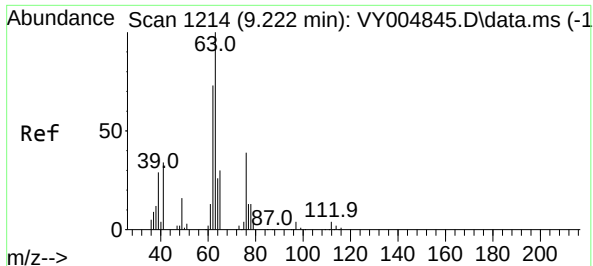
Tgt Ion: 95 Resp: 119047
Ion Ratio Lower Upper
95 100
97 63.8 44.2 82.2
132 91.6 66.8 124.0
130 97.3 70.1 130.1



#35
Methylcyclohexane
Concen: 26.59 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 83 Resp: 200856
Ion Ratio Lower Upper
83 100
55 79.0 63.9 95.9
98 47.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 26.74 ug/L

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY004853.D

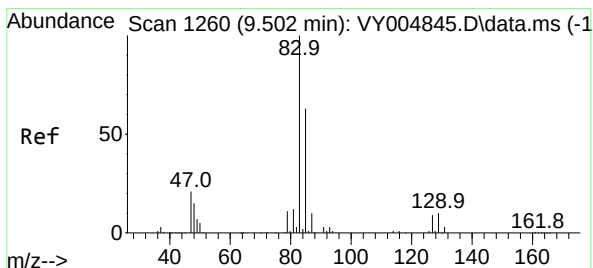
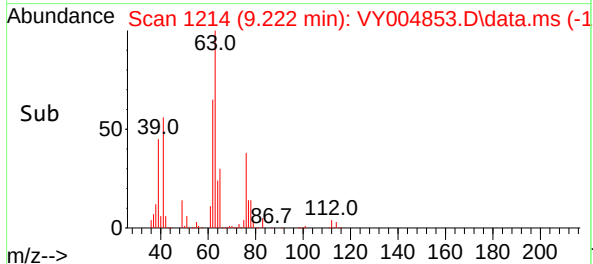
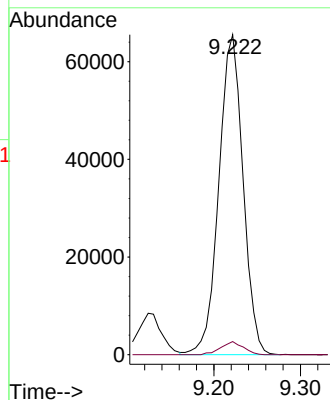
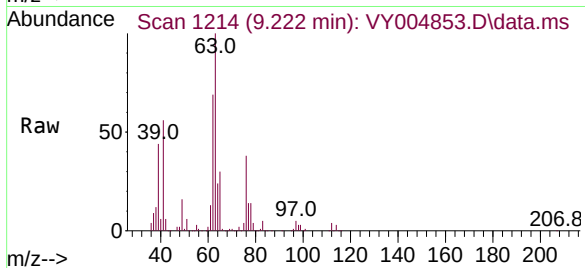
Acq: 20 May 2021 10:14

Tgt Ion: 63 Resp: 126993

Ion Ratio Lower Upper

63 100

112 3.8 3.1 4.7



#38

Bromodichloromethane

Concen: 26.31 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY004853.D

Acq: 20 May 2021 10:14

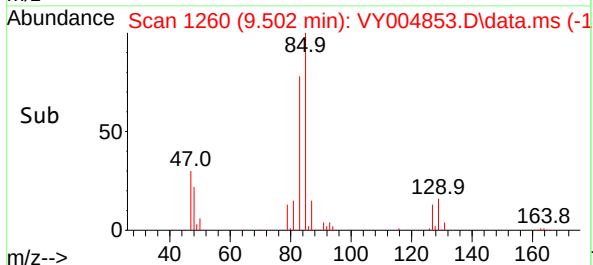
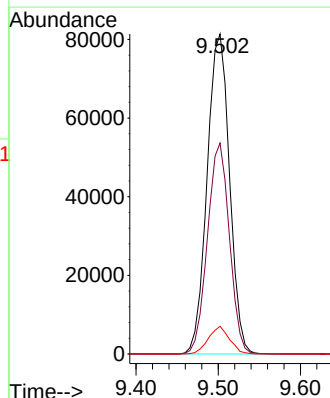
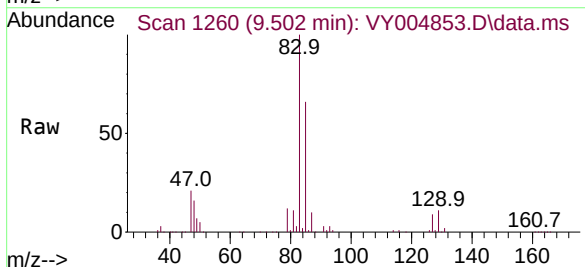
Tgt Ion: 83 Resp: 153910

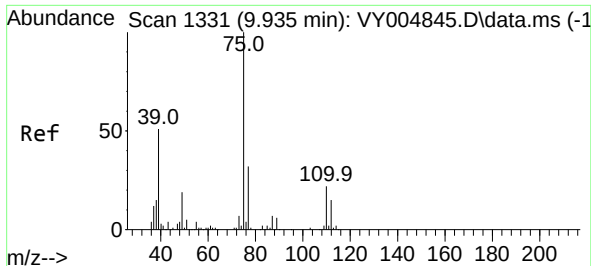
Ion Ratio Lower Upper

83 100

85 65.9 44.1 81.9

127 8.6 6.9 10.3

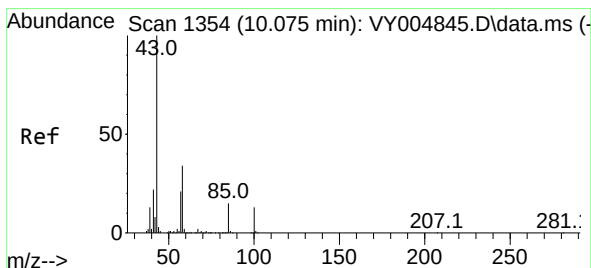
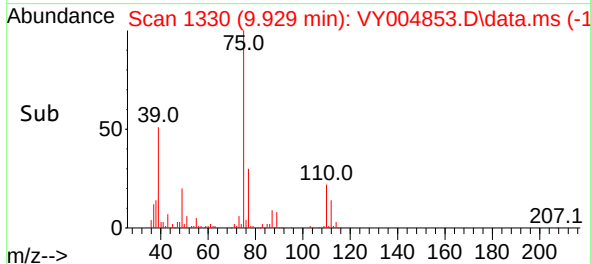
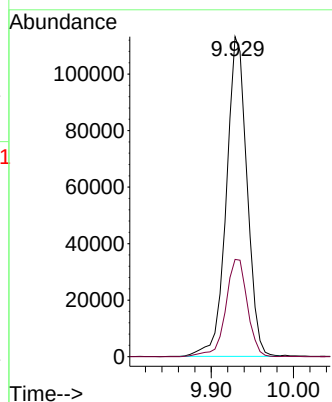
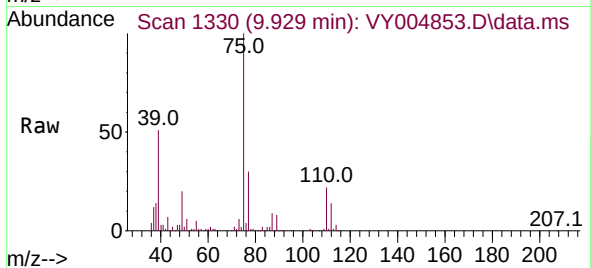




#39
cis-1,3-Dichloropropene
Concen: 26.77 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

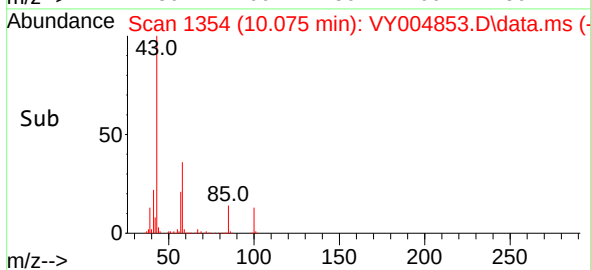
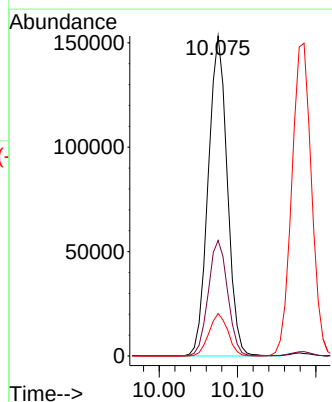
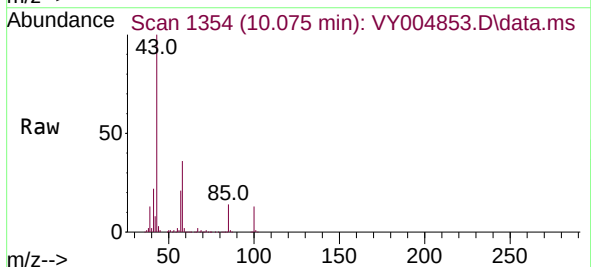
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

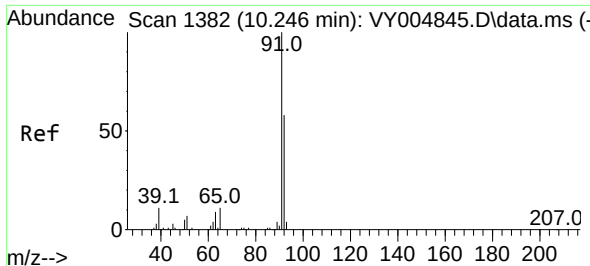
Tgt Ion: 75 Resp: 197206
Ion Ratio Lower Upper
75 100
77 30.4 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 51.13 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 43 Resp: 258733
Ion Ratio Lower Upper
43 100
58 36.8 28.5 42.7
100 13.1 10.4 15.6

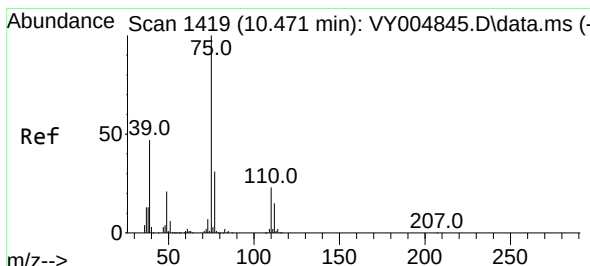
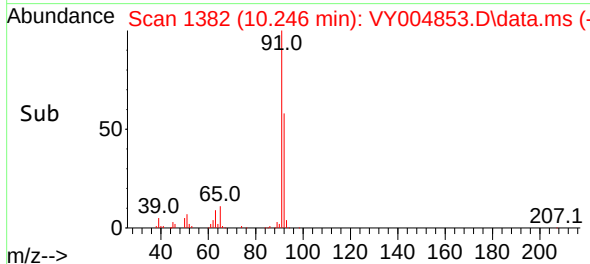
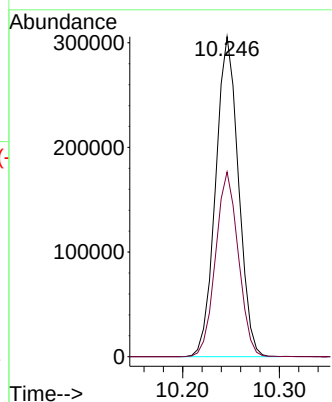
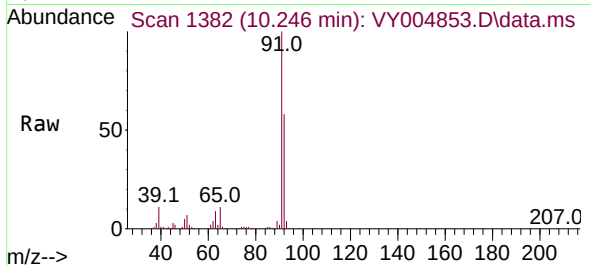




#42
Toluene
Concen: 26.69 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

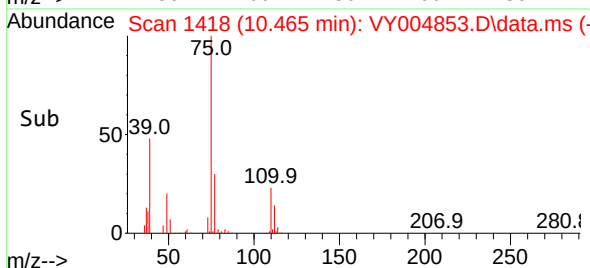
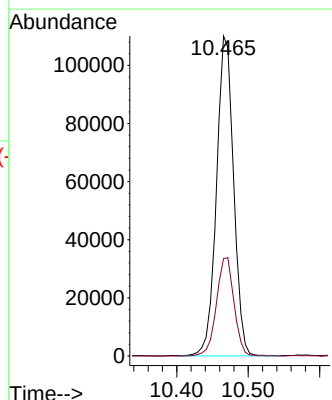
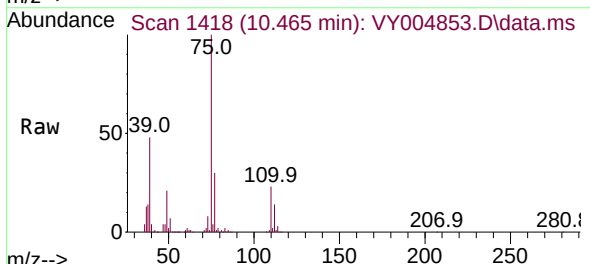
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

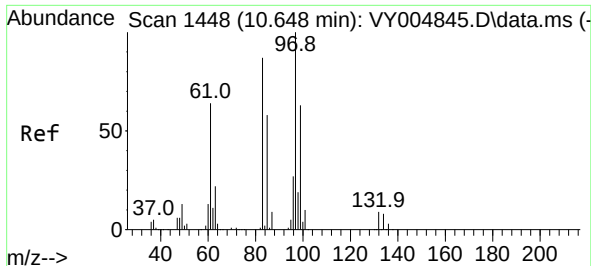
Tgt Ion: 91 Resp: 502046
Ion Ratio Lower Upper
91 100
92 57.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 26.74 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 75 Resp: 182980
Ion Ratio Lower Upper
75 100
77 30.5 21.8 40.4

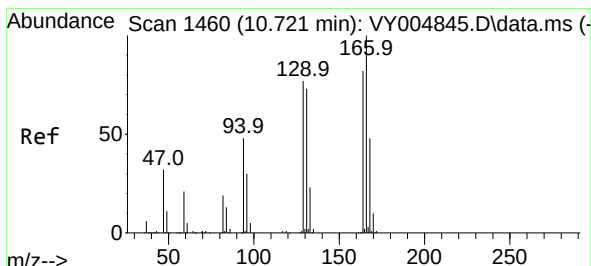
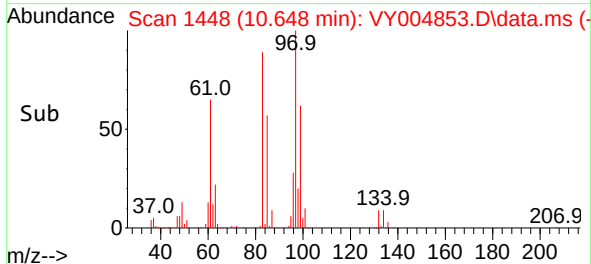
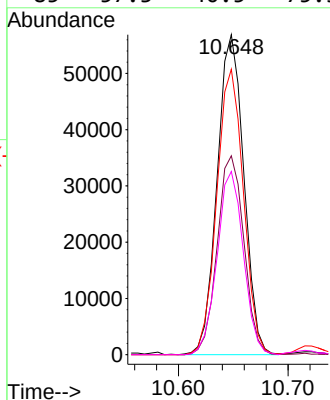
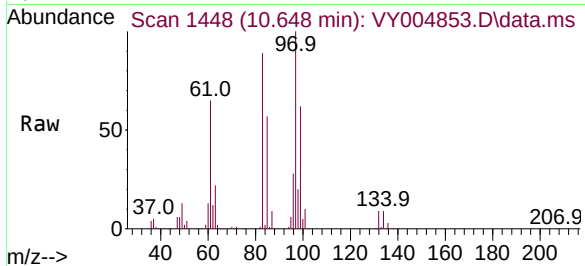




#45
1,1,2-Trichloroethane
Concen: 26.08 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

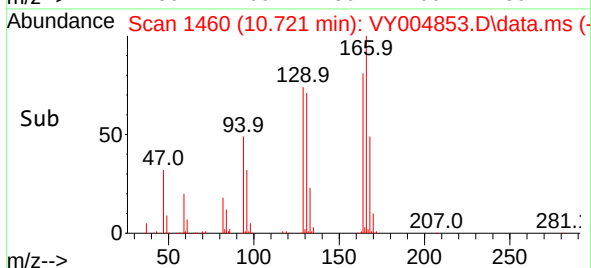
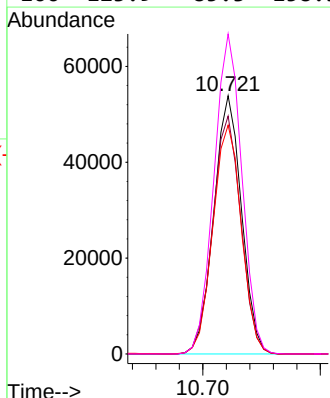
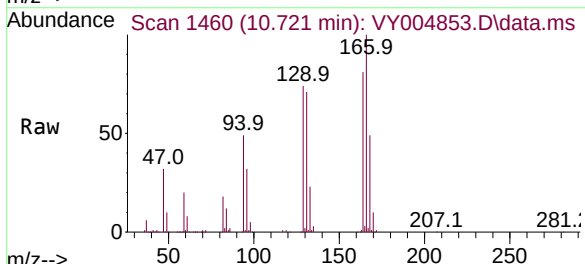
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

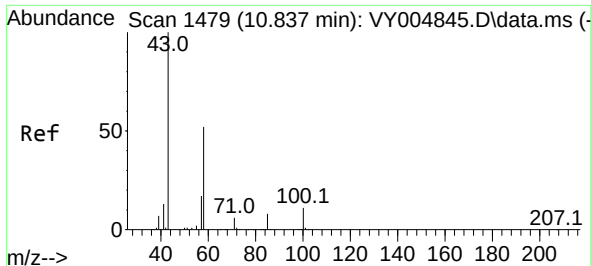
Tgt Ion:	97	Resp:	96181
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.2	82.0
83	89.2	61.1	113.5
85	57.3	40.5	75.3



#46
Tetrachloroethene
Concen: 26.10 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:	164	Resp:	88398
Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.9	122.3
131	88.6	61.9	115.1
166	123.9	85.3	158.3

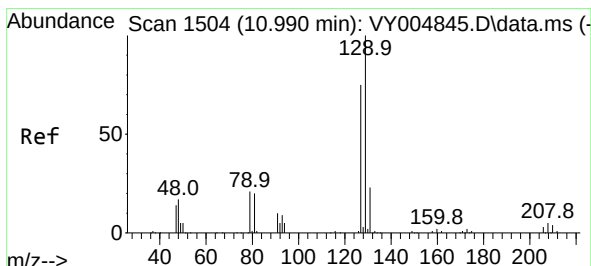
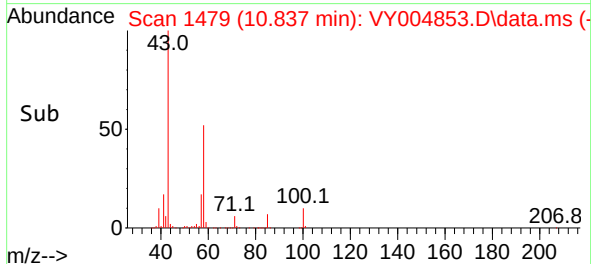
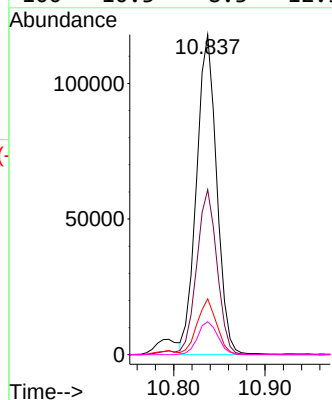
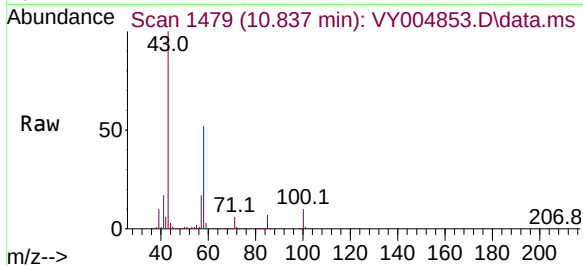




#48
2-Hexanone
Concen: 53.06 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

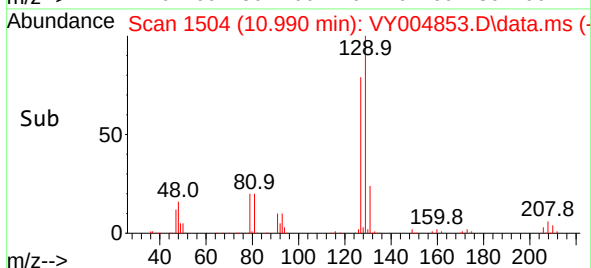
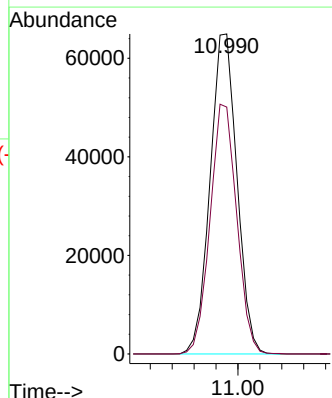
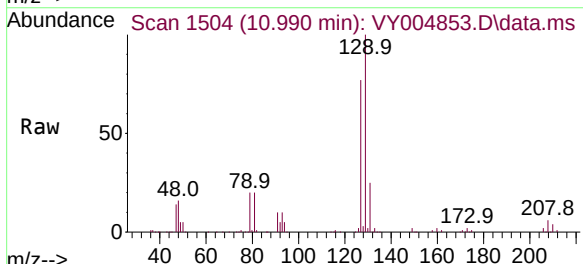
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

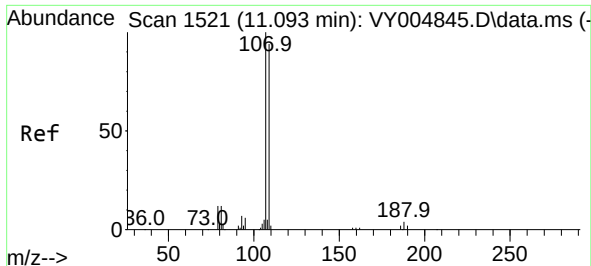
Tgt Ion:	43	Resp:	181202
Ion	Ratio	Lower	Upper
43	100		
58	51.9	41.1	61.7
57	16.9	13.8	20.6
100	10.3	8.3	12.5



#49
Dibromochloromethane
Concen: 26.63 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:	129	Resp:	110666
Ion	Ratio	Lower	Upper
129	100		
127	77.2	52.8	98.0

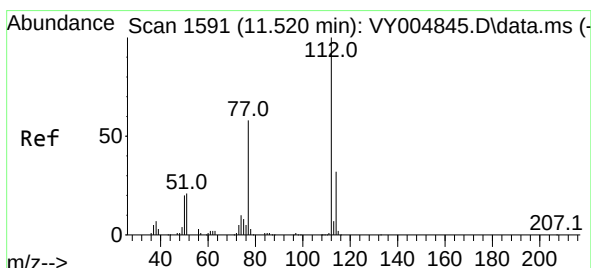
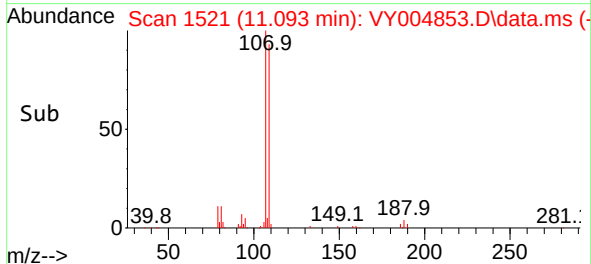
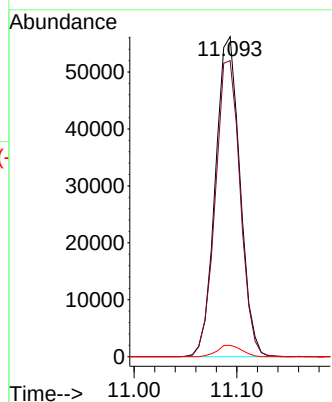
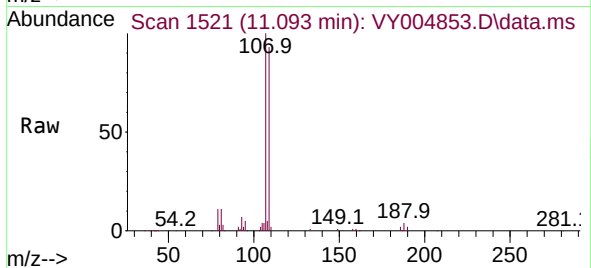




#50
1,2-Dibromoethane
Concen: 26.22 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

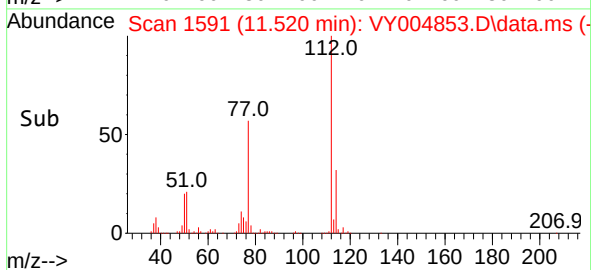
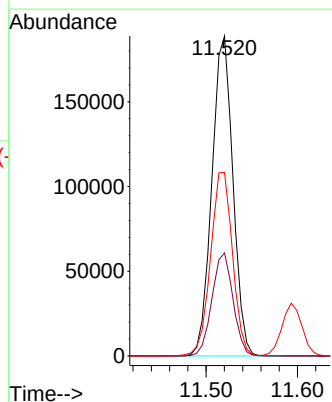
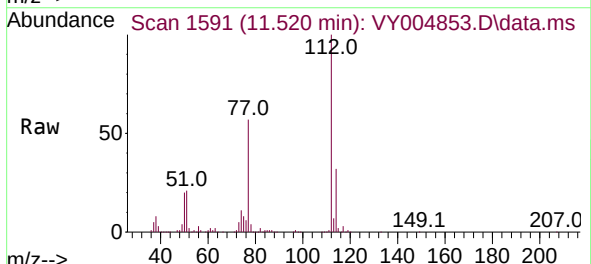
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

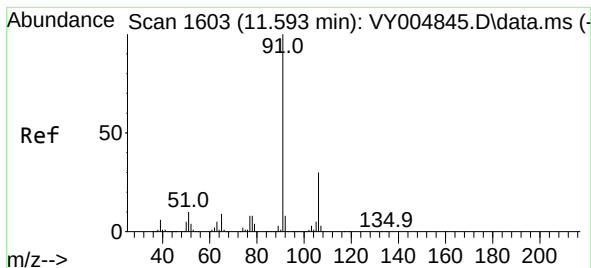
Tgt Ion:107 Resp: 93471
Ion Ratio Lower Upper
107 100
109 92.5 65.7 121.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 25.91 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:112 Resp: 301387
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 57.3 46.5 69.7

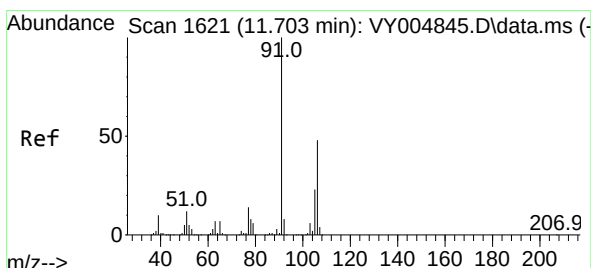
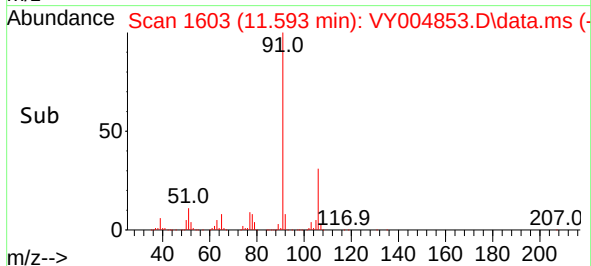
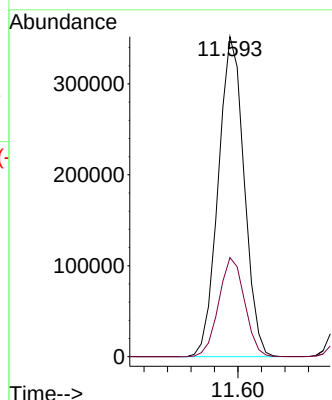
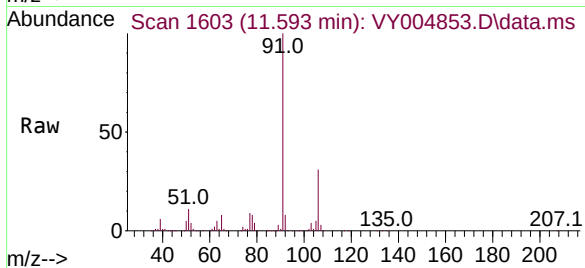




#52
Ethylbenzene
Concen: 26.53 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

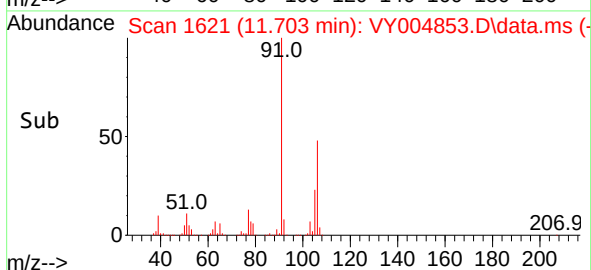
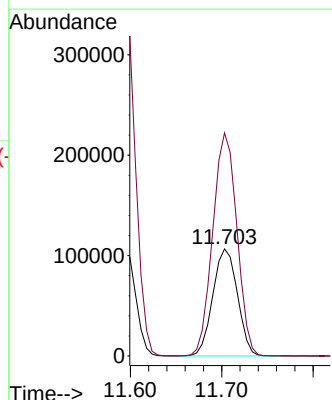
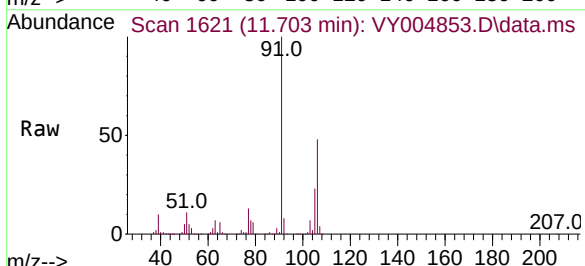
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

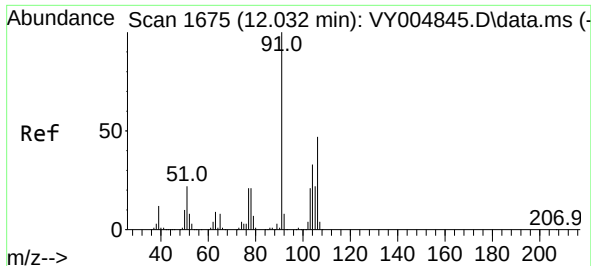
Tgt Ion: 91 Resp: 538229
Ion Ratio Lower Upper
91 100
106 30.9 21.2 39.4



#53
m,p-Xylene
Concen: 26.50 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 106 Resp: 199216
Ion Ratio Lower Upper
106 100
91 208.4 145.7 270.5

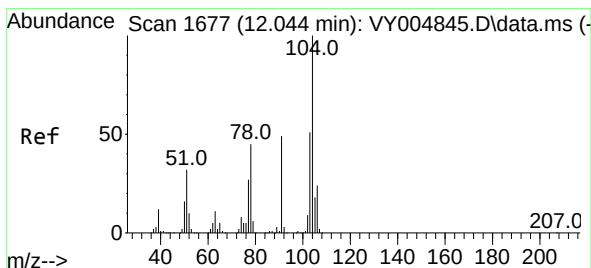
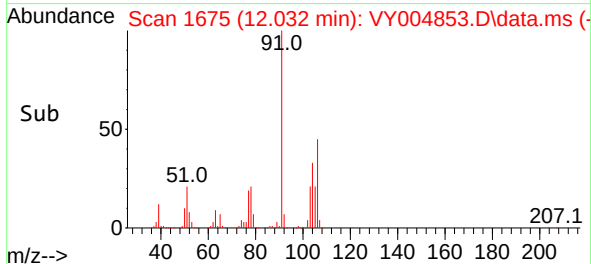
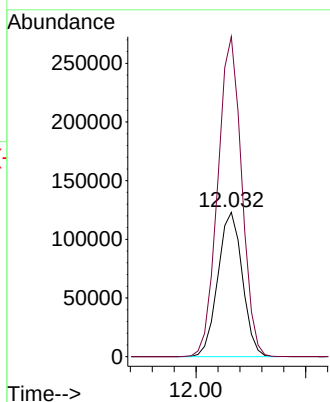
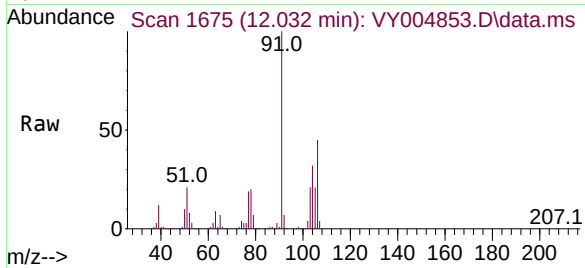




#54
o-Xylene
Concen: 26.65 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

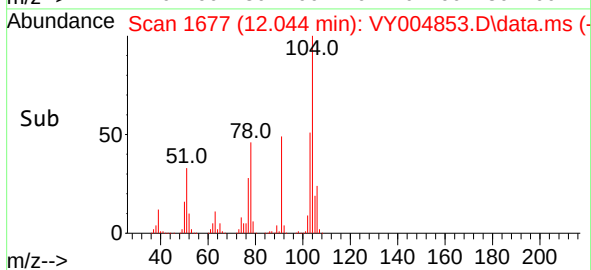
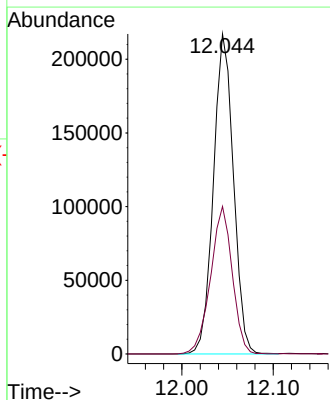
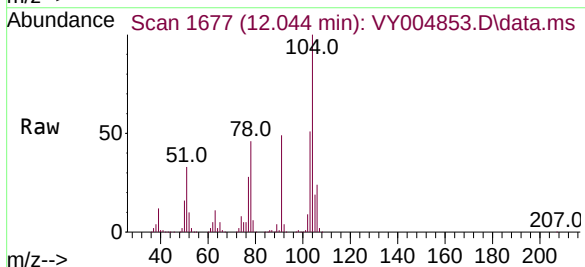
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

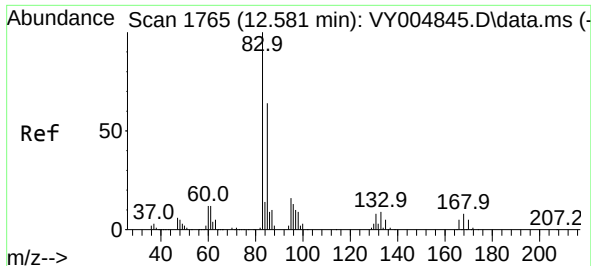
Tgt Ion:106 Resp: 191108
Ion Ratio Lower Upper
106 100
91 221.7 150.6 279.6



#55
Styrene
Concen: 26.83 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:104 Resp: 331422
Ion Ratio Lower Upper
104 100
78 46.1 31.8 59.0

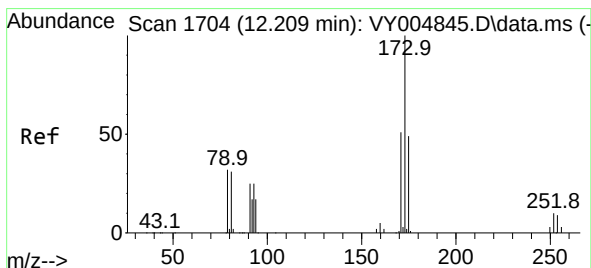
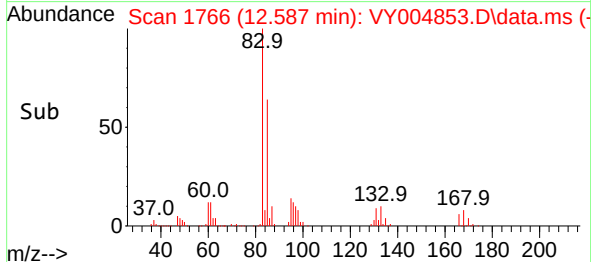
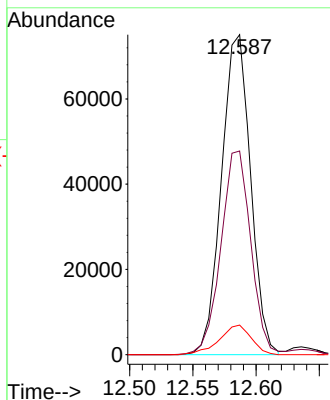
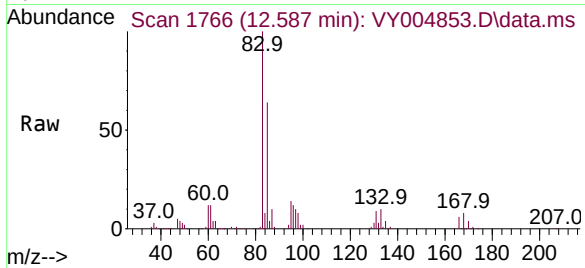




#57
1,1,2,2-Tetrachloroethane
Concen: 26.69 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

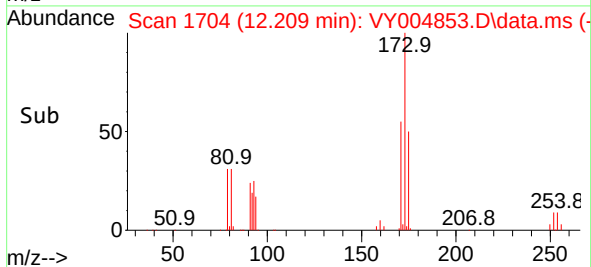
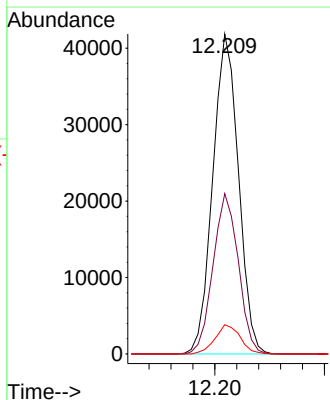
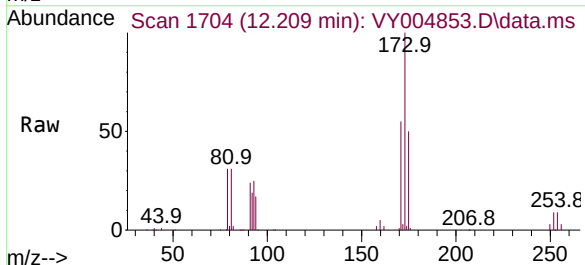
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

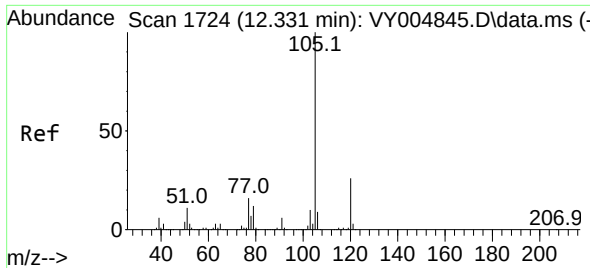
Tgt Ion: 83 Resp: 120154
Ion Ratio Lower Upper
83 100
85 63.6 45.0 83.6
131 9.3 6.9 10.3



#59
Bromoform
Concen: 25.93 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 173 Resp: 68063
Ion Ratio Lower Upper
173 100
175 49.3 38.8 58.2
254 9.0 7.3 10.9

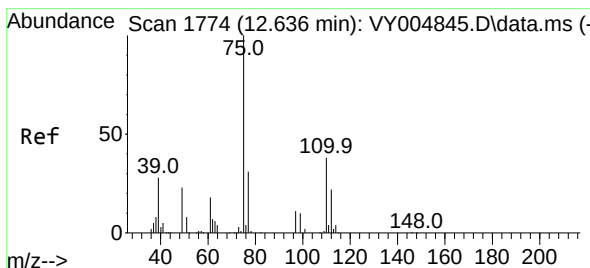
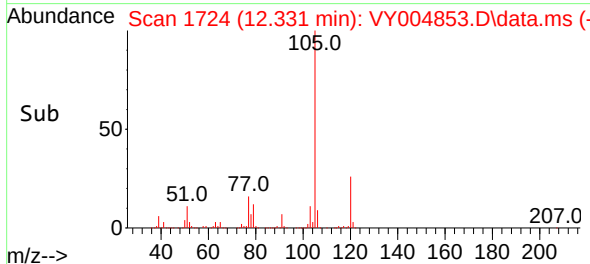
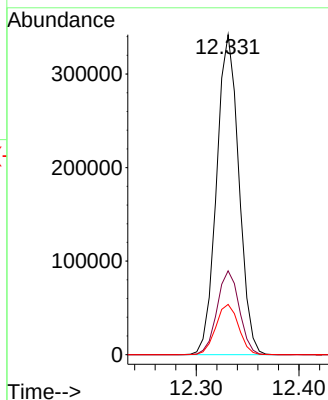
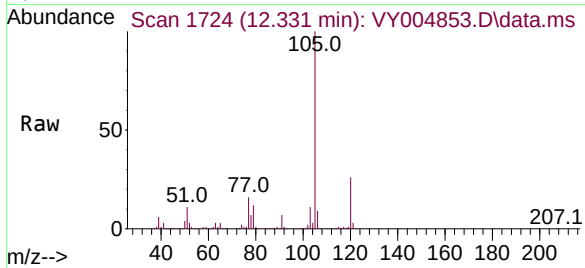




#60
Isopropylbenzene
Concen: 26.54 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

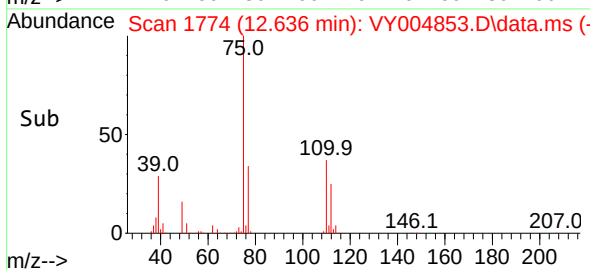
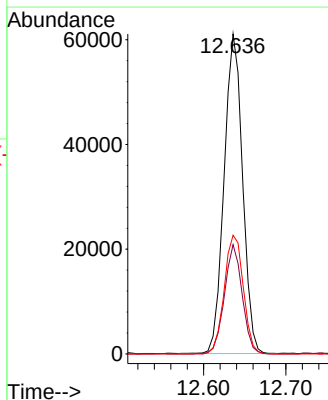
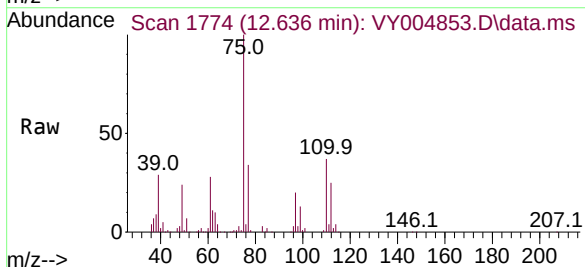
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

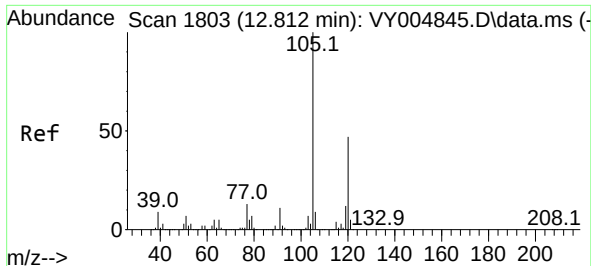
Tgt Ion:	105	Resp:	513953
Ion Ratio	Lower	Upper	
105	100		
120	26.2	21.0	31.6
77	16.1	12.7	19.1



#61
1,2,3-Trichloropropane
Concen: 25.36 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:	75	Resp:	95009
Ion Ratio	Lower	Upper	
75	100		
77	32.9	25.7	38.5
110	38.4	30.8	46.2

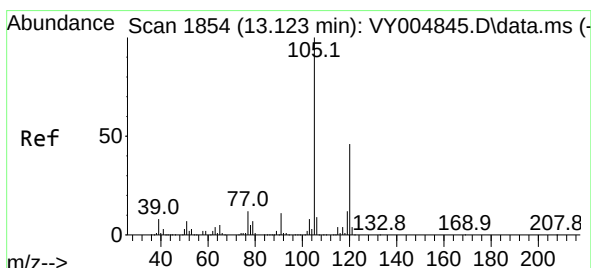
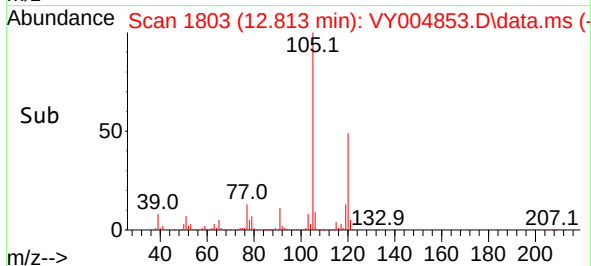
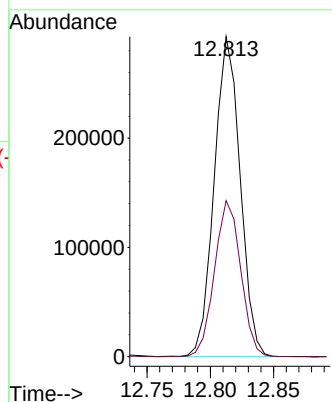
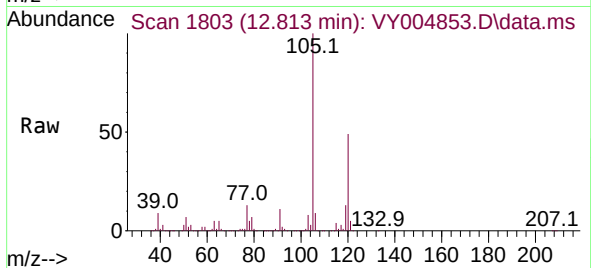




#62
1,3,5-Trimethylbenzene
Concen: 26.81 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

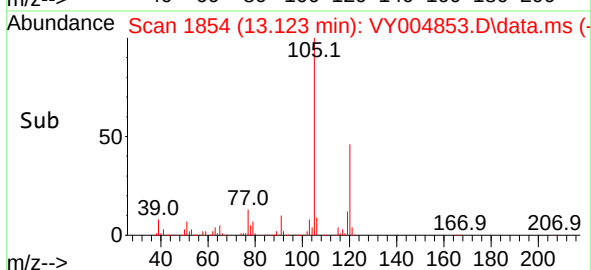
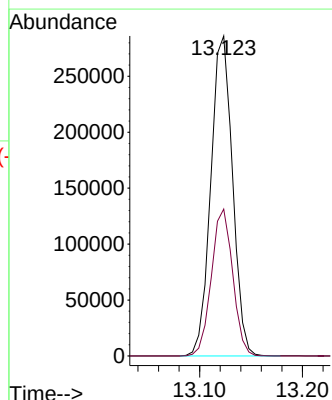
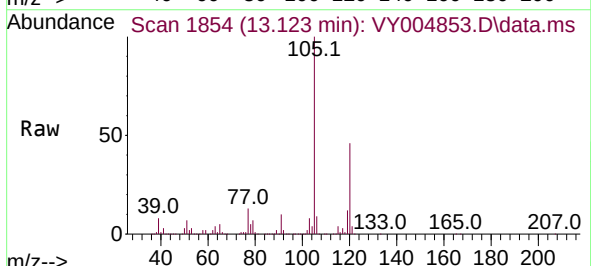
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

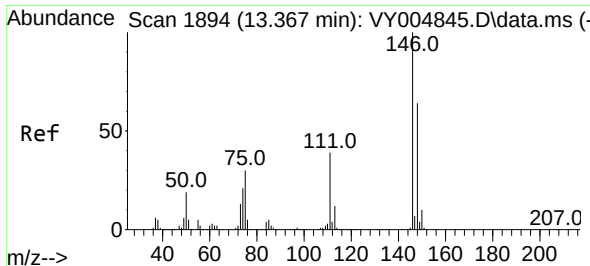
Tgt Ion:105 Resp: 417315
Ion Ratio Lower Upper
105 100
120 49.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 26.98 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:105 Resp: 419227
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.4

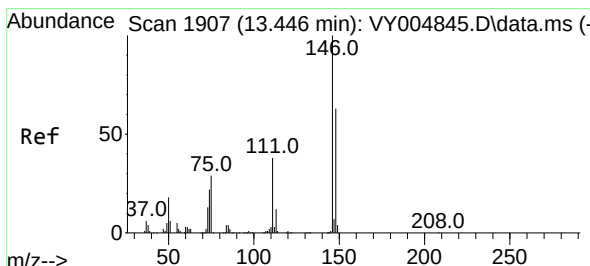
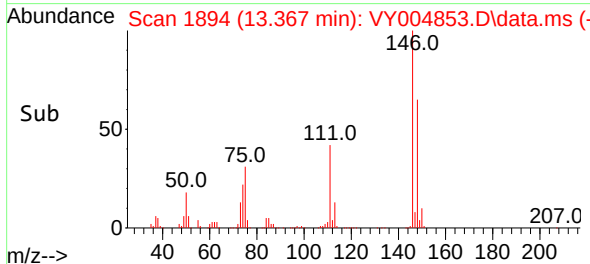
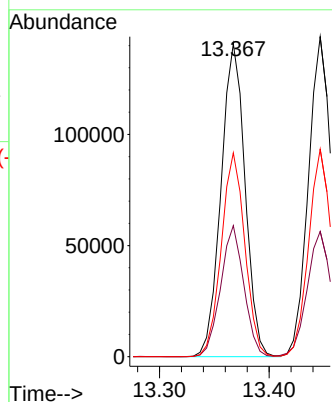
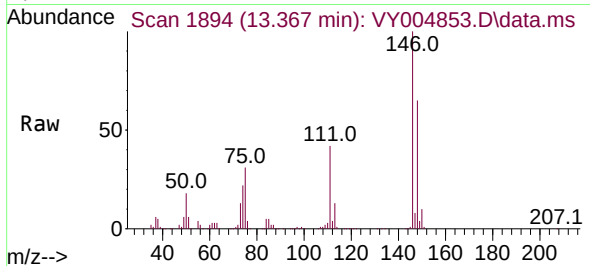




#64
1,3-Dichlorobenzene
Concen: 26.01 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

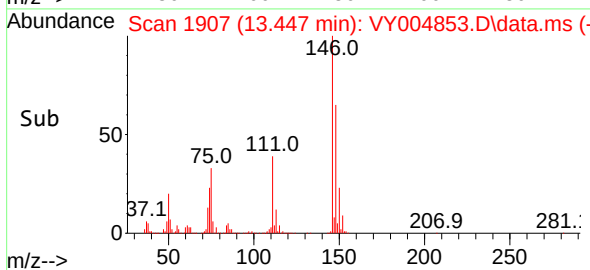
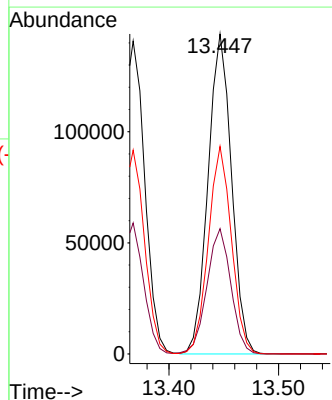
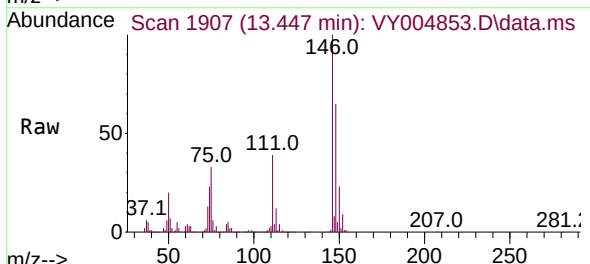
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

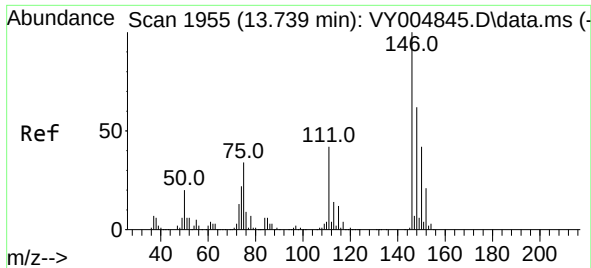
Tgt Ion:146 Resp: 214511
Ion Ratio Lower Upper
146 100
111 41.9 27.4 51.0
148 65.2 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 25.67 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:146 Resp: 214361
Ion Ratio Lower Upper
146 100
111 39.1 26.4 49.0
148 64.9 44.3 82.3

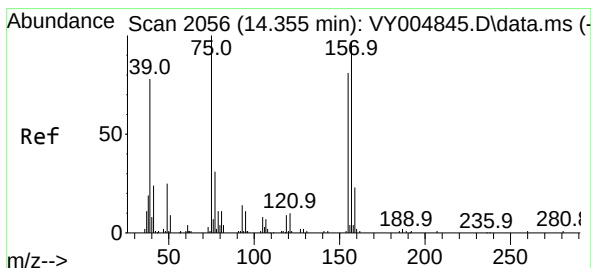
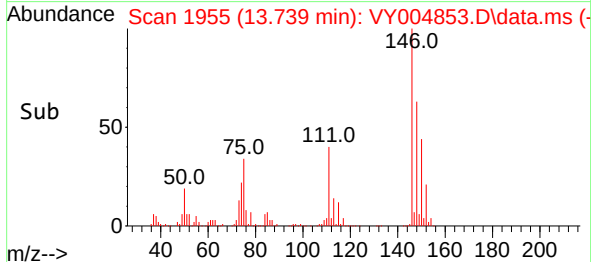
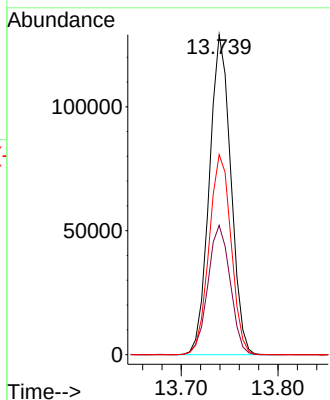
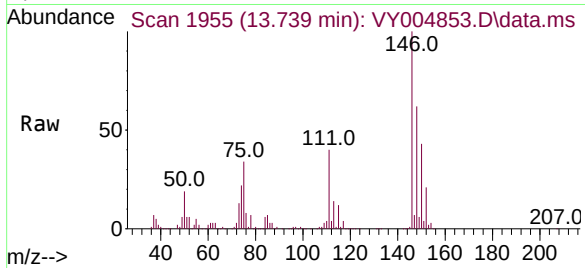




#67
1,2-Dichlorobenzene
Concen: 26.07 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

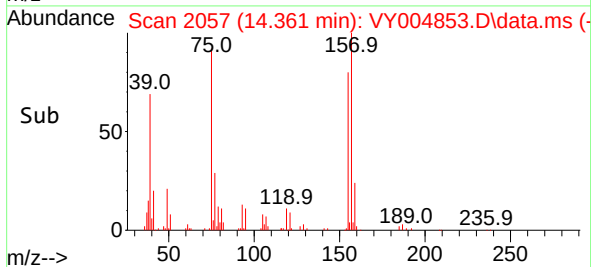
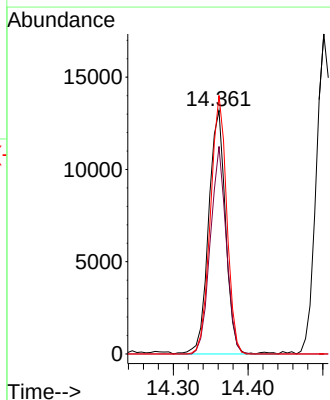
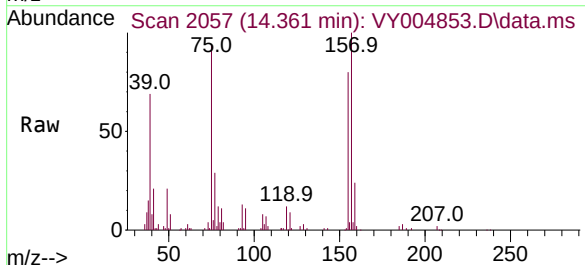
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

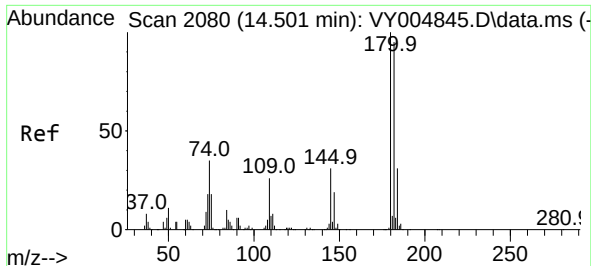
Tgt Ion:146 Resp: 199380
Ion Ratio Lower Upper
146 100
111 40.4 33.9 50.9
148 62.5 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.33 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion: 75 Resp: 20732
Ion Ratio Lower Upper
75 100
155 85.3 64.5 96.7
157 106.2 77.4 116.2

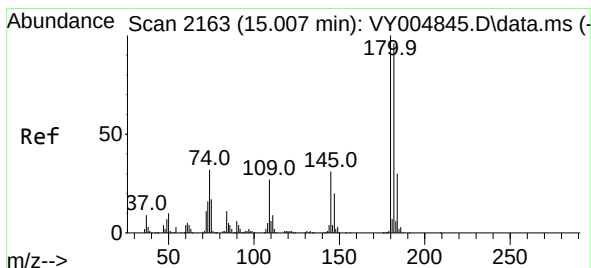
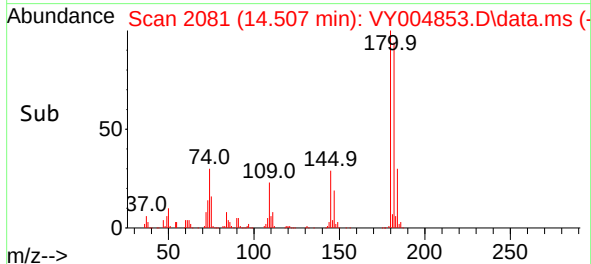
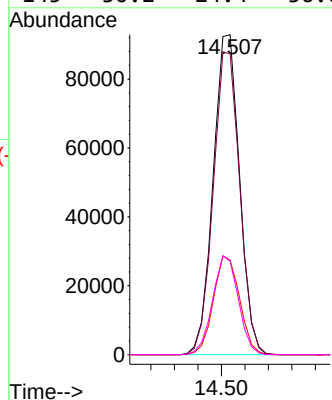
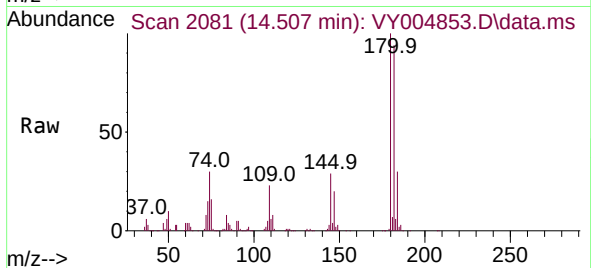




#69
1,3,5-Trichlorobenzene
Concen: 26.09 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

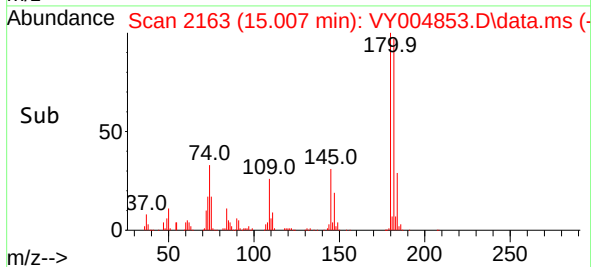
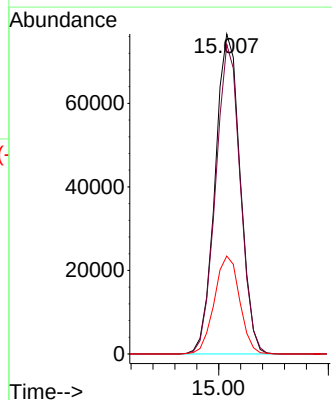
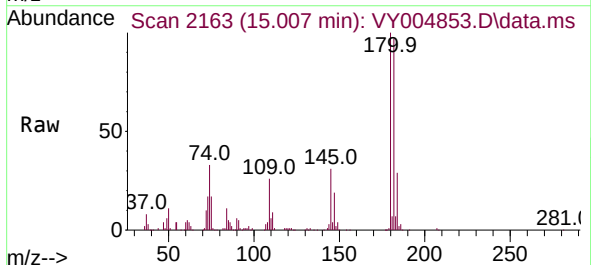
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

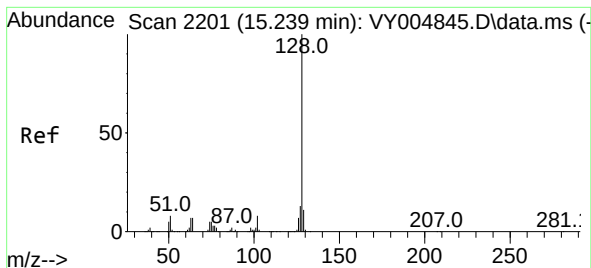
Tgt Ion:180 Resp: 144771
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
184 30.6 24.6 36.8
145 30.2 24.4 36.6



#70
1,2,4-trichlorobenzene
Concen: 26.21 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:180 Resp: 121708
Ion Ratio Lower Upper
180 100
182 95.0 76.4 114.6
145 30.8 25.0 37.6

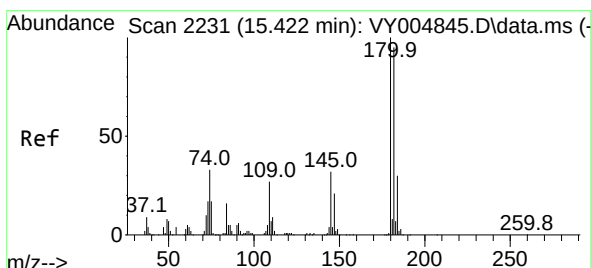
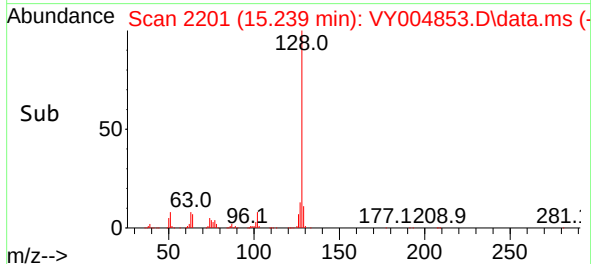
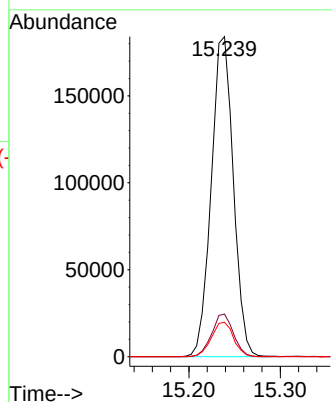
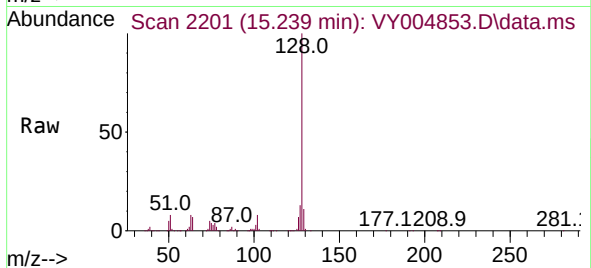




#71
Naphthalene
Concen: 26.40 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025140

Tgt Ion:128 Resp: 308933
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.06 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY004853.D
Acq: 20 May 2021 10:14

Tgt Ion:180 Resp: 109897
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 31.8 25.8 38.8

