

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100921\
 Data File : VY006354.D
 Acq On : 08 Oct 2021 12:29
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025892

Quant Time: Oct 09 00:42:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 00:39:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	191463	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.495	117	188367	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	99663	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	70855	21.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
7) Chloroethane-d5	2.765	69	55980	22.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.920%
11) 1,1-Dichloroethene-d2	3.863	63	121550	22.339	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.360%
21) 2-Butanone-d5	6.899	46	59035	66.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.080%
24) Chloroform-d	7.484	84	120719	25.029	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.120%
26) 1,2-Dichloroethane-d4	8.149	65	84453	26.659	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.640%
32) Benzene-d6	8.118	84	240824	23.235	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	9.124	67	74801	24.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.360%
41) Toluene-d8	10.185	98	227866	23.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.320%
43) trans-1,3-Dichloroprop...	10.441	79	39901	25.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.840%
47) 2-Hexanone-d5	10.788	63	43894	65.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.500%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	68940	29.024	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.080%
66) 1,2-Dichlorobenzene-d4	13.727	152	86674	25.211	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	90585	25.307	ug/L	100
3) Chloromethane	2.119	50	83689	23.898	ug/L	97
5) Vinyl chloride	2.259	62	96100	23.457	ug/L	99
6) Bromomethane	2.662	94	48144	25.909	ug/L	99
8) Chloroethane	2.802	64	56200	24.241	ug/L	99
9) Trichlorofluoromethane	3.137	101	119208	23.550	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	57771	22.597	ug/L	91
12) 1,1-Dichloroethene	3.881	96	59192	23.989	ug/L	94
13) Acetone	3.954	43	54937	54.196	ug/L	98
14) Carbon disulfide	4.204	76	202538	22.680	ug/L	98
15) Methyl Acetate	4.485	43	48778	30.818	ug/L	99
16) Methylene chloride	4.728	84	73221	21.688	ug/L	95
17) trans-1,2-Dichloroethene	5.234	96	64537	24.898	ug/L	99
18) Methyl tert-butyl Ether	5.228	73	193728	28.573	ug/L	97
19) 1,1-Dichloroethane	6.027	63	121774	25.919	ug/L	99
20) cis-1,2-Dichloroethene	6.996	96	72565	26.708	ug/L	94
22) 2-Butanone	6.996	43	70247	62.259	ug/L	100
23) Bromochloromethane	7.338	128	33920	27.459	ug/L	90
25) Chloroform	7.515	83	136573	26.544	ug/L	98

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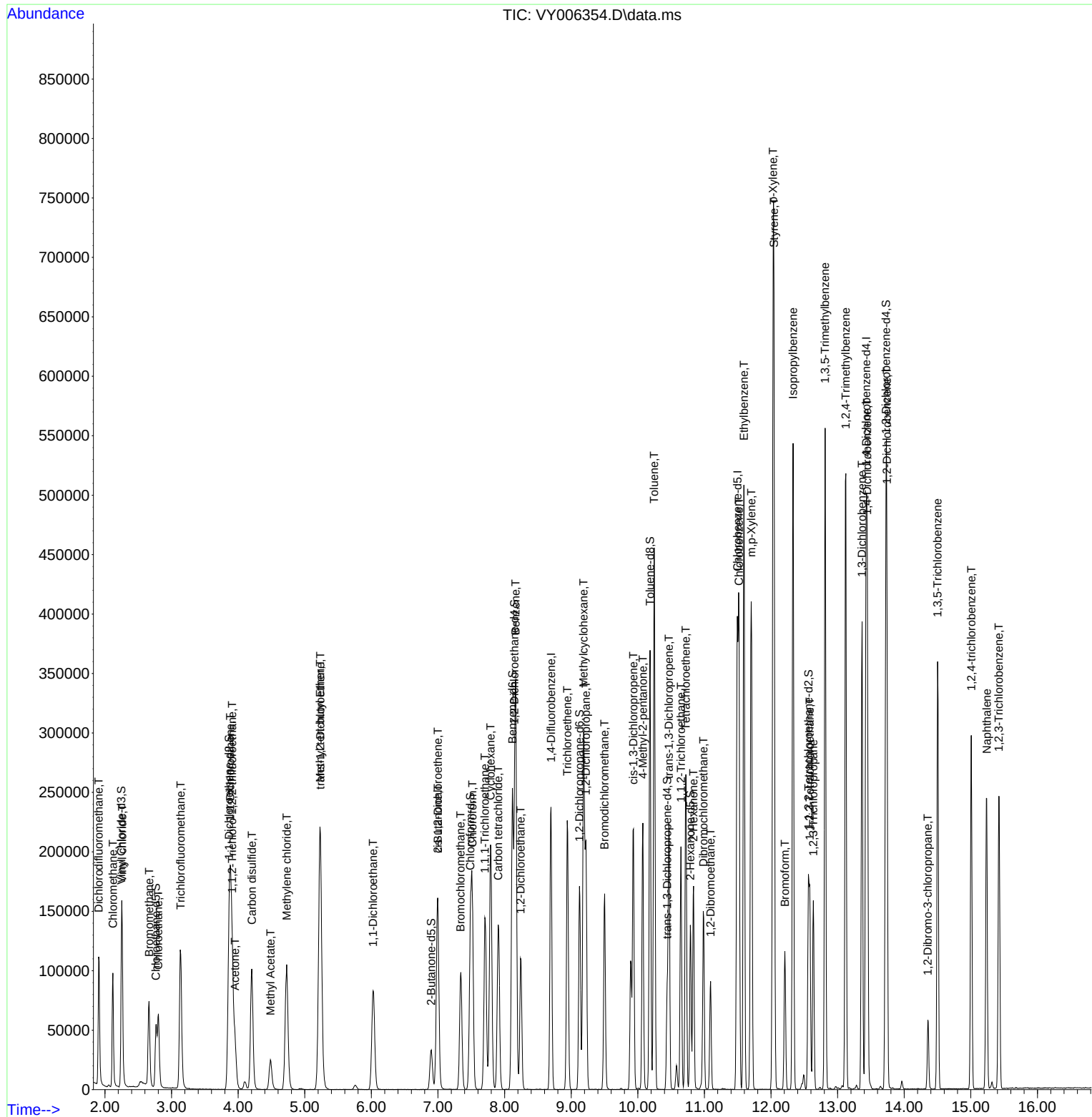
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	103564	28.314	ug/L	97
29) Cyclohexane	7.789	56	111033	22.911	ug/L	97
30) 1,1,1-Trichloroethane	7.703	97	117465	24.561	ug/L	100
31) Carbon tetrachloride	7.905	117	103944	24.015	ug/L	98
33) Benzene	8.167	78	288288	25.064	ug/L	100
34) Trichloroethene	8.941	95	71802	24.572	ug/L	96
35) Methylcyclohexane	9.185	83	114817	22.497	ug/L	99
37) 1,2-Dichloropropane	9.222	63	70546	25.631	ug/L	99
38) Bromodichloromethane	9.502	83	99486	26.339	ug/L	98
39) cis-1,3-Dichloropropene	9.935	75	117461	26.852	ug/L	97
40) 4-Methyl-2-pentanone	10.075	43	142905	64.732	ug/L	99
42) Toluene	10.246	91	311049	25.010	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	111251	26.938	ug/L	100
45) 1,1,2-Trichloroethane	10.648	97	56779	27.929	ug/L	98
46) Tetrachloroethene	10.721	164	56377	23.374	ug/L	95
48) 2-Hexanone	10.837	43	107932	62.657	ug/L	98
49) Dibromochloromethane	10.983	129	70957	27.796	ug/L	98
50) 1,2-Dibromoethane	11.093	107	54345	28.664	ug/L	99
51) Chlorobenzene	11.520	112	189328	25.135	ug/L	99
52) Ethylbenzene	11.593	91	325751	24.558	ug/L	98
53) m,p-Xylene	11.703	106	126134	24.837	ug/L	98
54) o-Xylene	12.032	106	124410	25.565	ug/L	99
55) Styrene	12.044	104	219324	25.852	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.581	83	64146	28.936	ug/L #	97
59) Bromoform	12.209	173	48002	28.541	ug/L #	97
60) Isopropylbenzene	12.331	105	322352	23.960	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	57714	29.518	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	268870	24.539	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	269186	24.894	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	149671	24.821	ug/L	98
65) 1,4-Dichlorobenzene	13.446	146	151528	24.991	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	139130	25.389	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	14419	30.607	ug/L	94
69) 1,3,5-Trichlorobenzene	14.501	180	105383	24.712	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	86799	25.175	ug/L	99
71) Naphthalene	15.239	128	200926	29.834	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	81165	27.095	ug/L	98

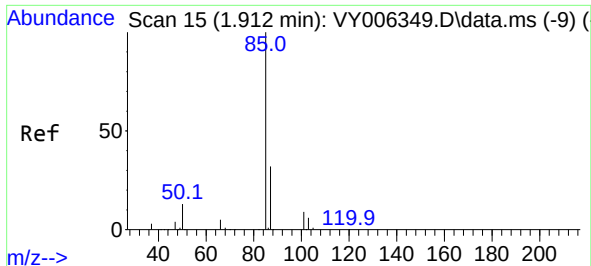
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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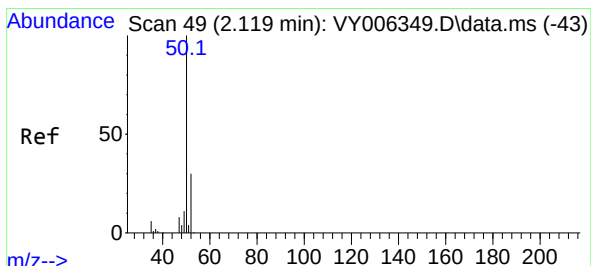
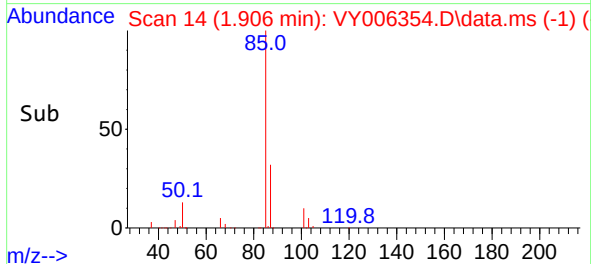
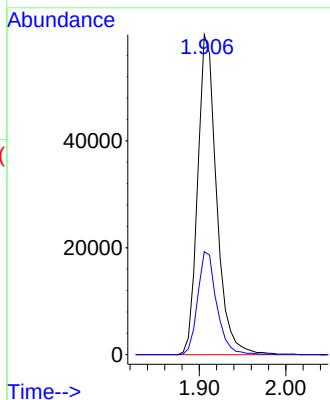
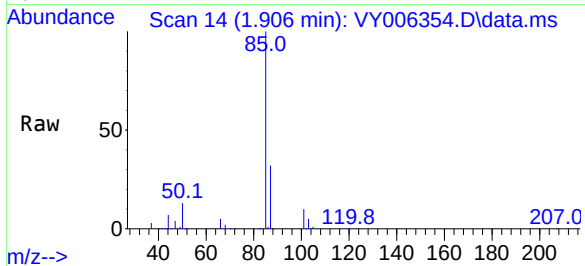




#2
Dichlorodifluoromethane
Concen: 25.307 ug/L
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

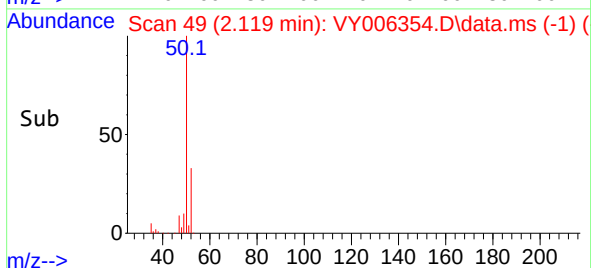
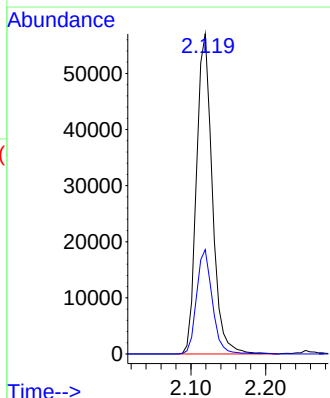
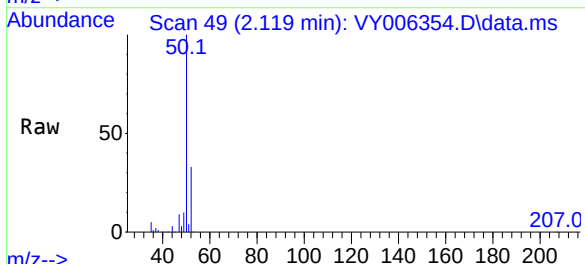
Instrument :
MSVOA_Y
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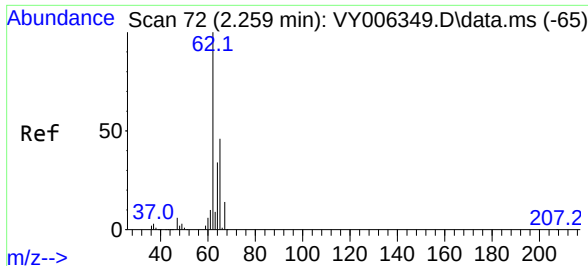
Tgt Ion: 85 Resp: 90585
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.2



#3
Chloromethane
Concen: 23.898 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 50 Resp: 83689
Ion Ratio Lower Upper
50 100
52 32.6 21.8 40.4

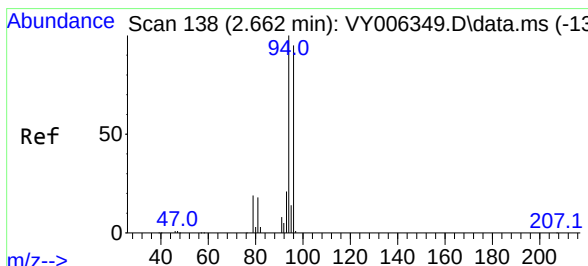
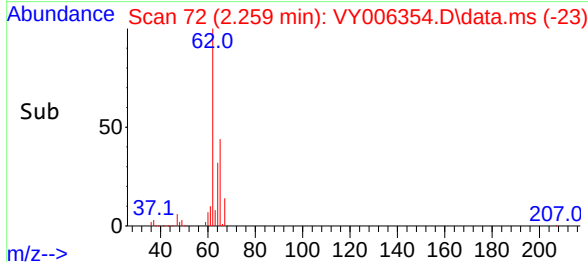
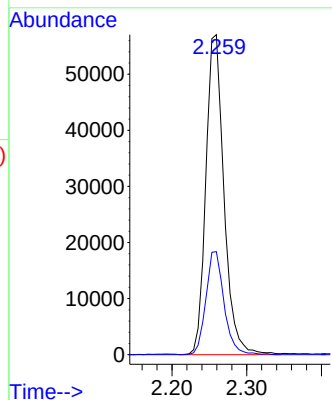
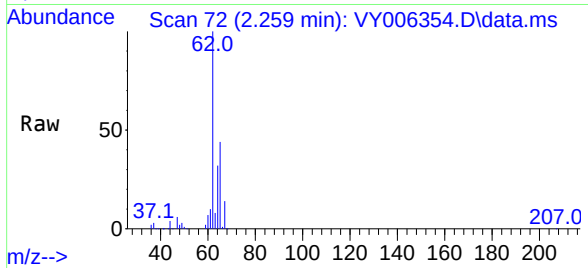




#5
 Vinyl chloride
 Concen: 23.457 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY006354.D
 Acq: 08 Oct 2021 12:29

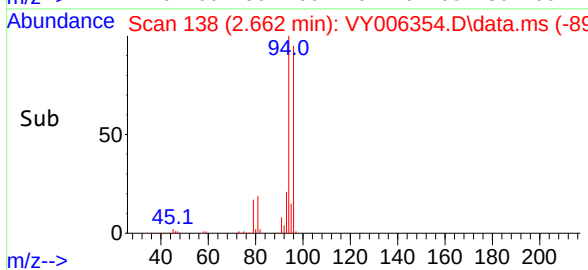
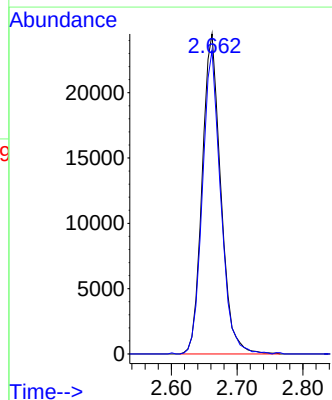
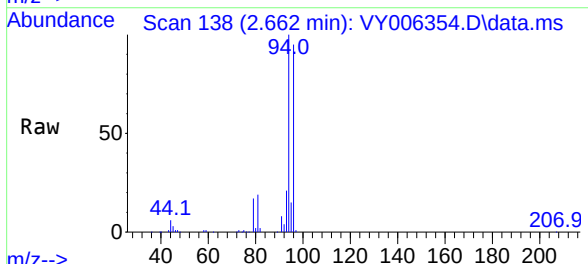
Instrument :
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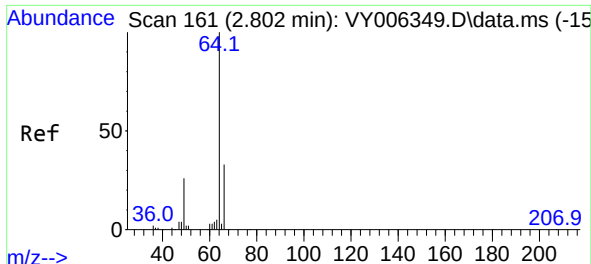
Tgt Ion: 62 Resp: 96100
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.8 42.4



#6
 Bromomethane
 Concen: 25.909 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006354.D
 Acq: 08 Oct 2021 12:29

Tgt Ion: 94 Resp: 48144
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.9 122.5

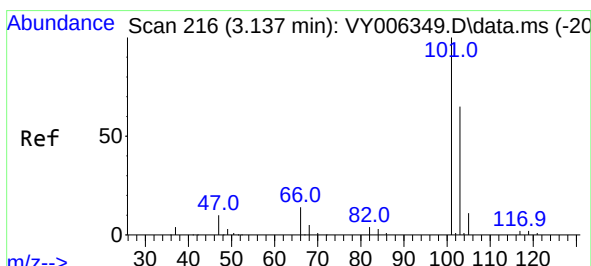
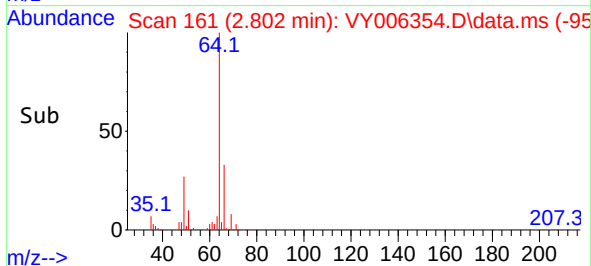
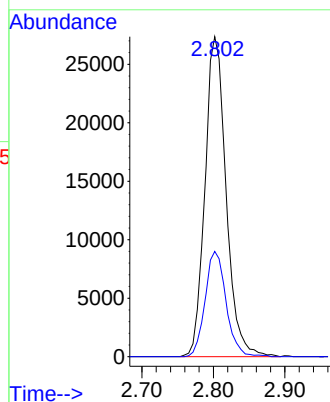
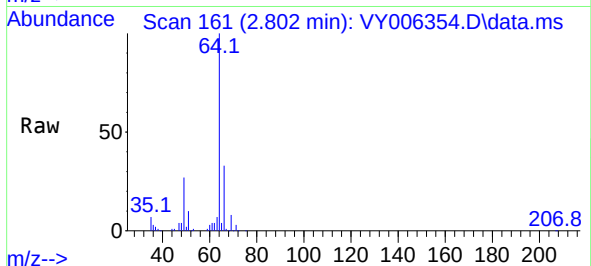




#8
Chloroethane
Concen: 24.241 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

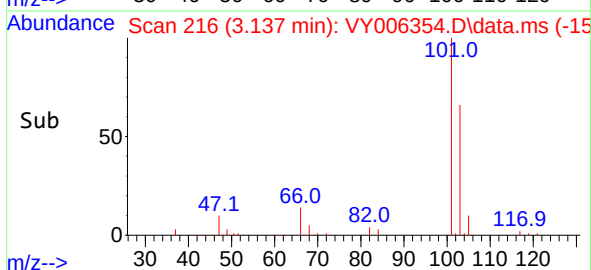
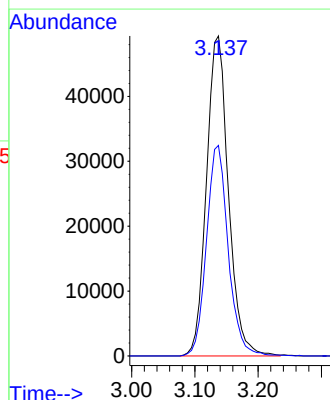
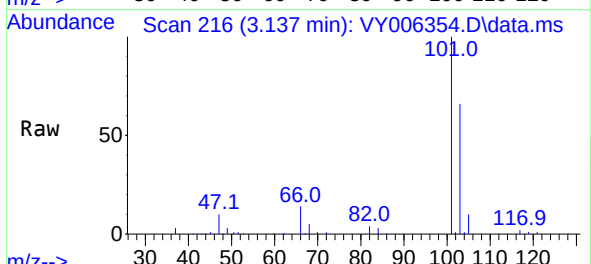
Instrument :
MSVOA_Y
ClientSampleId :
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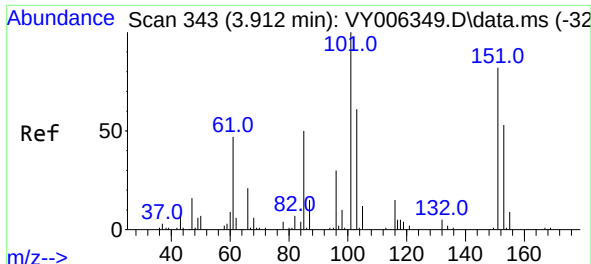
Tgt Ion: 64 Resp: 56200
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 23.550 ug/L
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:101 Resp: 119208
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2



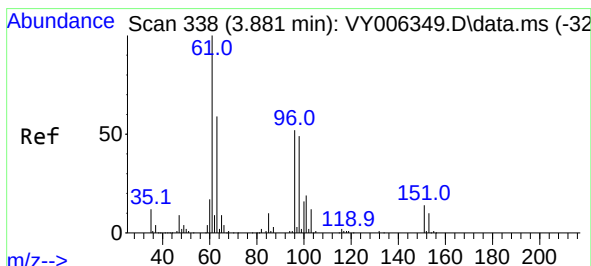
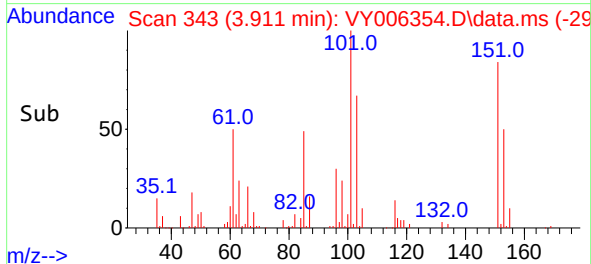
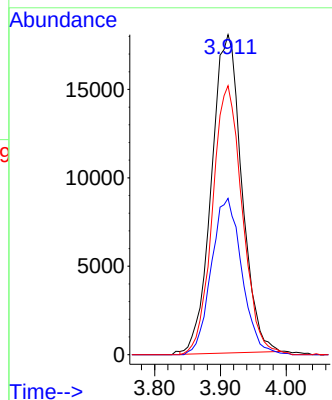
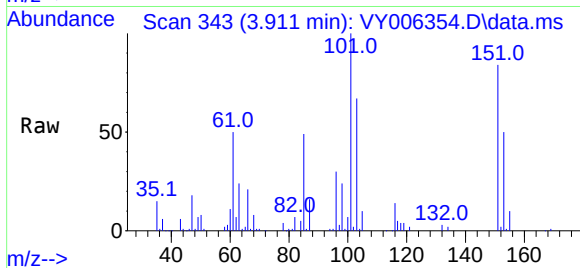


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.597 ug/L
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

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Tgt Ion:101 Resp: 57771

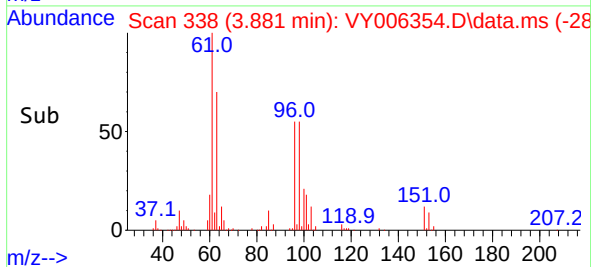
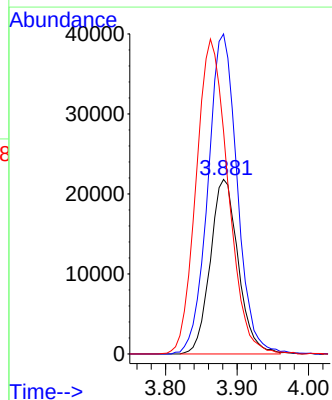
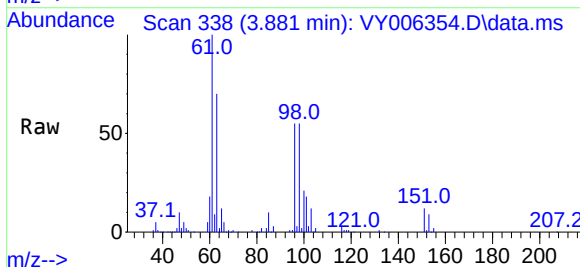
Ion	Ratio	Lower	Upper
101	100		
85	49.4	36.6	54.8
151	83.3	59.0	88.4

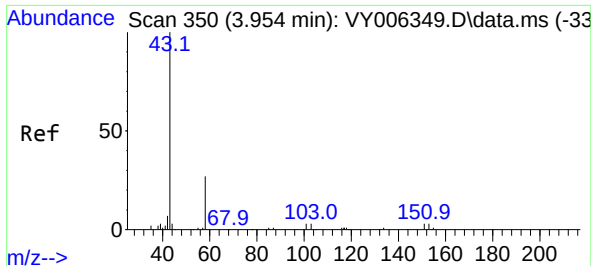


#12
1,1-Dichloroethene
Concen: 23.989 ug/L
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 96 Resp: 59192

Ion	Ratio	Lower	Upper
96	100		
61	183.4	121.2	225.2
63	127.6	86.9	161.3

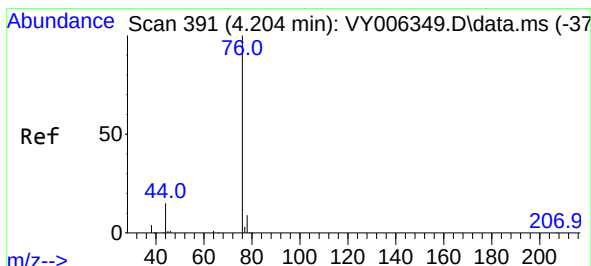
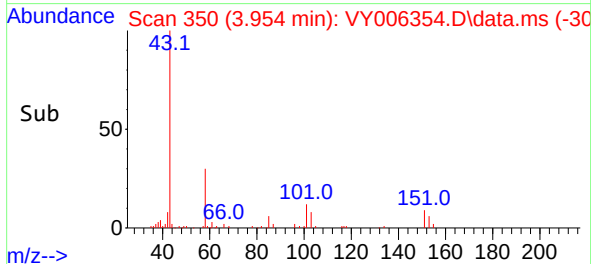
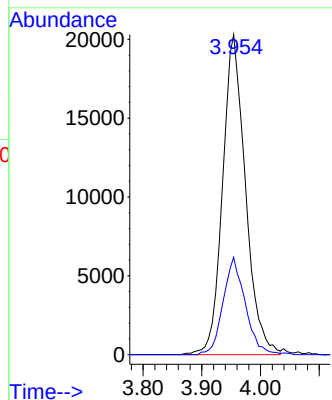
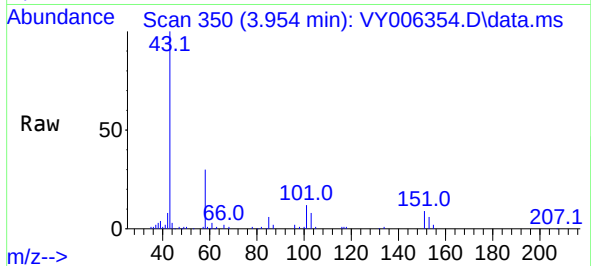




#13
Acetone
Concen: 54.196 ug/L
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

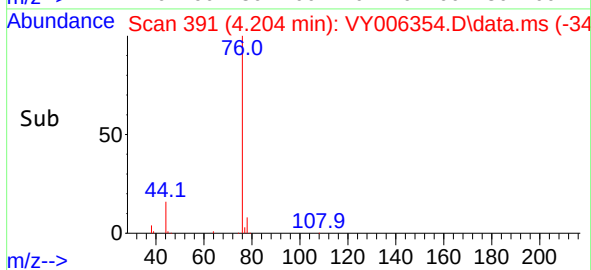
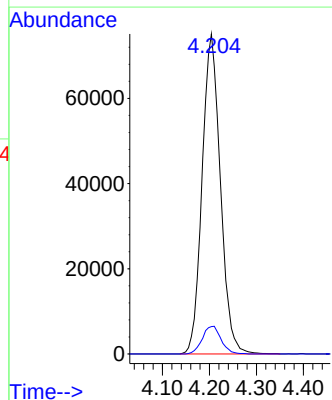
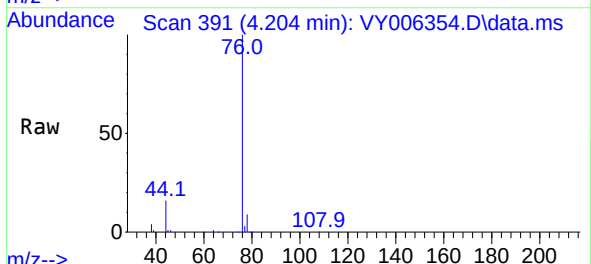
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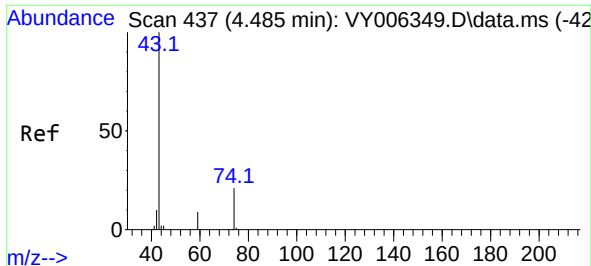
Tgt Ion: 43 Resp: 54937
Ion Ratio Lower Upper
43 100
58 29.4 0.0 61.0



#14
Carbon disulfide
Concen: 22.680 ug/L
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 202538
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

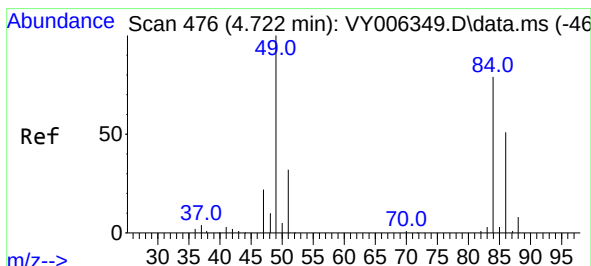
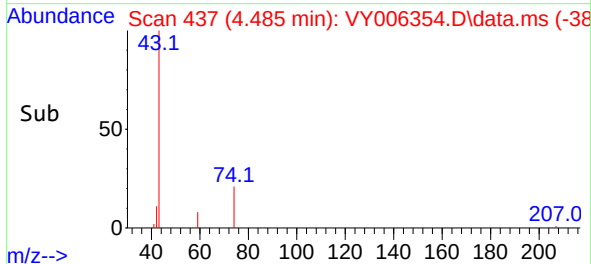
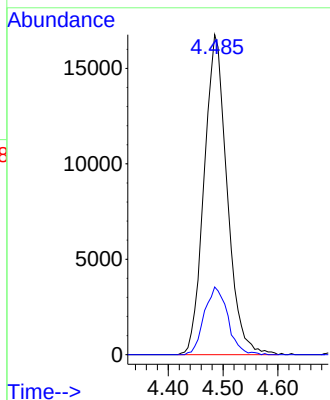
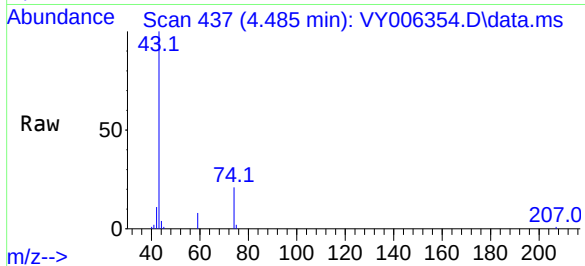




#15
Methyl Acetate
Concen: 30.818 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

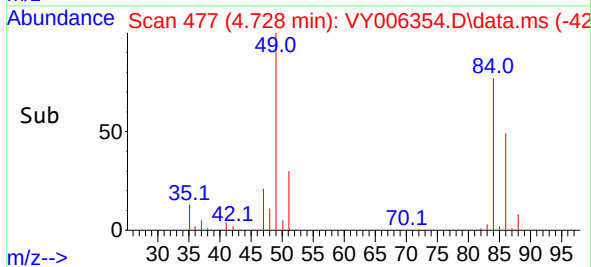
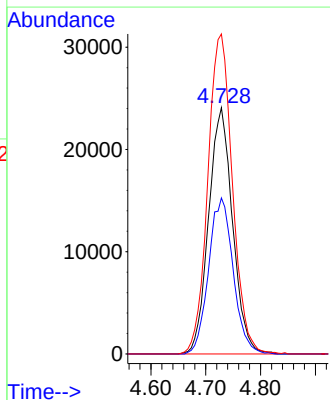
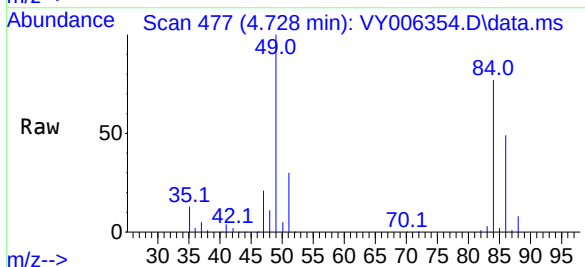
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

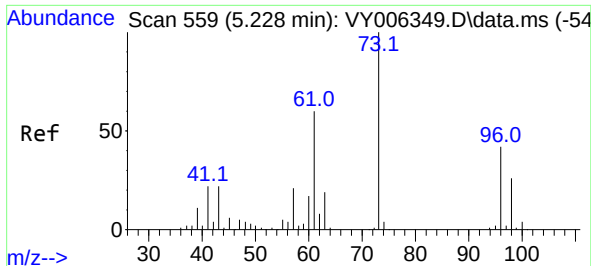
Tgt Ion: 43 Resp: 48778
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1



#16
Methylene chloride
Concen: 21.688 ug/L
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 84 Resp: 73221
Ion Ratio Lower Upper
84 100
86 63.4 43.2 80.2
49 129.9 96.0 178.4



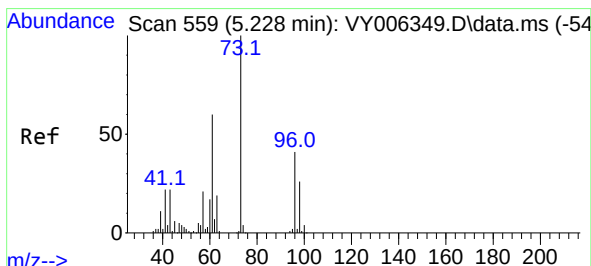
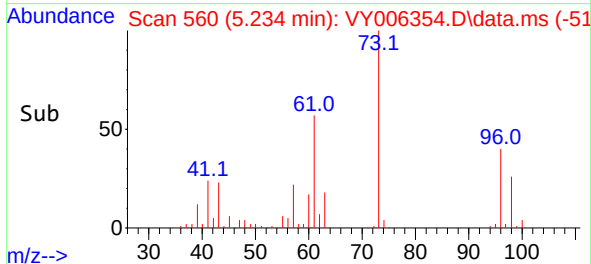
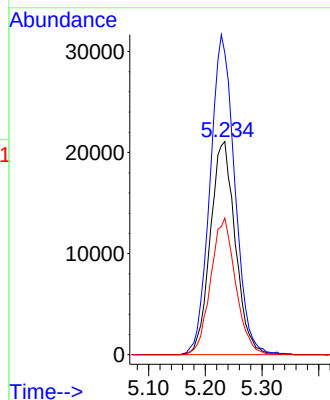
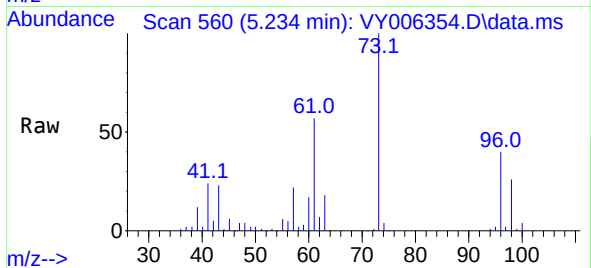


#17

trans-1,2-Dichloroethene
Concen: 24.898 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

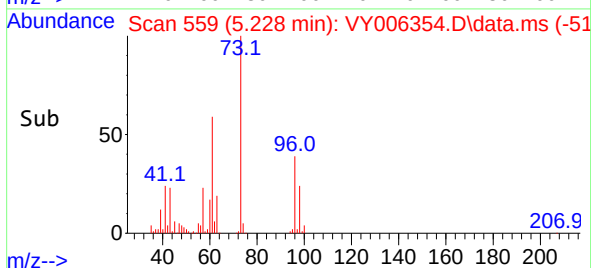
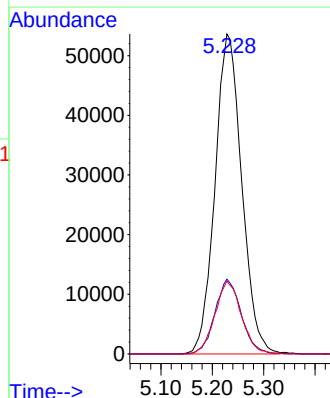
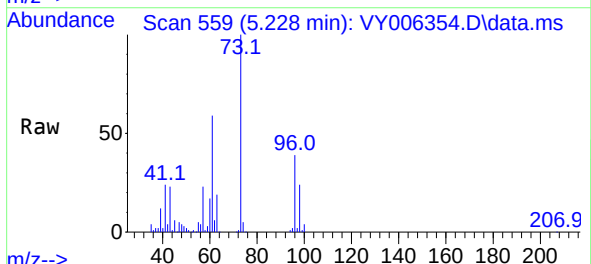
Tgt Ion: 96 Resp: 64537
Ion Ratio Lower Upper
96 100
61 141.5 97.6 181.2
98 64.1 44.8 83.2

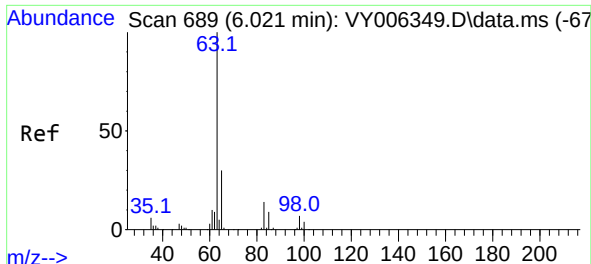


#18

Methyl tert-butyl Ether
Concen: 28.573 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 73 Resp: 193728
Ion Ratio Lower Upper
73 100
43 22.9 16.8 25.2
57 22.4 18.7 28.1



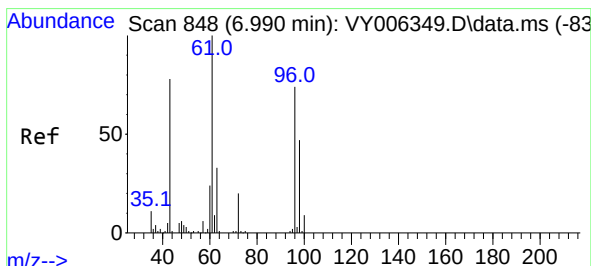
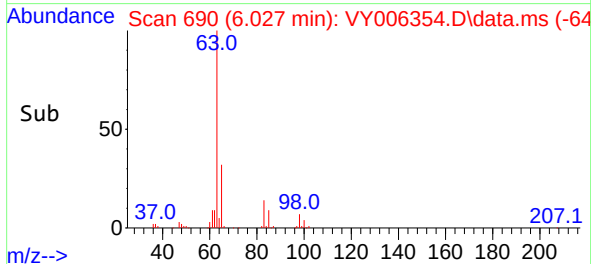
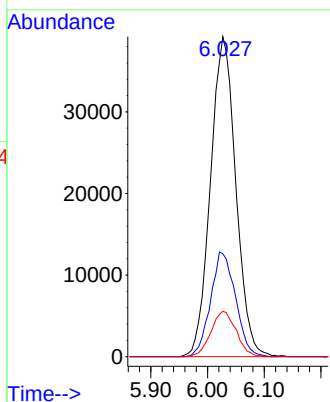
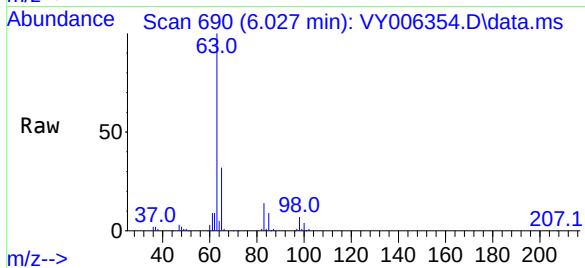


#19
1,1-Dichloroethane
Concen: 25.919 ug/L
RT: 6.027 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

Tgt Ion: 63 Resp: 121774

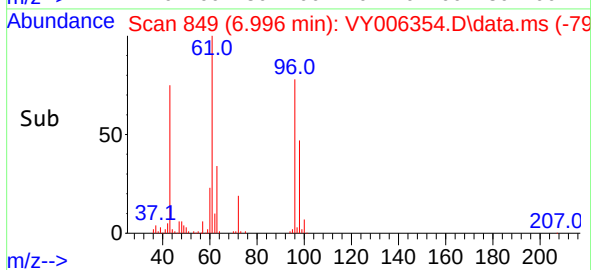
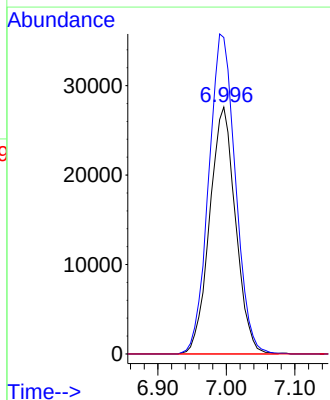
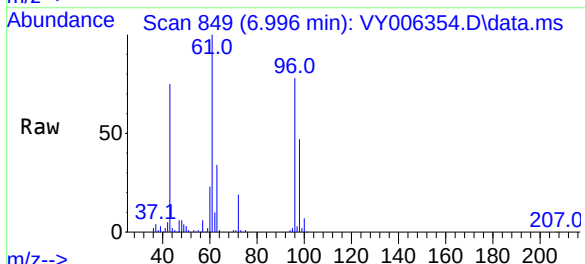
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.4	41.6
83	14.2	9.5	17.7

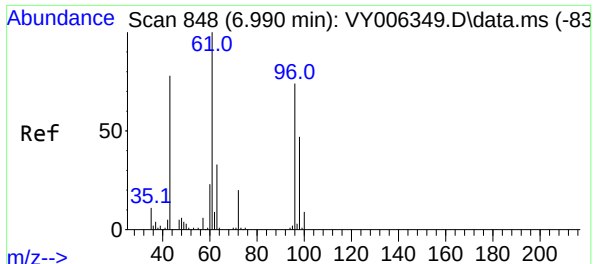


#20
cis-1,2-Dichloroethene
Concen: 26.708 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 96 Resp: 72565

Ion	Ratio	Lower	Upper
96	100		
61	128.2	94.8	176.2
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 62.259 ug/L

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006354.D

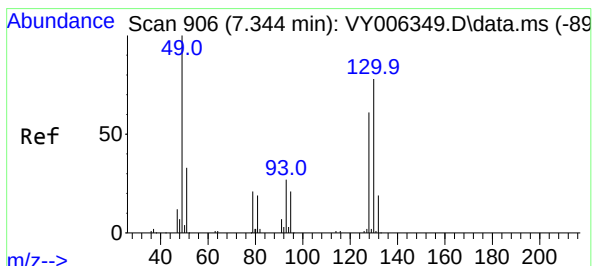
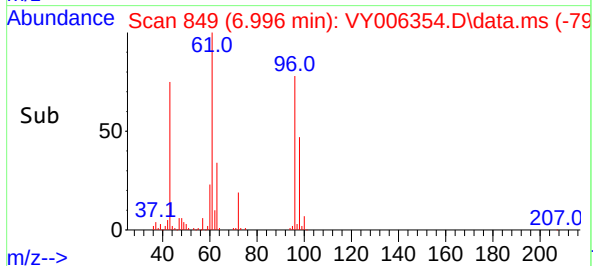
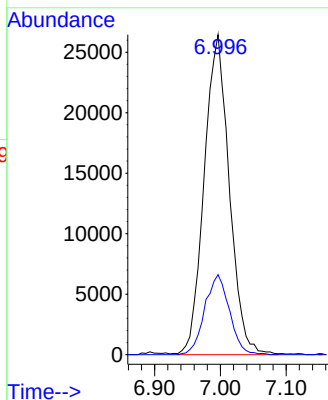
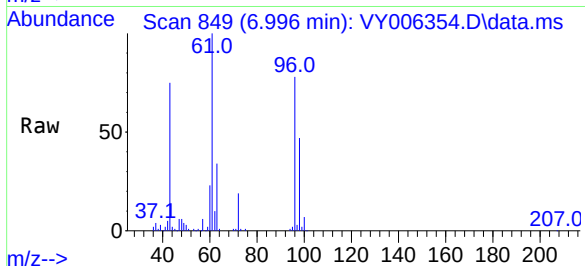
Acq: 08 Oct 2021 12:29

Tgt Ion: 43 Resp: 70247

Ion Ratio Lower Upper

43 100

72 24.5 12.2 36.6



#23

Bromochloromethane

Concen: 27.459 ug/L

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY006354.D

Acq: 08 Oct 2021 12:29

Tgt Ion: 128 Resp: 33920

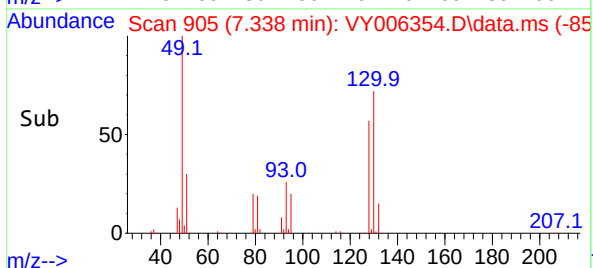
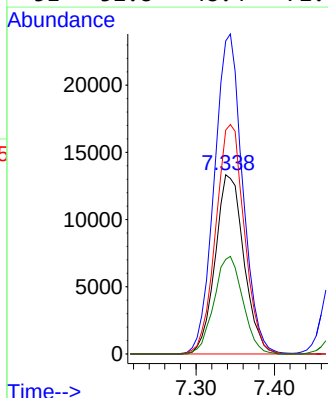
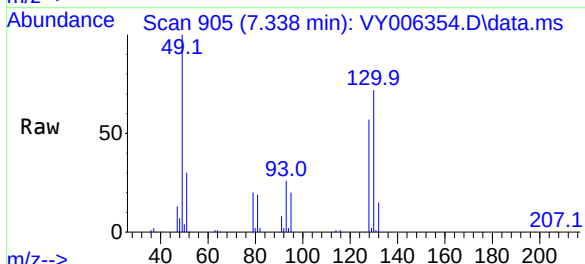
Ion Ratio Lower Upper

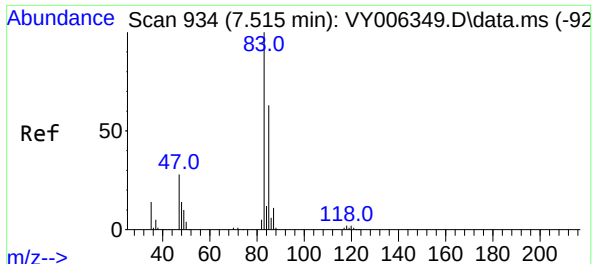
128 100

49 174.6 138.9 258.1

130 124.9 88.3 164.1

51 52.8 48.4 72.6

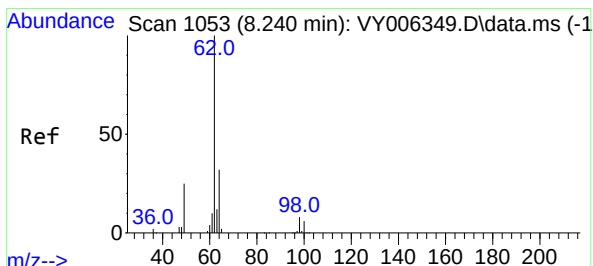
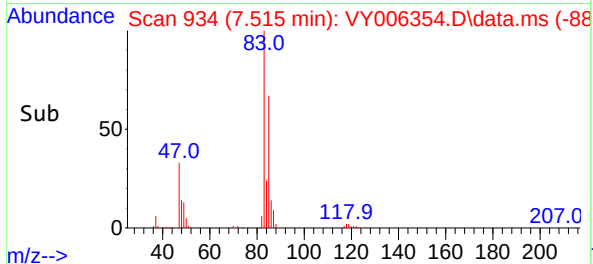
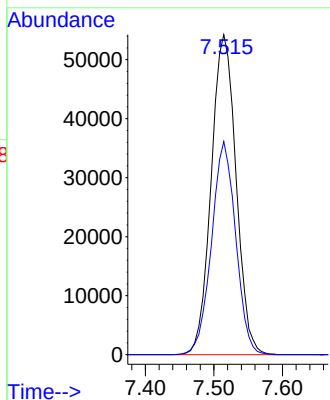
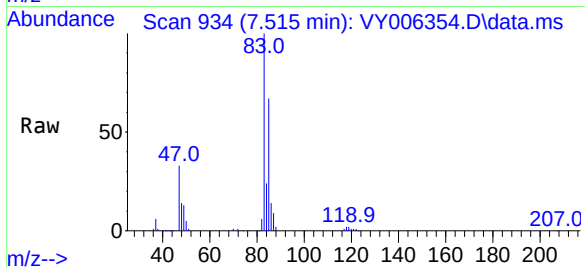




#25
Chloroform
Concen: 26.544 ug/L
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

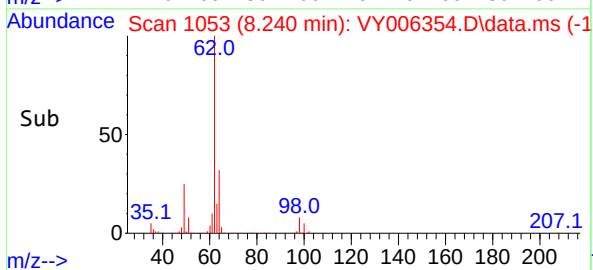
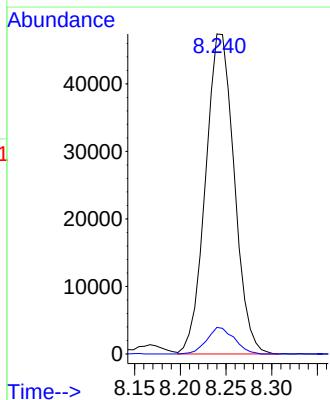
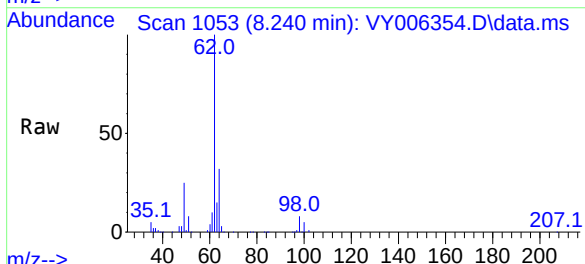
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

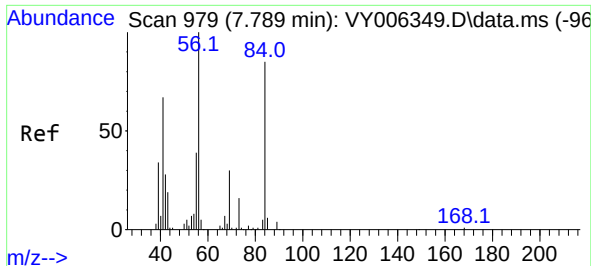
Tgt Ion: 83 Resp: 136573
Ion Ratio Lower Upper
83 100
85 66.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 28.314 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 62 Resp: 103564
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3





#29

Cyclohexane

Concen: 22.911 ug/L

RT: 7.789 min Scan# 979

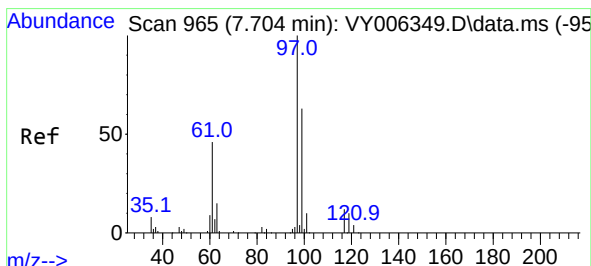
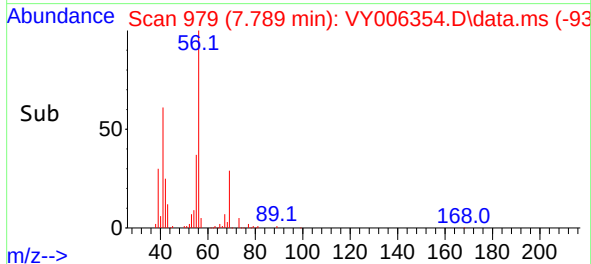
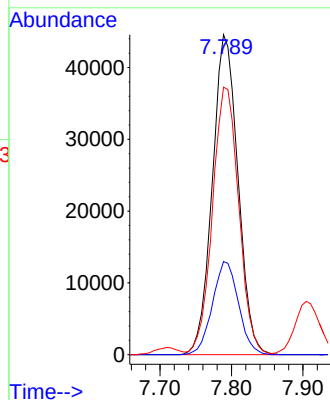
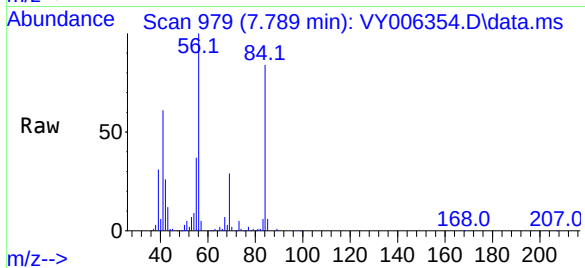
Delta R.T. -0.000 min

Lab File: VY006354.D

Acq: 08 Oct 2021 12:29

Tgt Ion: 56 Resp: 111033

Ion	Ratio	Lower	Upper
56	100		
69	29.6	22.6	33.8
84	85.8	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 24.561 ug/L

RT: 7.703 min Scan# 965

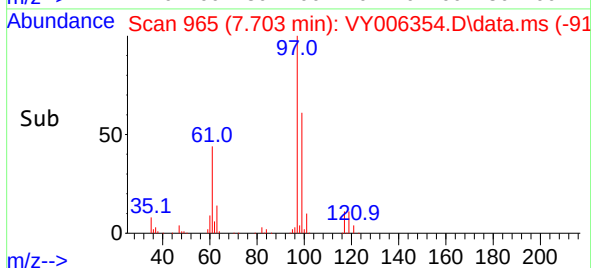
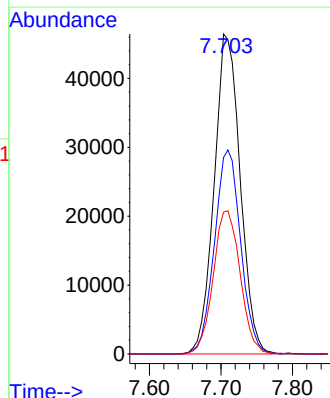
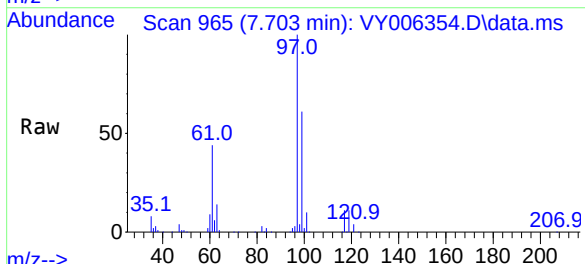
Delta R.T. -0.000 min

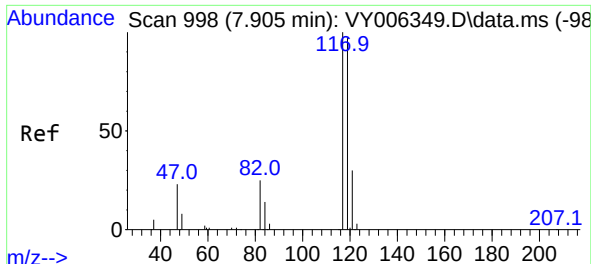
Lab File: VY006354.D

Acq: 08 Oct 2021 12:29

Tgt Ion: 97 Resp: 117465

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.6
61	46.4	37.3	55.9

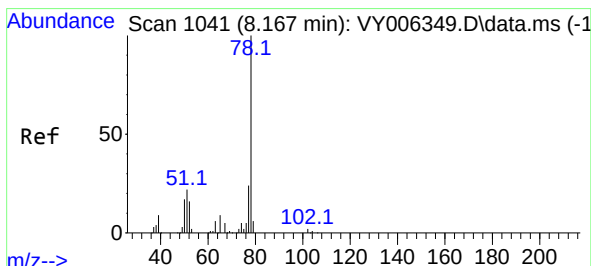
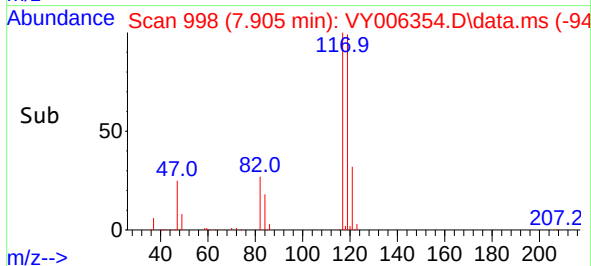
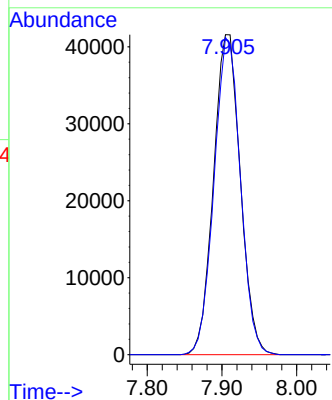
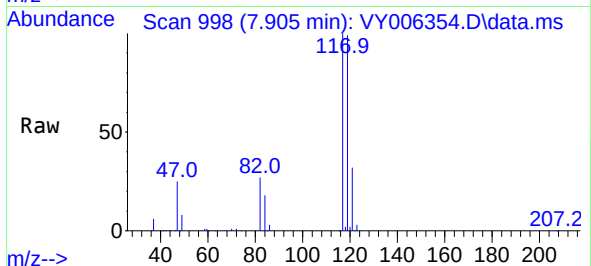




#31
Carbon tetrachloride
Concen: 24.015 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

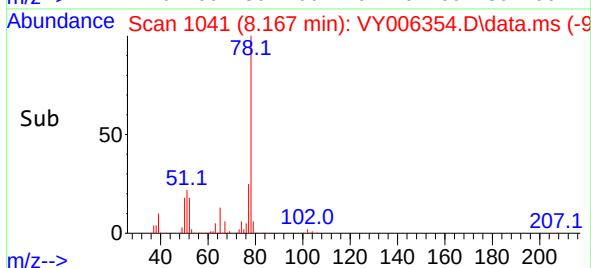
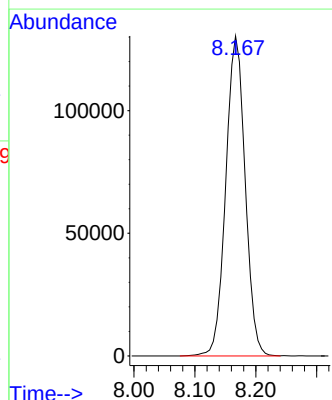
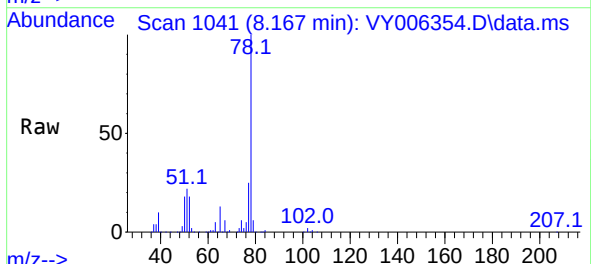
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

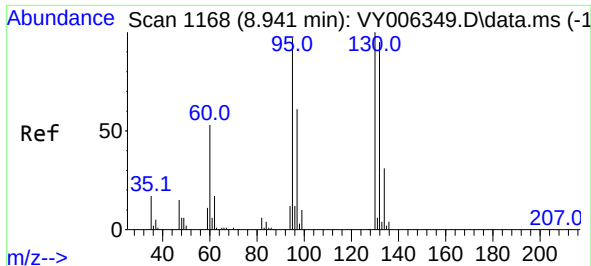
Tgt Ion:117 Resp: 103944
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.2



#33
Benzene
Concen: 25.064 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 78 Resp: 288288



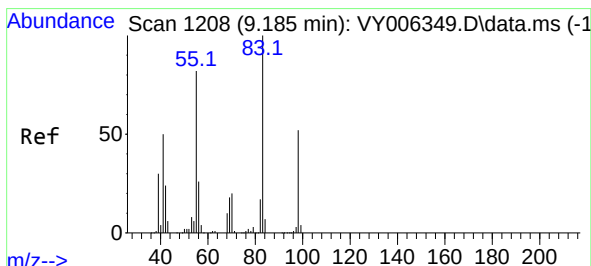
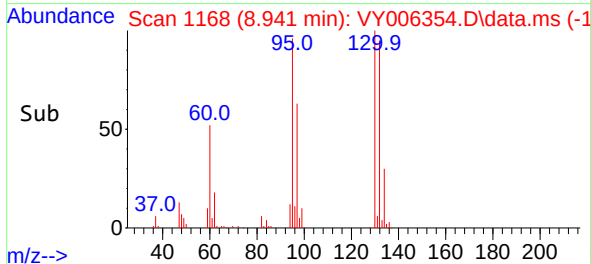
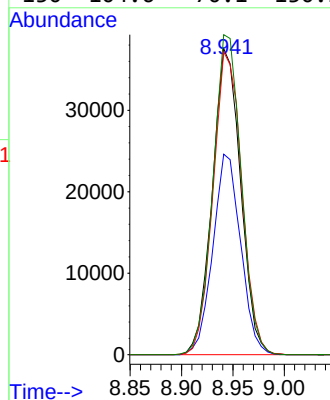
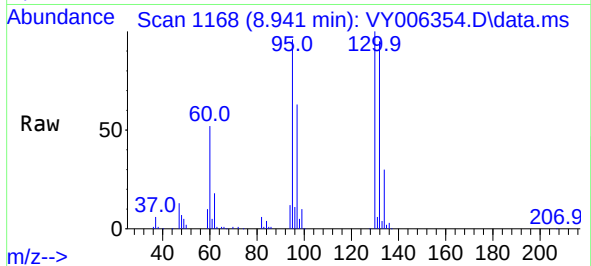


#34
Trichloroethene
Concen: 24.572 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

Tgt Ion: 95 Resp: 71802

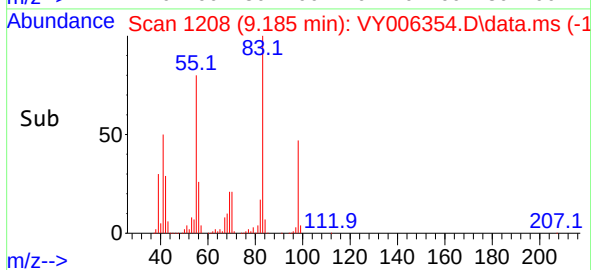
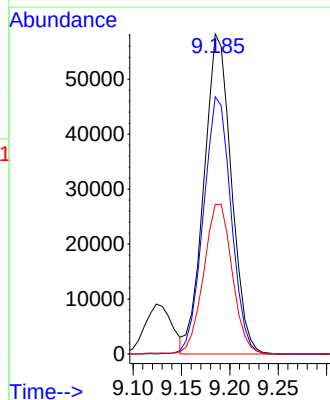
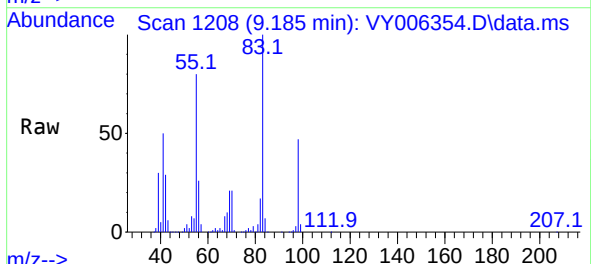
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.2	82.2
132	99.1	66.8	124.0
130	104.6	70.1	130.1

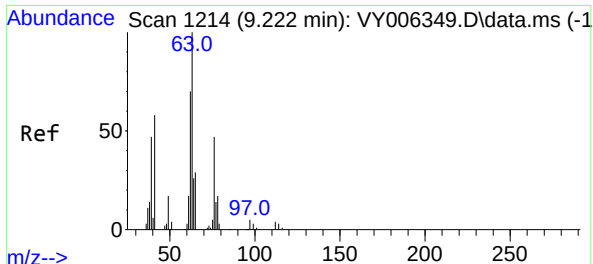


#35
Methylcyclohexane
Concen: 22.497 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 83 Resp: 114817

Ion	Ratio	Lower	Upper
83	100		
55	81.3	63.9	95.9
98	48.8	38.7	58.1

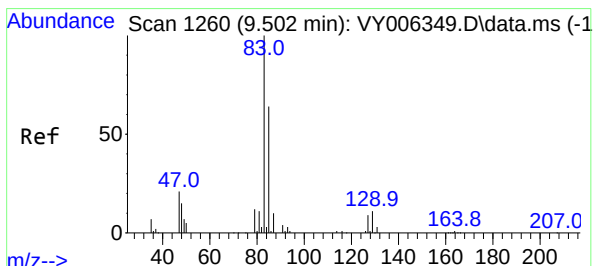
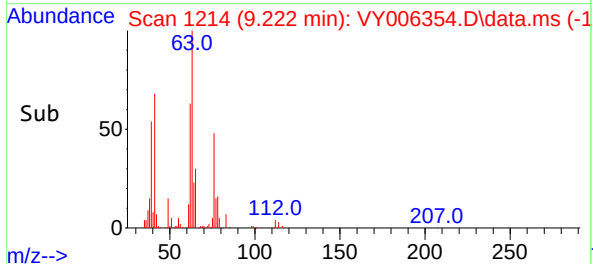
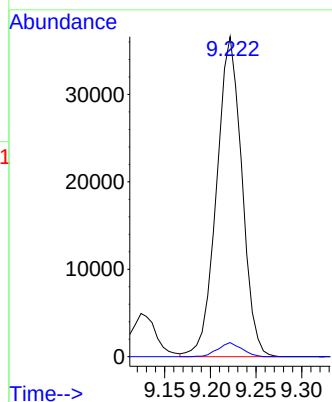
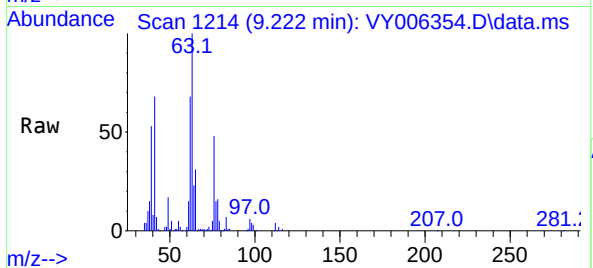




#37
1,2-Dichloropropane
Concen: 25.631 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

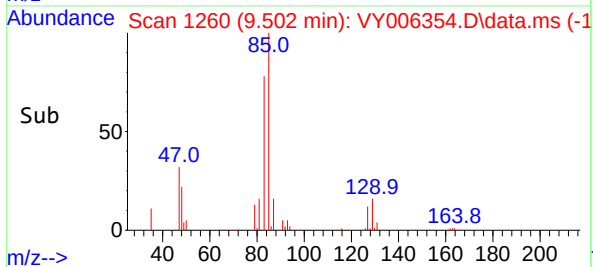
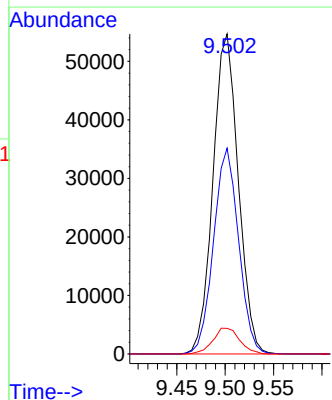
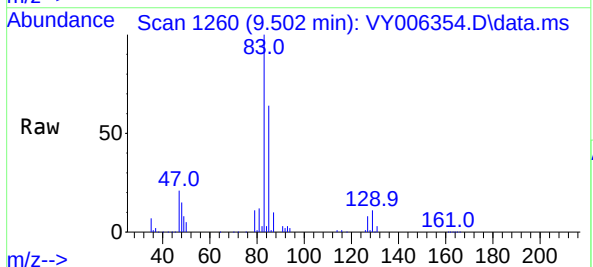
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

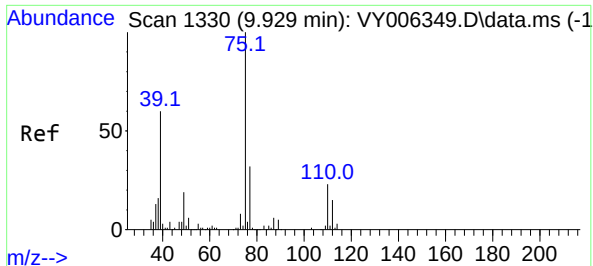
Tgt Ion: 63 Resp: 70546
Ion Ratio Lower Upper
63 100
112 4.2 3.1 4.7



#38
Bromodichloromethane
Concen: 26.339 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 83 Resp: 99486
Ion Ratio Lower Upper
83 100
85 64.3 44.1 81.9
127 8.0 6.9 10.3

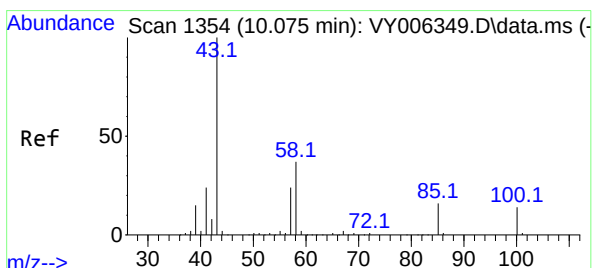
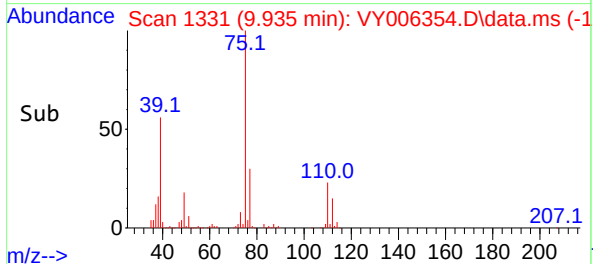
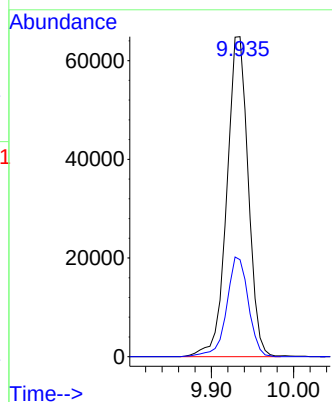
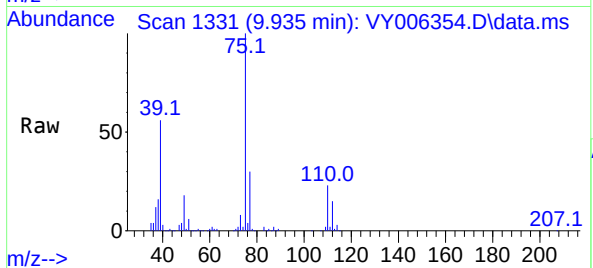




#39
cis-1,3-Dichloropropene
Concen: 26.852 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

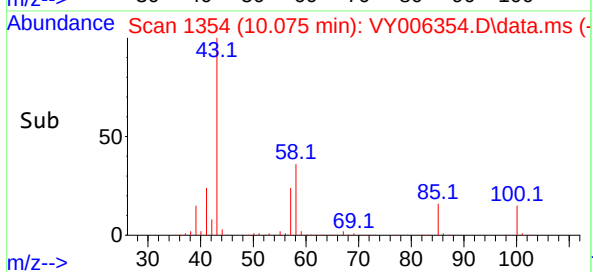
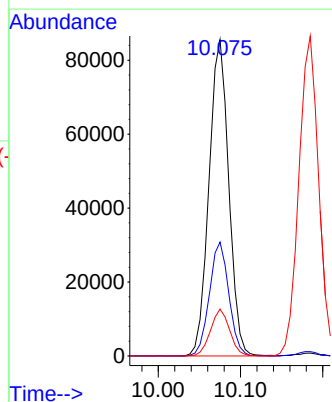
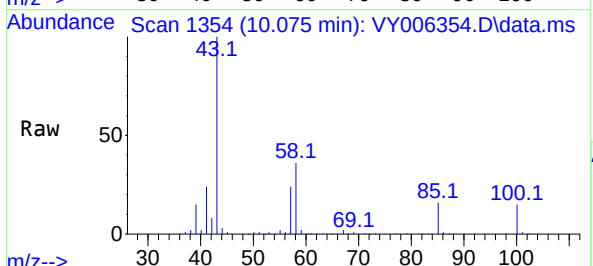
Instrument :
MSVOA_Y
ClientSampled :
VSTD025892

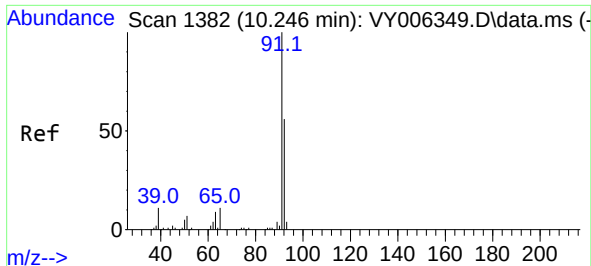
Tgt Ion: 75 Resp: 117461
Ion Ratio Lower Upper
75 100
77 30.3 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 64.732 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 43 Resp: 142905
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7
100 14.4 10.4 15.6

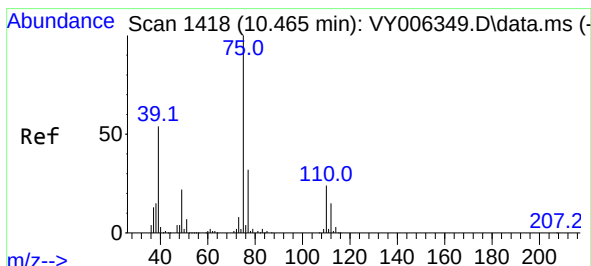
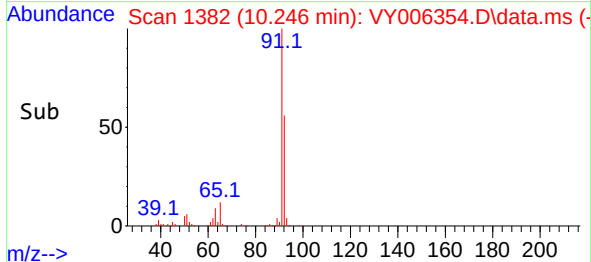
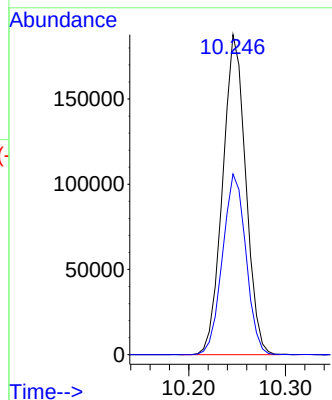
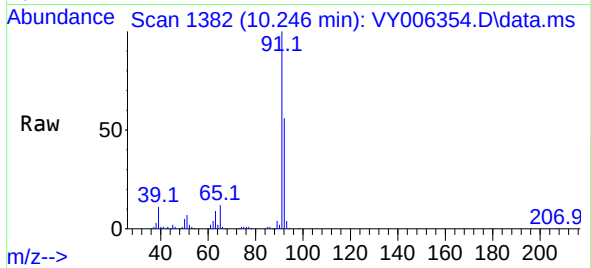




#42
Toluene
Concen: 25.010 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

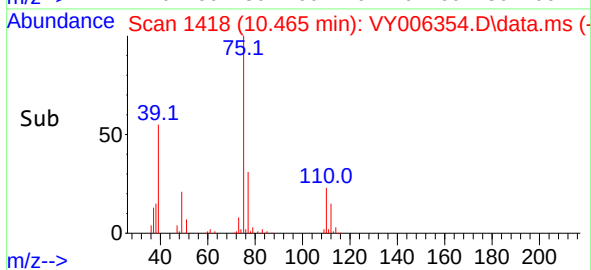
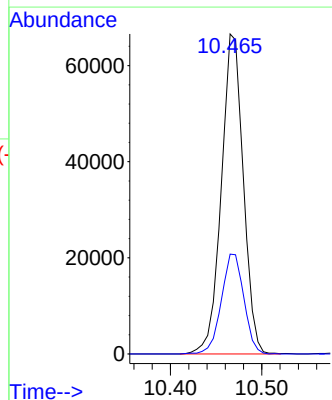
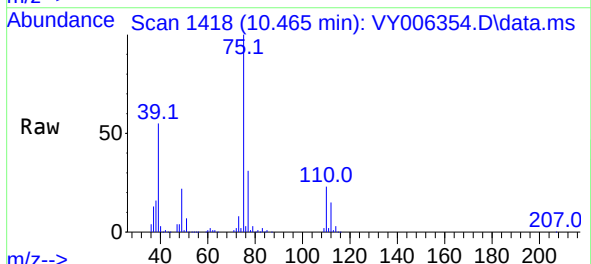
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

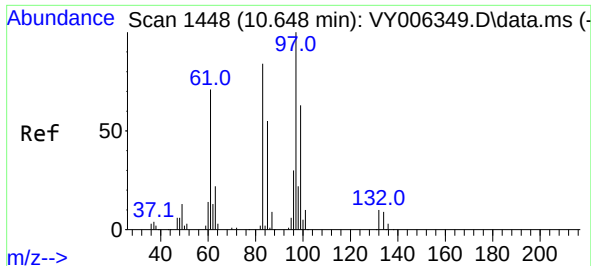
Tgt Ion: 91 Resp: 311049
Ion Ratio Lower Upper
91 100
92 56.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 26.938 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 75 Resp: 111251
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.4



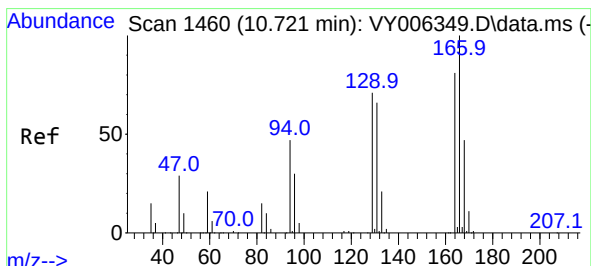
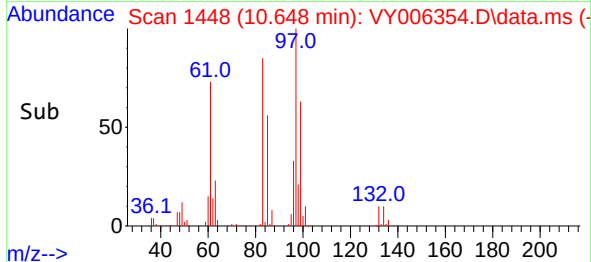
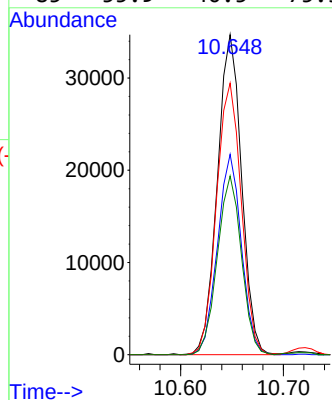
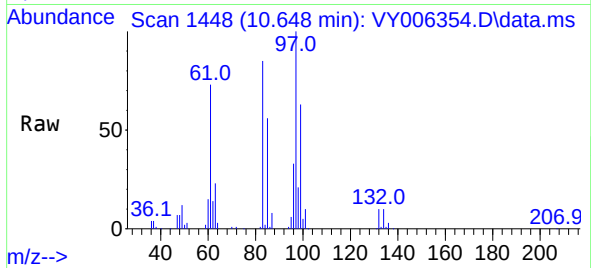


#45
1,1,2-Trichloroethane
Concen: 27.929 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

Tgt Ion: 97 Resp: 56779

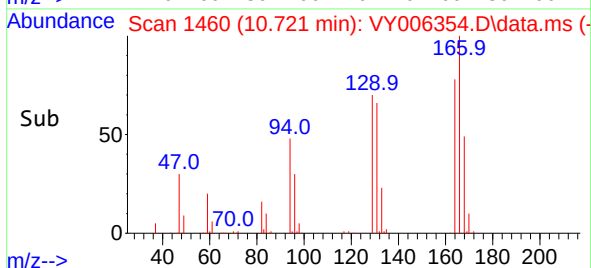
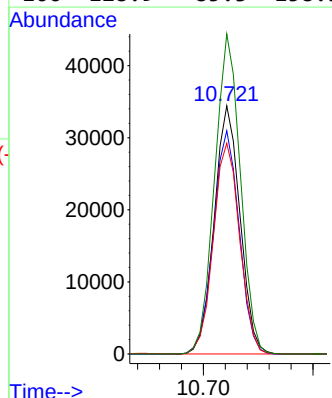
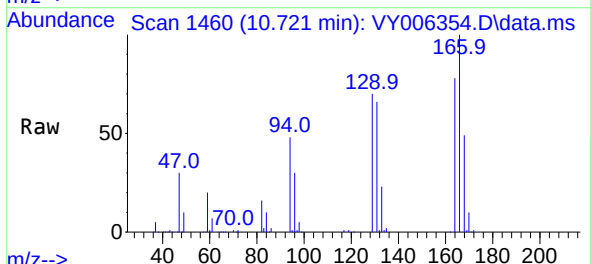
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.2	82.0
83	84.8	61.1	113.5
85	55.9	40.5	75.3

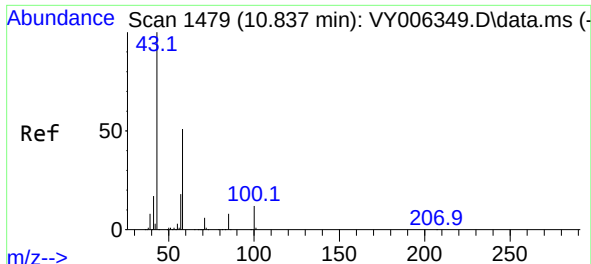


#46
Tetrachloroethene
Concen: 23.374 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 164 Resp: 56377

Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.9	122.3
131	84.9	61.9	115.1
166	128.9	85.3	158.3



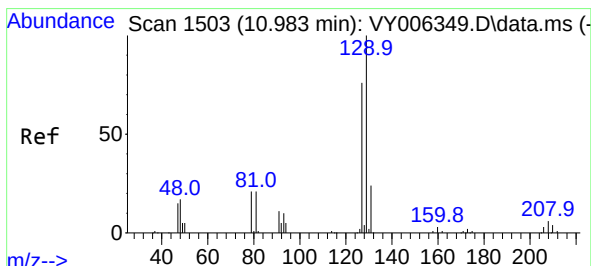
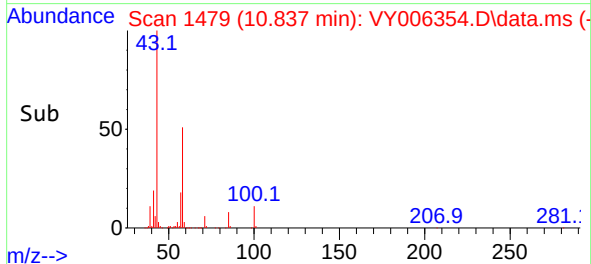
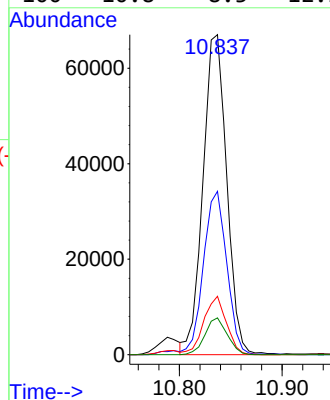
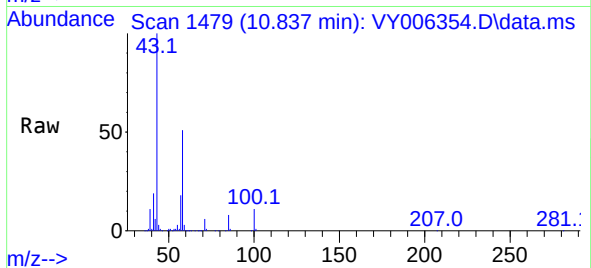


#48
2-Hexanone
Concen: 62.657 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

Tgt Ion: 43 Resp: 107932

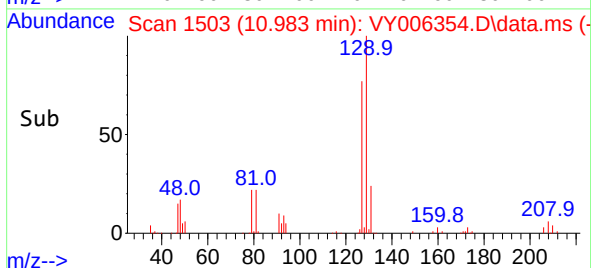
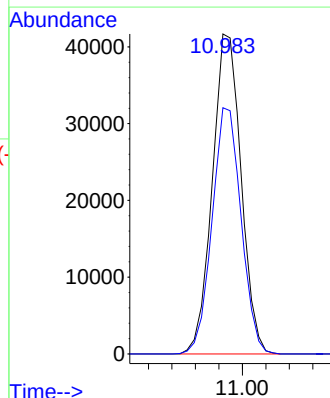
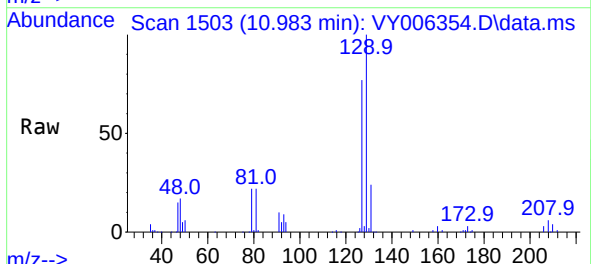
Ion	Ratio	Lower	Upper
43	100		
58	50.0	41.1	61.7
57	17.5	13.8	20.6
100	10.8	8.3	12.5

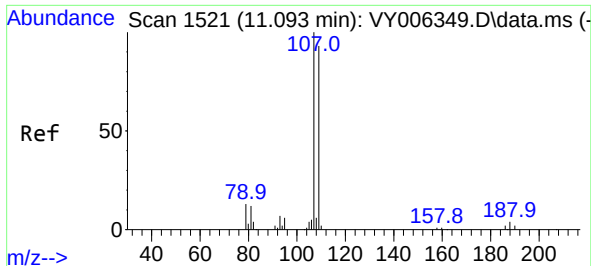


#49
Dibromochloromethane
Concen: 27.796 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 129 Resp: 70957

Ion	Ratio	Lower	Upper
129	100		
127	76.9	52.8	98.0

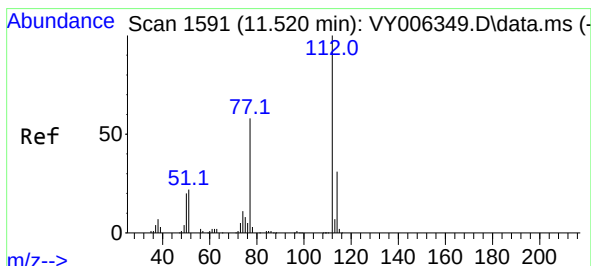
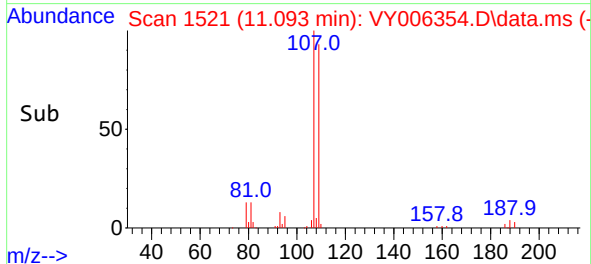
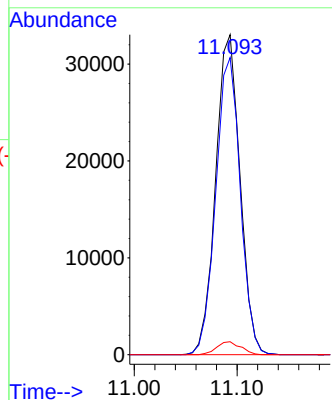
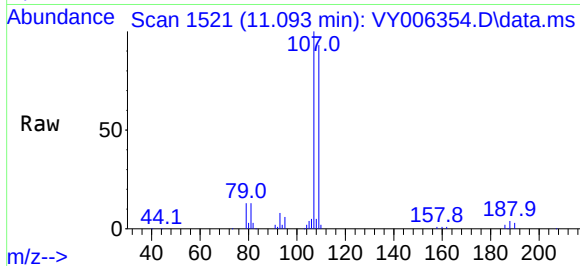




#50
1,2-Dibromoethane
Concen: 28.664 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

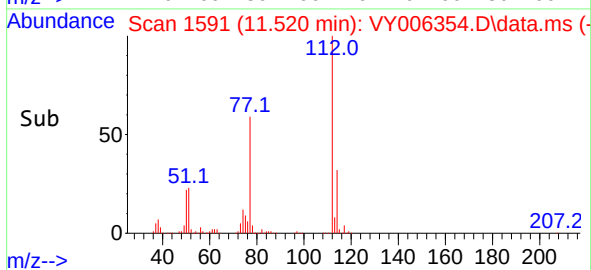
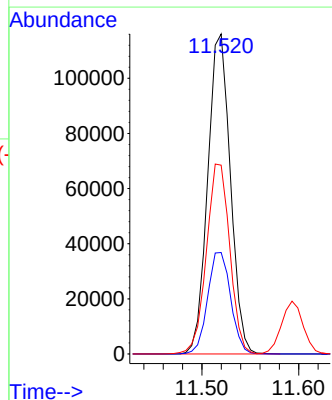
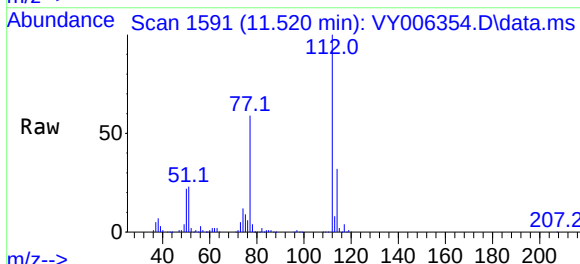
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

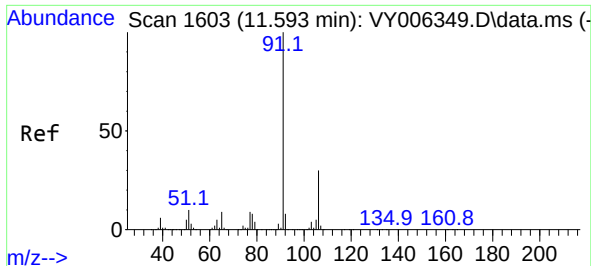
Tgt Ion:	107	Resp:	54345
Ion	Ratio	Lower	Upper
107	100		
109	92.9	65.7	121.9
188	4.1	2.8	4.2



#51
Chlorobenzene
Concen: 25.135 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:	112	Resp:	189328
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.3	41.5
77	59.0	46.5	69.7

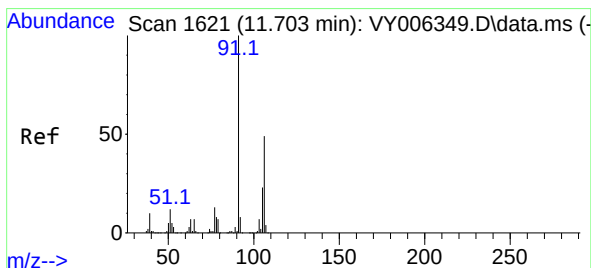
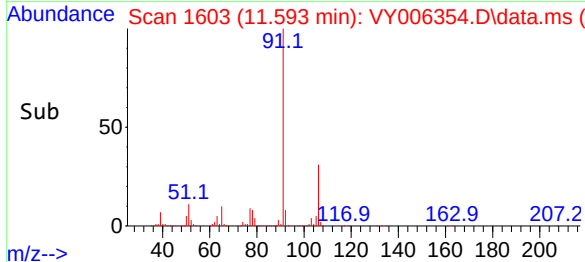
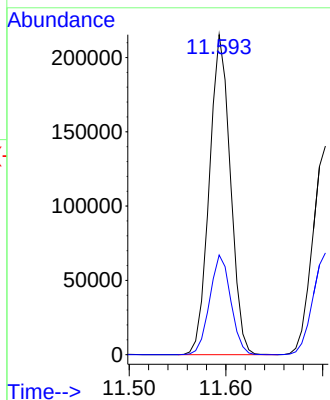
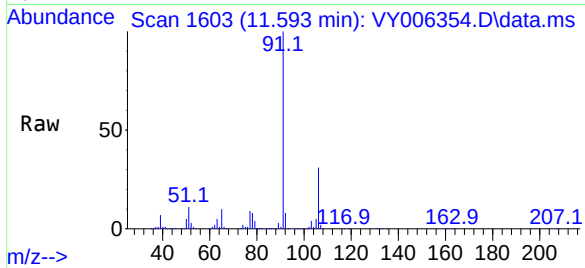




#52
Ethylbenzene
Concen: 24.558 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

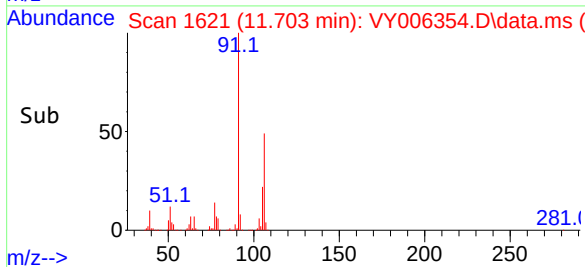
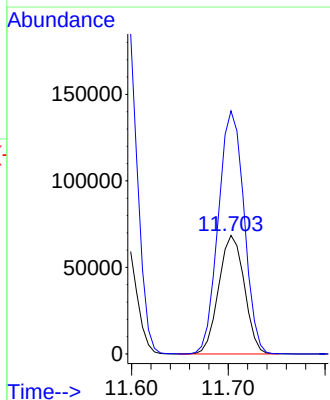
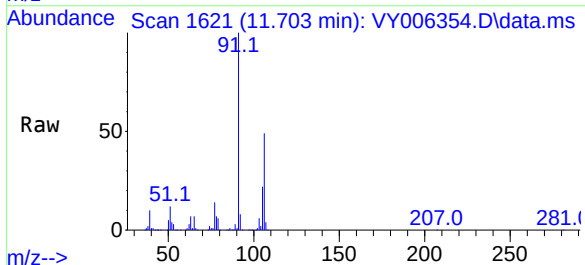
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

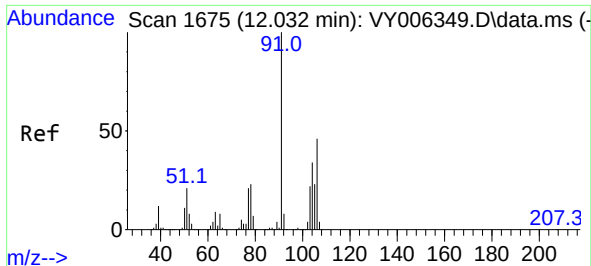
Tgt Ion: 91 Resp: 325751
Ion Ratio Lower Upper
91 100
106 31.2 21.2 39.4



#53
m,p-Xylene
Concen: 24.837 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:106 Resp: 126134
Ion Ratio Lower Upper
106 100
91 205.0 145.7 270.5

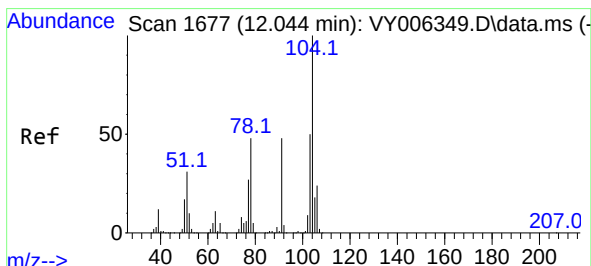
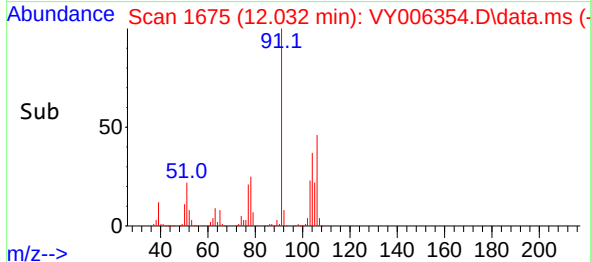
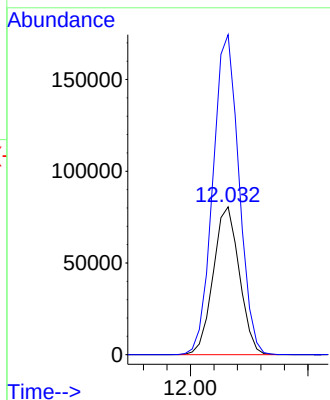
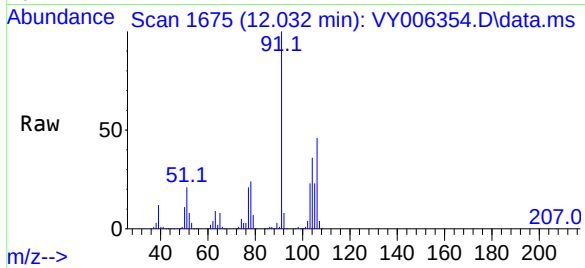




#54
o-Xylene
Concen: 25.565 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

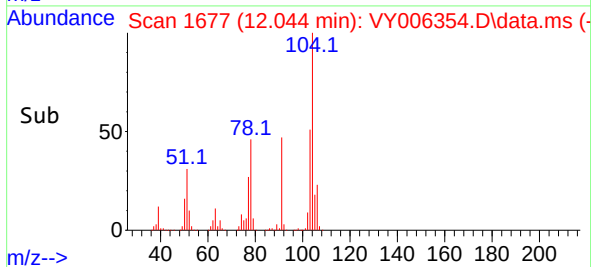
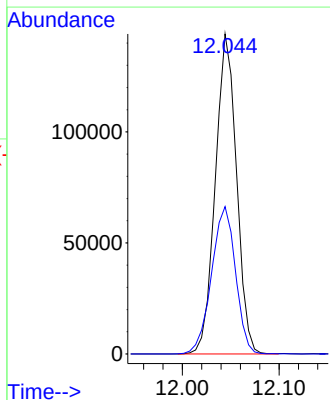
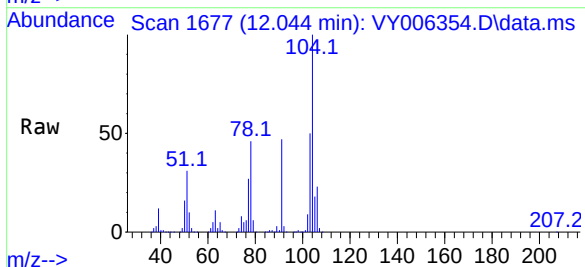
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

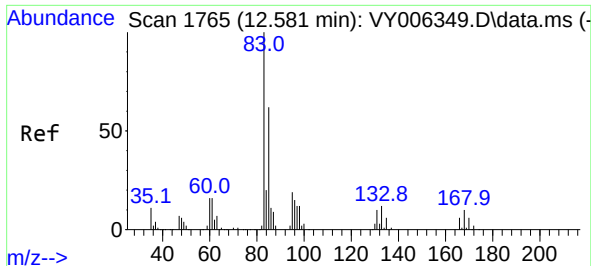
Tgt Ion:106 Resp: 124410
Ion Ratio Lower Upper
106 100
91 216.3 150.6 279.6



#55
Styrene
Concen: 25.852 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:104 Resp: 219324
Ion Ratio Lower Upper
104 100
78 46.0 31.8 59.0

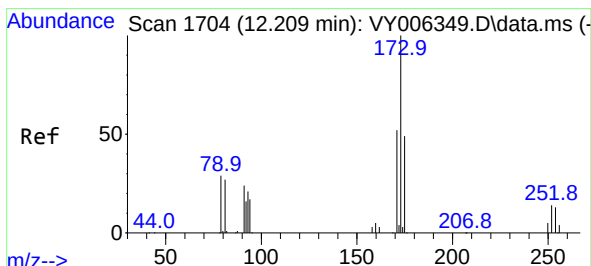
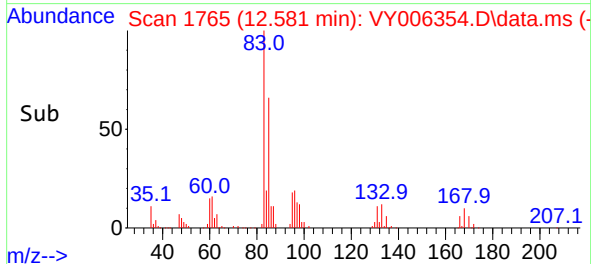
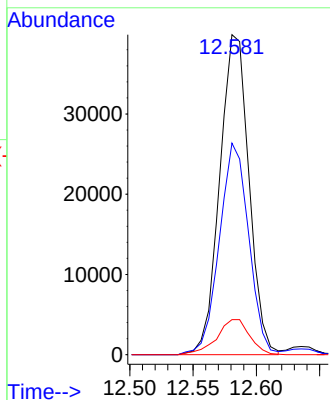
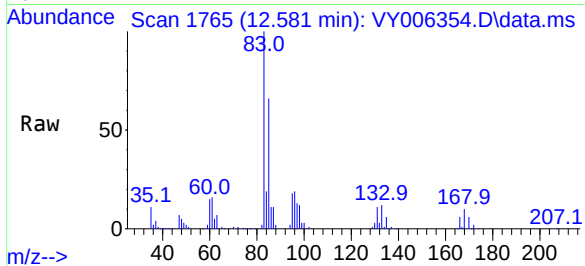




#57
1,1,2,2-Tetrachloroethane
Concen: 28.936 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

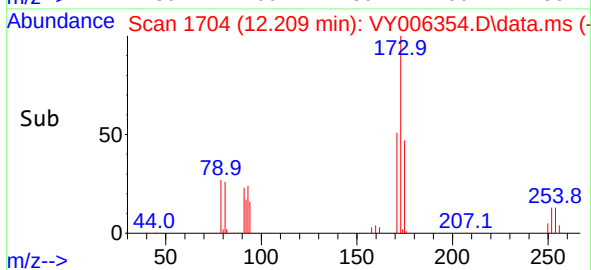
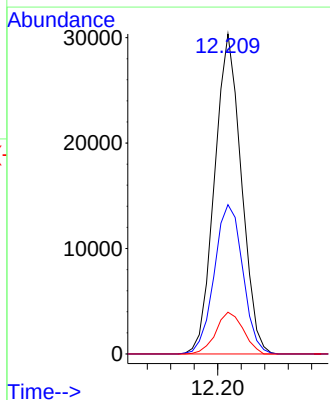
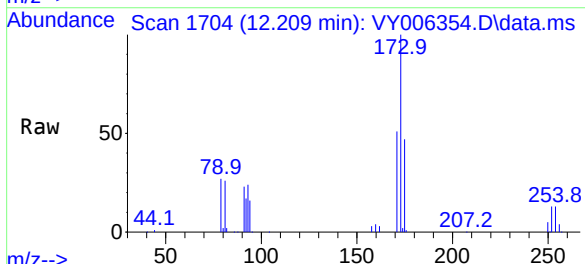
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

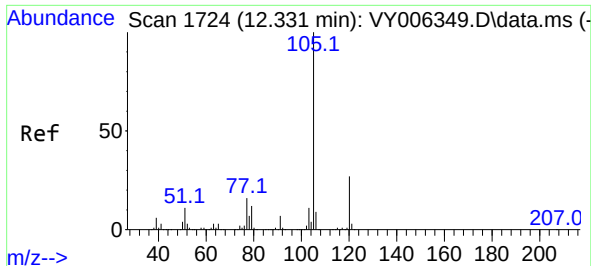
Tgt Ion:	83	Resp:	64146
Ion Ratio	Lower	Upper	
83	100		
85	66.1	45.0	83.6
131	11.0	6.9	10.3#



#59
Bromoform
Concen: 28.541 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:	173	Resp:	48002
Ion Ratio	Lower	Upper	
173	100		
175	49.7	38.8	58.2
254	13.4	7.3	10.9#

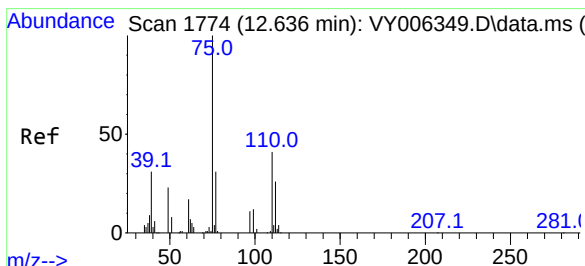
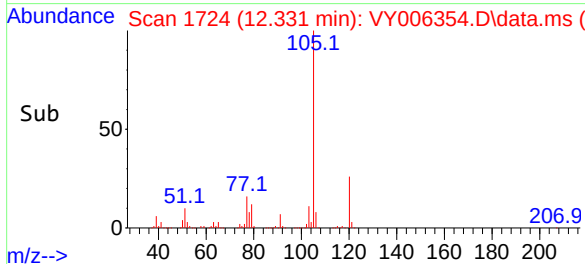
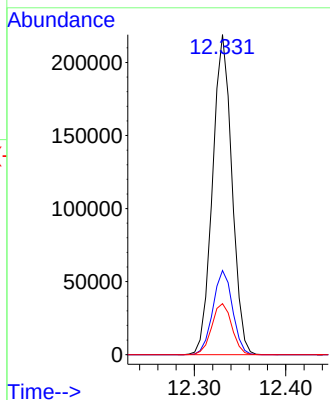
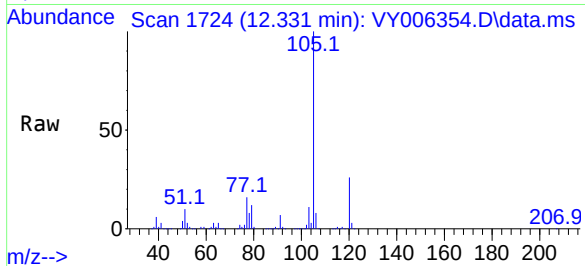




#60
Isopropylbenzene
Concen: 23.960 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

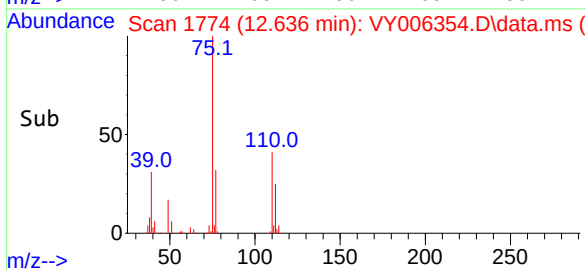
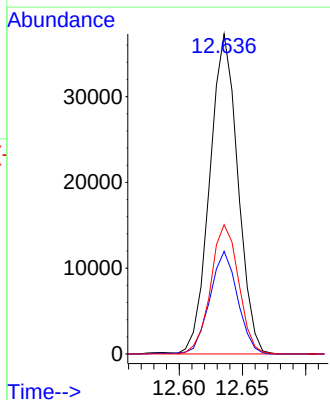
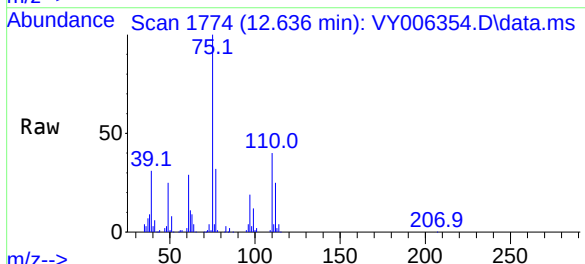
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

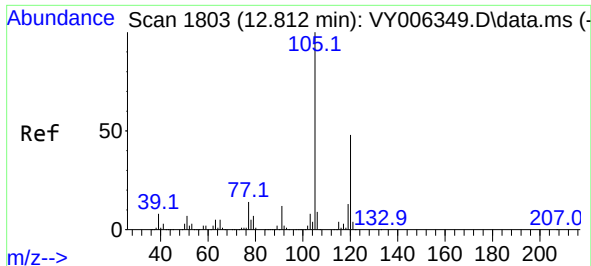
Tgt Ion:	105	Resp:	322352
Ion Ratio	Lower	Upper	
105	100		
120	26.7	21.0	31.6
77	16.5	12.7	19.1



#61
1,2,3-Trichloropropane
Concen: 29.518 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:	75	Resp:	57714
Ion Ratio	Lower	Upper	
75	100		
77	31.6	25.7	38.5
110	40.1	30.8	46.2

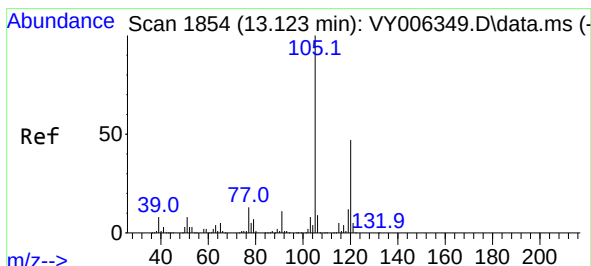
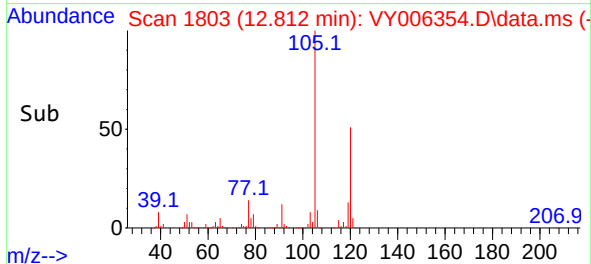
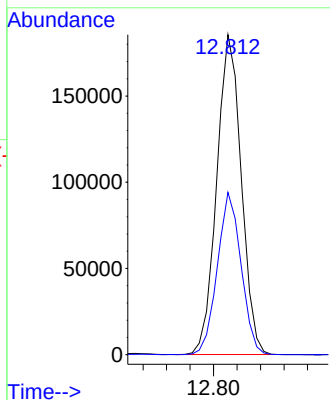
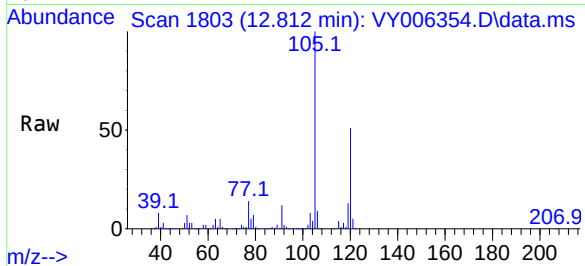




#62
1,3,5-Trimethylbenzene
Concen: 24.539 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

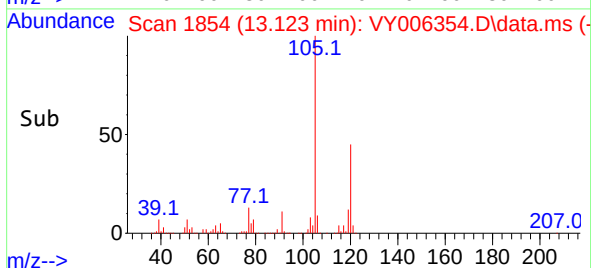
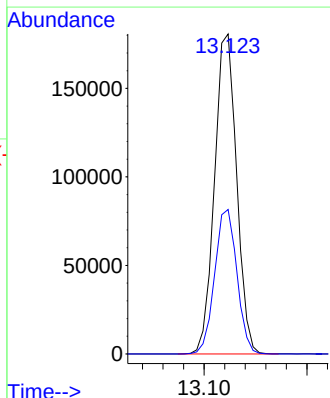
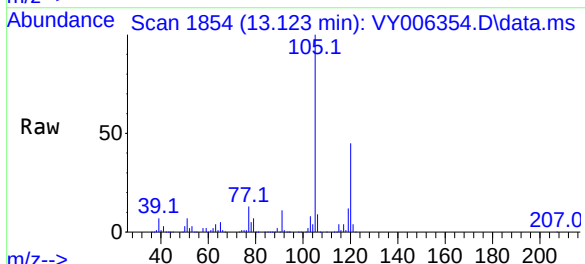
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

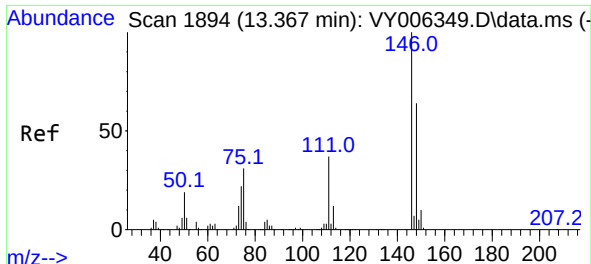
Tgt Ion:105 Resp: 268870
Ion Ratio Lower Upper
105 100
120 49.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 24.894 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:105 Resp: 269186
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.4

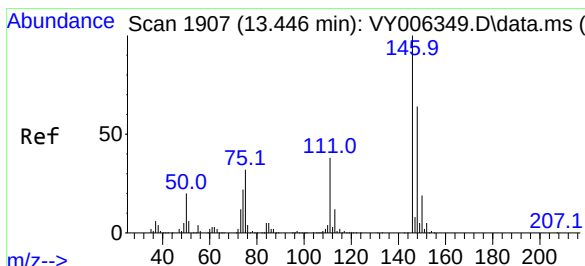
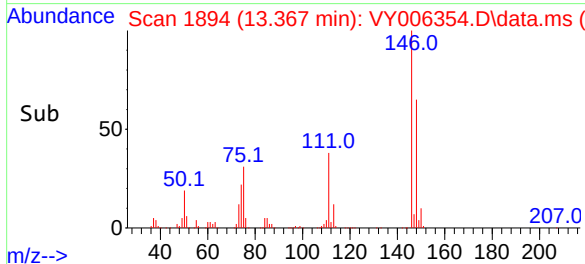
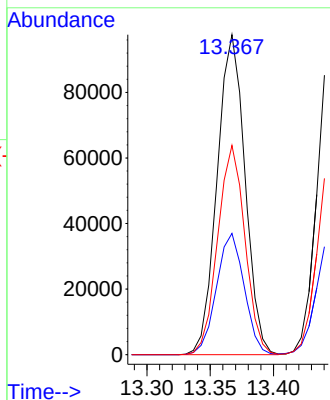
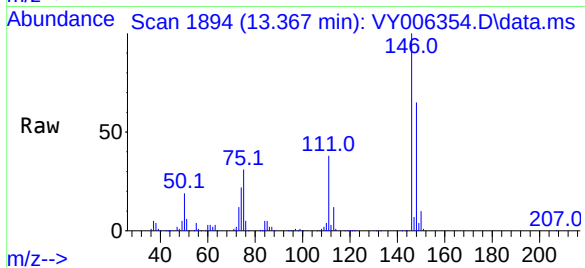




#64
1,3-Dichlorobenzene
Concen: 24.821 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

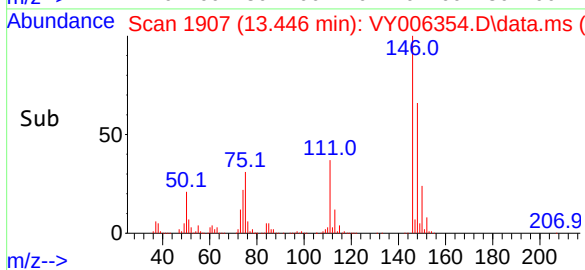
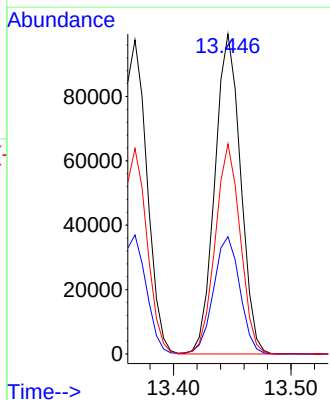
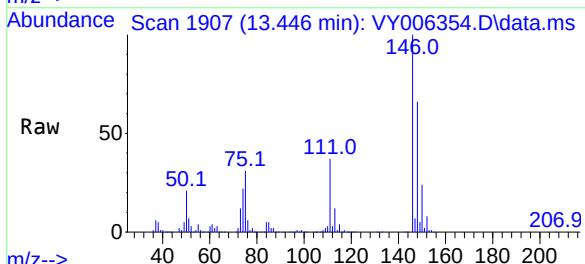
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

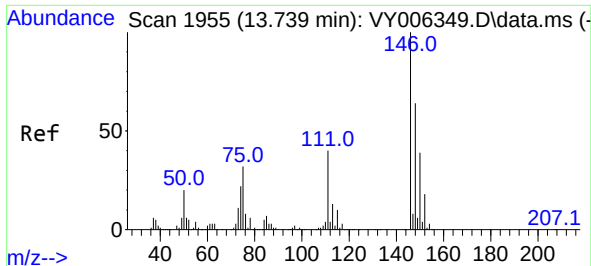
Tgt Ion:146 Resp: 149671
Ion Ratio Lower Upper
146 100
111 37.9 27.4 51.0
148 65.4 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 24.991 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:146 Resp: 151528
Ion Ratio Lower Upper
146 100
111 36.7 26.4 49.0
148 65.6 44.3 82.3

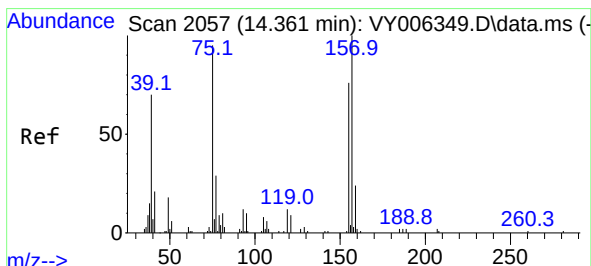
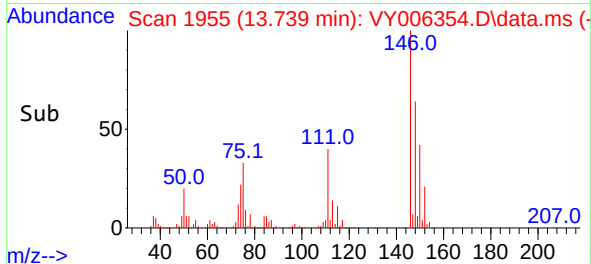
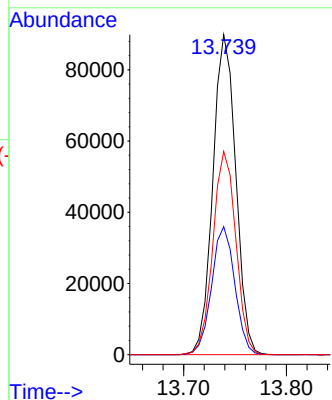
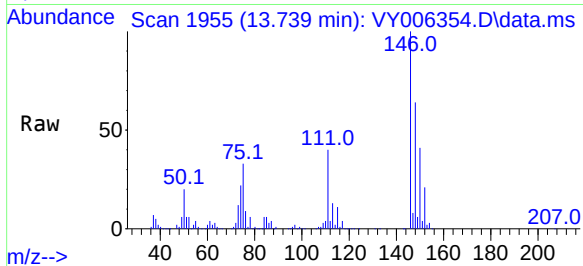




#67
1,2-Dichlorobenzene
Concen: 25.389 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

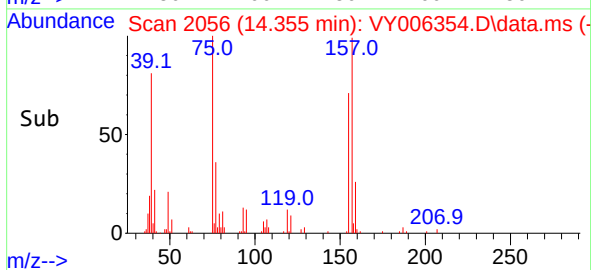
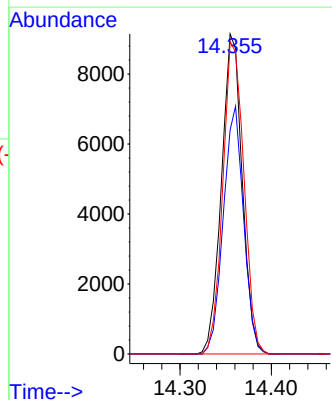
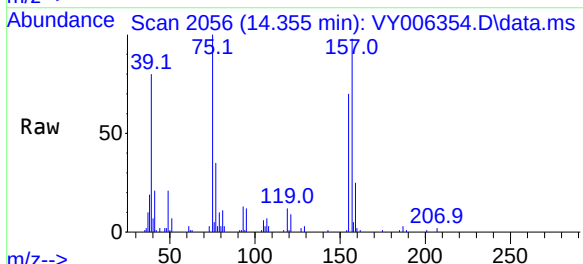
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

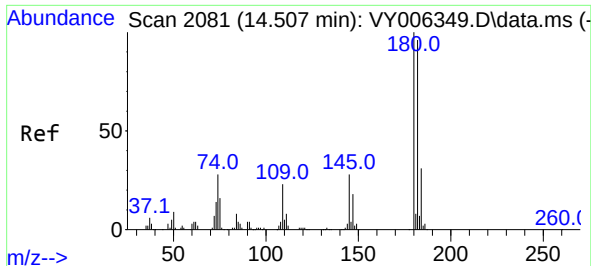
Tgt Ion:146 Resp: 139130
Ion Ratio Lower Upper
146 100
111 40.0 33.9 50.9
148 63.5 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 30.607 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion: 75 Resp: 14419
Ion Ratio Lower Upper
75 100
155 70.0 64.5 96.7
157 97.6 77.4 116.2

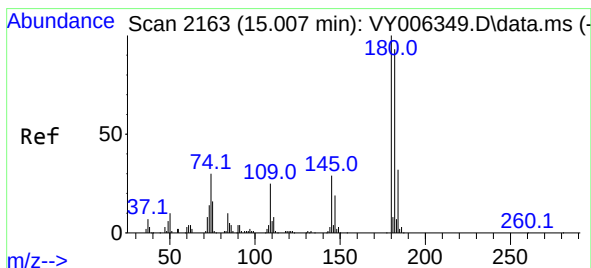
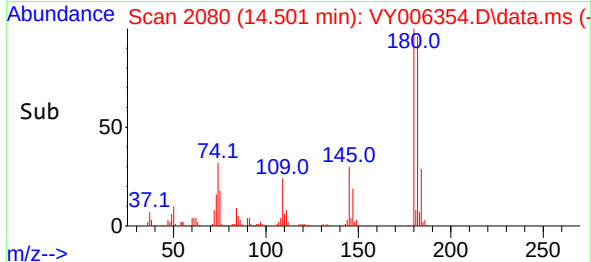
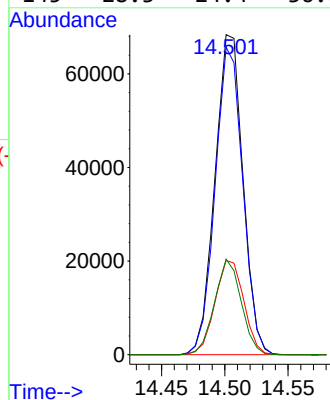
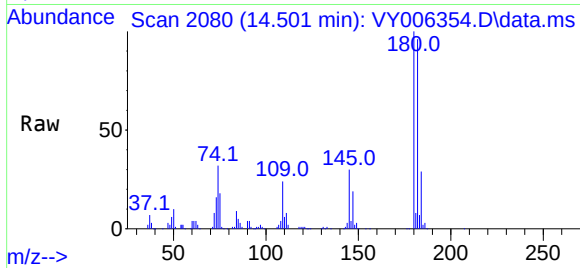




#69
1,3,5-Trichlorobenzene
Concen: 24.712 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

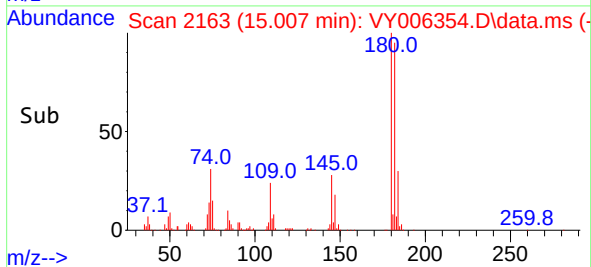
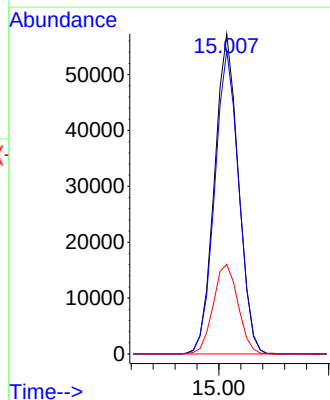
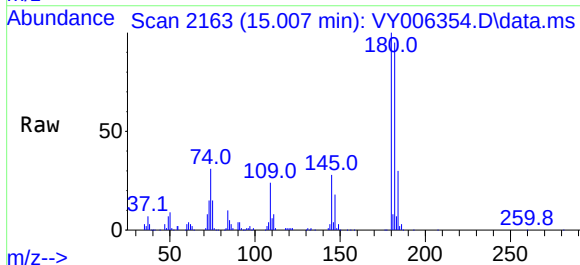
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

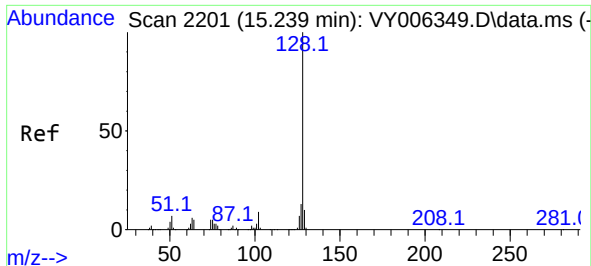
Tgt Ion:	180	Resp:	105383
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.1	114.1
184	30.3	24.6	36.8
145	28.3	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 25.175 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:	180	Resp:	86799
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.4	114.6
145	29.1	25.0	37.6



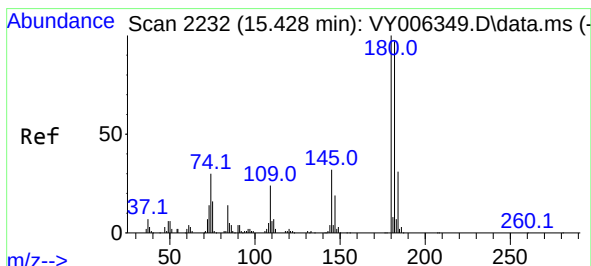
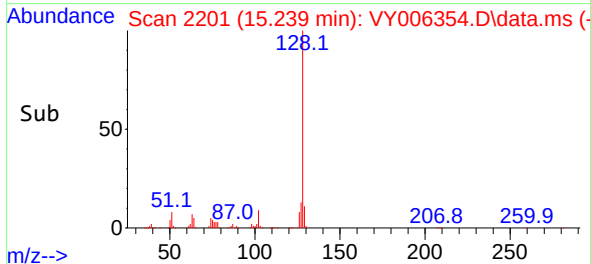
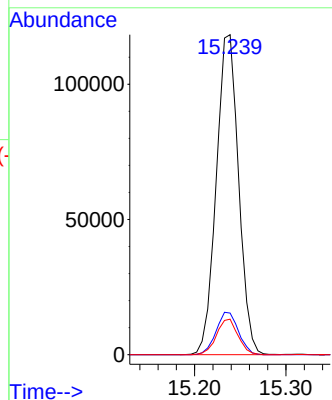
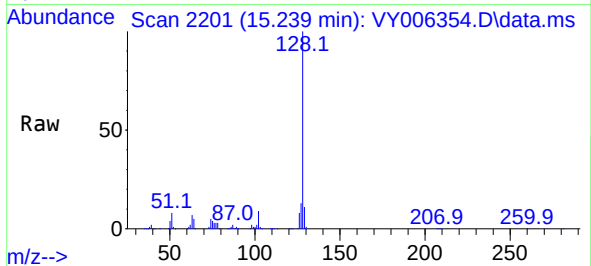


#71
Naphthalene
Concen: 29.834 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025892

Tgt Ion:128 Resp: 200926

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.7	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.095 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006354.D
Acq: 08 Oct 2021 12:29

Tgt Ion:180 Resp: 81165

Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.2	114.2
145	30.4	25.8	38.8

