

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100521\
 Data File : VY006303.D
 Acq On : 05 Oct 2021 09:22
 Operator : SY/MD
 Sample : VSTD00541
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD005815

Quant Time: Oct 05 11:00:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 10:59:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	202964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	190057	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	96638	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	15943	4.788	ug/L	0.00
7) Chloroethane-d5	2.771	69	12251	4.989	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.869	63	26746	4.435	ug/L	0.00
21) 2-Butanone-d5	6.899	46	9284	7.200	ug/L	0.00
24) Chloroform-d	7.490	84	24738	4.734	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	17045	5.180	ug/L	0.00
32) Benzene-d6	8.118	84	51125	4.594	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	15482	4.364	ug/L	0.00
41) Toluene-d8	10.185	98	48698	4.776	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	7805	4.560	ug/L	0.00
47) 2-Hexanone-d5	10.794	63	6335	6.786	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	12082	3.934	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	16713	4.839	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	18251	4.951	ug/L	99
3) Chloromethane	2.119	50	17534	4.258	ug/L	97
5) Vinyl chloride	2.259	62	21917	4.848	ug/L	98
6) Bromomethane	2.662	94	8739	4.620	ug/L	97
8) Chloroethane	2.802	64	12715	4.845	ug/L	92
9) Trichlorofluoromethane	3.131	101	26924	4.657	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.918	101	13034	4.039	ug/L	91
12) 1,1-Dichloroethene	3.887	96	13105	4.300	ug/L	93
13) Acetone	3.954	43	9130	8.003	ug/L	94
14) Carbon disulfide	4.204	76	47073	4.613	ug/L	98
15) Methyl Acetate	4.485	43	8243	3.311	ug/L #	88
17) trans-1,2-Dichloroethene	5.234	96	13572	4.074	ug/L	96
18) Methyl tert-butyl Ether	5.234	73	35103	3.780	ug/L #	79
19) 1,1-Dichloroethane	6.027	63	25563	4.140	ug/L	98
20) cis-1,2-Dichloroethene	6.990	96	13951	3.935	ug/L	88
22) 2-Butanone	6.996	43	10675	6.399	ug/L	97
23) Bromochloromethane	7.344	128	6752	4.114	ug/L	86
25) Chloroform	7.515	83	28289	4.402	ug/L	98
27) 1,2-Dichloroethane	8.246	62	20285	4.460	ug/L #	94
29) Cyclohexane	7.795	56	23304	3.905	ug/L	95
30) 1,1,1-Trichloroethane	7.704	97	24333	4.381	ug/L	98
31) Carbon tetrachloride	7.905	117	22419	4.896	ug/L	98
33) Benzene	8.167	78	58436	4.156	ug/L	100
34) Trichloroethene	8.947	95	14664	4.118	ug/L	88
35) Methylcyclohexane	9.191	83	25535	4.195	ug/L	99
37) 1,2-Dichloropropane	9.222	63	14010	3.880	ug/L #	97
38) Bromodichloromethane	9.502	83	19630	4.234	ug/L	99
39) cis-1,3-Dichloropropene	9.935	75	21552	3.789	ug/L	93
40) 4-Methyl-2-pentanone	10.075	43	21756	6.017	ug/L	98
42) Toluene	10.246	91	62505	4.151	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	20799	3.914	ug/L	99
45) 1,1,2-Trichloroethane	10.648	97	10754	3.862	ug/L	97

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

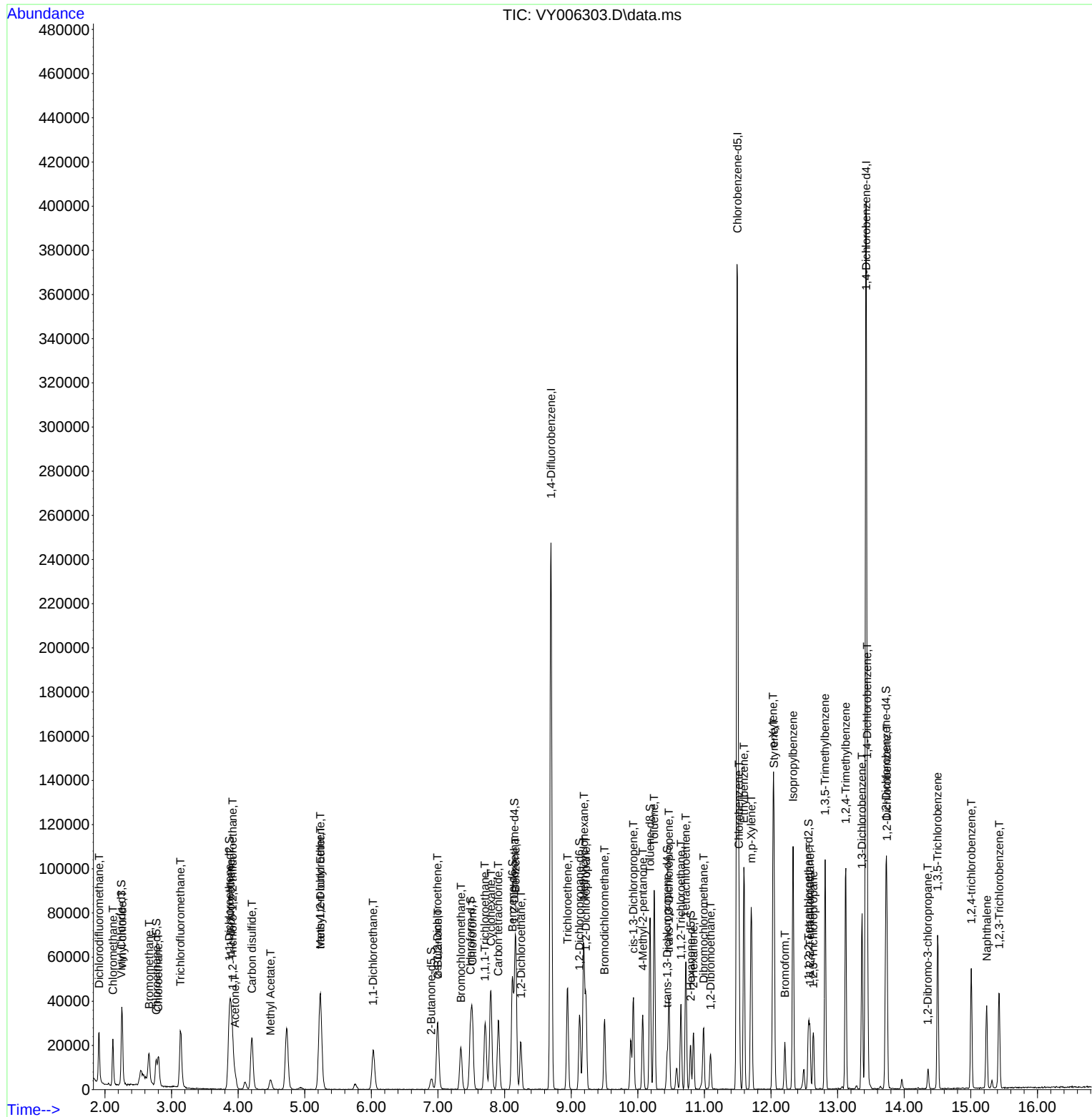
46) Tetrachloroethene	10.721	164	12206	4.389	ug/L	95
48) 2-Hexanone	10.837	43	16165	6.373	ug/L	99
49) Dibromochloromethane	10.990	129	13085	4.032	ug/L	98
50) 1,2-Dibromoethane	11.093	107	9568	3.588	ug/L #	99
51) Chlorobenzene	11.520	112	38637	4.195	ug/L	98
52) Ethylbenzene	11.593	91	66068	4.069	ug/L	98
53) m,p-Xylene	11.703	106	25242	4.152	ug/L	100
54) o-Xylene	12.032	106	24401	4.195	ug/L	90
55) Styrene	12.044	104	41482	4.102	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.587	83	11294	3.455	ug/L #	97
59) Bromoform	12.209	173	8319	3.834	ug/L #	99
60) Isopropylbenzene	12.331	105	64557	3.955	ug/L	98
61) 1,2,3-Trichloropropane	12.636	75	9650	3.356	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	50683	3.835	ug/L	97
63) 1,2,4-Trimethylbenzene	13.123	105	51093	3.885	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	29448	4.196	ug/L	96
65) 1,4-Dichlorobenzene	13.446	146	30266	4.260	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	26530	4.113	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	2305	3.476	ug/L	90
69) 1,3,5-Trichlorobenzene	14.501	180	20677	4.307	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	16411	4.113	ug/L	97
71) Naphthalene	15.239	128	30192	3.200	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	14444	4.013	ug/L	97

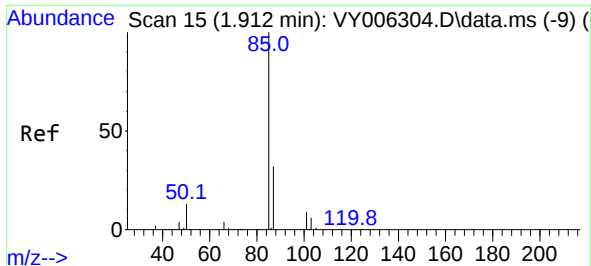
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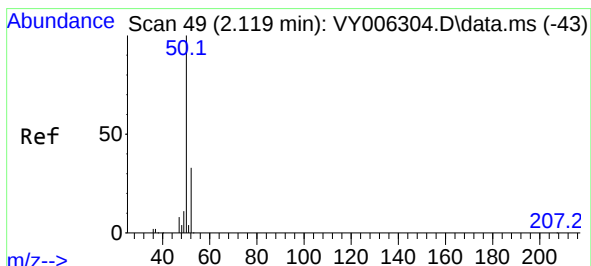
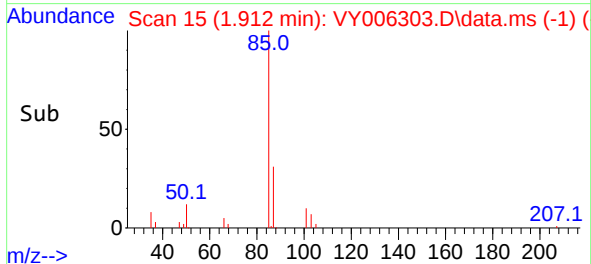
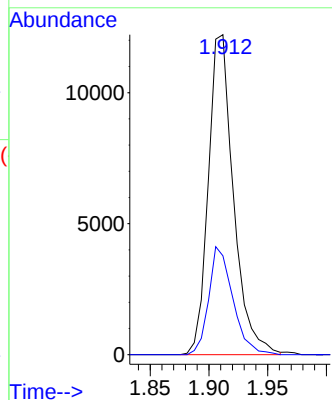
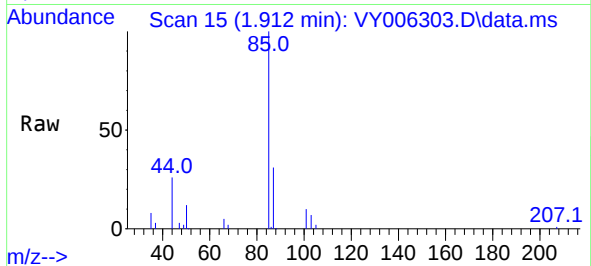




#2
Dichlorodifluoromethane
Concen: 4.951 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

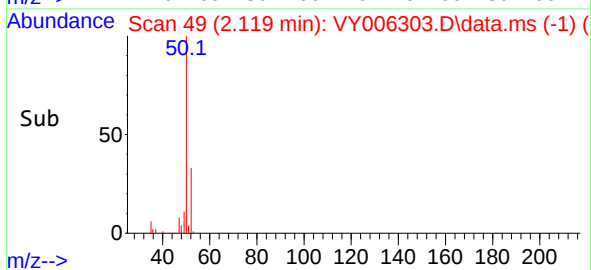
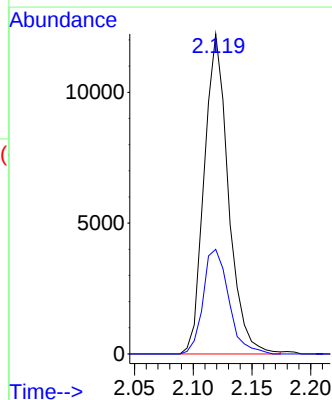
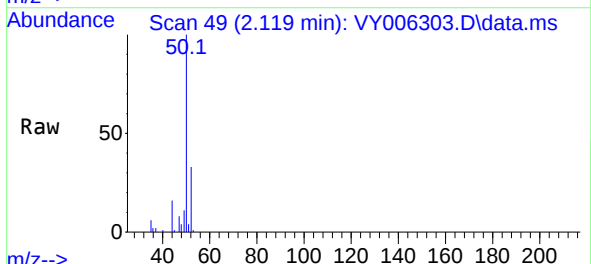
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

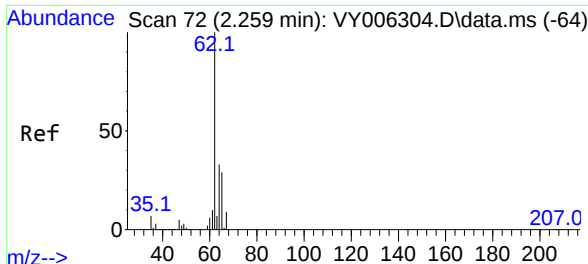
Tgt Ion: 85 Resp: 18251
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2



#3
Chloromethane
Concen: 4.258 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 50 Resp: 17534
Ion Ratio Lower Upper
50 100
52 32.7 21.8 40.4

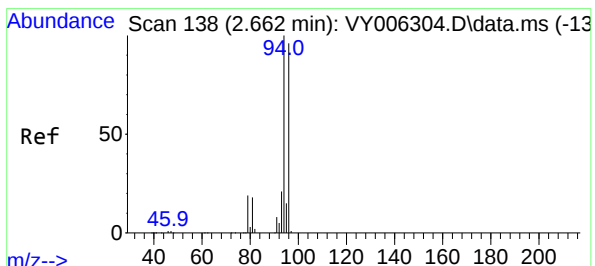
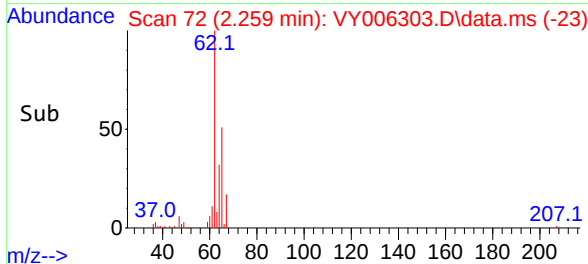
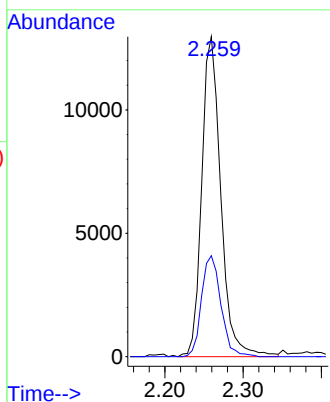
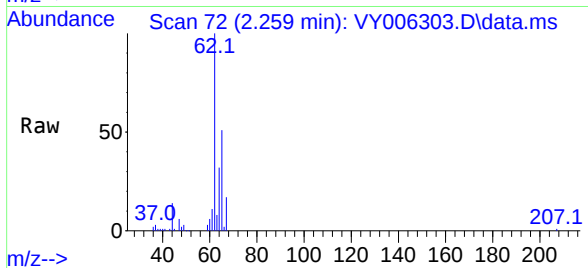




#5
 Vinyl chloride
 Concen: 4.848 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY006303.D
 Acq: 05 Oct 2021 09:22

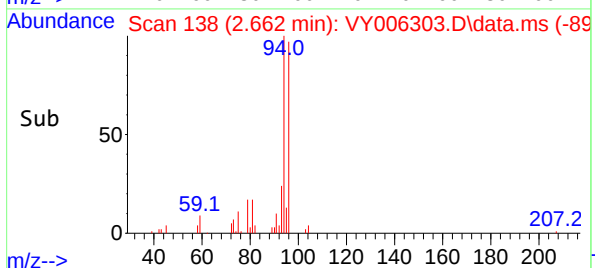
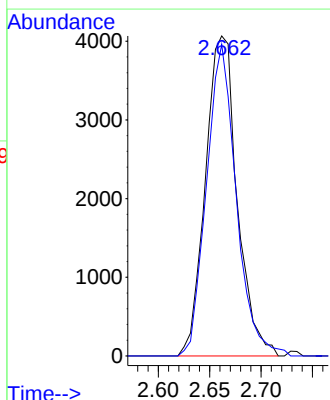
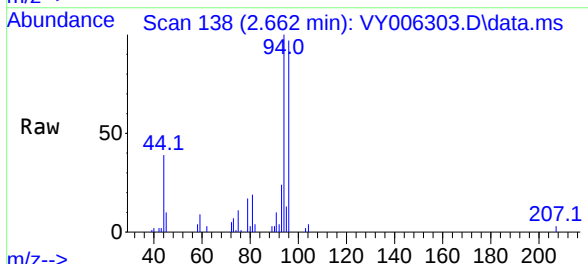
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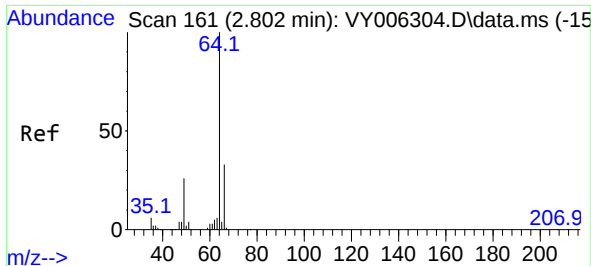
Tgt Ion: 62 Resp: 21917
 Ion Ratio Lower Upper
 62 100
 64 31.5 22.8 42.4



#6
 Bromomethane
 Concen: 4.620 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006303.D
 Acq: 05 Oct 2021 09:22

Tgt Ion: 94 Resp: 8739
 Ion Ratio Lower Upper
 94 100
 96 97.3 65.9 122.5

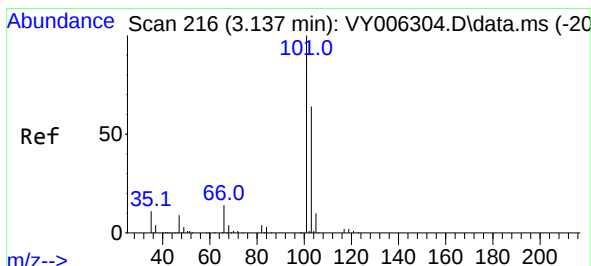
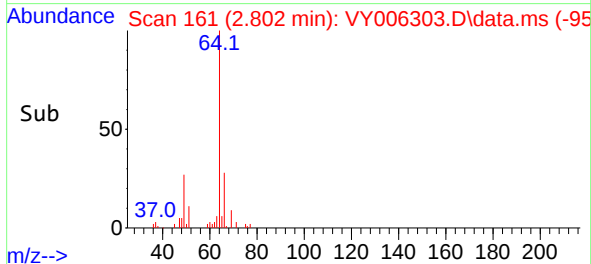
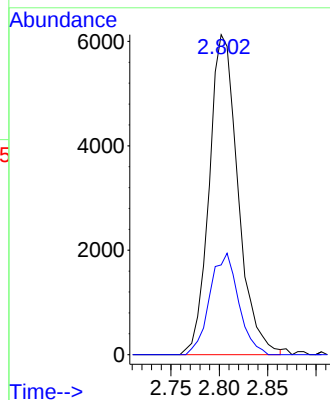
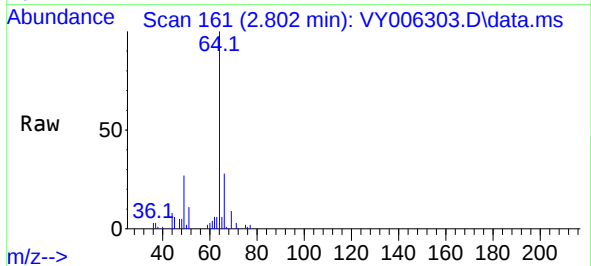




#8
Chloroethane
Concen: 4.845 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

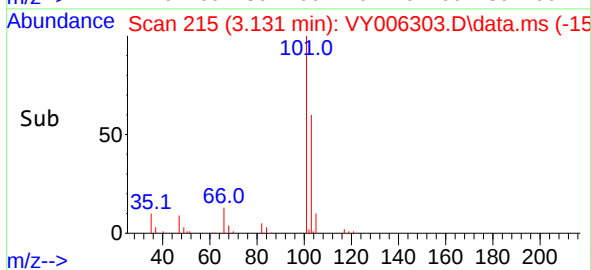
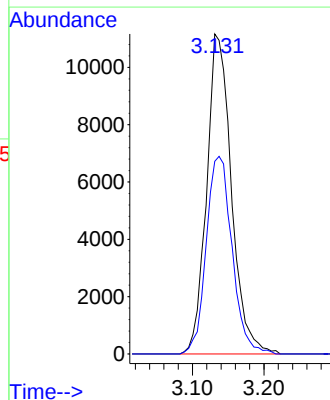
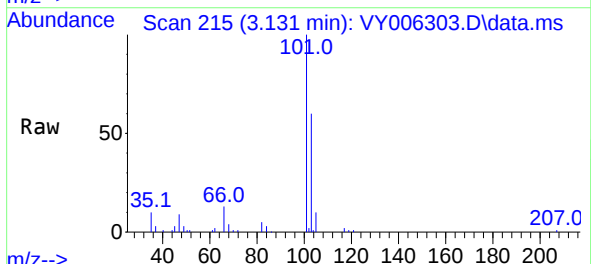
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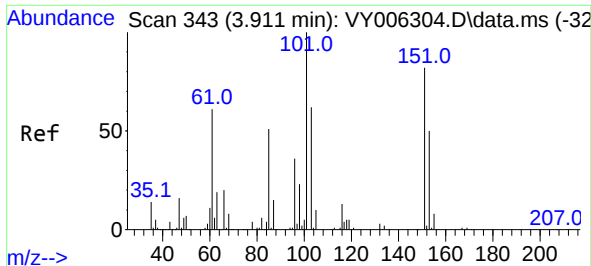
Tgt Ion: 64 Resp: 12715
Ion Ratio Lower Upper
64 100
66 28.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 4.657 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:101 Resp: 26924
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

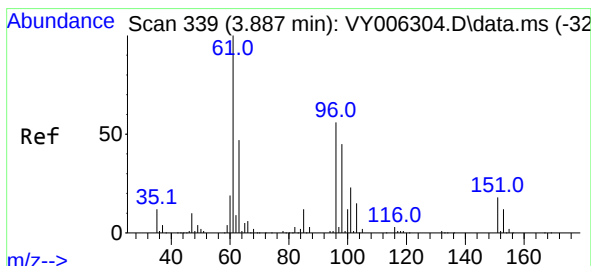
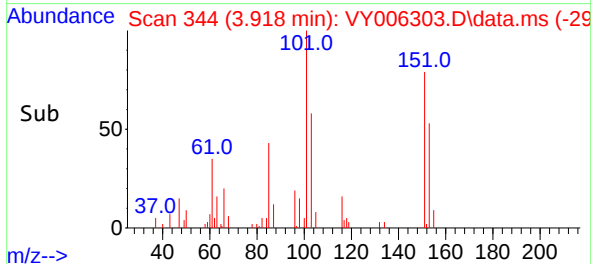
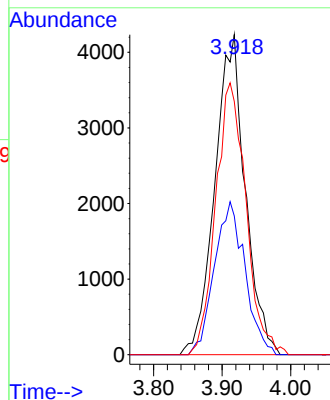
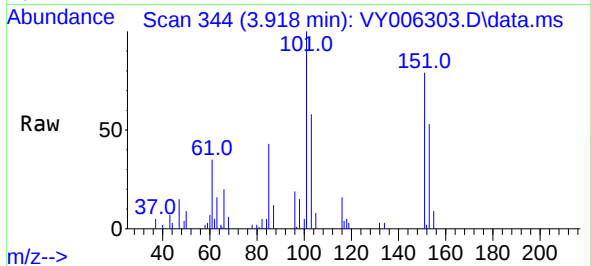




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.039 ug/L
RT: 3.918 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

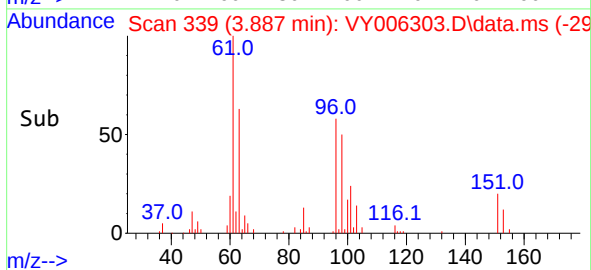
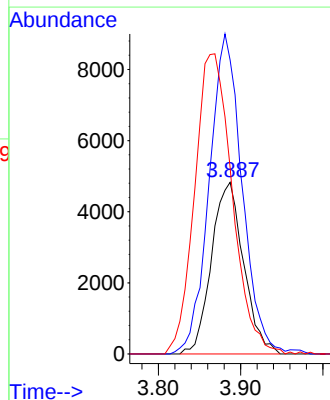
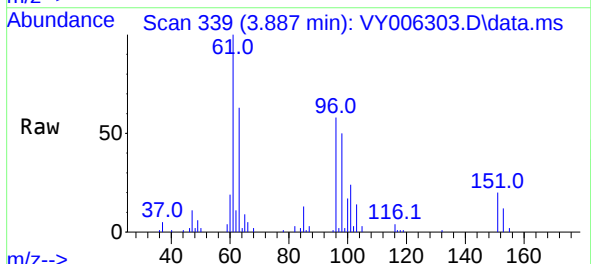
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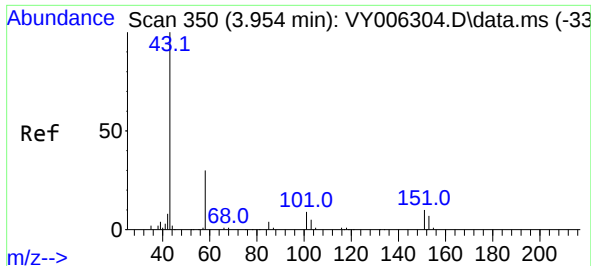
Tgt Ion:101 Resp: 13034
Ion Ratio Lower Upper
101 100
85 48.2 36.6 54.8
151 84.2 59.0 88.4



#12
1,1-Dichloroethene
Concen: 4.300 ug/L
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 96 Resp: 13105
Ion Ratio Lower Upper
96 100
61 171.2 121.2 225.2
63 108.4 86.9 161.3

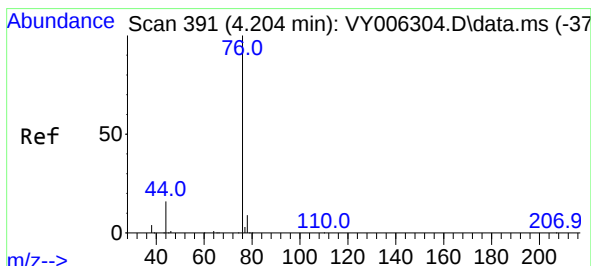
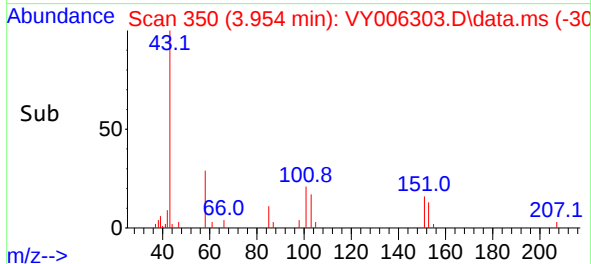
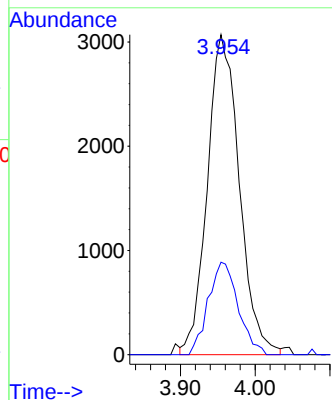
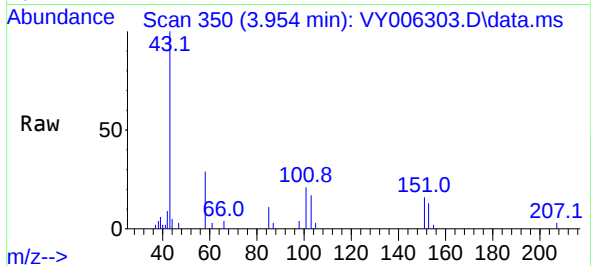




#13
Acetone
Concen: 8.003 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

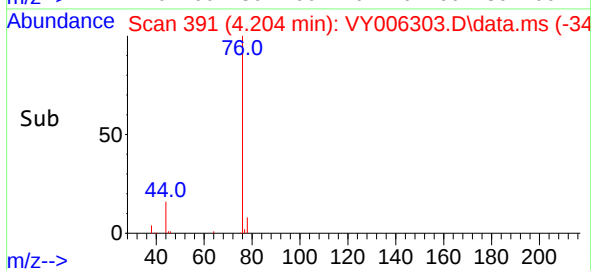
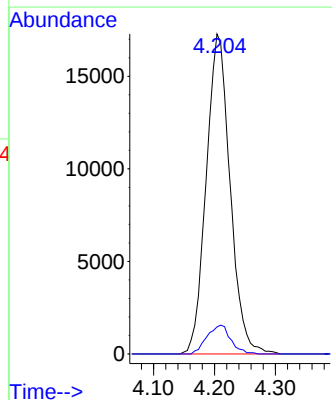
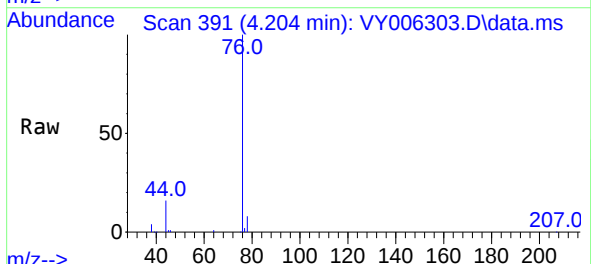
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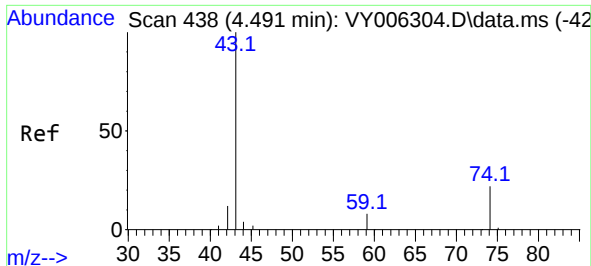
Tgt Ion: 43 Resp: 9130
Ion Ratio Lower Upper
43 100
58 27.0 0.0 61.0



#14
Carbon disulfide
Concen: 4.613 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 47073
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

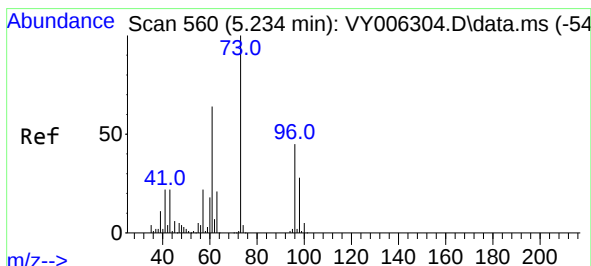
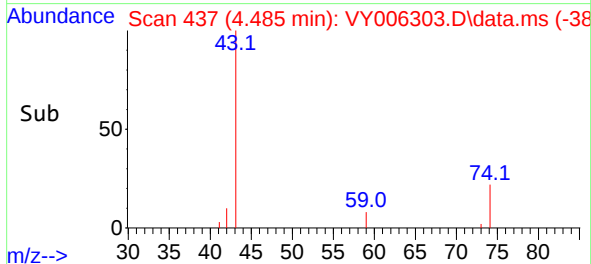
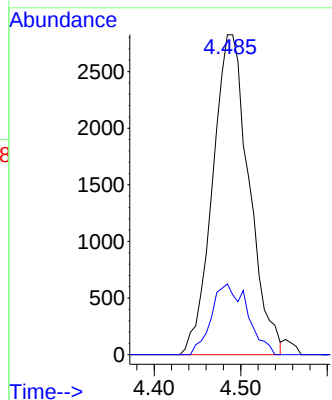
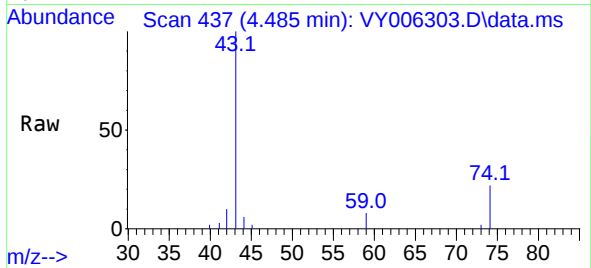




#15
Methyl Acetate
Concen: 3.311 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

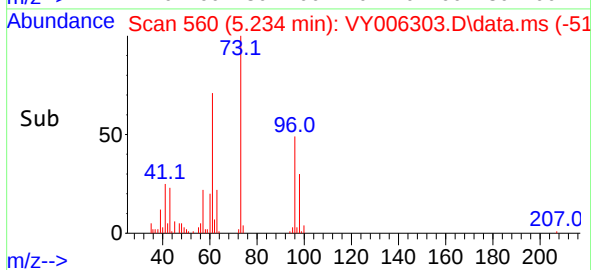
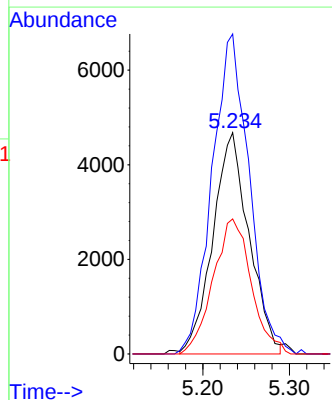
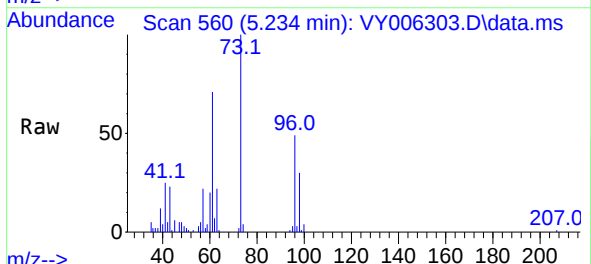
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

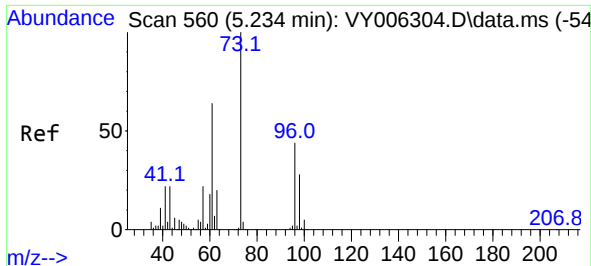
Tgt Ion: 43 Resp: 8243
Ion Ratio Lower Upper
43 100
74 15.5 16.7 25.1#



#17
trans-1,2-Dichloroethene
Concen: 4.074 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 96 Resp: 13572
Ion Ratio Lower Upper
96 100
61 144.6 97.6 181.2
98 61.1 44.8 83.2

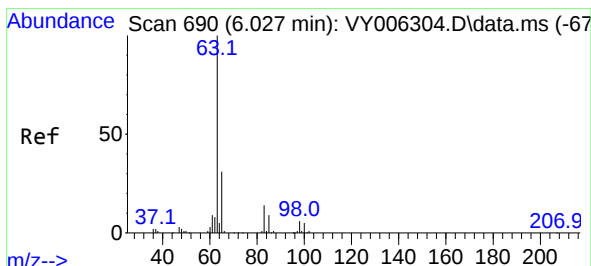
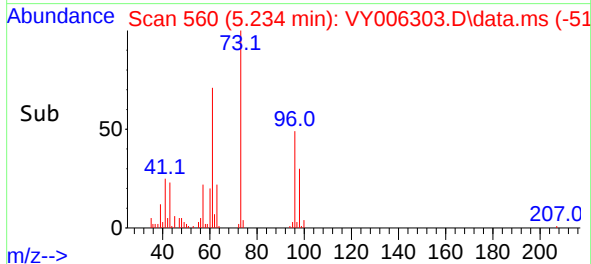
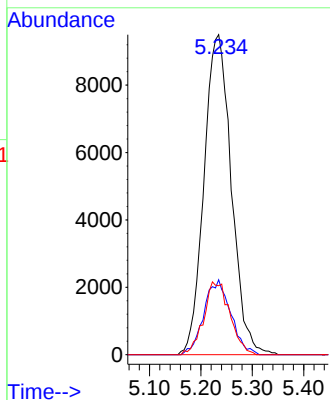
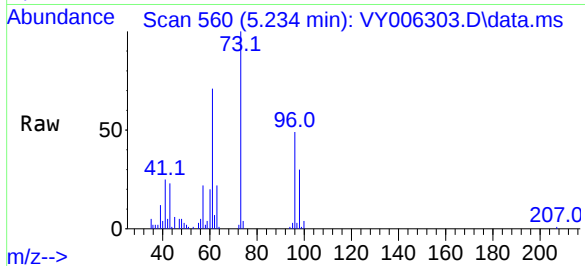




#18
Methyl tert-butyl Ether
Concen: 3.780 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

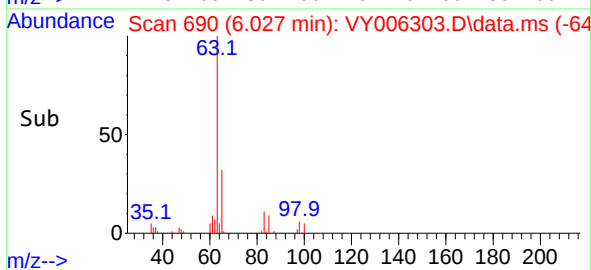
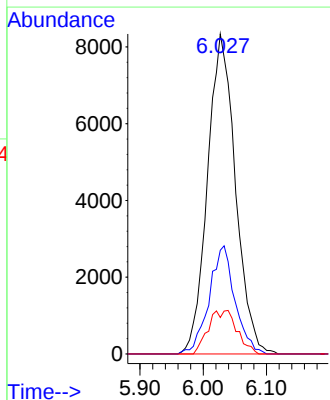
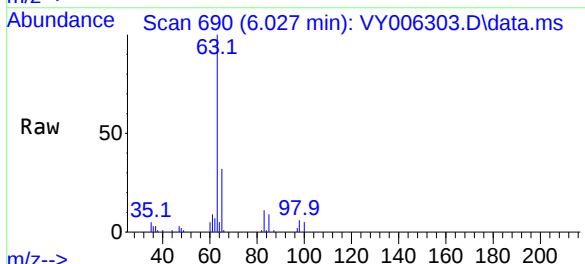
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

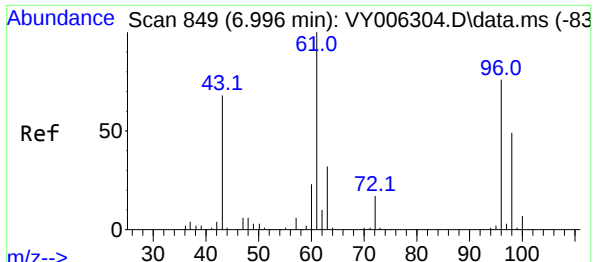
Tgt Ion: 73 Resp: 35103
Ion Ratio Lower Upper
73 100
43 11.1 16.8 25.2#
57 13.0 18.7 28.1#



#19
1,1-Dichloroethane
Concen: 4.140 ug/L
RT: 6.027 min Scan# 690
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 63 Resp: 25563
Ion Ratio Lower Upper
63 100
65 32.4 22.4 41.6
83 11.4 9.5 17.7

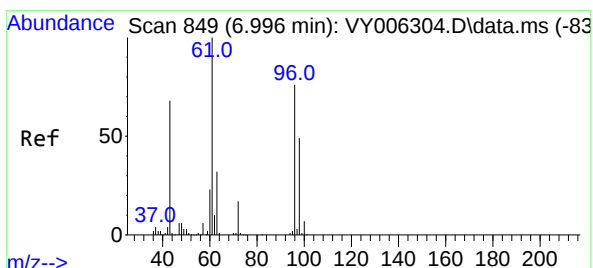
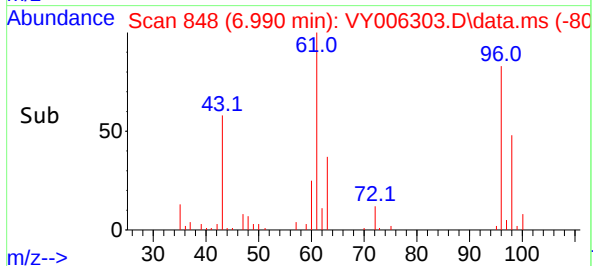
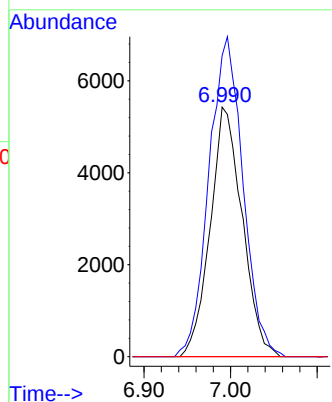
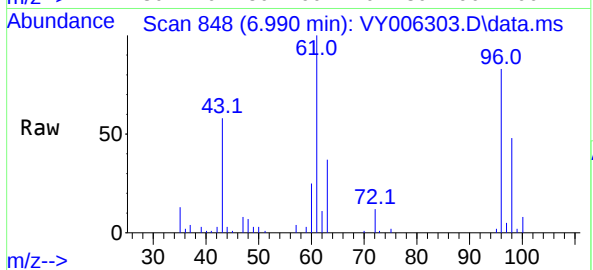




#20
cis-1,2-Dichloroethene
Concen: 3.935 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

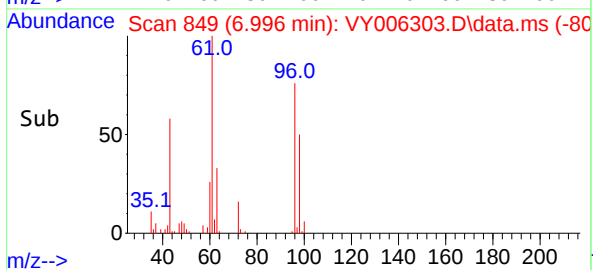
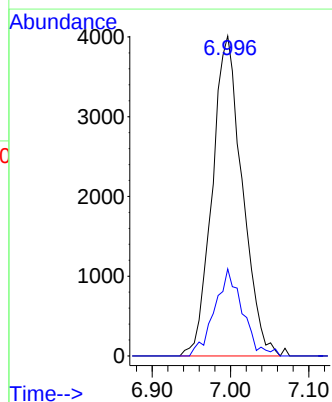
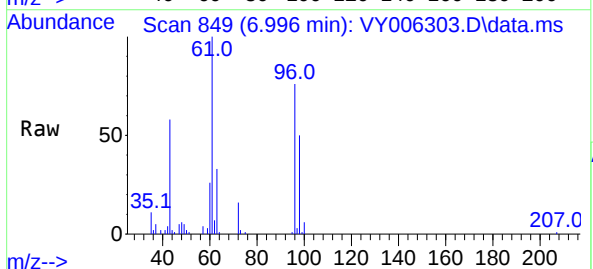
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

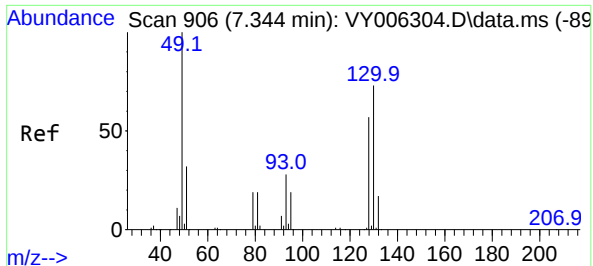
Tgt Ion: 96 Resp: 13951
Ion Ratio Lower Upper
96 100
61 120.7 94.8 176.2
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 6.399 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 43 Resp: 10675
Ion Ratio Lower Upper
43 100
72 22.9 12.2 36.6

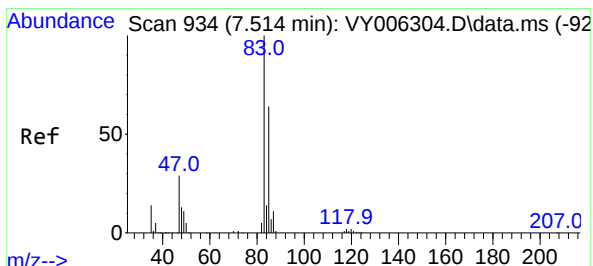
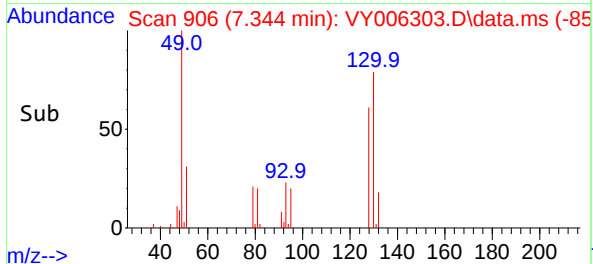
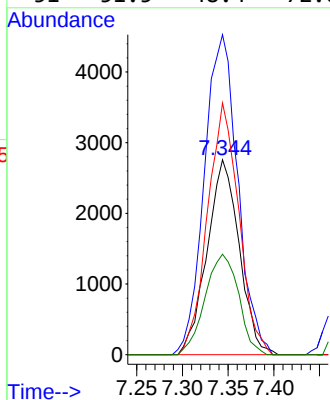
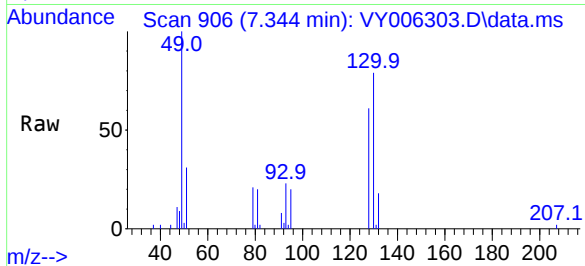




#23
Bromochloromethane
Concen: 4.114 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

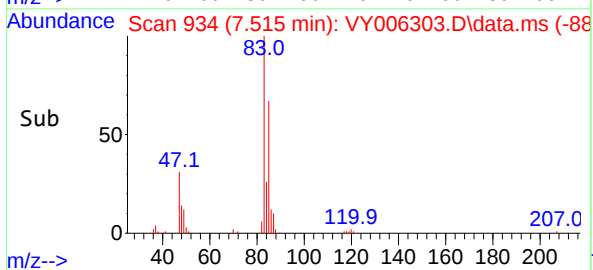
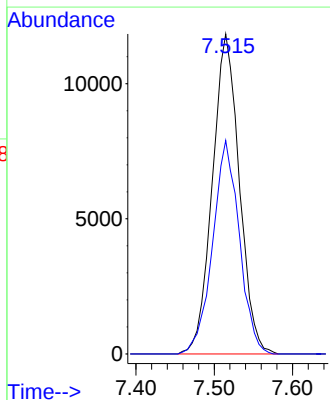
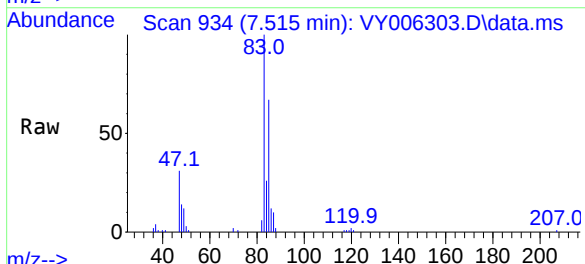
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

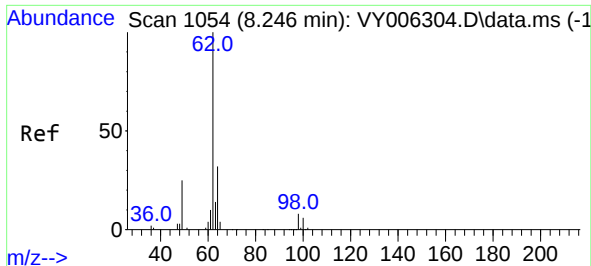
Tgt Ion:128 Resp: 6752
Ion Ratio Lower Upper
128 100
49 164.2 138.9 258.1
130 129.2 88.3 164.1
51 51.5 48.4 72.6



#25
Chloroform
Concen: 4.402 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 83 Resp: 28289
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.4

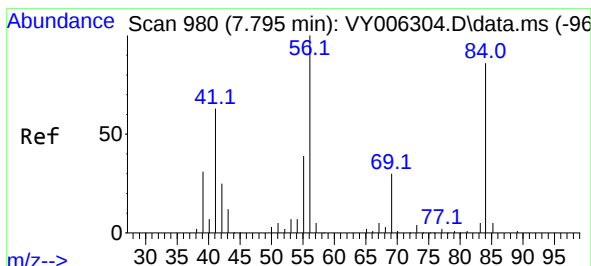
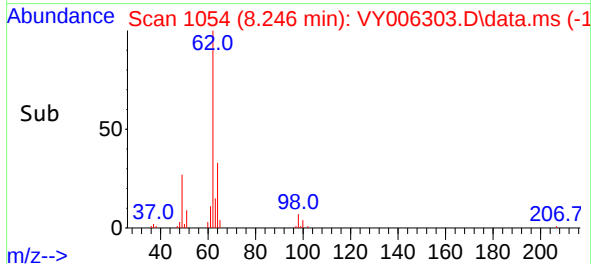
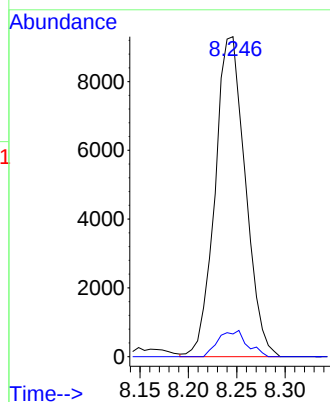
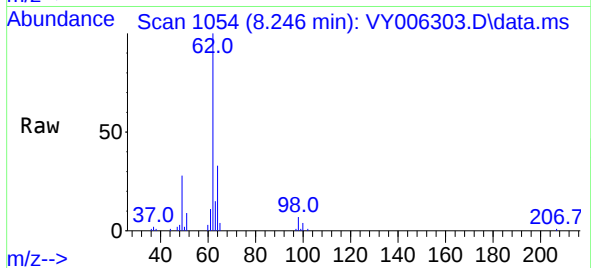




#27
1,2-Dichloroethane
Concen: 4.460 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

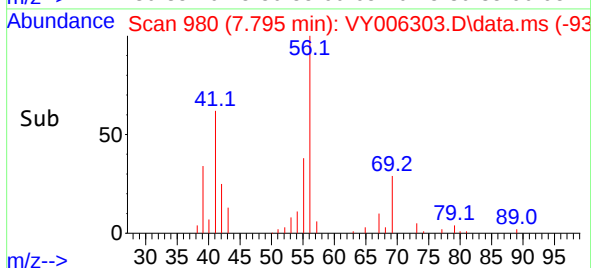
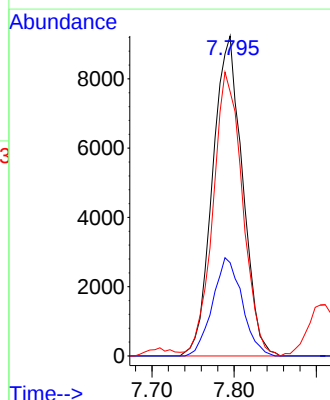
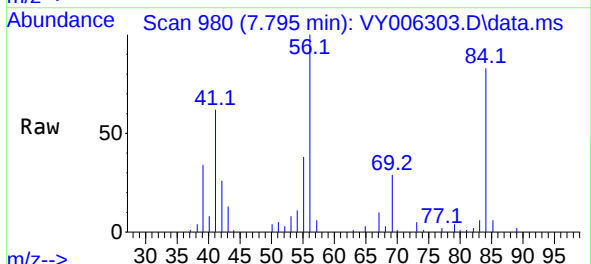
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

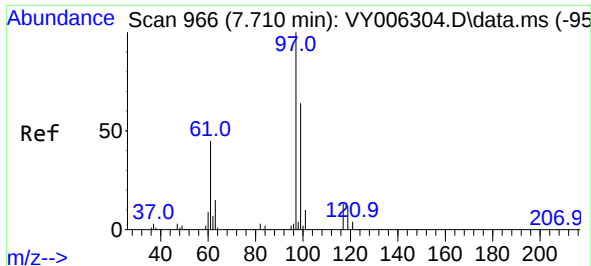
Tgt Ion: 62 Resp: 20285
Ion Ratio Lower Upper
62 100
98 7.1 7.5 11.3#



#29
Cyclohexane
Concen: 3.905 ug/L
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 56 Resp: 23304
Ion Ratio Lower Upper
56 100
69 30.4 22.6 33.8
84 87.9 66.1 99.1



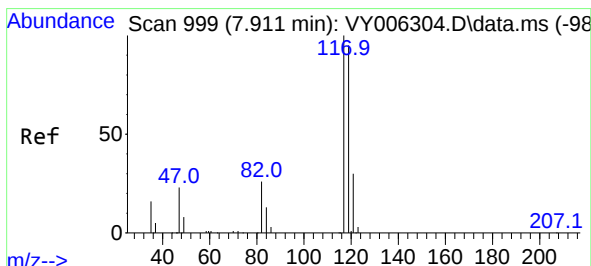
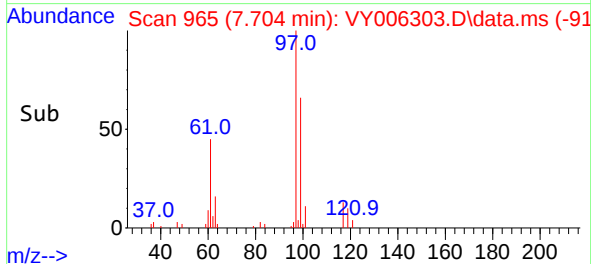
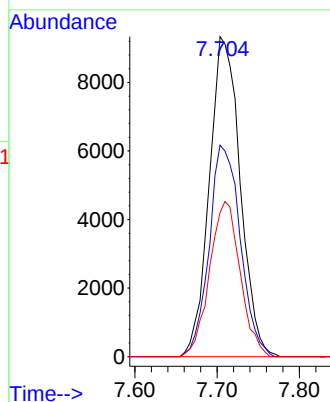
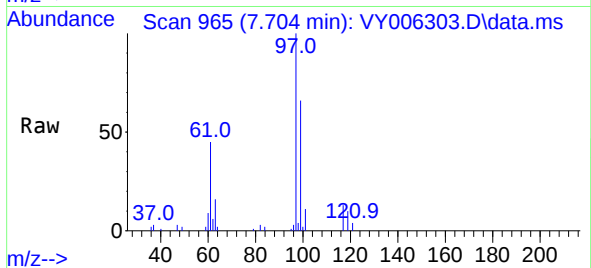


#30

1,1,1-Trichloroethane
Concen: 4.381 ug/L
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

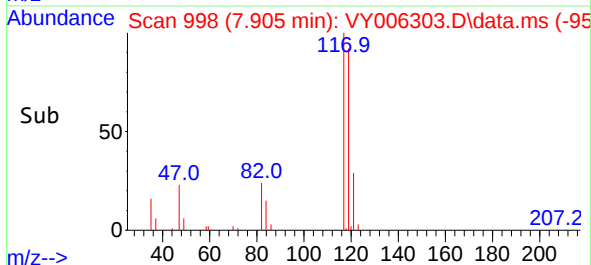
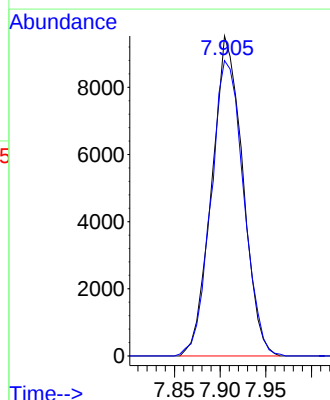
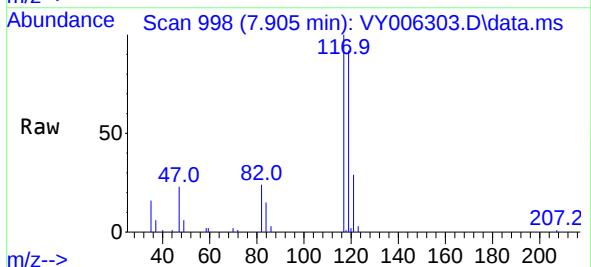
Tgt Ion:	97	Resp:	24333
Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.8	77.6
61	48.0	37.3	55.9

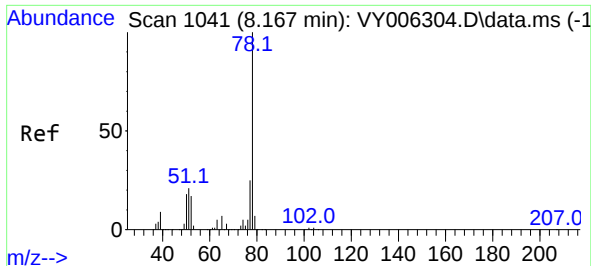


#31

Carbon tetrachloride
Concen: 4.896 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:	117	Resp:	22419
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.2

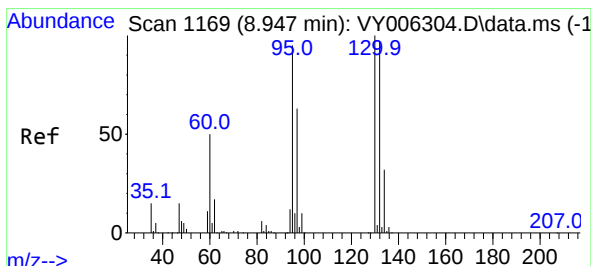
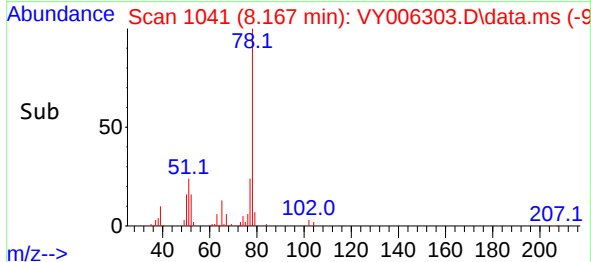
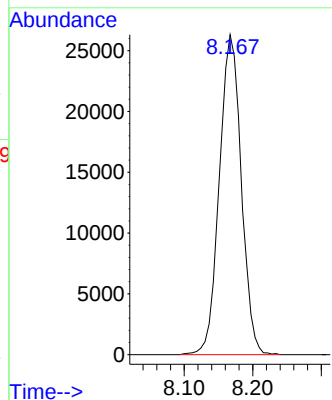
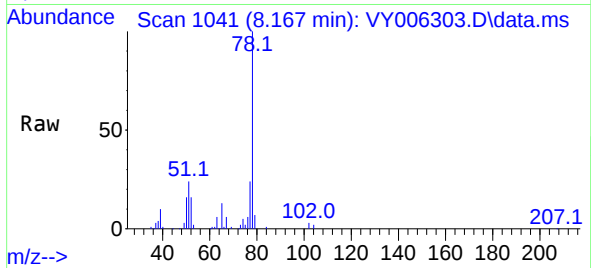




#33
Benzene
Concen: 4.156 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Instrument :
MSVOA_Y
ClientSampled :
VSTD005815

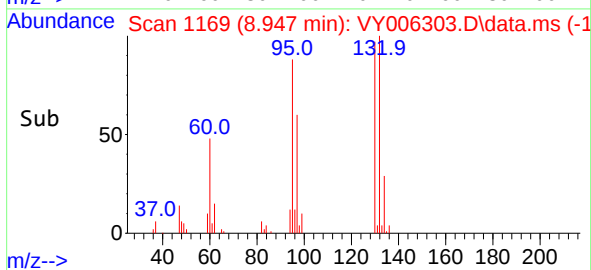
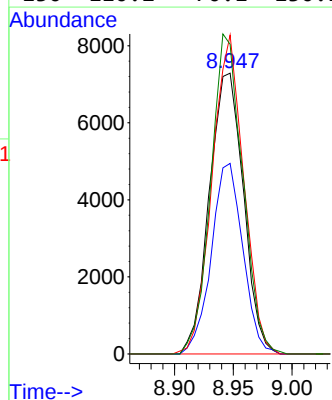
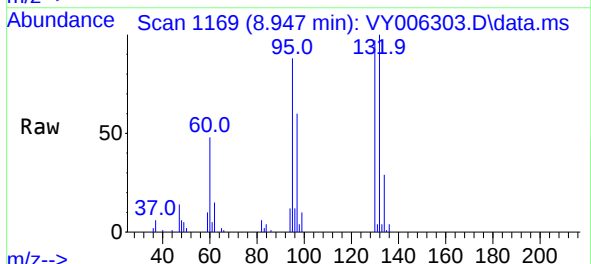
Tgt Ion: 78 Resp: 58436

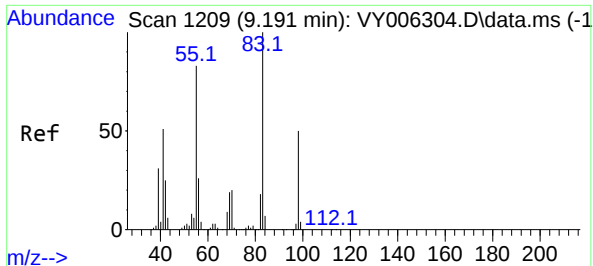


#34
Trichloroethene
Concen: 4.118 ug/L
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 95 Resp: 14664

Ion	Ratio	Lower	Upper
95	100		
97	67.9	44.2	82.2
132	113.5	66.8	124.0
130	110.2	70.1	130.1

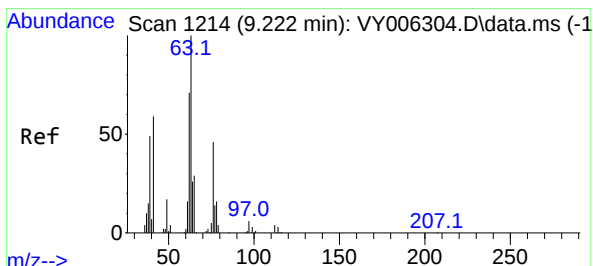
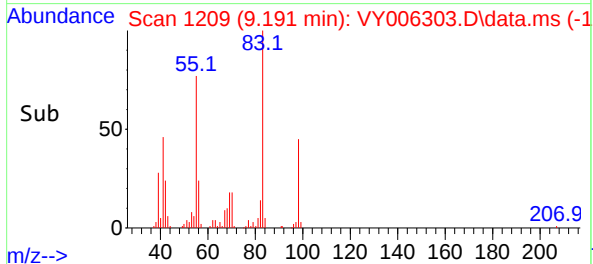
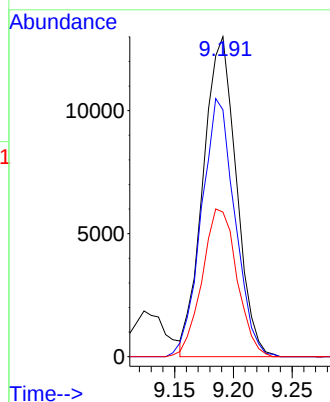
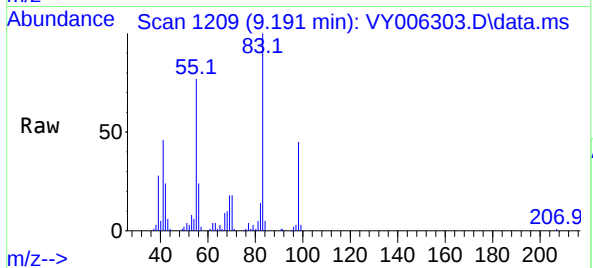




#35
Methylcyclohexane
Concen: 4.195 ug/L
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

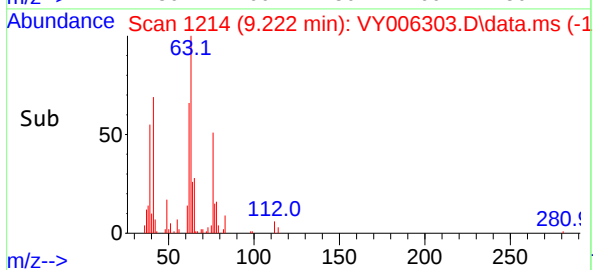
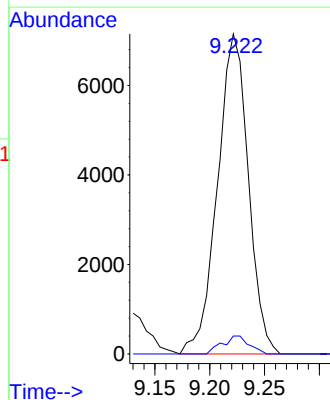
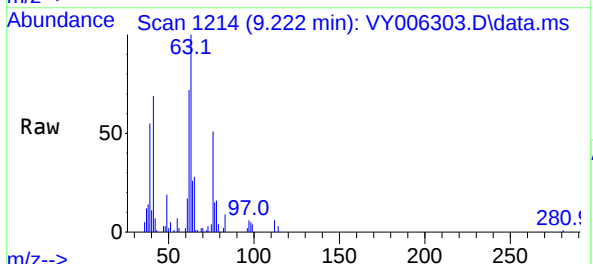
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

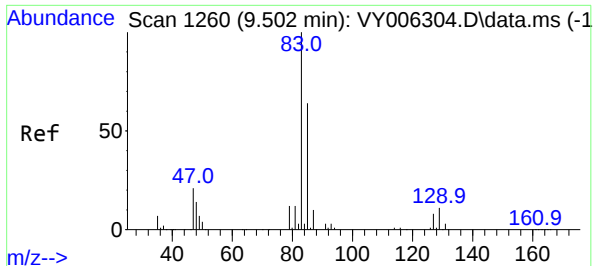
Tgt Ion:	83	Resp:	25535
Ion	Ratio	Lower	Upper
83	100		
55	81.6	63.9	95.9
98	48.5	38.7	58.1



#37
1,2-Dichloropropane
Concen: 3.880 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:	63	Resp:	14010
Ion	Ratio	Lower	Upper
63	100		
112	4.9	3.1	4.7#

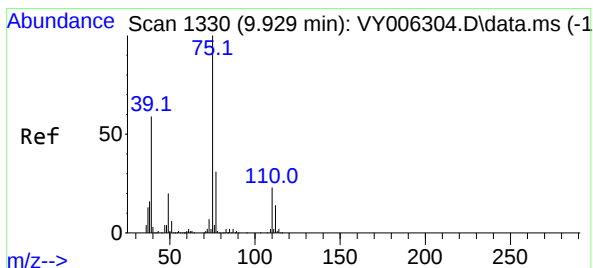
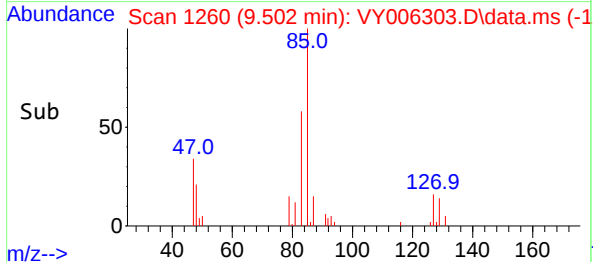
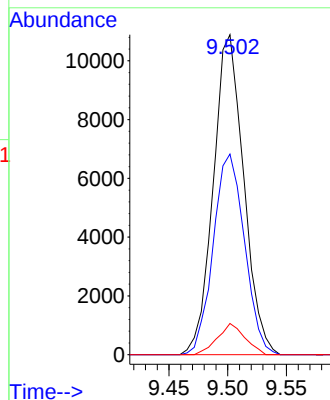
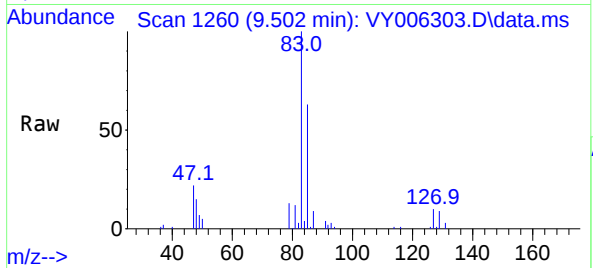




#38
Bromodichloromethane
Concen: 4.234 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

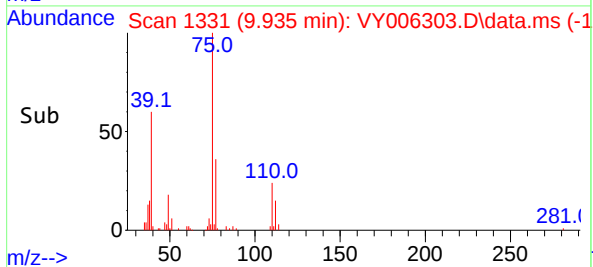
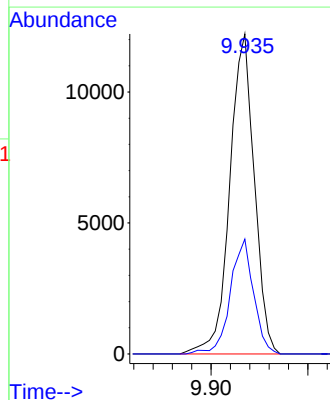
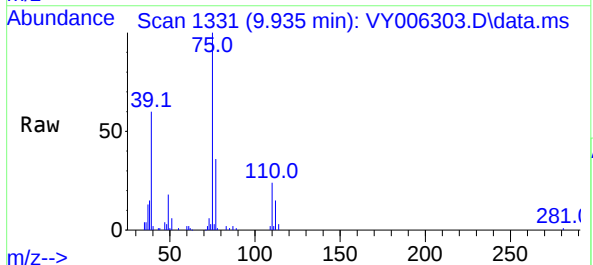
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

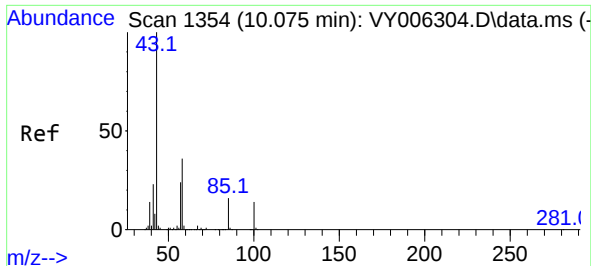
Tgt Ion:	83	Resp:	19630
Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.1	81.9
127	9.7	6.9	10.3



#39
cis-1,3-Dichloropropene
Concen: 3.789 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:	75	Resp:	21552
Ion	Ratio	Lower	Upper
75	100		
77	35.9	22.3	41.3

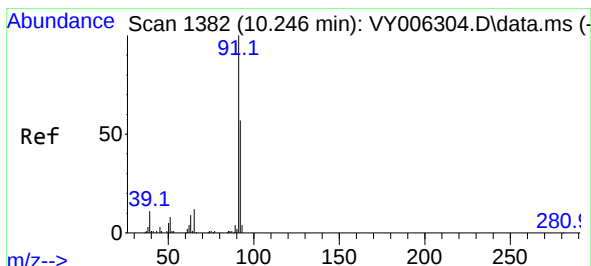
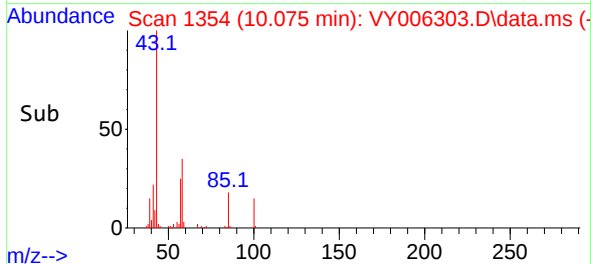
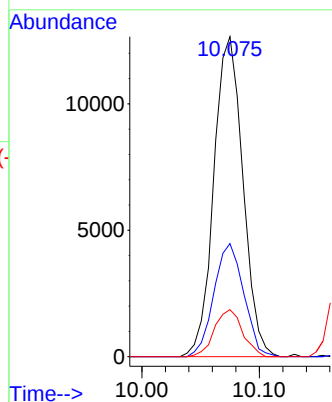
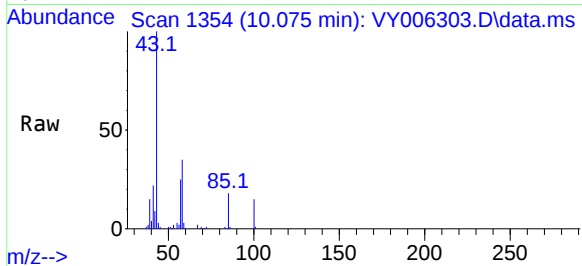




#40
4-Methyl-2-pentanone
Concen: 6.017 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

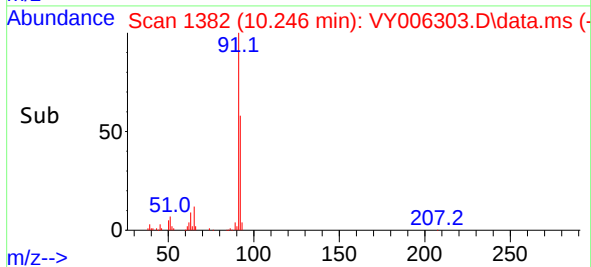
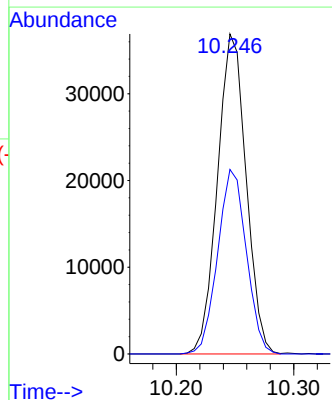
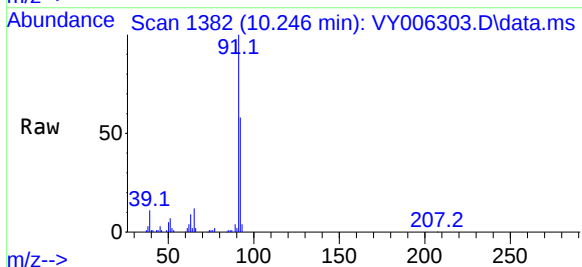
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

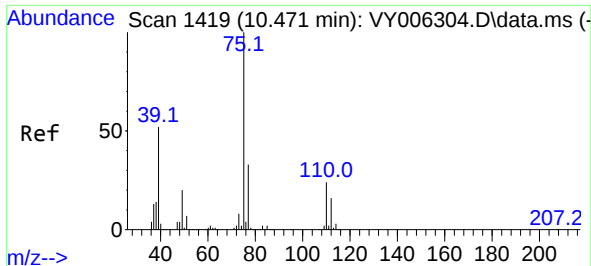
Tgt Ion:	43	Resp:	21756
Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.5	42.7
100	14.2	10.4	15.6



#42
Toluene
Concen: 4.151 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:	91	Resp:	62505
Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.5	75.1

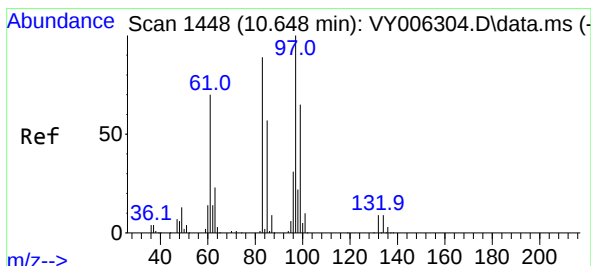
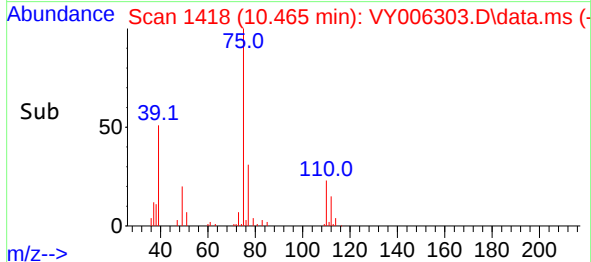
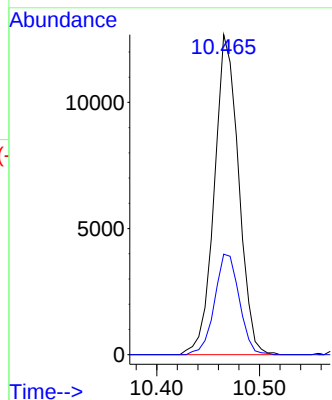
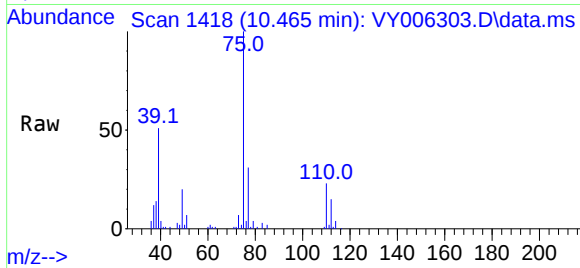




#44
trans-1,3-Dichloropropene
Concen: 3.914 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

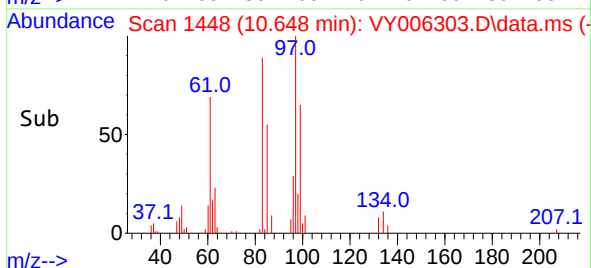
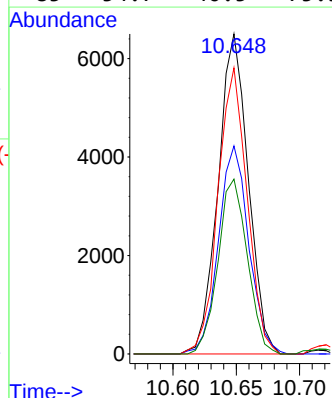
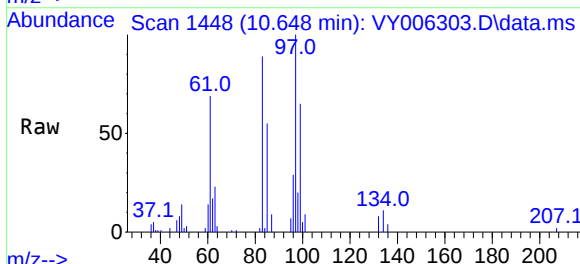
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

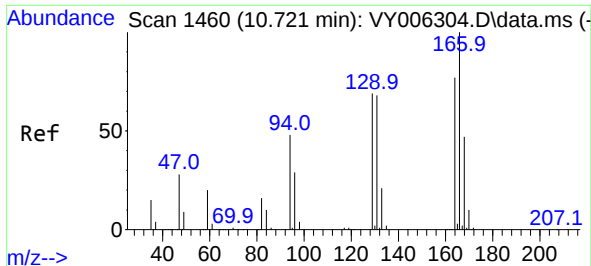
Tgt Ion: 75 Resp: 20799
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 3.862 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 97 Resp: 10754
Ion Ratio Lower Upper
97 100
99 65.0 44.2 82.0
83 89.4 61.1 113.5
85 54.7 40.5 75.3



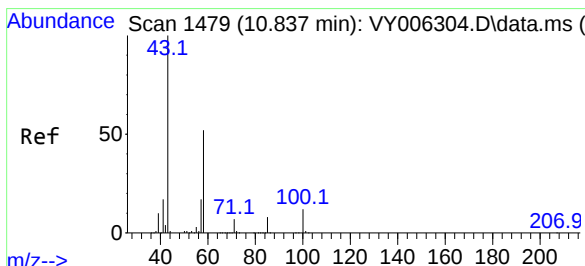
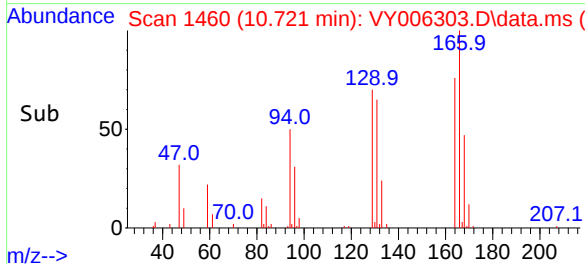
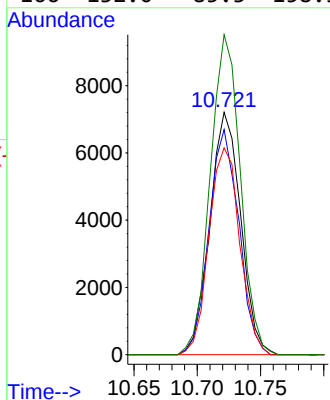
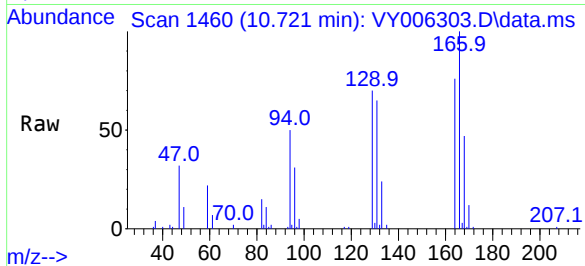


#46
Tetrachloroethene
Concen: 4.389 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

Tgt Ion:164 Resp: 12206

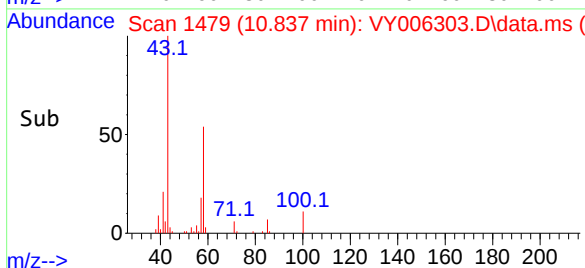
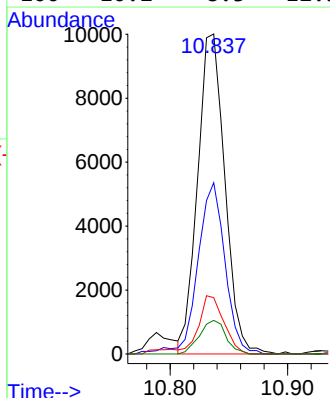
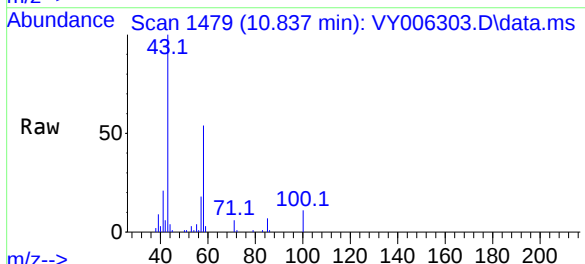
Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.9	122.3
131	85.3	61.9	115.1
166	132.0	85.3	158.3

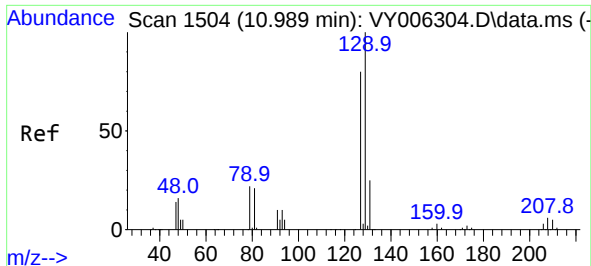


#48
2-Hexanone
Concen: 6.373 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 43 Resp: 16165

Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.1	61.7
57	16.6	13.8	20.6
100	10.2	8.3	12.5

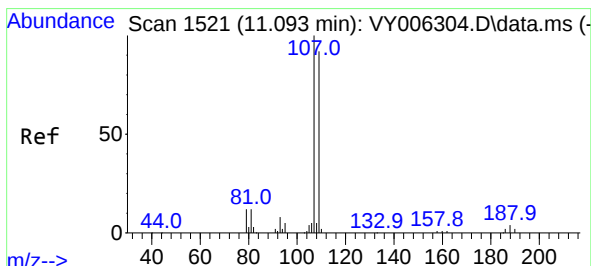
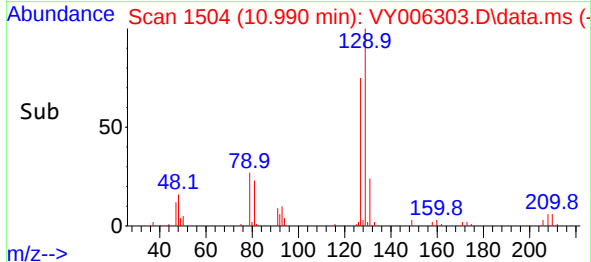
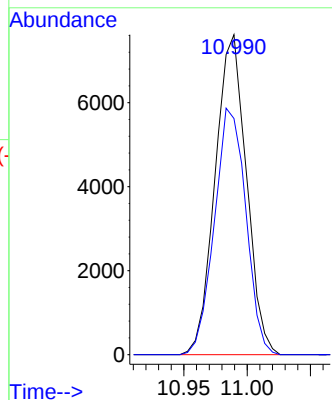
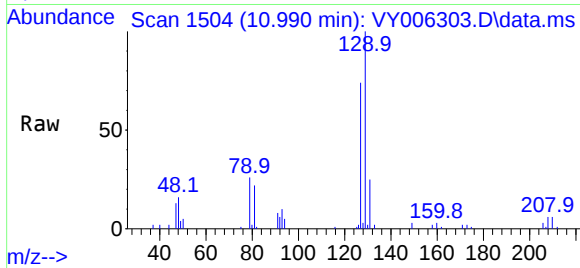




#49
Dibromochloromethane
Concen: 4.032 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

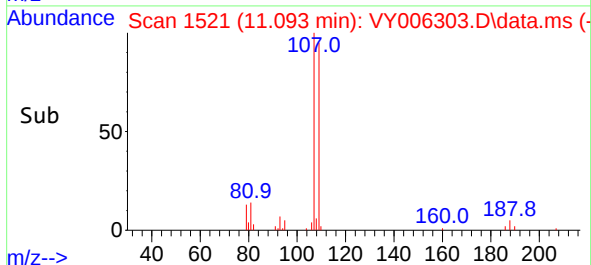
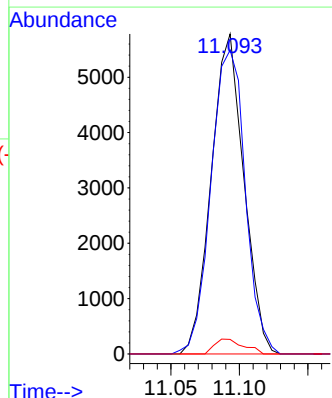
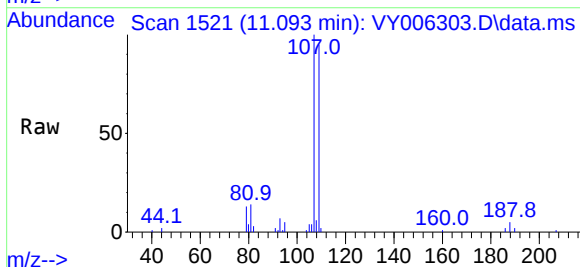
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

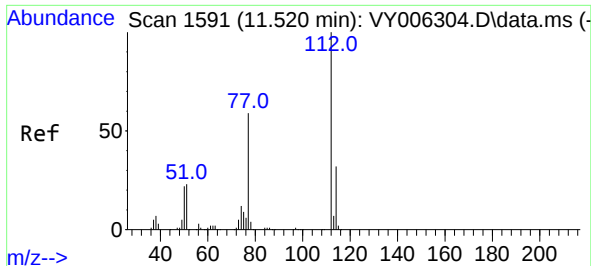
Tgt Ion:129 Resp: 13085
Ion Ratio Lower Upper
129 100
127 73.8 52.8 98.0



#50
1,2-Dibromoethane
Concen: 3.588 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:107 Resp: 9568
Ion Ratio Lower Upper
107 100
109 95.0 65.7 121.9
188 4.5 2.8 4.2#

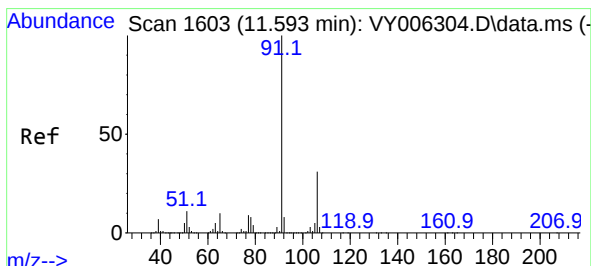
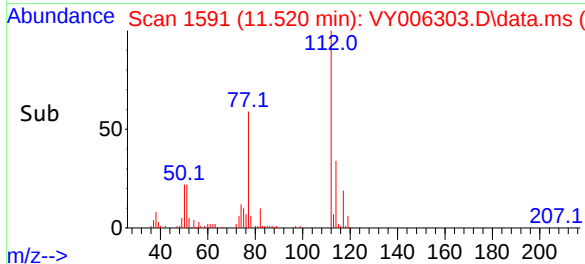
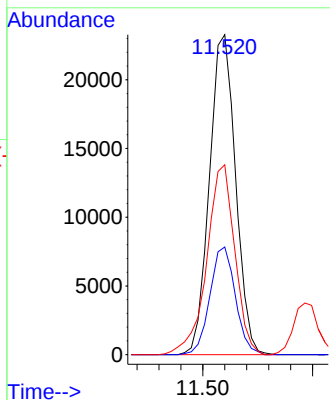
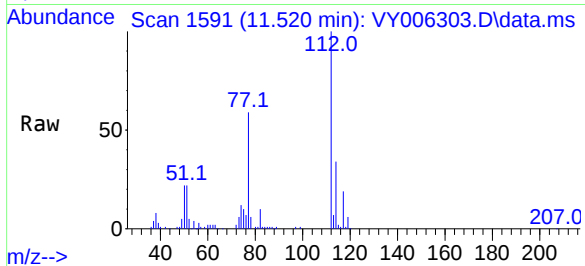




#51
Chlorobenzene
Concen: 4.195 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

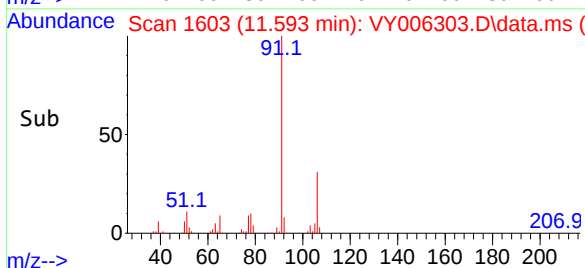
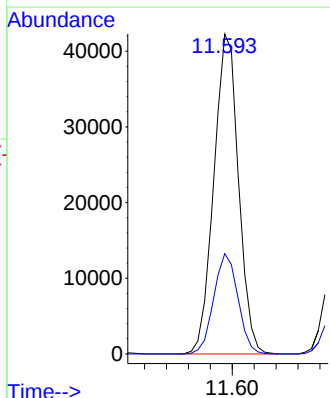
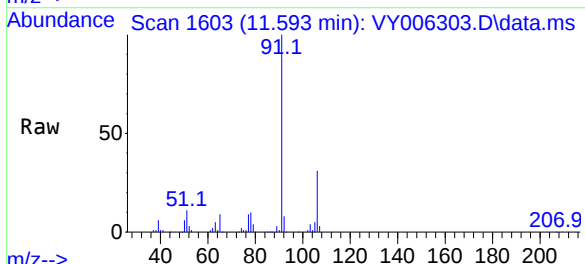
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

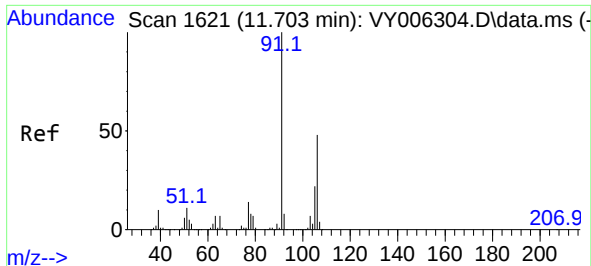
Tgt Ion:	112	Resp:	38637
Ion Ratio	Lower	Upper	
112	100		
114	33.7	22.3	41.5
77	59.4	46.5	69.7



#52
Ethylbenzene
Concen: 4.069 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:	91	Resp:	66068
Ion Ratio	Lower	Upper	
91	100		
106	31.3	21.2	39.4

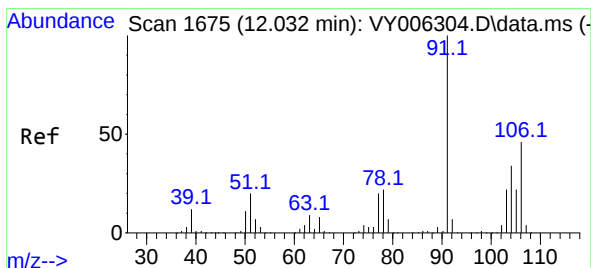
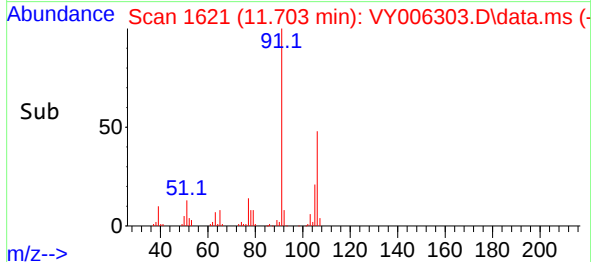
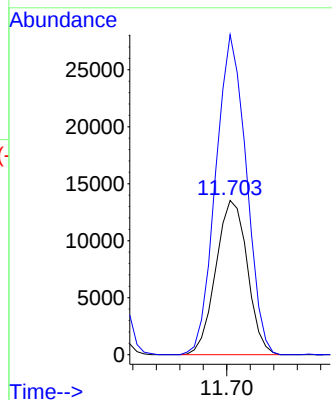
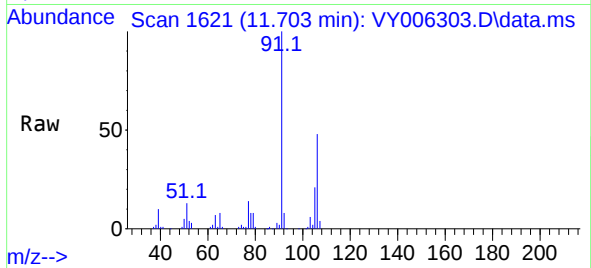




#53
m,p-Xylene
Concen: 4.152 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

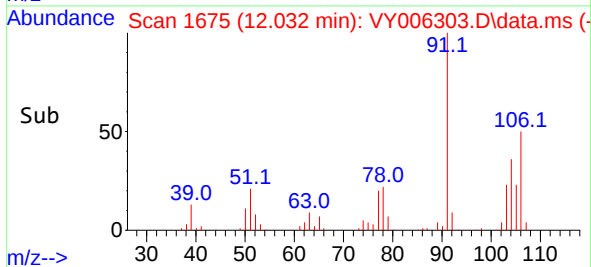
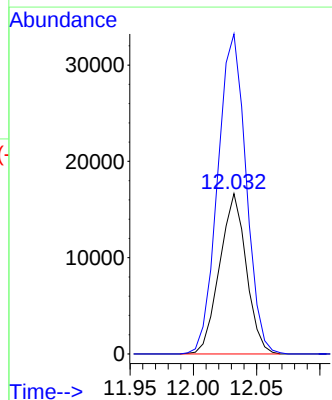
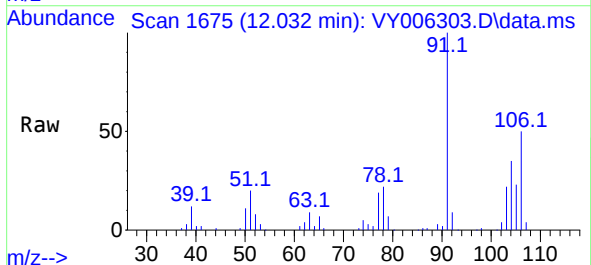
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

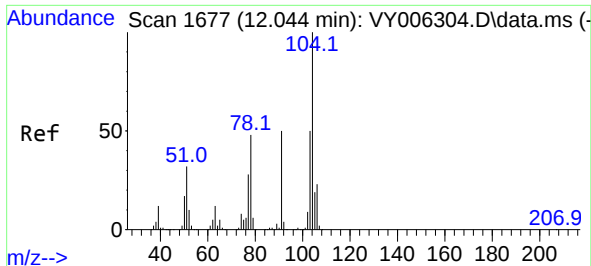
Tgt Ion:106 Resp: 25242
Ion Ratio Lower Upper
106 100
91 207.5 145.7 270.5



#54
o-Xylene
Concen: 4.195 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:106 Resp: 24401
Ion Ratio Lower Upper
106 100
91 199.6 150.6 279.6

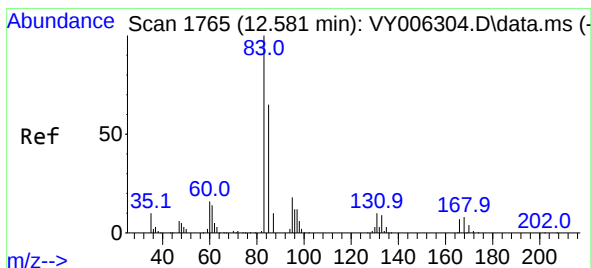
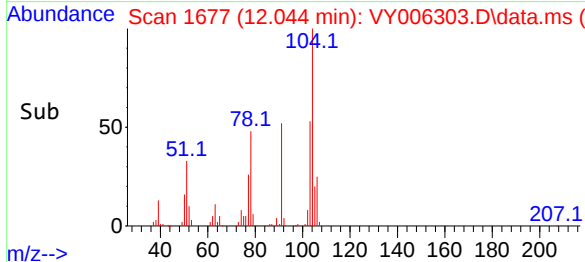
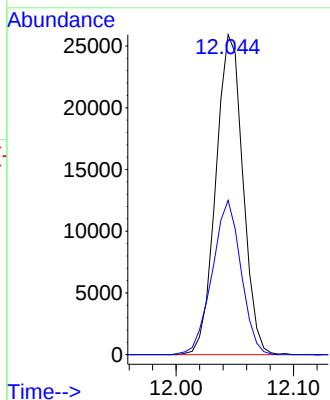
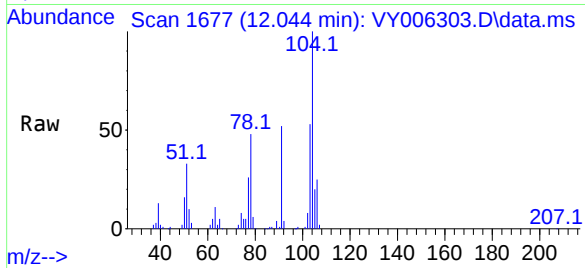




#55
Styrene
Concen: 4.102 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

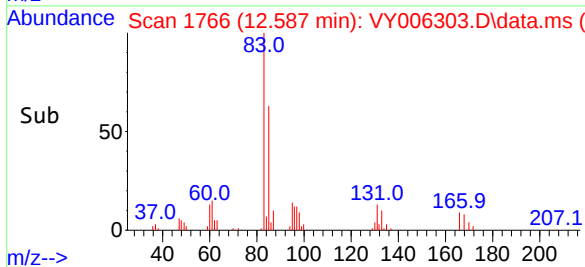
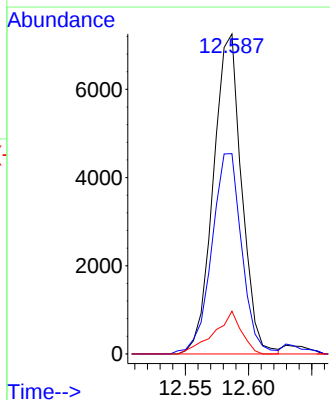
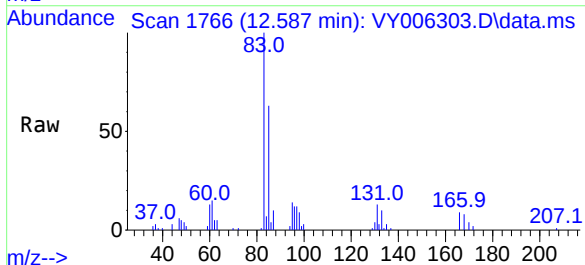
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

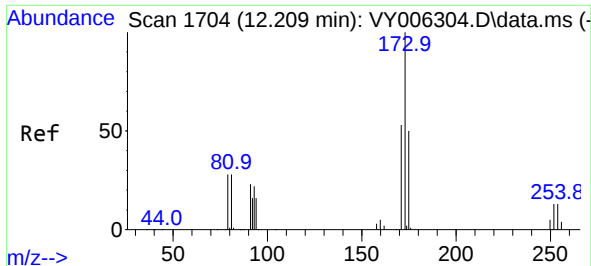
Tgt Ion:104 Resp: 41482
Ion Ratio Lower Upper
104 100
78 48.2 31.8 59.0



#57
1,1,2,2-Tetrachloroethane
Concen: 3.455 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion: 83 Resp: 11294
Ion Ratio Lower Upper
83 100
85 62.6 45.0 83.6
131 13.4 6.9 10.3#

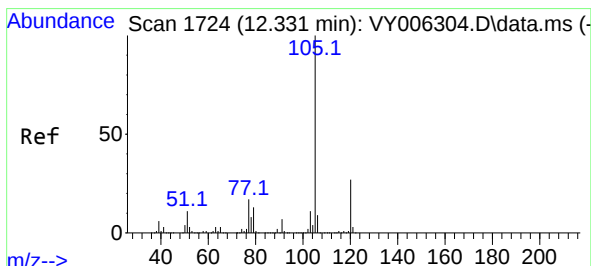
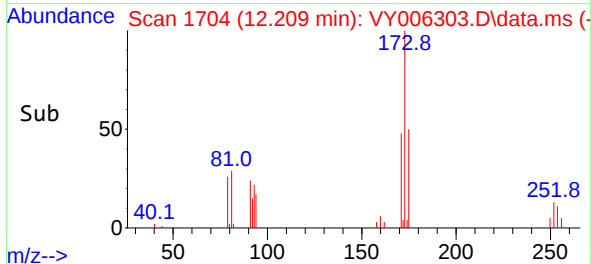
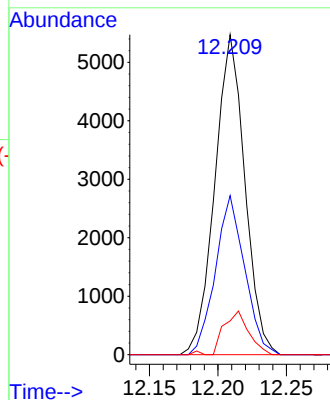
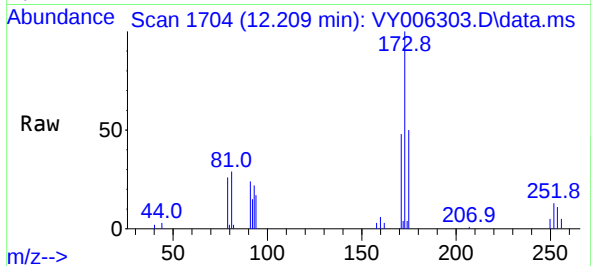




#59
Bromoform
Concen: 3.834 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

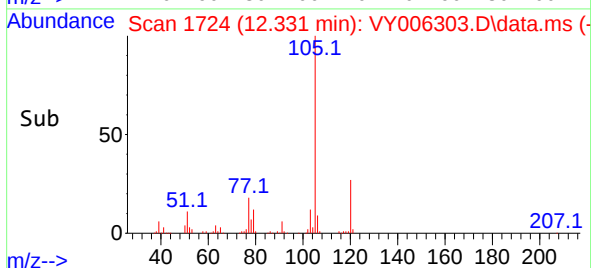
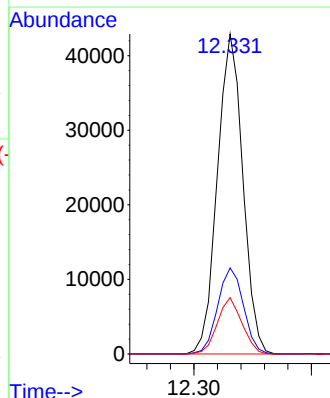
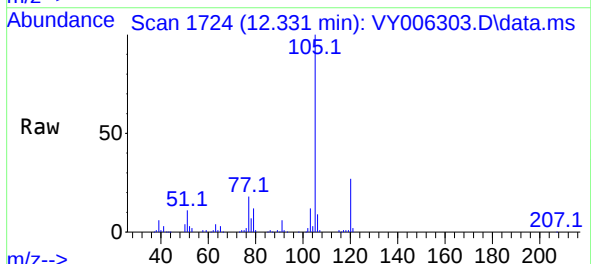
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

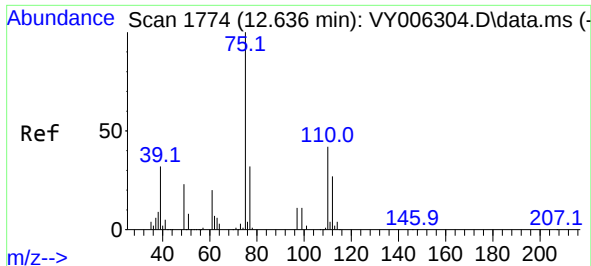
Tgt Ion:173 Resp: 8319
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 11.2 7.3 10.9#



#60
Isopropylbenzene
Concen: 3.955 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:105 Resp: 64557
Ion Ratio Lower Upper
105 100
120 27.2 21.0 31.6
77 17.0 12.7 19.1

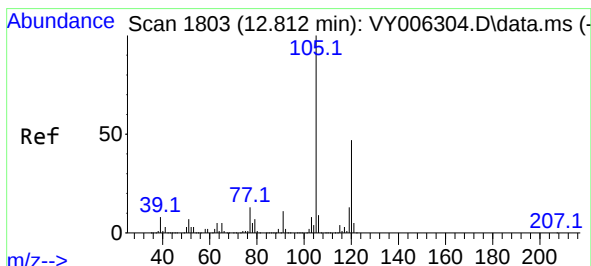
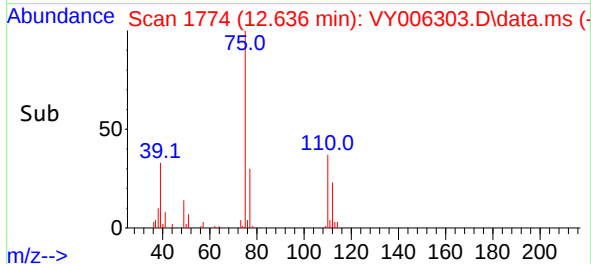
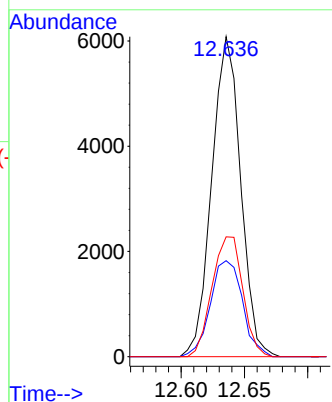
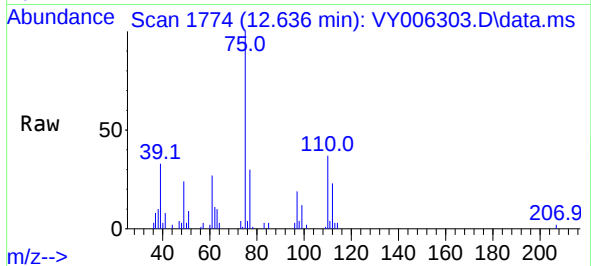




#61
1,2,3-Trichloropropane
Concen: 3.356 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

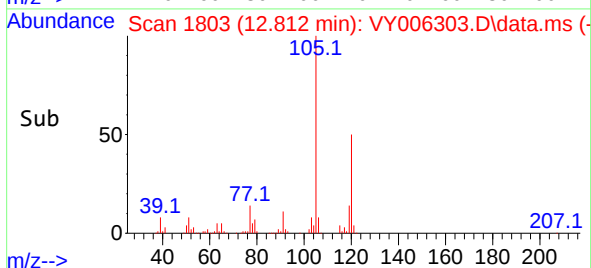
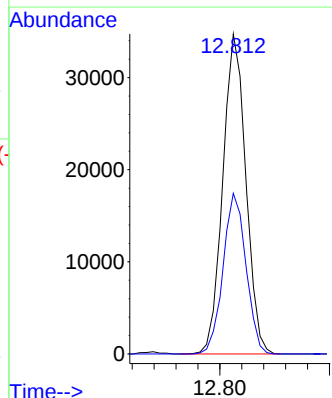
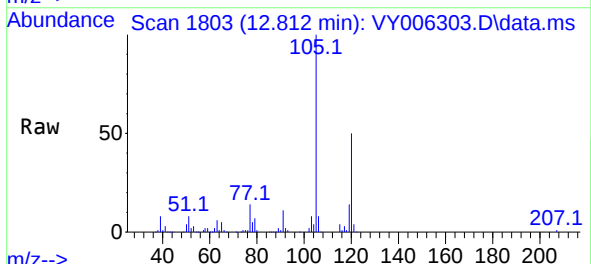
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

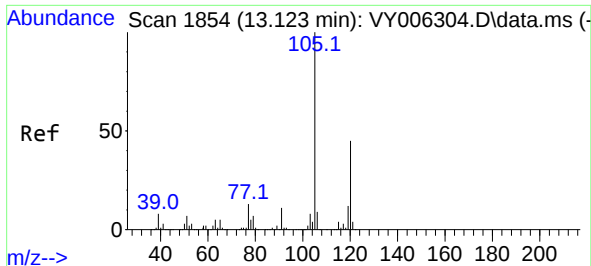
Tgt Ion:	75	Resp:	9650
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.7	38.5
110	39.9	30.8	46.2



#62
1,3,5-Trimethylbenzene
Concen: 3.835 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:	105	Resp:	50683
Ion	Ratio	Lower	Upper
105	100		
120	49.8	38.3	57.5

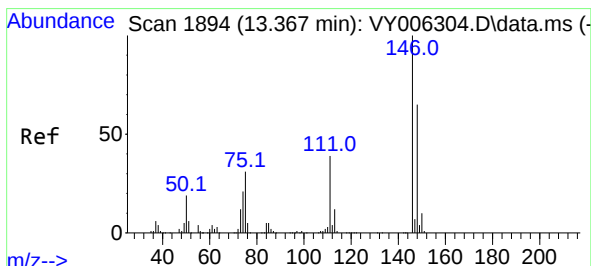
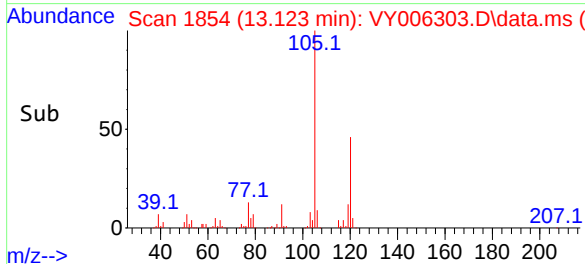
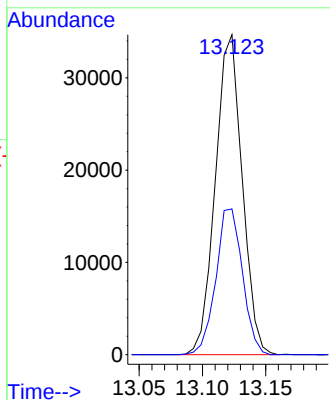
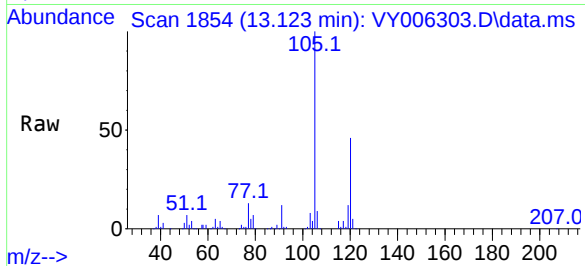




#63
1,2,4-Trimethylbenzene
Concen: 3.885 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

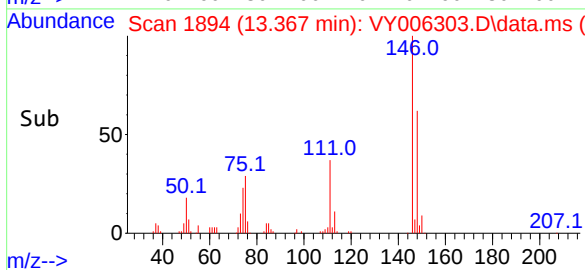
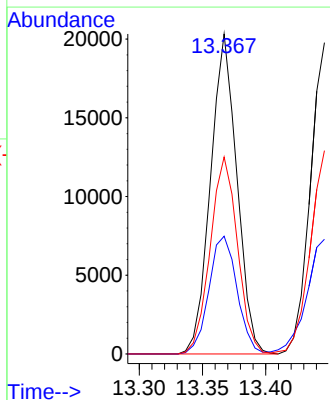
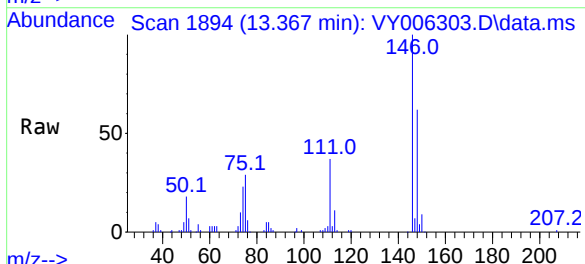
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

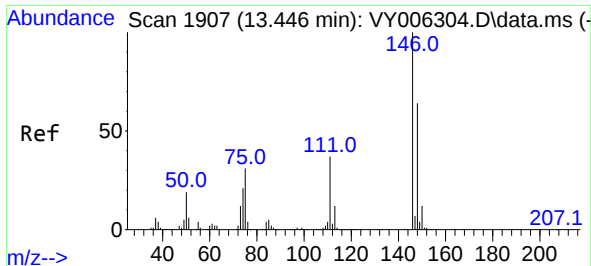
Tgt Ion:105 Resp: 51093
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 4.196 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:146 Resp: 29448
Ion Ratio Lower Upper
146 100
111 36.8 27.4 51.0
148 61.5 45.1 83.7

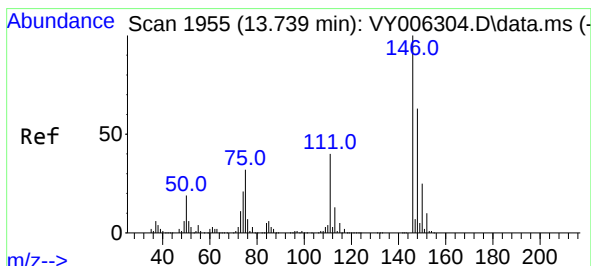
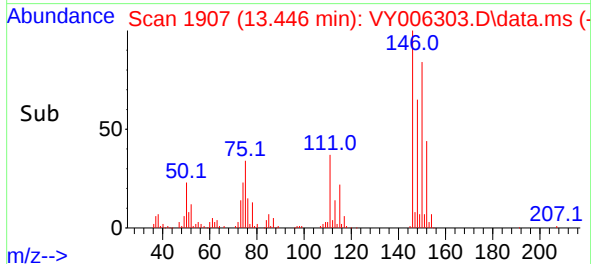
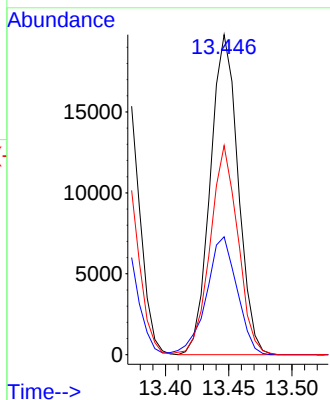
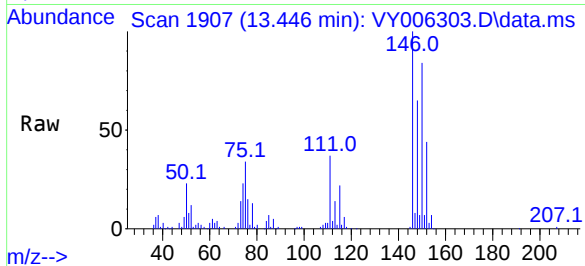




#65
1,4-Dichlorobenzene
Concen: 4.260 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

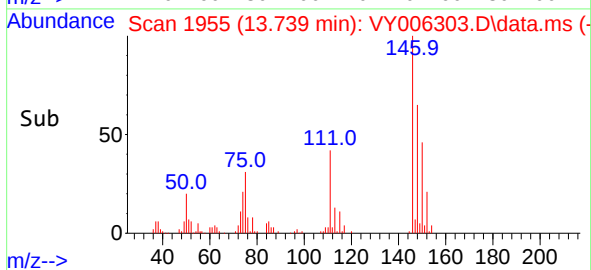
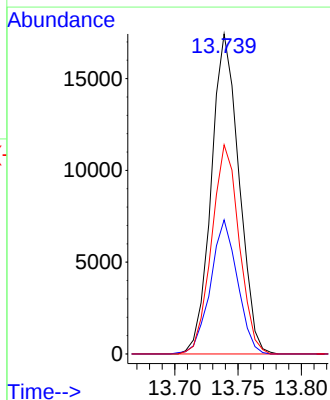
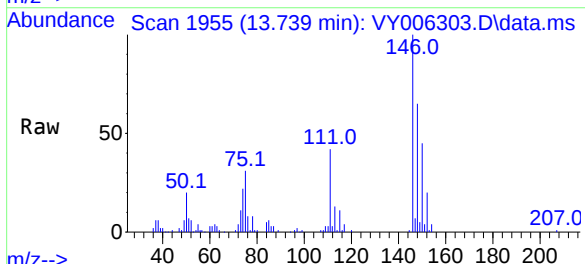
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

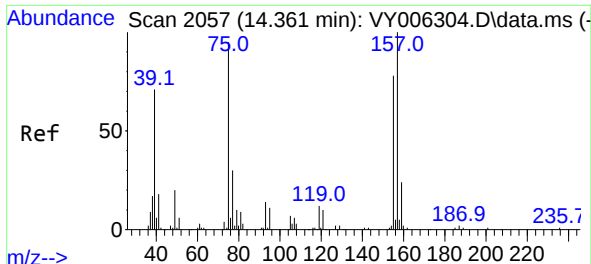
Tgt Ion:146	Resp:	30266
Ion Ratio	Lower	Upper
146	100	
111	36.9	26.4 49.0
148	65.3	44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 4.113 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:146	Resp:	26530
Ion Ratio	Lower	Upper
146	100	
111	41.9	33.9 50.9
148	65.4	49.7 74.5

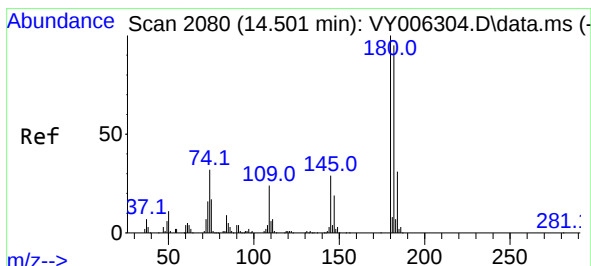
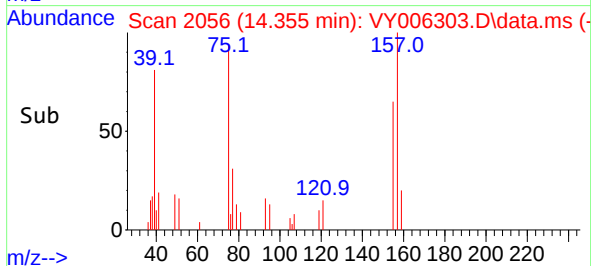
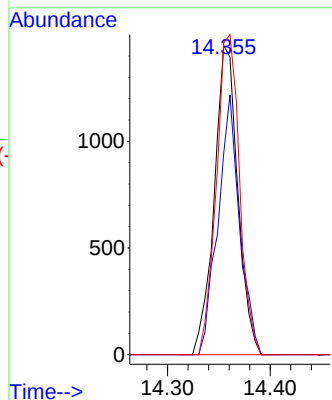
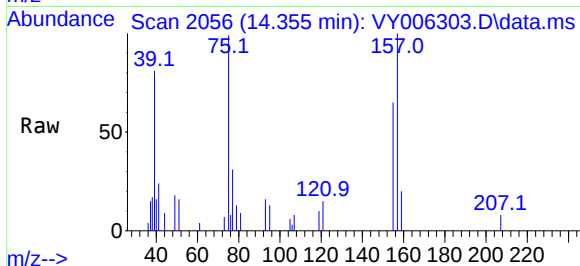




#68
1,2-Dibromo-3-chloropropane
Concen: 3.476 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

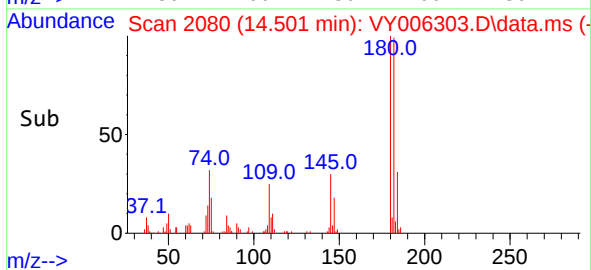
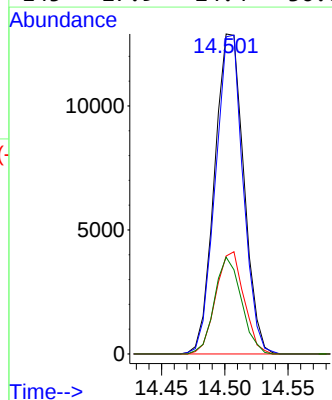
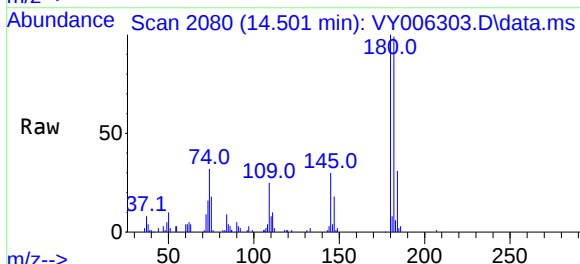
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

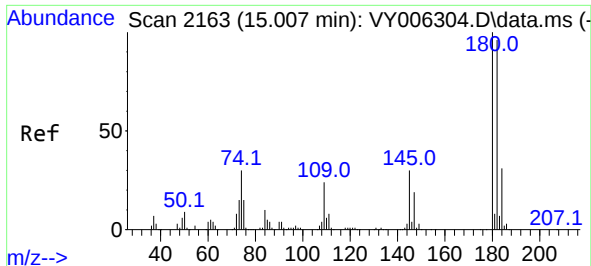
Tgt Ion: 75 Resp: 2305
Ion Ratio Lower Upper
75 100
155 65.1 64.5 96.7
157 100.8 77.4 116.2



#69
1,3,5-Trichlorobenzene
Concen: 4.307 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:180 Resp: 20677
Ion Ratio Lower Upper
180 100
182 94.3 76.1 114.1
184 30.7 24.6 36.8
145 27.9 24.4 36.6

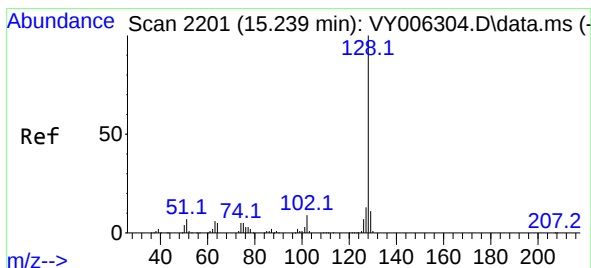
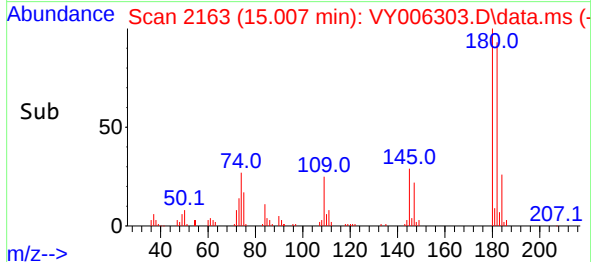
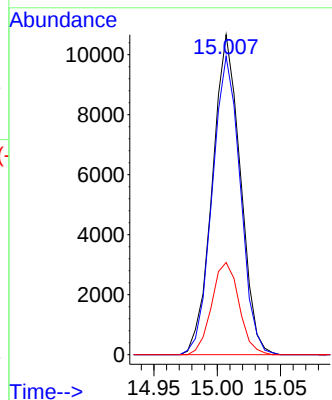
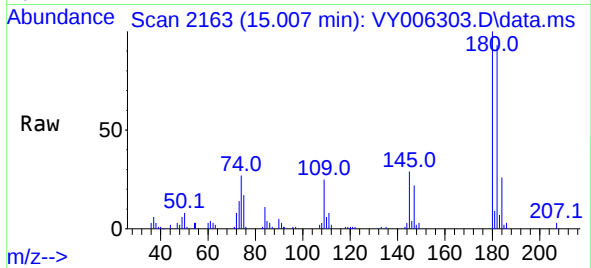




#70
1,2,4-trichlorobenzene
Concen: 4.113 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

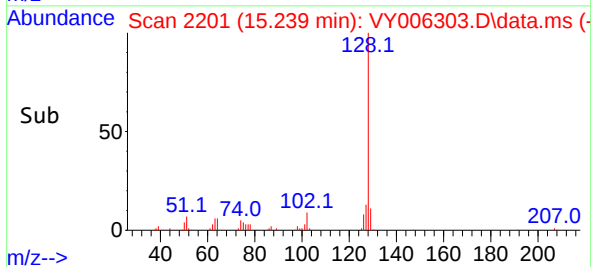
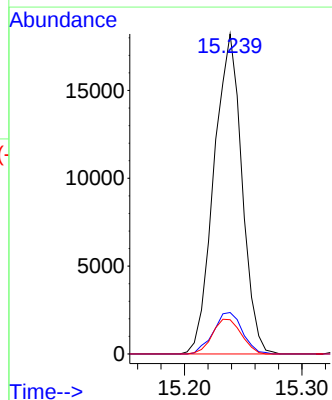
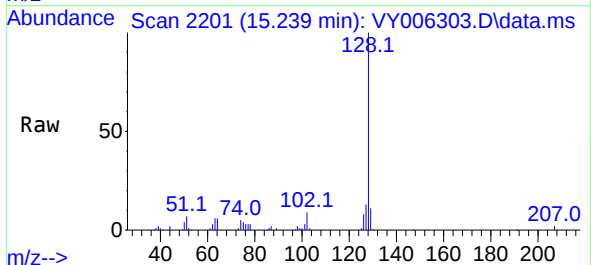
Instrument :
MSVOA_Y
ClientSampleId :
VSTD005815

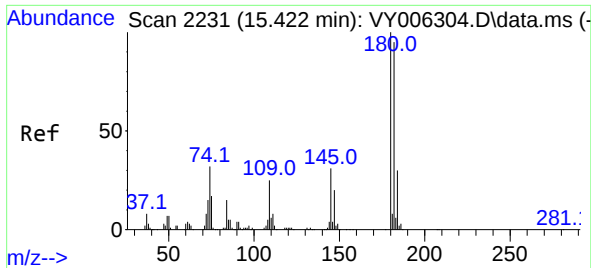
Tgt Ion:	180	Resp:	16411
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.4	114.6
145	28.1	25.0	37.6



#71
Naphthalene
Concen: 3.200 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006303.D
Acq: 05 Oct 2021 09:22

Tgt Ion:	128	Resp:	30192
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	11.2	8.9	13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 4.013 ug/L
 RT: 15.428 min Scan# 2232
 Delta R.T. 0.006 min
 Lab File: VY006303.D
 Acq: 05 Oct 2021 09:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD005815

Tgt Ion:	180	Resp:	14444
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.2	114.2
145	29.3	25.8	38.8

