

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006953.D
 Acq On : 04 Dec 2021 20:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025896

Quant Time: Dec 05 06:12:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	140216	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	132169	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	49168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	45137	24.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.960%
7) Chloroethane-d5	2.771	69	34918	24.649	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	3.857	63	77512	20.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.600%
21) 2-Butanone-d5	6.887	46	34054	48.823	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.640%
24) Chloroform-d	7.484	84	83164	23.799	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	8.142	65	46386	22.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.480%
32) Benzene-d6	8.112	84	142872	20.350	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	9.124	67	50265	22.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.160%
41) Toluene-d8	10.179	98	133728	20.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.360%
43) trans-1,3-Dichloroprop...	10.441	79	23259	21.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.200%
47) 2-Hexanone-d5	10.788	63	22365	43.807	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.620%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	36430	19.823	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.280%
66) 1,2-Dichlorobenzene-d4	13.727	152	30666	19.126	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	12345	13.946	ug/L	98
3) Chloromethane	2.119	50	38485	22.649	ug/L	99
5) Vinyl chloride	2.259	62	80182	32.035	ug/L	100
6) Bromomethane	2.668	94	46632	30.823	ug/L	92
8) Chloroethane	2.802	64	47306	31.853	ug/L	94
9) Trichlorofluoromethane	3.131	101	39853	21.925	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	43912	24.919	ug/L	95
12) 1,1-Dichloroethene	3.875	96	45597	24.030	ug/L	89
13) Acetone	3.948	43	32723	51.191	ug/L	99
14) Carbon disulfide	4.198	76	146801	23.469	ug/L	97
15) Methyl Acetate	4.472	43	36283	26.035	ug/L #	78
16) Methylene chloride	4.716	84	60501	24.061	ug/L	88
17) trans-1,2-Dichloroethene	5.216	96	48605	24.024	ug/L	97
18) Methyl tert-butyl Ether	5.216	73	98304	26.935	ug/L	97
19) 1,1-Dichloroethane	6.021	63	103617	27.230	ug/L	99
20) cis-1,2-Dichloroethene	6.990	96	61404	28.304	ug/L	92
22) 2-Butanone	6.990	43	59418	66.448	ug/L	92
23) Bromochloromethane	7.344	128	28645	28.935	ug/L	85
25) Chloroform	7.508	83	117853	30.743	ug/L	99

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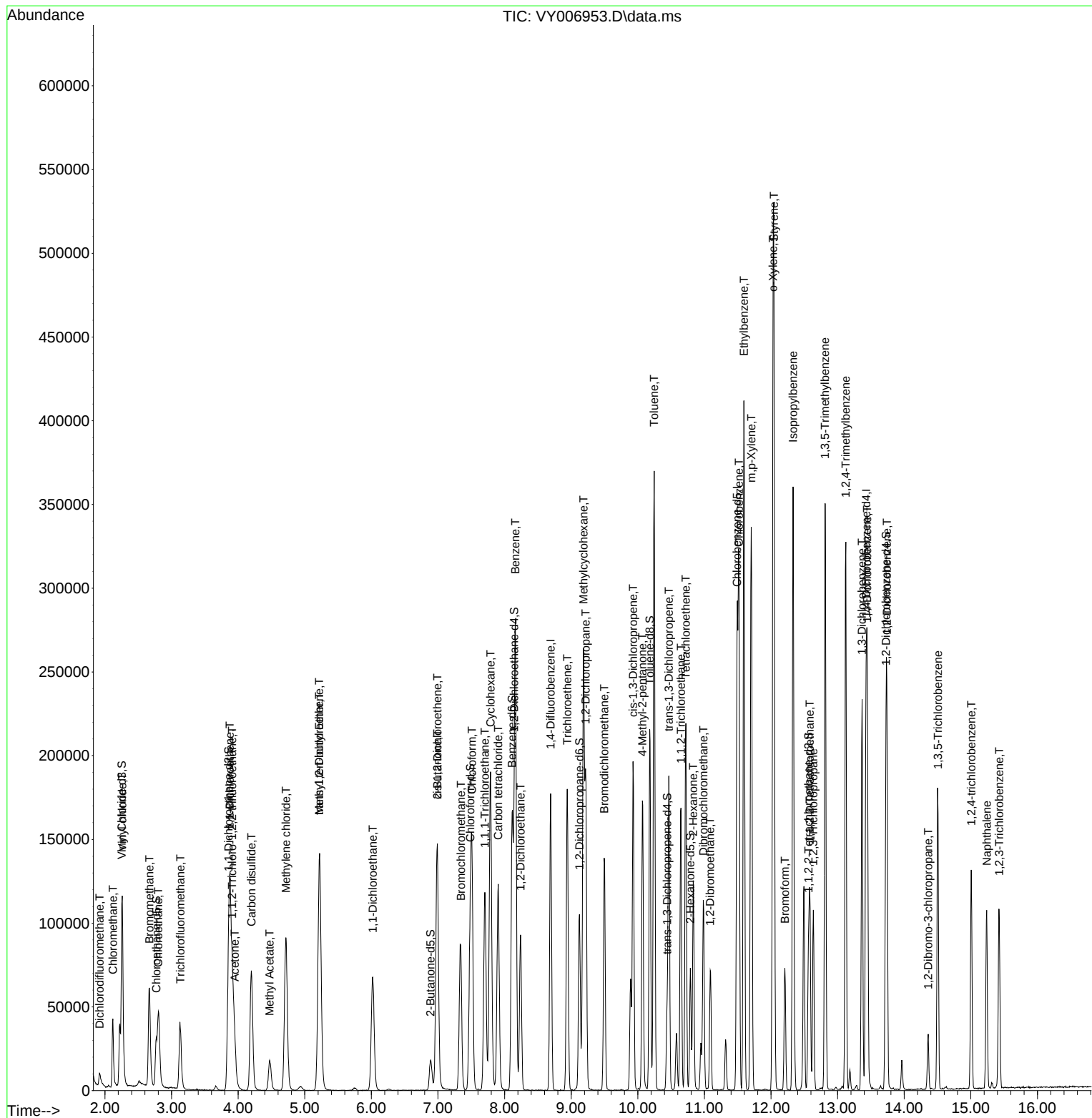
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	82385	29.656	ug/L	95
29) Cyclohexane	7.789	56	107553	29.197	ug/L	94
30) 1,1,1-Trichloroethane	7.703	97	94716	28.171	ug/L	98
31) Carbon tetrachloride	7.905	117	85240	26.571	ug/L	99
33) Benzene	8.161	78	239483	26.951	ug/L	100
34) Trichloroethene	8.941	95	60388	27.591	ug/L	92
35) Methylcyclohexane	9.185	83	96994	24.732	ug/L	93
37) 1,2-Dichloropropane	9.215	63	67876	29.799	ug/L	98
38) Bromodichloromethane	9.496	83	86678	29.371	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	99869	27.931	ug/L	100
40) 4-Methyl-2-pentanone	10.069	43	123416	62.120	ug/L	98
42) Toluene	10.246	91	254002	26.794	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	93168	27.882	ug/L	99
45) 1,1,2-Trichloroethane	10.648	97	48943	29.164	ug/L	98
46) Tetrachloroethene	10.721	164	44973	24.526	ug/L	97
48) 2-Hexanone	10.831	43	83836	63.944	ug/L	97
49) Dibromochloromethane	10.983	129	51660	25.294	ug/L	91
50) 1,2-Dibromoethane	11.087	107	45347	28.551	ug/L	97
51) Chlorobenzene	11.520	112	147702	25.546	ug/L	99
52) Ethylbenzene	11.593	91	269002	26.399	ug/L	99
53) m,p-Xylene	11.703	106	98864	25.648	ug/L	93
54) o-Xylene	12.032	106	86613	23.886	ug/L	94
55) Styrene	12.044	104	145290	22.901	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.581	83	53287	26.316	ug/L #	97
59) Bromoform	12.209	173	28929	28.850	ug/L	97
60) Isopropylbenzene	12.331	105	212503	29.535	ug/L	98
61) 1,2,3-Trichloropropane	12.635	75	39936	33.416	ug/L	96
62) 1,3,5-Trimethylbenzene	12.812	105	171992	29.073	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	165512	28.603	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	81914	25.297	ug/L	98
65) 1,4-Dichlorobenzene	13.446	146	83020	25.160	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	73773	25.443	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.361	75	7842	30.474	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.507	180	49788	22.593	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	36253	20.397	ug/L	100
71) Naphthalene	15.239	128	79538	22.333	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	31911	21.248	ug/L	98

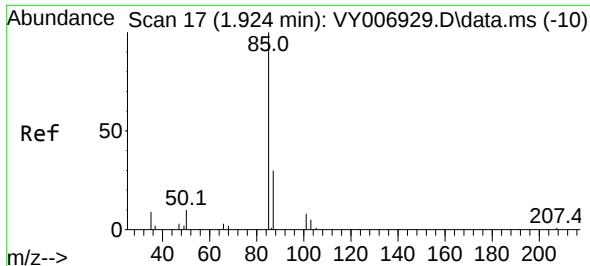
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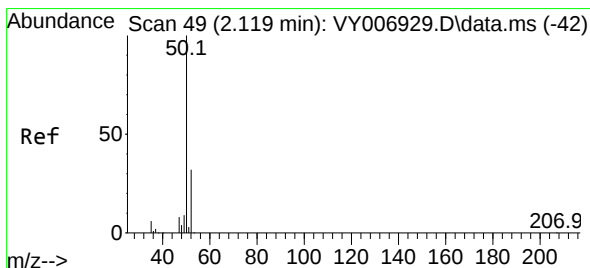
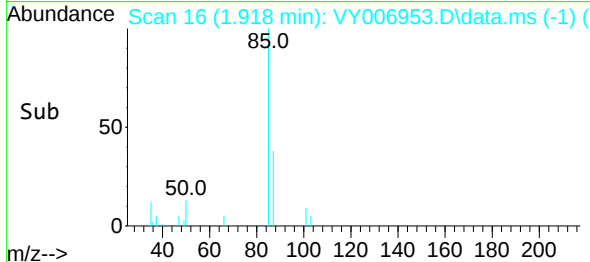
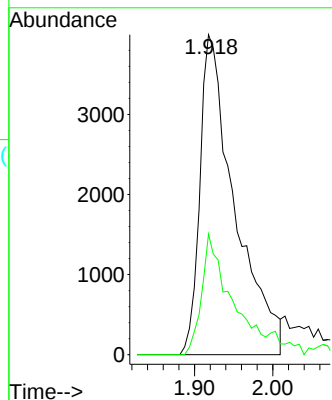
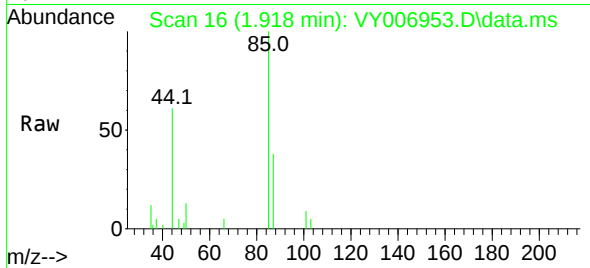




#2
 Dichlorodifluoromethane
 Concen: 13.946 ug/L
 RT: 1.918 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VY006953.D
 Acq: 04 Dec 2021 20:45

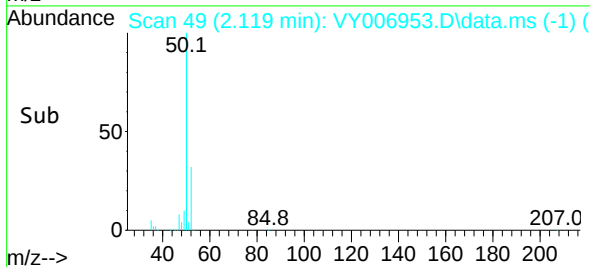
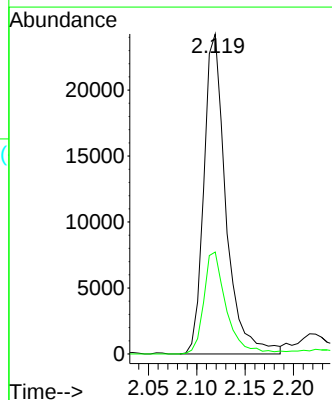
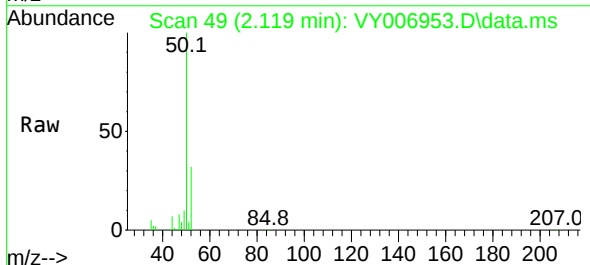
Instrument :
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 ClientSampleId :
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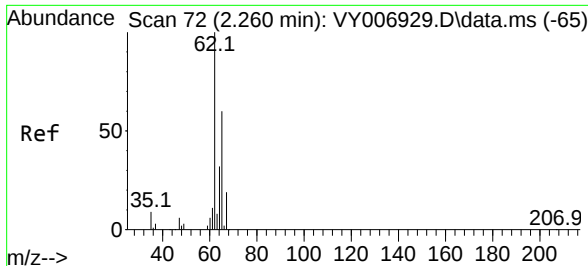
Tgt Ion: 85 Resp: 12345
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.3 39.5



#3
 Chloromethane
 Concen: 22.649 ug/L
 RT: 2.119 min Scan# 49
 Delta R.T. 0.006 min
 Lab File: VY006953.D
 Acq: 04 Dec 2021 20:45

Tgt Ion: 50 Resp: 38485
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.7 42.1

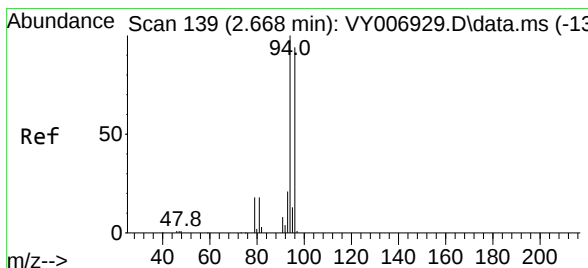
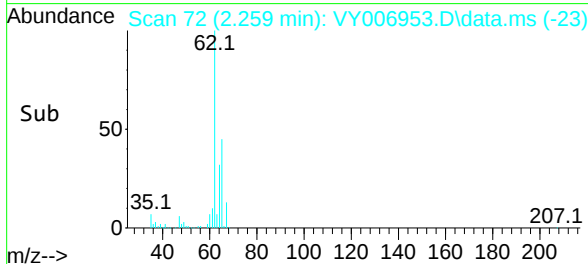
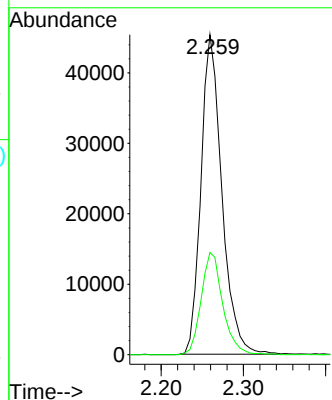
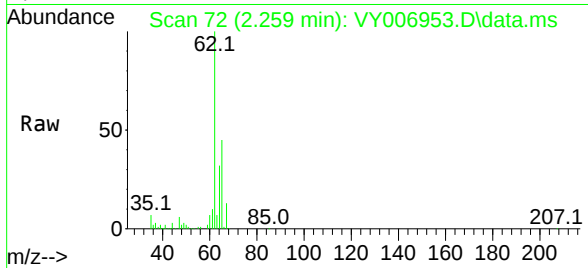




#5
 Vinyl chloride
 Concen: 32.035 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY006953.D
 Acq: 04 Dec 2021 20:45

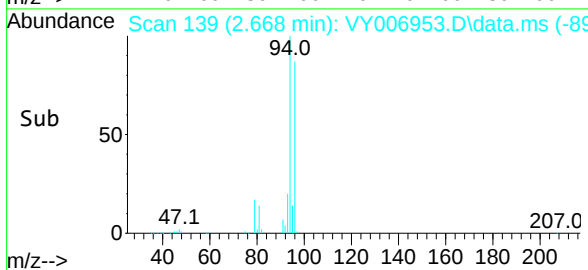
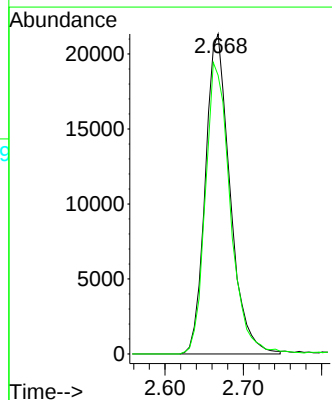
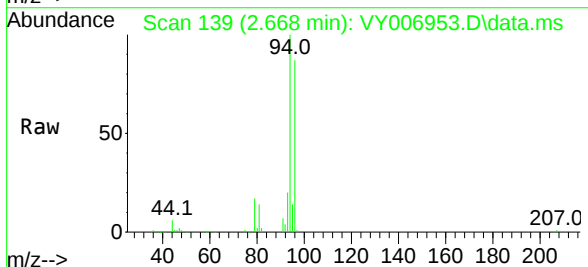
Instrument :
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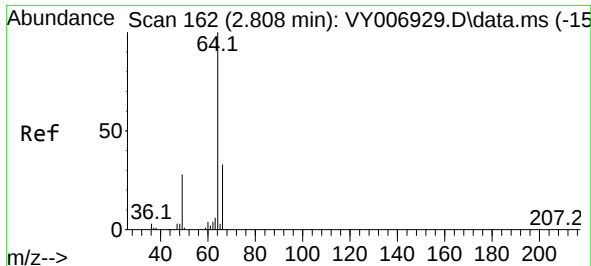
Tgt Ion: 62 Resp: 80182
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 30.823 ug/L
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY006953.D
 Acq: 04 Dec 2021 20:45

Tgt Ion: 94 Resp: 46632
 Ion Ratio Lower Upper
 94 100
 96 87.1 66.5 123.5

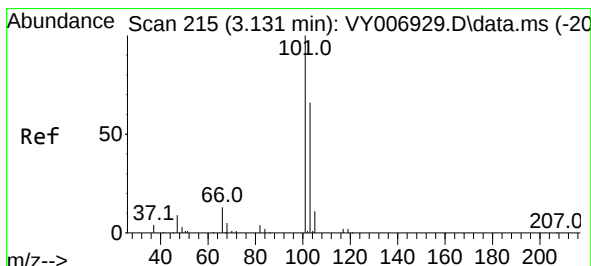
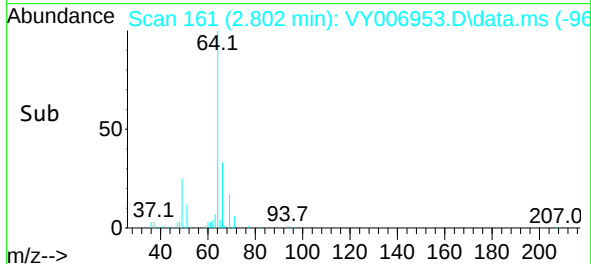
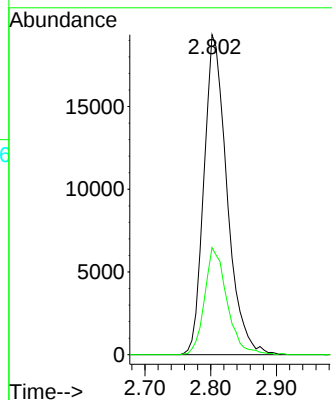
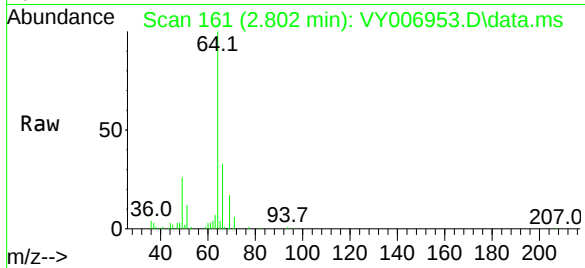




#8
Chloroethane
Concen: 31.853 ug/L
RT: 2.802 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

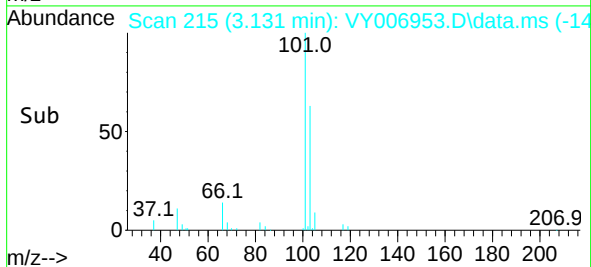
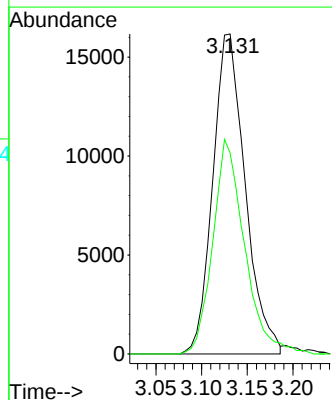
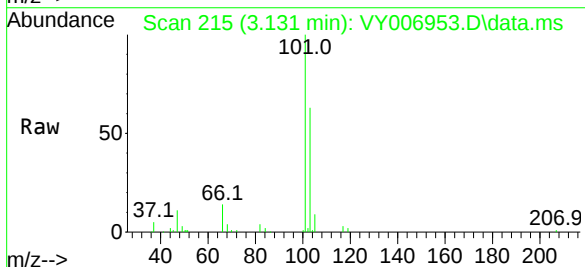
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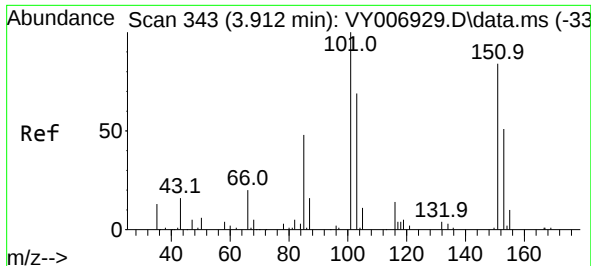
Tgt Ion: 64 Resp: 47306
Ion Ratio Lower Upper
64 100
66 33.4 21.1 39.3



#9
Trichlorofluoromethane
Concen: 21.925 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion:101 Resp: 39853
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9





#10

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

Concen: 24.919 ug/L

RT: 3.911 min Scan# 343

Delta R.T. 0.005 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025896

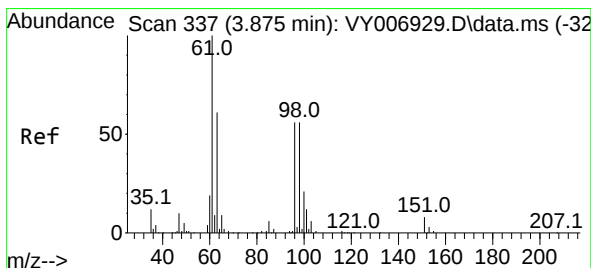
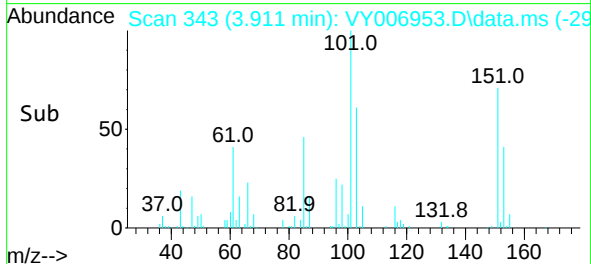
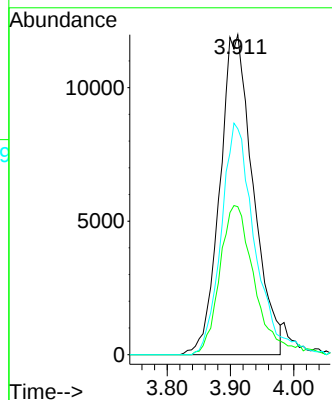
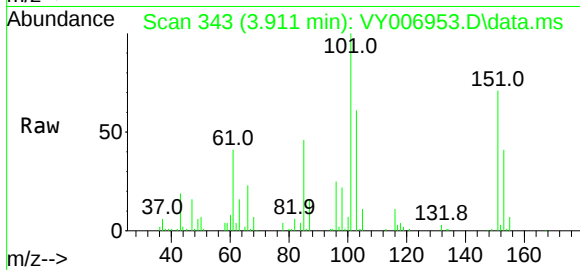
Tgt Ion:101 Resp: 43912

Ion Ratio Lower Upper

101 100

85 47.9 38.2 57.2

151 72.8 64.2 96.4



#12

1,1-Dichloroethene

Concen: 24.030 ug/L

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

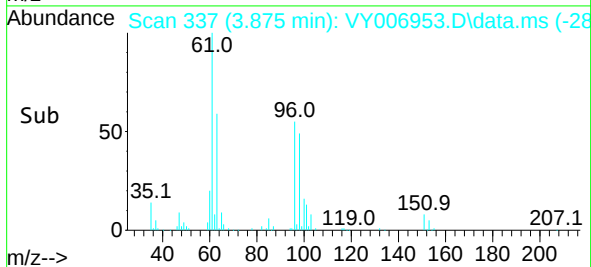
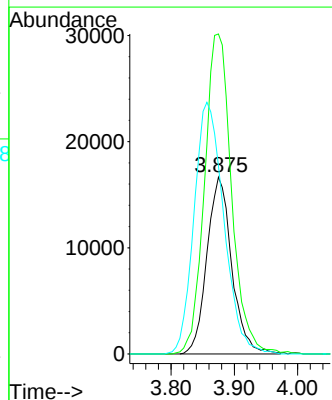
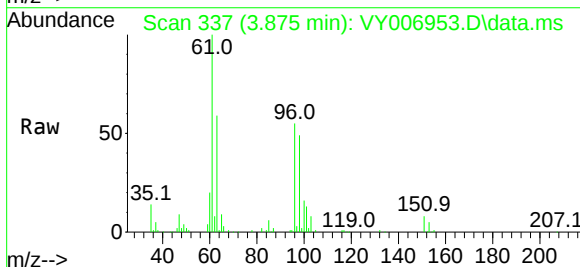
Tgt Ion: 96 Resp: 45597

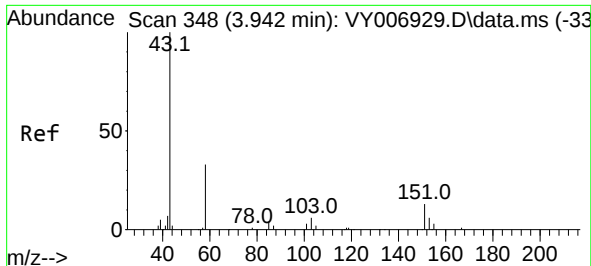
Ion Ratio Lower Upper

96 100

61 181.0 123.3 229.1

63 106.4 91.2 169.4





#13

Acetone

Concen: 51.191 ug/L

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

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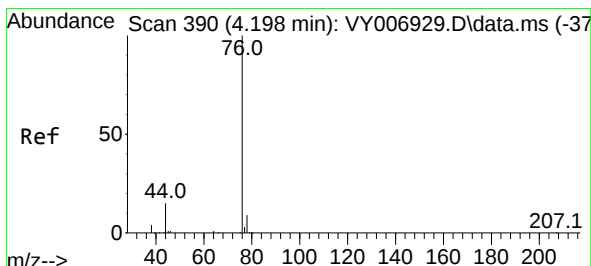
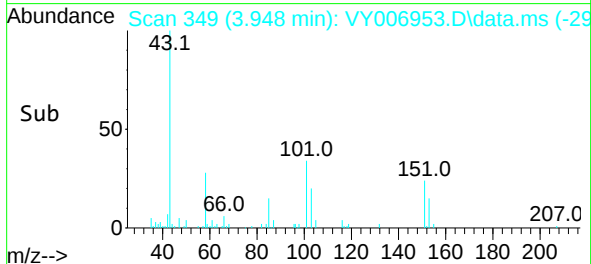
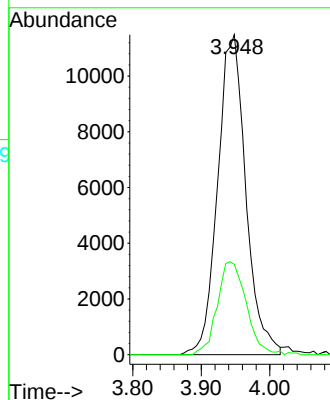
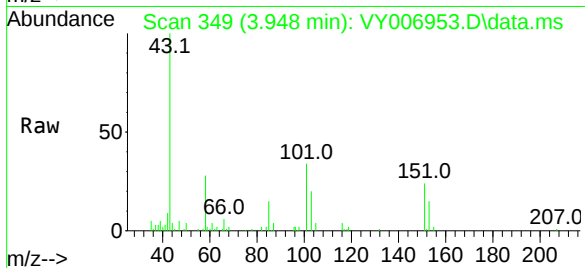
VSTD025896

Tgt Ion: 43 Resp: 32723

Ion Ratio Lower Upper

43 100

58 29.7 0.0 60.8



#14

Carbon disulfide

Concen: 23.469 ug/L

RT: 4.198 min Scan# 390

Delta R.T. -0.000 min

Lab File: VY006953.D

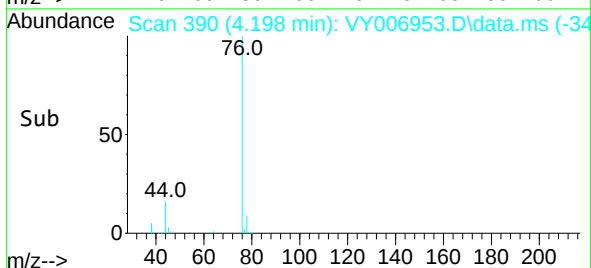
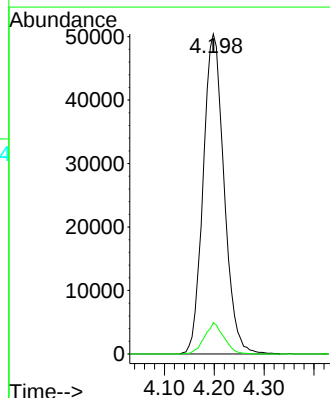
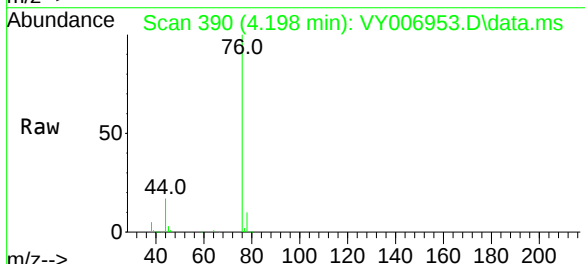
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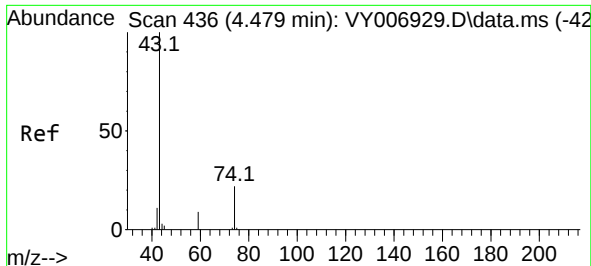
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Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4

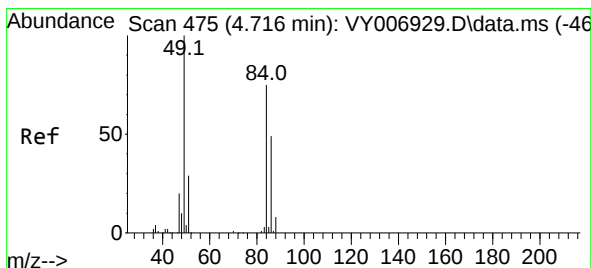
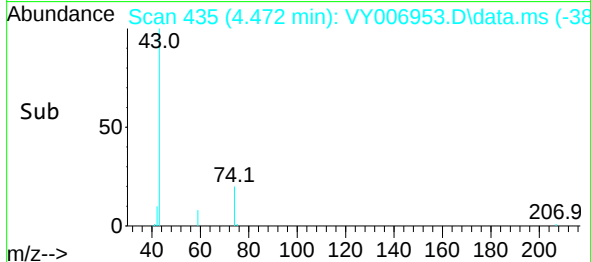
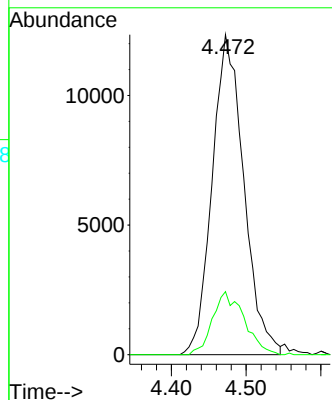
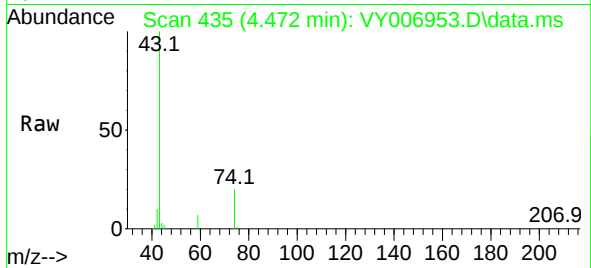




#15
Methyl Acetate
Concen: 26.035 ug/L
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

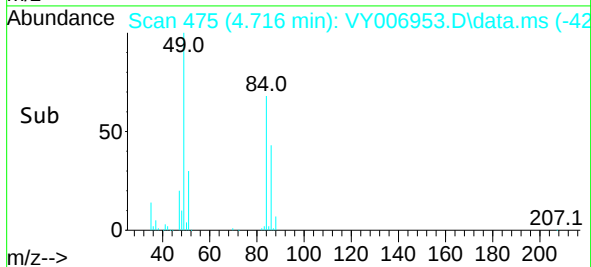
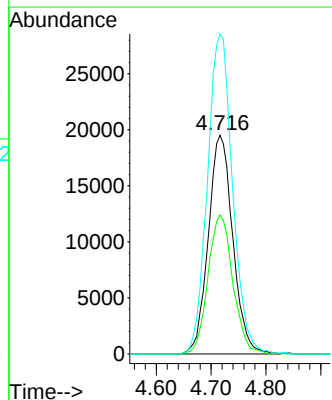
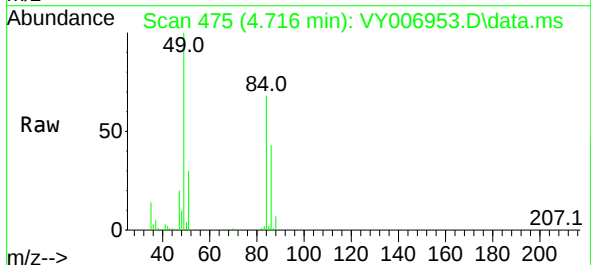
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

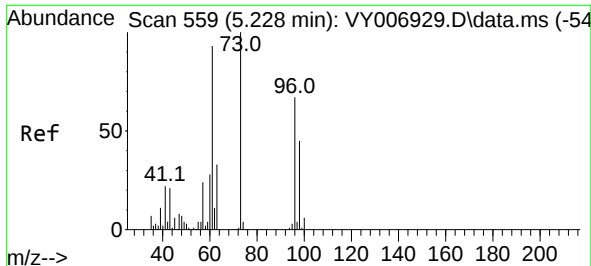
Tgt Ion: 43 Resp: 36283
Ion Ratio Lower Upper
43 100
74 11.2 17.4 26.2#



#16
Methylene chloride
Concen: 24.061 ug/L
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 84 Resp: 60501
Ion Ratio Lower Upper
84 100
86 63.6 43.4 80.6
49 146.3 89.1 165.5

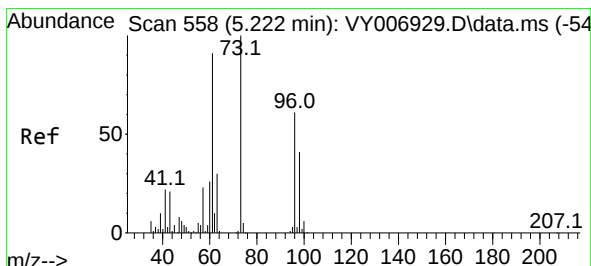
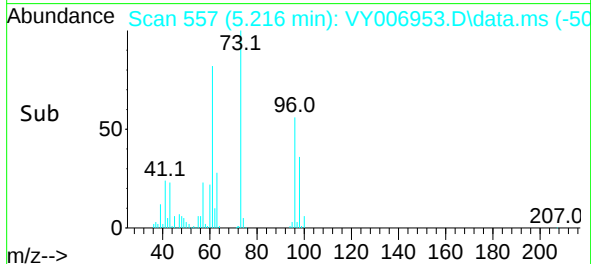
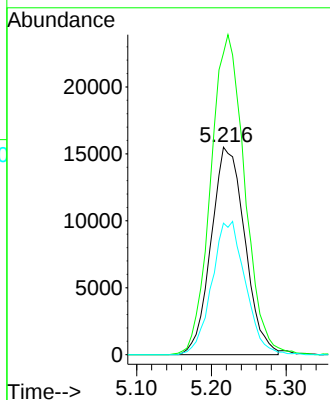
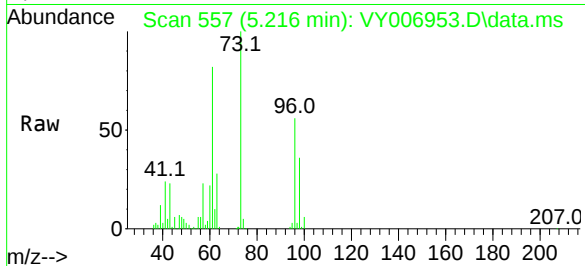




#17
trans-1,2-Dichloroethene
Concen: 24.024 ug/L
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

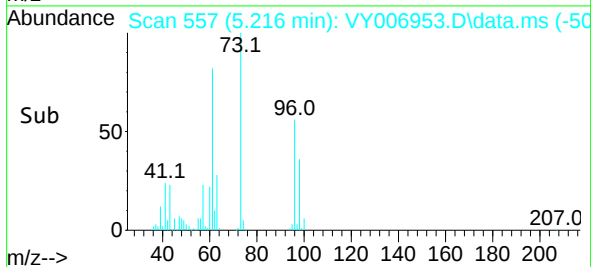
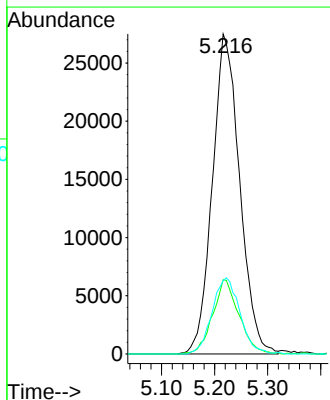
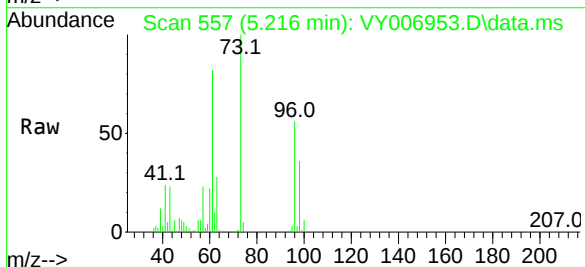
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

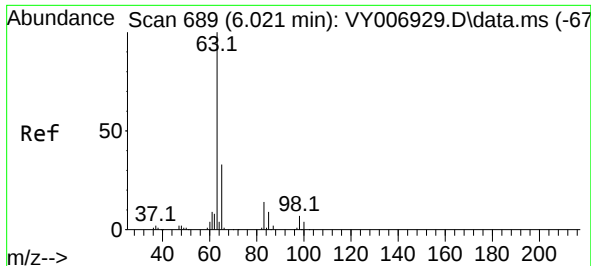
Tgt Ion: 96 Resp: 48605
Ion Ratio Lower Upper
96 100
61 145.4 98.5 182.9
98 63.4 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 26.935 ug/L
RT: 5.216 min Scan# 557
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 73 Resp: 98304
Ion Ratio Lower Upper
73 100
43 22.3 16.9 25.3
57 24.2 18.1 27.1





#19

1,1-Dichloroethane

Concen: 27.230 ug/L

RT: 6.021 min Scan# 61

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025896

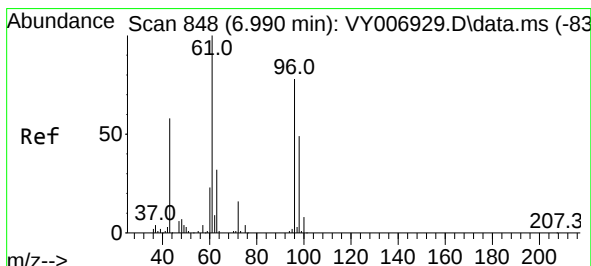
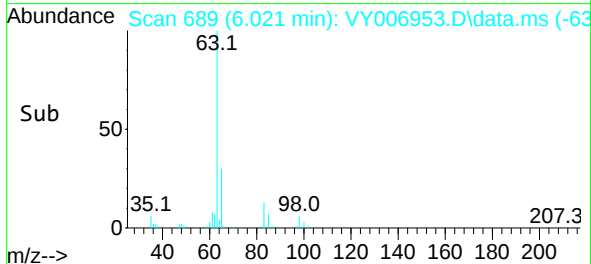
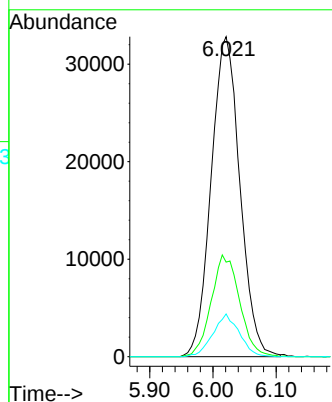
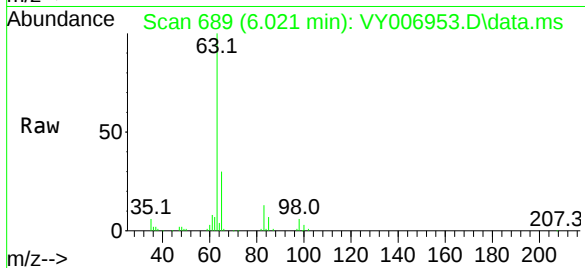
Tgt Ion: 63 Resp: 103617

Ion Ratio Lower Upper

63 100

65 29.6 21.0 39.0

83 13.3 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 28.304 ug/L

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

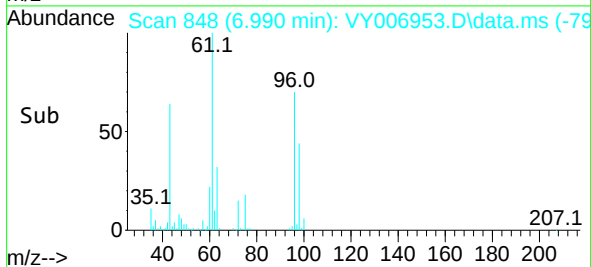
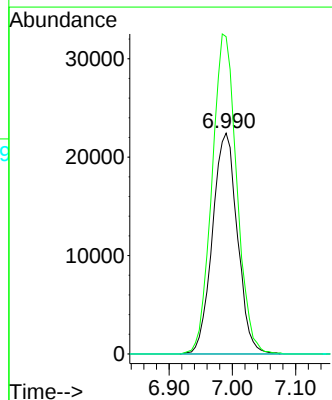
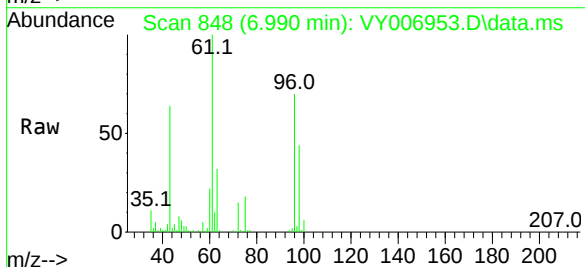
Tgt Ion: 96 Resp: 61404

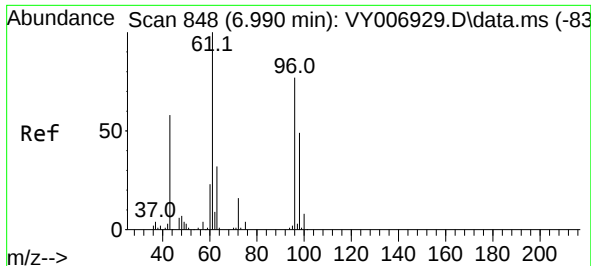
Ion Ratio Lower Upper

96 100

61 143.7 94.2 175.0

68 0.0 0.0 0.0

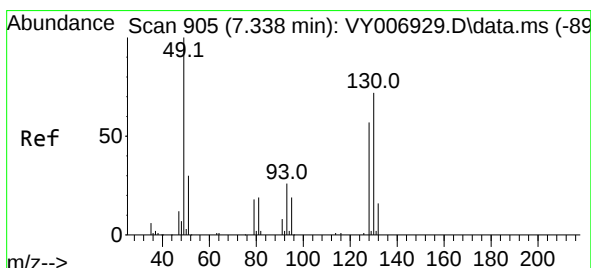
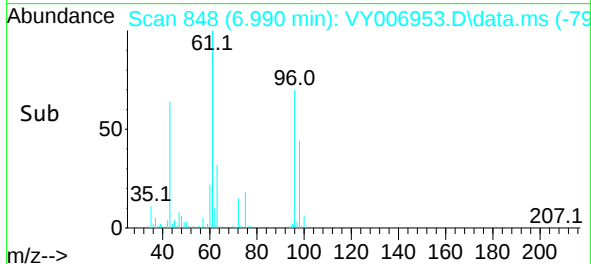
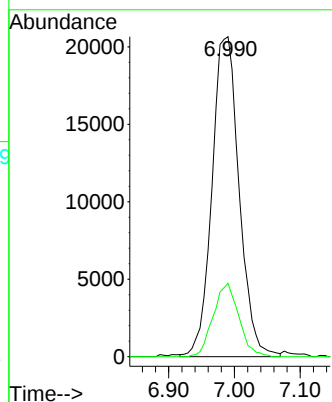
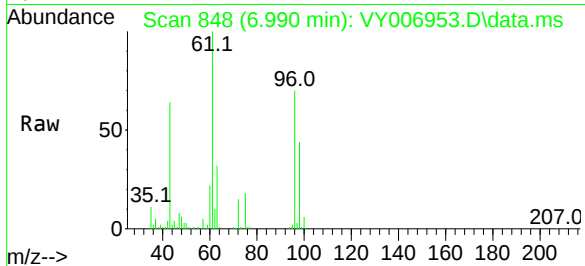




#22
2-Butanone
Concen: 66.448 ug/L
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

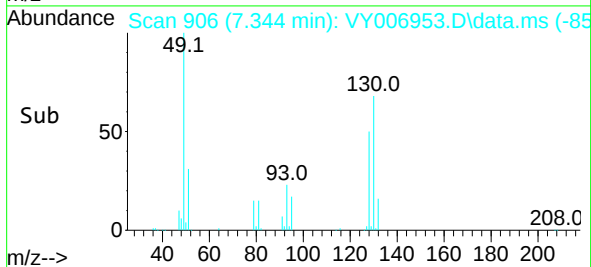
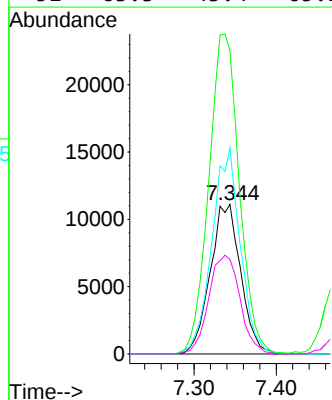
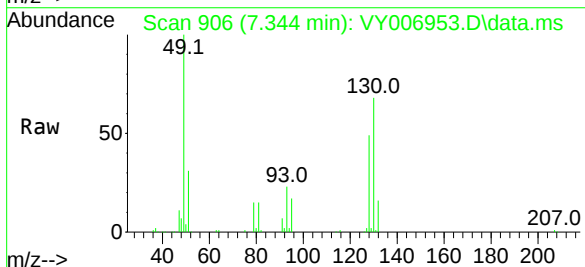
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

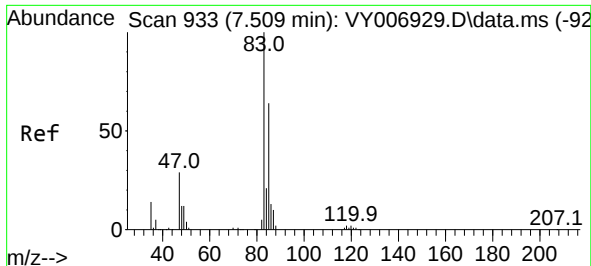
Tgt Ion: 43 Resp: 59418
Ion Ratio Lower Upper
43 100
72 21.6 12.9 38.6



#23
Bromochloromethane
Concen: 28.935 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 128 Resp: 28645
Ion Ratio Lower Upper
128 100
49 202.5 123.5 229.3
130 137.6 88.5 164.4
51 63.3 43.4 65.2

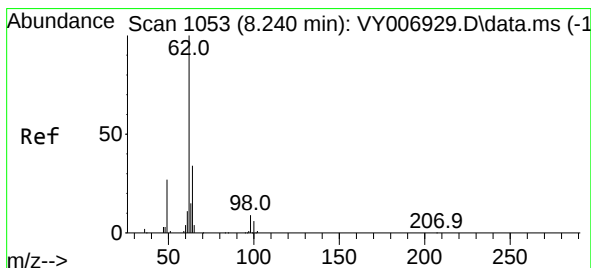
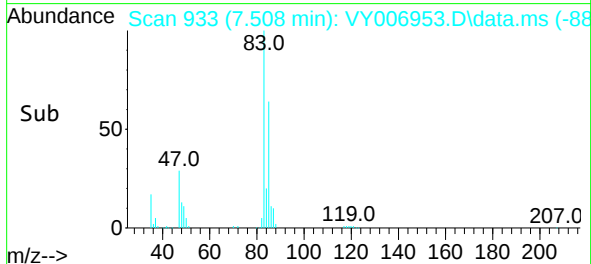
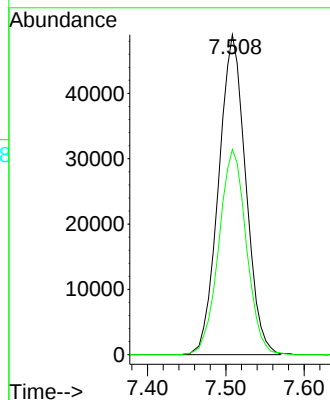
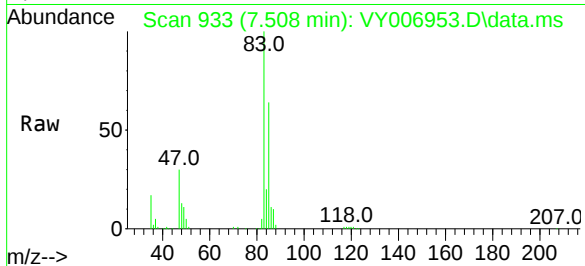




#25
Chloroform
Concen: 30.743 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

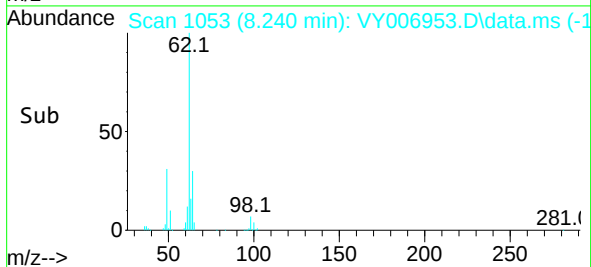
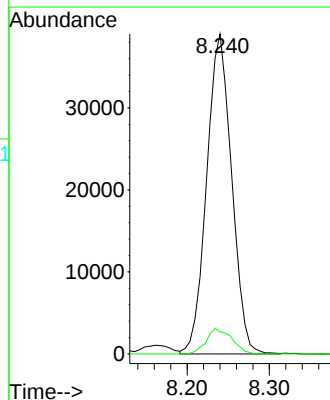
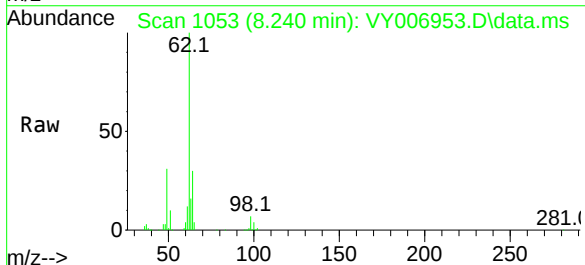
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

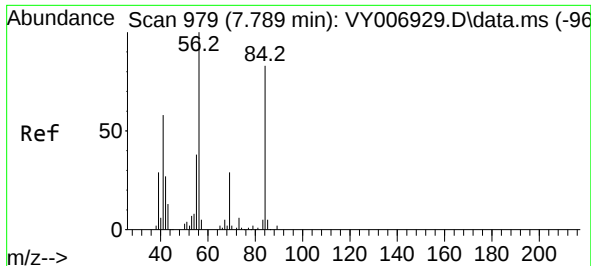
Tgt Ion: 83 Resp: 117853
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.2



#27
1,2-Dichloroethane
Concen: 29.656 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 62 Resp: 82385
Ion Ratio Lower Upper
62 100
98 7.0 6.9 10.3





#29

Cyclohexane

Concen: 29.197 ug/L

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025896

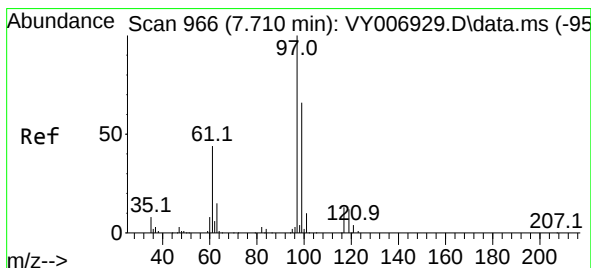
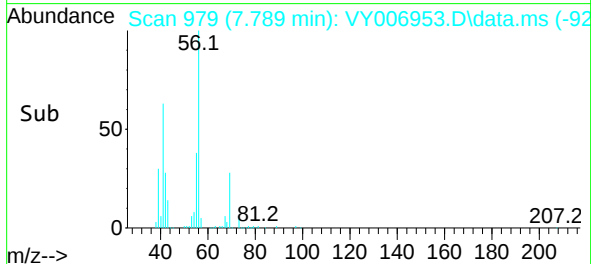
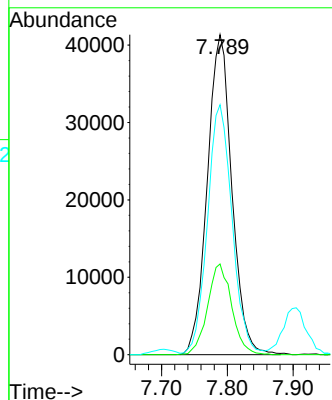
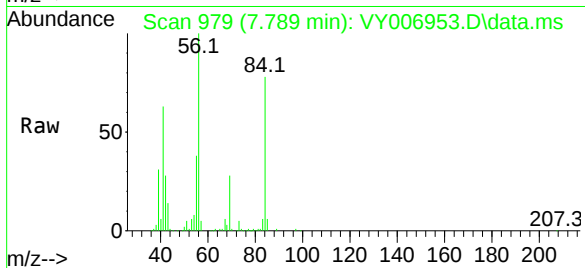
Tgt Ion: 56 Resp: 107553

Ion Ratio Lower Upper

56 100

69 27.7 24.1 36.1

84 78.5 67.8 101.6



#30

1,1,1-Trichloroethane

Concen: 28.171 ug/L

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

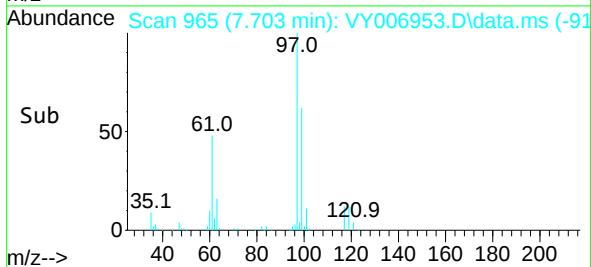
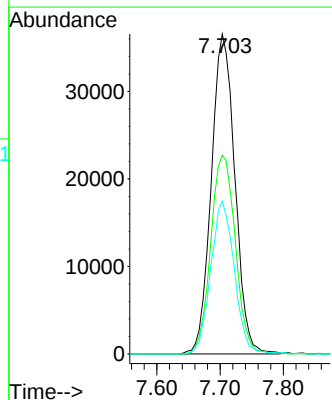
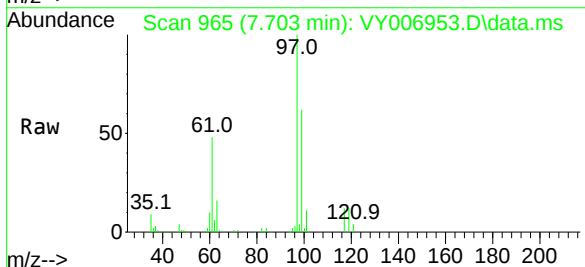
Tgt Ion: 97 Resp: 94716

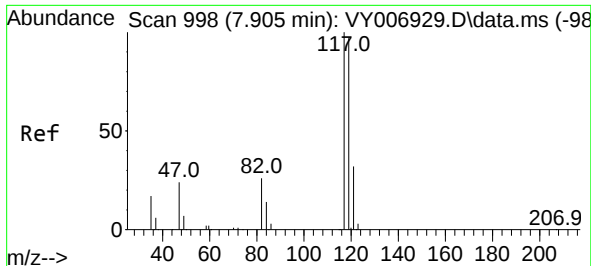
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.2

61 47.7 35.7 53.5

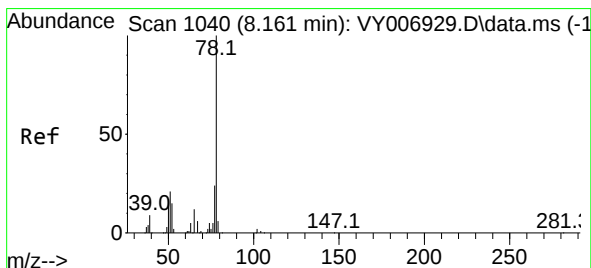
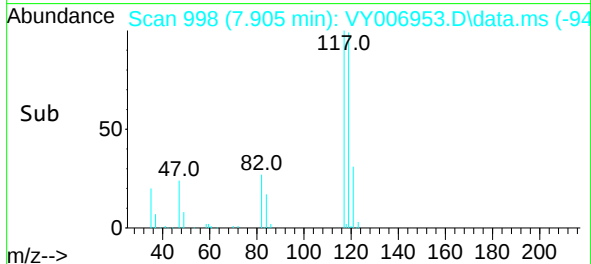
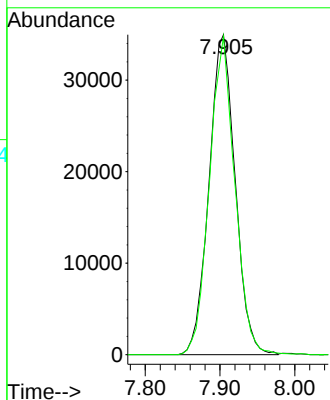
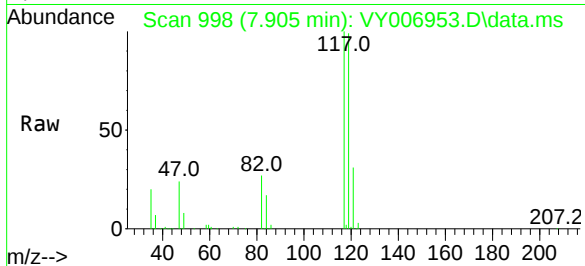




#31
Carbon tetrachloride
Concen: 26.571 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

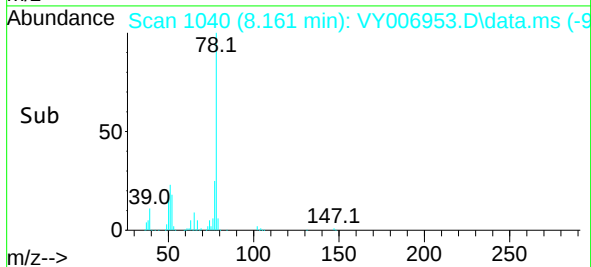
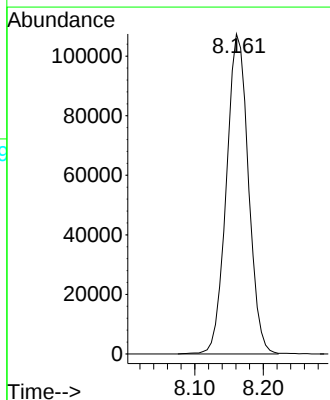
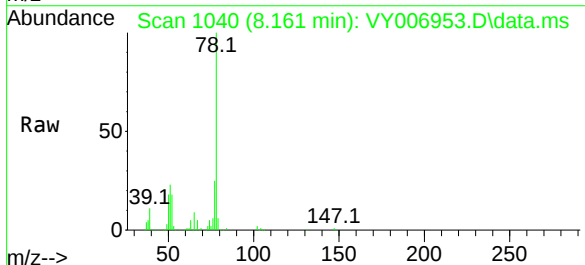
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

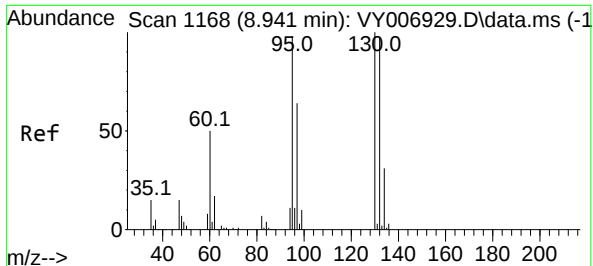
Tgt Ion:117 Resp: 85240
Ion Ratio Lower Upper
117 100
119 96.4 76.4 114.6



#33
Benzene
Concen: 26.951 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 78 Resp: 239483

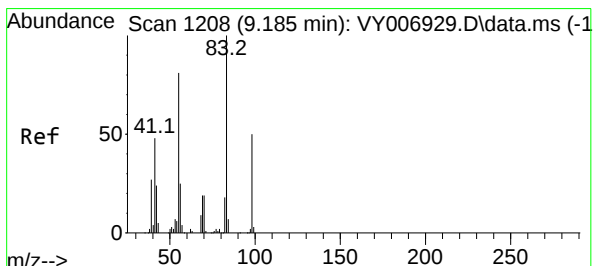
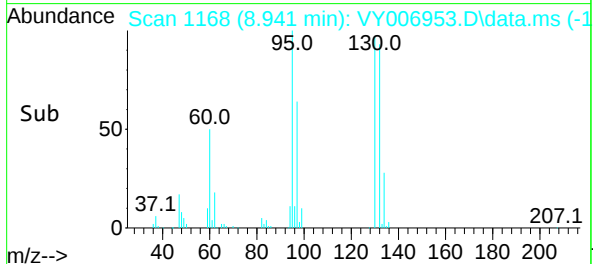
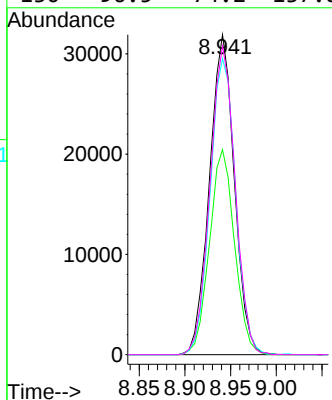
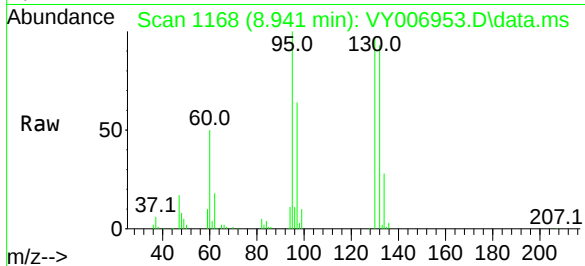




#34
Trichloroethene
Concen: 27.591 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

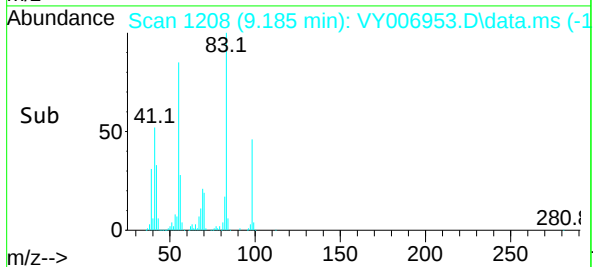
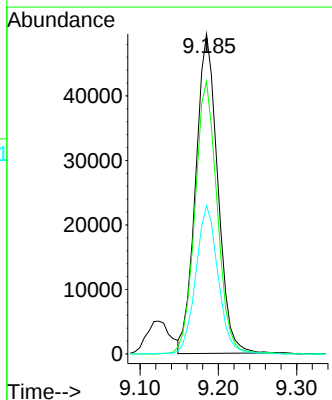
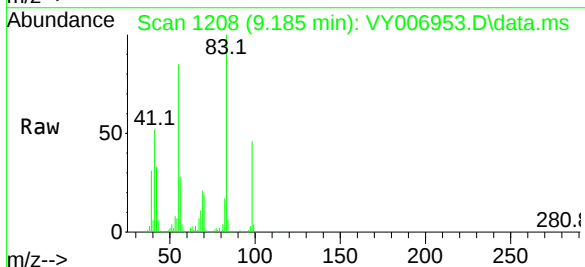
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

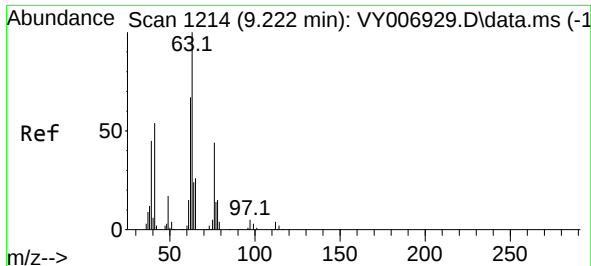
Tgt Ion: 95 Resp: 60388
Ion Ratio Lower Upper
95 100
97 64.1 47.3 87.8
132 92.6 71.3 132.5
130 96.5 74.2 137.8



#35
Methylcyclohexane
Concen: 24.732 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 83 Resp: 96994
Ion Ratio Lower Upper
83 100
55 85.9 62.6 94.0
98 46.1 39.1 58.7





#37

1,2-Dichloropropane

Concen: 29.799 ug/L

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

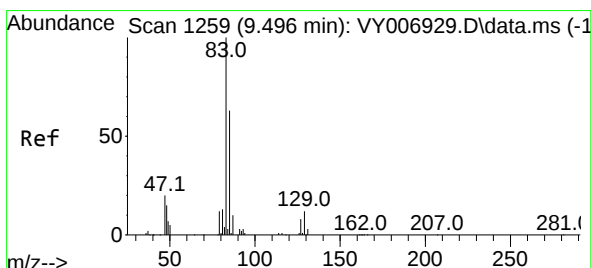
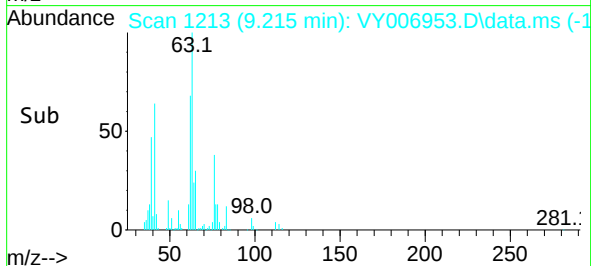
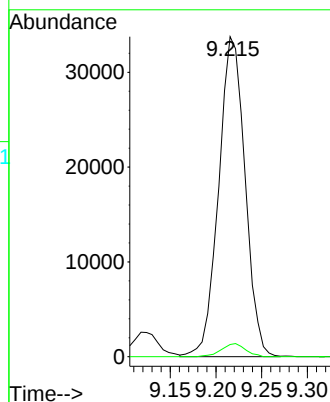
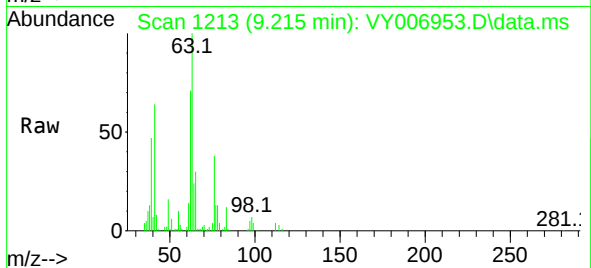
VSTD025896

Tgt Ion: 63 Resp: 67876

Ion Ratio Lower Upper

63 100

112 3.7 3.4 5.2



#38

Bromodichloromethane

Concen: 29.371 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

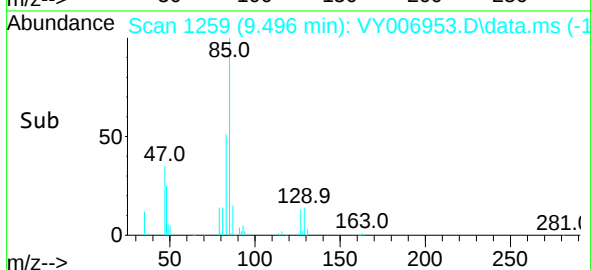
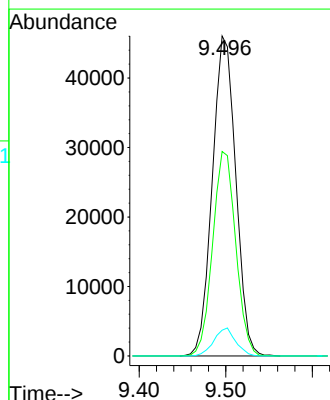
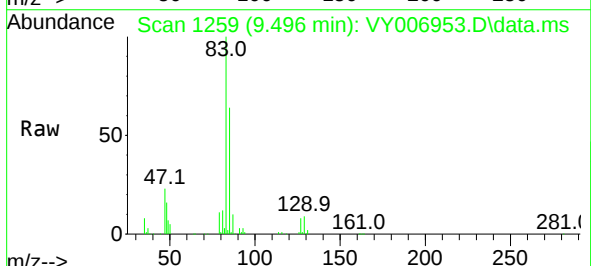
Tgt Ion: 83 Resp: 86678

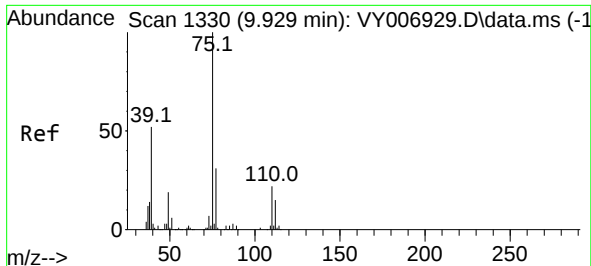
Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.931 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

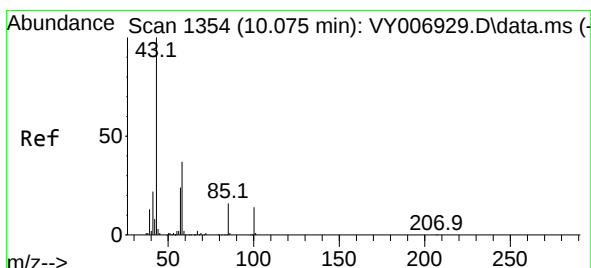
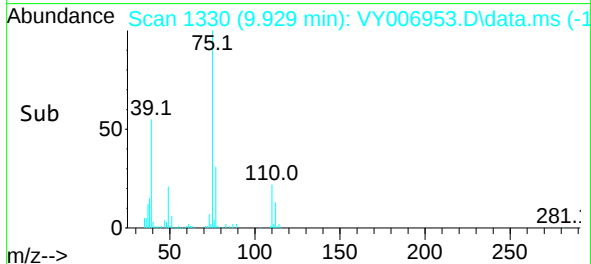
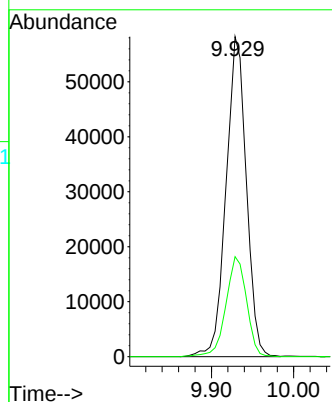
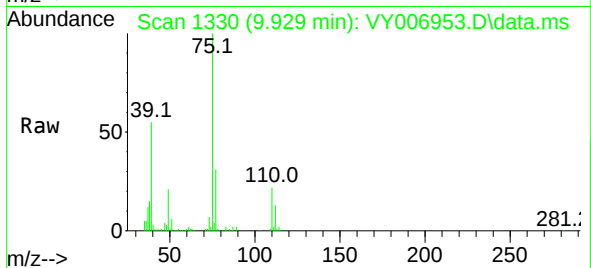
VSTD025896

Tgt Ion: 75 Resp: 99869

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 62.120 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

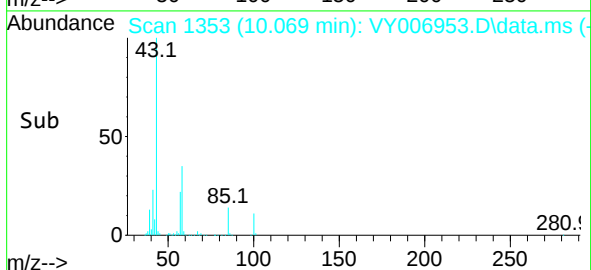
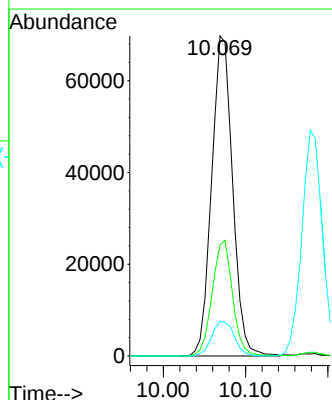
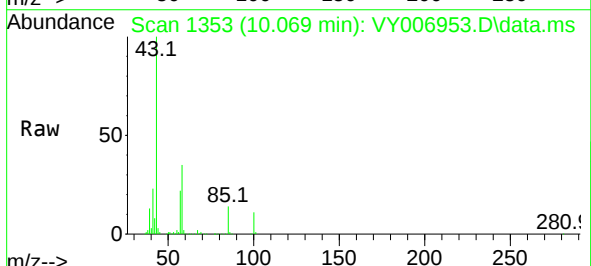
Tgt Ion: 43 Resp: 123416

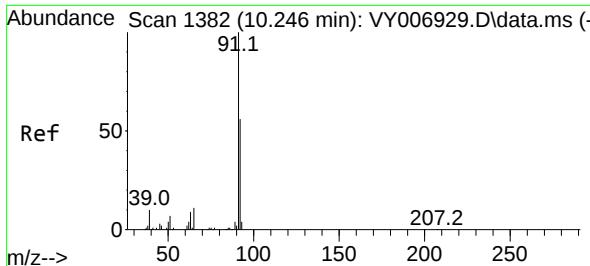
Ion Ratio Lower Upper

43 100

58 35.1 28.6 43.0

100 11.7 11.1 16.7

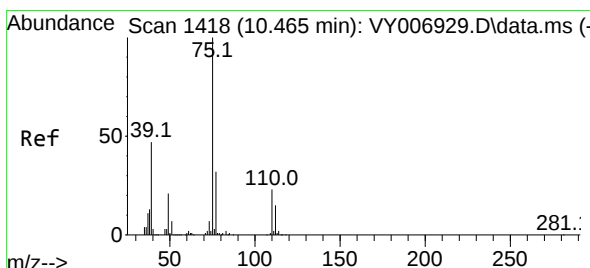
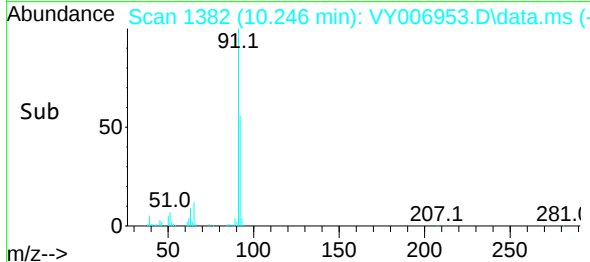
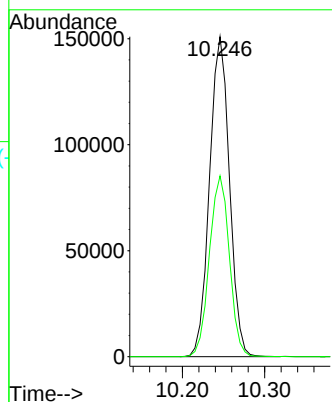
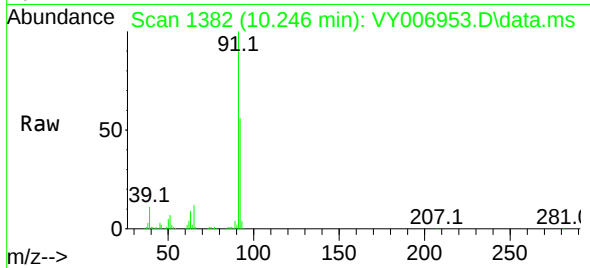




#42
Toluene
Concen: 26.794 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

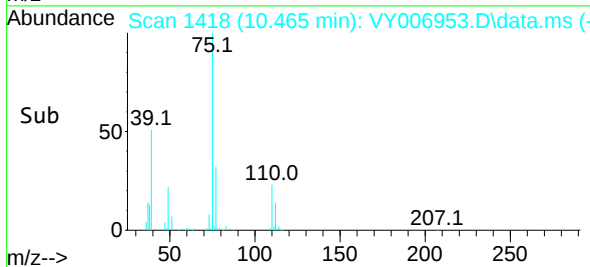
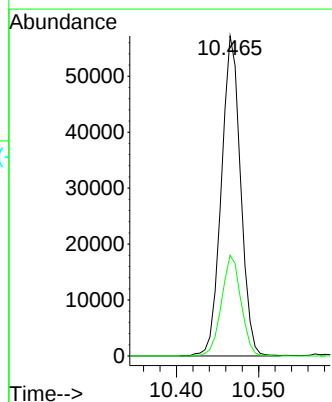
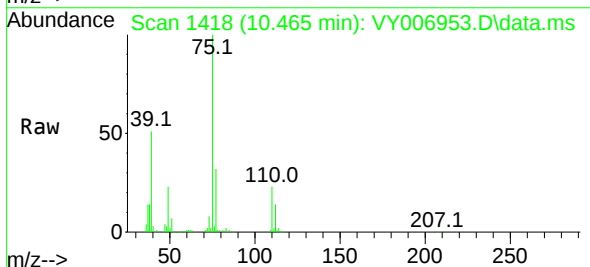
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

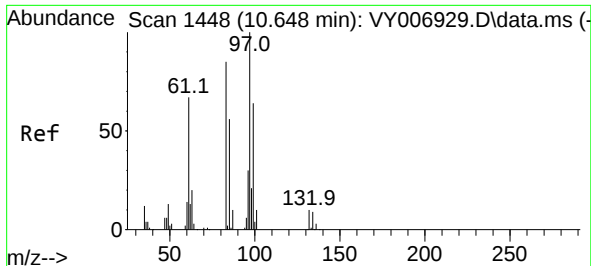
Tgt Ion: 91 Resp: 254002
Ion Ratio Lower Upper
91 100
92 56.5 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 27.882 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 75 Resp: 93168
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0

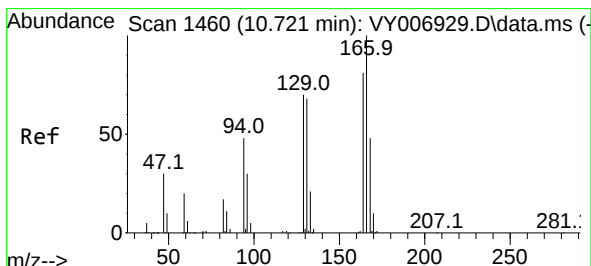
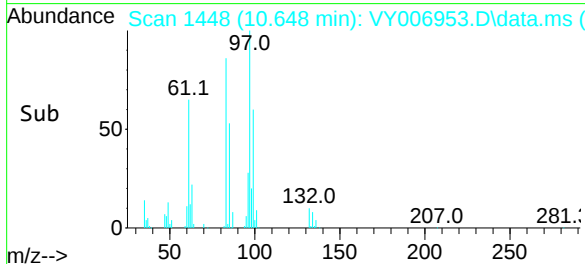
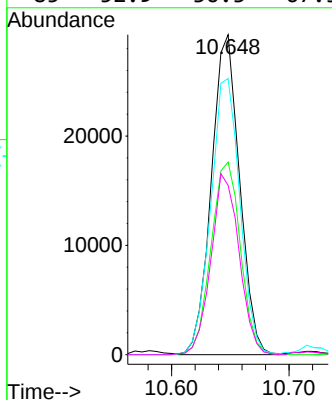
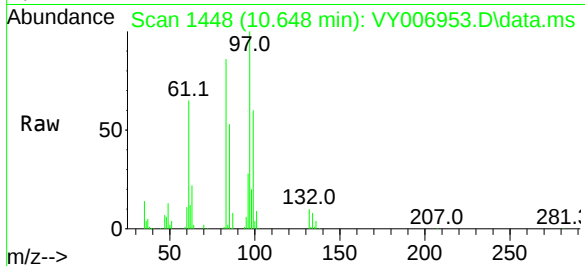




#45
1,1,2-Trichloroethane
Concen: 29.164 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

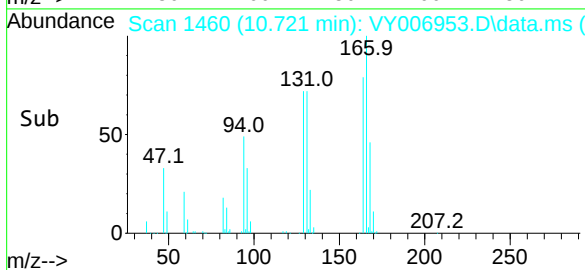
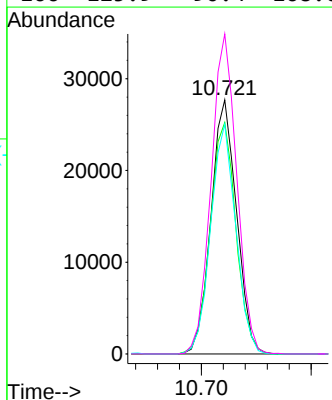
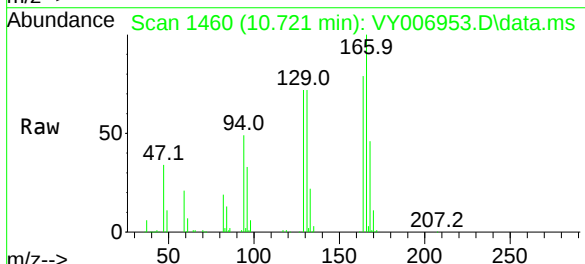
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

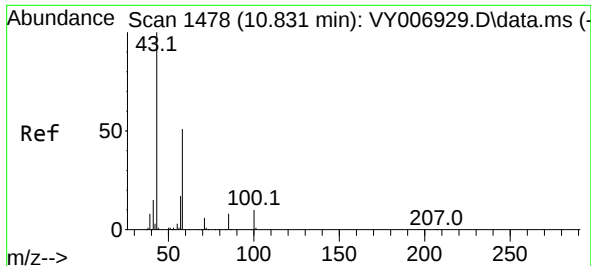
Tgt Ion: 97	Resp: 48943
Ion Ratio	Lower Upper
97 100	
99 60.2	43.0 79.8
83 86.3	58.9 109.3
85 52.9	36.3 67.3



#46
Tetrachloroethene
Concen: 24.526 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion:164	Resp: 44973
Ion Ratio	Lower Upper
164 100	
129 91.1	62.1 115.3
131 90.4	61.0 113.2
166 125.9	90.4 168.0

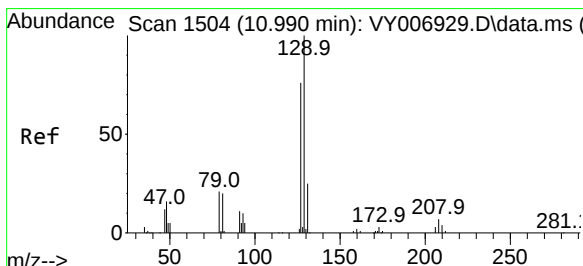
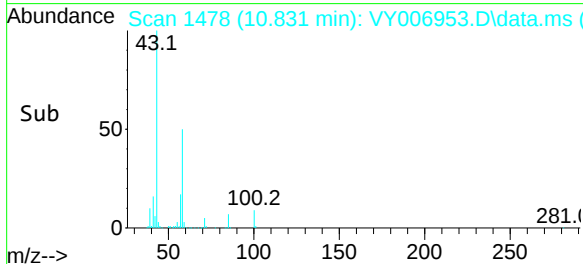
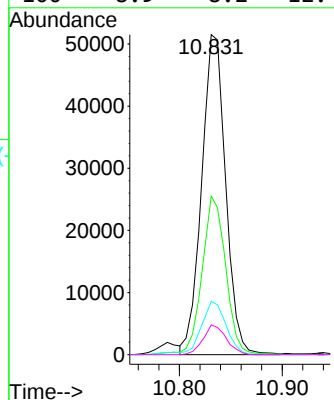
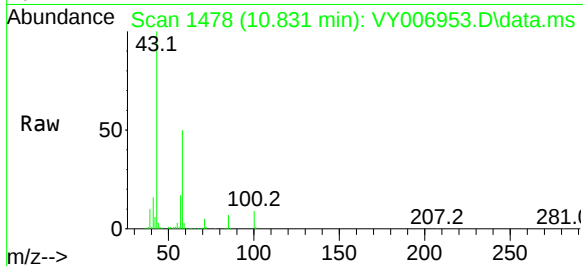




#48
2-Hexanone
Concen: 63.944 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

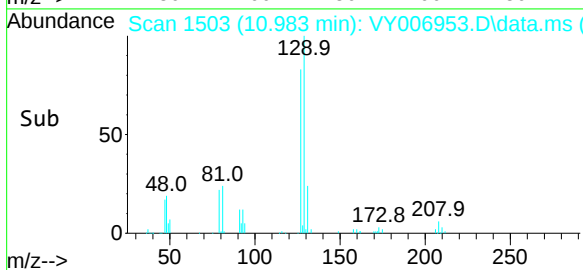
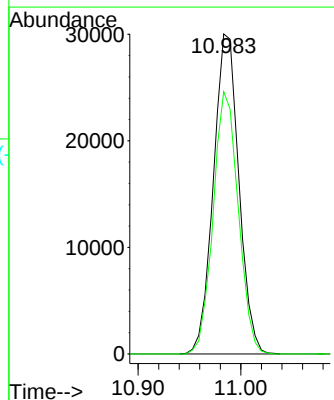
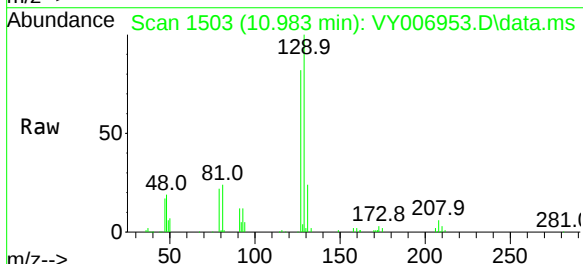
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

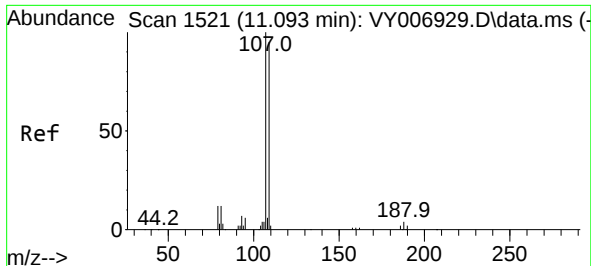
Tgt Ion: 43	Resp: 83836
Ion Ratio	Lower Upper
43 100	
58 47.8	39.9 59.9
57 16.8	14.2 21.4
100 8.9	8.2 12.4



#49
Dibromochloromethane
Concen: 25.294 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion:129	Resp: 51660		
Ion Ratio	Lower	Upper	
129 100			
127 82.0	52.1	96.9	





#50

1,2-Dibromoethane

Concen: 28.551 ug/L

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025896

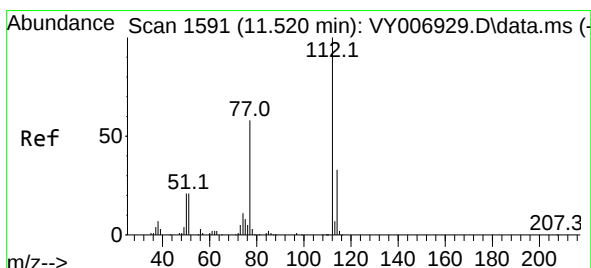
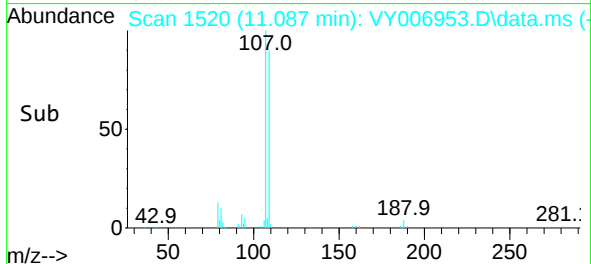
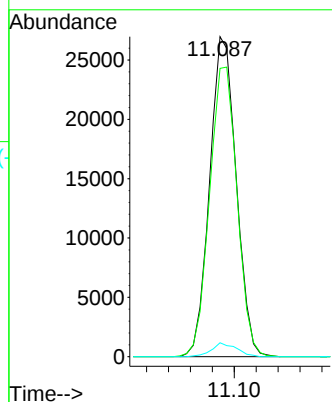
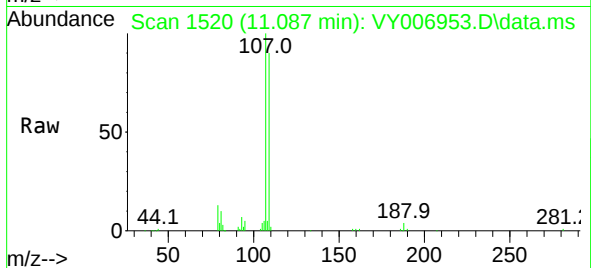
Tgt Ion:107 Resp: 45347

Ion Ratio Lower Upper

107 100

109 90.1 65.2 121.0

188 4.4 3.1 4.7



#51

Chlorobenzene

Concen: 25.546 ug/L

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

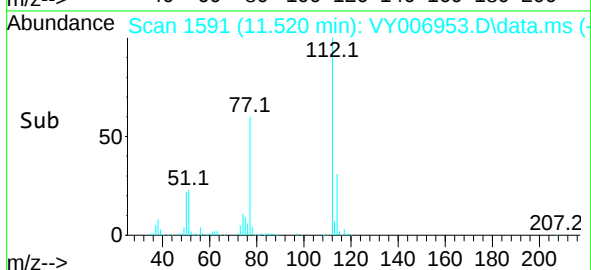
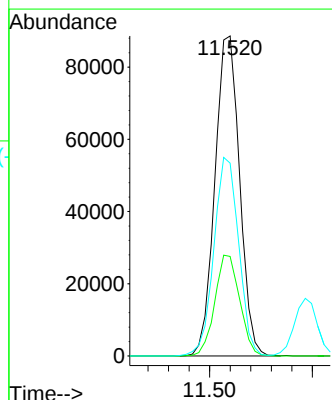
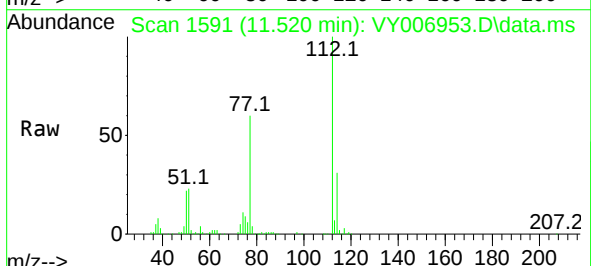
Tgt Ion:112 Resp: 147702

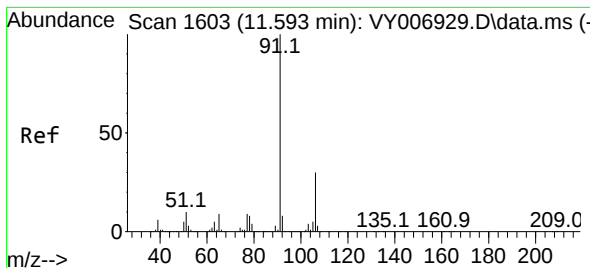
Ion Ratio Lower Upper

112 100

114 31.1 22.2 41.2

77 60.2 47.6 71.4

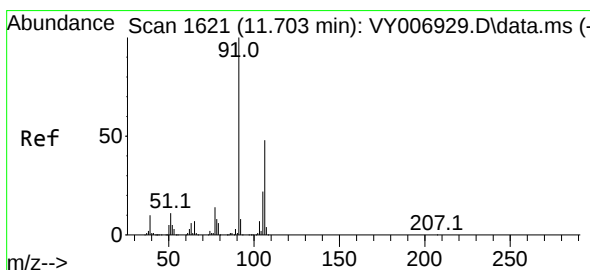
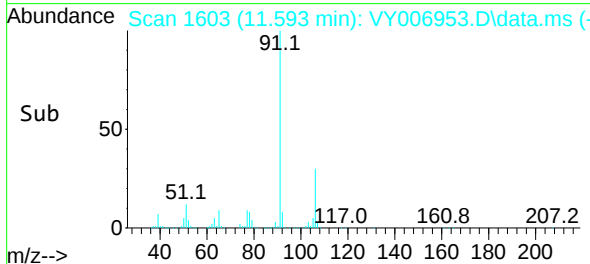
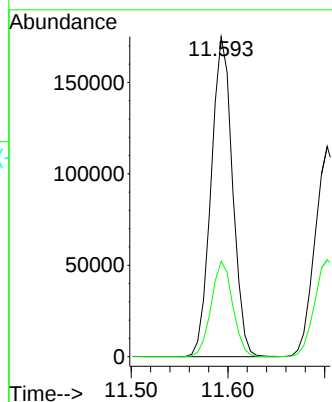
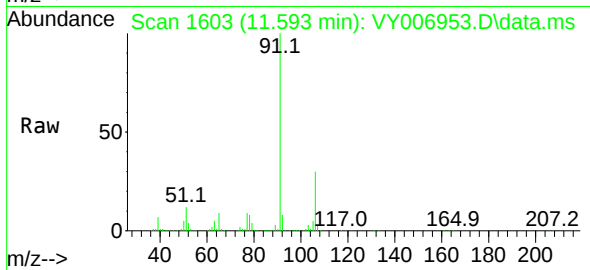




#52
Ethylbenzene
Concen: 26.399 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

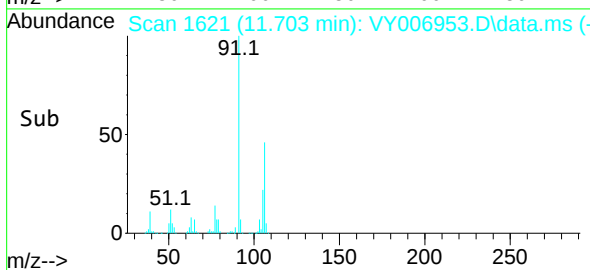
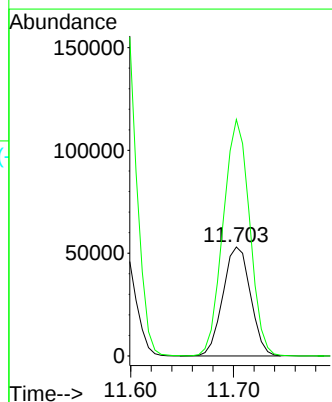
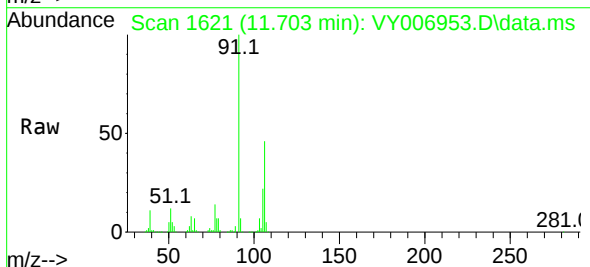
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

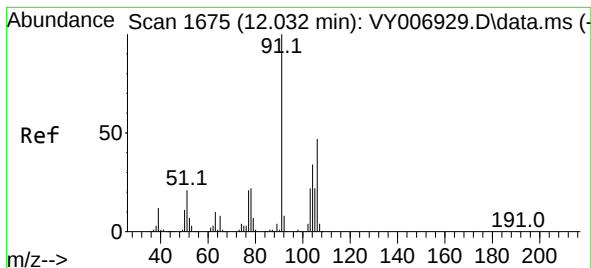
Tgt Ion: 91 Resp: 269002
Ion Ratio Lower Upper
91 100
106 29.8 21.4 39.8



#53
m,p-Xylene
Concen: 25.648 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 106 Resp: 98864
Ion Ratio Lower Upper
106 100
91 217.0 144.7 268.7





#54

o-Xylene

Concen: 23.886 ug/L

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

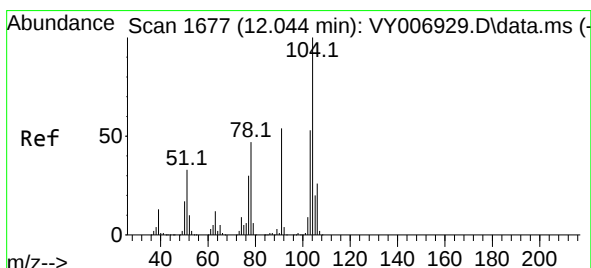
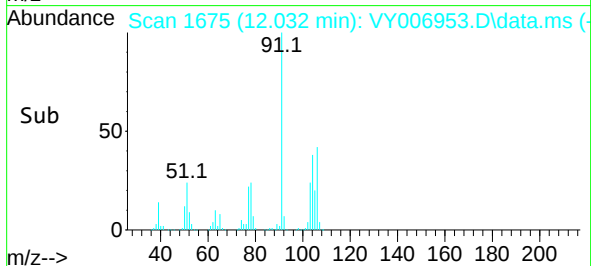
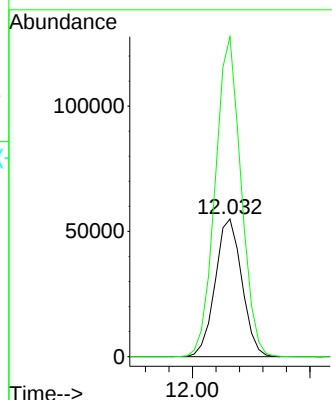
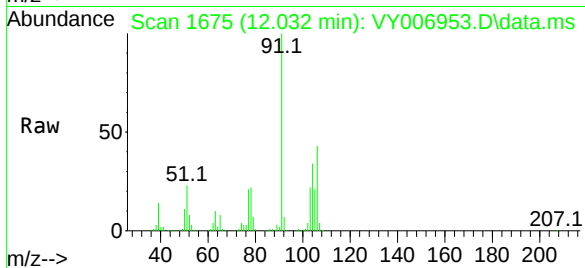
VSTD025896

Tgt Ion:106 Resp: 86613

Ion Ratio Lower Upper

106 100

91 232.6 155.5 288.7



#55

Styrene

Concen: 22.901 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY006953.D

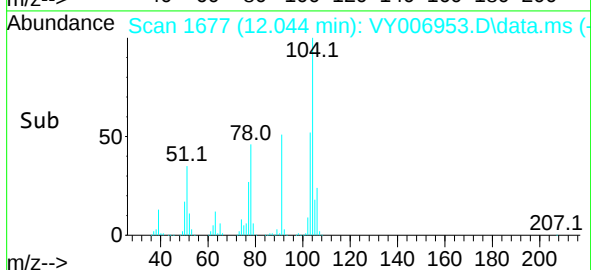
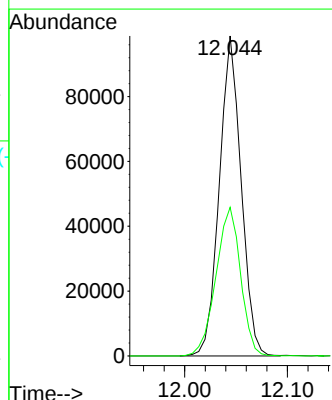
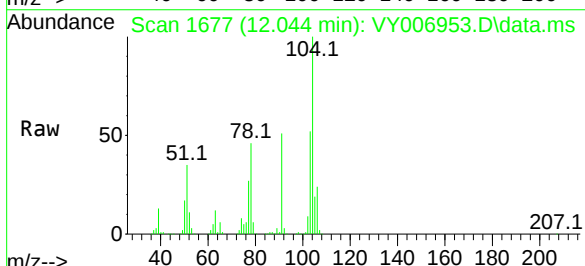
Acq: 04 Dec 2021 20:45

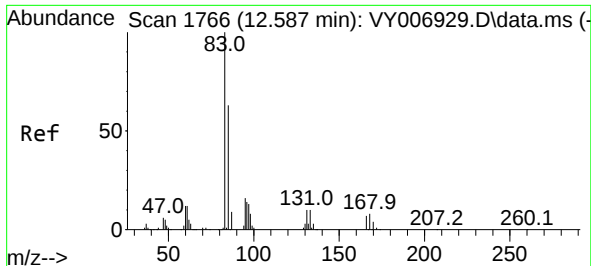
Tgt Ion:104 Resp: 145290

Ion Ratio Lower Upper

104 100

78 46.5 30.8 57.2





#57

1,1,2,2-Tetrachloroethane

Concen: 26.316 ug/L

RT: 12.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025896

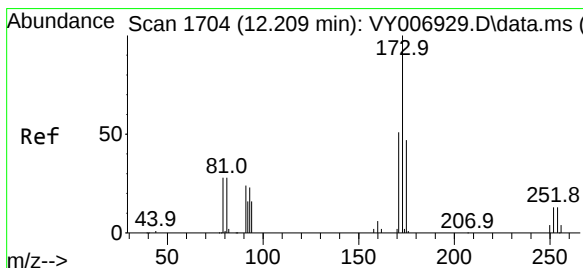
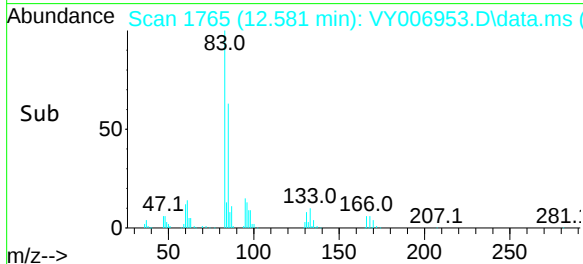
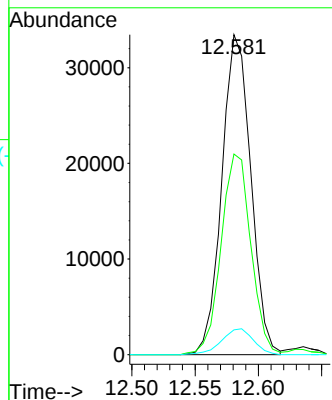
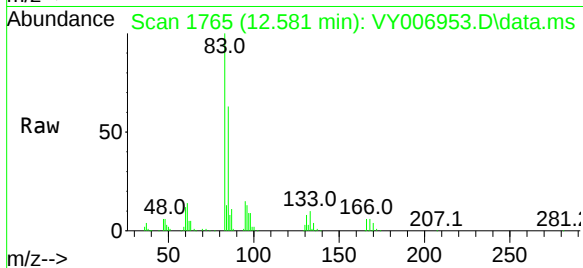
Tgt Ion: 83 Resp: 53287

Ion Ratio Lower Upper

83 100

85 62.7 45.4 84.2

131 7.8 7.8 11.8#



#59

Bromoform

Concen: 28.850 ug/L

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

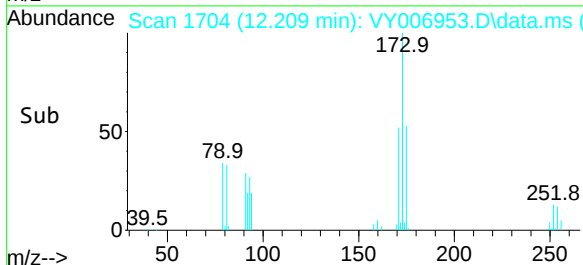
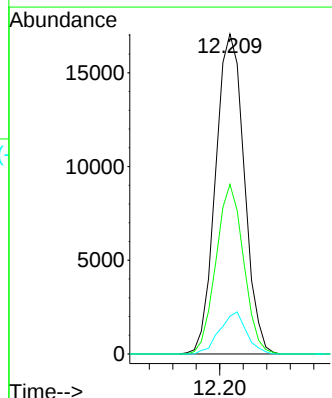
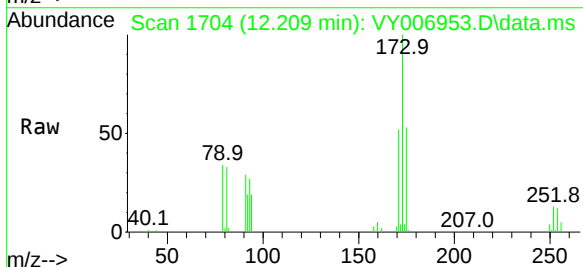
Tgt Ion: 173 Resp: 28929

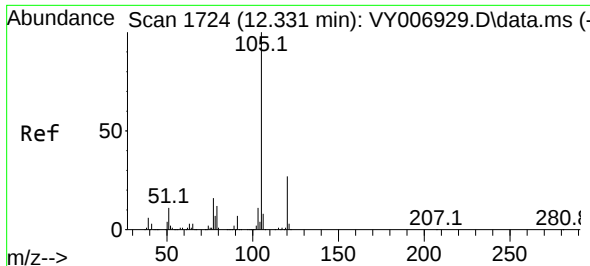
Ion Ratio Lower Upper

173 100

175 51.0 38.6 58.0

254 12.3 10.3 15.5

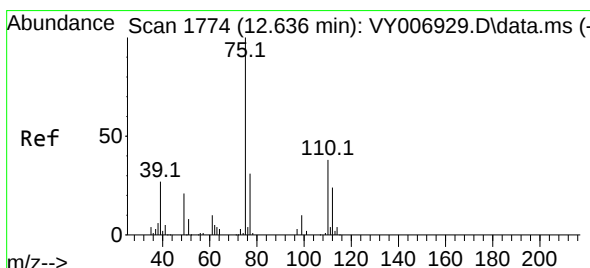
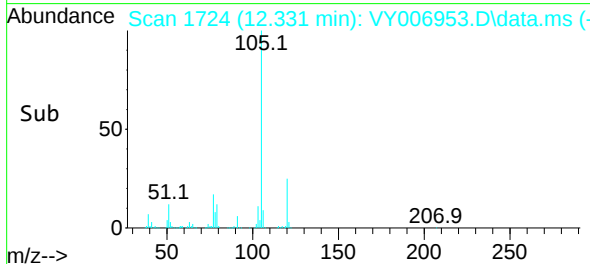
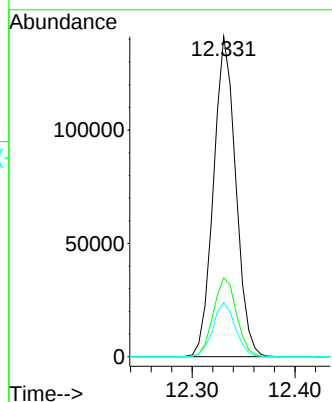
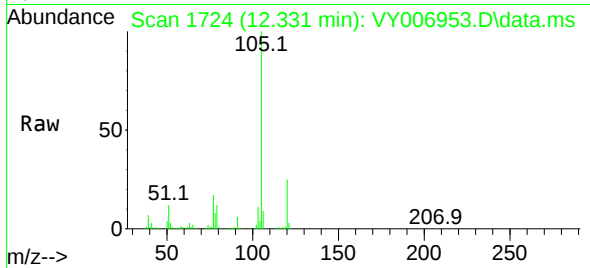




#60
Isopropylbenzene
Concen: 29.535 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

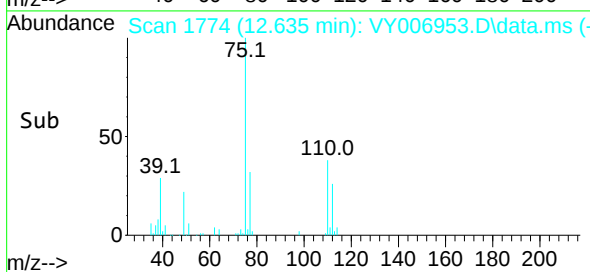
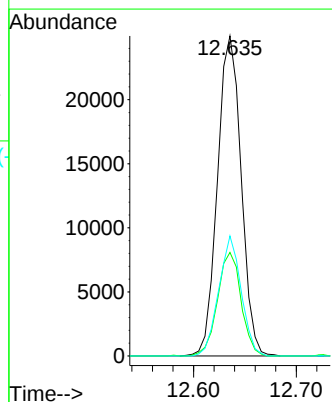
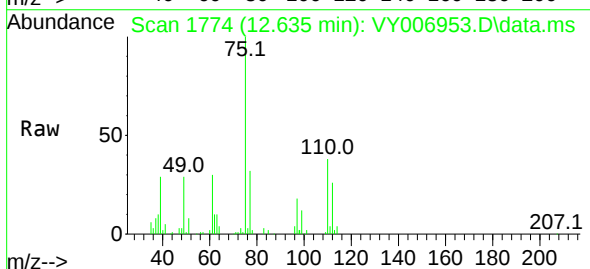
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

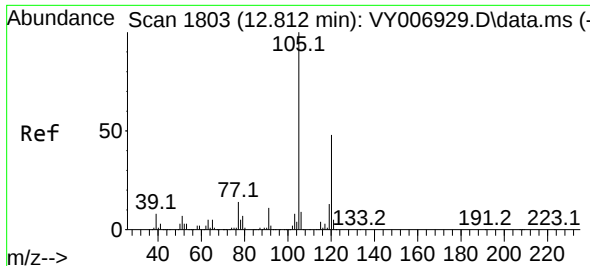
Tgt Ion:105 Resp: 212503
Ion Ratio Lower Upper
105 100
120 25.6 21.2 31.8
77 17.0 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 33.416 ug/L
RT: 12.635 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion: 75 Resp: 39936
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 35.6 31.7 47.5

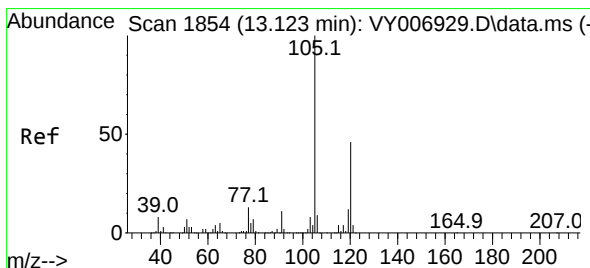
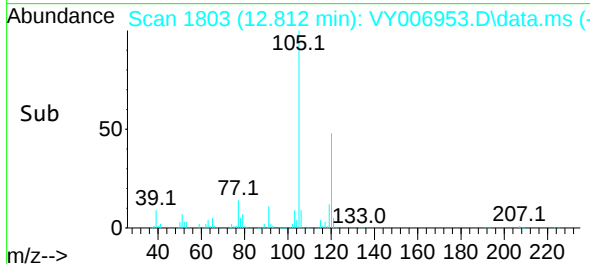
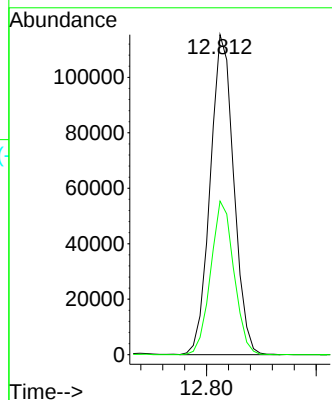
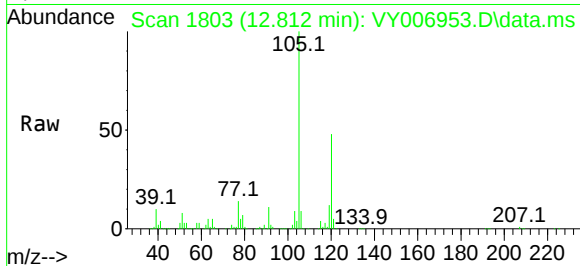




#62
1,3,5-Trimethylbenzene
Concen: 29.073 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

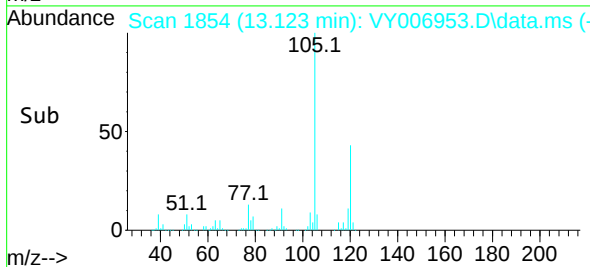
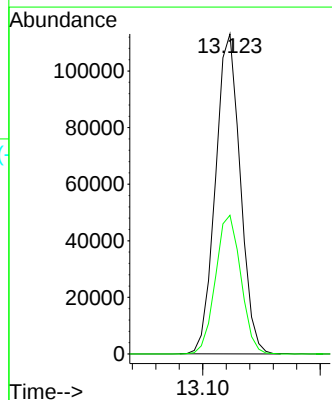
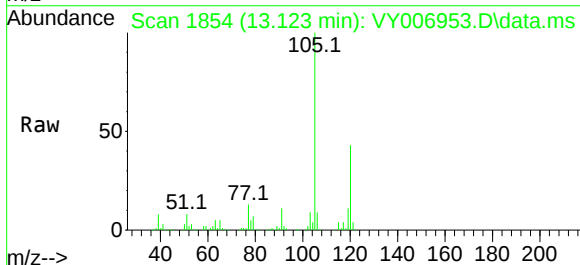
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

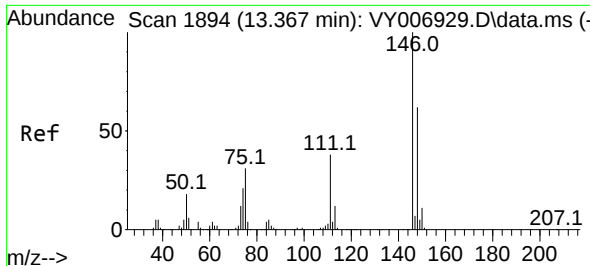
Tgt Ion:105 Resp: 171992
Ion Ratio Lower Upper
105 100
120 47.4 39.0 58.4



#63
1,2,4-Trimethylbenzene
Concen: 28.603 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion:105 Resp: 165512
Ion Ratio Lower Upper
105 100
120 44.4 36.0 54.0

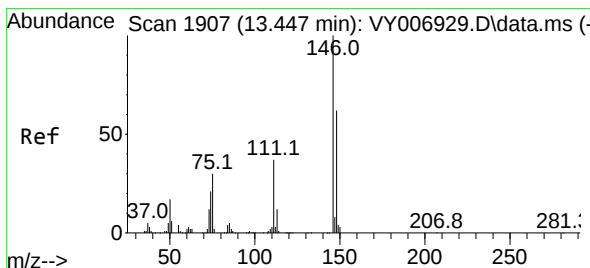
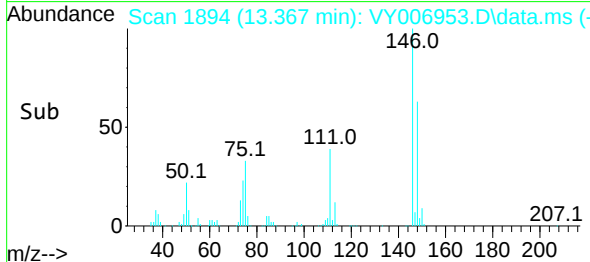
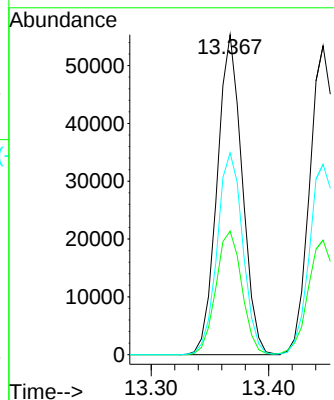
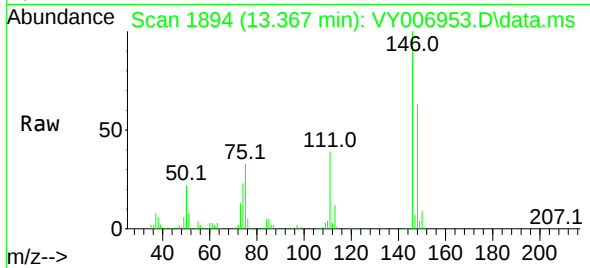




#64
1,3-Dichlorobenzene
Concen: 25.297 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

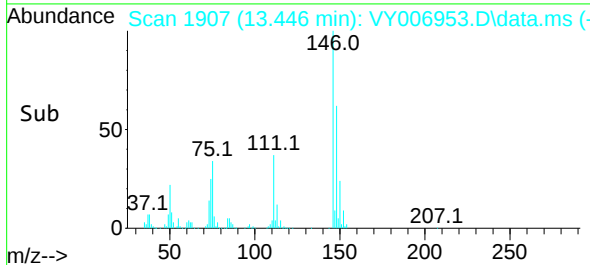
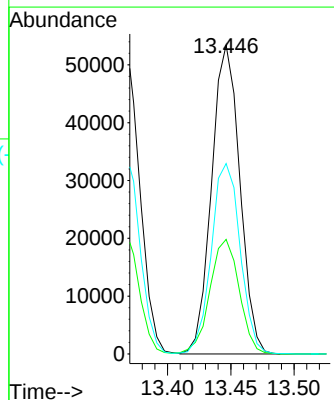
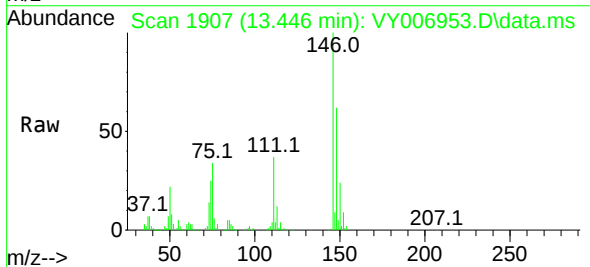
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025896

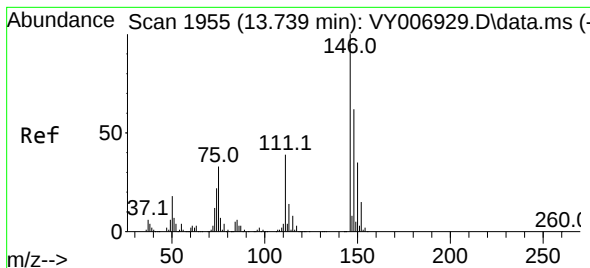
Tgt Ion:146 Resp: 81914
Ion Ratio Lower Upper
146 100
111 38.6 27.4 51.0
148 63.1 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 25.160 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006953.D
Acq: 04 Dec 2021 20:45

Tgt Ion:146 Resp: 83020
Ion Ratio Lower Upper
146 100
111 37.1 25.3 46.9
148 61.6 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 25.443 ug/L

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025896

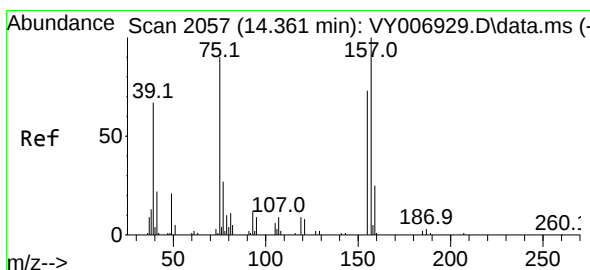
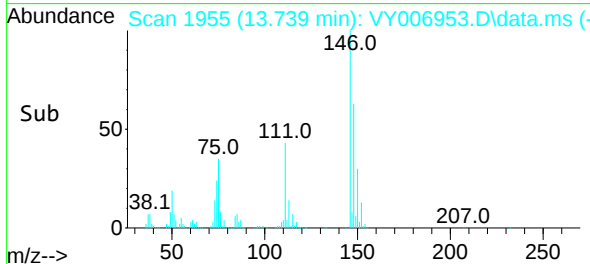
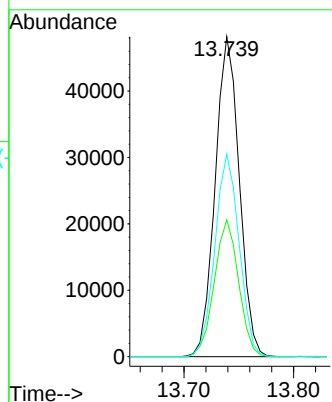
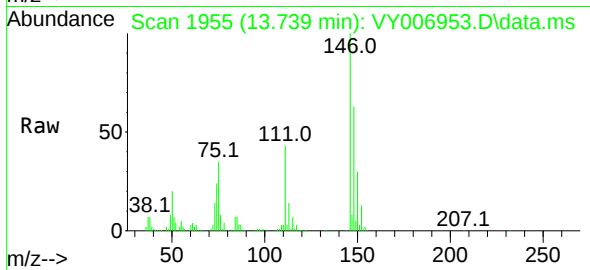
Tgt Ion:146 Resp: 73773

Ion Ratio Lower Upper

146 100

111 42.7 31.0 46.6

148 63.3 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 30.474 ug/L

RT: 14.361 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

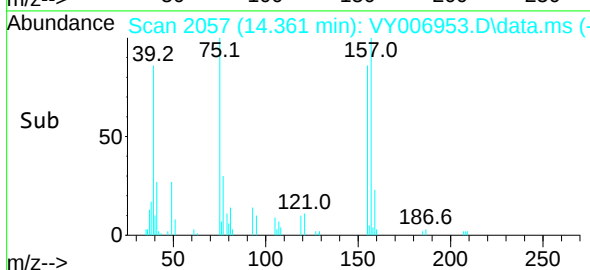
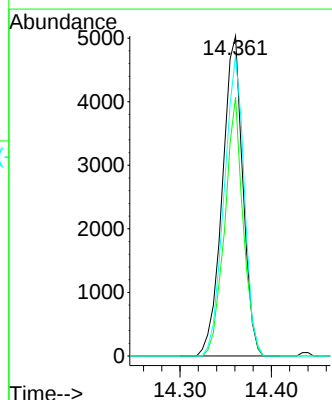
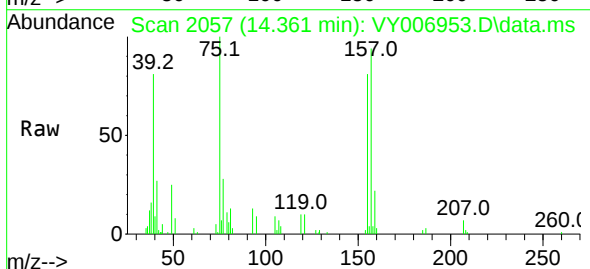
Tgt Ion: 75 Resp: 7842

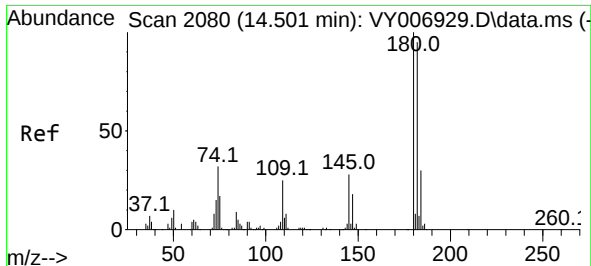
Ion Ratio Lower Upper

75 100

155 80.9 66.3 99.5

157 93.9 93.9 140.9#

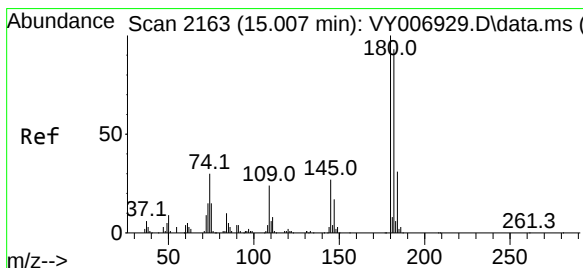
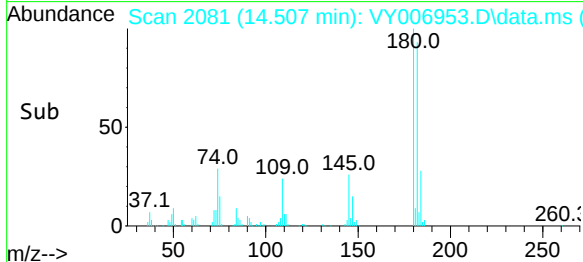
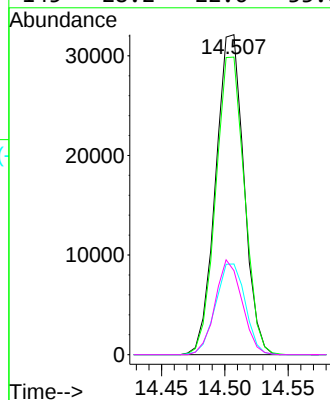
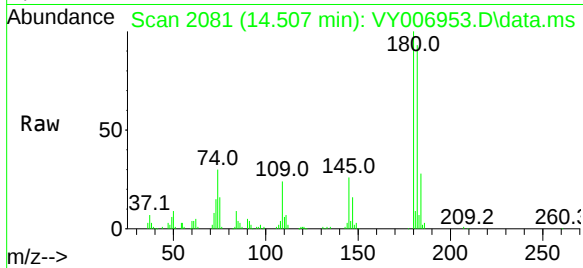




#69
 1,3,5-Trichlorobenzene
 Concen: 22.593 ug/L
 RT: 14.507 min Scan# 2080
 Delta R.T. 0.006 min
 Lab File: VY006953.D
 Acq: 04 Dec 2021 20:45

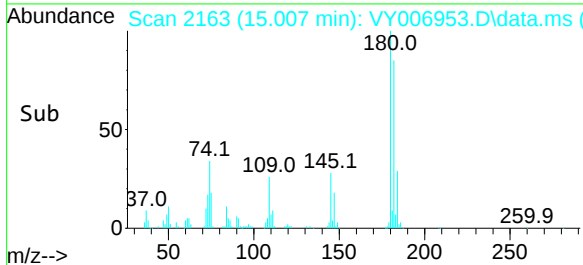
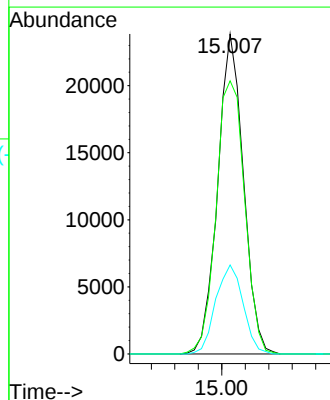
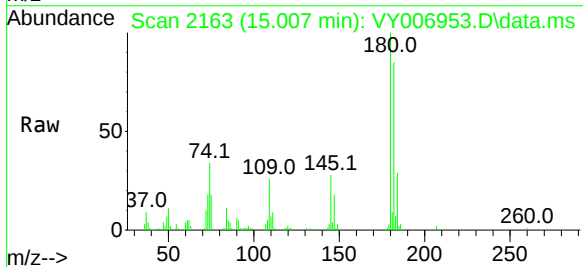
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025896

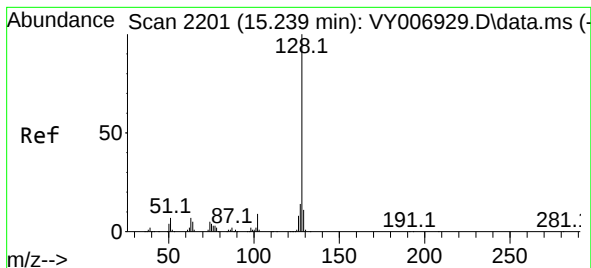
Tgt Ion:180	Resp:	49788
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.0 114.0
184	29.8	24.6 36.8
145	28.2	22.6 33.8



#70
 1,2,4-trichlorobenzene
 Concen: 20.397 ug/L
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY006953.D
 Acq: 04 Dec 2021 20:45

Tgt Ion:180	Resp:	36253
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.6 113.4
145	29.6	23.0 34.6





#71

Naphthalene

Concen: 22.333 ug/L

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025896

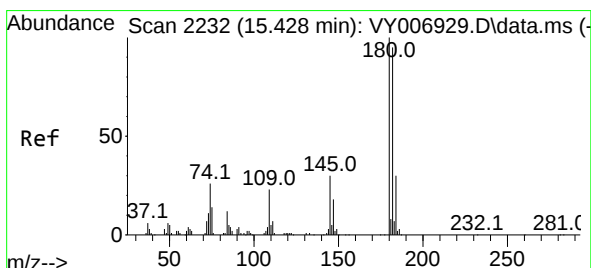
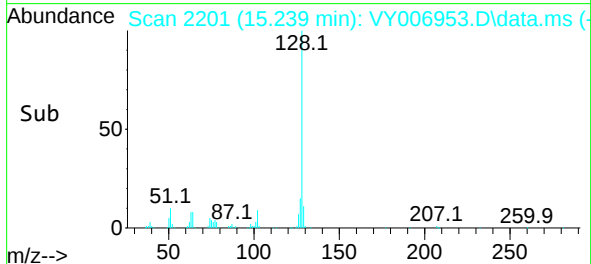
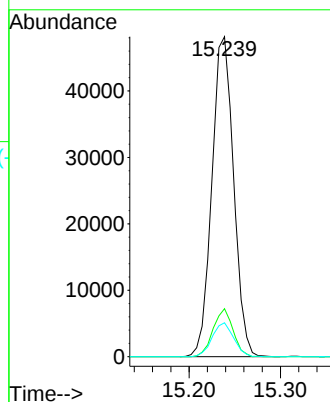
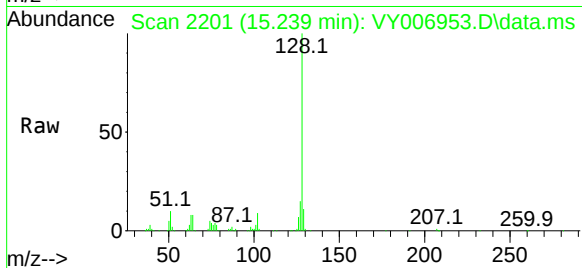
Tgt Ion:128 Resp: 79538

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 21.248 ug/L

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY006953.D

Acq: 04 Dec 2021 20:45

Tgt Ion:180 Resp: 31911

Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 31.4 23.5 35.3

