

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100721\
 Data File : VY006326.D
 Acq On : 07 Oct 2021 13:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025890

Quant Time: Oct 08 00:54:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 08 00:53:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	211397	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	201389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	107380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	72656	19.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.080%
7) Chloroethane-d5	2.766	69	57072	20.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.920%
11) 1,1-Dichloroethene-d2	3.863	63	126900	21.123	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.480%
21) 2-Butanone-d5	6.893	46	52359	53.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.900%
24) Chloroform-d	7.484	84	119508	22.442	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.760%
26) 1,2-Dichloroethane-d4	8.149	65	80252	22.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.118	84	241817	21.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.280%
36) 1,2-Dichloropropane-d6	9.124	67	71024	21.840	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.360%
41) Toluene-d8	10.179	98	227781	21.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.320%
43) trans-1,3-Dichloroprop...	10.441	79	38762	22.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.640%
47) 2-Hexanone-d5	10.788	63	38971	54.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.360%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	63922	25.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.721	152	83778	22.617	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	106902	27.049	ug/L	99
3) Chloromethane	2.119	50	106466	27.535	ug/L	97
5) Vinyl chloride	2.260	62	109780	24.270	ug/L	100
6) Bromomethane	2.662	94	57168	27.864	ug/L	97
8) Chloroethane	2.802	64	63405	24.770	ug/L	98
9) Trichlorofluoromethane	3.137	101	140127	25.072	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	69470	24.611	ug/L	92
12) 1,1-Dichloroethene	3.881	96	68031	24.971	ug/L	95
13) Acetone	3.954	43	69480	62.080	ug/L	98
14) Carbon disulfide	4.204	76	234274	23.760	ug/L	100
15) Methyl Acetate	4.479	43	49831	28.514	ug/L	99
16) Methylene chloride	4.722	84	80770	21.668	ug/L	98
17) trans-1,2-Dichloroethene	5.229	96	73989	25.853	ug/L	98
18) Methyl tert-butyl Ether	5.229	73	208197	27.811	ug/L	97
19) 1,1-Dichloroethane	6.027	63	132625	25.567	ug/L	99
20) cis-1,2-Dichloroethene	6.990	96	80383	26.796	ug/L	98
22) 2-Butanone	6.990	43	79510	63.824	ug/L	97
23) Bromochloromethane	7.344	128	37562	27.540	ug/L	85
25) Chloroform	7.515	83	148360	26.116	ug/L	99

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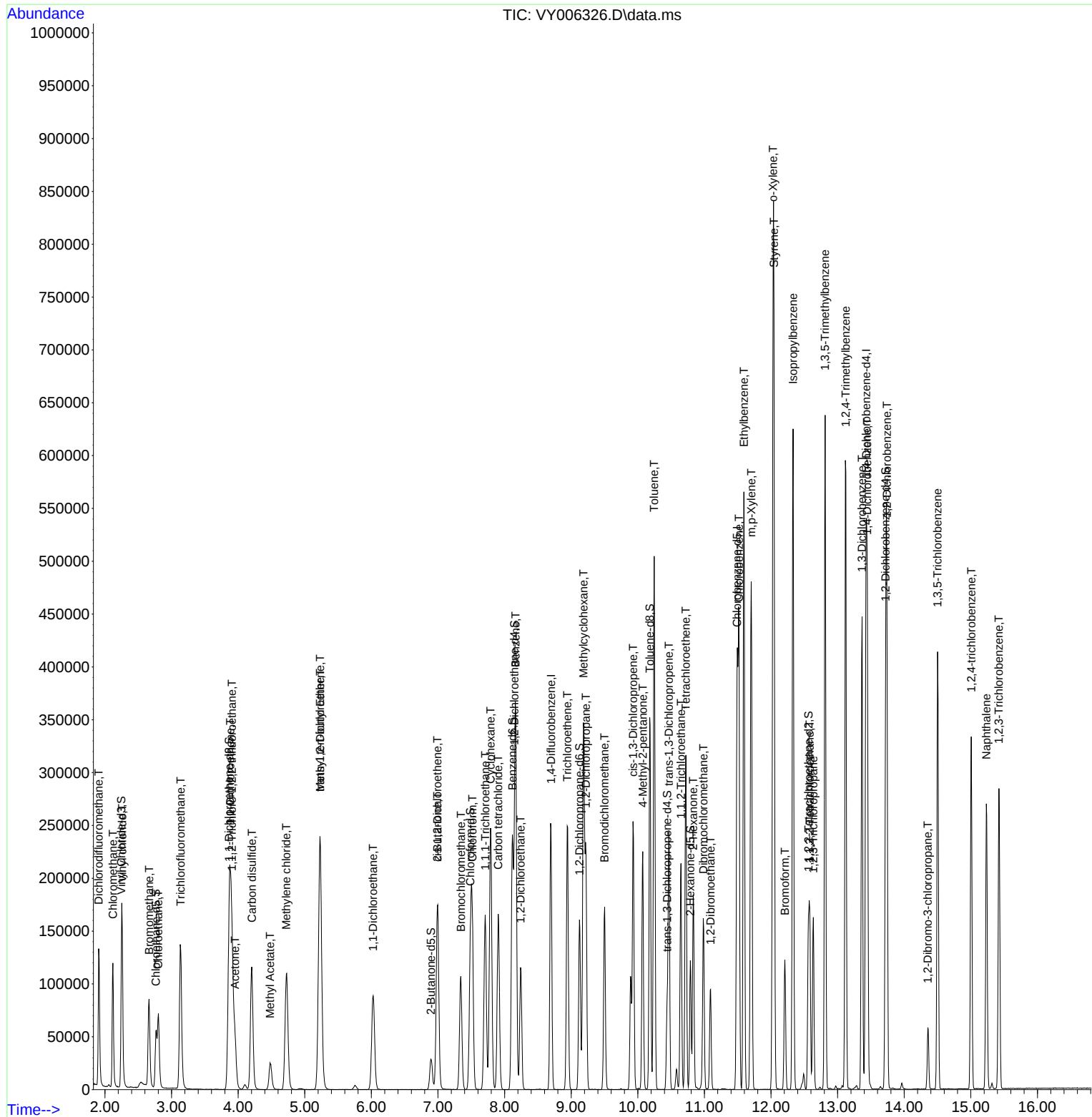
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	108262	26.807	ug/L	97
29) Cyclohexane	7.789	56	130798	25.244	ug/L	96
30) 1,1,1-Trichloroethane	7.710	97	133789	26.165	ug/L	98
31) Carbon tetrachloride	7.905	117	120512	26.043	ug/L	99
33) Benzene	8.167	78	314839	25.602	ug/L	100
34) Trichloroethene	8.941	95	81585	26.115	ug/L	96
35) Methylcyclohexane	9.185	83	138876	25.452	ug/L	99
37) 1,2-Dichloropropane	9.222	63	76379	25.956	ug/L	98
38) Bromodichloromethane	9.502	83	106545	26.384	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	126512	27.051	ug/L	99
40) 4-Methyl-2-pentanone	10.075	43	144218	61.103	ug/L	97
42) Toluene	10.246	91	348964	26.244	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	120631	27.320	ug/L	100
45) 1,1,2-Trichloroethane	10.648	97	61628	28.354	ug/L	96
46) Tetrachloroethene	10.721	164	68168	26.435	ug/L	94
48) 2-Hexanone	10.831	43	116077	63.029	ug/L	99
49) Dibromochloromethane	10.984	129	76762	28.126	ug/L	95
50) 1,2-Dibromoethane	11.093	107	58713	28.965	ug/L #	99
51) Chlorobenzene	11.520	112	212851	26.431	ug/L	99
52) Ethylbenzene	11.593	91	373460	26.335	ug/L	98
53) m,p-Xylene	11.703	106	145204	26.743	ug/L	96
54) o-Xylene	12.032	106	140834	27.069	ug/L	96
55) Styrene	12.044	104	247370	27.273	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.581	83	67814	28.613	ug/L #	99
59) Bromoform	12.209	173	52757	29.114	ug/L #	98
60) Isopropylbenzene	12.331	105	370667	25.571	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	60221	28.586	ug/L	99
62) 1,3,5-Trimethylbenzene	12.813	105	312267	26.451	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	309894	26.599	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	172750	26.589	ug/L	97
65) 1,4-Dichlorobenzene	13.447	146	172538	26.411	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	157390	26.658	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	14103	27.785	ug/L	98
69) 1,3,5-Trichlorobenzene	14.501	180	124271	27.047	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	102517	27.597	ug/L	98
71) Naphthalene	15.233	128	219933	30.309	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	93747	29.047	ug/L	98

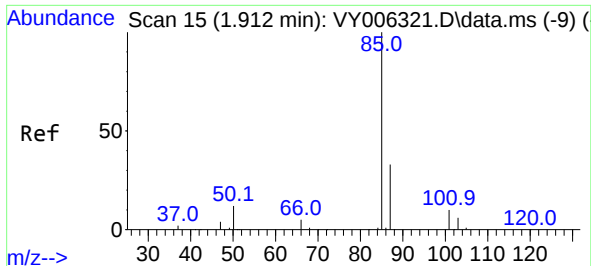
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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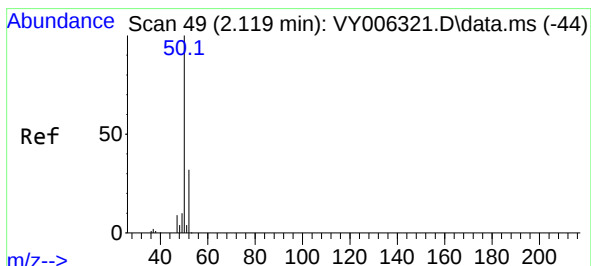
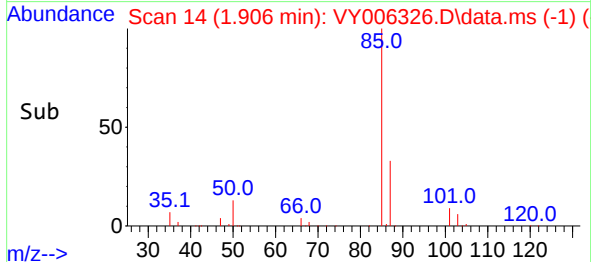
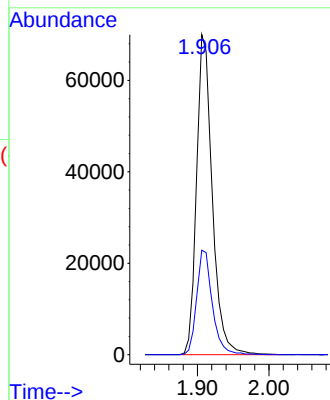
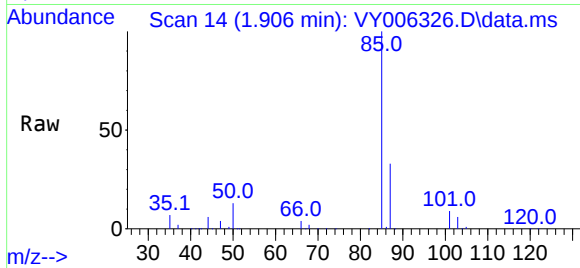




#2
Dichlorodifluoromethane
Concen: 27.049 ug/L
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

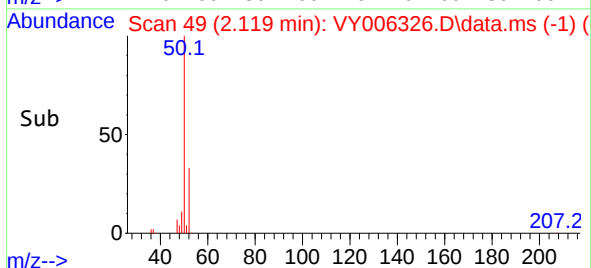
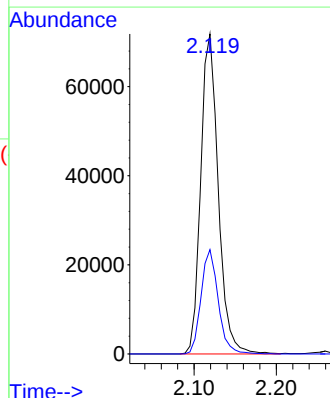
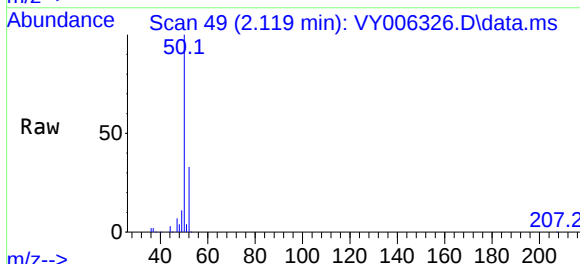
Instrument :
MSVOA_Y
ClientSampleId :
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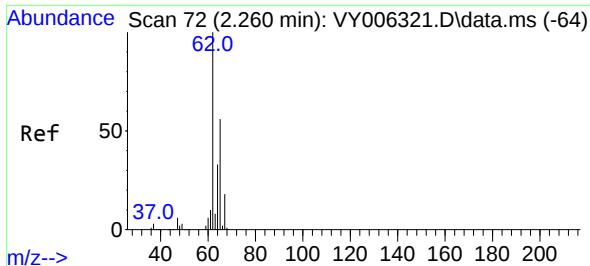
Tgt Ion: 85 Resp: 106902
Ion Ratio Lower Upper
85 100
87 32.4 26.2 39.2



#3
Chloromethane
Concen: 27.535 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 50 Resp: 106466
Ion Ratio Lower Upper
50 100
52 32.6 21.8 40.4

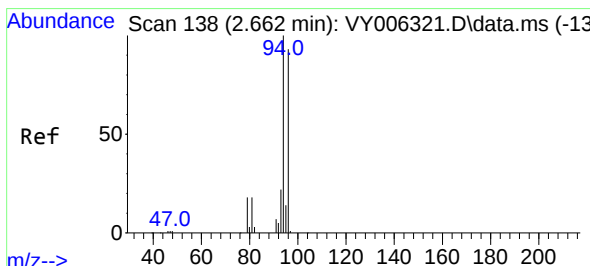
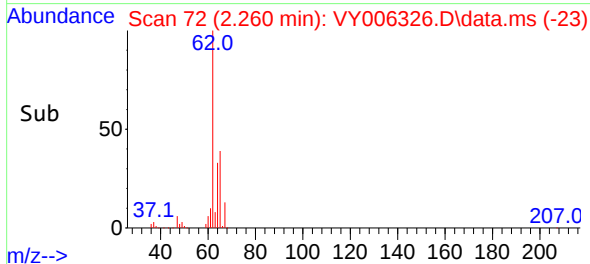
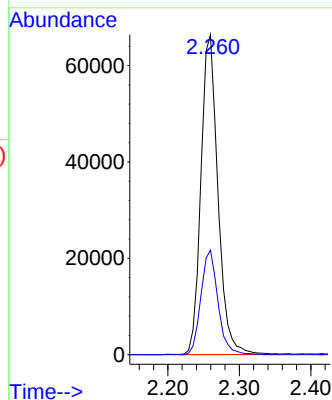
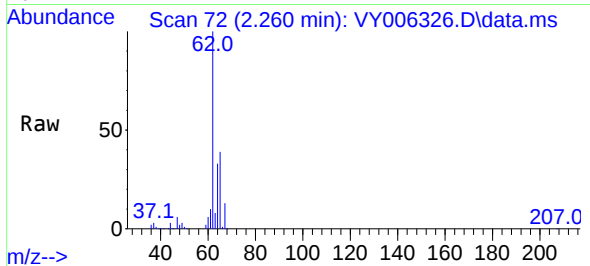




#5
 Vinyl chloride
 Concen: 24.270 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY006326.D
 Acq: 07 Oct 2021 13:00

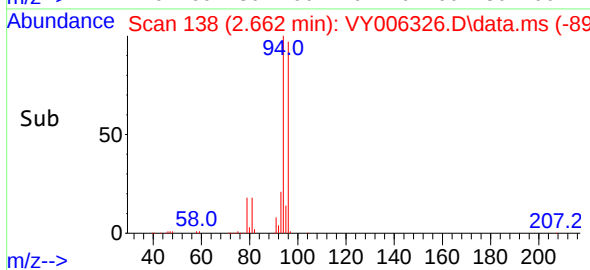
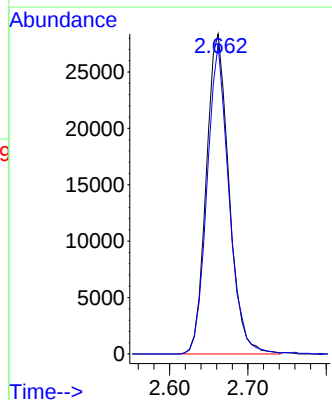
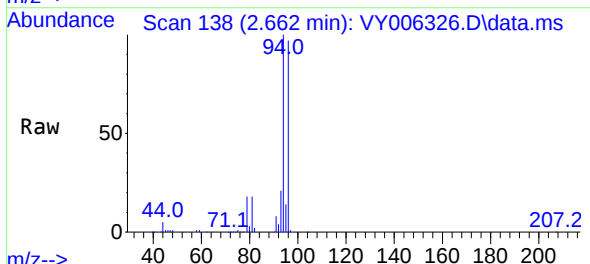
Instrument :
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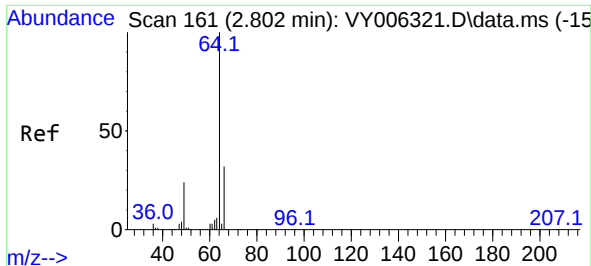
Tgt Ion: 62 Resp: 109780
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.8 42.4



#6
 Bromomethane
 Concen: 27.864 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006326.D
 Acq: 07 Oct 2021 13:00

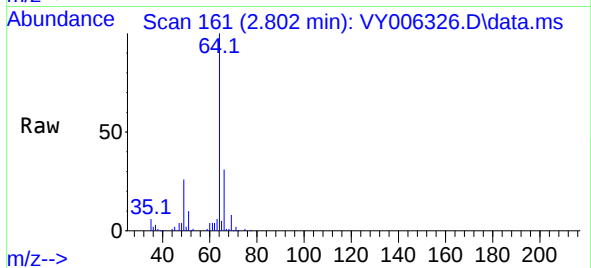
Tgt Ion: 94 Resp: 57168
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.9 122.5



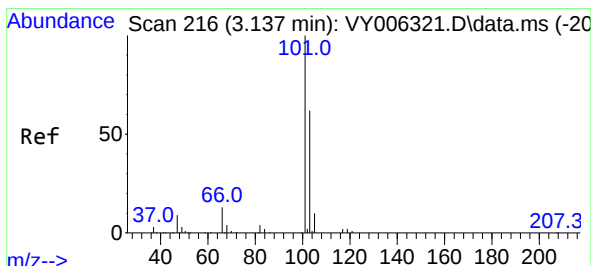
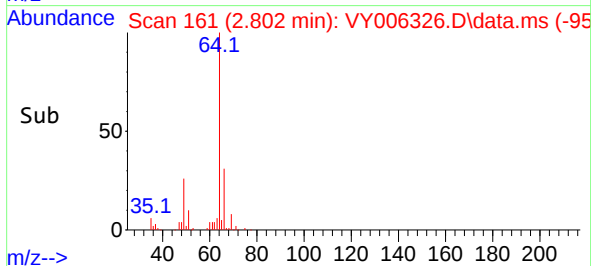
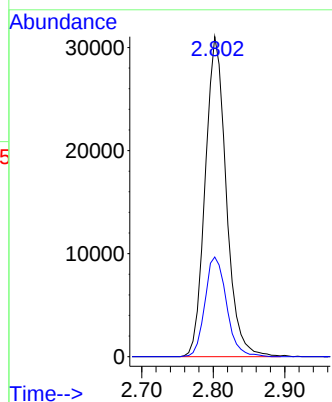


#8
Chloroethane
Concen: 24.770 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Instrument :
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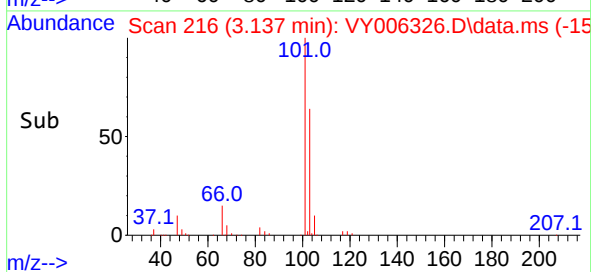
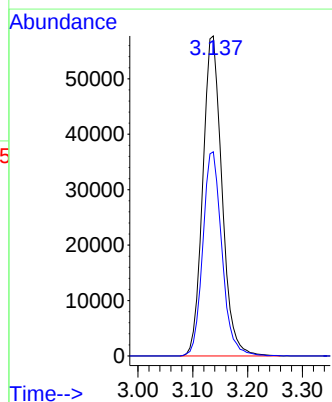
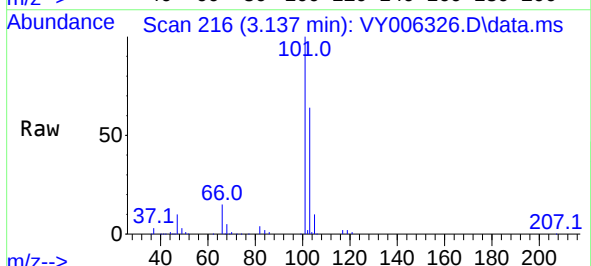


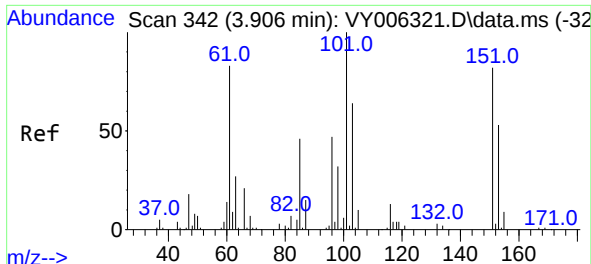
Tgt Ion: 64 Resp: 63405
Ion Ratio Lower Upper
64 100
66 31.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 25.072 ug/L
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:101 Resp: 140127
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

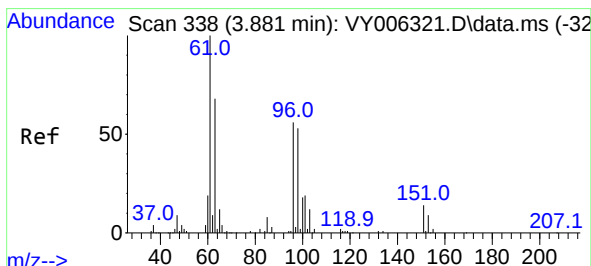
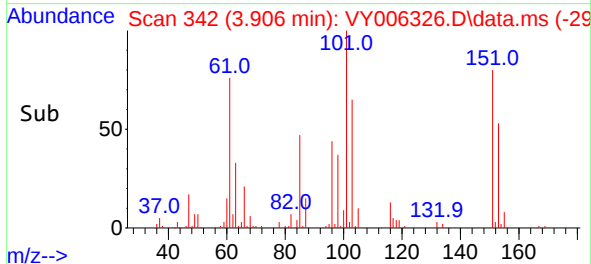
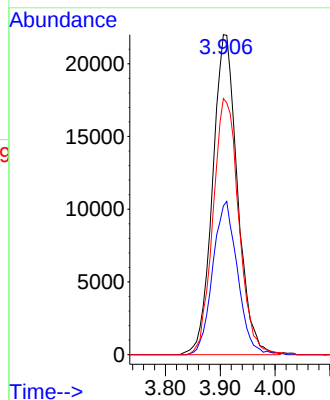
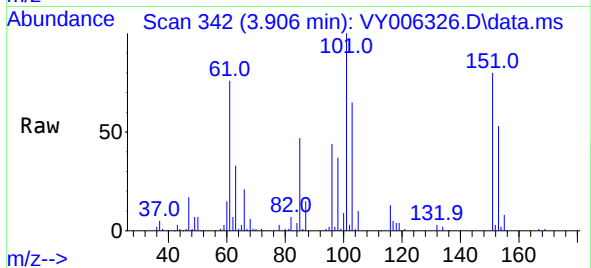




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.611 ug/L
RT: 3.906 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

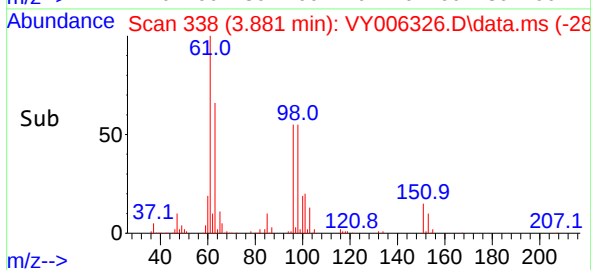
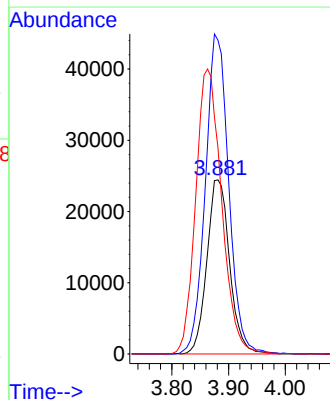
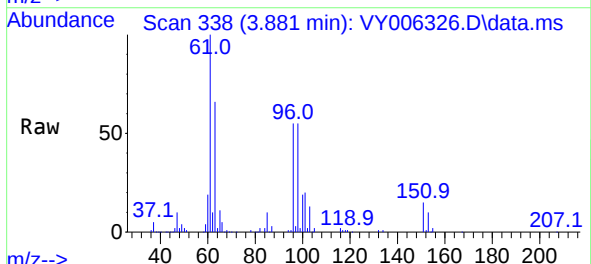
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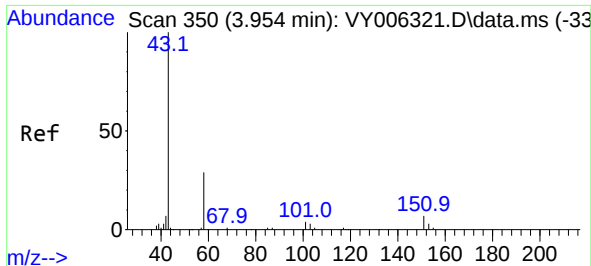
Tgt Ion:101 Resp: 69470
Ion Ratio Lower Upper
101 100
85 47.3 36.6 54.8
151 82.9 59.0 88.4



#12
1,1-Dichloroethene
Concen: 24.971 ug/L
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 96 Resp: 68031
Ion Ratio Lower Upper
96 100
61 180.2 121.2 225.2
63 118.6 86.9 161.3

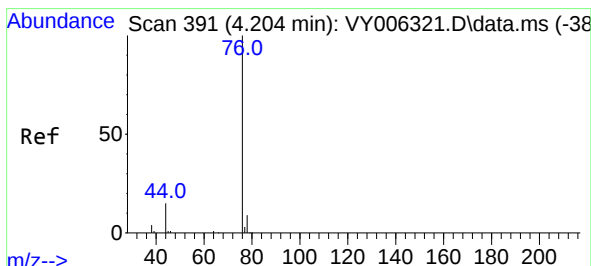
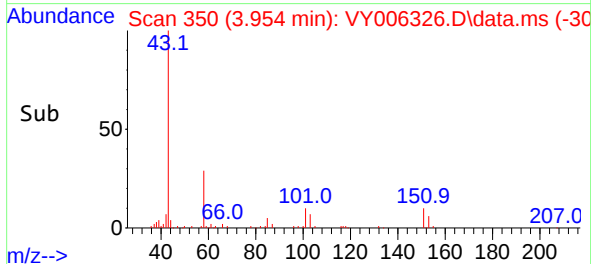
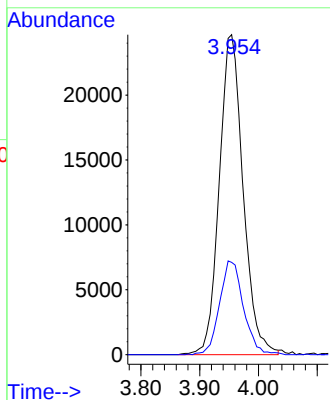
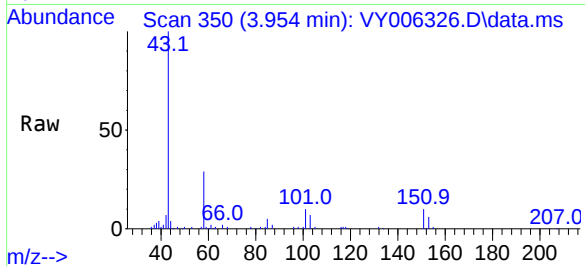




#13
Acetone
Concen: 62.080 ug/L
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

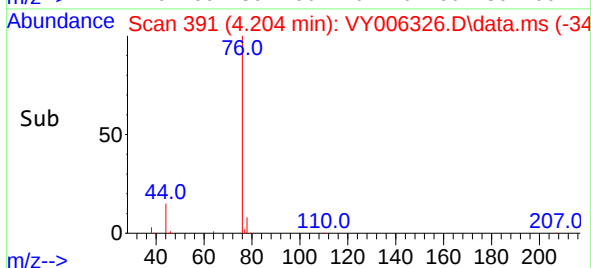
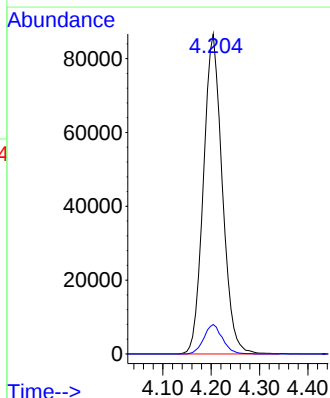
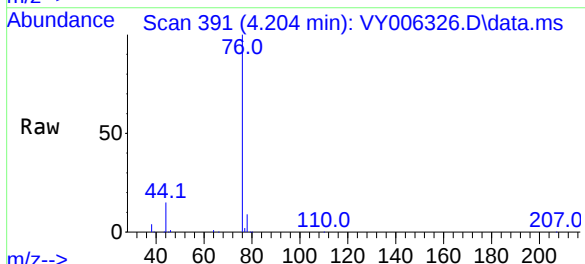
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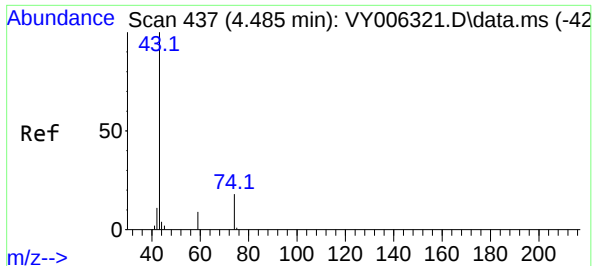
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Ion Ratio Lower Upper
43 100
58 29.2 0.0 61.0



#14
Carbon disulfide
Concen: 23.760 ug/L
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 76 Resp: 234274
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

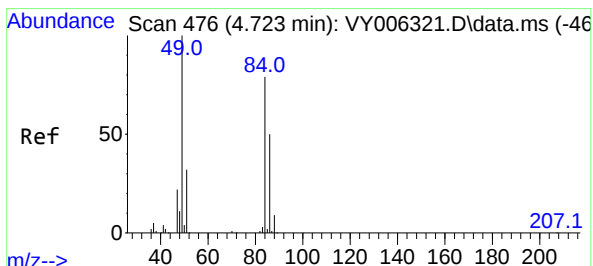
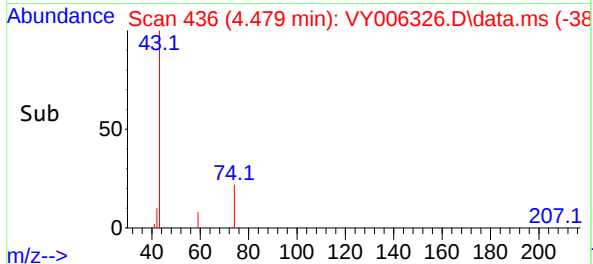
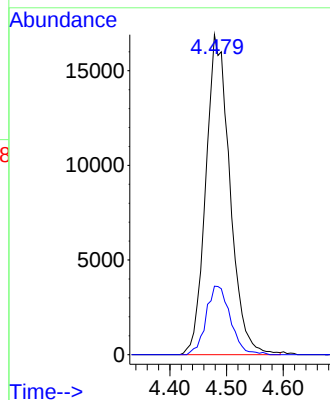
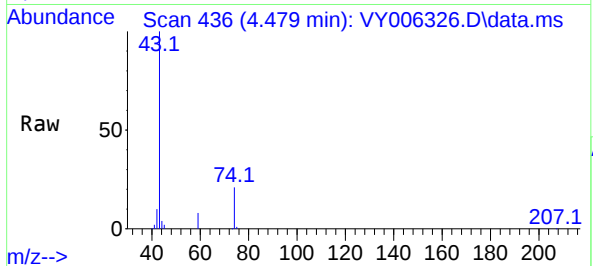




#15
Methyl Acetate
Concen: 28.514 ug/L
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

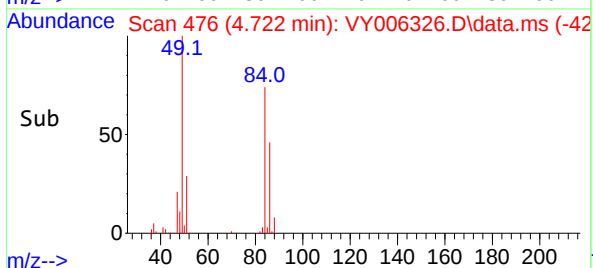
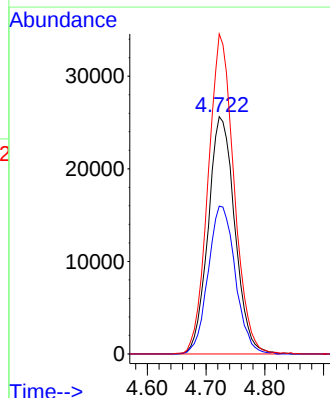
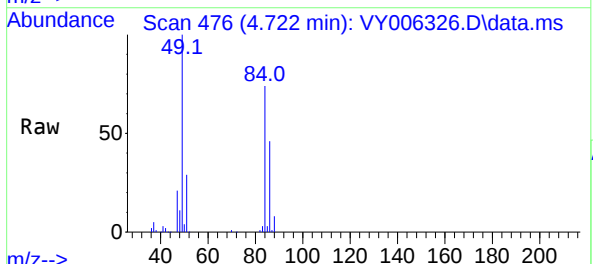
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

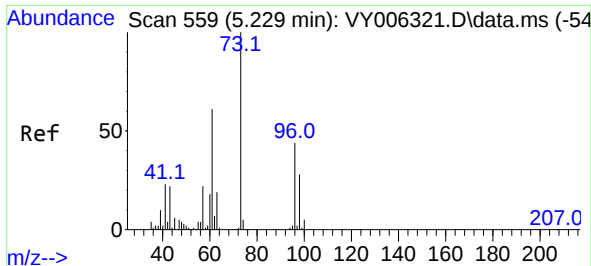
Tgt Ion: 43 Resp: 49831
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1



#16
Methylene chloride
Concen: 21.668 ug/L
RT: 4.722 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 84 Resp: 80770
Ion Ratio Lower Upper
84 100
86 62.3 43.2 80.2
49 134.9 96.0 178.4



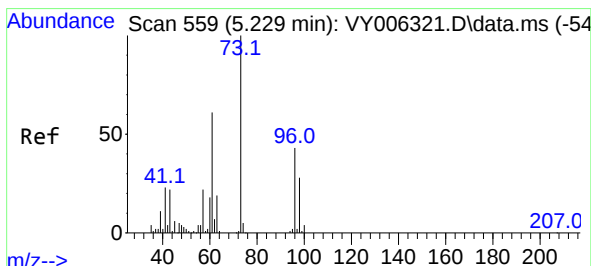
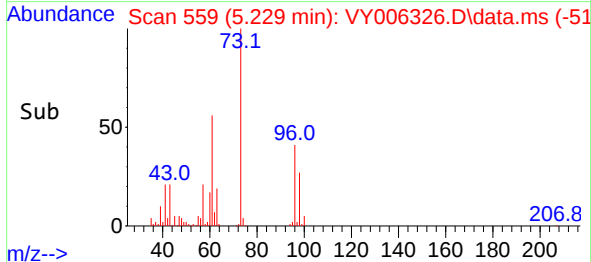
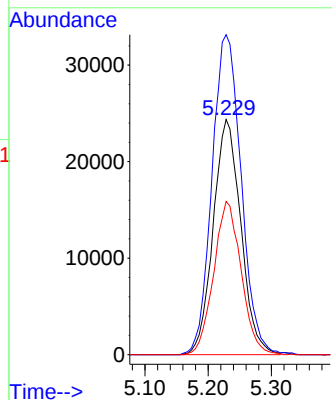
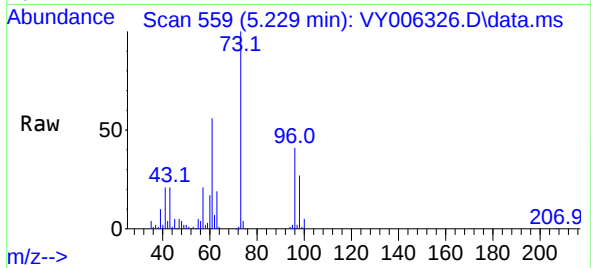


#17
trans-1,2-Dichloroethene
Concen: 25.853 ug/L
RT: 5.229 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

Tgt Ion: 96 Resp: 73989

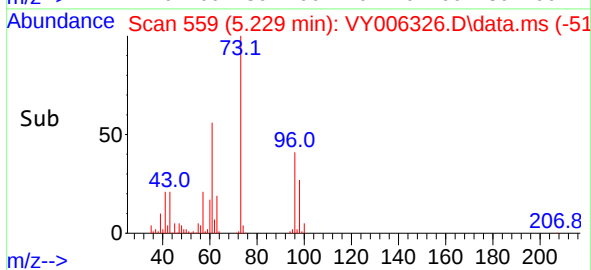
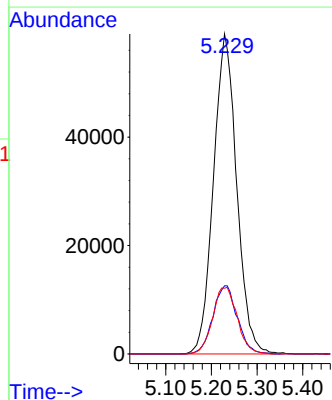
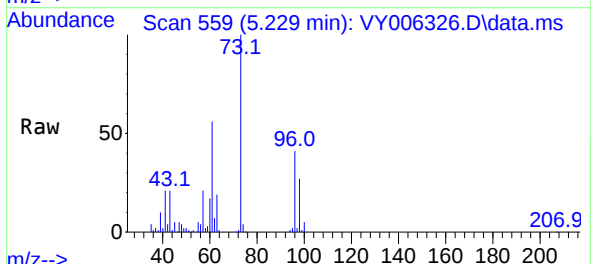
Ion	Ratio	Lower	Upper
96	100		
61	136.1	97.6	181.2
98	65.2	44.8	83.2

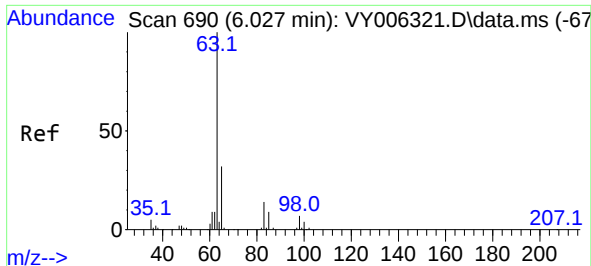


#18
Methyl tert-butyl Ether
Concen: 27.811 ug/L
RT: 5.229 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 73 Resp: 208197

Ion	Ratio	Lower	Upper
73	100		
43	22.4	16.8	25.2
57	22.0	18.7	28.1



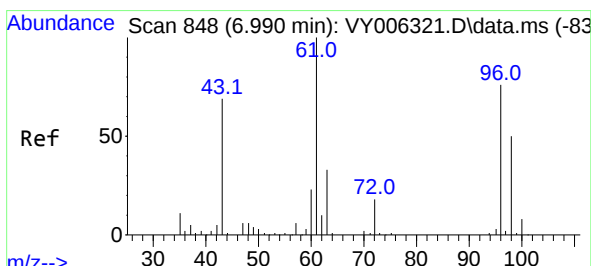
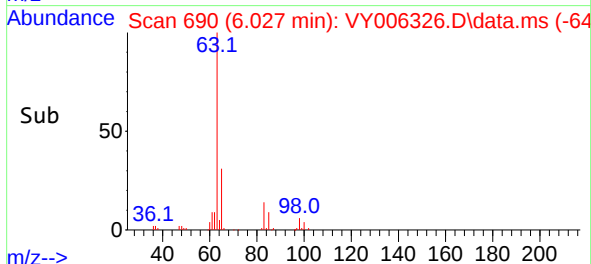
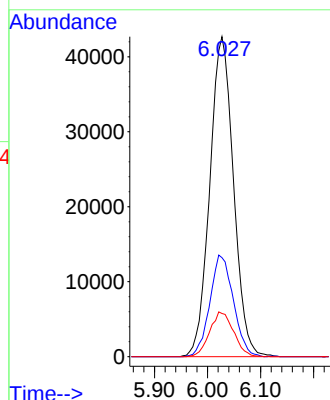
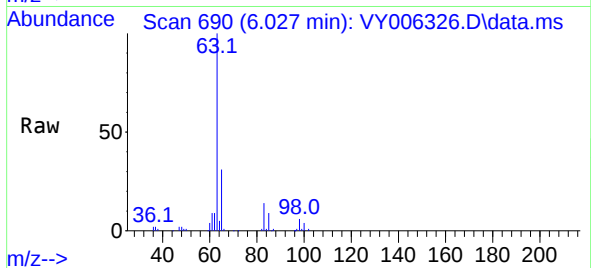


#19
1,1-Dichloroethane
Concen: 25.567 ug/L
RT: 6.027 min Scan# 690
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

Tgt Ion: 63 Resp: 132625

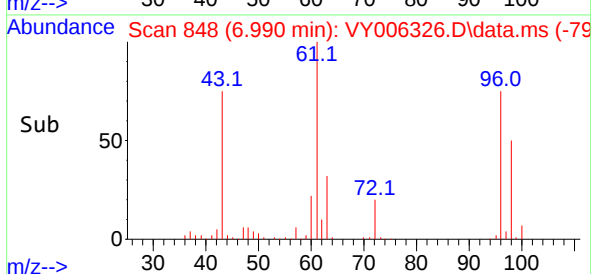
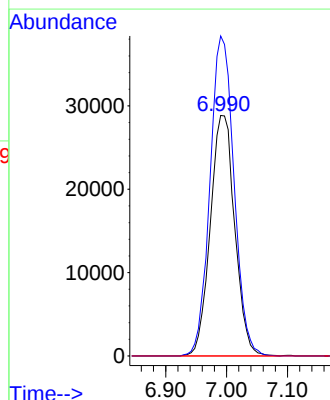
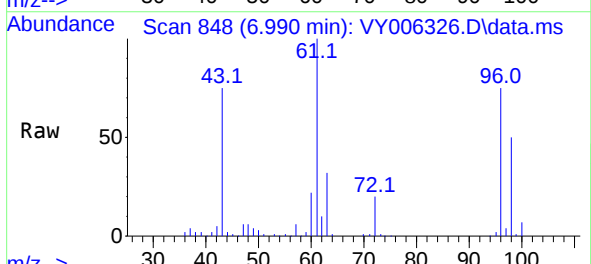
Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.4	41.6
83	13.5	9.5	17.7

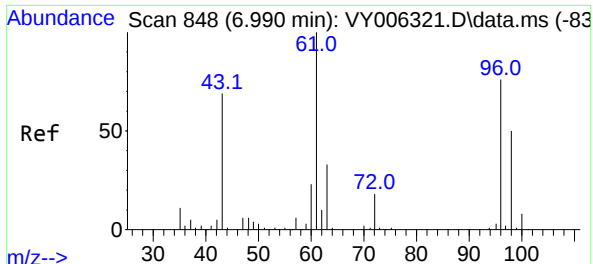


#20
cis-1,2-Dichloroethene
Concen: 26.796 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 96 Resp: 80383

Ion	Ratio	Lower	Upper
96	100		
61	133.1	94.8	176.2
68	0.0	0.0	0.0

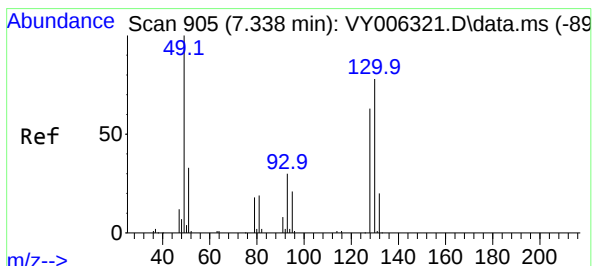
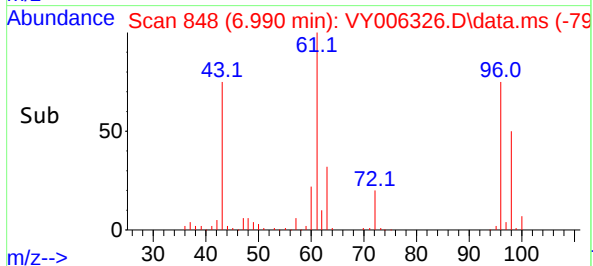
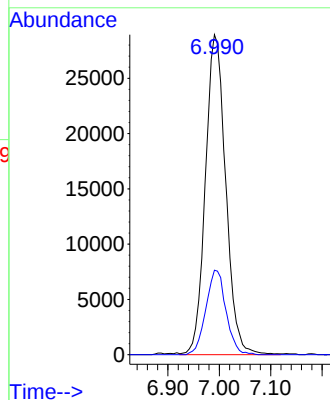
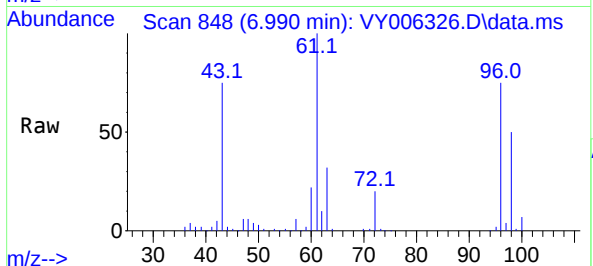




#22
2-Butanone
Concen: 63.824 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

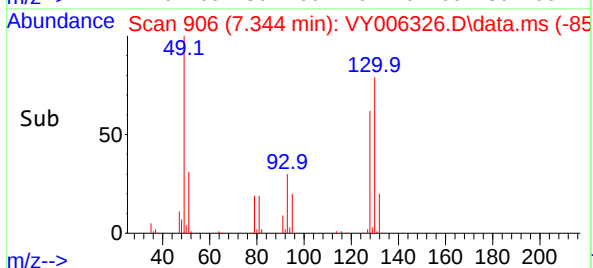
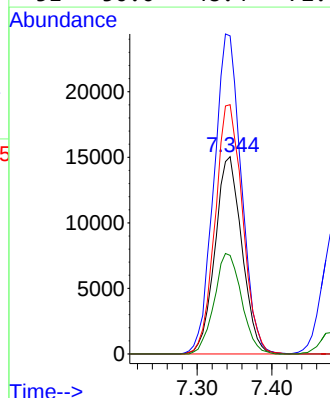
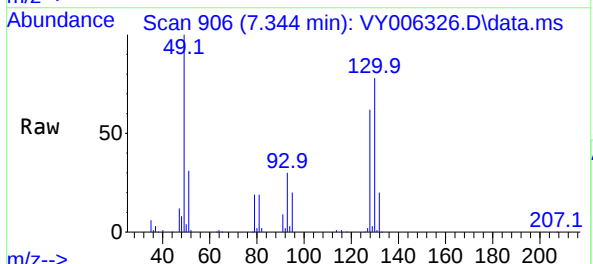
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

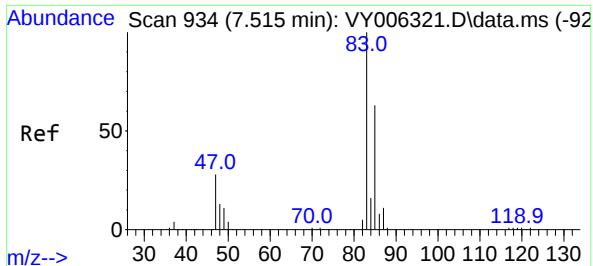
Tgt Ion: 43 Resp: 79510
Ion Ratio Lower Upper
43 100
72 26.1 12.2 36.6



#23
Bromochloromethane
Concen: 27.540 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:128 Resp: 37562
Ion Ratio Lower Upper
128 100
49 161.2 138.9 258.1
130 126.4 88.3 164.1
51 50.0 48.4 72.6





#25

Chloroform

Concen: 26.116 ug/L

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY006326.D

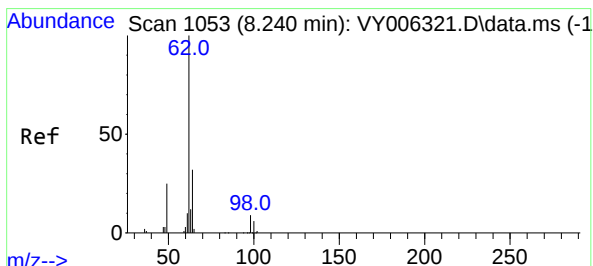
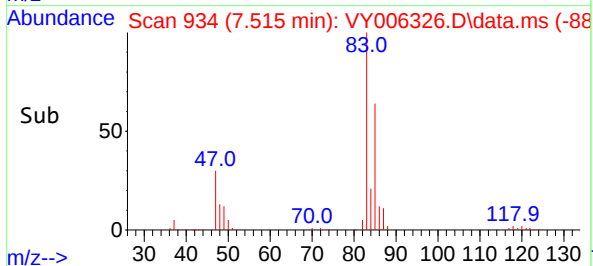
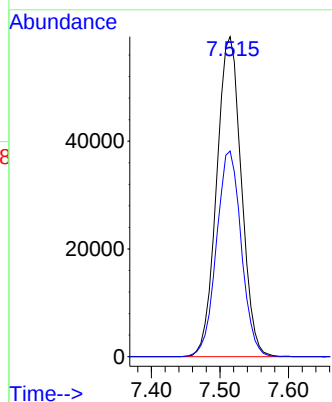
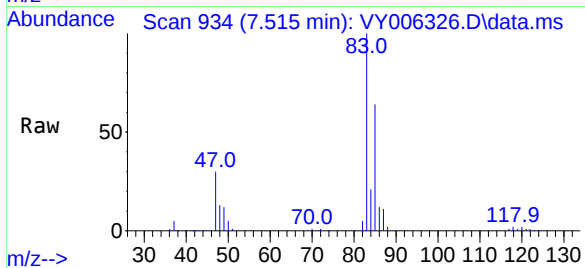
Acq: 07 Oct 2021 13:00

Tgt Ion: 83 Resp: 148360

Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 26.807 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VY006326.D

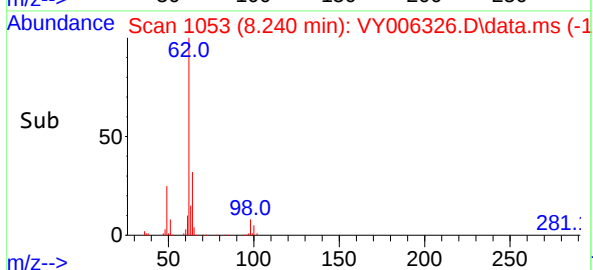
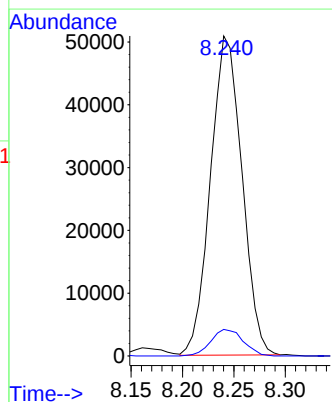
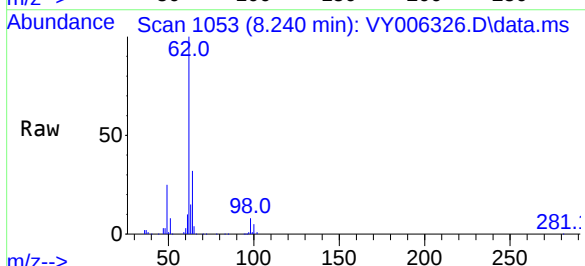
Acq: 07 Oct 2021 13:00

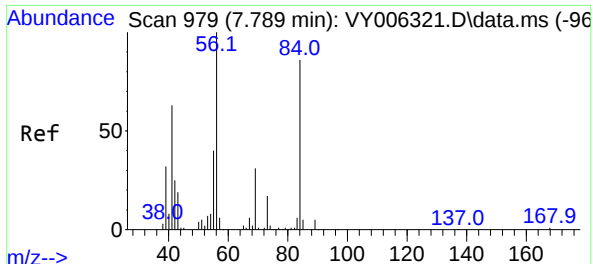
Tgt Ion: 62 Resp: 108262

Ion Ratio Lower Upper

62 100

98 8.3 7.5 11.3





#29

Cyclohexane

Concen: 25.244 ug/L

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY006326.D

Acq: 07 Oct 2021 13:00

Instrument :

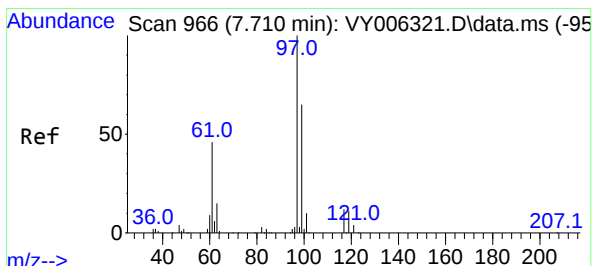
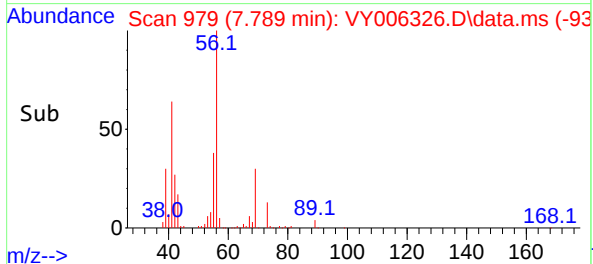
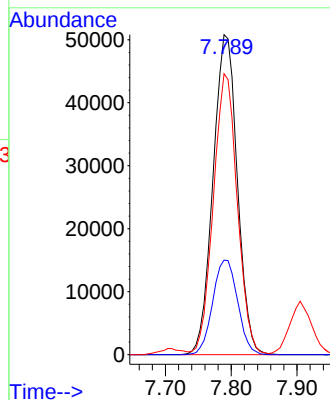
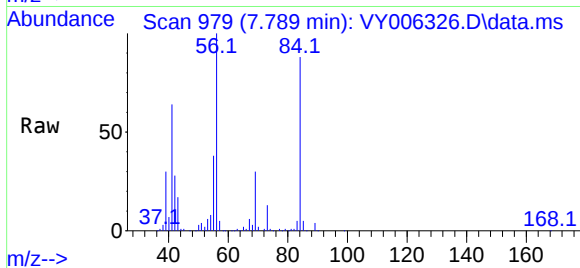
MSVOA_Y

ClientSampleId :

VSTD025890

Tgt Ion: 56 Resp: 130798

Ion	Ratio	Lower	Upper
56	100		
69	30.2	22.6	33.8
84	86.5	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 26.165 ug/L

RT: 7.710 min Scan# 966

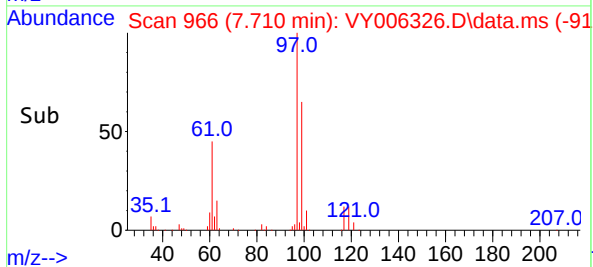
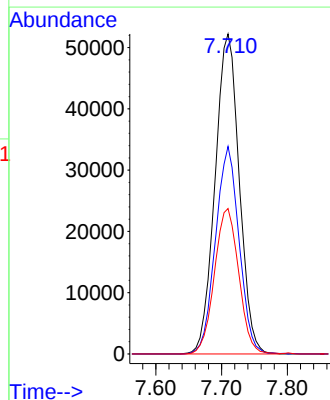
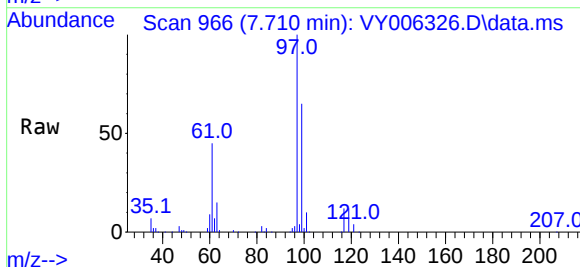
Delta R.T. -0.000 min

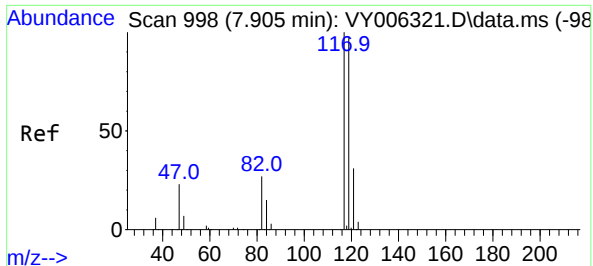
Lab File: VY006326.D

Acq: 07 Oct 2021 13:00

Tgt Ion: 97 Resp: 133789

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.8	77.6
61	45.6	37.3	55.9

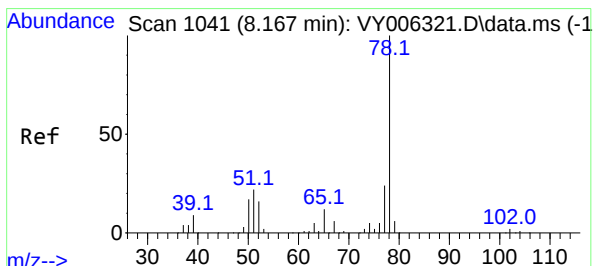
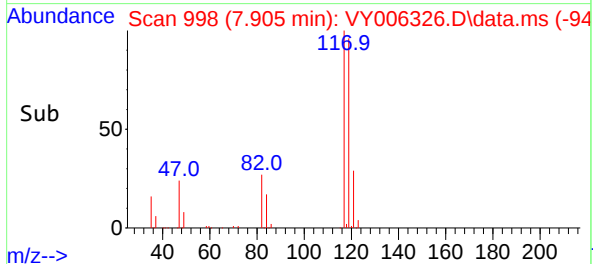
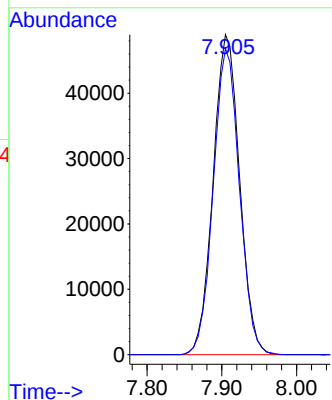
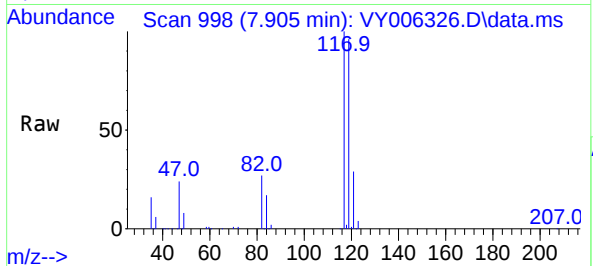




#31
Carbon tetrachloride
Concen: 26.043 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

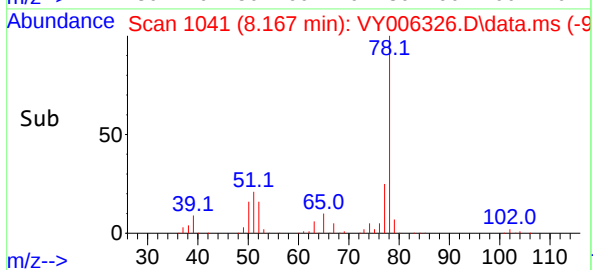
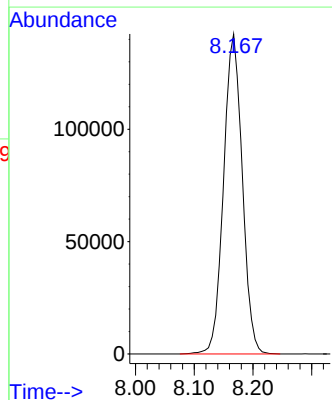
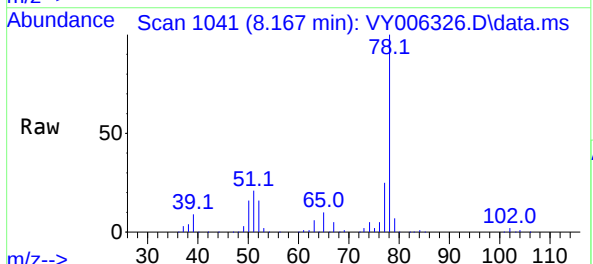
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

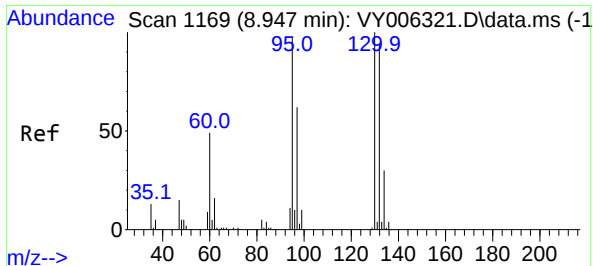
Tgt Ion:117 Resp: 120512
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2



#33
Benzene
Concen: 25.602 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 78 Resp: 314839



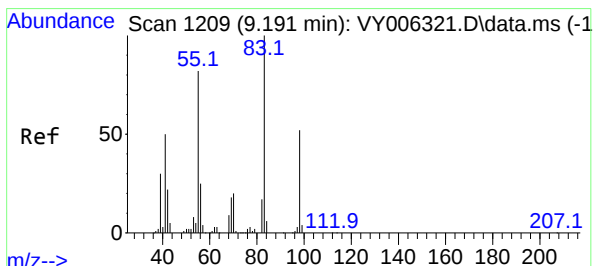
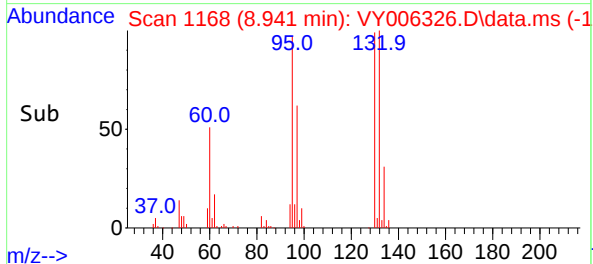
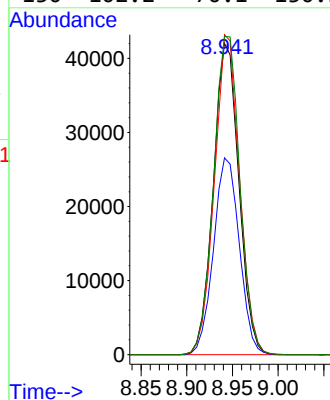
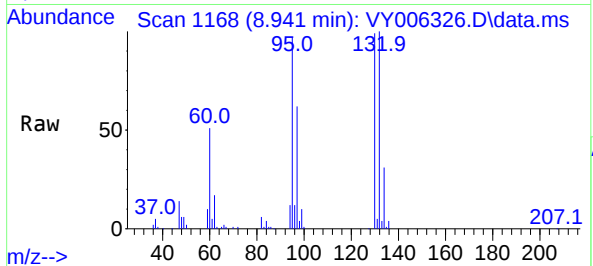


#34
Trichloroethene
Concen: 26.115 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

Tgt Ion: 95 Resp: 81585

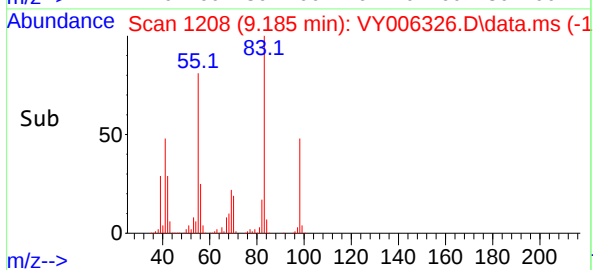
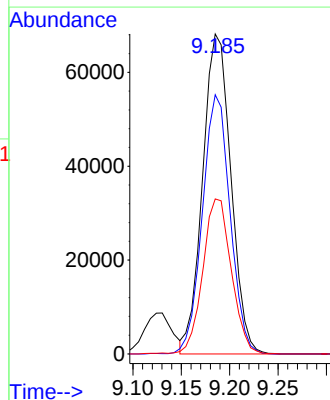
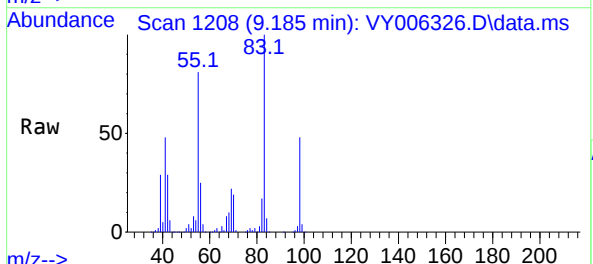
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.2	82.2
132	102.8	66.8	124.0
130	102.2	70.1	130.1

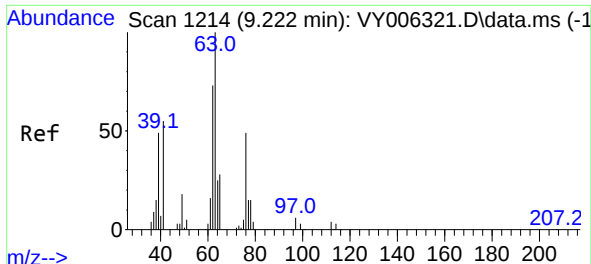


#35
Methylcyclohexane
Concen: 25.452 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 83 Resp: 138876

Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.9	95.9
98	48.7	38.7	58.1

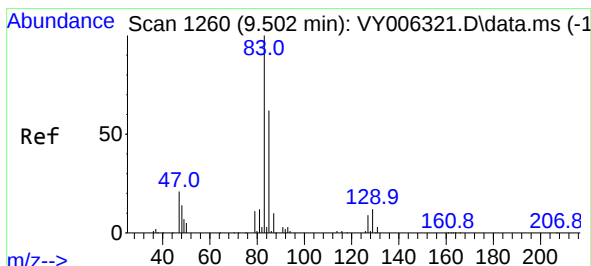
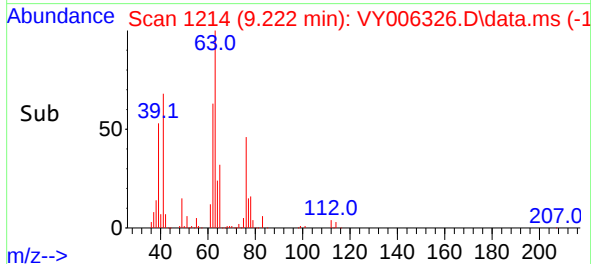
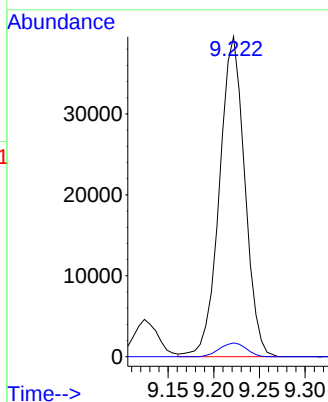
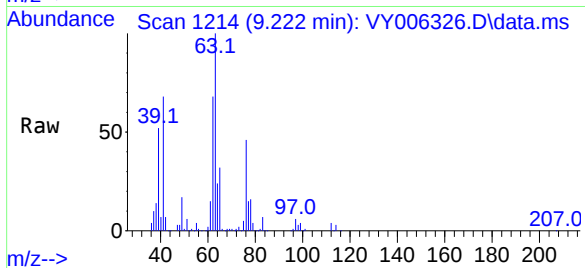




#37
1,2-Dichloropropane
Concen: 25.956 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

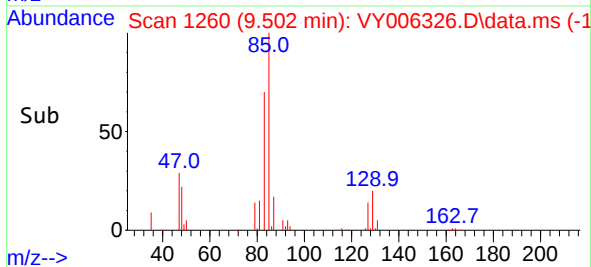
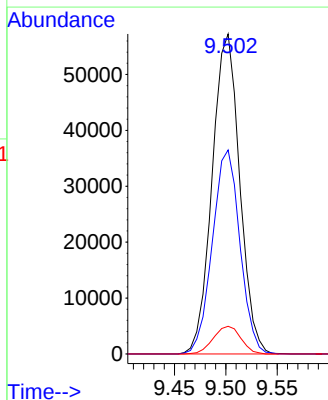
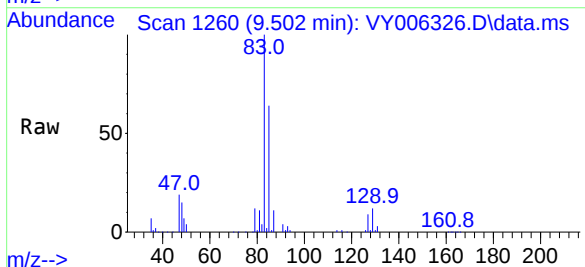
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

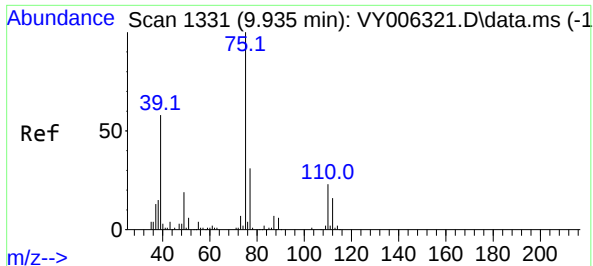
Tgt Ion: 63 Resp: 76379
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7



#38
Bromodichloromethane
Concen: 26.384 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 83 Resp: 106545
Ion Ratio Lower Upper
83 100
85 63.7 44.1 81.9
127 8.7 6.9 10.3

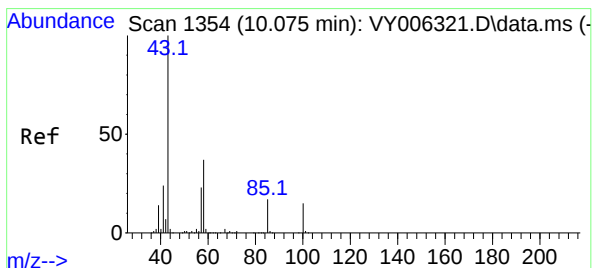
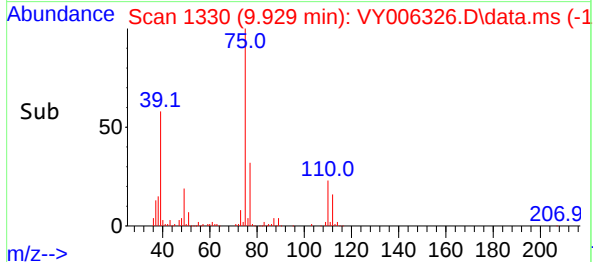
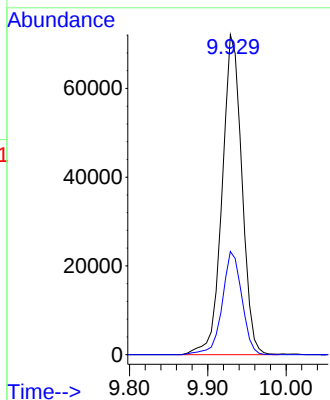
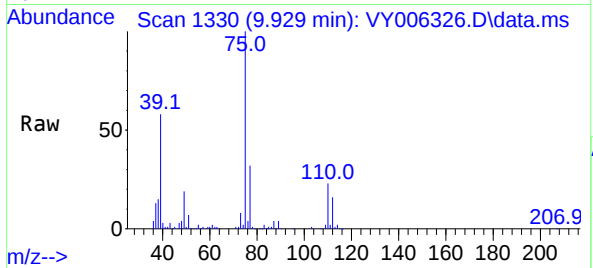




#39
cis-1,3-Dichloropropene
Concen: 27.051 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

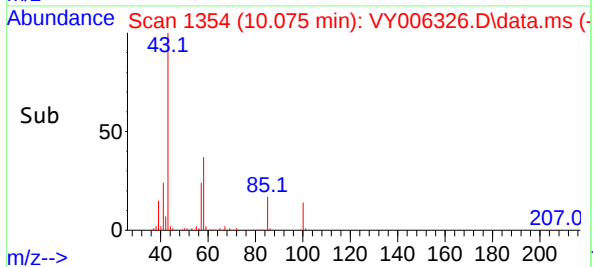
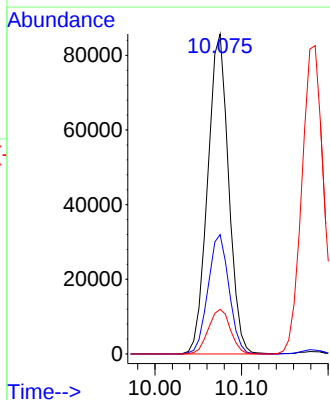
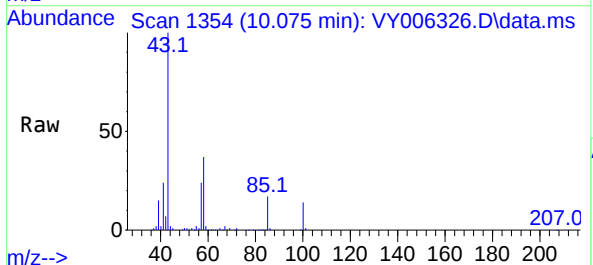
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

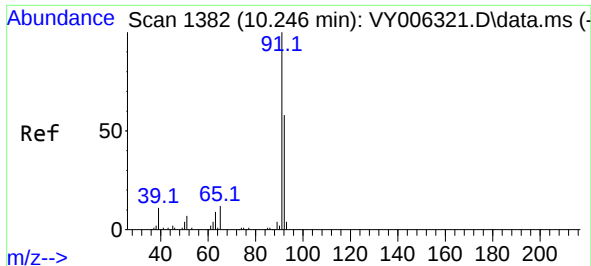
Tgt Ion: 75 Resp: 126512
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 61.103 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 43 Resp: 144218
Ion Ratio Lower Upper
43 100
58 37.4 28.5 42.7
100 14.6 10.4 15.6

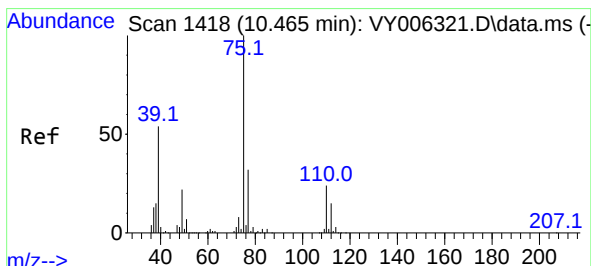
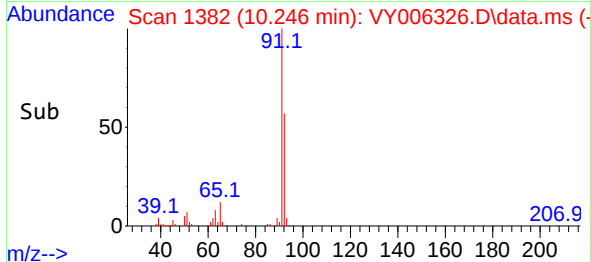
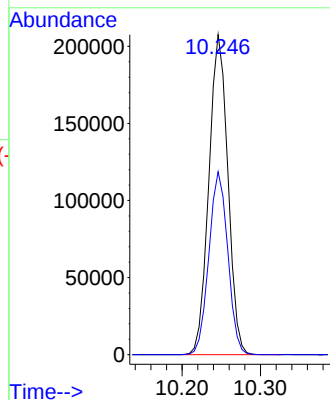
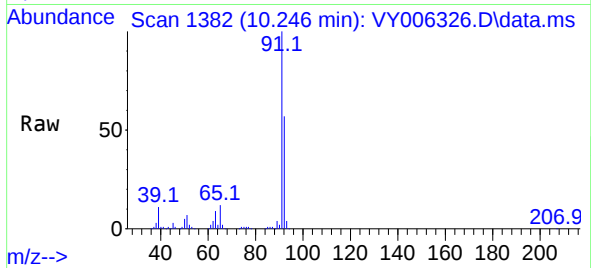




#42
Toluene
Concen: 26.244 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

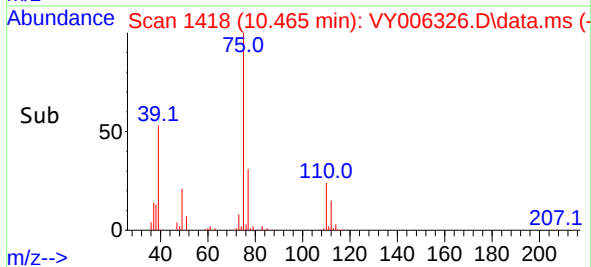
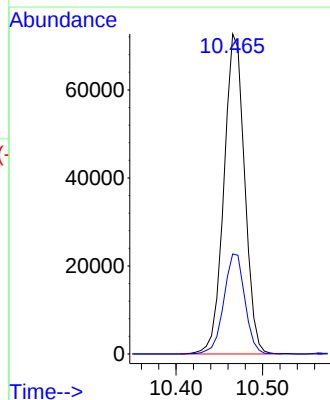
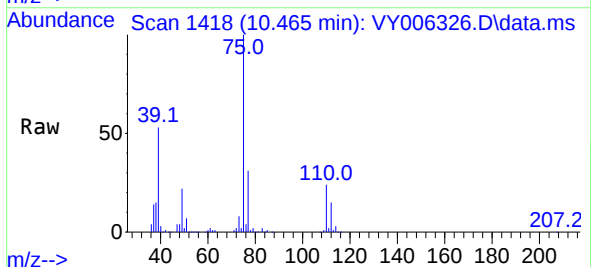
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

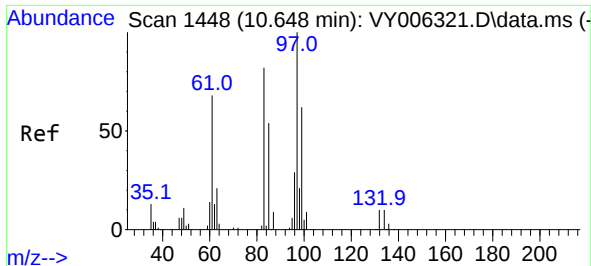
Tgt Ion: 91 Resp: 348964
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 27.320 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 75 Resp: 120631
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4

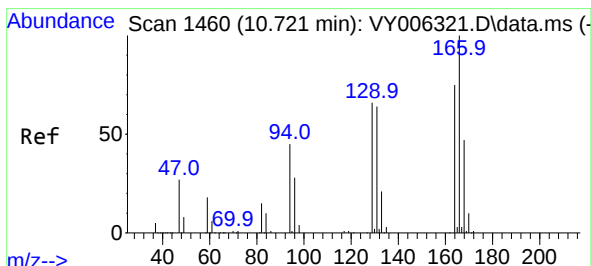
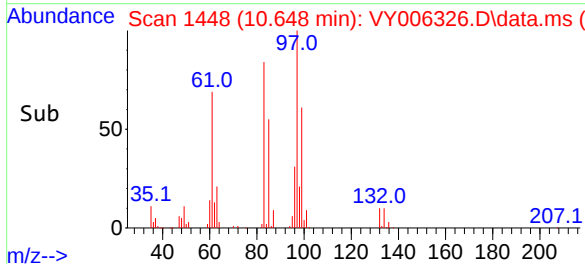
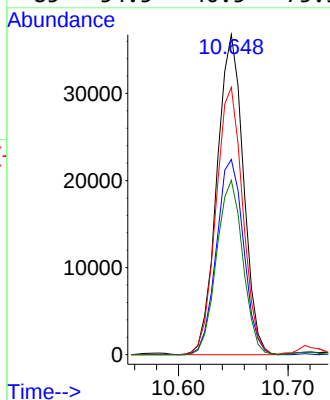
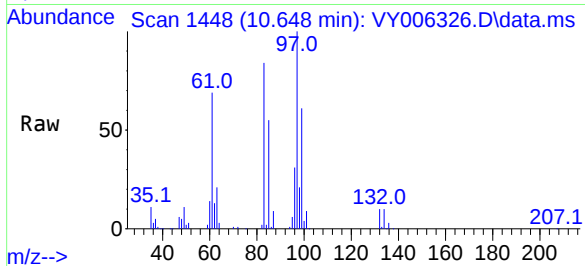




#45
1,1,2-Trichloroethane
Concen: 28.354 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

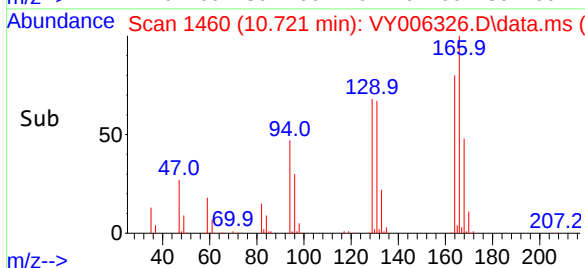
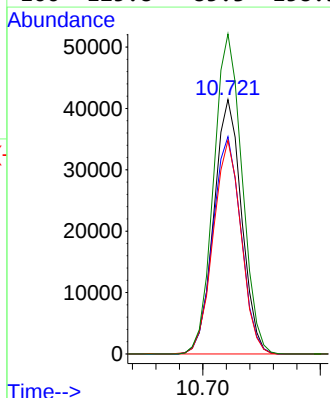
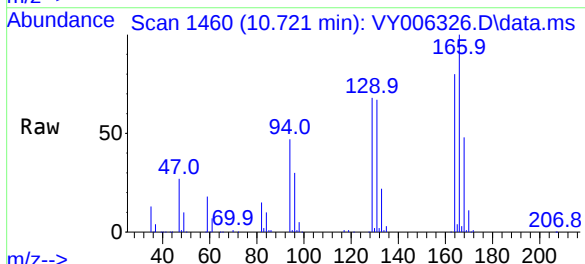
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

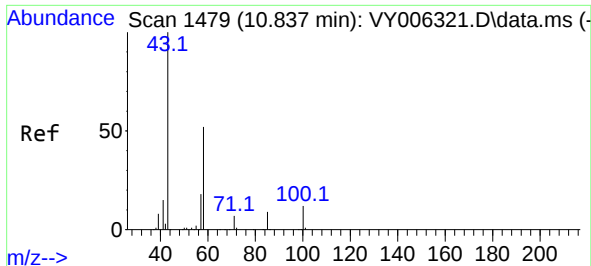
Tgt Ion:	97	Resp:	61628
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.2	82.0
83	83.6	61.1	113.5
85	54.5	40.5	75.3



#46
Tetrachloroethene
Concen: 26.435 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:	164	Resp:	68168
Ion	Ratio	Lower	Upper
164	100		
129	85.4	65.9	122.3
131	83.9	61.9	115.1
166	125.8	85.3	158.3



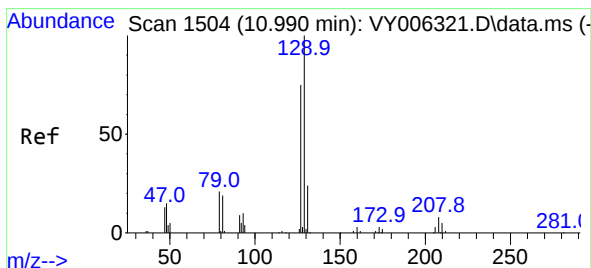
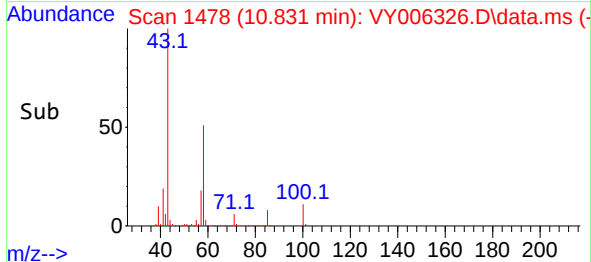
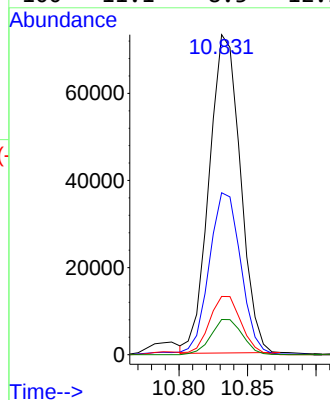
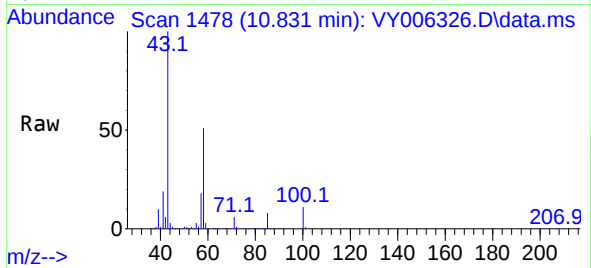


#48
2-Hexanone
Concen: 63.029 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

Tgt Ion: 43 Resp: 116077

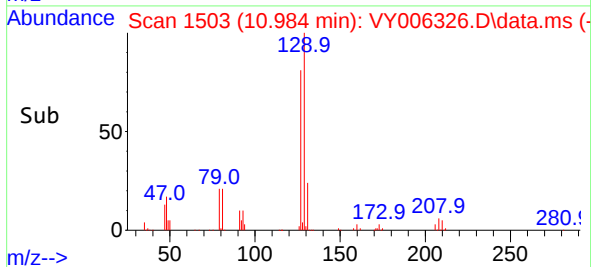
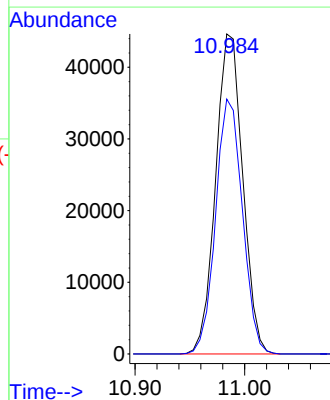
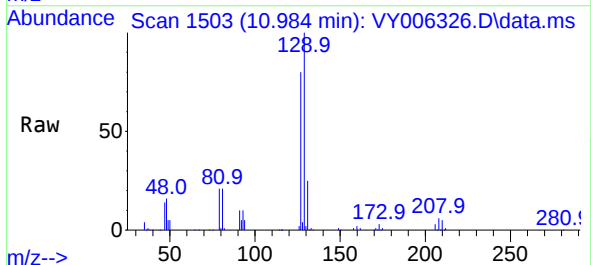
Ion	Ratio	Lower	Upper
43	100		
58	51.8	41.1	61.7
57	18.7	13.8	20.6
100	11.1	8.3	12.5

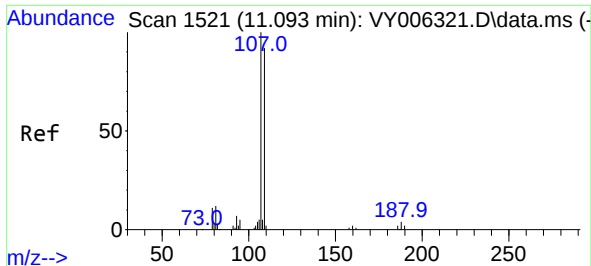


#49
Dibromochloromethane
Concen: 28.126 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 129 Resp: 76762

Ion	Ratio	Lower	Upper
129	100		
127	79.6	52.8	98.0

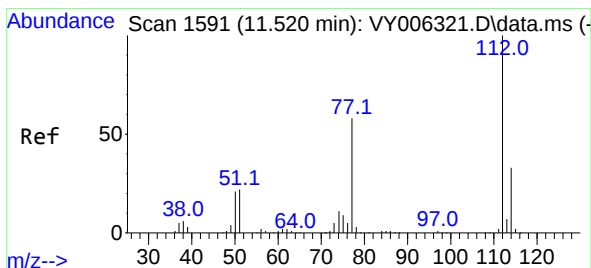
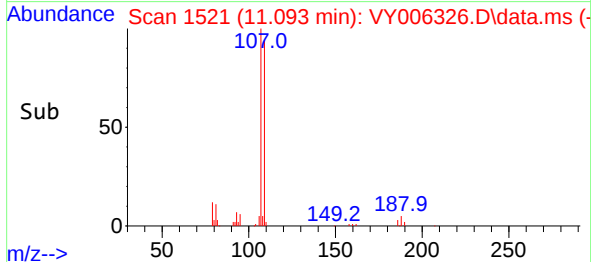
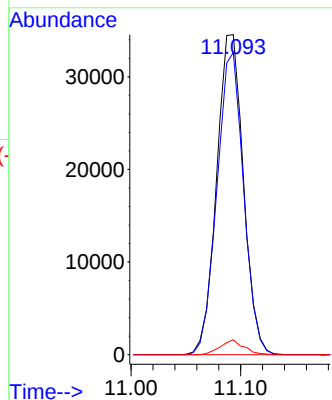
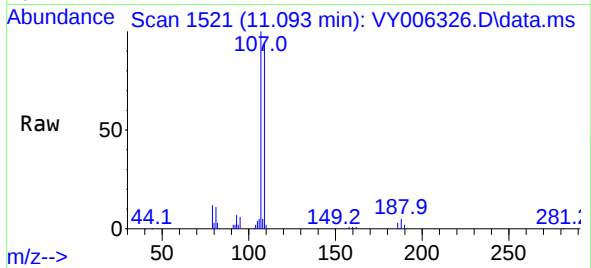




#50
1,2-Dibromoethane
Concen: 28.965 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

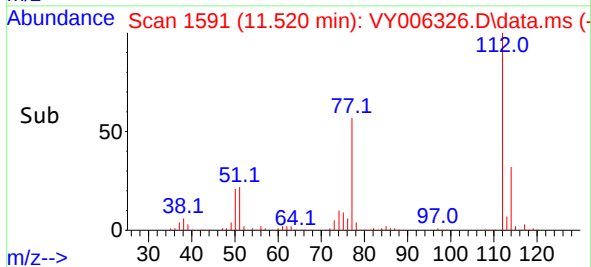
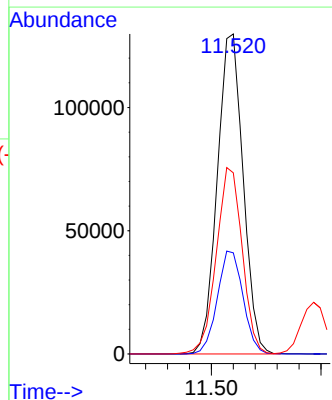
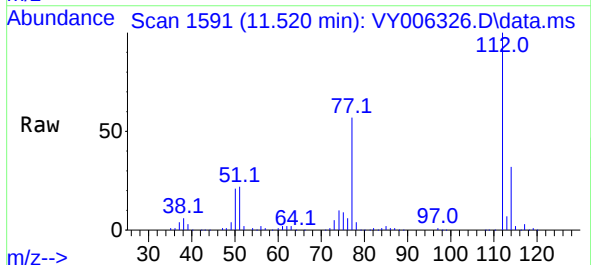
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

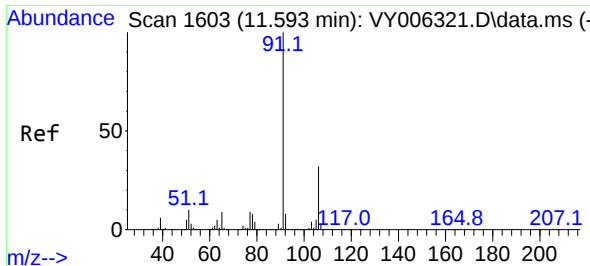
Tgt Ion:107 Resp: 58713
Ion Ratio Lower Upper
107 100
109 94.4 65.7 121.9
188 4.7 2.8 4.2#



#51
Chlorobenzene
Concen: 26.431 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:112 Resp: 212851
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 56.6 46.5 69.7

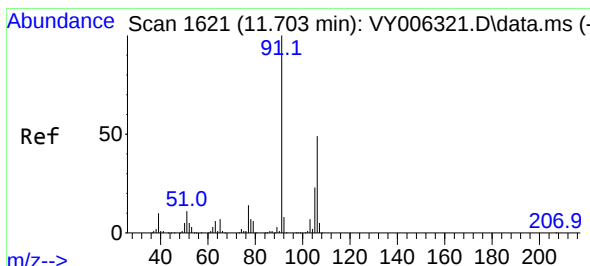
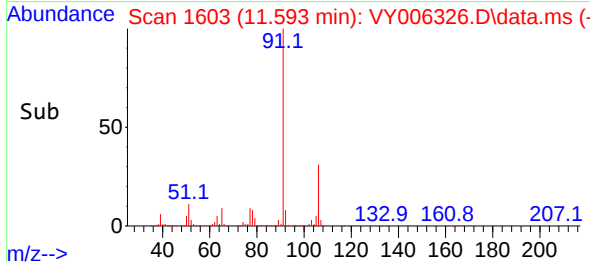
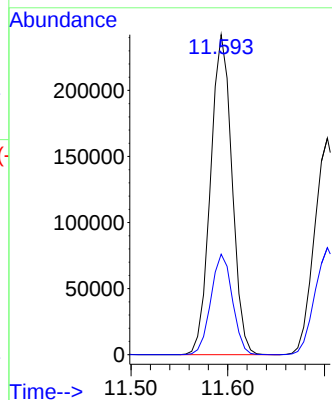
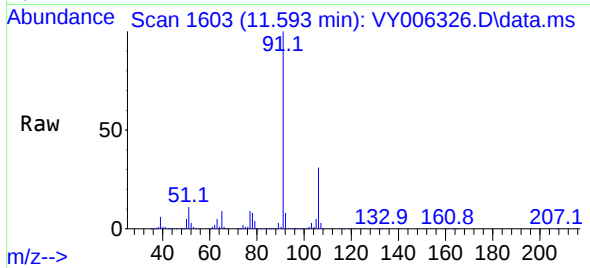




#52
Ethylbenzene
Concen: 26.335 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

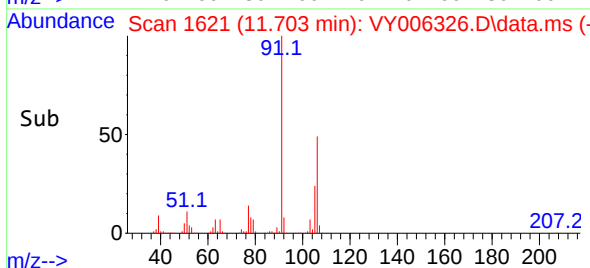
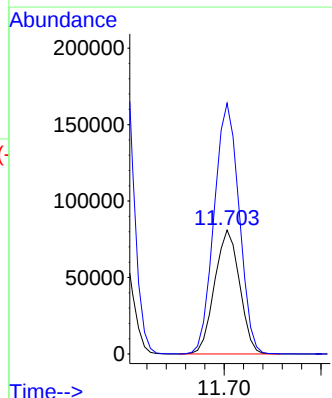
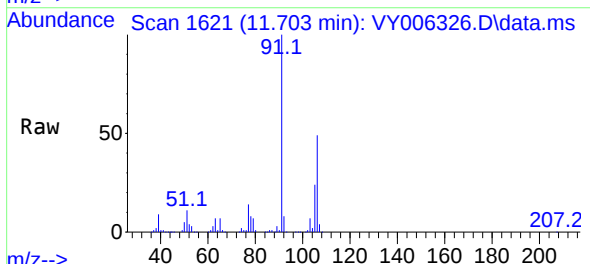
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

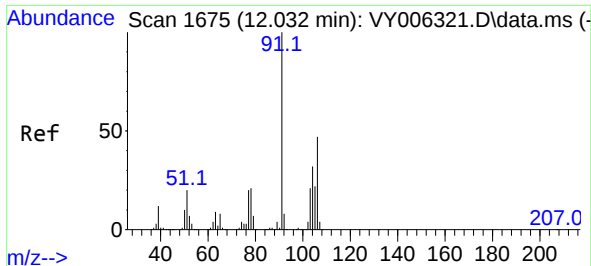
Tgt Ion: 91 Resp: 373460
Ion Ratio Lower Upper
91 100
106 31.4 21.2 39.4



#53
m,p-Xylene
Concen: 26.743 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:106 Resp: 145204
Ion Ratio Lower Upper
106 100
91 202.5 145.7 270.5

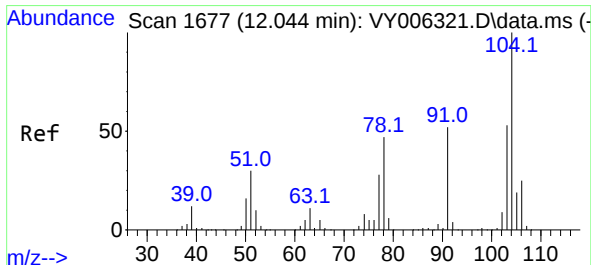
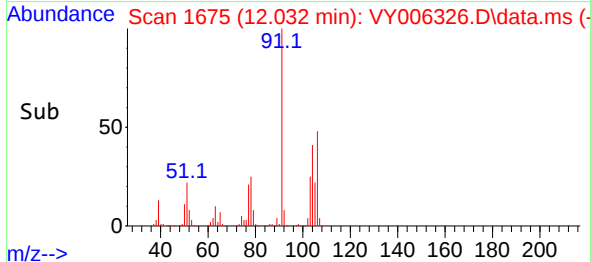
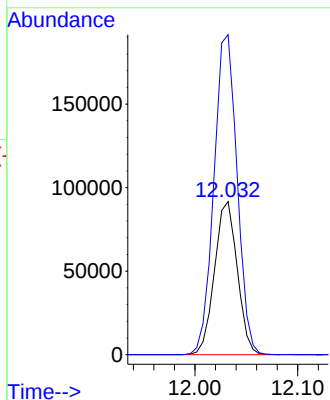
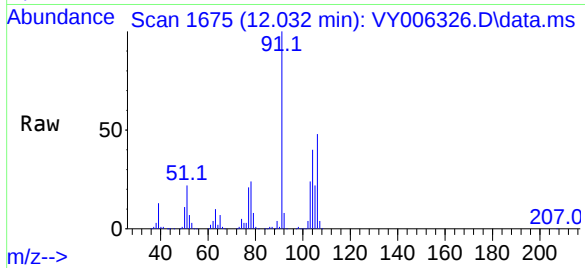




#54
o-Xylene
Concen: 27.069 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

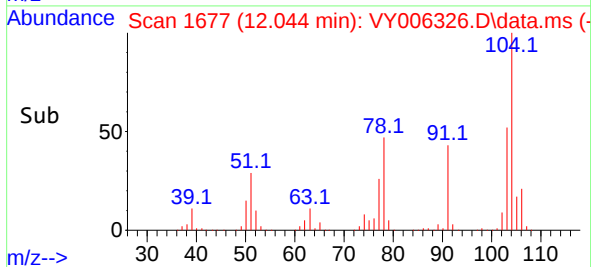
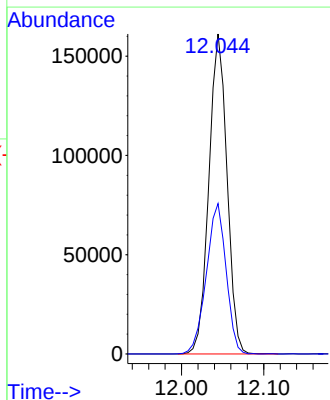
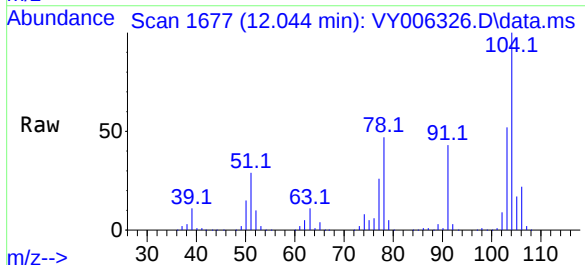
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

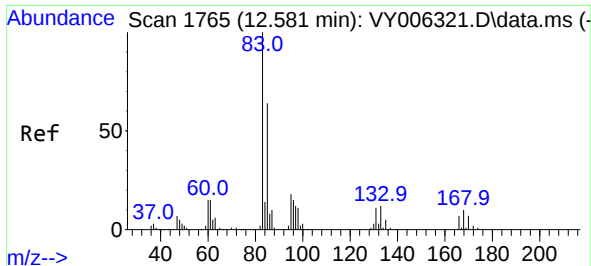
Tgt Ion:106 Resp: 140834
Ion Ratio Lower Upper
106 100
91 208.9 150.6 279.6



#55
Styrene
Concen: 27.273 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:104 Resp: 247370
Ion Ratio Lower Upper
104 100
78 47.0 31.8 59.0

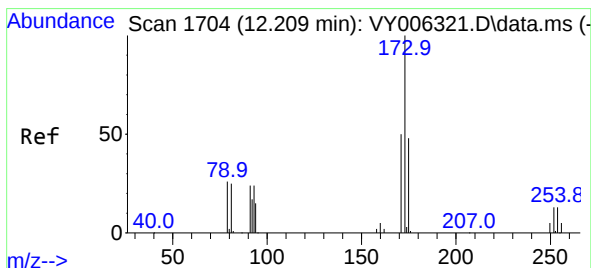
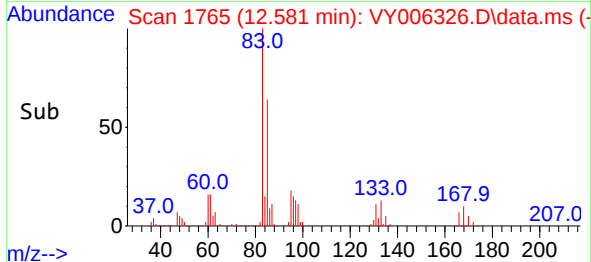
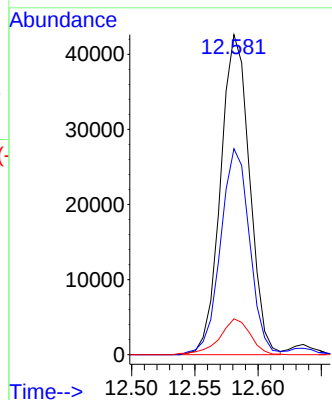
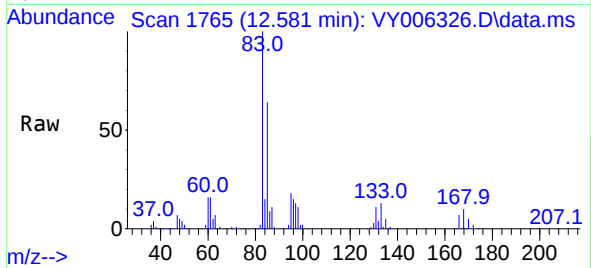




#57
1,1,2,2-Tetrachloroethane
Concen: 28.613 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

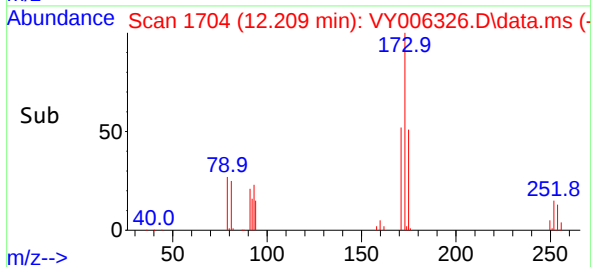
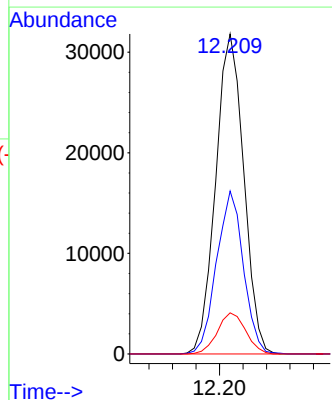
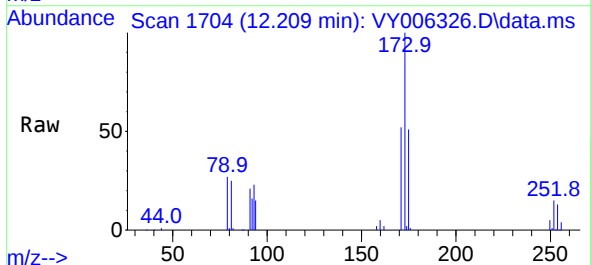
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

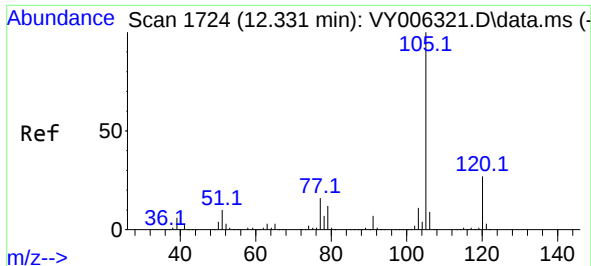
Tgt Ion:	83	Resp:	67814
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.0	83.6
131	11.2	6.9	10.3#



#59
Bromoform
Concen: 29.114 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:	173	Resp:	52757
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.8	58.2
254	13.0	7.3	10.9#

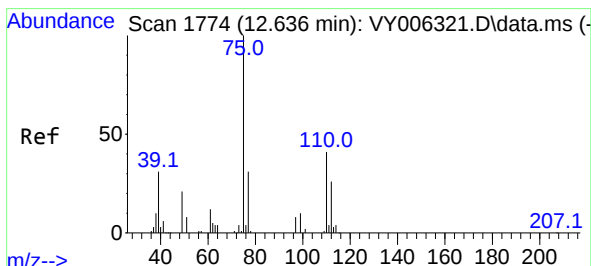
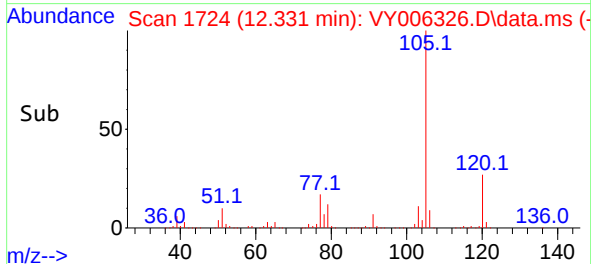
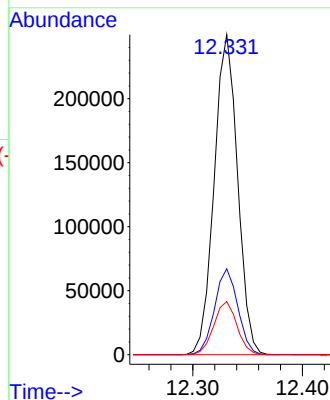
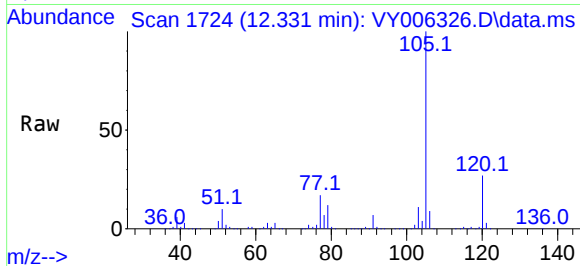




#60
Isopropylbenzene
Concen: 25.571 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

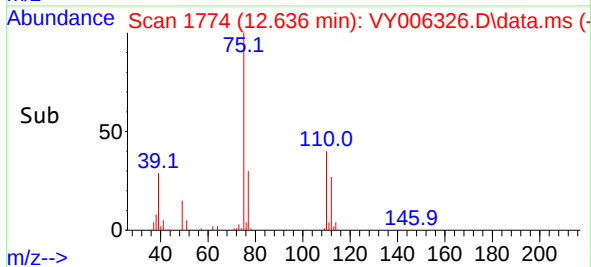
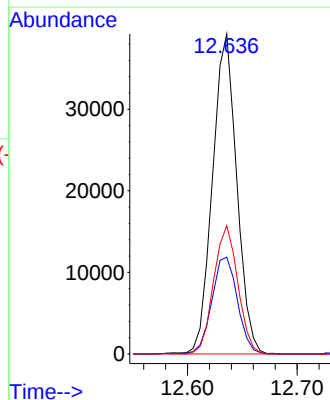
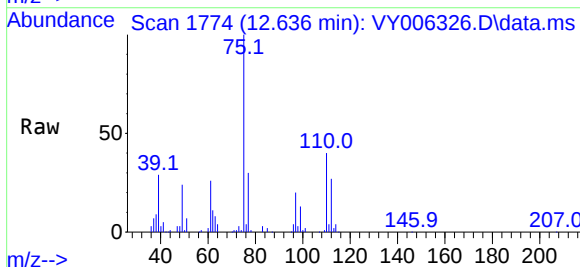
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

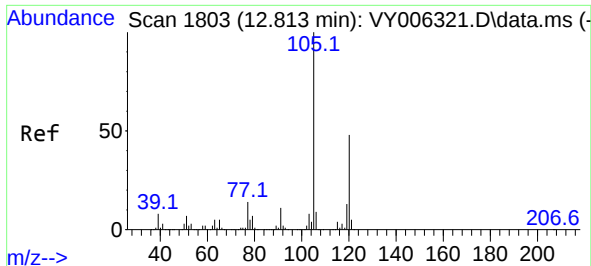
Tgt Ion:105 Resp: 370667
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.6
77 16.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 28.586 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion: 75 Resp: 60221
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 39.9 30.8 46.2

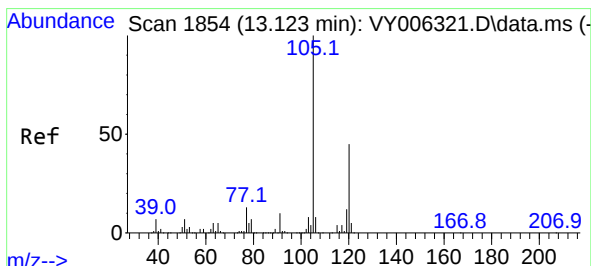
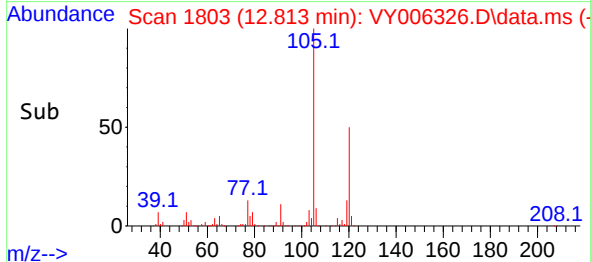
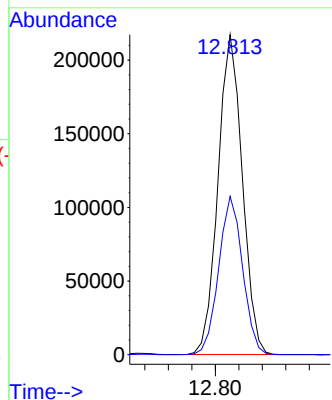
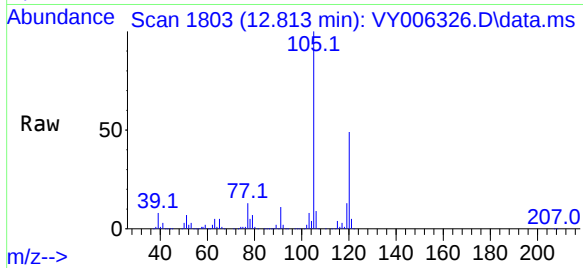




#62
1,3,5-Trimethylbenzene
Concen: 26.451 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

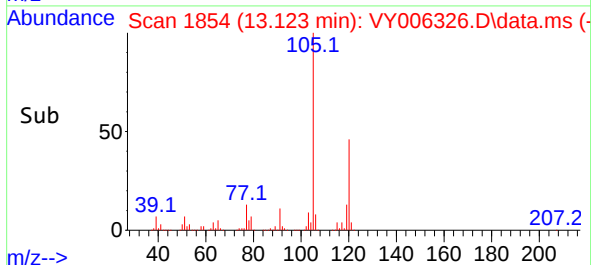
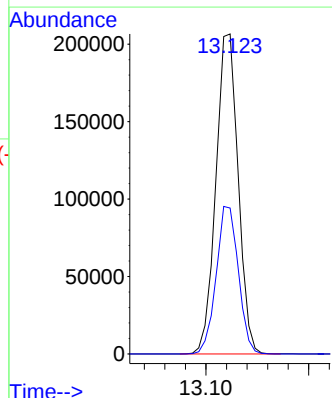
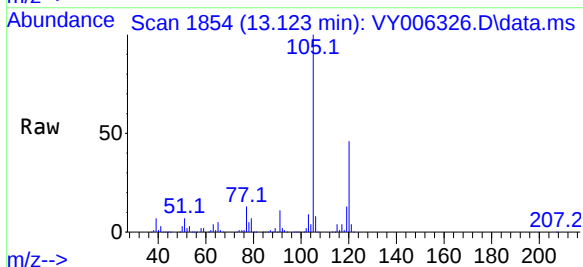
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

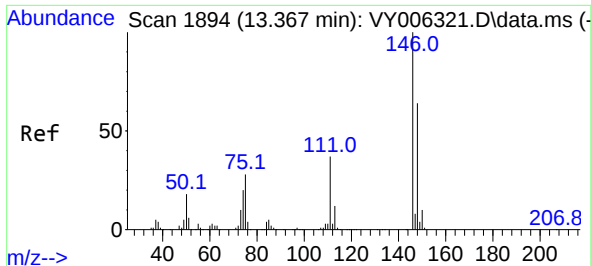
Tgt Ion:105 Resp: 312267
Ion Ratio Lower Upper
105 100
120 48.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 26.599 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:105 Resp: 309894
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.4

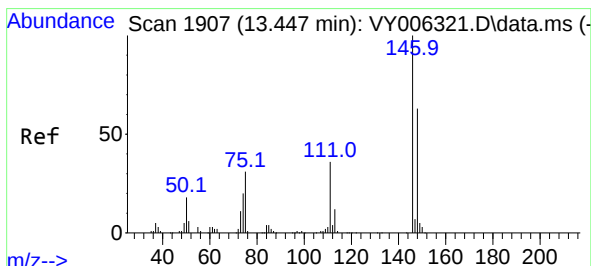
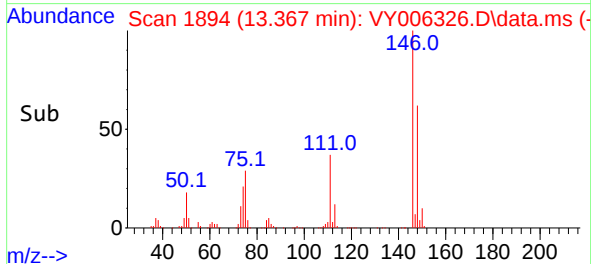
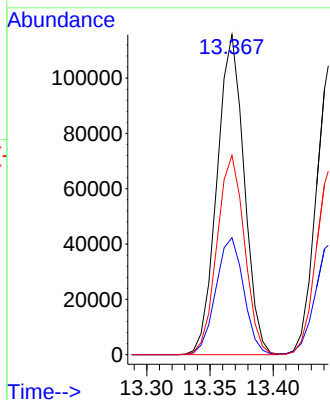
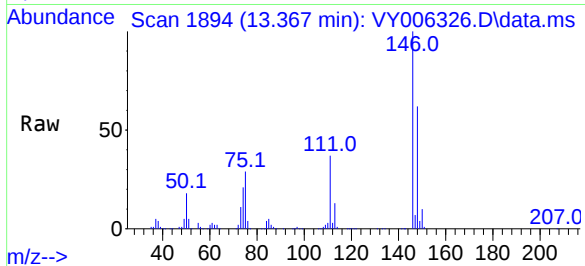




#64
1,3-Dichlorobenzene
Concen: 26.589 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

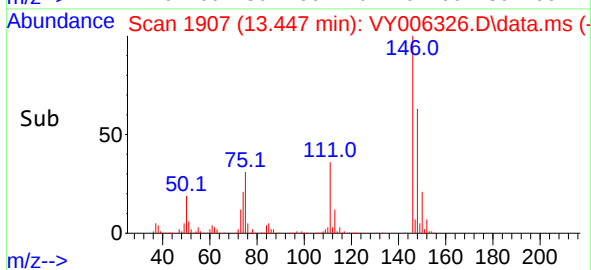
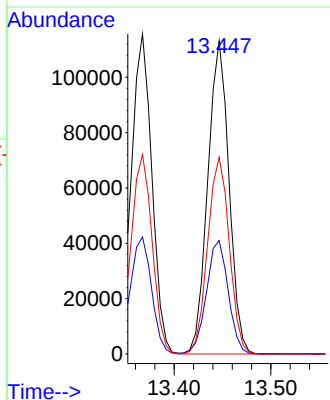
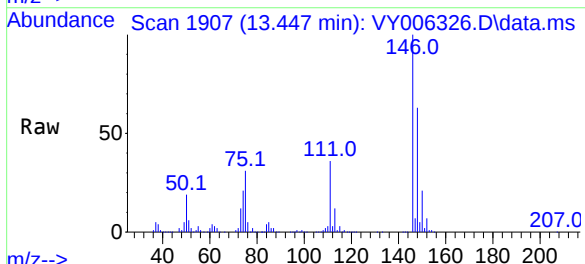
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

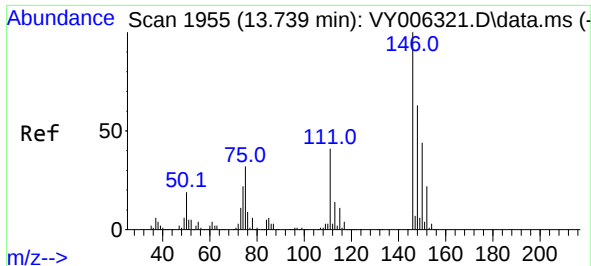
Tgt Ion:146 Resp: 172750
Ion Ratio Lower Upper
146 100
111 36.5 27.4 51.0
148 62.3 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 26.411 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:146 Resp: 172538
Ion Ratio Lower Upper
146 100
111 36.2 26.4 49.0
148 62.8 44.3 82.3

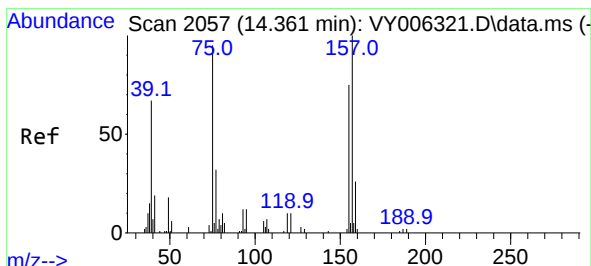
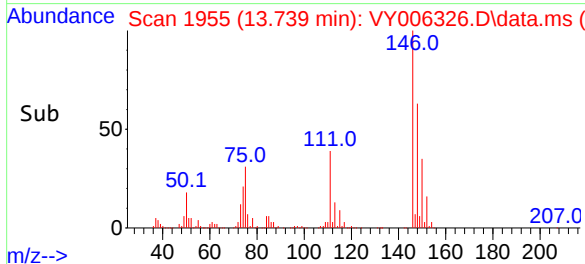
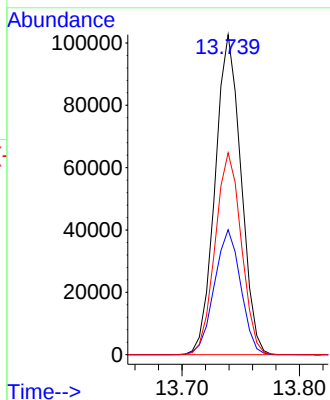
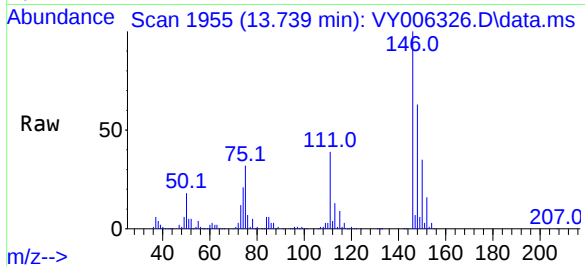




#67
1,2-Dichlorobenzene
Concen: 26.658 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

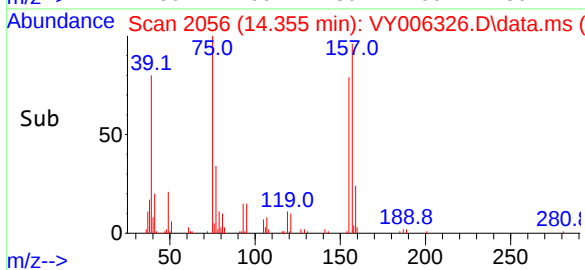
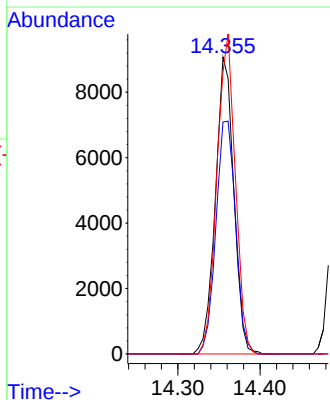
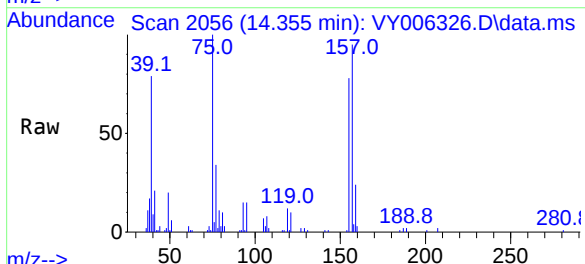
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

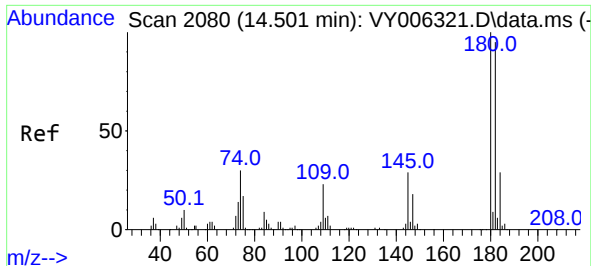
Tgt Ion:	146	Resp:	157390
Ion	Ratio	Lower	Upper
146	100		
111	39.0	33.9	50.9
148	63.1	49.7	74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 27.785 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:	75	Resp:	14103
Ion	Ratio	Lower	Upper
75	100		
155	78.2	64.5	96.7
157	95.0	77.4	116.2

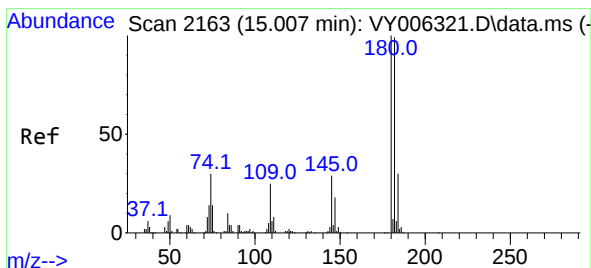
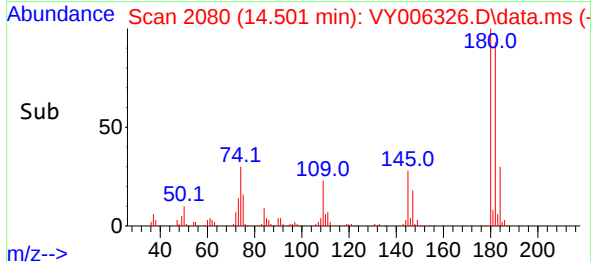
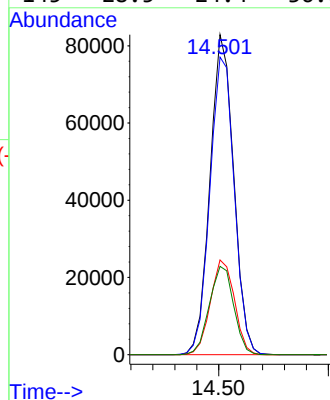
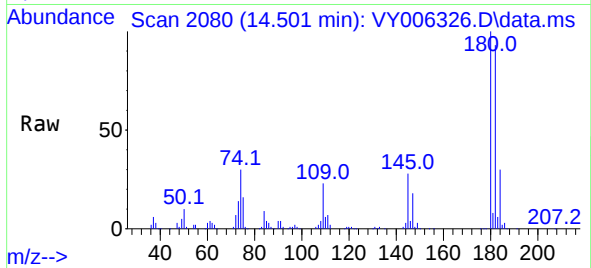




#69
1,3,5-Trichlorobenzene
Concen: 27.047 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

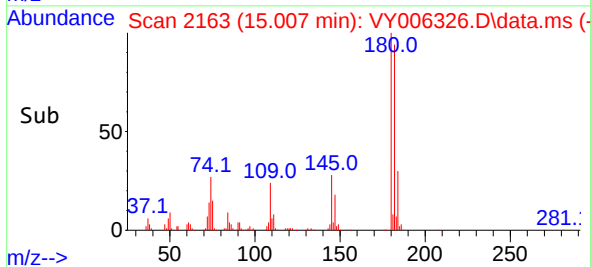
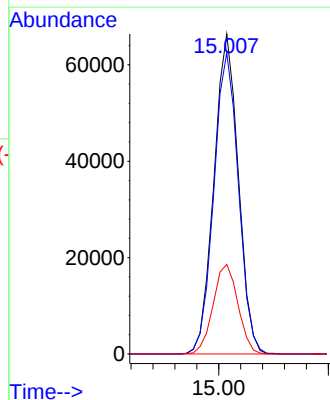
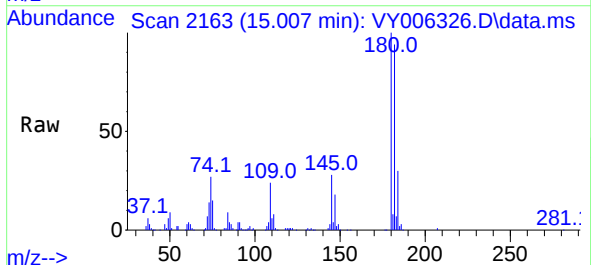
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

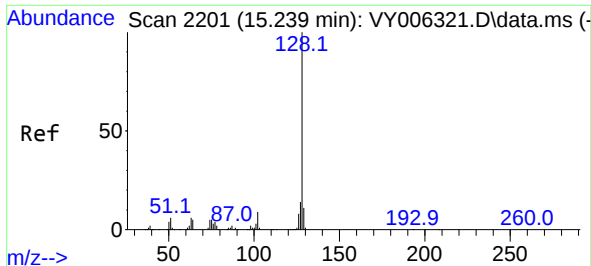
Tgt Ion:	180	Resp:	124271
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.1	114.1
184	30.1	24.6	36.8
145	28.5	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 27.597 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:	180	Resp:	102517
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	28.5	25.0	37.6



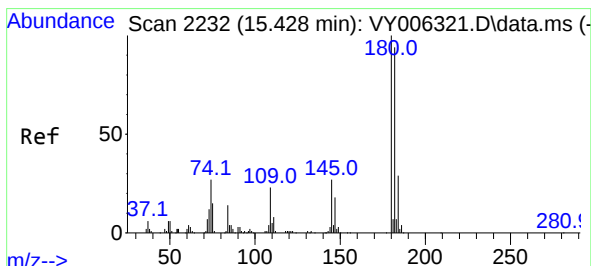
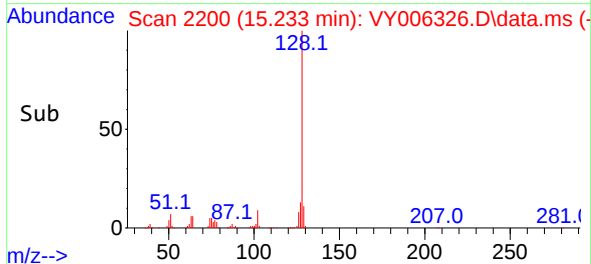
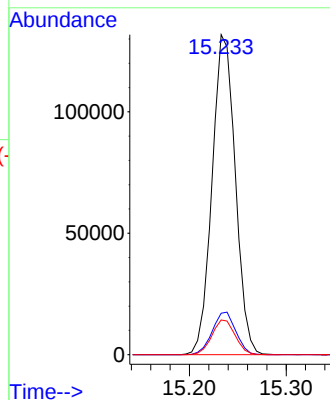
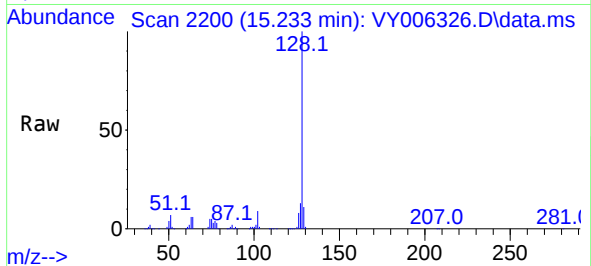


#71
Naphthalene
Concen: 30.309 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025890

Tgt Ion:128 Resp: 219933

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 29.047 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006326.D
Acq: 07 Oct 2021 13:00

Tgt Ion:180 Resp: 93747

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.2	114.2
145	29.5	25.8	38.8

