

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100521\
 Data File : VY006305.D
 Acq On : 05 Oct 2021 10:07
 Operator : SY/MD
 Sample : VSTD05043
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050817

Quant Time: Oct 05 11:01:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 10:59:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	209817	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	197627	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	105514	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	190986	55.483	ug/L	0.00
7) Chloroethane-d5	2.766	69	138403	54.525	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.863	63	304717	48.874	ug/L	0.00
21) 2-Butanone-d5	6.899	46	104257	78.216	ug/L	0.00
24) Chloroform-d	7.484	84	275736	51.048	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	180367	53.027	ug/L	0.00
32) Benzene-d6	8.118	84	565460	48.867	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	163769	44.391	ug/L	0.00
41) Toluene-d8	10.185	98	542898	51.200	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	87922	49.402	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	77930	80.278	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	131241	41.093	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	186209	49.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	201034	52.757	ug/L	100
3) Chloromethane	2.119	50	193649	45.485	ug/L	97
5) Vinyl chloride	2.260	62	225328	48.212	ug/L	99
6) Bromomethane	2.662	94	108327	55.395	ug/L	97
8) Chloroethane	2.802	64	125855	46.386	ug/L	98
9) Trichlorofluoromethane	3.137	101	276165	46.209	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	140069	41.986	ug/L	94
12) 1,1-Dichloroethene	3.881	96	135940	43.149	ug/L	86
13) Acetone	3.954	43	126501	107.261	ug/L	95
14) Carbon disulfide	4.204	76	486053	46.074	ug/L	99
15) Methyl Acetate	4.485	43	88615	34.434	ug/L	99
16) Methylene chloride	4.729	84	147629	35.476	ug/L	95
17) trans-1,2-Dichloroethene	5.229	96	148486	43.113	ug/L	94
18) Methyl tert-butyl Ether	5.235	73	398732	41.539	ug/L	97
19) 1,1-Dichloroethane	6.027	63	261741	41.006	ug/L	100
20) cis-1,2-Dichloroethene	6.996	96	157559	42.985	ug/L	96
22) 2-Butanone	6.996	43	143096	82.979	ug/L	98
23) Bromochloromethane	7.344	128	69494	40.958	ug/L	89
25) Chloroform	7.515	83	285714	43.010	ug/L	100
27) 1,2-Dichloroethane	8.246	62	208514	44.348	ug/L	97
29) Cyclohexane	7.789	56	275622	44.413	ug/L	97
30) 1,1,1-Trichloroethane	7.710	97	262377	45.434	ug/L	99
31) Carbon tetrachloride	7.911	117	234907	49.331	ug/L	99
33) Benzene	8.167	78	628819	43.006	ug/L	100
34) Trichloroethene	8.947	95	159442	43.064	ug/L	99
35) Methylcyclohexane	9.185	83	286558	45.273	ug/L	99
37) 1,2-Dichloropropane	9.222	63	148776	39.627	ug/L	99
38) Bromodichloromethane	9.502	83	206123	42.759	ug/L	100
39) cis-1,3-Dichloropropene	9.935	75	246837	41.731	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	256926	68.340	ug/L	97
42) Toluene	10.246	91	688147	43.952	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	233994	42.344	ug/L	100

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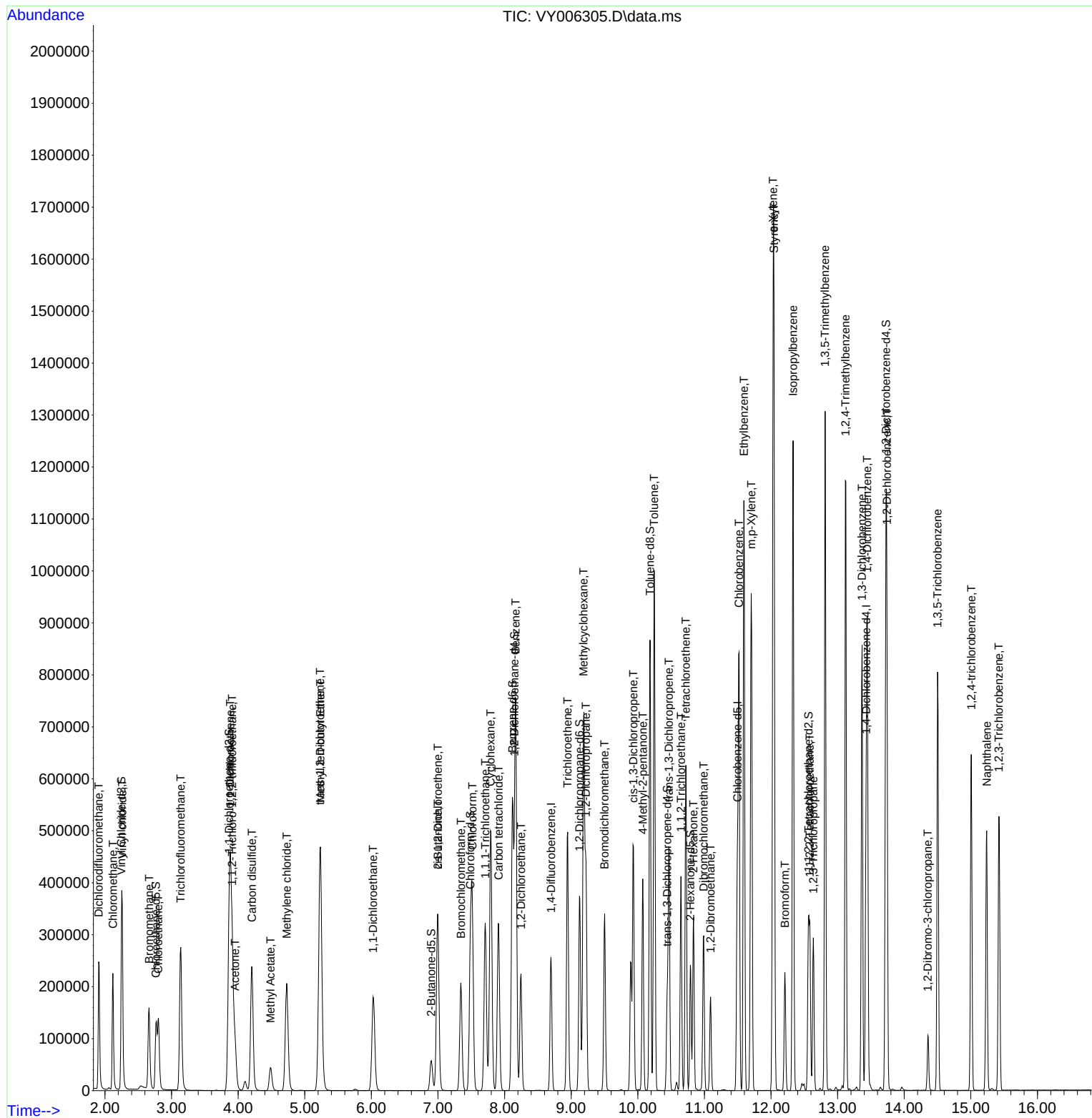
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.648	97	112661	38.907	ug/L	96
46) Tetrachloroethene	10.721	164	133354	46.113	ug/L	96
48) 2-Hexanone	10.837	43	208393	79.007	ug/L	99
49) Dibromochloromethane	10.990	129	142169	42.135	ug/L	96
50) 1,2-Dibromoethane	11.093	107	107188	38.655	ug/L #	100
51) Chlorobenzene	11.520	112	410940	42.909	ug/L	98
52) Ethylbenzene	11.593	91	746647	44.221	ug/L	99
53) m,p-Xylene	11.703	106	286158	45.271	ug/L	96
54) o-Xylene	12.032	106	277441	45.869	ug/L	98
55) Styrene	12.044	104	488718	46.473	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.581	83	123758	36.414	ug/L	99
59) Bromoform	12.209	173	94117	39.728	ug/L #	98
60) Isopropylbenzene	12.331	105	746451	41.887	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	106301	33.854	ug/L	98
62) 1,3,5-Trimethylbenzene	12.813	105	624809	43.301	ug/L	99
63) 1,2,4-Trimethylbenzene	13.117	105	614851	42.822	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	327687	42.765	ug/L	99
65) 1,4-Dichlorobenzene	13.447	146	329668	42.493	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	297518	42.248	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	25743	35.556	ug/L	95
69) 1,3,5-Trichlorobenzene	14.501	180	235753	44.973	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	195015	44.760	ug/L	98
71) Naphthalene	15.239	128	402522	39.072	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	172914	43.995	ug/L	99

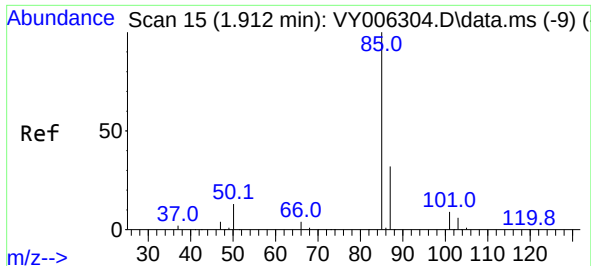
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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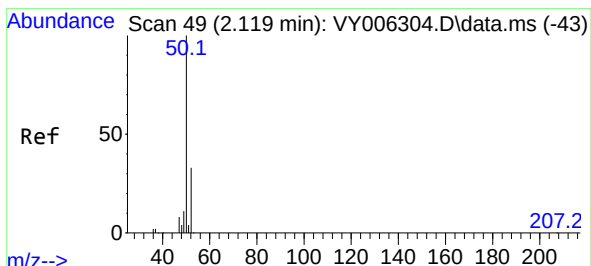
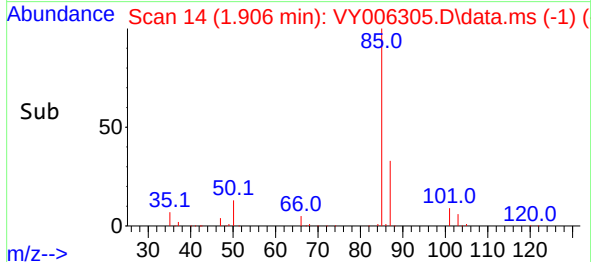
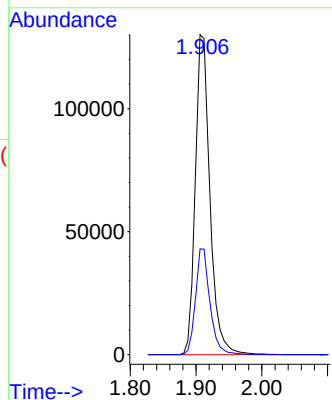
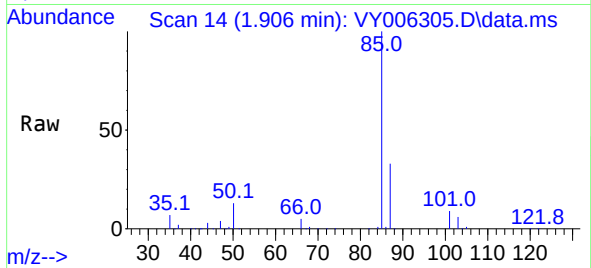




#2
Dichlorodifluoromethane
Concen: 52.757 ug/L
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

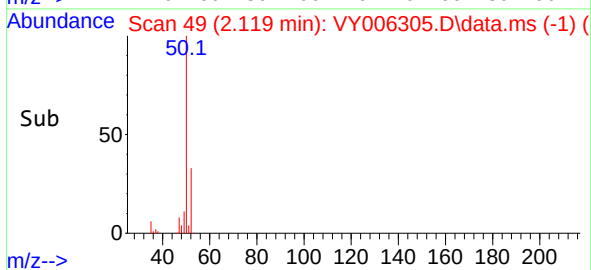
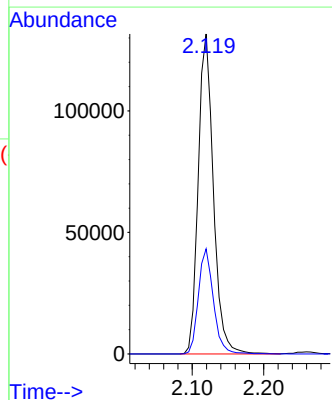
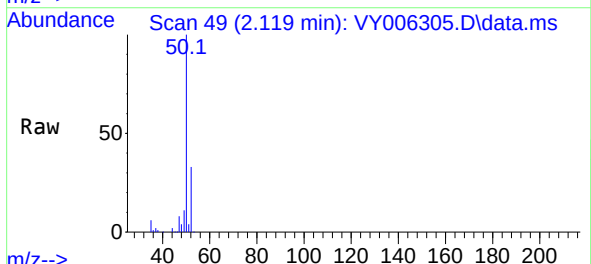
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

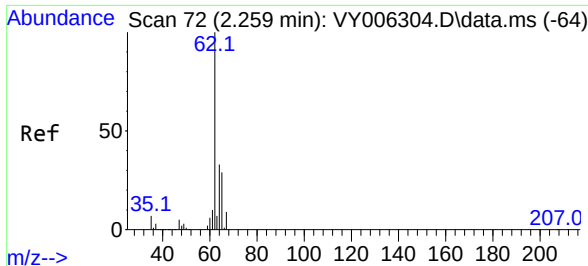
Tgt Ion: 85 Resp: 201034
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.2



#3
Chloromethane
Concen: 45.485 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 50 Resp: 193649
Ion Ratio Lower Upper
50 100
52 32.8 21.8 40.4

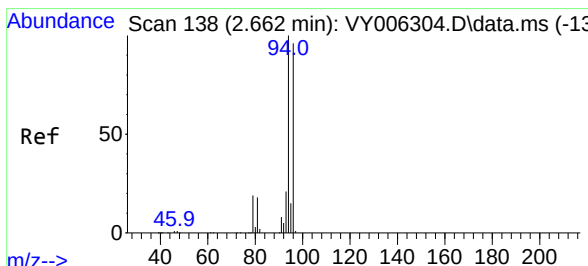
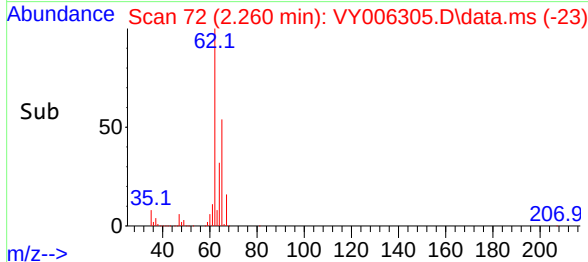
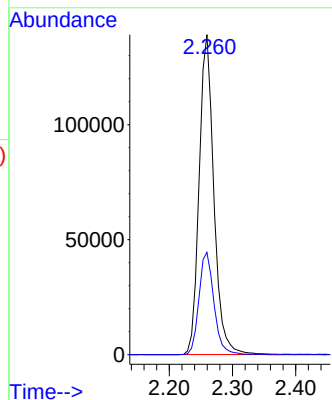
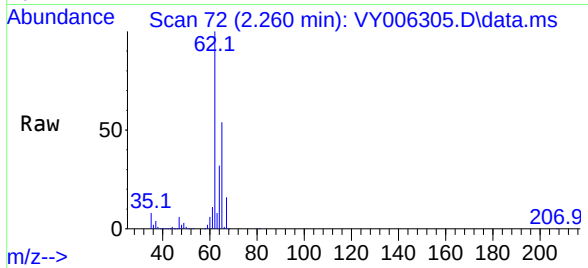




#5
 Vinyl chloride
 Concen: 48.212 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY006305.D
 Acq: 05 Oct 2021 10:07

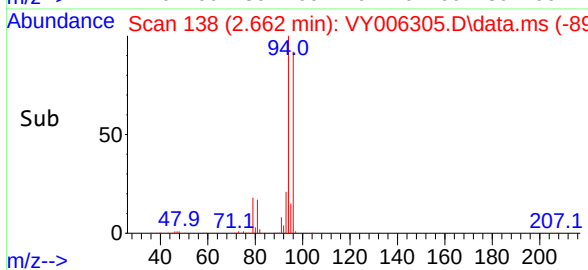
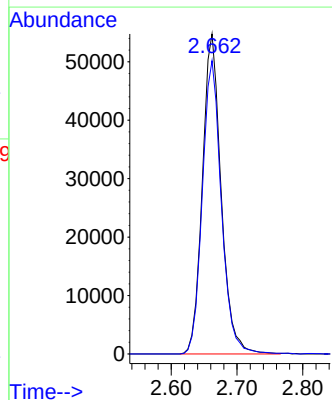
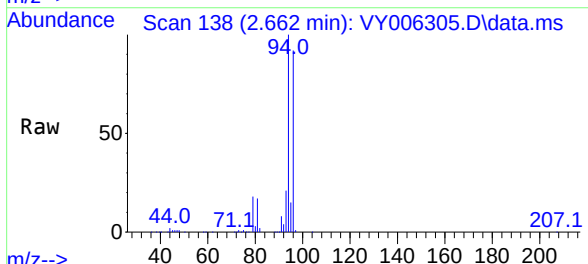
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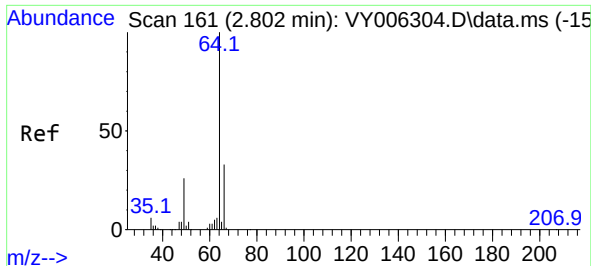
Tgt Ion: 62 Resp: 225328
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



#6
 Bromomethane
 Concen: 55.395 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006305.D
 Acq: 05 Oct 2021 10:07

Tgt Ion: 94 Resp: 108327
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.9 122.5

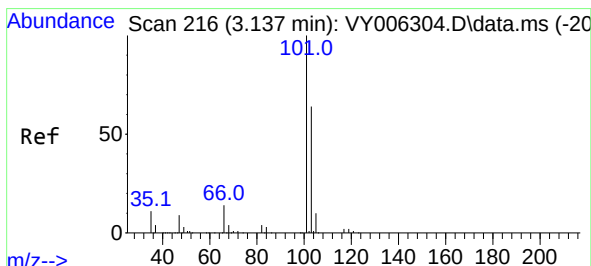
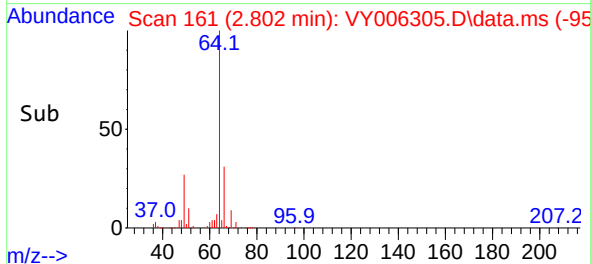
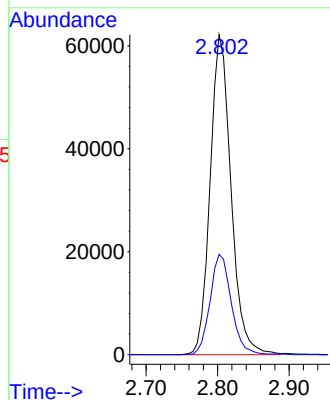
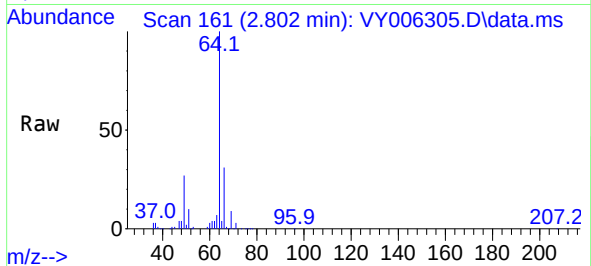




#8
Chloroethane
Concen: 46.386 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

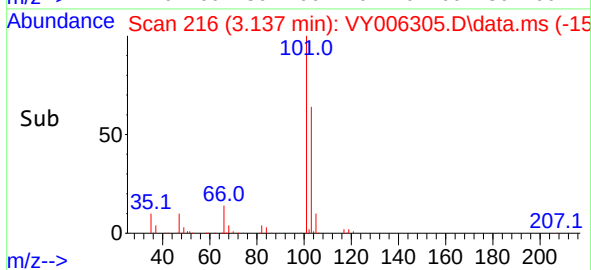
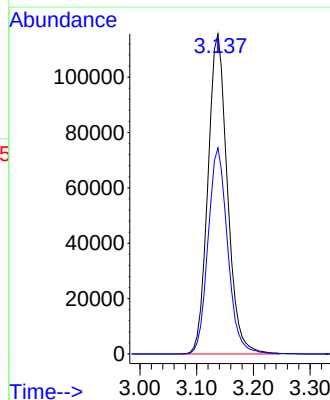
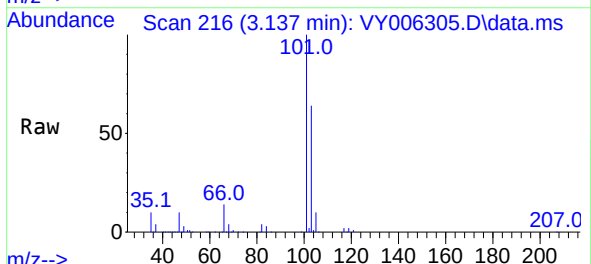
Instrument :
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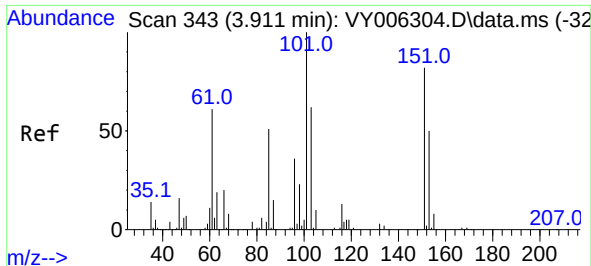
Tgt Ion: 64 Resp: 125855
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 46.209 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:101 Resp: 276165
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

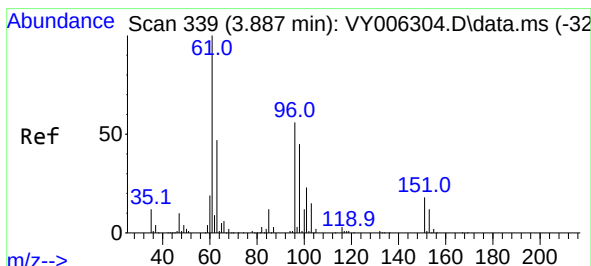
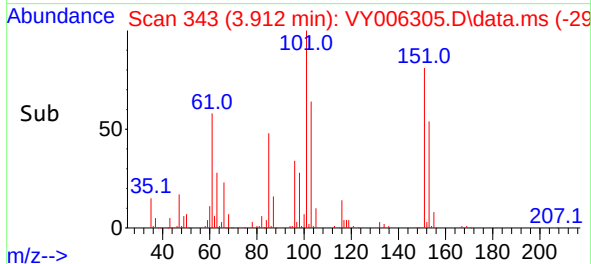
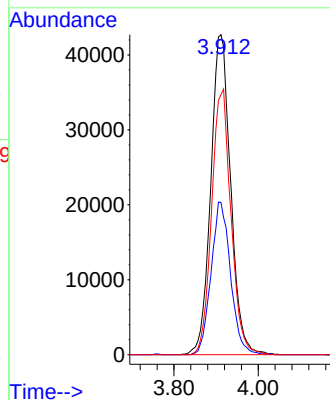
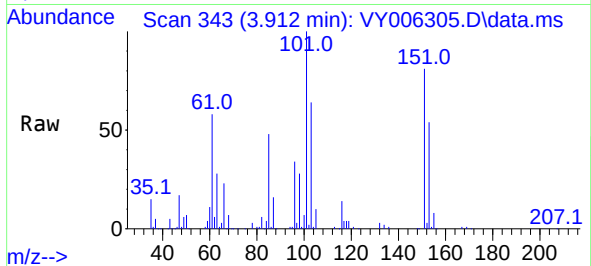




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.986 ug/L
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

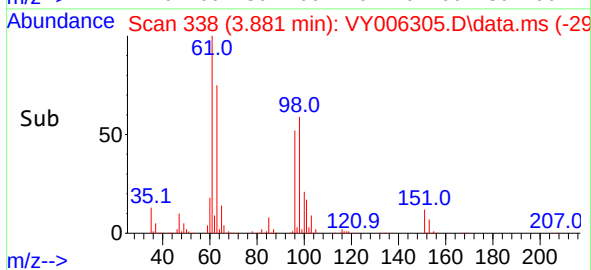
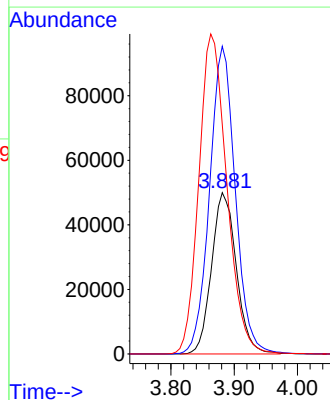
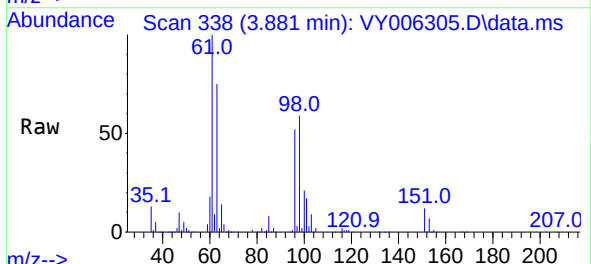
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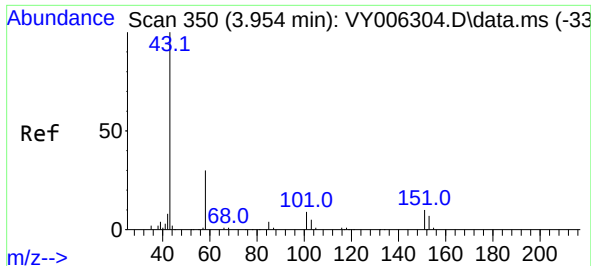
Tgt Ion:	101	Resp:	140069
Ion	Ratio	Lower	Upper
101	100		
85	46.6	36.6	54.8
151	80.6	59.0	88.4



#12
1,1-Dichloroethene
Concen: 43.149 ug/L
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:	96	Resp:	135940
Ion	Ratio	Lower	Upper
96	100		
61	190.8	121.2	225.2
63	142.3	86.9	161.3

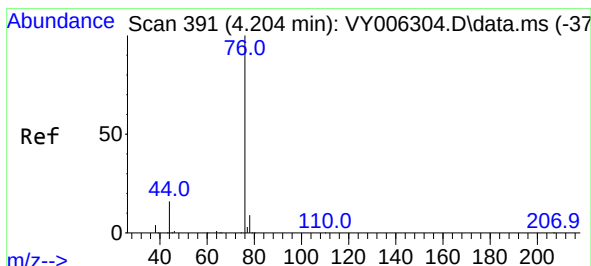
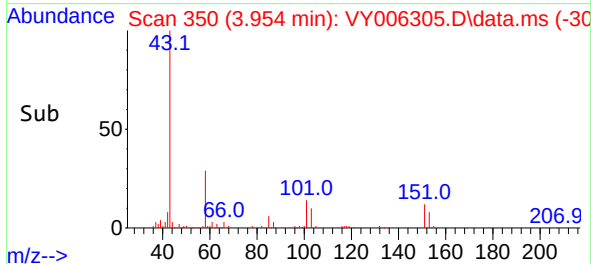
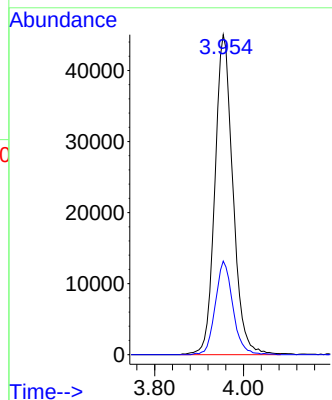
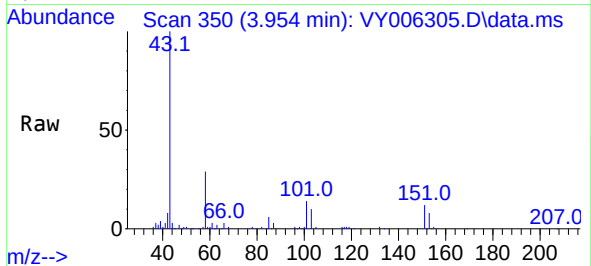




#13
Acetone
Concen: 107.261 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

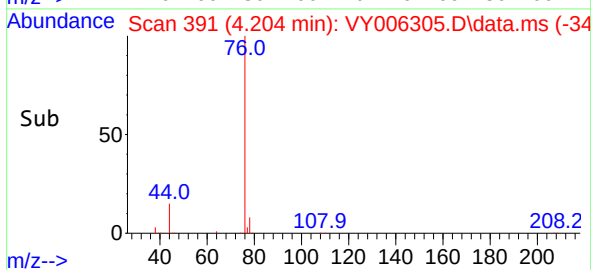
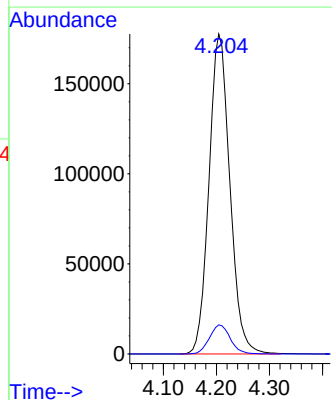
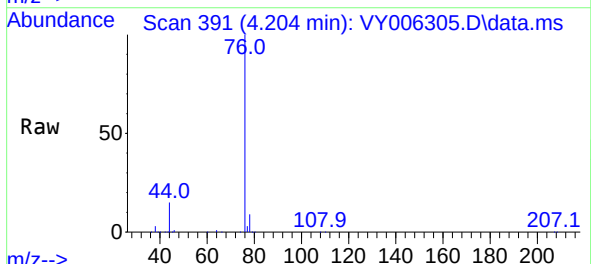
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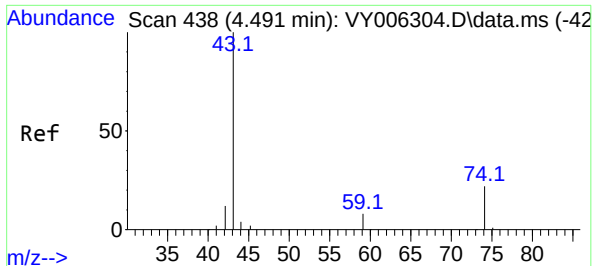
Tgt Ion: 43 Resp: 126501
Ion Ratio Lower Upper
43 100
58 27.9 0.0 61.0



#14
Carbon disulfide
Concen: 46.074 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 76 Resp: 486053
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

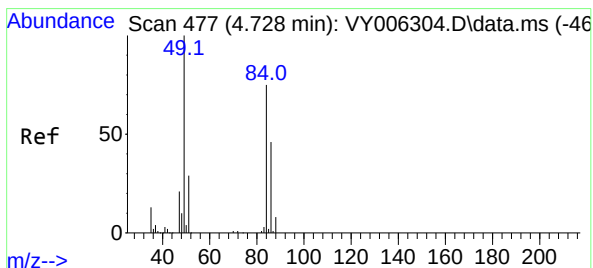
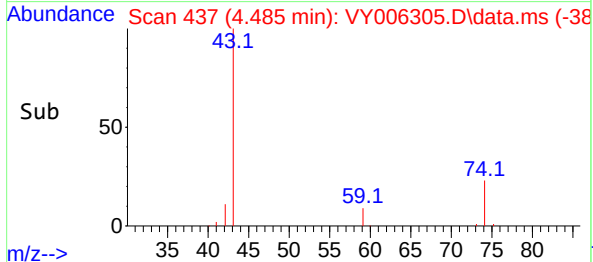
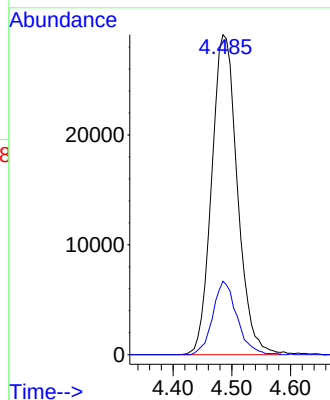
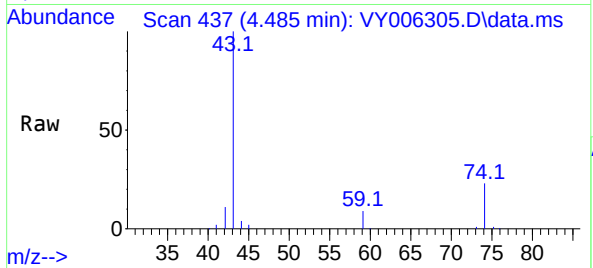




#15
Methyl Acetate
Concen: 34.434 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

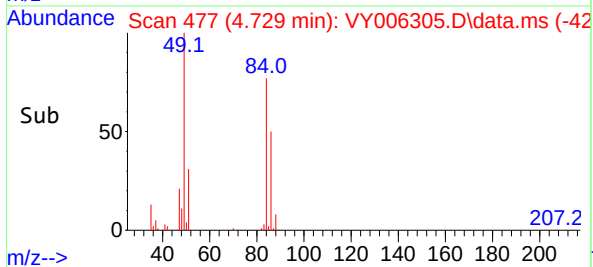
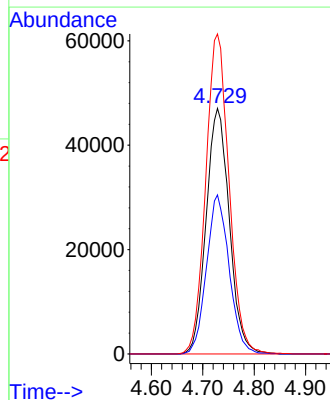
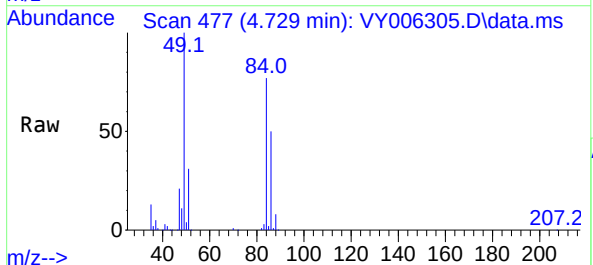
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

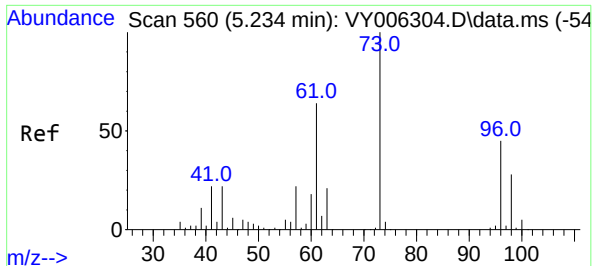
Tgt Ion: 43 Resp: 88615
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1



#16
Methylene chloride
Concen: 35.476 ug/L
RT: 4.729 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 84 Resp: 147629
Ion Ratio Lower Upper
84 100
86 64.7 43.2 80.2
49 130.3 96.0 178.4



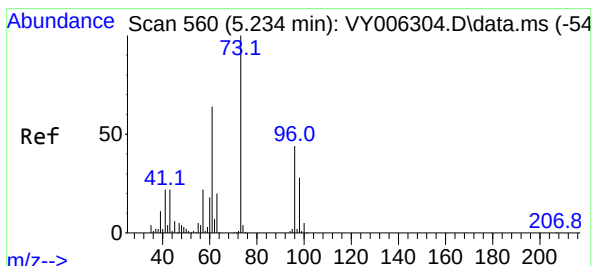
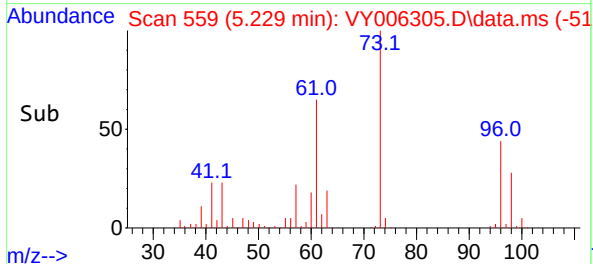
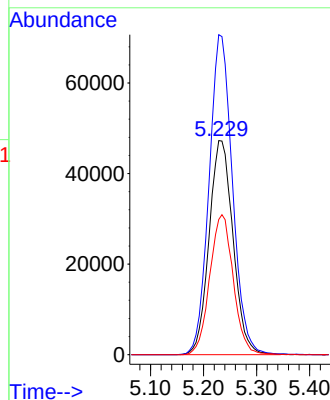
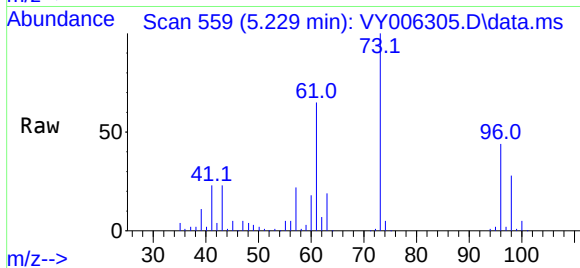


#17

trans-1,2-Dichloroethene
Concen: 43.113 ug/L
RT: 5.229 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

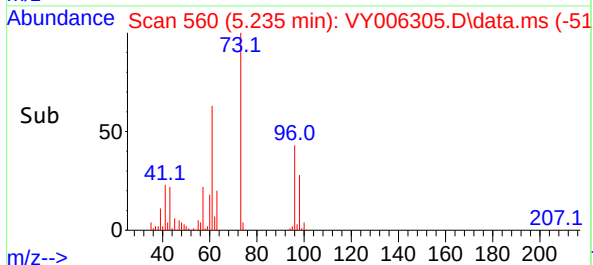
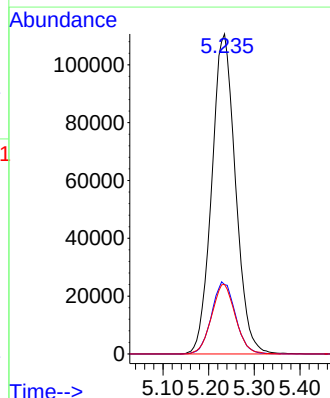
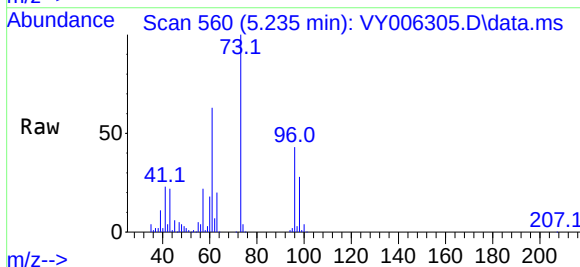
Tgt Ion: 96 Resp: 148486
Ion Ratio Lower Upper
96 100
61 149.5 97.6 181.2
98 63.2 44.8 83.2

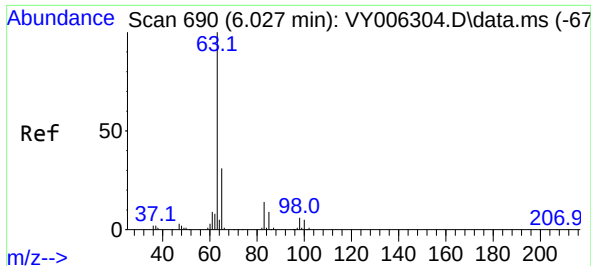


#18

Methyl tert-butyl Ether
Concen: 41.539 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 73 Resp: 398732
Ion Ratio Lower Upper
73 100
43 22.6 16.8 25.2
57 21.9 18.7 28.1



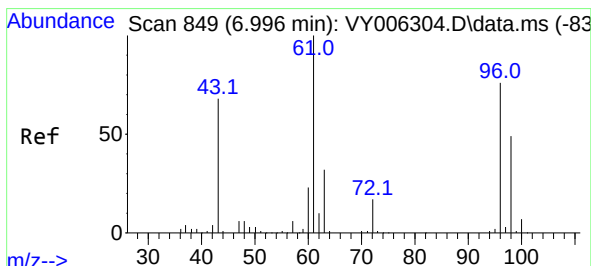
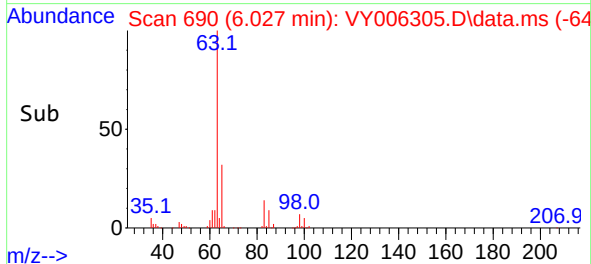
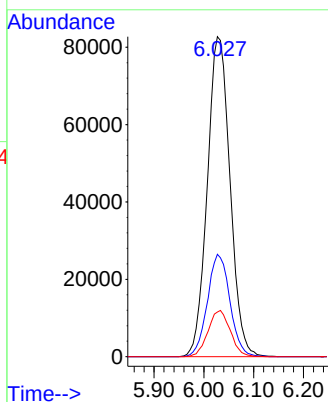
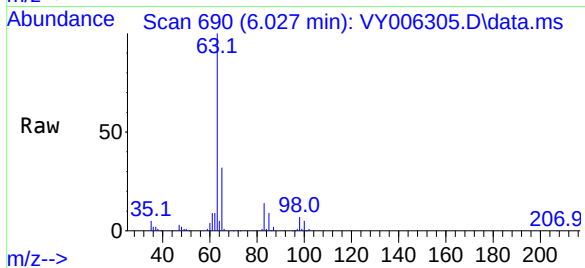


#19
1,1-Dichloroethane
Concen: 41.006 ug/L
RT: 6.027 min Scan# 690
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

Tgt Ion: 63 Resp: 261741

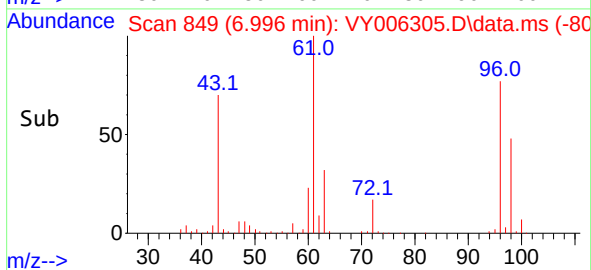
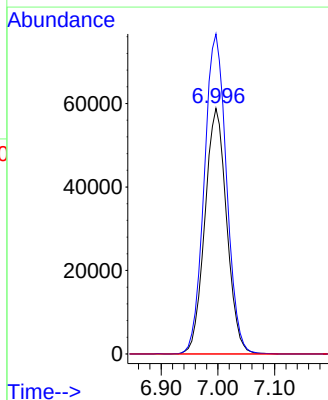
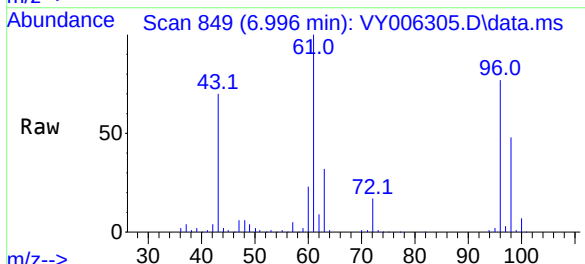
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.4	41.6
83	14.0	9.5	17.7

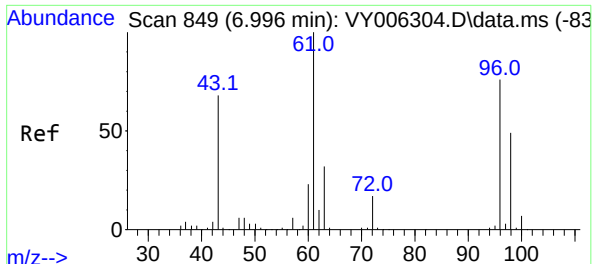


#20
cis-1,2-Dichloroethene
Concen: 42.985 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 96 Resp: 157559

Ion	Ratio	Lower	Upper
96	100		
61	130.3	94.8	176.2
68	0.0	0.0	0.0

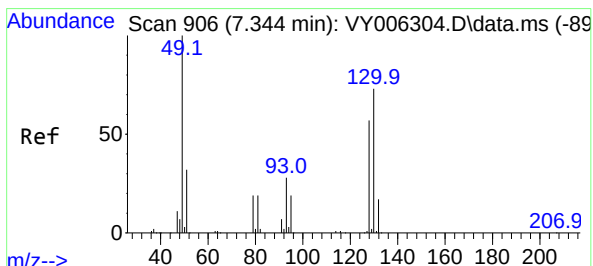
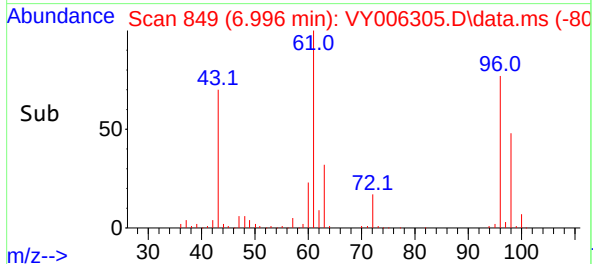
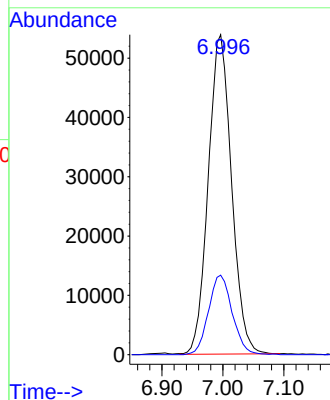
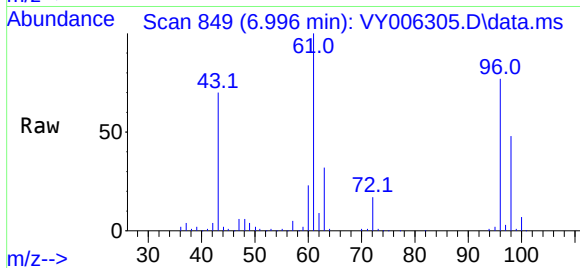




#22
2-Butanone
Concen: 82.979 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

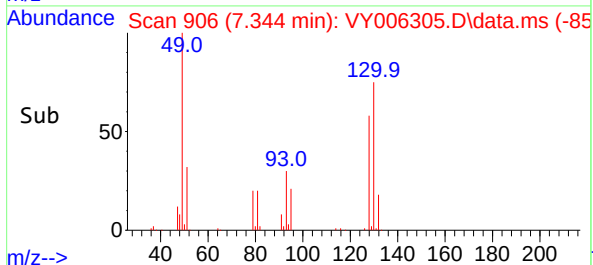
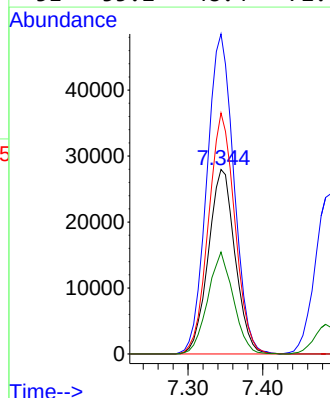
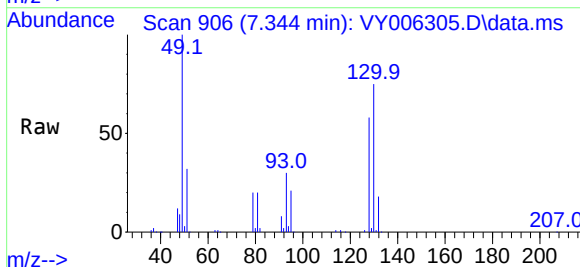
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

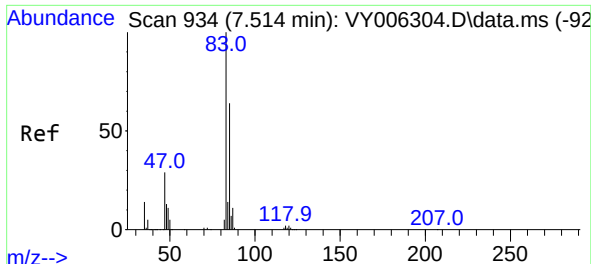
Tgt Ion: 43 Resp: 143096
Ion Ratio Lower Upper
43 100
72 25.3 12.2 36.6



#23
Bromochloromethane
Concen: 40.958 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 128 Resp: 69494
Ion Ratio Lower Upper
128 100
49 173.5 138.9 258.1
130 130.6 88.3 164.1
51 55.2 48.4 72.6

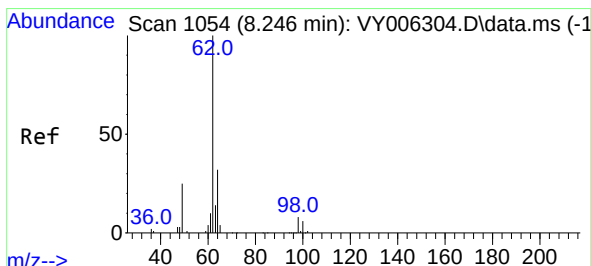
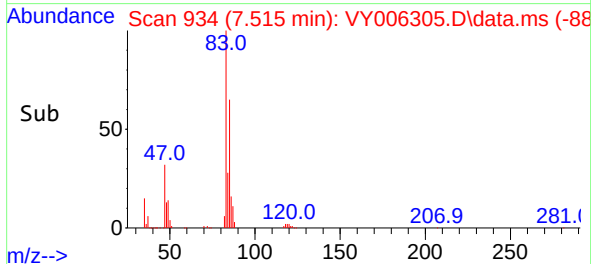
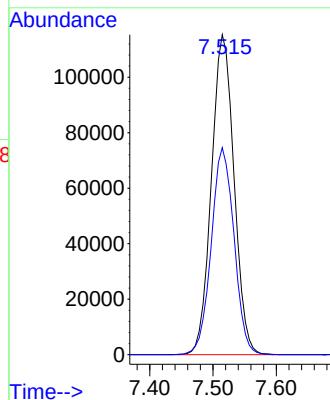
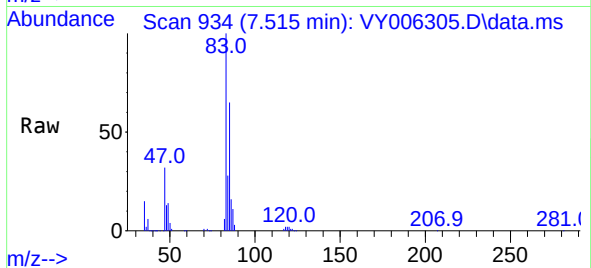




#25
Chloroform
Concen: 43.010 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

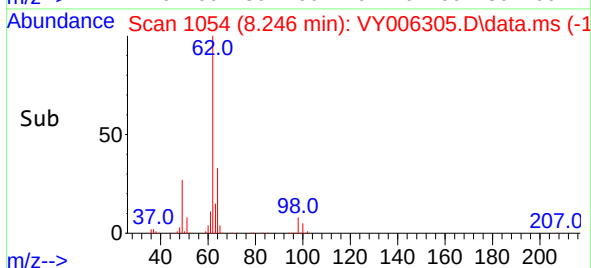
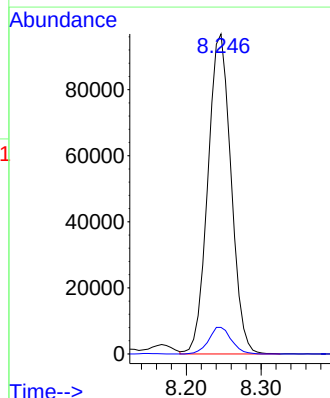
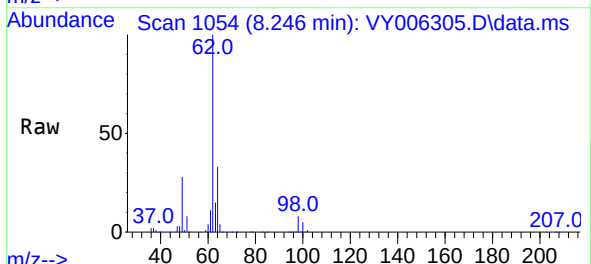
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

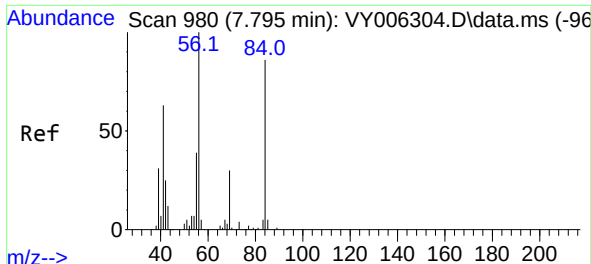
Tgt Ion: 83 Resp: 285714
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 44.348 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 62 Resp: 208514
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3

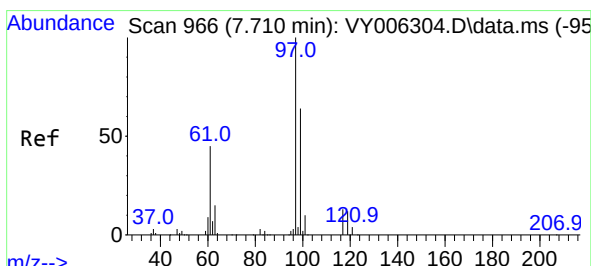
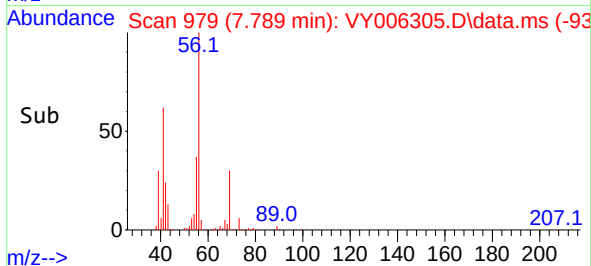
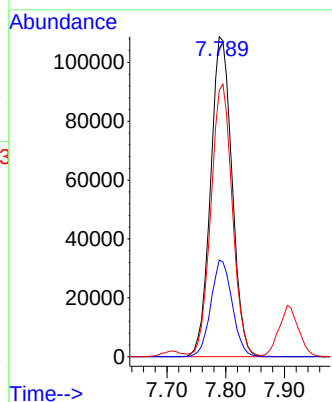
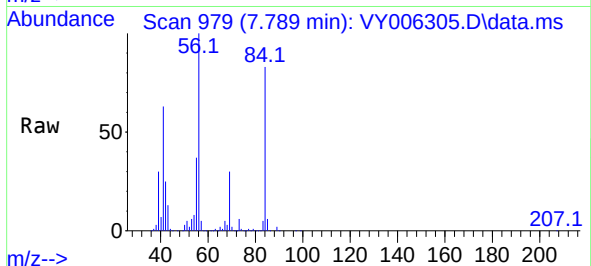




#29
Cyclohexane
Concen: 44.413 ug/L
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

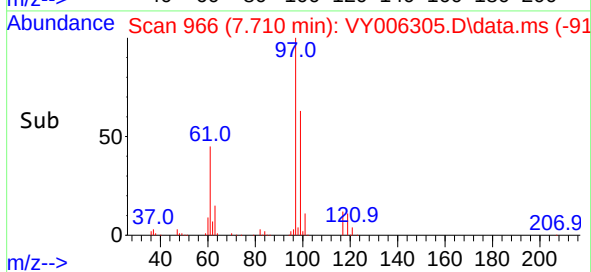
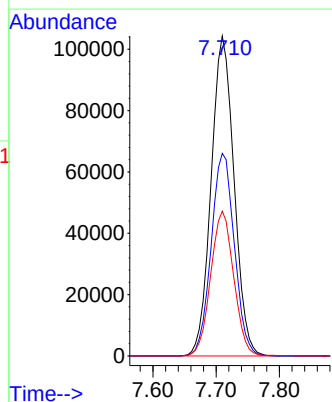
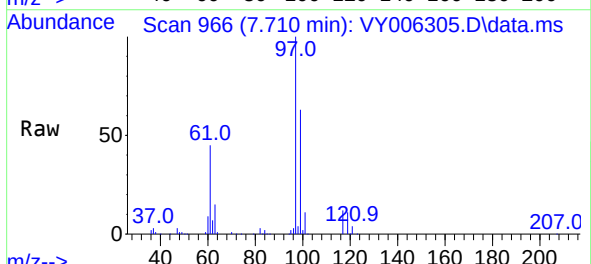
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

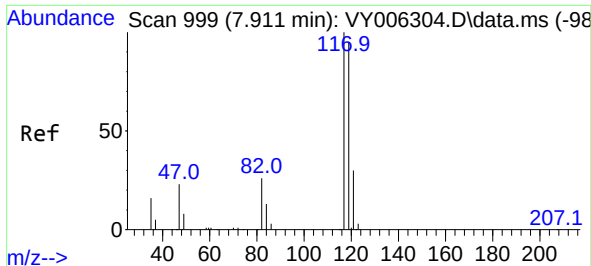
Tgt Ion:	56	Resp:	275622
Ion	Ratio	Lower	Upper
56	100		
69	30.0	22.6	33.8
84	85.4	66.1	99.1



#30
1,1,1-Trichloroethane
Concen: 45.434 ug/L
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:	97	Resp:	262377
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	45.5	37.3	55.9

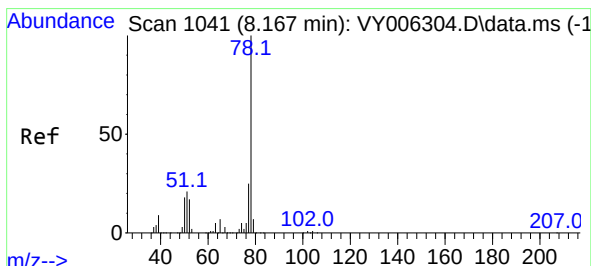
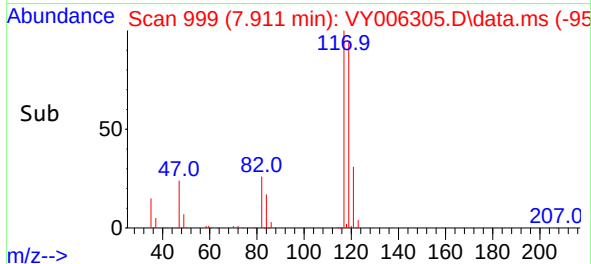
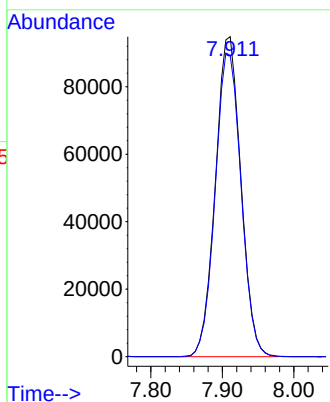
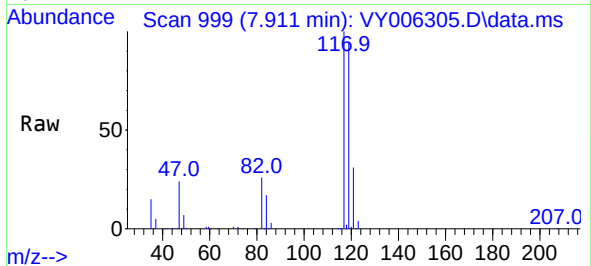




#31
Carbon tetrachloride
Concen: 49.331 ug/L
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

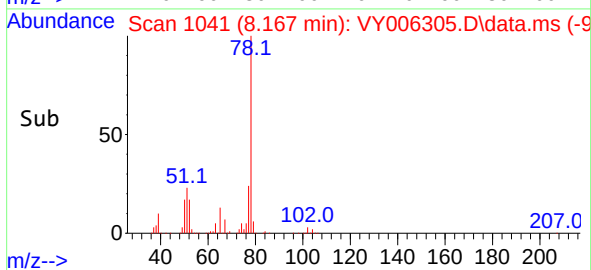
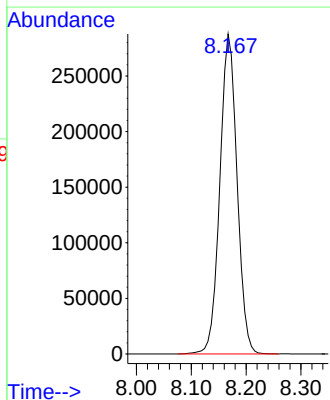
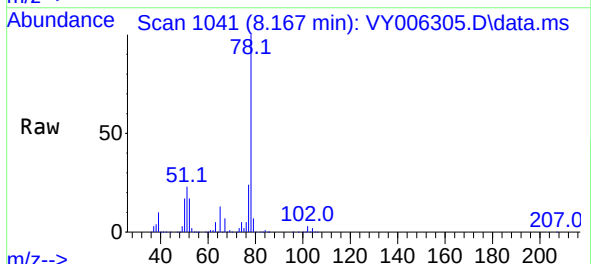
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

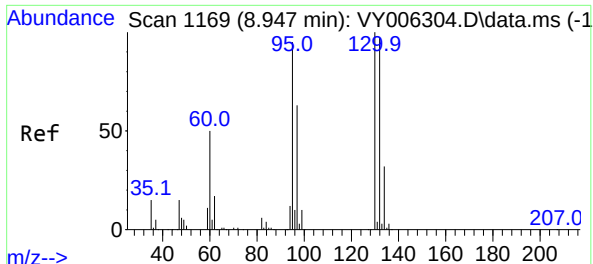
Tgt Ion:117 Resp: 234907
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2



#33
Benzene
Concen: 43.006 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 78 Resp: 628819





#34

Trichloroethene

Concen: 43.064 ug/L

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY006305.D

Acq: 05 Oct 2021 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTD050817

Tgt Ion: 95 Resp: 159442

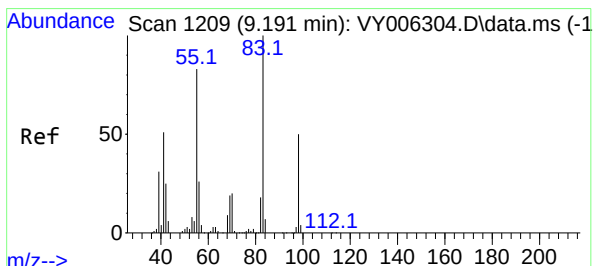
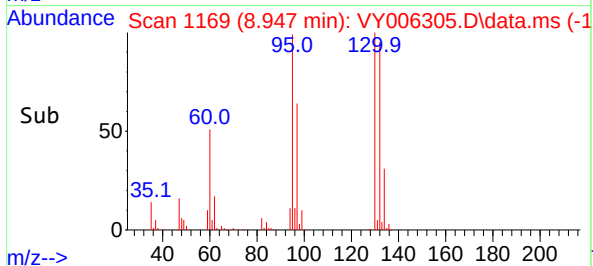
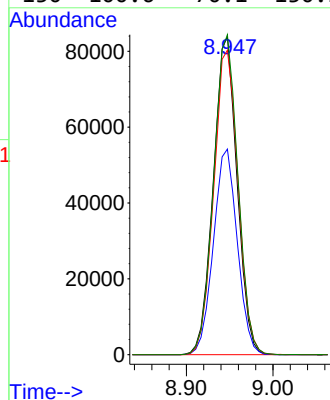
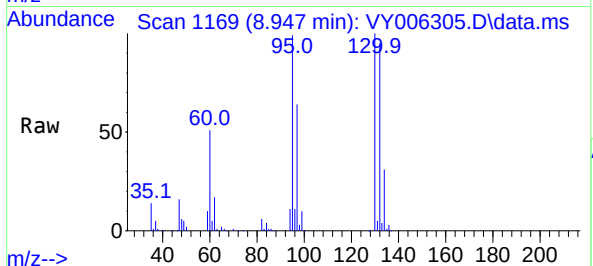
Ion Ratio Lower Upper

95 100

97 64.7 44.2 82.2

132 95.7 66.8 124.0

130 100.6 70.1 130.1



#35

Methylcyclohexane

Concen: 45.273 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY006305.D

Acq: 05 Oct 2021 10:07

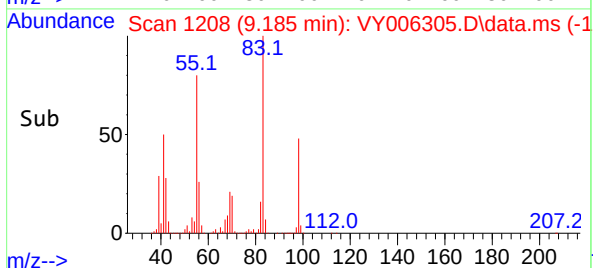
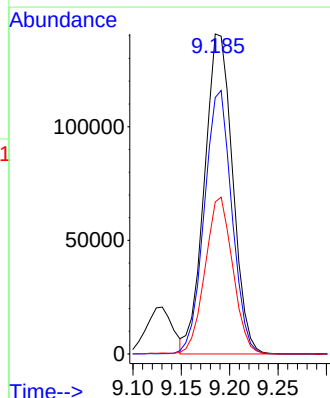
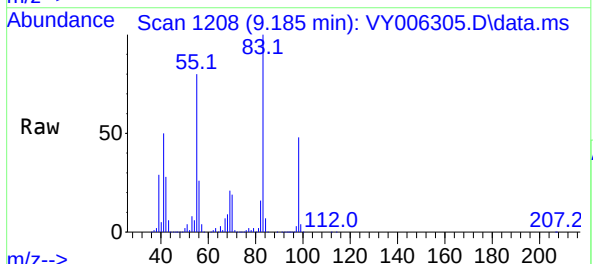
Tgt Ion: 83 Resp: 286558

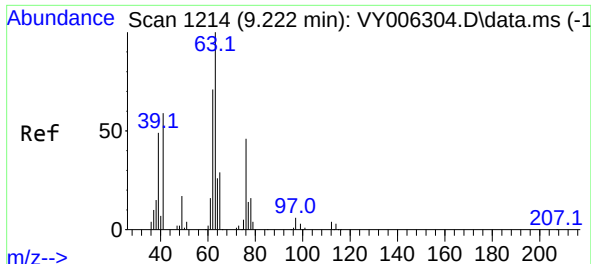
Ion Ratio Lower Upper

83 100

55 80.4 63.9 95.9

98 48.0 38.7 58.1

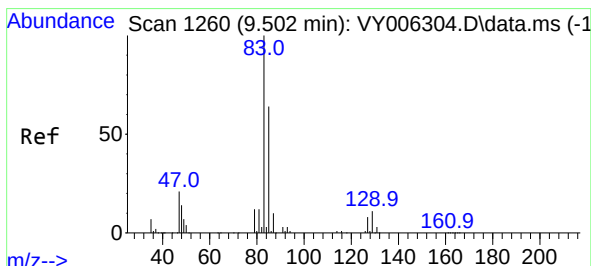
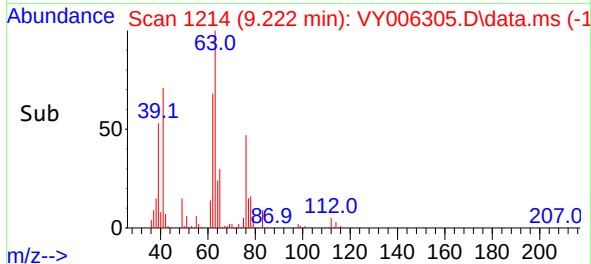
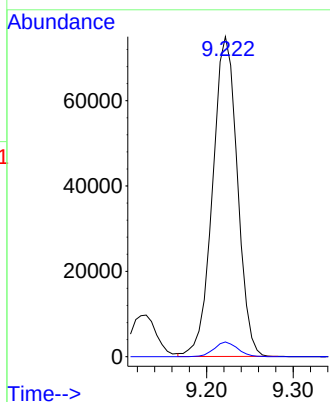
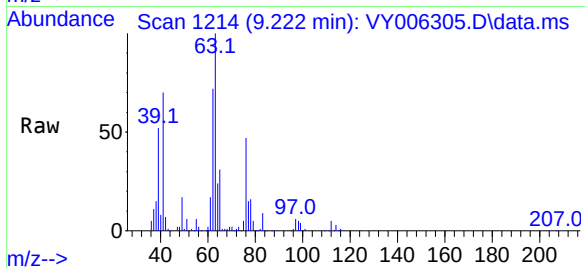




#37
1,2-Dichloropropane
Concen: 39.627 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

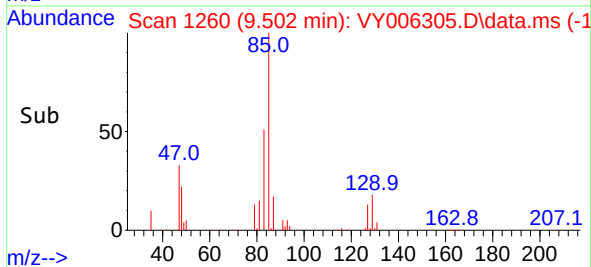
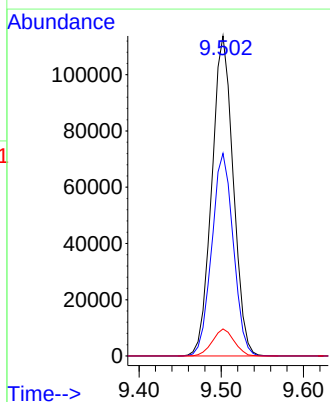
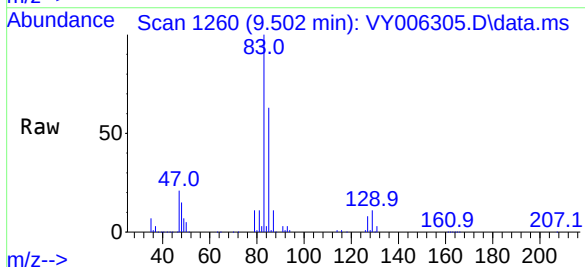
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

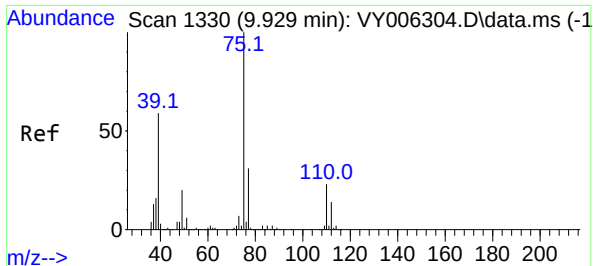
Tgt Ion: 63 Resp: 148776
Ion Ratio Lower Upper
63 100
112 4.4 3.1 4.7



#38
Bromodichloromethane
Concen: 42.759 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 83 Resp: 206123
Ion Ratio Lower Upper
83 100
85 63.3 44.1 81.9
127 8.4 6.9 10.3

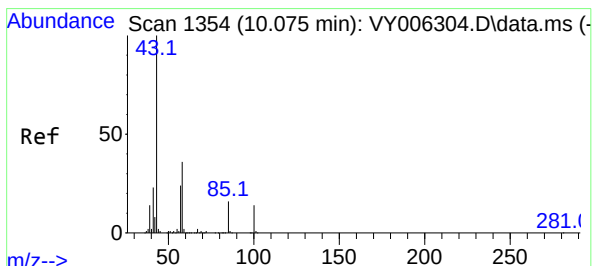
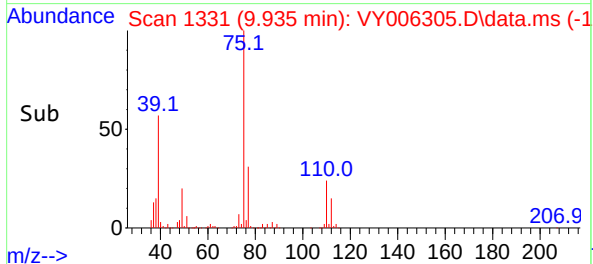
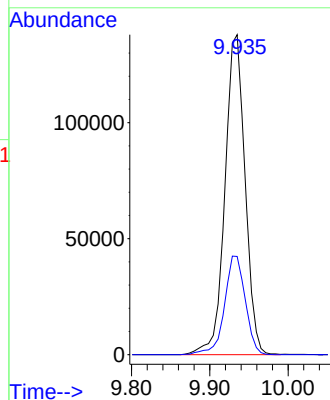
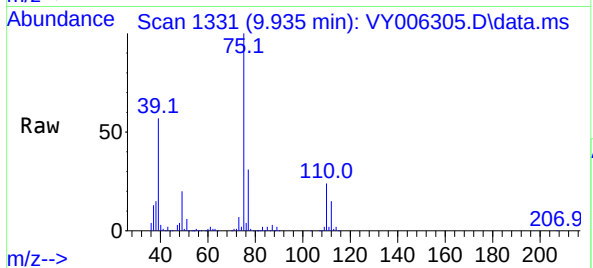




#39
cis-1,3-Dichloropropene
Concen: 41.731 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

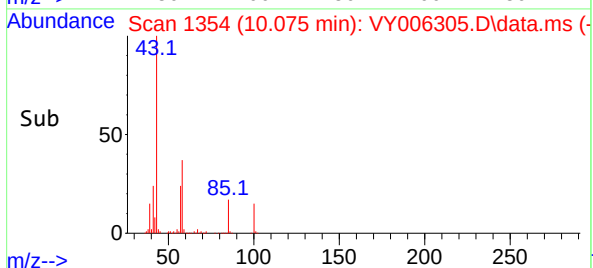
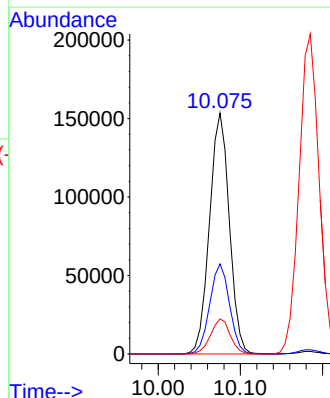
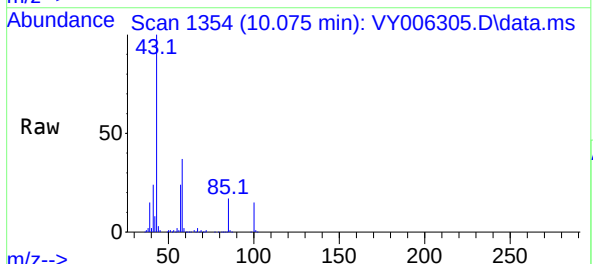
Instrument :
MSVOA_Y
ClientSampled :
VSTD050817

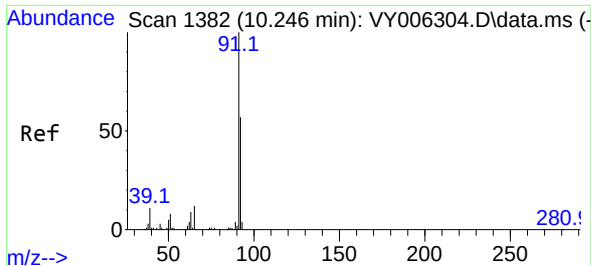
Tgt Ion: 75 Resp: 246837
Ion Ratio Lower Upper
75 100
77 30.7 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 68.340 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 43 Resp: 256926
Ion Ratio Lower Upper
43 100
58 37.3 28.5 42.7
100 14.4 10.4 15.6

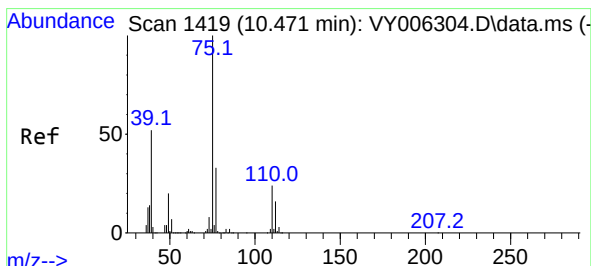
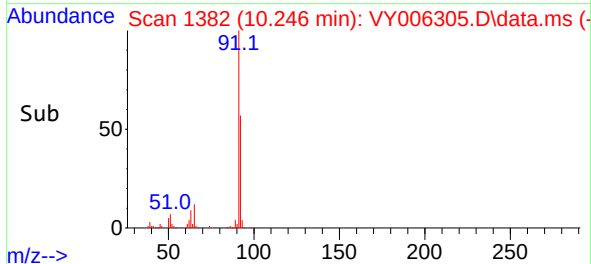
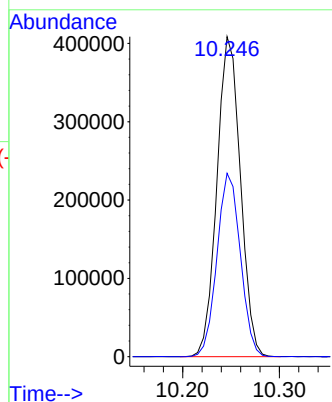
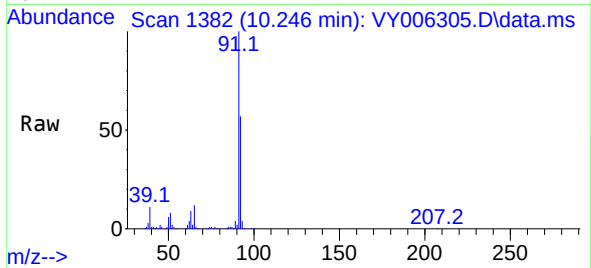




#42
Toluene
Concen: 43.952 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

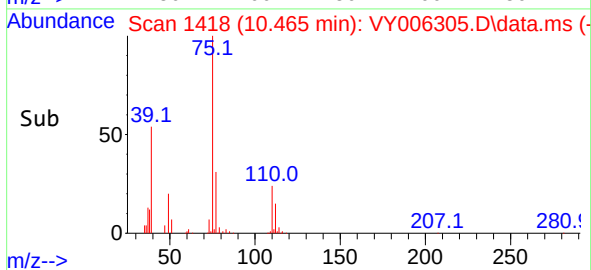
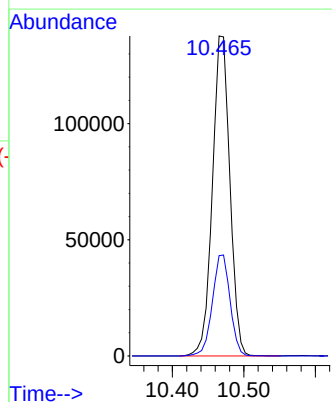
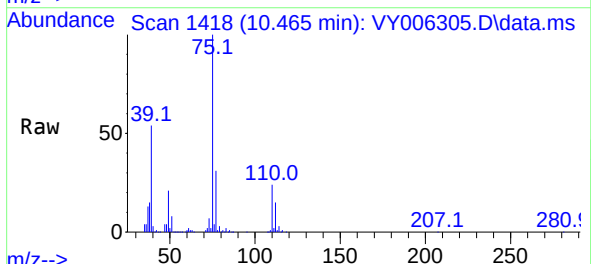
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

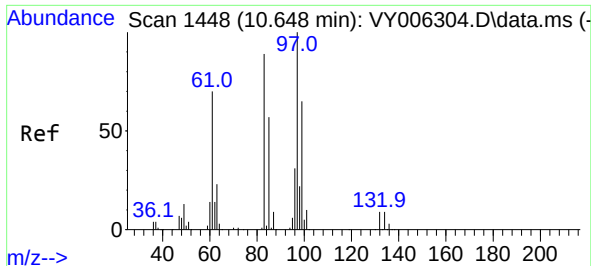
Tgt Ion: 91 Resp: 688147
Ion Ratio Lower Upper
91 100
92 57.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 42.344 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 75 Resp: 233994
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4



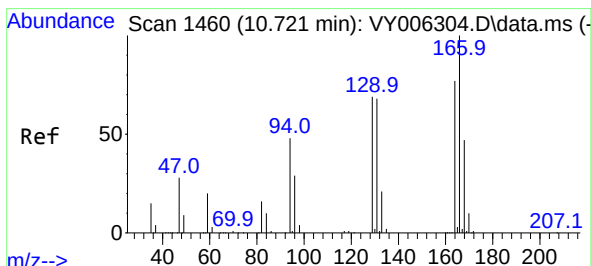
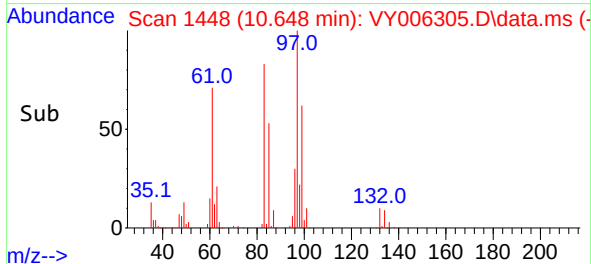
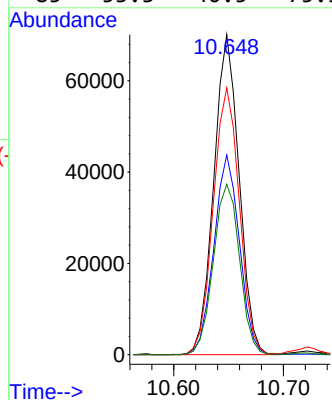
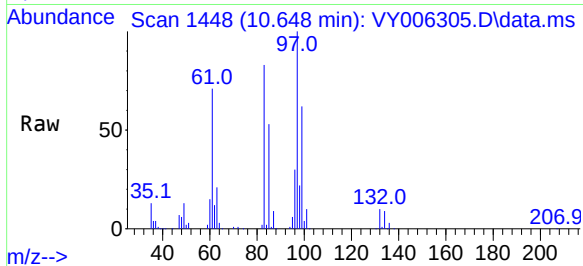


#45
1,1,2-Trichloroethane
Concen: 38.907 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

Tgt Ion: 97 Resp: 112661

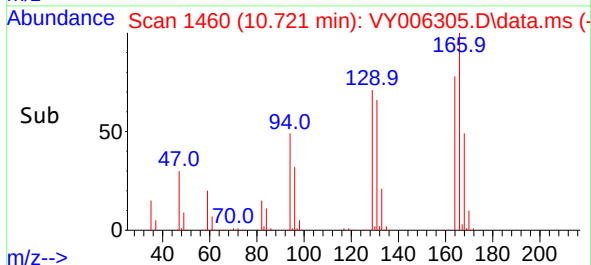
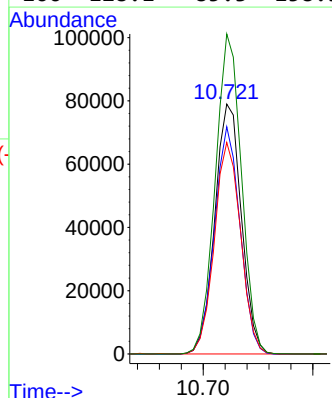
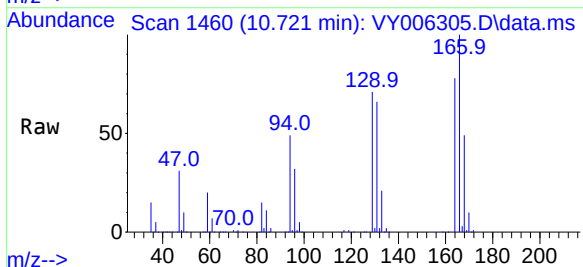
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.2	82.0
83	83.4	61.1	113.5
85	53.3	40.5	75.3

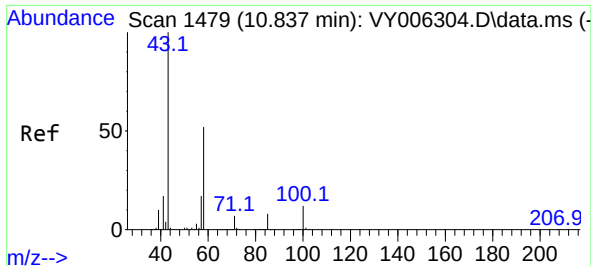


#46
Tetrachloroethene
Concen: 46.113 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 164 Resp: 133354

Ion	Ratio	Lower	Upper
164	100		
129	90.9	65.9	122.3
131	84.6	61.9	115.1
166	128.1	85.3	158.3



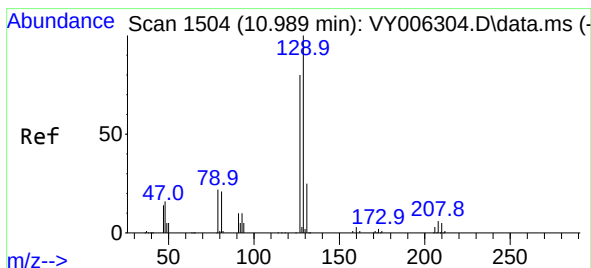
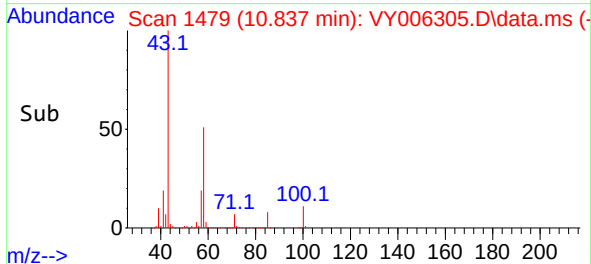
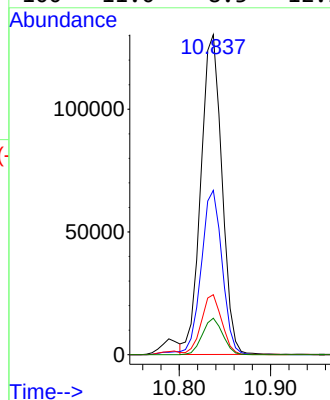
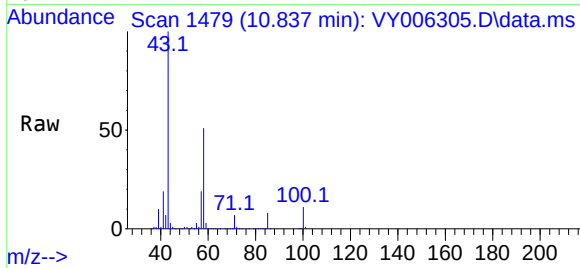


#48
2-Hexanone
Concen: 79.007 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

Tgt Ion: 43 Resp: 208393

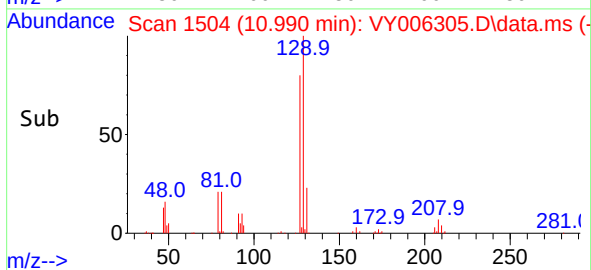
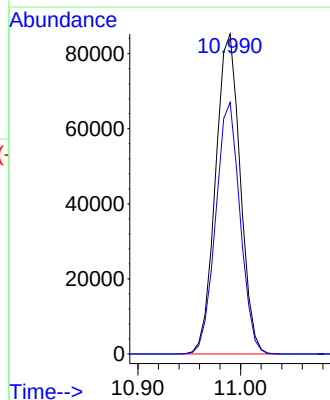
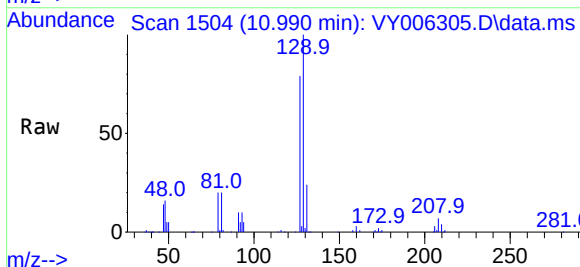
Ion	Ratio	Lower	Upper
43	100		
58	51.7	41.1	61.7
57	18.2	13.8	20.6
100	11.0	8.3	12.5

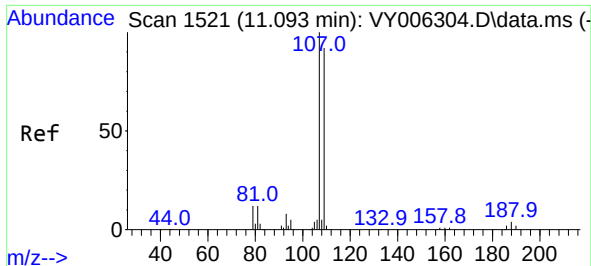


#49
Dibromochloromethane
Concen: 42.135 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 129 Resp: 142169

Ion	Ratio	Lower	Upper
129	100		
127	78.6	52.8	98.0

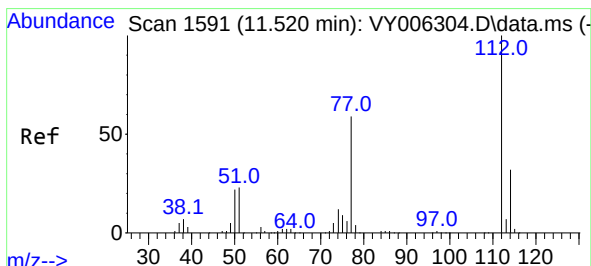
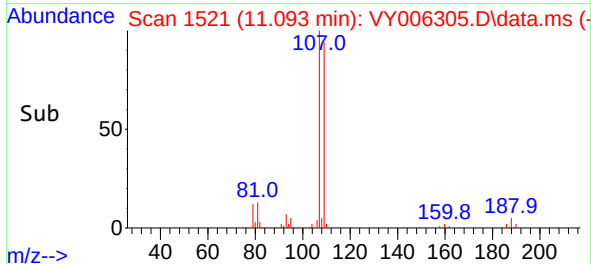
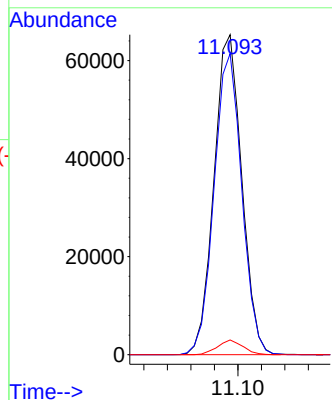
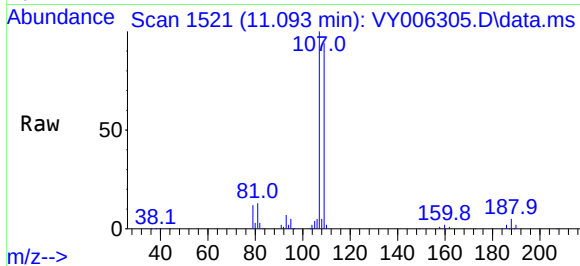




#50
1,2-Dibromoethane
Concen: 38.655 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

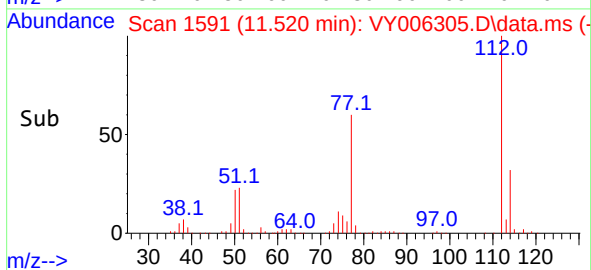
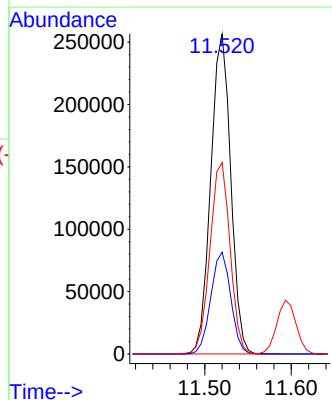
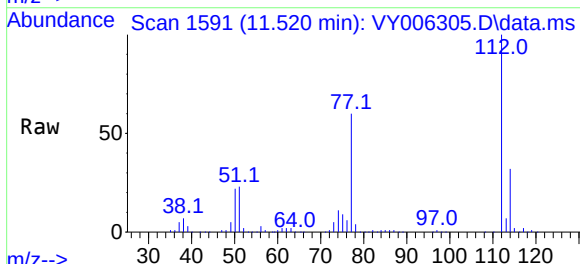
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

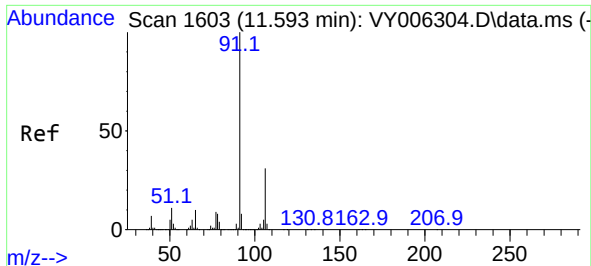
Tgt Ion:107 Resp: 107188
Ion Ratio Lower Upper
107 100
109 94.1 65.7 121.9
188 4.6 2.8 4.2#



#51
Chlorobenzene
Concen: 42.909 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:112 Resp: 410940
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 59.8 46.5 69.7

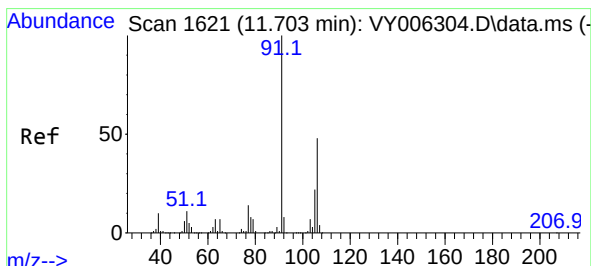
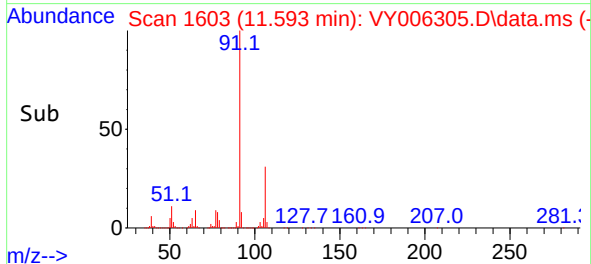
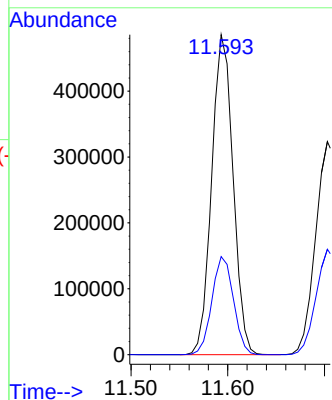
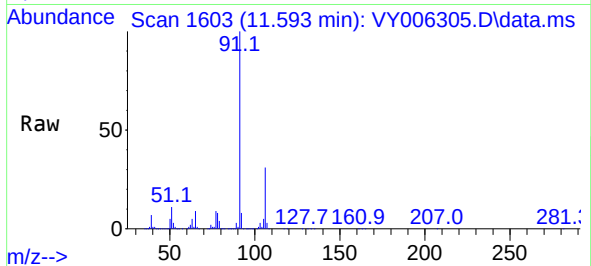




#52
Ethylbenzene
Concen: 44.221 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

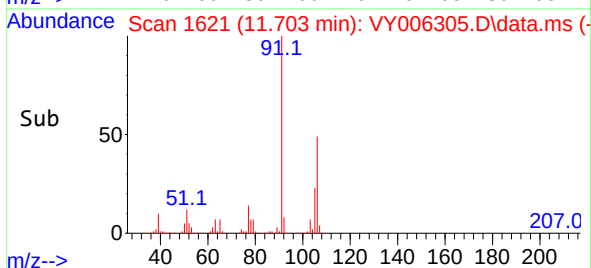
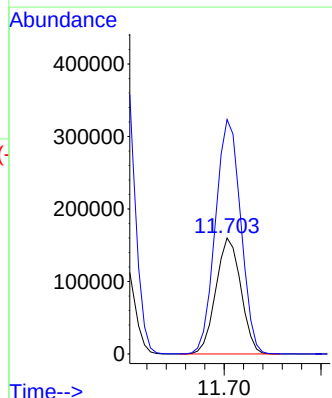
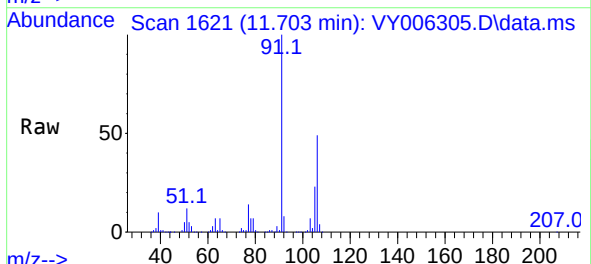
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

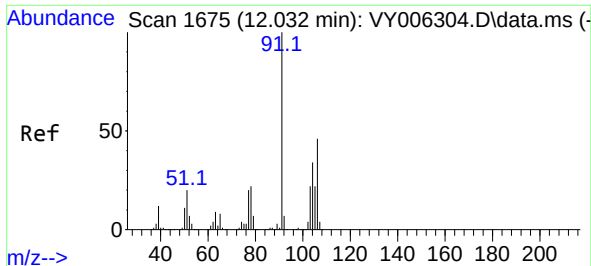
Tgt Ion: 91 Resp: 746647
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 45.271 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 106 Resp: 286158
Ion Ratio Lower Upper
106 100
91 202.0 145.7 270.5

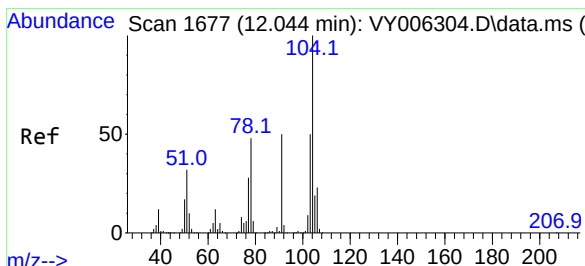
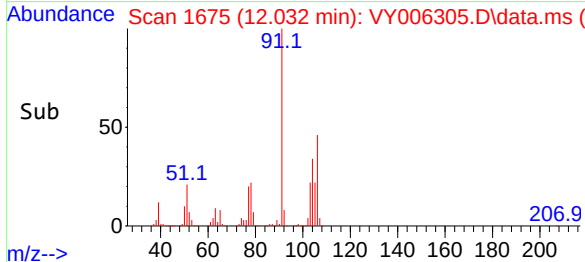
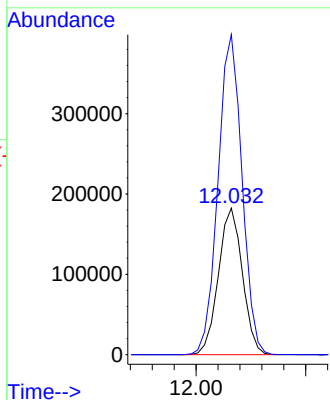
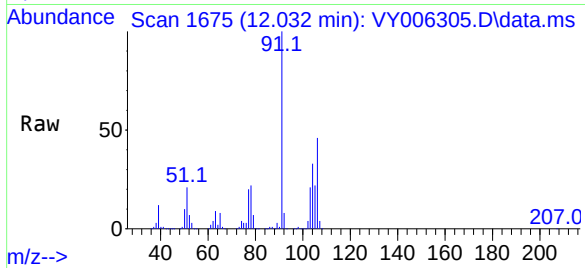




#54
o-Xylene
Concen: 45.869 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

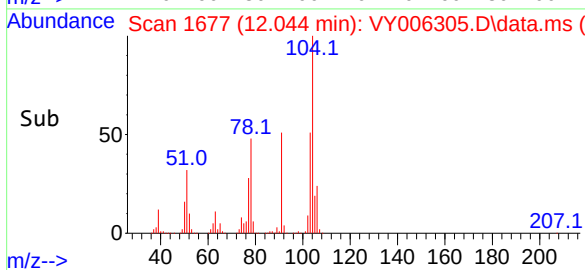
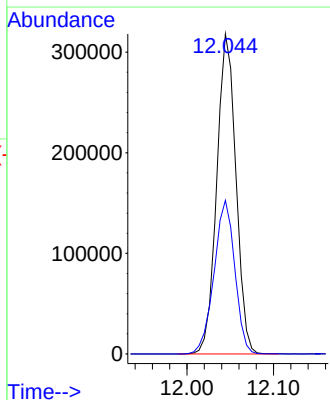
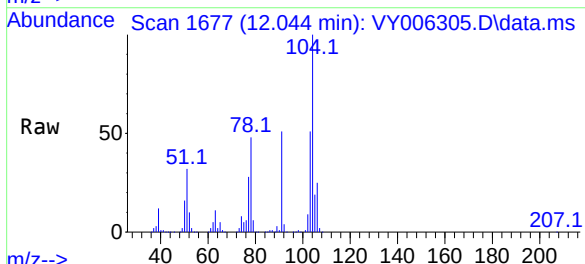
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

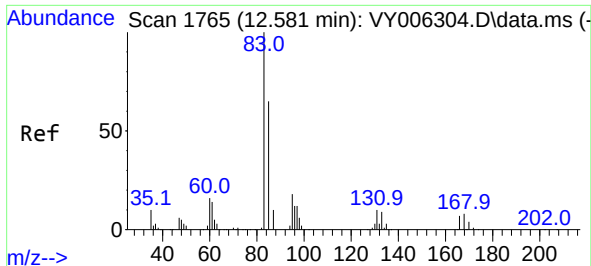
Tgt Ion:106 Resp: 277441
Ion Ratio Lower Upper
106 100
91 218.3 150.6 279.6



#55
Styrene
Concen: 46.473 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:104 Resp: 488718
Ion Ratio Lower Upper
104 100
78 48.0 31.8 59.0



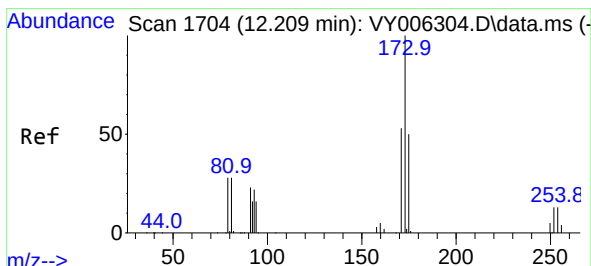
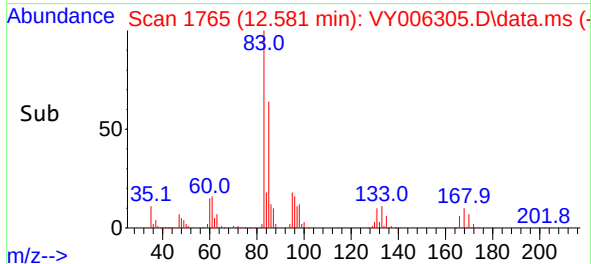
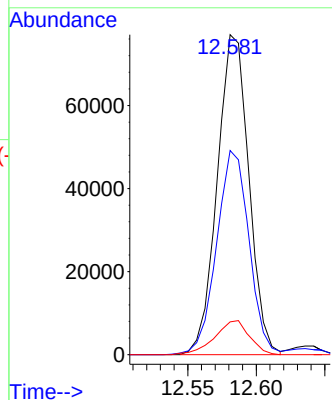
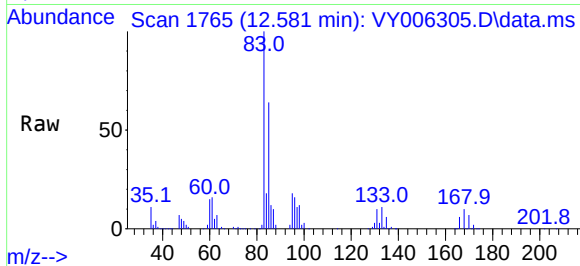


#57
1,1,2,2-Tetrachloroethane
Concen: 36.414 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

Tgt Ion: 83 Resp: 123758

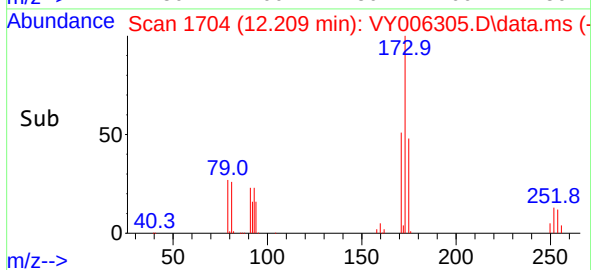
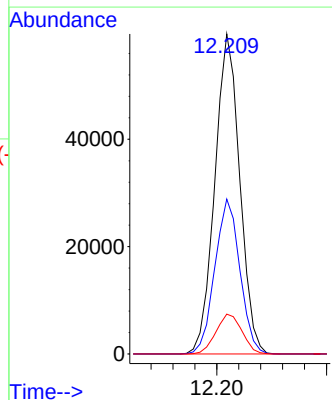
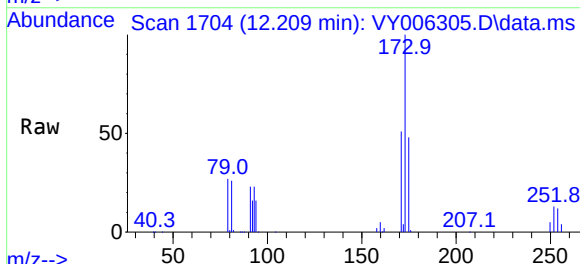
Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.0	83.6
131	10.2	6.9	10.3

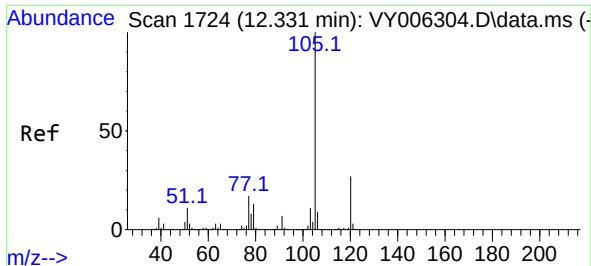


#59
Bromoform
Concen: 39.728 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 173 Resp: 94117

Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.8	58.2
254	13.0	7.3	10.9

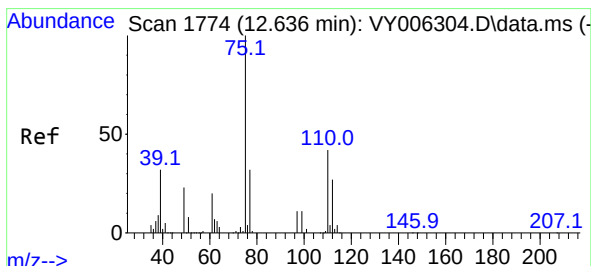
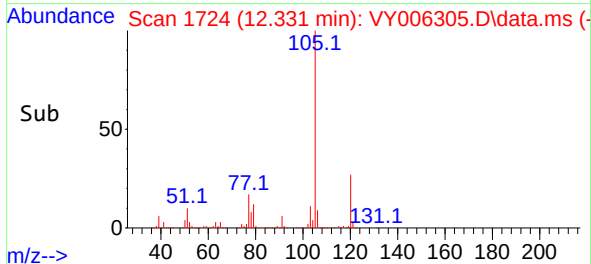
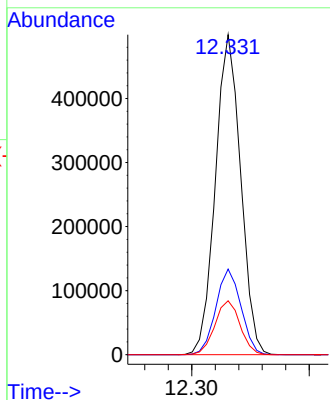
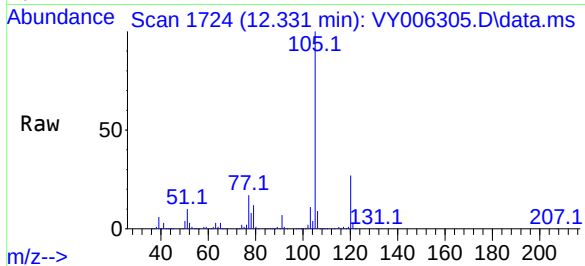




#60
Isopropylbenzene
Concen: 41.887 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

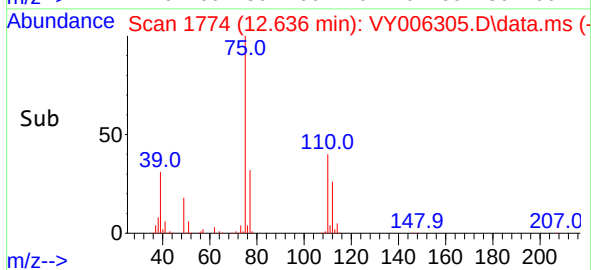
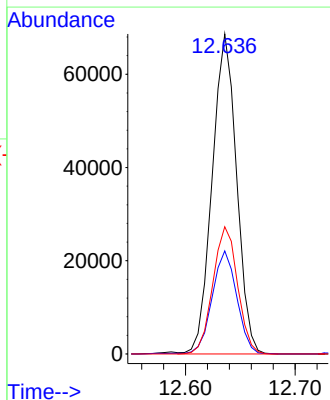
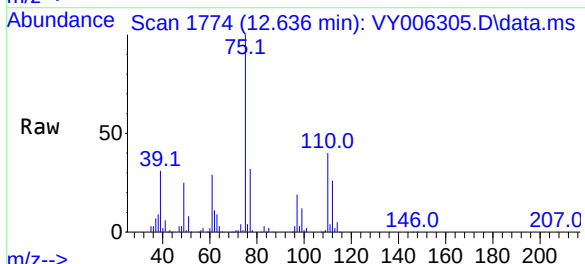
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

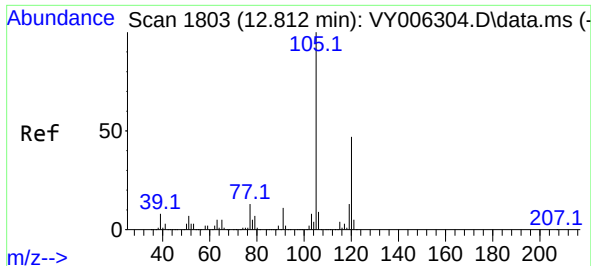
Tgt Ion:	105	Resp:	746451
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.0	31.6
77	16.8	12.7	19.1



#61
1,2,3-Trichloropropane
Concen: 33.854 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:	75	Resp:	106301
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.7	38.5
110	40.1	30.8	46.2

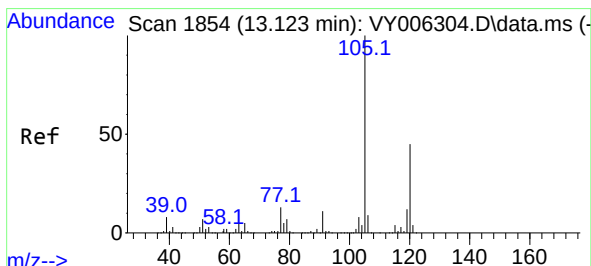
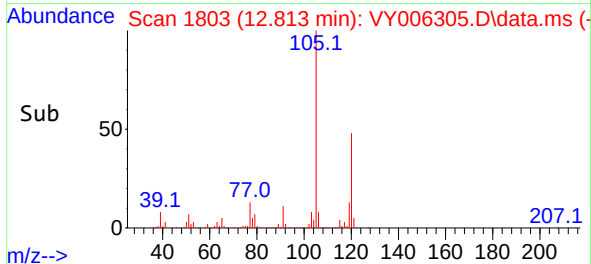
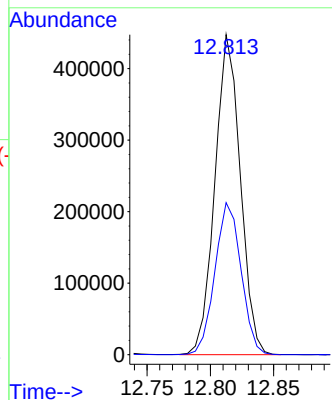
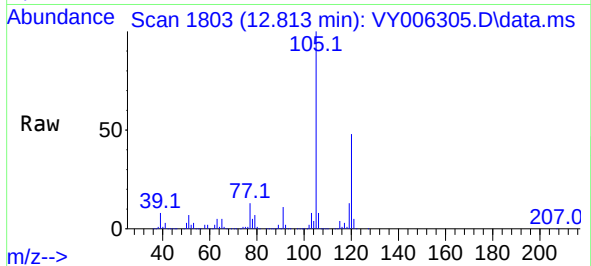




#62
1,3,5-Trimethylbenzene
Concen: 43.301 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

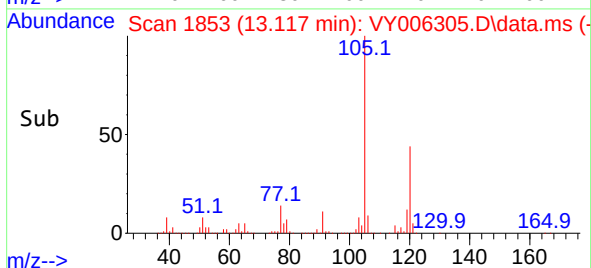
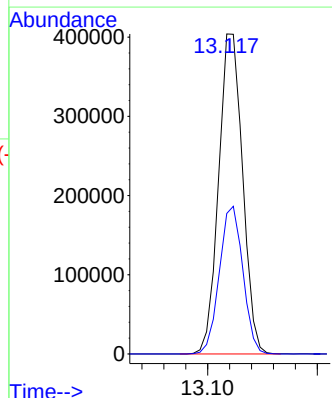
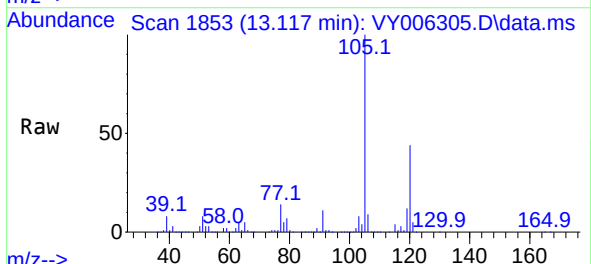
Instrument :
MSVOA_Y
ClientSampled :
VSTD050817

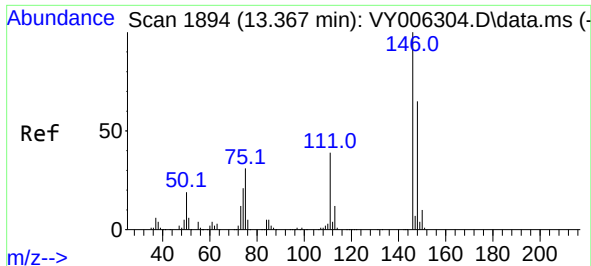
Tgt Ion:105 Resp: 624809
Ion Ratio Lower Upper
105 100
120 48.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 42.822 ug/L
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:105 Resp: 614851
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.4

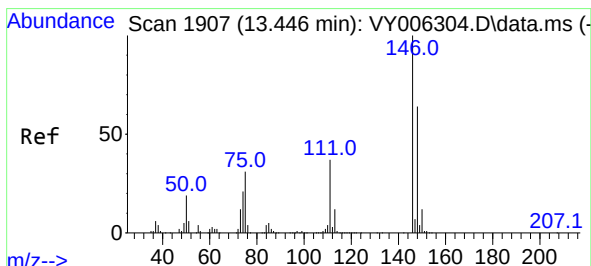
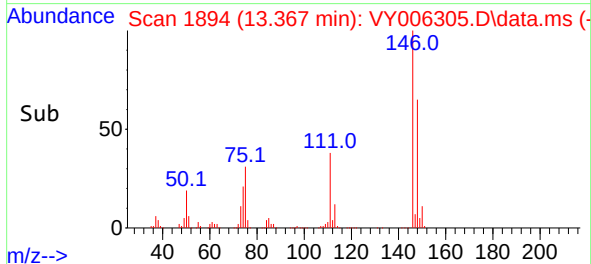
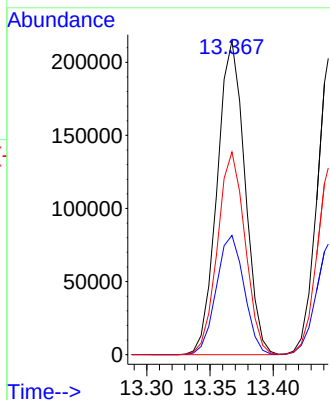
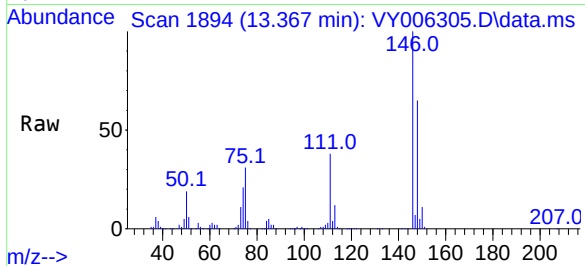




#64
1,3-Dichlorobenzene
Concen: 42.765 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

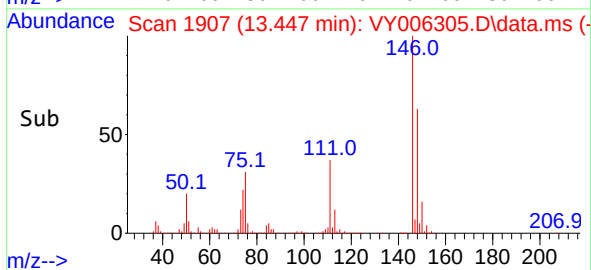
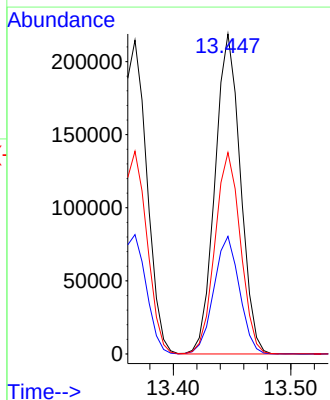
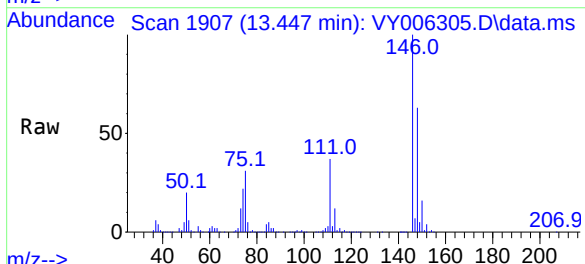
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

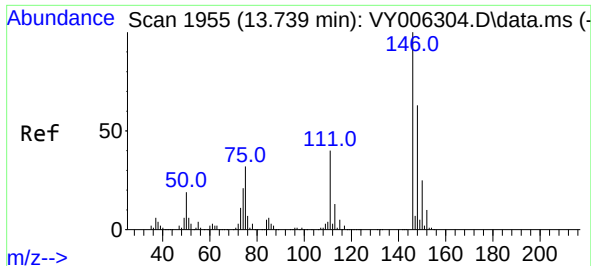
Tgt Ion:146 Resp: 327687
Ion Ratio Lower Upper
146 100
111 38.1 27.4 51.0
148 64.6 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 42.493 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:146 Resp: 329668
Ion Ratio Lower Upper
146 100
111 36.8 26.4 49.0
148 63.0 44.3 82.3

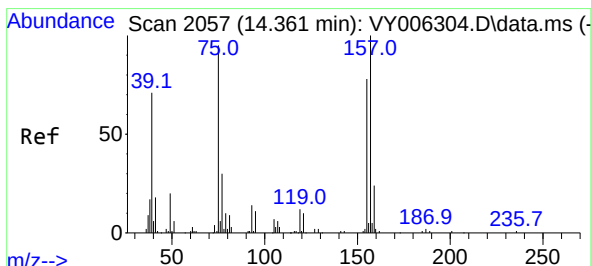
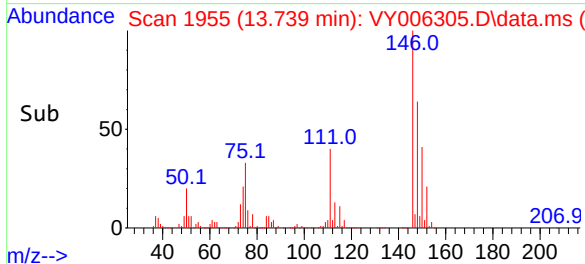
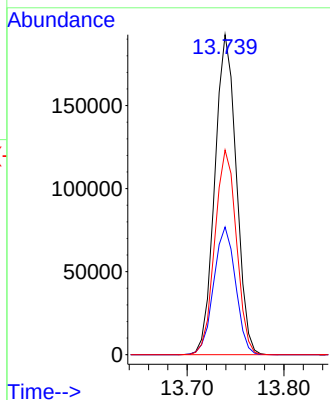
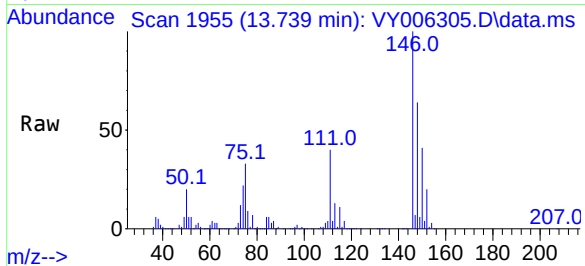




#67
1,2-Dichlorobenzene
Concen: 42.248 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

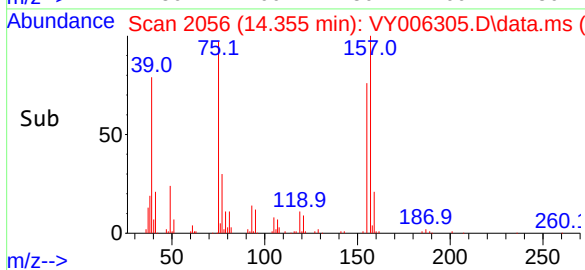
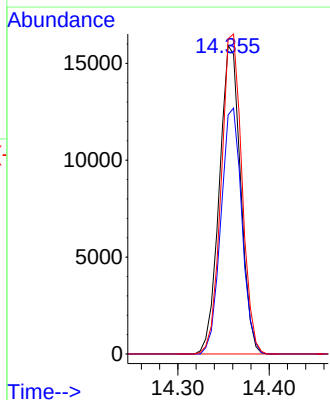
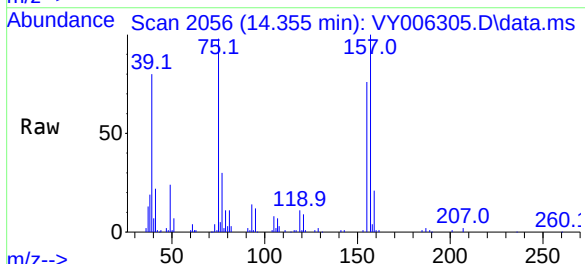
Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

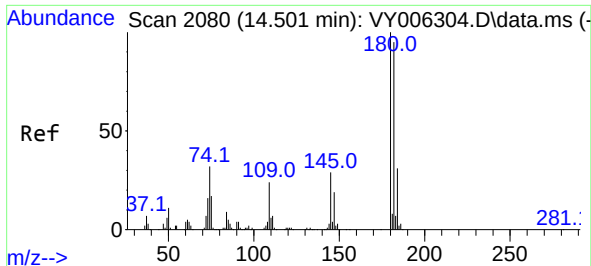
Tgt Ion:146 Resp: 297518
Ion Ratio Lower Upper
146 100
111 39.9 33.9 50.9
148 64.0 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 35.556 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion: 75 Resp: 25743
Ion Ratio Lower Upper
75 100
155 77.5 64.5 96.7
157 102.2 77.4 116.2



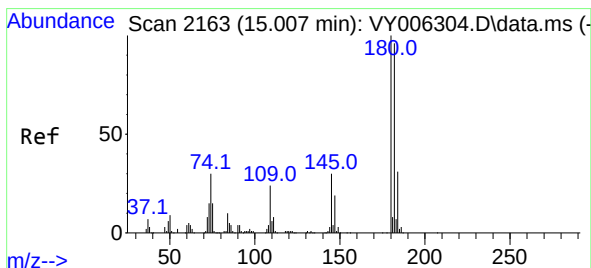
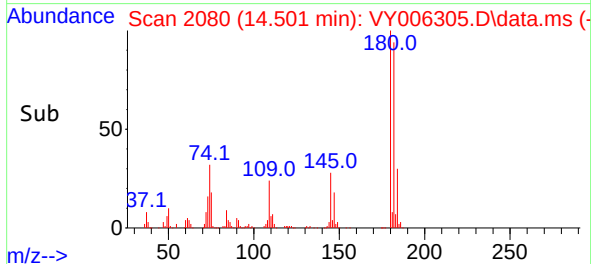
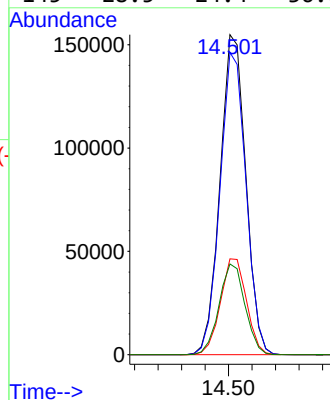
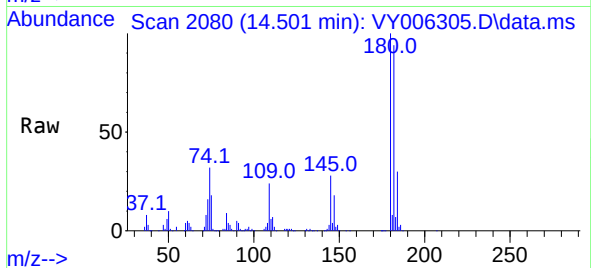


#69
1,3,5-Trichlorobenzene
Concen: 44.973 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

Tgt Ion:180 Resp: 235753

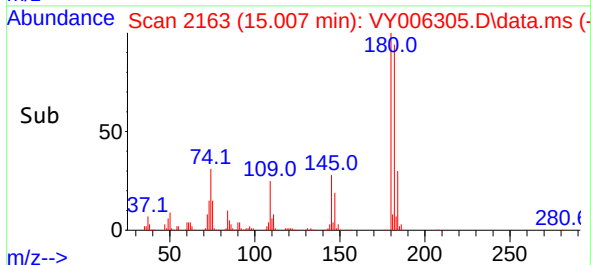
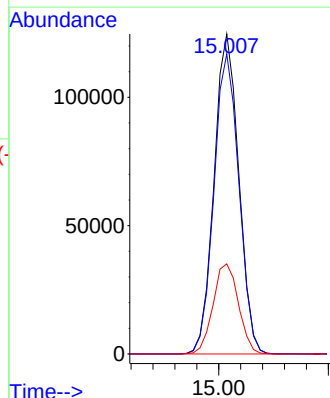
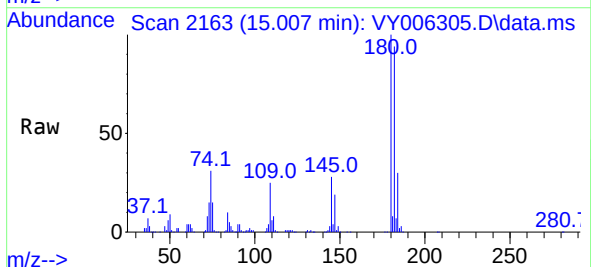
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
184	30.4	24.6	36.8
145	28.5	24.4	36.6

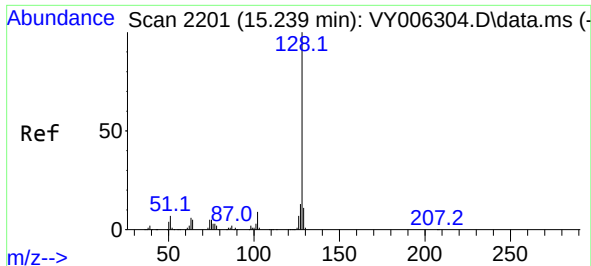


#70
1,2,4-trichlorobenzene
Concen: 44.760 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:180 Resp: 195015

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	29.0	25.0	37.6

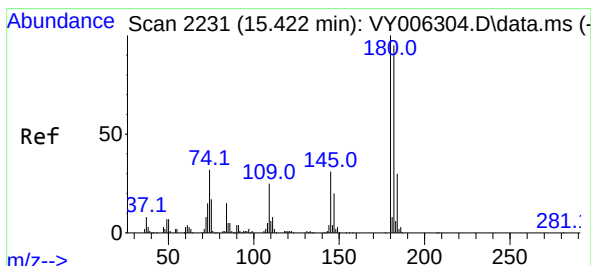
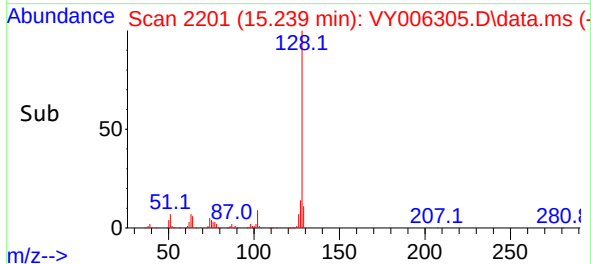
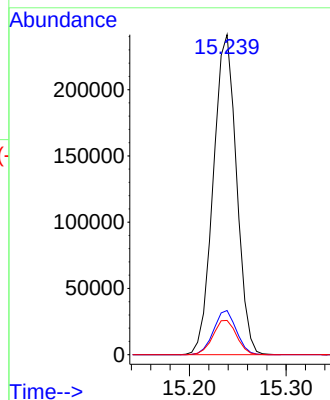
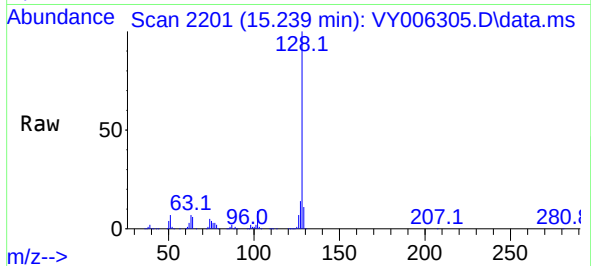




#71
Naphthalene
Concen: 39.072 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTD050817

Tgt Ion:128 Resp: 402522
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.9 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 43.995 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY006305.D
Acq: 05 Oct 2021 10:07

Tgt Ion:180 Resp: 172914
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 30.8 25.8 38.8

