

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052021\
 Data File : VY004856.D
 Acq On : 20 May 2021 13:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025141

Quant Time: May 21 04:38:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 21 04:37:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	316724	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	282125	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	135188	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	125887	24.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.56%			
7) Chloroethane-d5	2.765	69	93505	24.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.36%			
11) 1,1-Dichloroethene-d2	3.863	63	223871	24.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.68%			
21) 2-Butanone-d5	6.899	46	109186	51.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.00%			
24) Chloroform-d	7.484	84	209149	25.74	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.96%			
26) 1,2-Dichloroethane-d4	8.149	65	130636	25.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.04%			
32) Benzene-d6	8.112	84	447094	26.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.84%			
36) 1,2-Dichloropropane-d6	9.124	67	146524	26.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.92%			
41) Toluene-d8	10.179	98	405860	26.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.84%			
43) trans-1,3-Dichloroprop...	10.441	79	67126	25.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.96%			
47) 2-Hexanone-d5	10.788	63	78392	52.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.70%			
56) 1,1,2,2-Tetrachloroeth...	12.562	84	125591	25.99	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.96%			
66) 1,2-Dichlorobenzene-d4	13.727	152	122953	25.16	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.64%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	105126	24.89	ug/L	99
3) Chloromethane	2.119	50	128713	24.87	ug/L	98
5) Vinyl chloride	2.253	62	135887	24.57	ug/L	99
6) Bromomethane	2.656	94	59119	27.21	ug/L	99
8) Chloroethane	2.802	64	81297	25.23	ug/L	96
9) Trichlorofluoromethane	3.131	101	177831	25.15	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.899	101	107712	25.64	ug/L	99
12) 1,1-Dichloroethene	3.875	96	99006	25.30	ug/L	86
13) Acetone	3.960	43	62604	49.48	ug/L	99
14) Carbon disulfide	4.198	76	328104	26.07	ug/L	99
15) Methyl Acetate	4.485	43	89825	25.46	ug/L	99
16) Methylene chloride	4.722	84	128429	23.63	ug/L	99
17) trans-1,2-Dichloroethene	5.228	96	109563	25.82	ug/L	97
18) Methyl tert-butyl Ether	5.228	73	321901	26.41	ug/L	100
19) 1,1-Dichloroethane	6.021	63	212507	26.25	ug/L	98
20) cis-1,2-Dichloroethene	6.990	96	119410	26.16	ug/L	100
22) 2-Butanone	6.996	43	114938	52.47	ug/L	100
23) Bromochloromethane	7.338	128	56560	26.29	ug/L	97
25) Chloroform	7.515	83	216505	26.10	ug/L	98

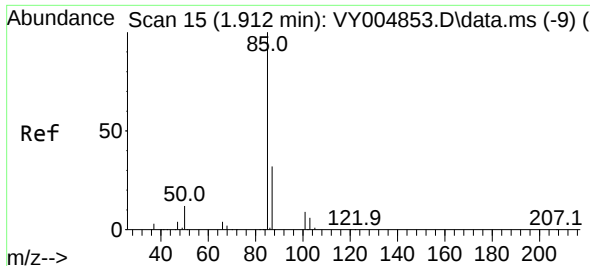
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052021\
 Data File : VY004856.D
 Acq On : 20 May 2021 13:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025141

Quant Time: May 21 04:38:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 21 04:37:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	151930	26.52	ug/L	99
29) Cyclohexane	7.789	56	195566	26.73	ug/L	99
30) 1,1,1-Trichloroethane	7.704	97	181444	27.30	ug/L	99
31) Carbon tetrachloride	7.905	117	144730	27.62	ug/L	99
33) Benzene	8.167	78	472085	27.12	ug/L	100
34) Trichloroethene	8.941	95	118778	27.00	ug/L	98
35) Methylcyclohexane	9.185	83	198785	26.89	ug/L	99
37) 1,2-Dichloropropane	9.222	63	126503	27.22	ug/L	99
38) Bromodichloromethane	9.496	83	160431	28.03	ug/L	97
39) cis-1,3-Dichloropropene	9.929	75	200716	27.84	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	267651	54.05	ug/L	99
42) Toluene	10.246	91	505872	27.48	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	177763	26.55	ug/L	99
45) 1,1,2-Trichloroethane	10.648	97	94417	26.17	ug/L	99
46) Tetrachloroethene	10.721	164	82898	25.01	ug/L	97
48) 2-Hexanone	10.837	43	181082	54.18	ug/L	100
49) Dibromochloromethane	10.990	129	106699	26.24	ug/L	99
50) 1,2-Dibromoethane	11.093	107	92197	26.43	ug/L	98
51) Chlorobenzene	11.520	112	294599	25.88	ug/L	100
52) Ethylbenzene	11.593	91	516679	26.02	ug/L	100
53) m,p-Xylene	11.703	106	191057	25.97	ug/L	99
54) o-Xylene	12.032	106	185742	26.47	ug/L	99
55) Styrene	12.044	104	323529	26.76	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	117630	26.70	ug/L	100
59) Bromoform	12.209	173	68406	26.54	ug/L	99
60) Isopropylbenzene	12.331	105	497380	26.16	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	93474	25.42	ug/L	100
62) 1,3,5-Trimethylbenzene	12.812	105	404788	26.49	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	410701	26.93	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	211493	26.12	ug/L	98
65) 1,4-Dichlorobenzene	13.446	146	208755	25.46	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	194376	25.89	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.361	75	20128	24.06	ug/L	94
69) 1,3,5-Trichlorobenzene	14.501	180	140318	25.76	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	115441	25.32	ug/L	98
71) Naphthalene	15.239	128	301600	26.26	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	105514	25.49	ug/L	99

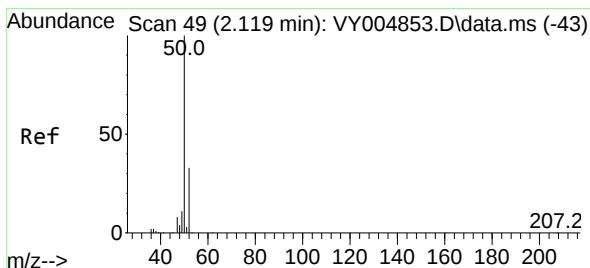
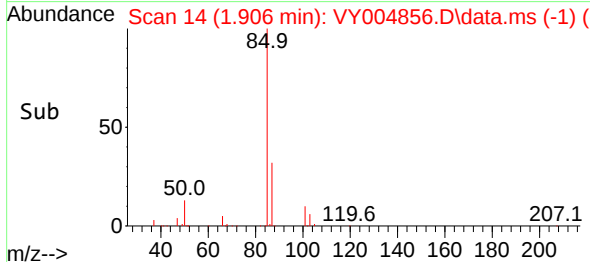
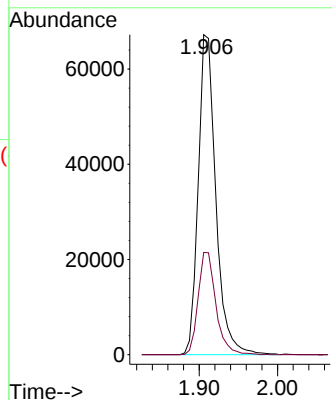
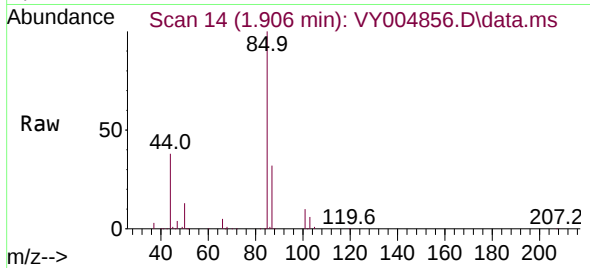
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 24.89 ug/L
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

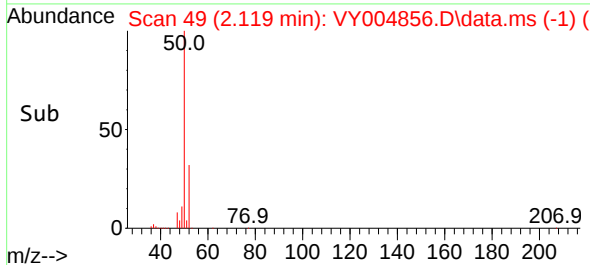
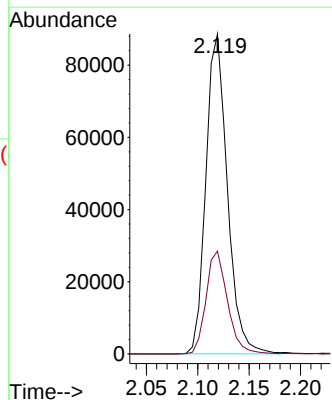
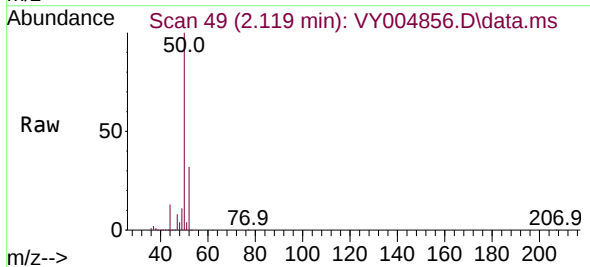
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

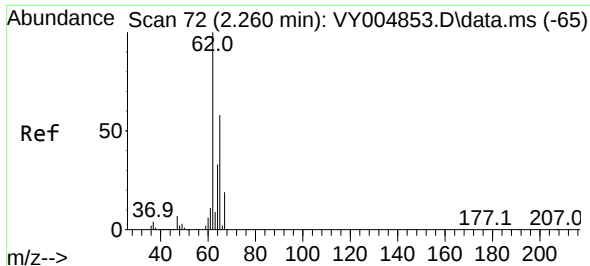
Tgt Ion: 85 Resp: 105126
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2



#3
Chloromethane
Concen: 24.87 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 50 Resp: 128713
Ion Ratio Lower Upper
50 100
52 32.2 21.8 40.4

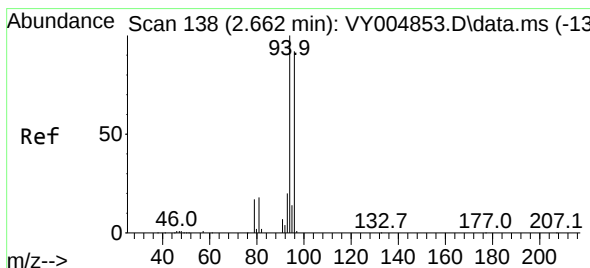
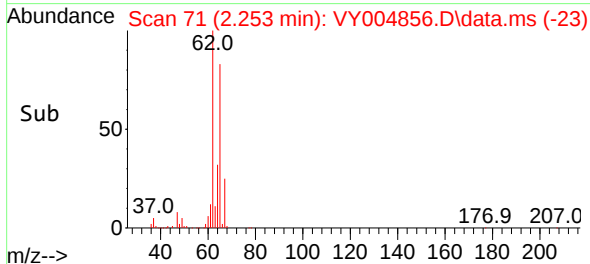
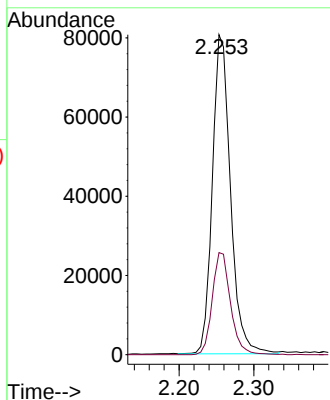
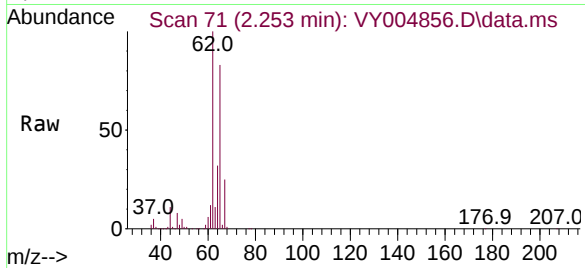




#5
 Vinyl chloride
 Concen: 24.57 ug/L
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY004856.D
 Acq: 20 May 2021 13:43

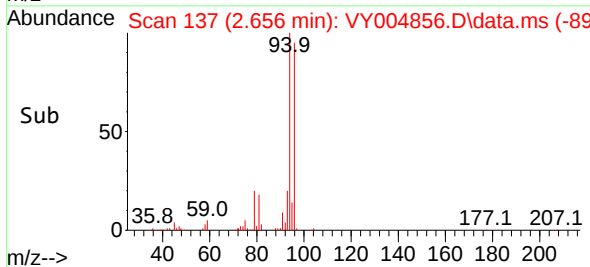
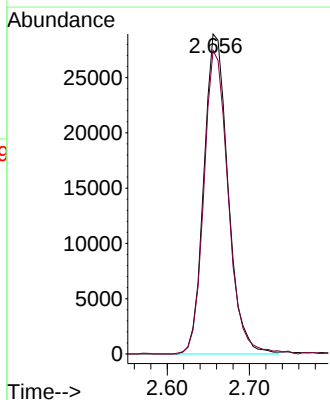
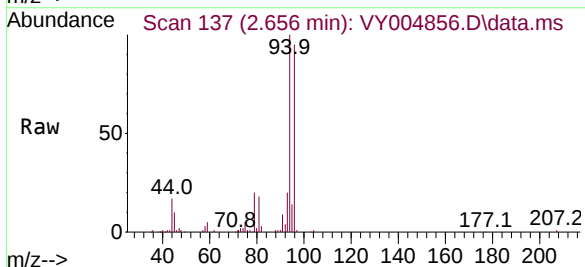
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025141

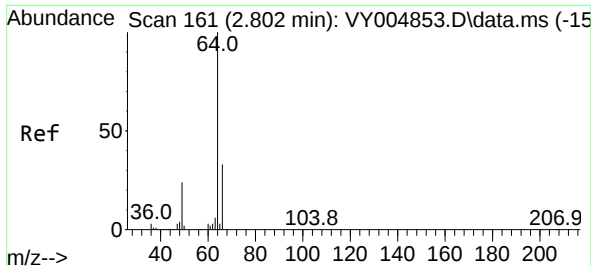
Tgt Ion: 62 Resp: 135887
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



#6
 Bromomethane
 Concen: 27.21 ug/L
 RT: 2.656 min Scan# 137
 Delta R.T. -0.006 min
 Lab File: VY004856.D
 Acq: 20 May 2021 13:43

Tgt Ion: 94 Resp: 59119
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.9 122.5

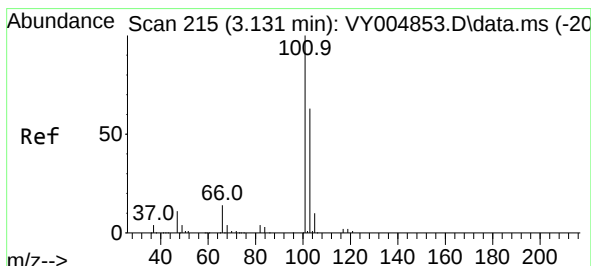
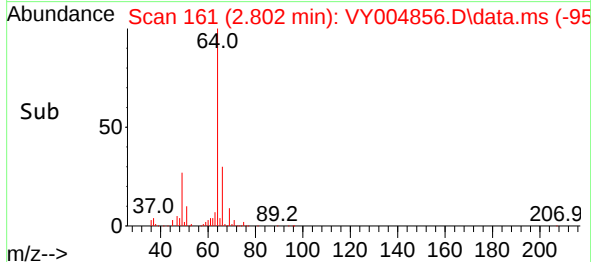
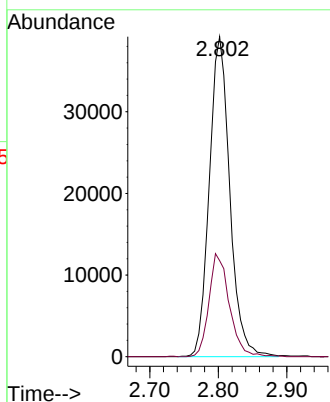
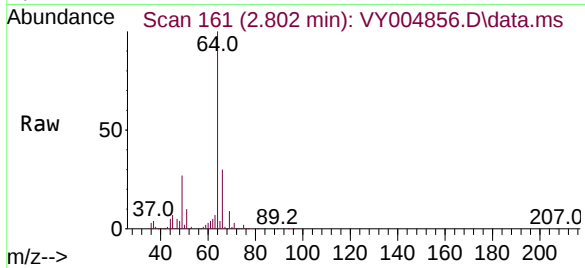




#8
Chloroethane
Concen: 25.23 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

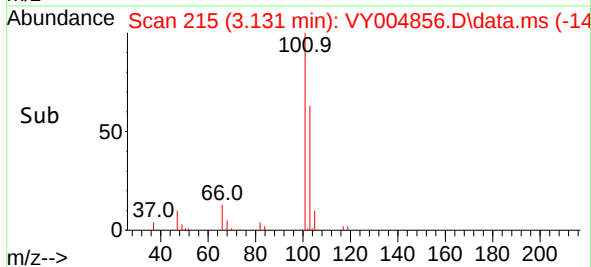
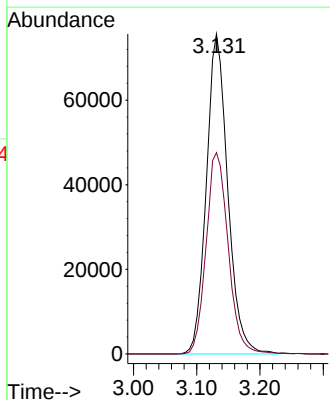
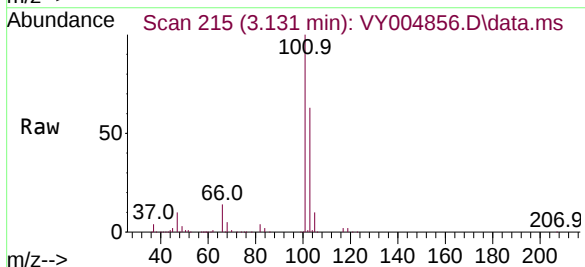
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

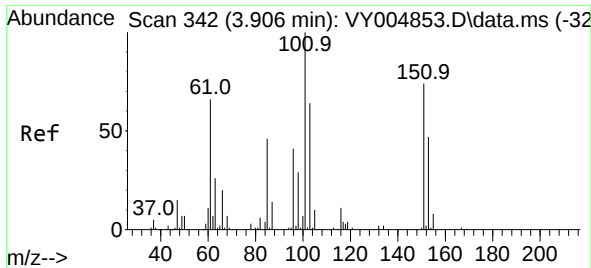
Tgt Ion: 64 Resp: 81297
Ion Ratio Lower Upper
64 100
66 30.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 25.15 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 101 Resp: 177831
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

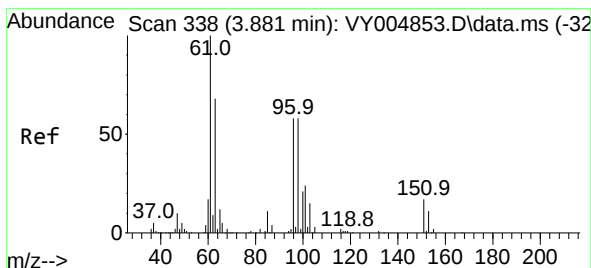
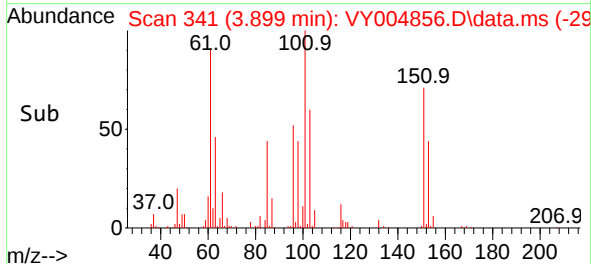
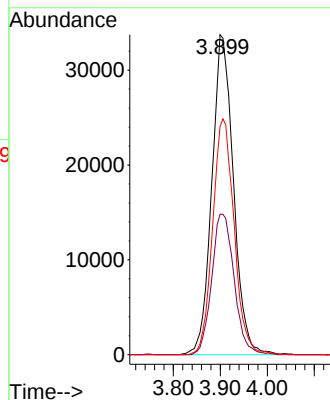
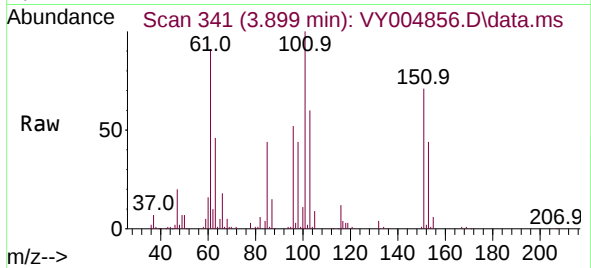




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.64 ug/L
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

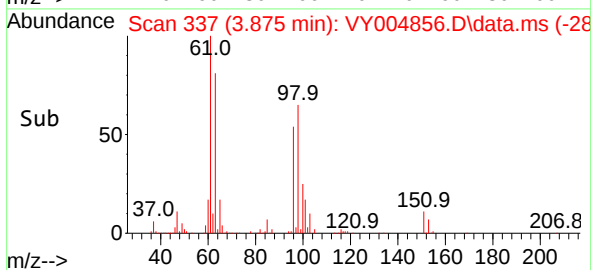
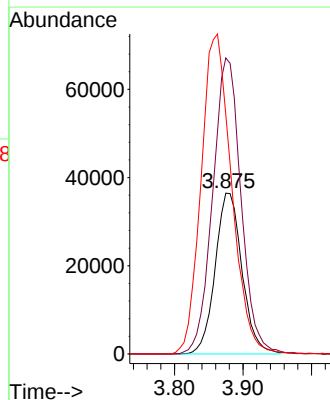
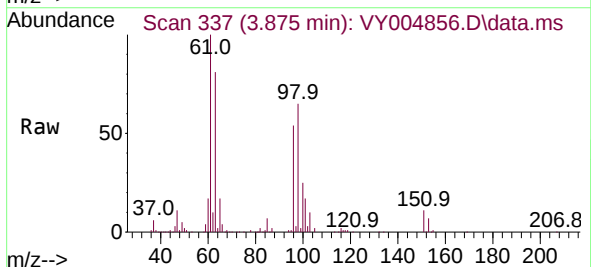
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

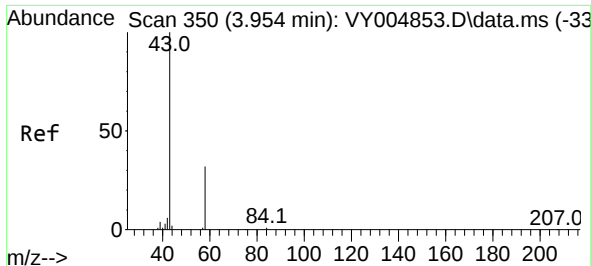
Tgt Ion:101 Resp: 107712
Ion Ratio Lower Upper
101 100
85 45.4 36.6 54.8
151 73.0 59.0 88.4



#12
1,1-Dichloroethene
Concen: 25.30 ug/L
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 96 Resp: 99006
Ion Ratio Lower Upper
96 100
61 184.2 121.2 225.2
63 148.9 86.9 161.3

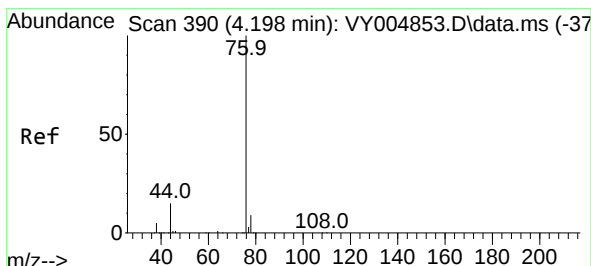
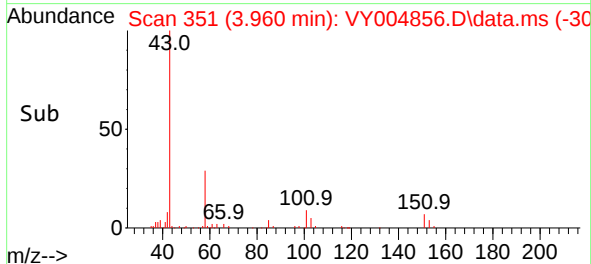
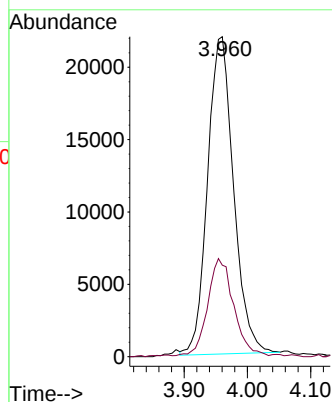
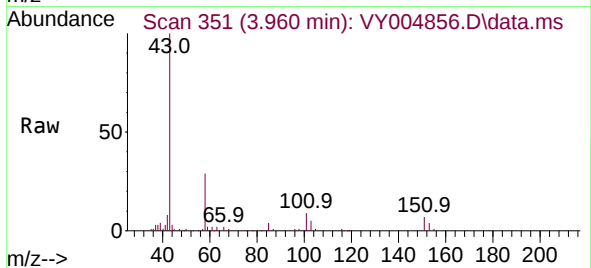




#13
Acetone
Concen: 49.48 ug/L
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

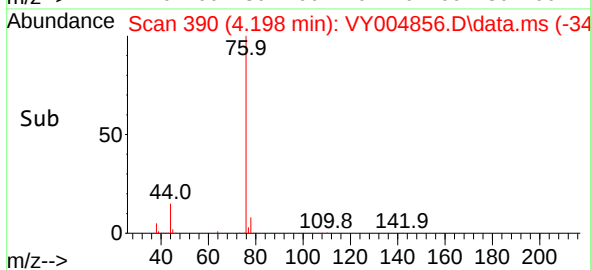
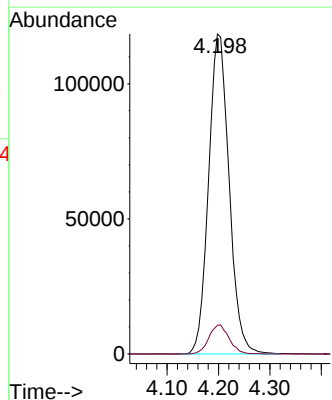
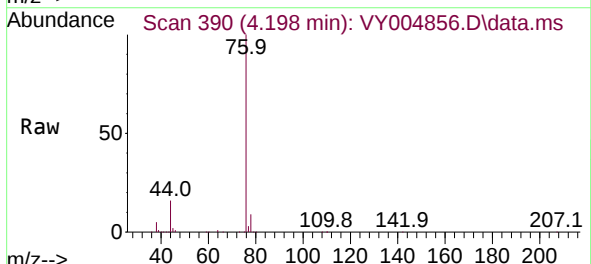
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

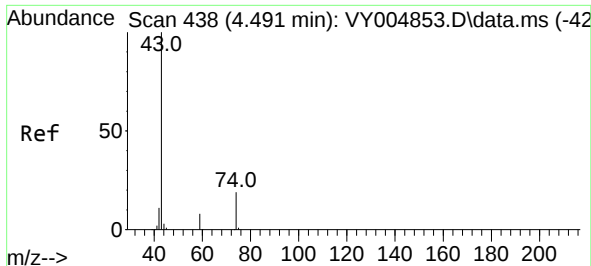
Tgt Ion: 43 Resp: 62604
Ion Ratio Lower Upper
43 100
58 30.9 0.0 61.0



#14
Carbon disulfide
Concen: 26.07 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 76 Resp: 328104
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

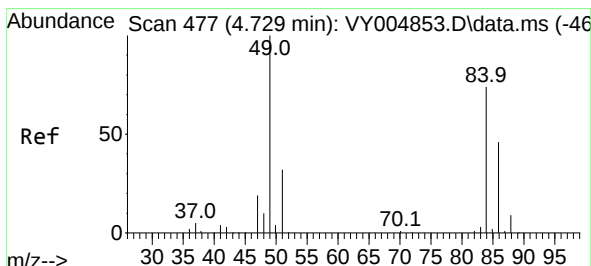
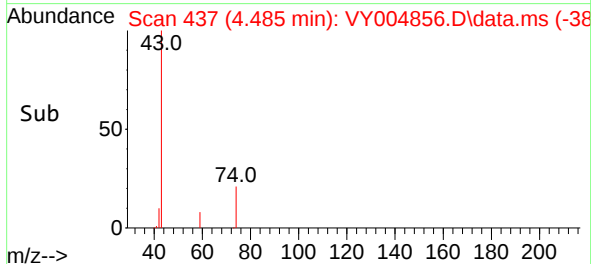
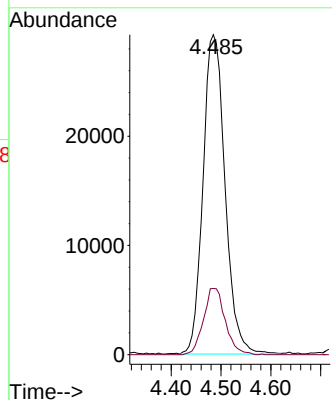
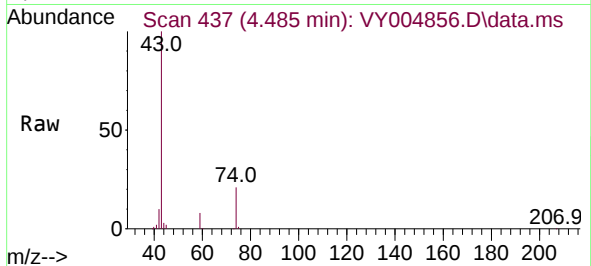




#15
Methyl Acetate
Concen: 25.46 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

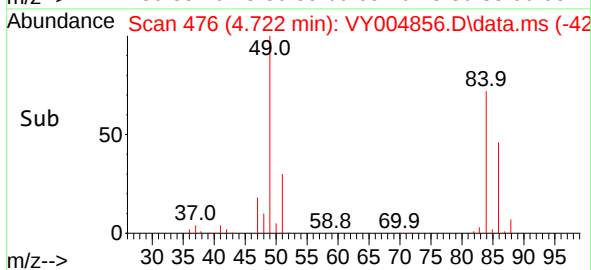
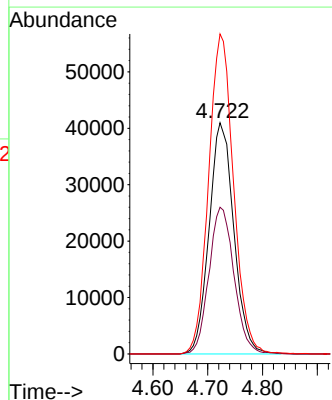
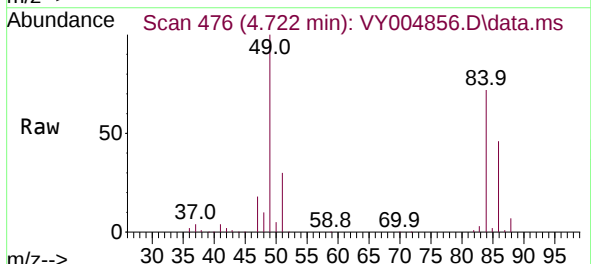
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

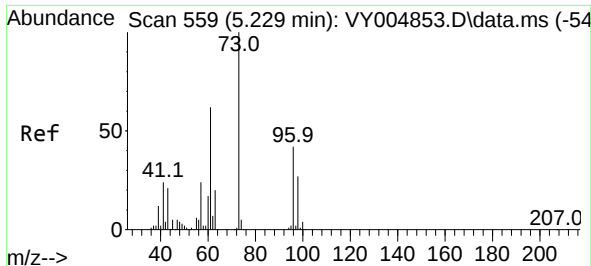
Tgt Ion: 43 Resp: 89825
Ion Ratio Lower Upper
43 100
74 20.4 16.7 25.1



#16
Methylene chloride
Concen: 23.63 ug/L
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 84 Resp: 128429
Ion Ratio Lower Upper
84 100
86 63.4 43.2 80.2
49 138.4 96.0 178.4





#17

trans-1,2-Dichloroethene

Concen: 25.82 ug/L

RT: 5.228 min Scan# 559

Delta R.T. -0.000 min

Lab File: VY004856.D

Acq: 20 May 2021 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025141

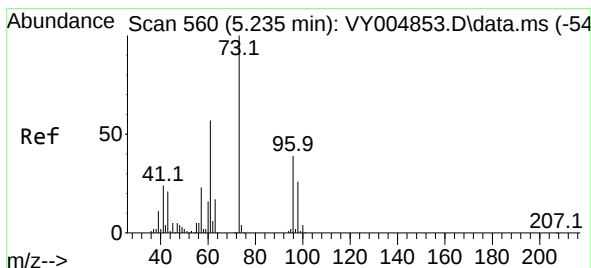
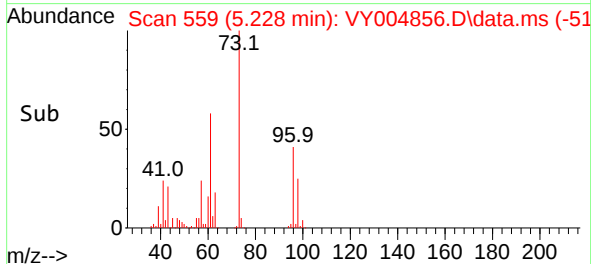
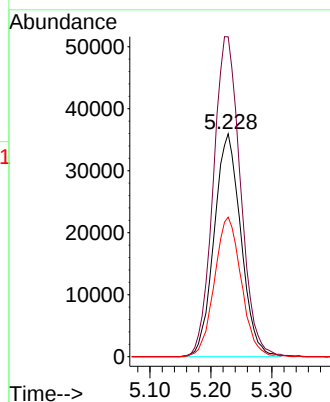
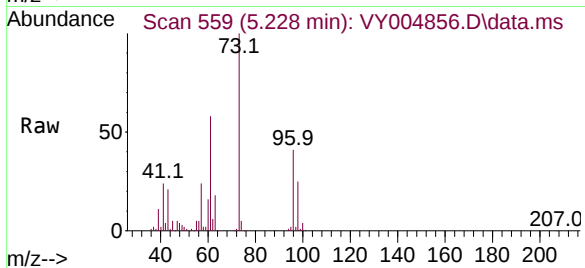
Tgt Ion: 96 Resp: 109563

Ion Ratio Lower Upper

96 100

61 143.5 97.6 181.2

98 62.6 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 26.41 ug/L

RT: 5.228 min Scan# 559

Delta R.T. -0.006 min

Lab File: VY004856.D

Acq: 20 May 2021 13:43

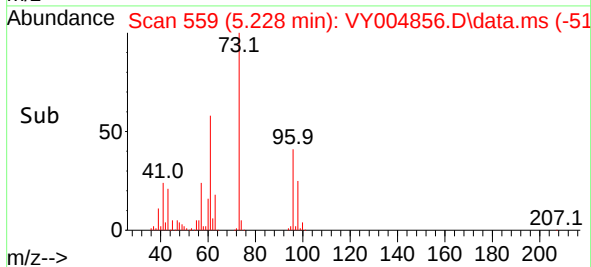
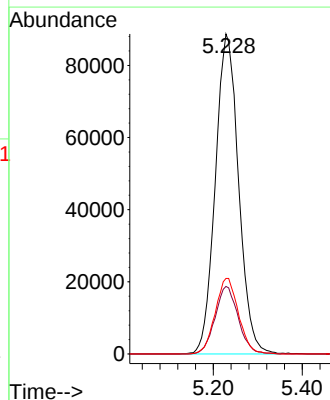
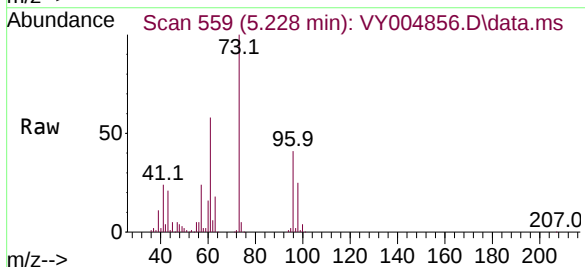
Tgt Ion: 73 Resp: 321901

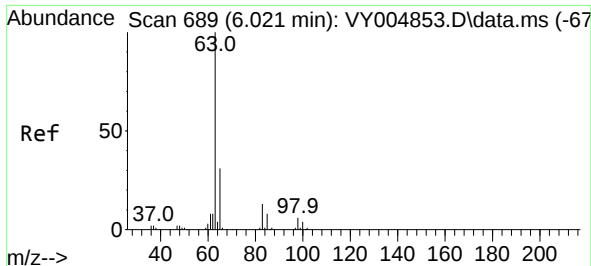
Ion Ratio Lower Upper

73 100

43 21.0 16.8 25.2

57 23.6 18.7 28.1





#19

1,1-Dichloroethane

Concen: 26.25 ug/L

RT: 6.021 min Scan# 689

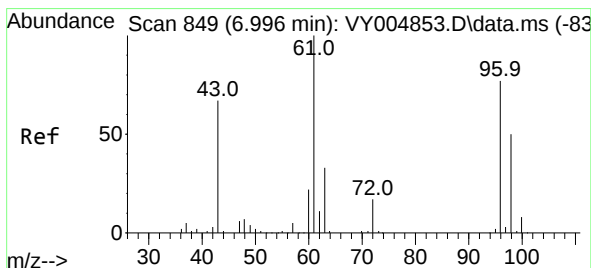
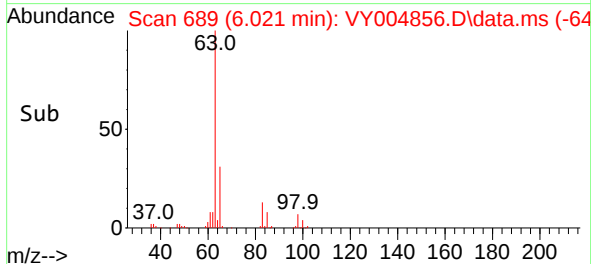
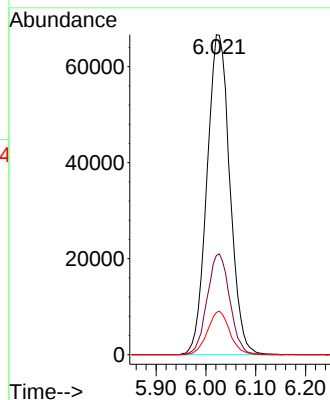
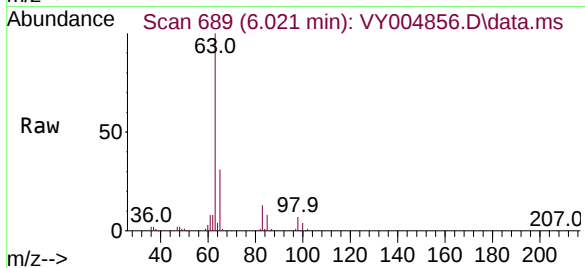
Delta R.T. -0.000 min

Lab File: VY004856.D

Acq: 20 May 2021 13:43

Tgt Ion:	63	Resp:	212507
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.4	41.6
83	13.2	9.5	17.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141



#20

cis-1,2-Dichloroethene

Concen: 26.16 ug/L

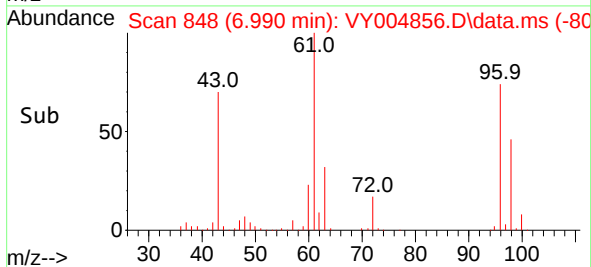
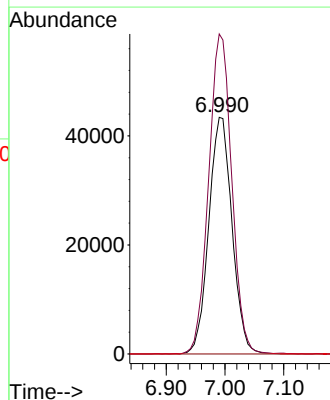
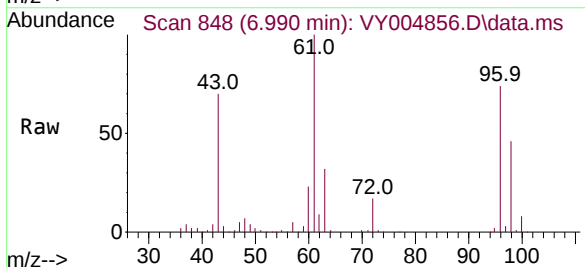
RT: 6.990 min Scan# 848

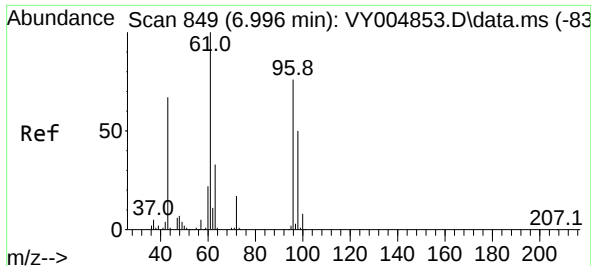
Delta R.T. -0.006 min

Lab File: VY004856.D

Acq: 20 May 2021 13:43

Tgt Ion:	96	Resp:	119410
Ion	Ratio	Lower	Upper
96	100		
61	135.2	94.8	176.2
68	0.0	0.0	0.0

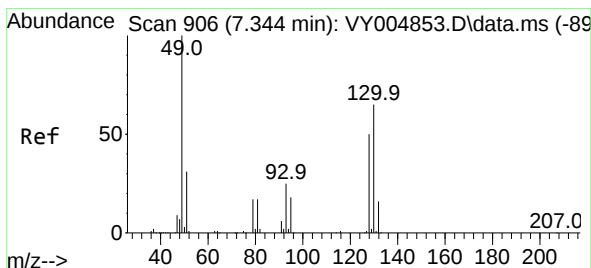
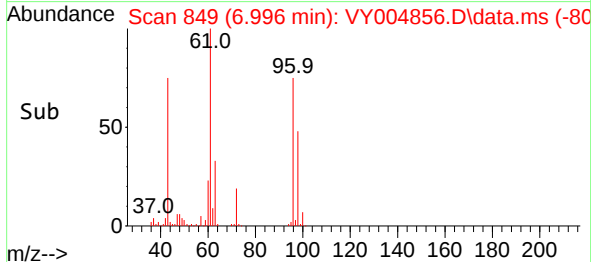
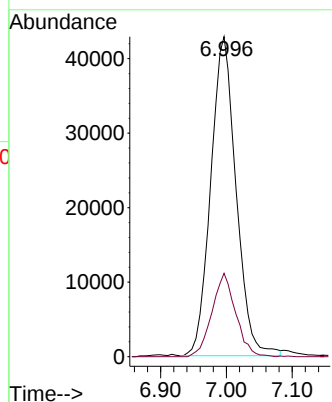
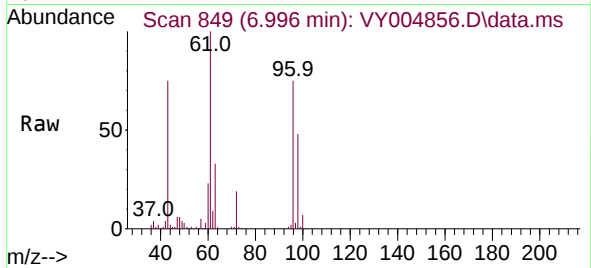




#22
2-Butanone
Concen: 52.47 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

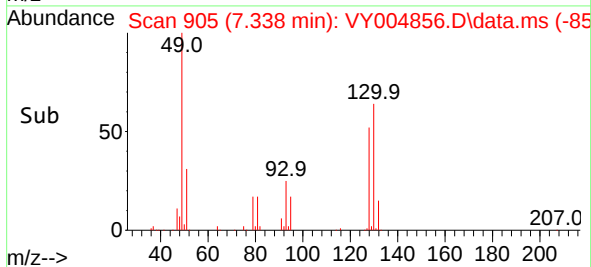
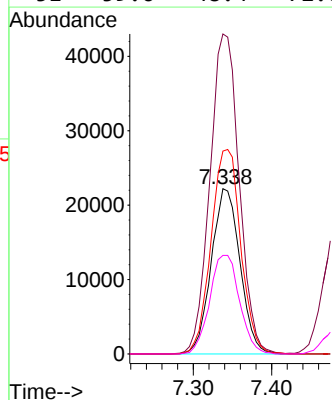
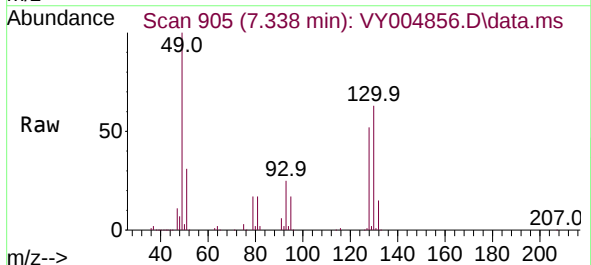
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

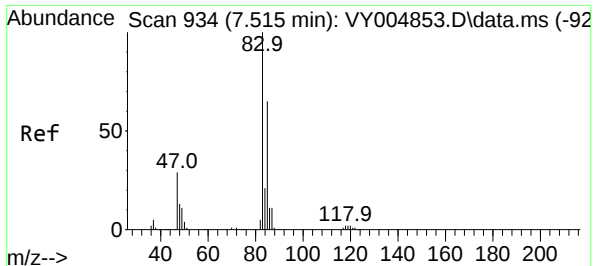
Tgt Ion: 43 Resp: 114938
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6



#23
Bromochloromethane
Concen: 26.29 ug/L
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 128 Resp: 56560
Ion Ratio Lower Upper
128 100
49 193.6 138.9 258.1
130 122.7 88.3 164.1
51 59.6 48.4 72.6





#25

Chloroform

Concen: 26.10 ug/L

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY004856.D

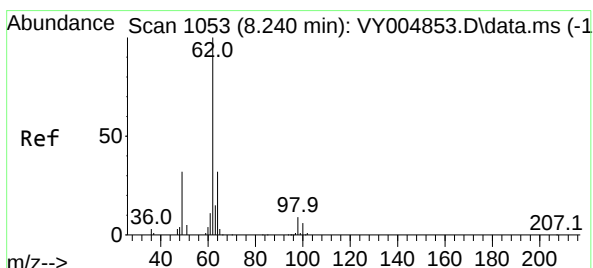
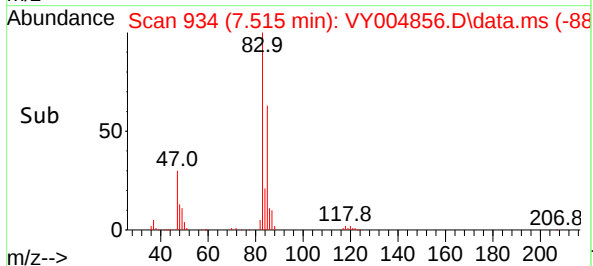
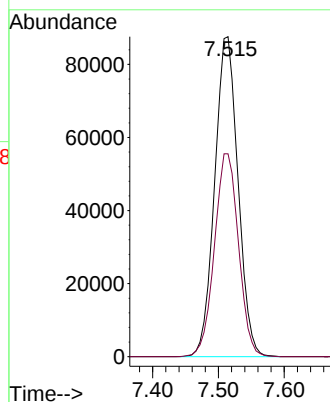
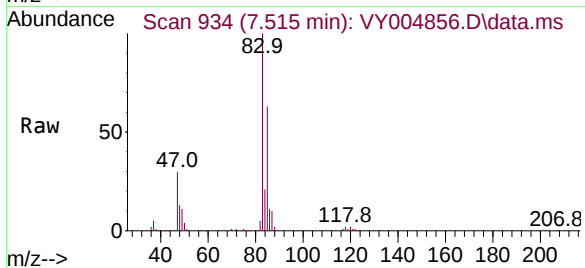
Acq: 20 May 2021 13:43

Tgt Ion: 83 Resp: 216505

Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 26.52 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VY004856.D

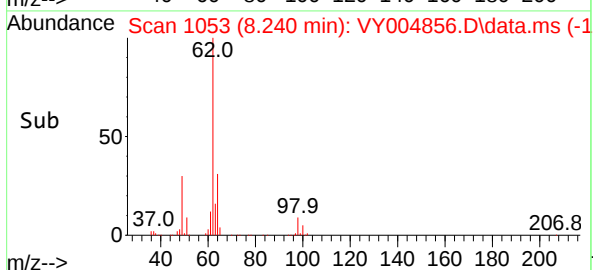
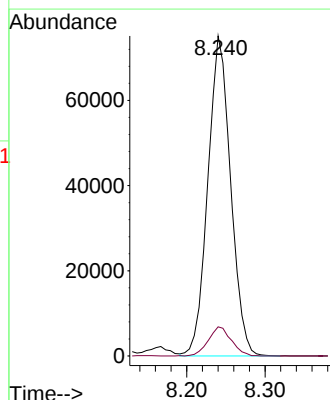
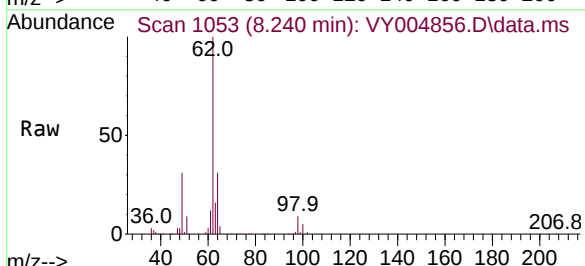
Acq: 20 May 2021 13:43

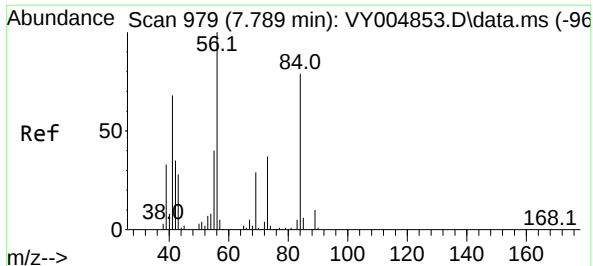
Tgt Ion: 62 Resp: 151930

Ion Ratio Lower Upper

62 100

98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 26.73 ug/L

RT: 7.789 min Scan# 979

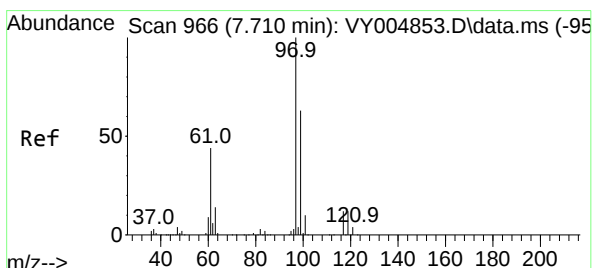
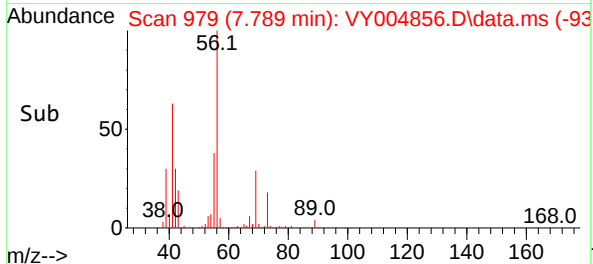
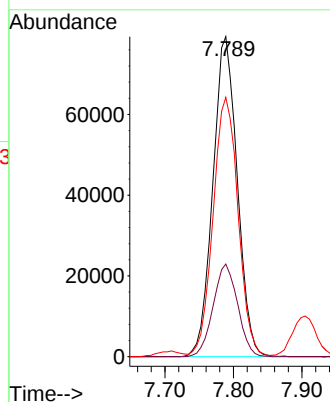
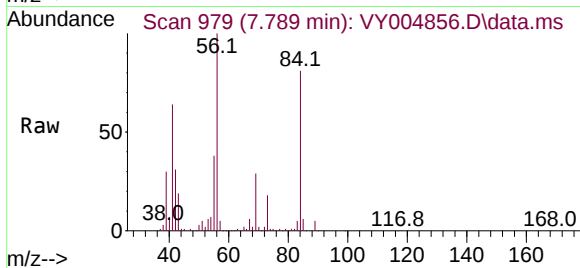
Delta R.T. -0.000 min

Lab File: VY004856.D

Acq: 20 May 2021 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

Tgt Ion:	56	Resp:	195566
Ion Ratio	Lower	Upper	
56	100		
69	29.0	22.6	33.8
84	83.1	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 27.30 ug/L

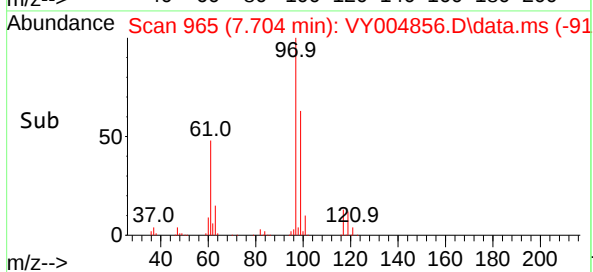
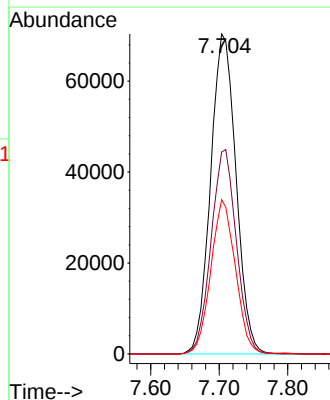
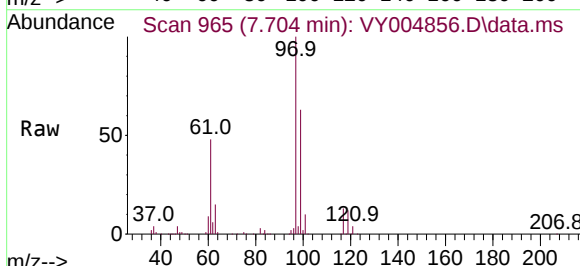
RT: 7.704 min Scan# 965

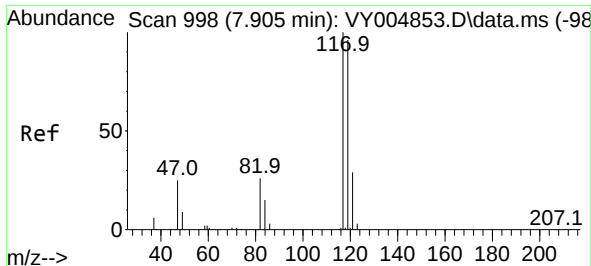
Delta R.T. -0.006 min

Lab File: VY004856.D

Acq: 20 May 2021 13:43

Tgt Ion:	97	Resp:	181444
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.8	77.6
61	46.6	37.3	55.9

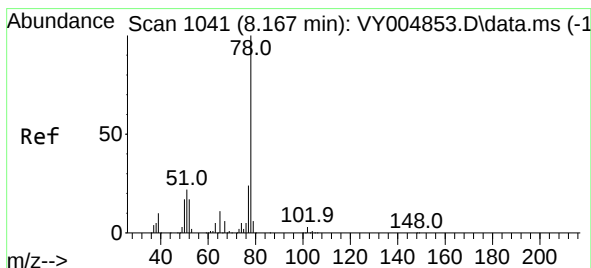
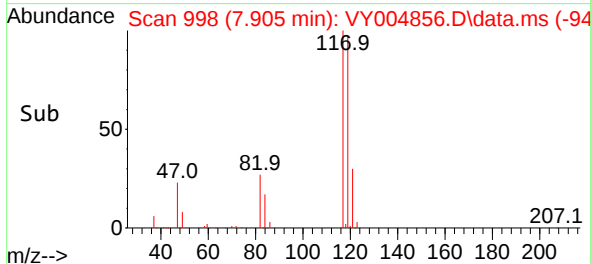
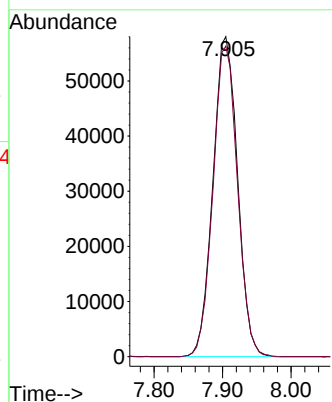
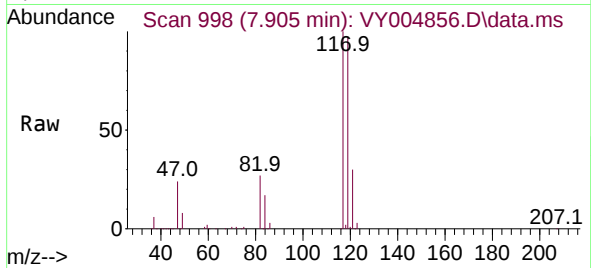




#31
Carbon tetrachloride
Concen: 27.62 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

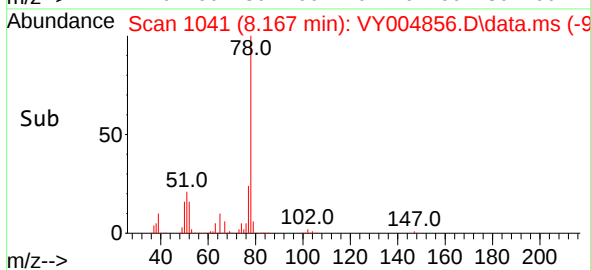
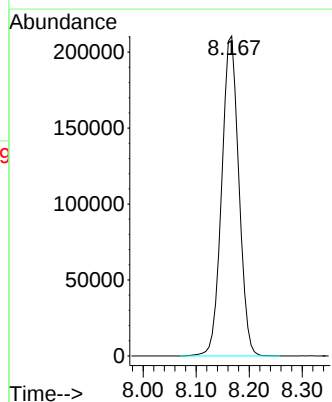
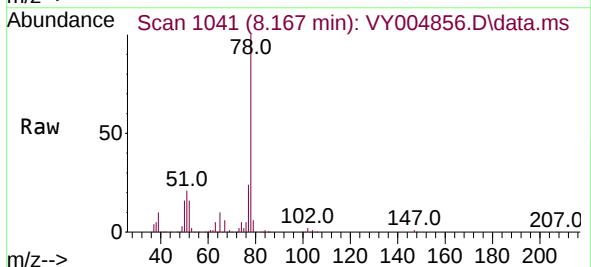
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

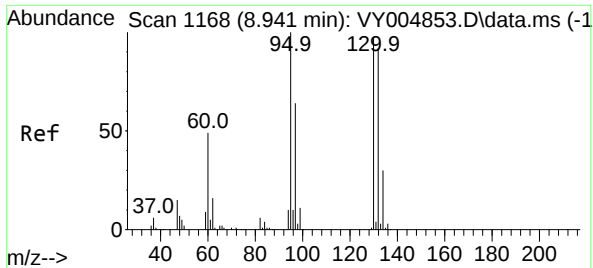
Tgt Ion:117 Resp: 144730
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2



#33
Benzene
Concen: 27.12 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 78 Resp: 472085

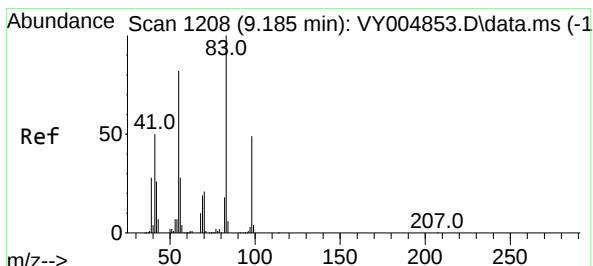
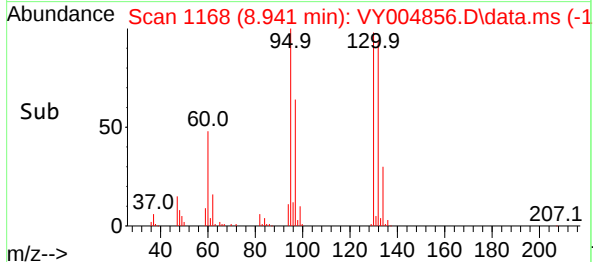
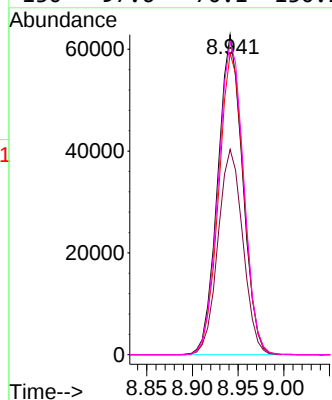
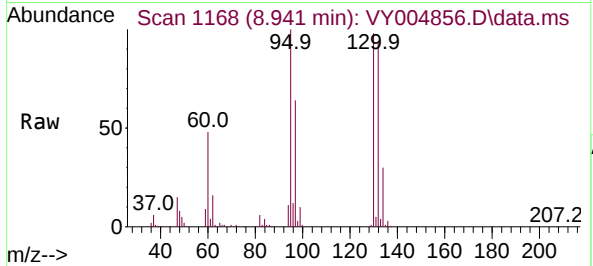




#34
Trichloroethene
Concen: 27.00 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

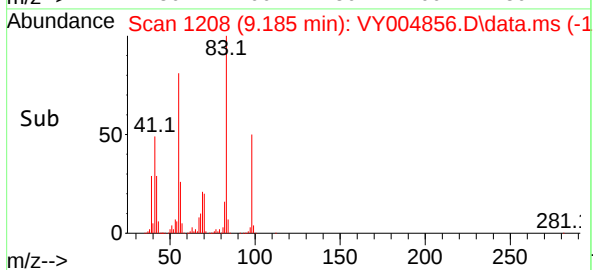
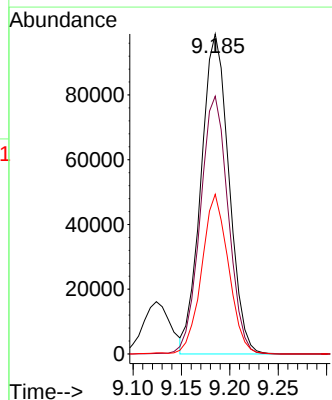
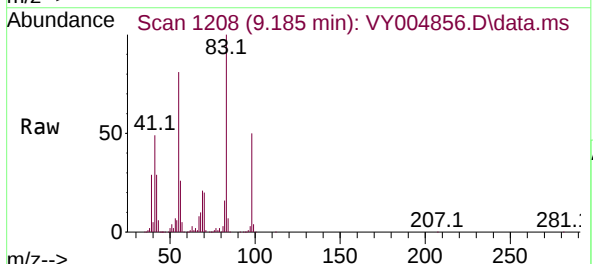
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

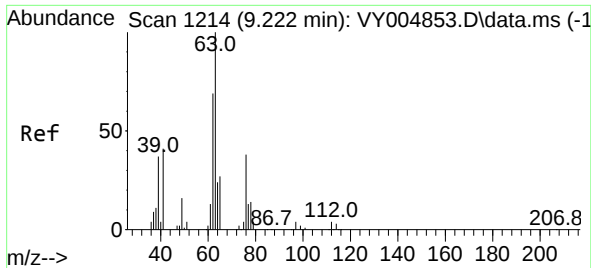
Tgt Ion: 95 Resp: 118778
Ion Ratio Lower Upper
95 100
97 64.1 44.2 82.2
132 94.1 66.8 124.0
130 97.6 70.1 130.1



#35
Methylcyclohexane
Concen: 26.89 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 83 Resp: 198785
Ion Ratio Lower Upper
83 100
55 80.6 63.9 95.9
98 47.8 38.7 58.1

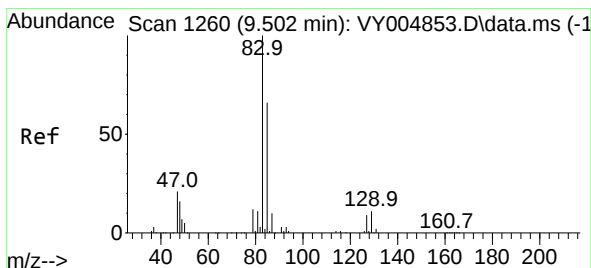
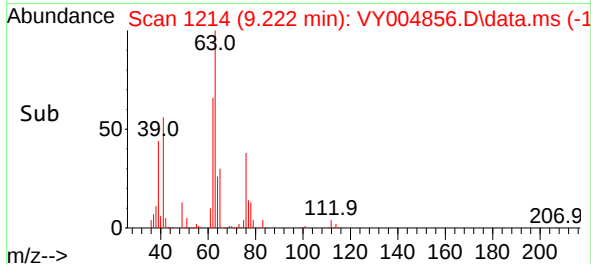
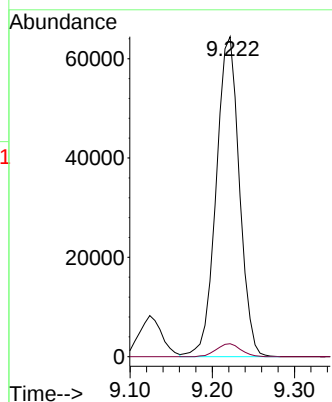
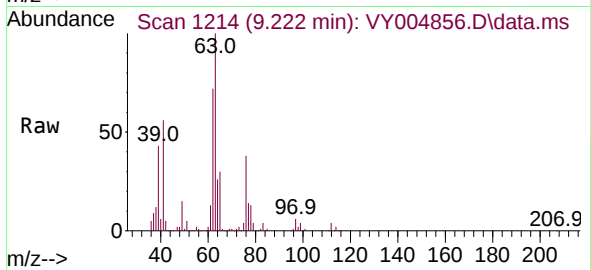




#37
1,2-Dichloropropane
Concen: 27.22 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

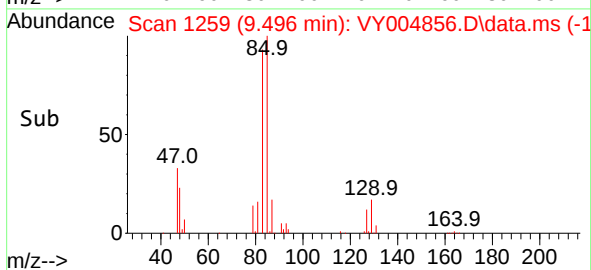
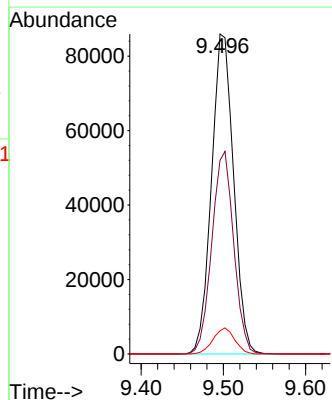
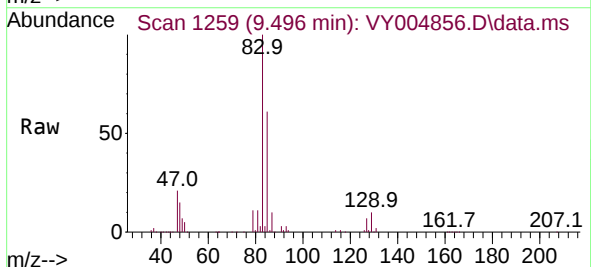
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

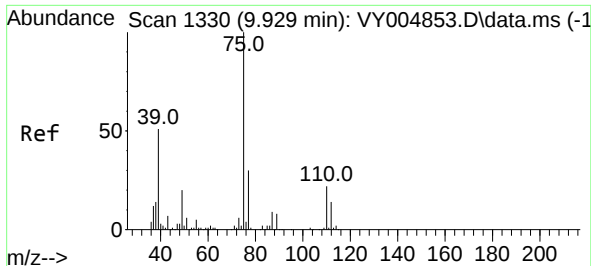
Tgt Ion: 63 Resp: 126503
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7



#38
Bromodichloromethane
Concen: 28.03 ug/L
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 83 Resp: 160431
Ion Ratio Lower Upper
83 100
85 60.6 44.1 81.9
127 8.0 6.9 10.3

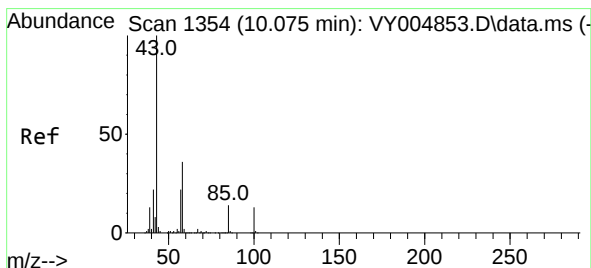
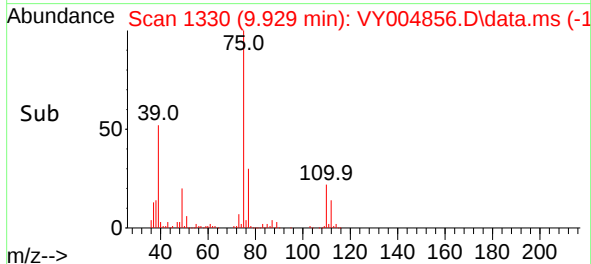
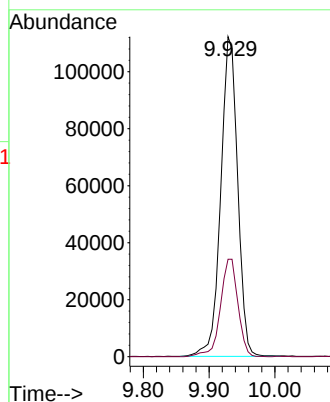
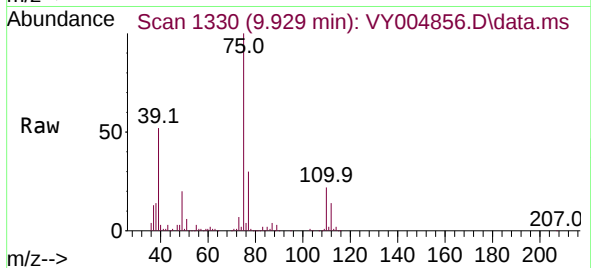




#39
cis-1,3-Dichloropropene
Concen: 27.84 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

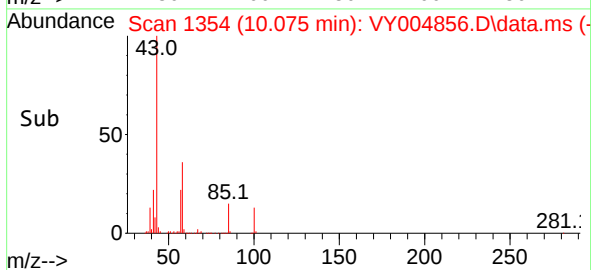
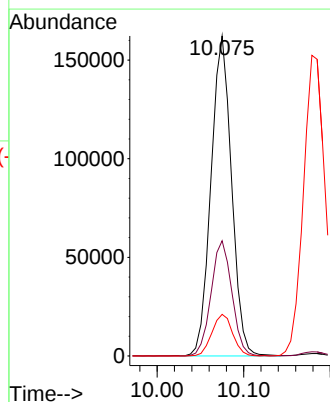
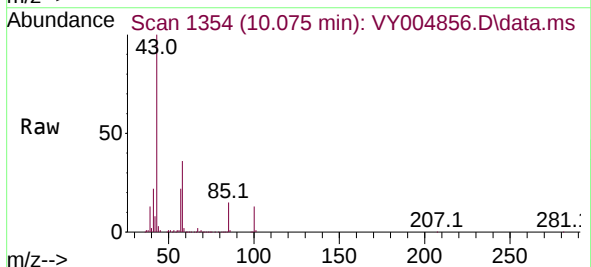
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

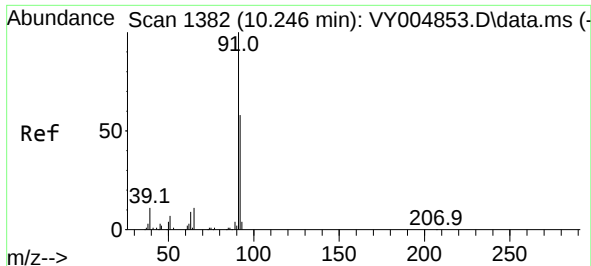
Tgt Ion: 75 Resp: 200716
Ion Ratio Lower Upper
75 100
77 30.4 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 54.05 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 43 Resp: 267651
Ion Ratio Lower Upper
43 100
58 36.4 28.5 42.7
100 13.1 10.4 15.6

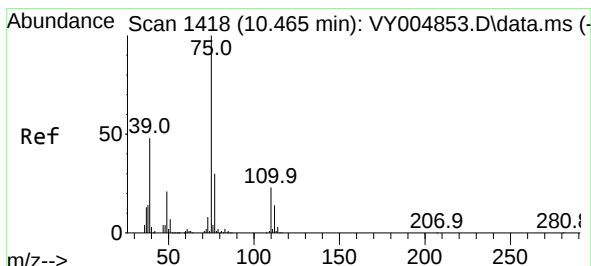
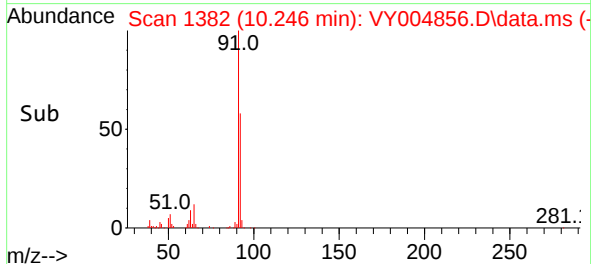
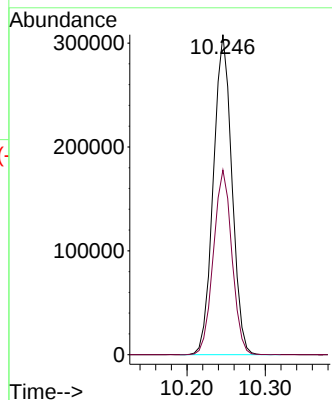
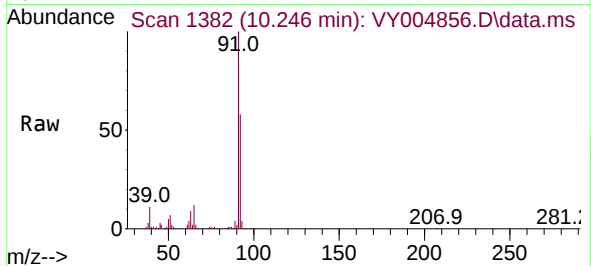




#42
Toluene
Concen: 27.48 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

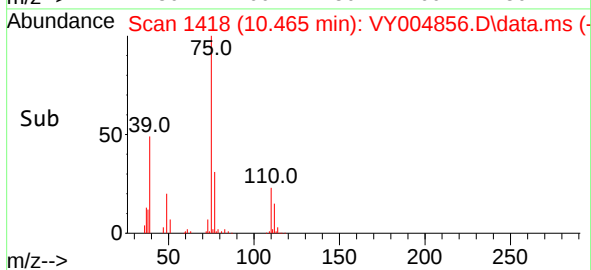
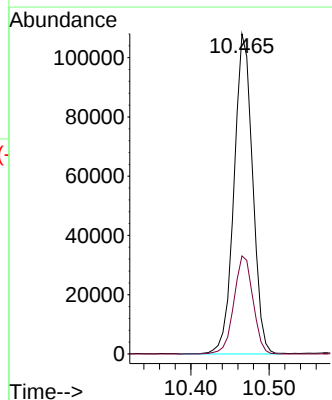
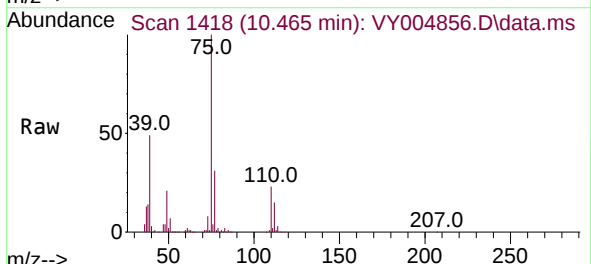
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

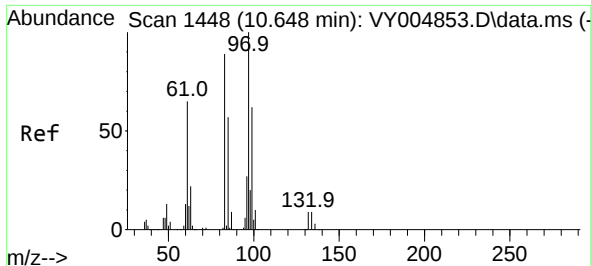
Tgt Ion: 91 Resp: 505872
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 26.55 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 75 Resp: 177763
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.4

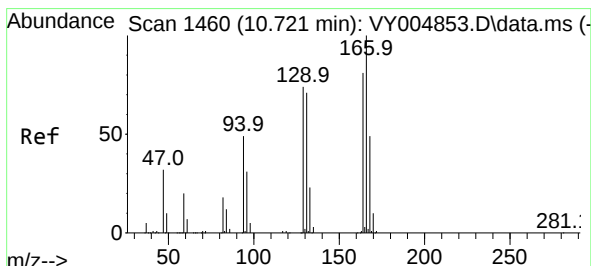
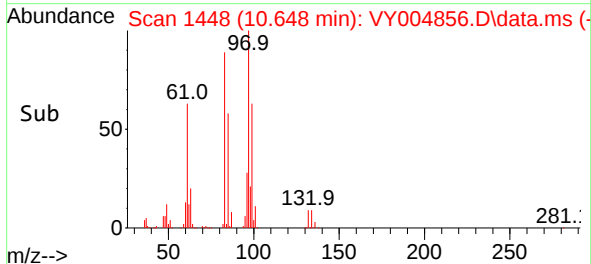
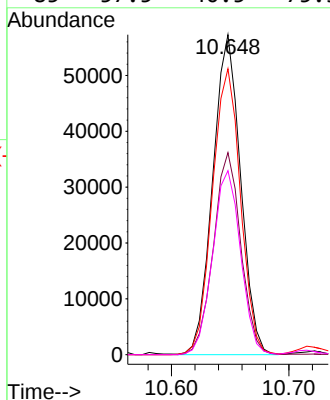
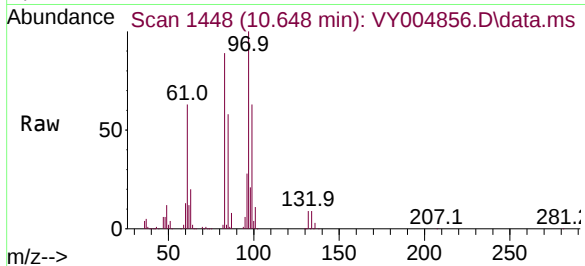




#45
1,1,2-Trichloroethane
Concen: 26.17 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

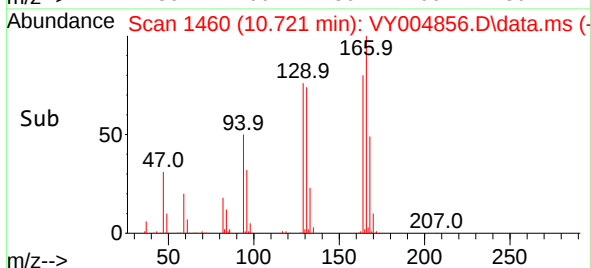
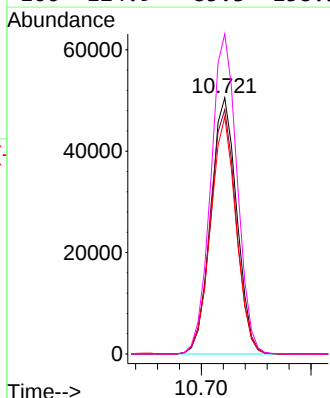
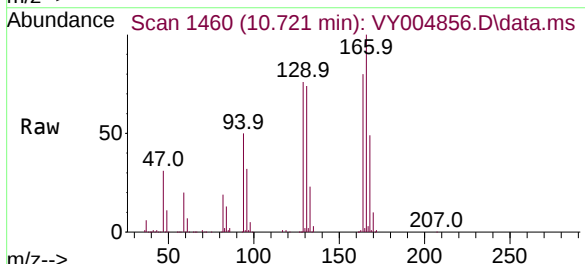
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

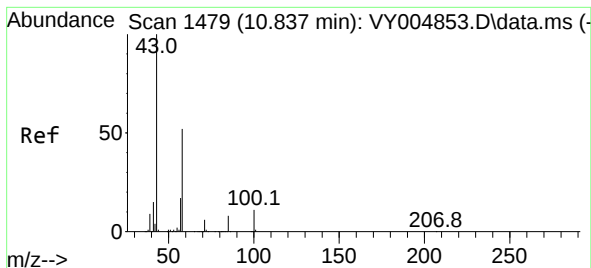
Tgt Ion:	97	Resp:	94417
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.2	82.0
83	89.4	61.1	113.5
85	57.5	40.5	75.3



#46
Tetrachloroethene
Concen: 25.01 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:	164	Resp:	82898
Ion	Ratio	Lower	Upper
164	100		
129	95.4	65.9	122.3
131	92.5	61.9	115.1
166	124.9	85.3	158.3



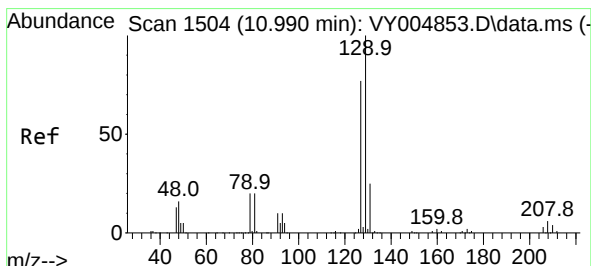
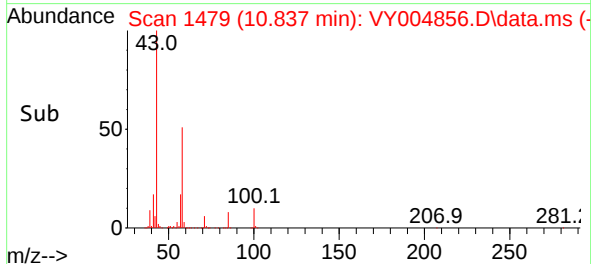
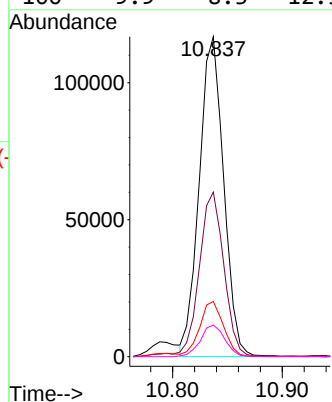
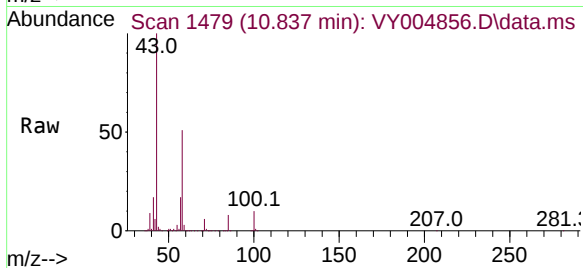


#48
2-Hexanone
Concen: 54.18 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

Tgt Ion: 43 Resp: 181082

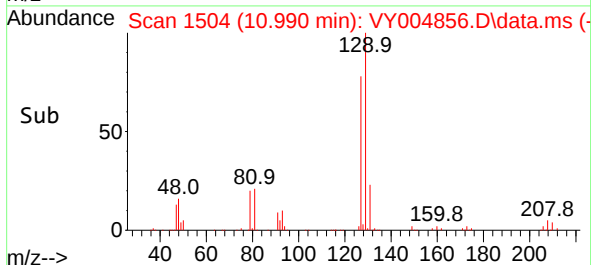
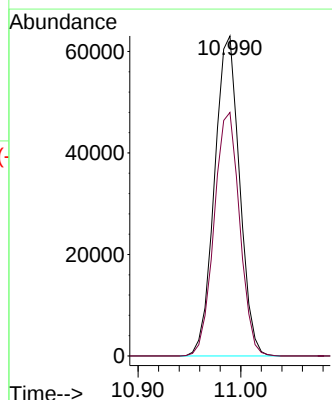
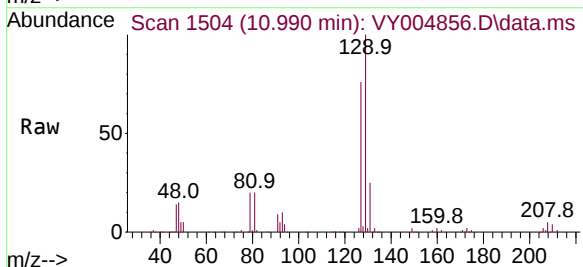
Ion	Ratio	Lower	Upper
43	100		
58	51.5	41.1	61.7
57	17.0	13.8	20.6
100	9.9	8.3	12.5

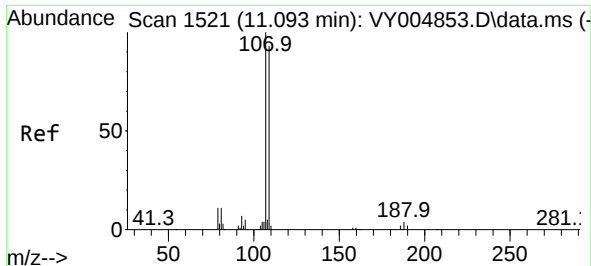


#49
Dibromochloromethane
Concen: 26.24 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 129 Resp: 106699

Ion	Ratio	Lower	Upper
129	100		
127	76.1	52.8	98.0

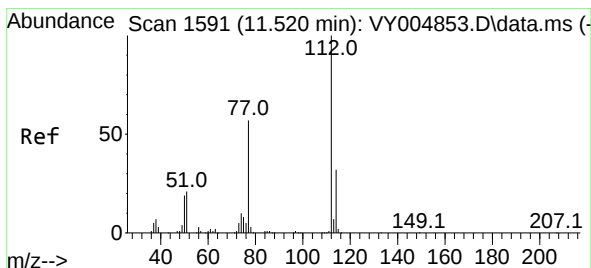
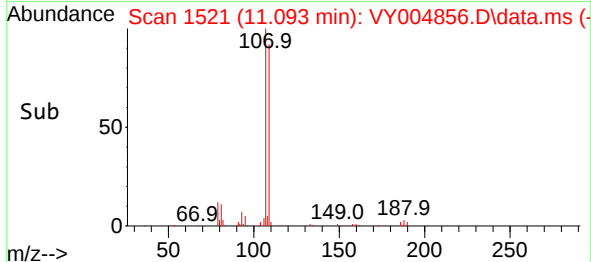
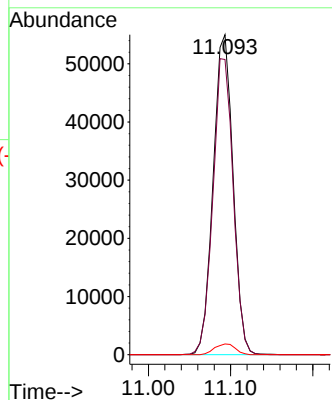
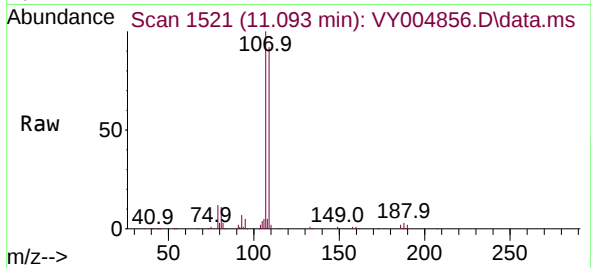




#50
1,2-Dibromoethane
Concen: 26.43 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

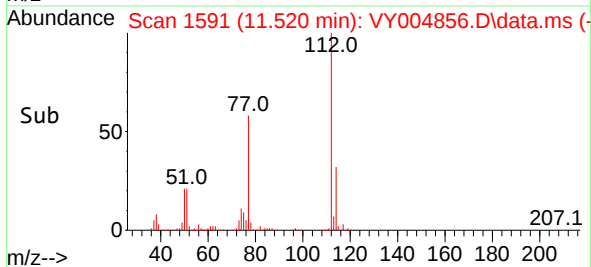
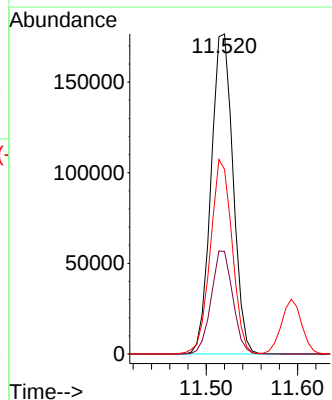
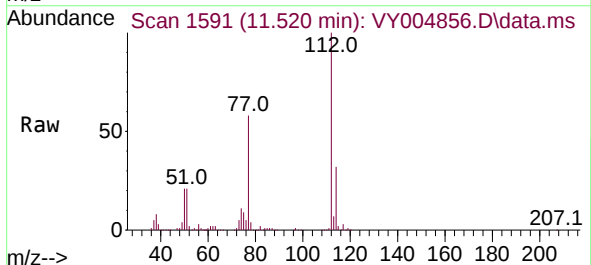
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

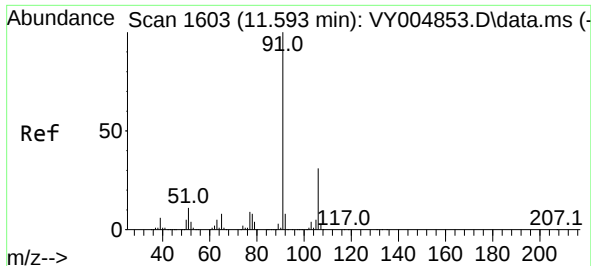
Tgt Ion:	107	Resp:	92197
Ion	Ratio	Lower	Upper
107	100		
109	92.2	65.7	121.9
188	3.3	2.8	4.2



#51
Chlorobenzene
Concen: 25.88 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:	112	Resp:	294599
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.5
77	57.7	46.5	69.7

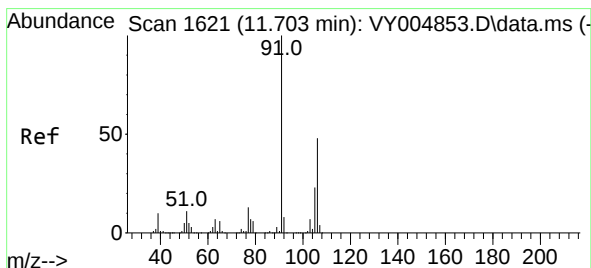
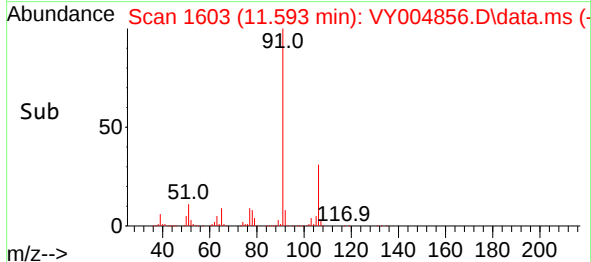
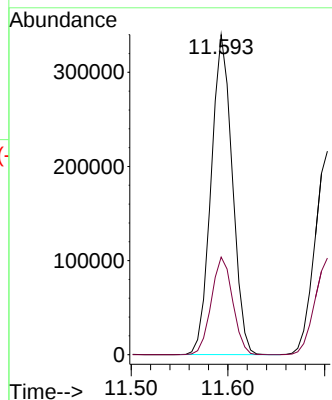
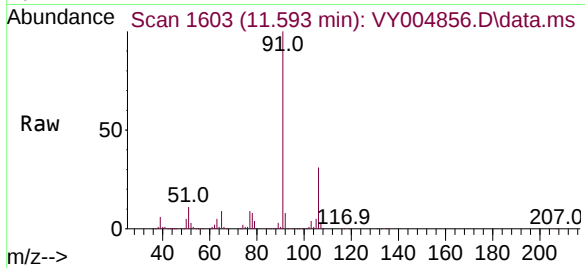




#52
Ethylbenzene
Concen: 26.02 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

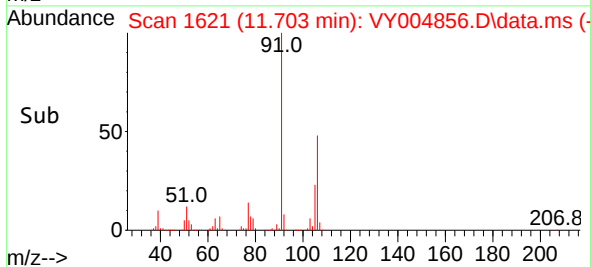
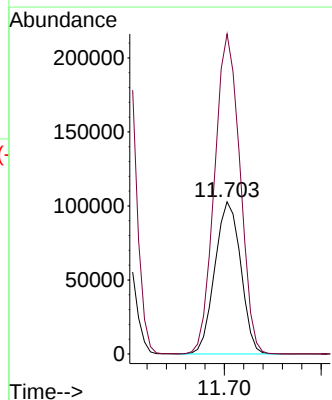
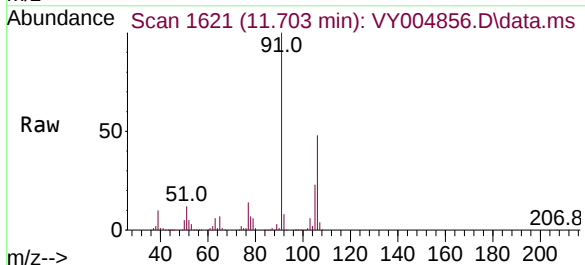
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

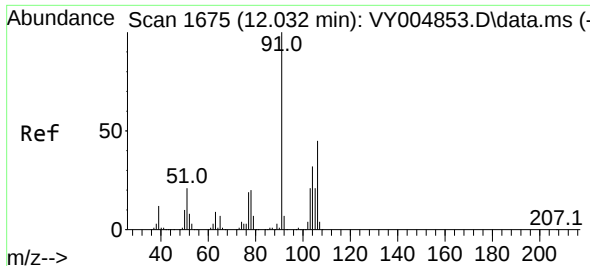
Tgt Ion: 91 Resp: 516679
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 25.97 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:106 Resp: 191057
Ion Ratio Lower Upper
106 100
91 210.4 145.7 270.5

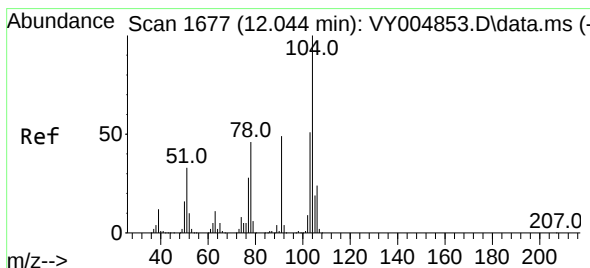
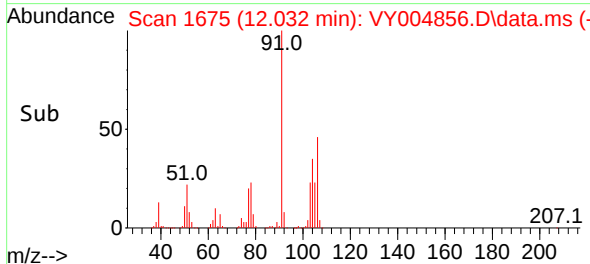
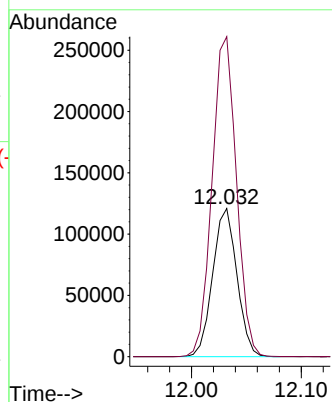
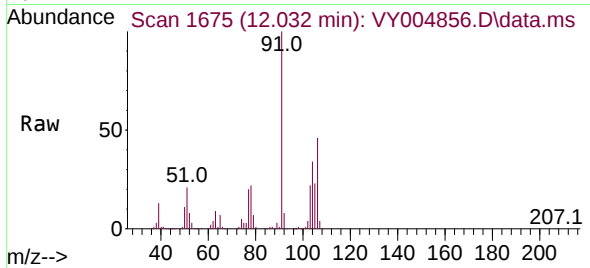




#54
o-Xylene
Concen: 26.47 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

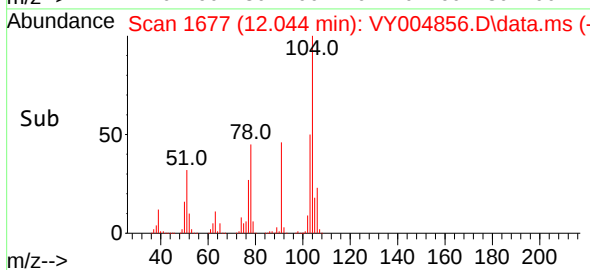
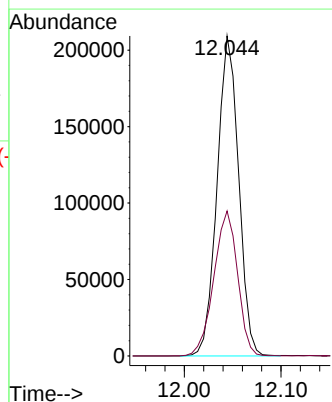
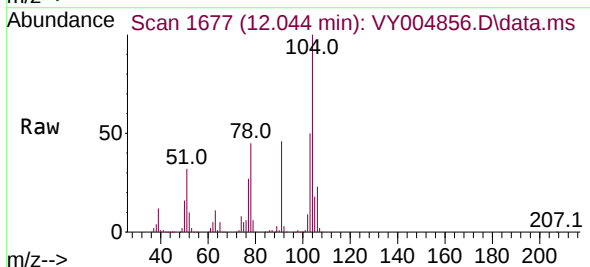
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

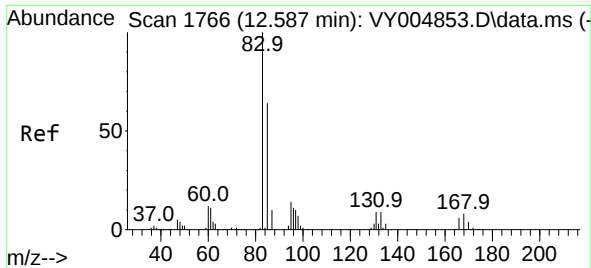
Tgt Ion:106 Resp: 185742
Ion Ratio Lower Upper
106 100
91 216.0 150.6 279.6



#55
Styrene
Concen: 26.76 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:104 Resp: 323529
Ion Ratio Lower Upper
104 100
78 45.3 31.8 59.0

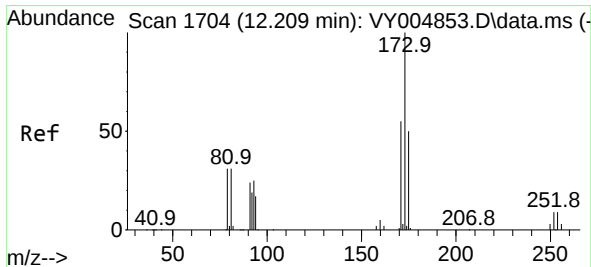
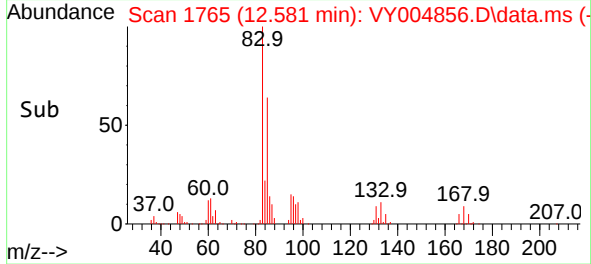
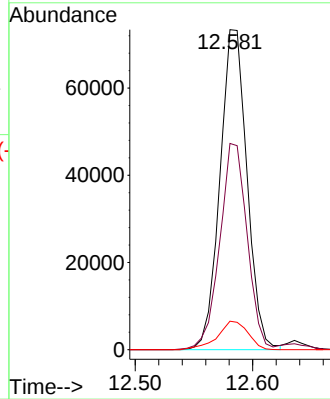
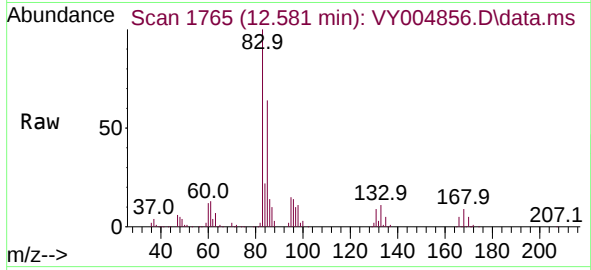




#57
1,1,2,2-Tetrachloroethane
Concen: 26.70 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

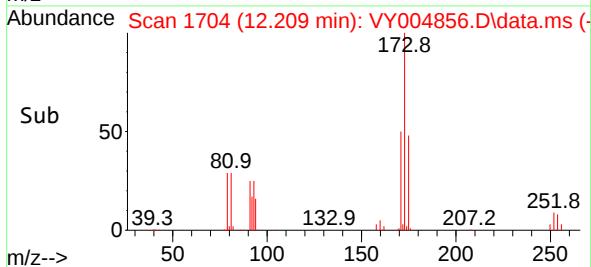
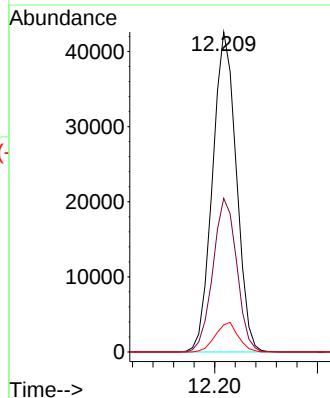
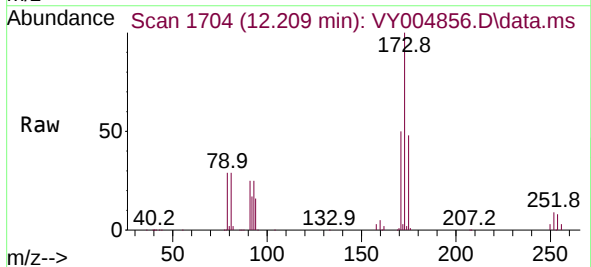
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

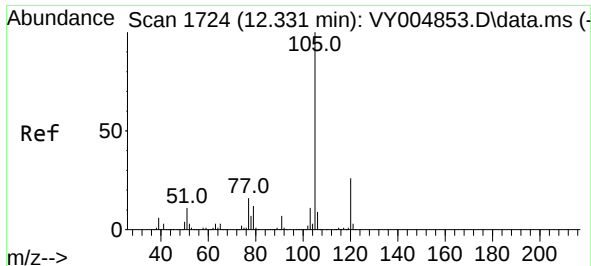
Tgt Ion:	83	Resp:	117630
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.0	83.6
131	8.9	6.9	10.3



#59
Bromoform
Concen: 26.54 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:	173	Resp:	68406
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.8	58.2
254	8.9	7.3	10.9

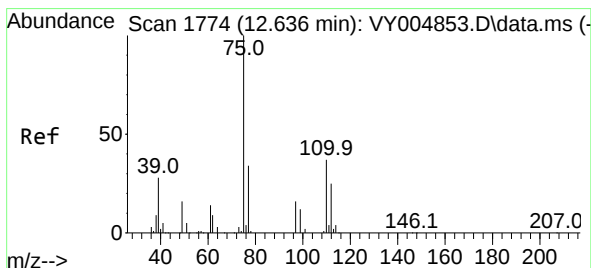
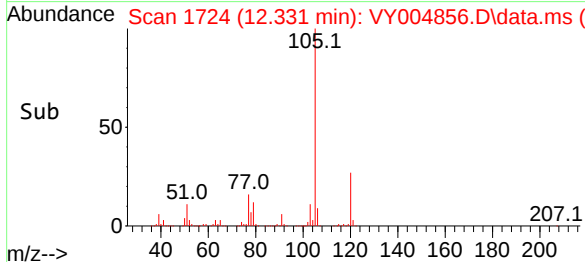
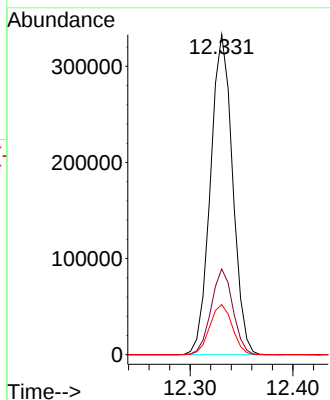
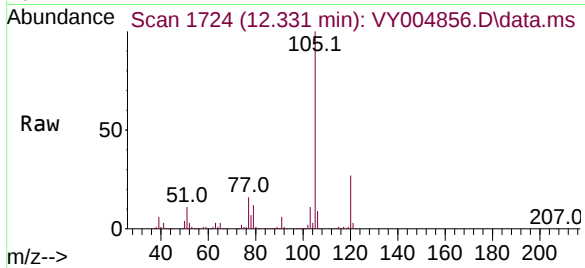




#60
Isopropylbenzene
Concen: 26.16 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

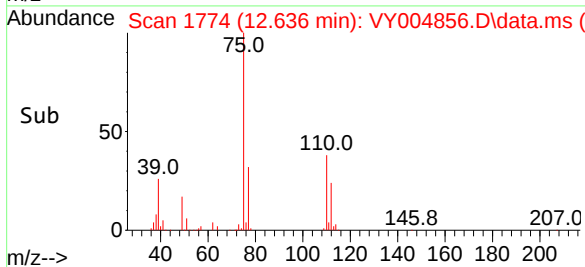
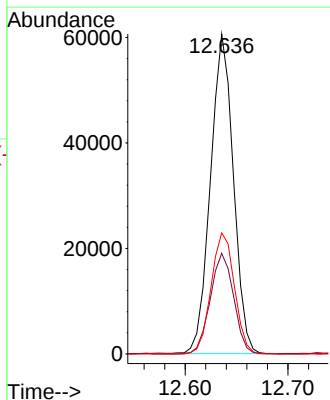
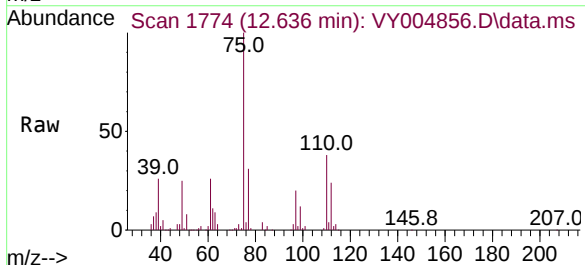
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

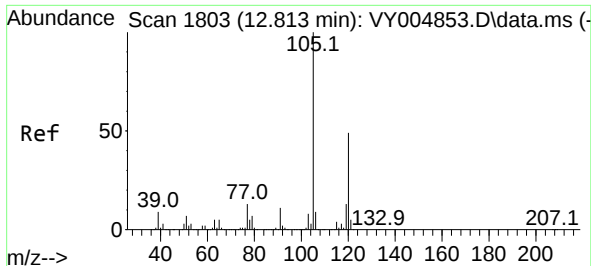
Tgt Ion:105 Resp: 497380
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.42 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 75 Resp: 93474
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 38.6 30.8 46.2

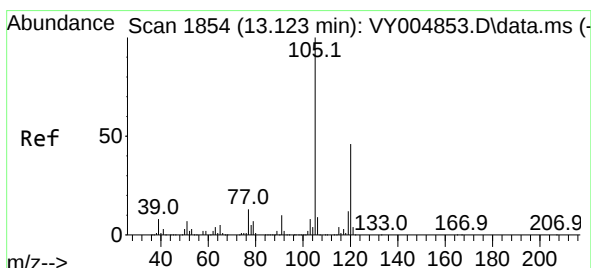
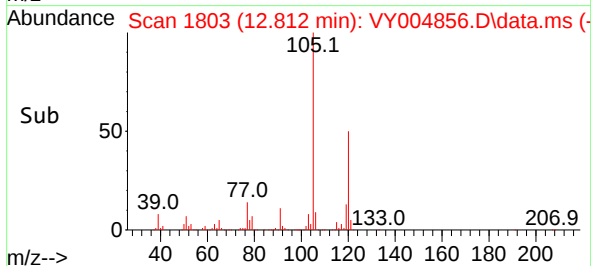
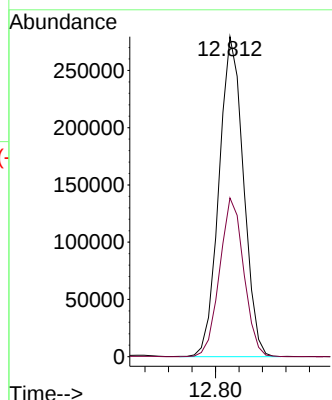
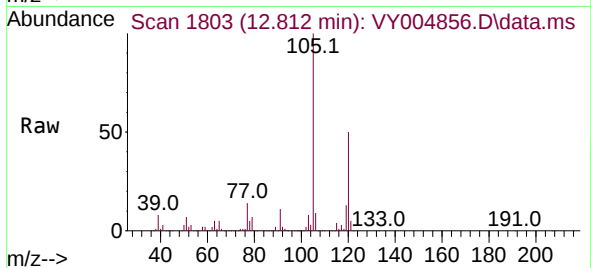




#62
1,3,5-Trimethylbenzene
Concen: 26.49 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

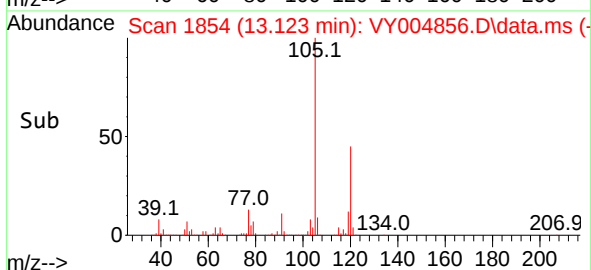
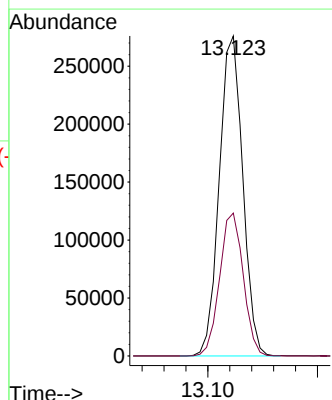
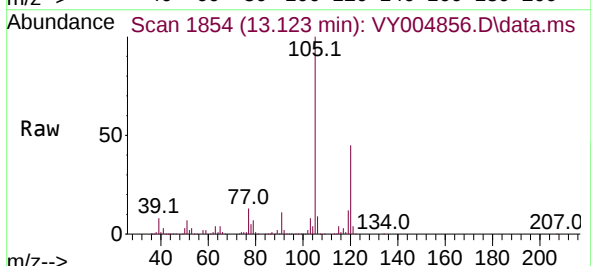
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

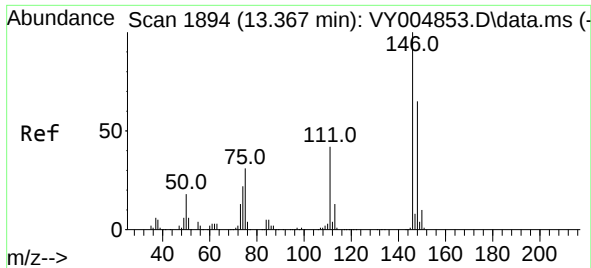
Tgt Ion:105 Resp: 404788
Ion Ratio Lower Upper
105 100
120 48.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 26.93 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:105 Resp: 410701
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.4

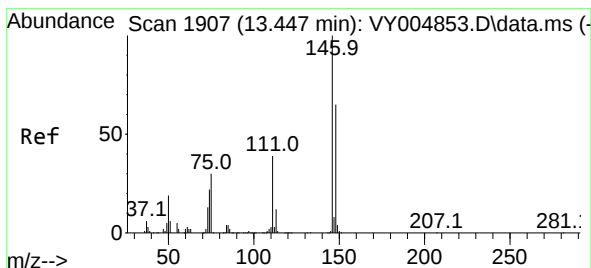
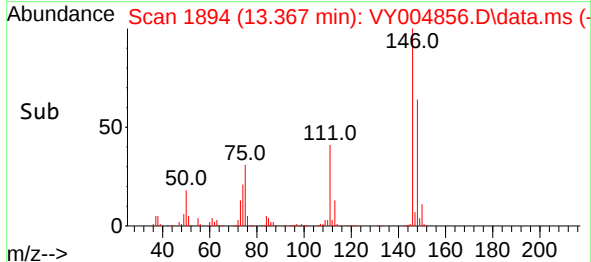
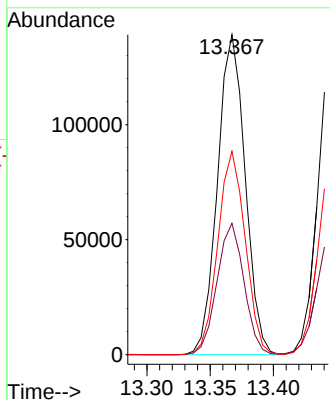
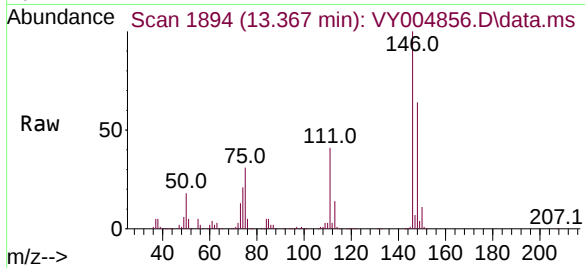




#64
1,3-Dichlorobenzene
Concen: 26.12 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

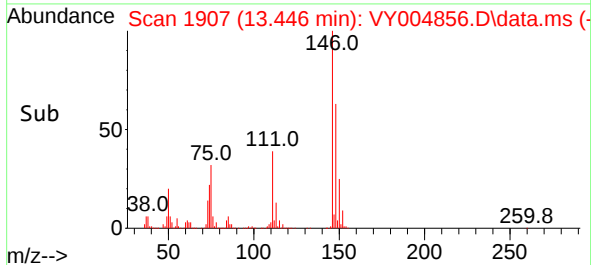
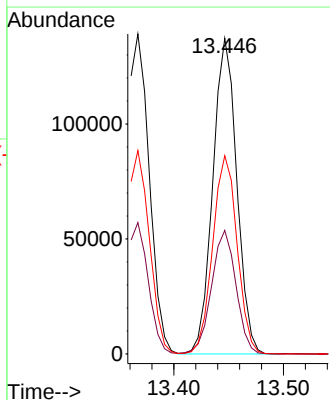
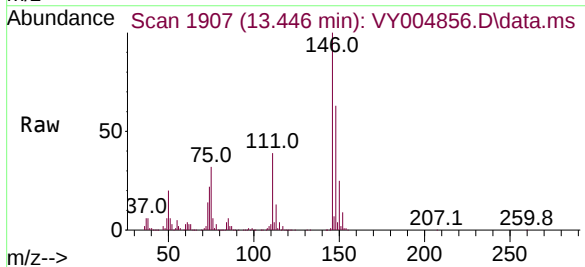
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

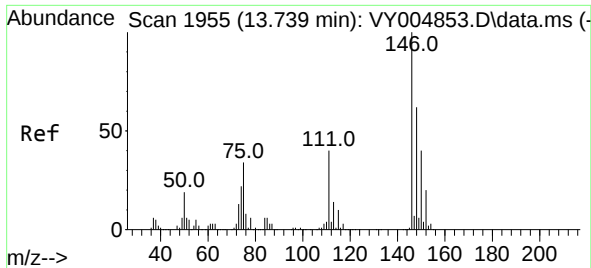
Tgt Ion:146 Resp: 211493
Ion Ratio Lower Upper
146 100
111 41.1 27.4 51.0
148 63.5 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 25.46 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:146 Resp: 208755
Ion Ratio Lower Upper
146 100
111 39.1 26.4 49.0
148 62.8 44.3 82.3

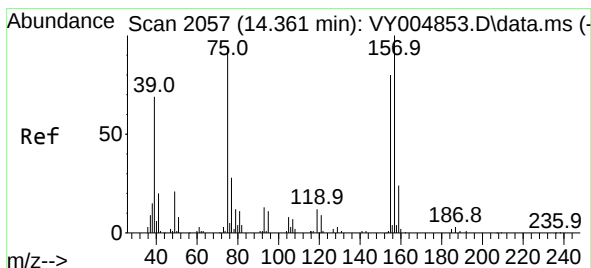
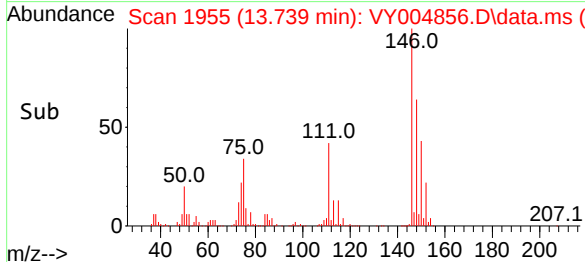
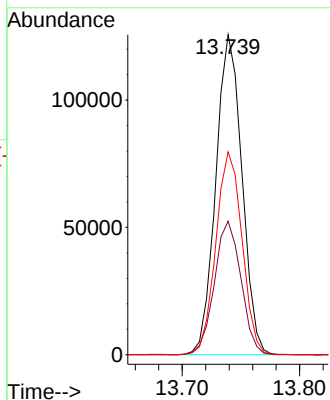
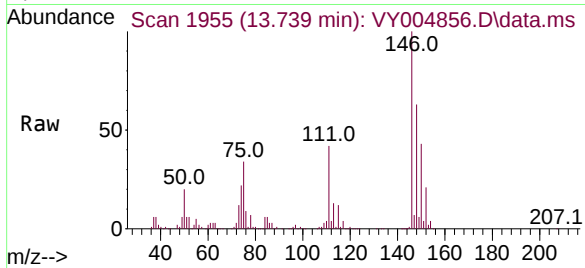




#67
1,2-Dichlorobenzene
Concen: 25.89 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

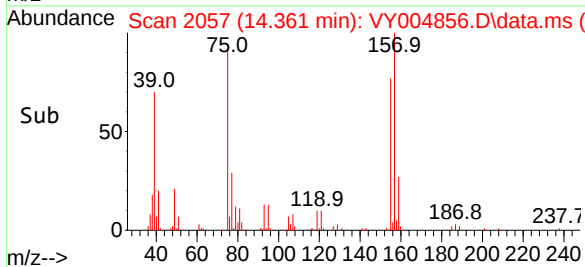
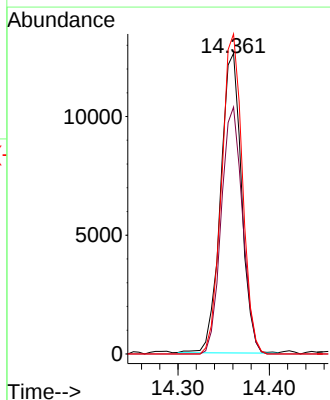
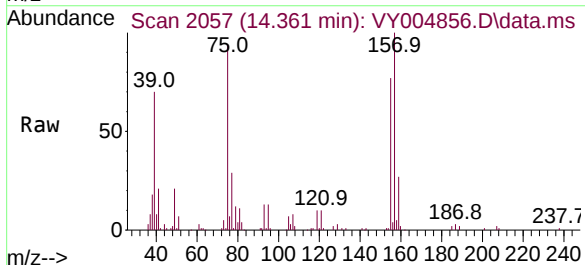
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

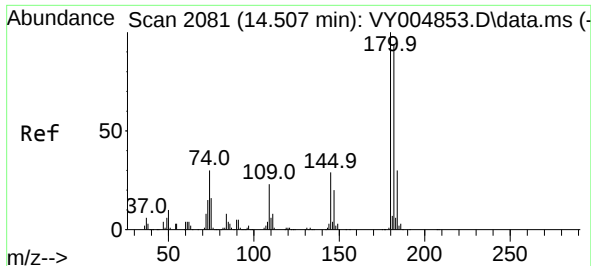
Tgt Ion:146 Resp: 194376
Ion Ratio Lower Upper
146 100
111 41.7 33.9 50.9
148 63.4 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.06 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion: 75 Resp: 20128
Ion Ratio Lower Upper
75 100
155 82.1 64.5 96.7
157 106.5 77.4 116.2

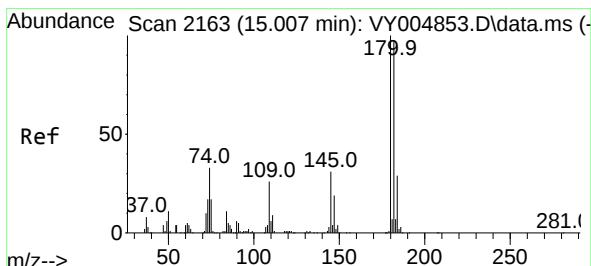
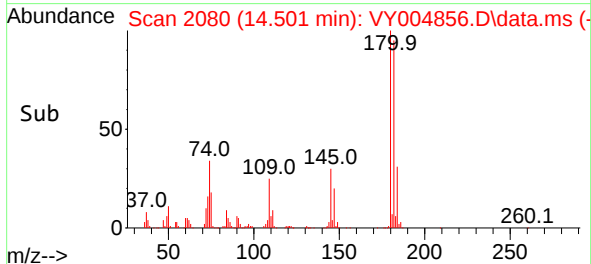
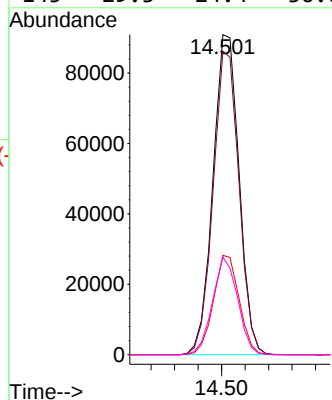
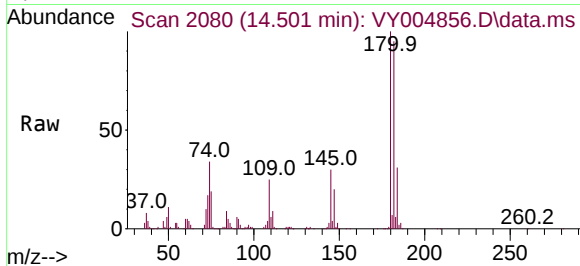




#69
1,3,5-Trichlorobenzene
Concen: 25.76 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

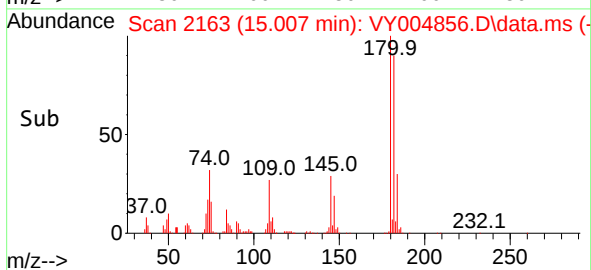
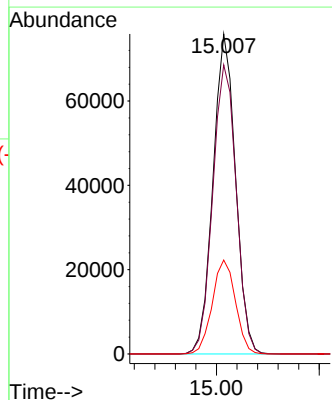
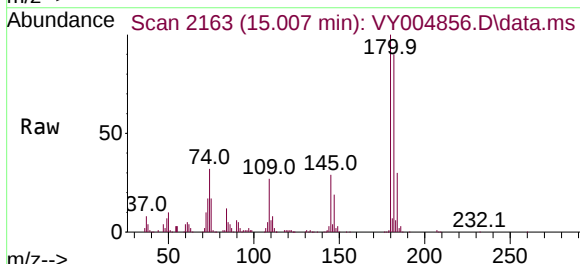
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

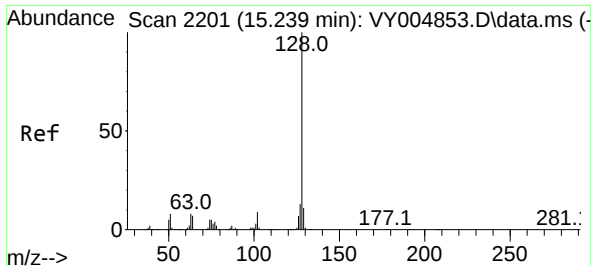
Tgt Ion:	180	Resp:	140318
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.1	114.1
184	30.5	24.6	36.8
145	29.3	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 25.32 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:	180	Resp:	115441
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.4	114.6
145	30.2	25.0	37.6

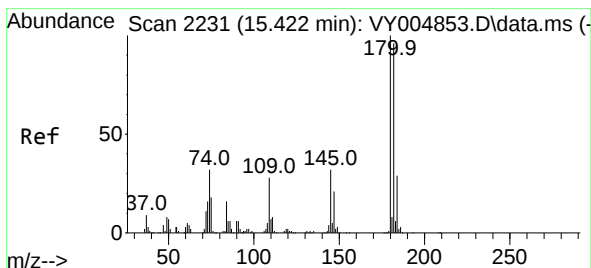
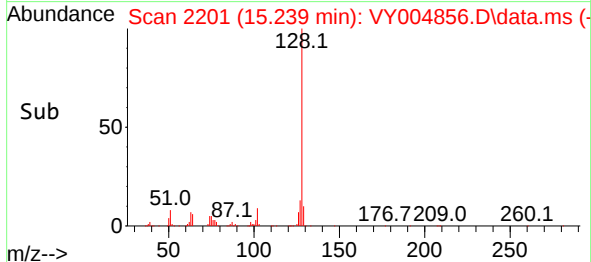
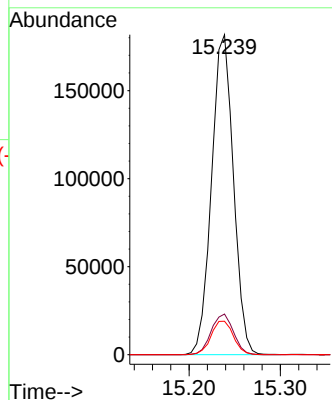
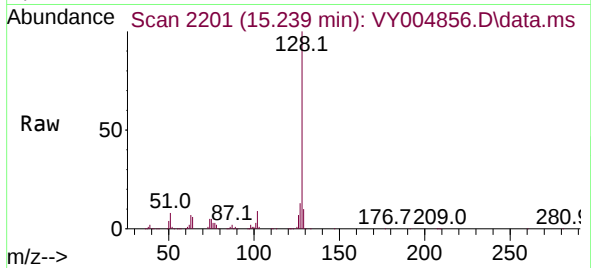




#71
Naphthalene
Concen: 26.26 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025141

Tgt Ion:128 Resp: 301600
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.49 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY004856.D
Acq: 20 May 2021 13:43

Tgt Ion:180 Resp: 105514
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.2
145 32.8 25.8 38.8

