

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100521\
 Data File : VY006304.D
 Acq On : 05 Oct 2021 09:45
 Operator : SY/MD
 Sample : VSTD02542
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025816

Quant Time: Oct 05 11:00:45 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	204366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.495	117	196185	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	101240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	89989	26.840	ug/L	0.00
7) Chloroethane-d5	2.771	69	65433	26.466	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.869	63	179758	29.601	ug/L	0.00
21) 2-Butanone-d5	6.893	46	48685	37.499	ug/L	0.00
24) Chloroform-d	7.490	84	135398	25.735	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.149	65	83468	25.194	ug/L	0.00
32) Benzene-d6	8.118	84	265537	23.116	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	76472	20.881	ug/L	0.00
41) Toluene-d8	10.185	98	252613	23.999	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	40643	23.004	ug/L	0.00
47) 2-Hexanone-d5	10.794	63	35690	37.035	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	61979	19.549	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	86254	23.838	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	192743	51.931	ug/L	99
3) Chloromethane	2.119	50	184249	44.432	ug/L	97
5) Vinyl chloride	2.259	62	213032	46.797	ug/L	100
6) Bromomethane	2.662	94	97354	51.111	ug/L	98
8) Chloroethane	2.802	64	122936	46.519	ug/L	100
9) Trichlorofluoromethane	3.137	101	270529	46.474	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	135384	41.664	ug/L	93
13) Acetone	3.954	43	121604	105.859	ug/L	95
14) Carbon disulfide	4.204	76	476569	46.380	ug/L	98
15) Methyl Acetate	4.491	43	85054	33.932	ug/L	100
16) Methylene chloride	4.728	84	142216	35.087	ug/L	97
17) trans-1,2-Dichloroethene	5.234	96	146185	43.577	ug/L	97
18) Methyl tert-butyl Ether	5.234	73	386637	41.353	ug/L	97
19) 1,1-Dichloroethane	6.027	63	256341	41.232	ug/L	98
20) cis-1,2-Dichloroethene	6.996	96	152993	42.852	ug/L	97
22) 2-Butanone	6.996	43	136810	81.450	ug/L	98
23) Bromochloromethane	7.344	128	67776	41.011	ug/L	91
25) Chloroform	7.514	83	273958	42.341	ug/L	100
27) 1,2-Dichloroethane	8.246	62	203350	44.404	ug/L	96
29) Cyclohexane	7.795	56	264398	42.917	ug/L	96
30) 1,1,1-Trichloroethane	7.710	97	256233	44.696	ug/L	99
31) Carbon tetrachloride	7.911	117	230681	48.800	ug/L	99
33) Benzene	8.167	78	608952	41.953	ug/L	100
34) Trichloroethene	8.947	95	154904	42.145	ug/L	95
35) Methylcyclohexane	9.191	83	274018	43.610	ug/L	99
37) 1,2-Dichloropropane	9.222	63	145179	38.954	ug/L	99
38) Bromodichloromethane	9.502	83	202523	42.321	ug/L	98
39) cis-1,3-Dichloropropene	9.929	75	236982	40.359	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	249517	66.857	ug/L	98
42) Toluene	10.246	91	671144	43.182	ug/L	99
44) trans-1,3-Dichloropropene	10.471	75	223915	40.817	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	109722	38.171	ug/L	98

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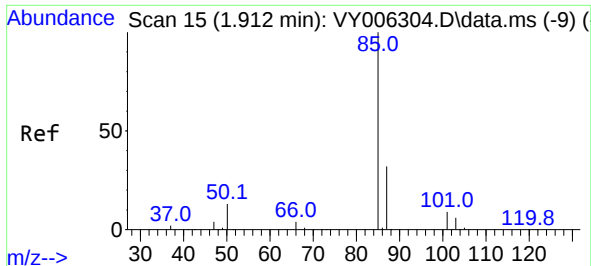
Quant Time: Oct 05 11:00:45 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	10.721	164	129096	44.969	ug/L	95
48) 2-Hexanone	10.837	43	198663	75.872	ug/L	98
49) Dibromochloromethane	10.989	129	138282	41.284	ug/L	94
50) 1,2-Dibromoethane	11.093	107	103499	37.599	ug/L	98
51) Chlorobenzene	11.520	112	399776	42.050	ug/L	99
52) Ethylbenzene	11.593	91	724550	43.228	ug/L	99
53) m,p-Xylene	11.703	106	277024	44.148	ug/L	99
54) o-Xylene	12.032	106	267718	44.587	ug/L	98
55) Styrene	12.044	104	475167	45.517	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.581	83	118348	35.078	ug/L	98
59) Bromoform	12.209	173	91620	40.306	ug/L #	98
60) Isopropylbenzene	12.331	105	723622	42.320	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	101461	33.677	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	599349	43.290	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	593049	43.047	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	315160	42.866	ug/L	100
65) 1,4-Dichlorobenzene	13.446	146	317104	42.600	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	283625	41.976	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.361	75	24086	34.672	ug/L	94
69) 1,3,5-Trichlorobenzene	14.501	180	221394	44.017	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	181570	43.434	ug/L	99
71) Naphthalene	15.239	128	382720	38.718	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	162211	43.014	ug/L	99

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

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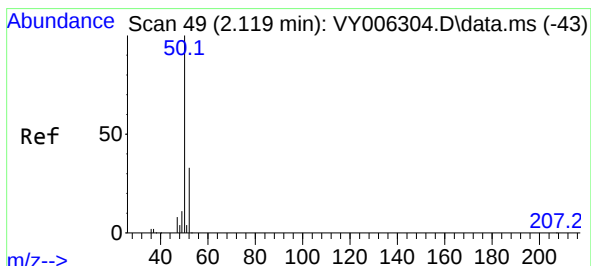
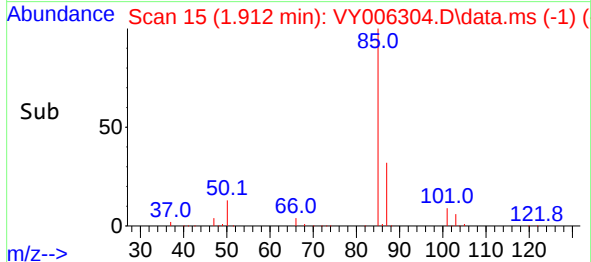
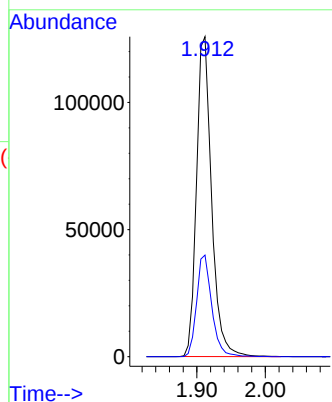
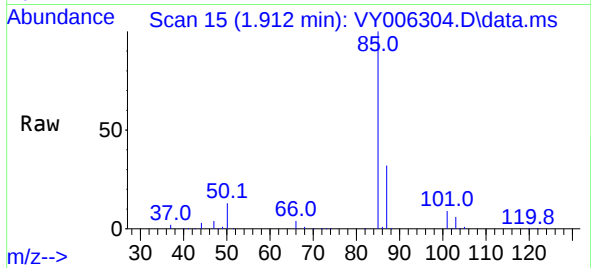




#2
Dichlorodifluoromethane
Concen: 51.931 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

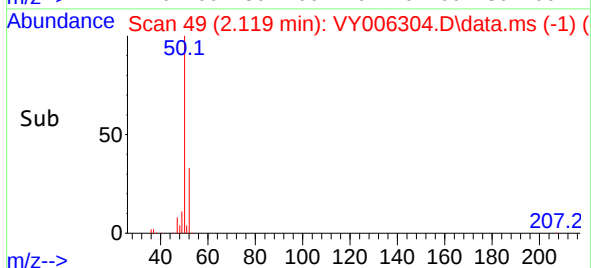
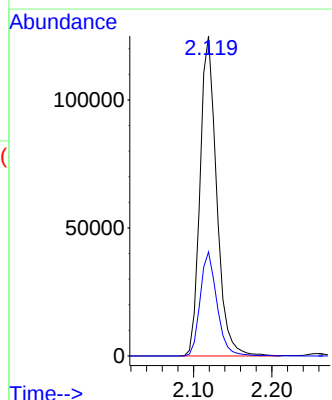
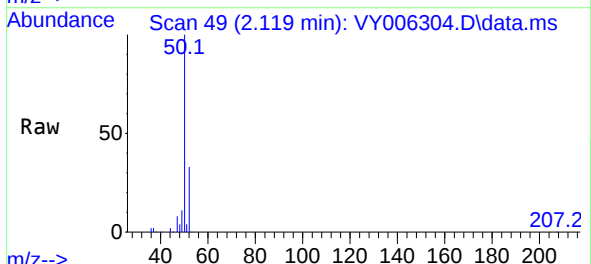
Instrument :
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ClientSampleId :
VSTD025816

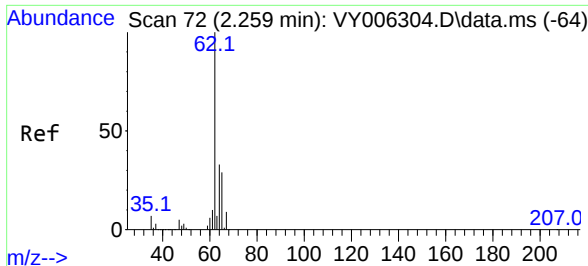
Tgt Ion: 85 Resp: 192743
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.2



#3
Chloromethane
Concen: 44.432 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 50 Resp: 184249
Ion Ratio Lower Upper
50 100
52 32.5 21.8 40.4

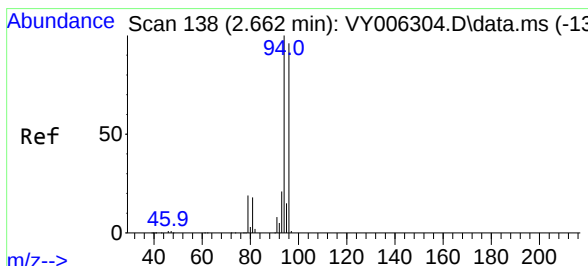
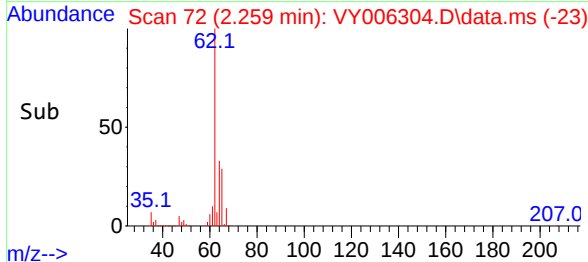
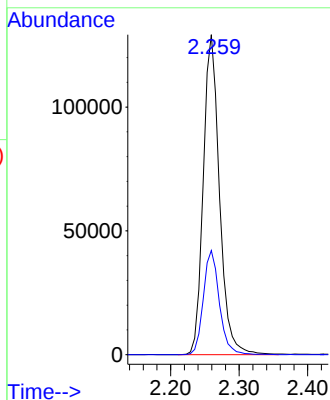
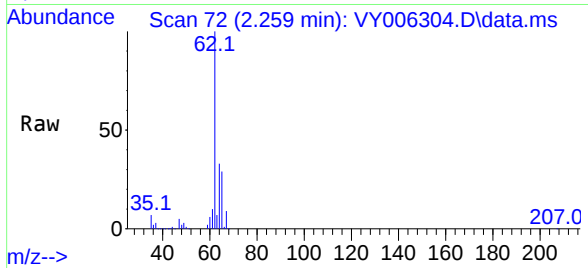




#5
 Vinyl chloride
 Concen: 46.797 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY006304.D
 Acq: 05 Oct 2021 09:45

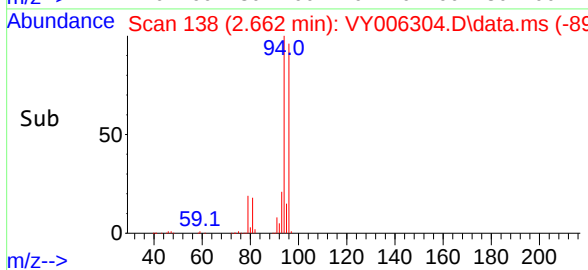
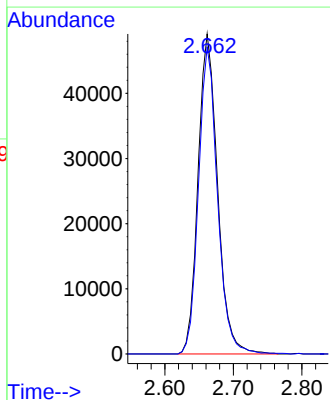
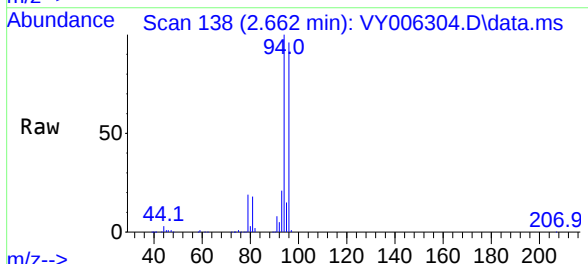
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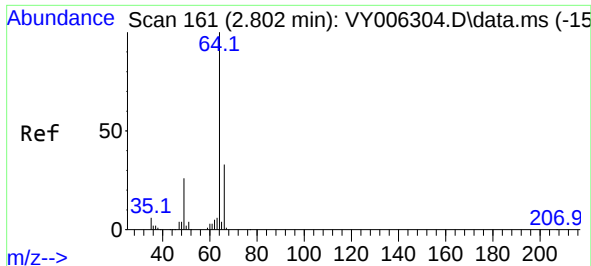
Tgt Ion: 62 Resp: 213032
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#6
 Bromomethane
 Concen: 51.111 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006304.D
 Acq: 05 Oct 2021 09:45

Tgt Ion: 94 Resp: 97354
 Ion Ratio Lower Upper
 94 100
 96 95.9 65.9 122.5

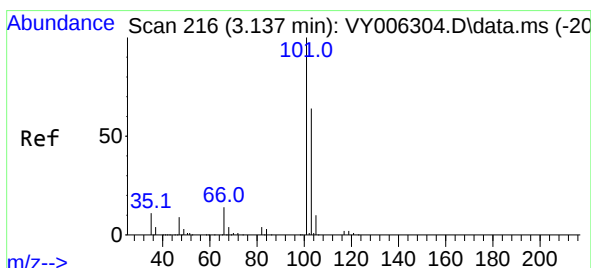
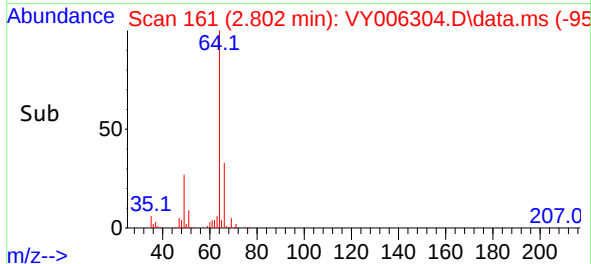
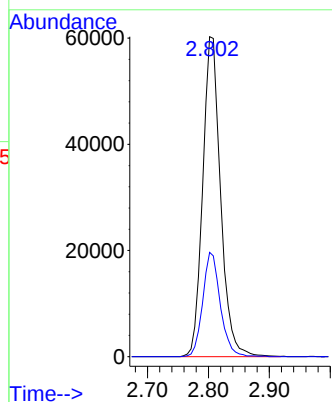
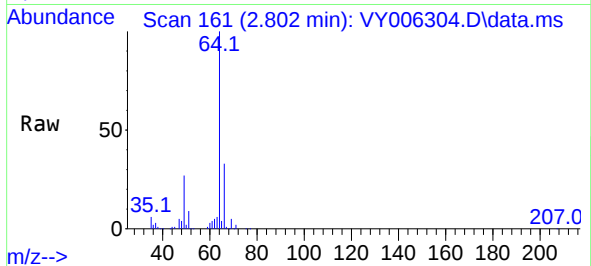




#8
Chloroethane
Concen: 46.519 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

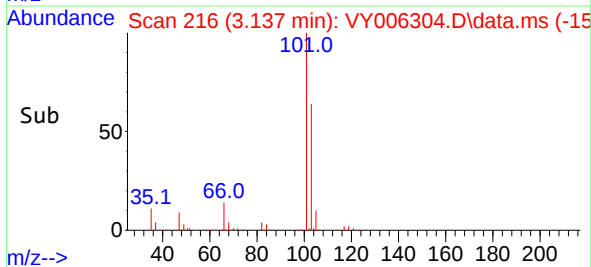
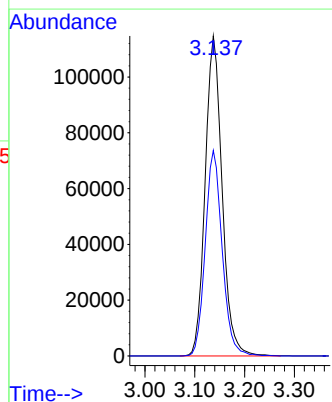
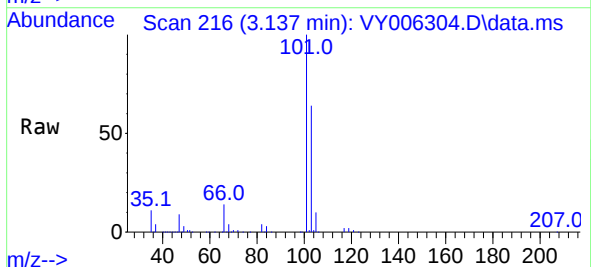
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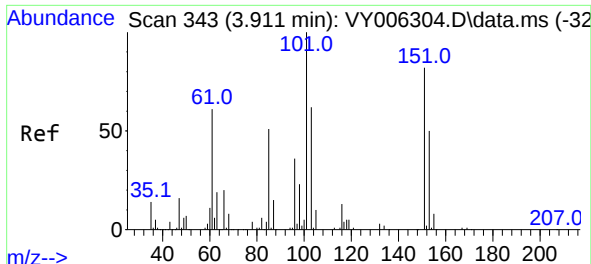
Tgt Ion: 64 Resp: 122936
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 46.474 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion:101 Resp: 270529
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

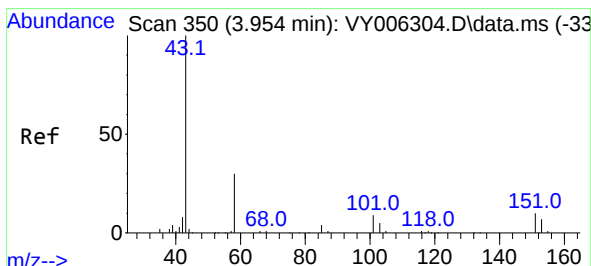
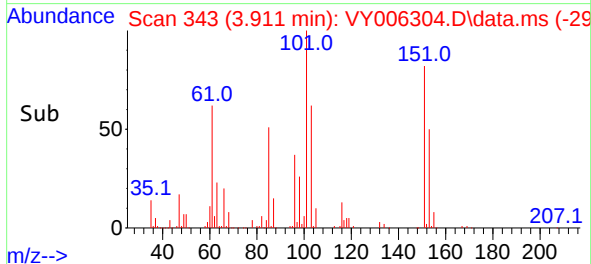
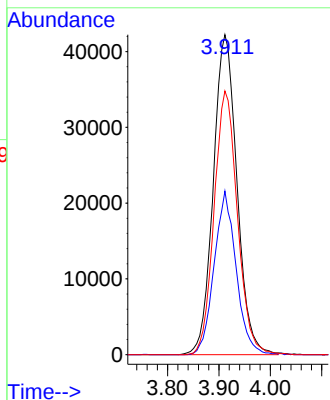
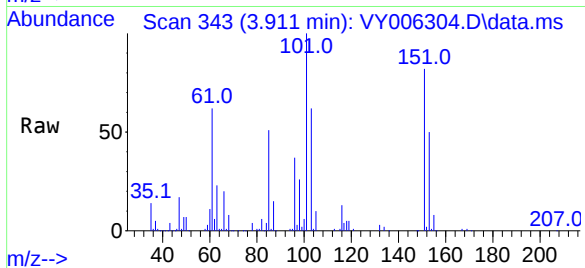




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 41.664 ug/L
RT: 3.911 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

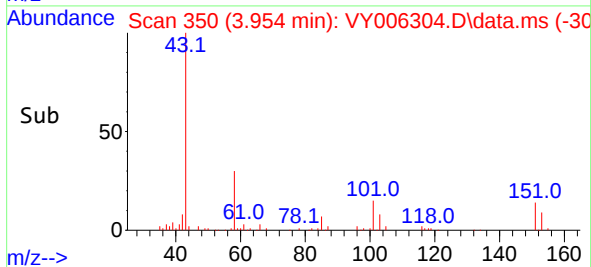
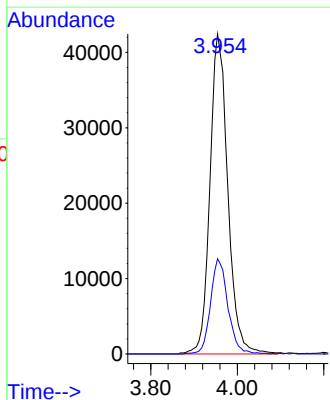
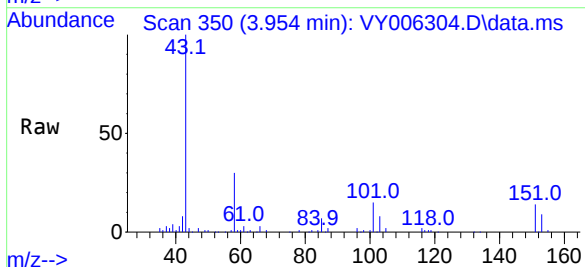
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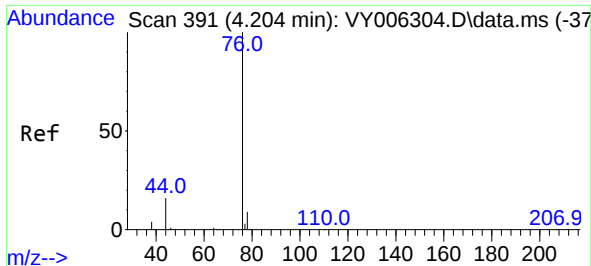
Tgt Ion:101 Resp: 135384
Ion Ratio Lower Upper
101 100
85 47.4 36.6 54.8
151 81.3 59.0 88.4



#13
Acetone
Concen: 105.859 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 43 Resp: 121604
Ion Ratio Lower Upper
43 100
58 27.8 0.0 61.0

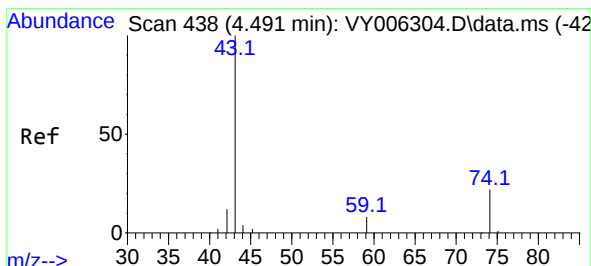
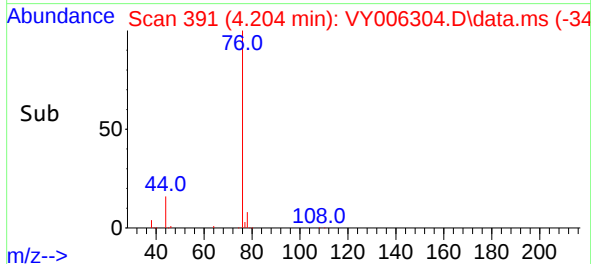
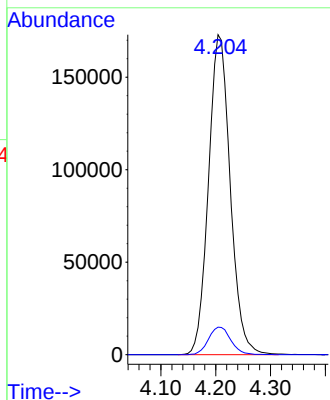
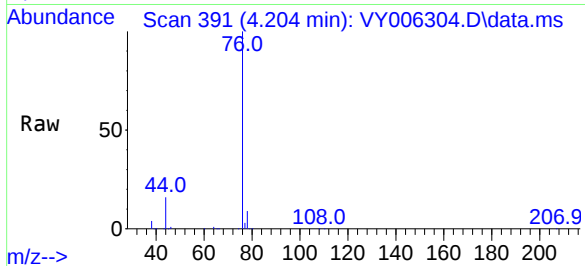




#14
Carbon disulfide
Concen: 46.380 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

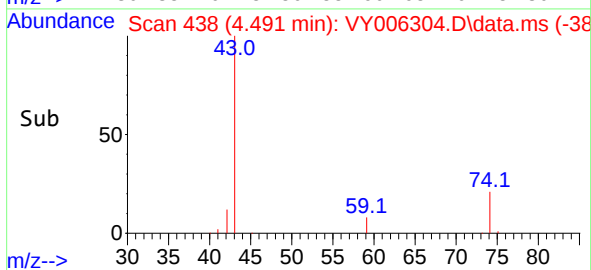
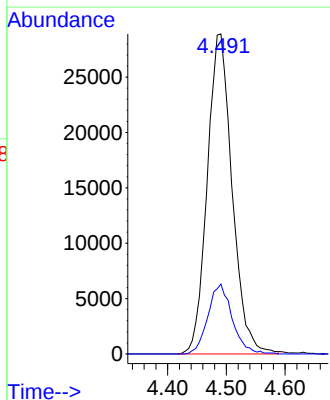
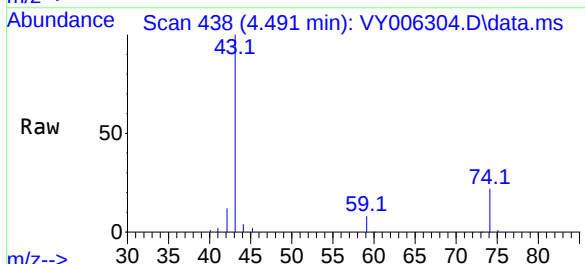
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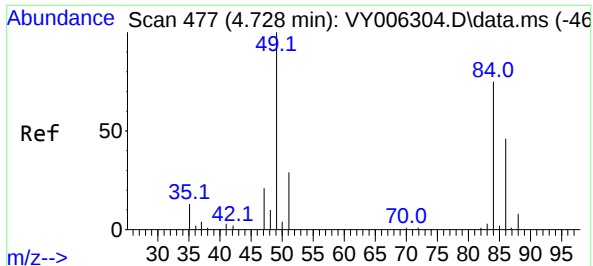
Tgt Ion: 76 Resp: 476569
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#15
Methyl Acetate
Concen: 33.932 ug/L
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 43 Resp: 85054
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1

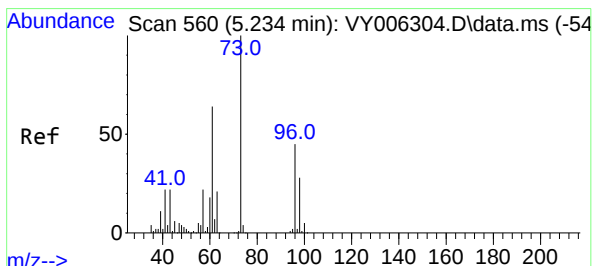
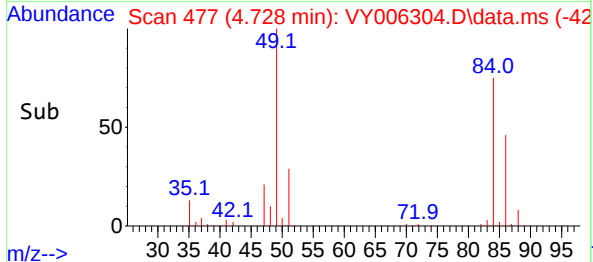
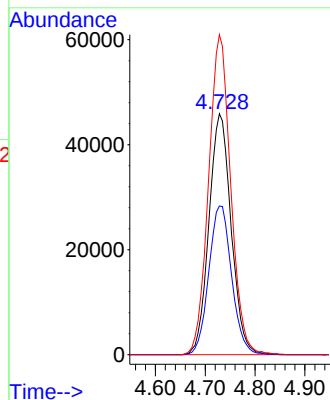
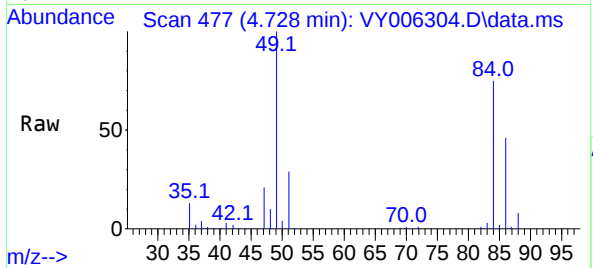




#16
Methylene chloride
Concen: 35.087 ug/L
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

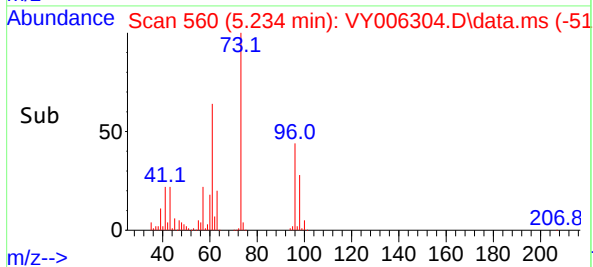
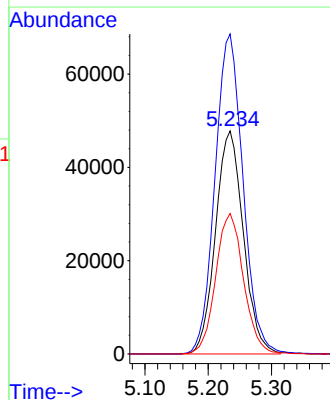
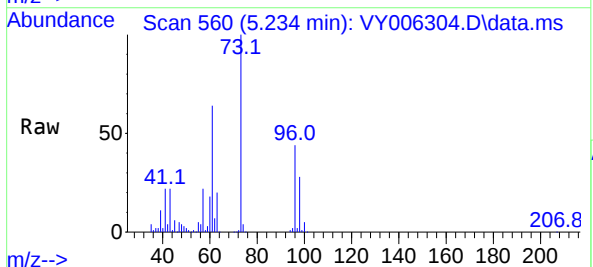
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ClientSampleId :
VSTD025816

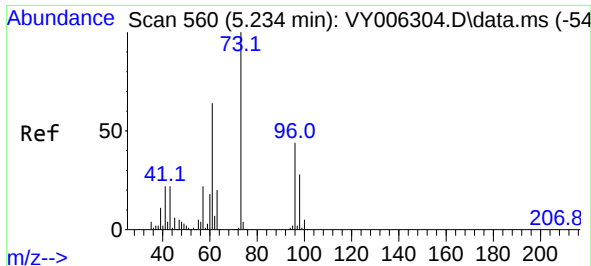
Tgt Ion: 84 Resp: 142216
Ion Ratio Lower Upper
84 100
86 61.7 43.2 80.2
49 132.8 96.0 178.4



#17
trans-1,2-Dichloroethene
Concen: 43.577 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 96 Resp: 146185
Ion Ratio Lower Upper
96 100
61 143.4 97.6 181.2
98 63.0 44.8 83.2

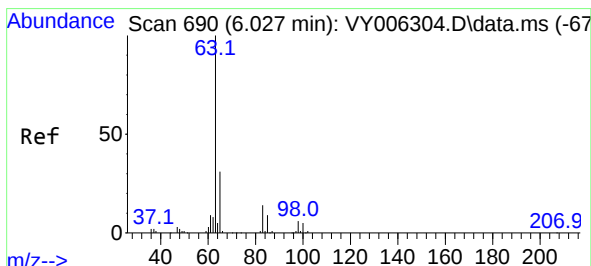
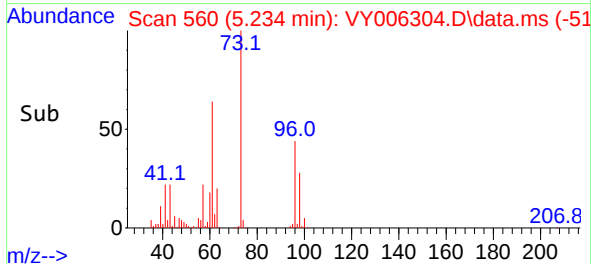
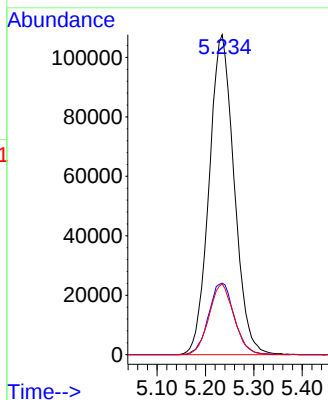
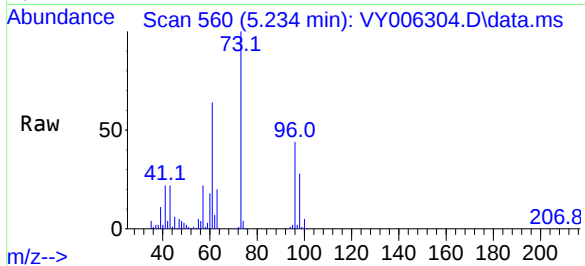




#18
Methyl tert-butyl Ether
Concen: 41.353 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

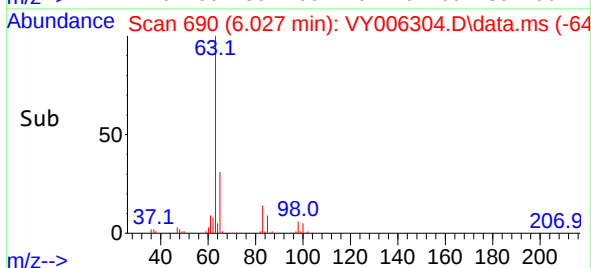
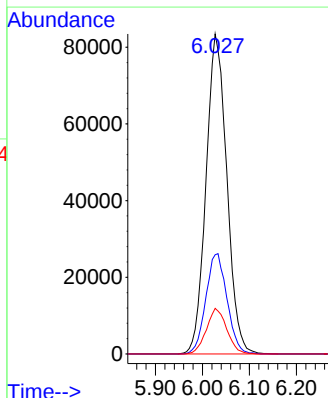
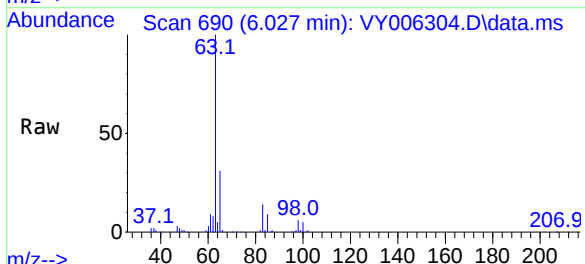
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

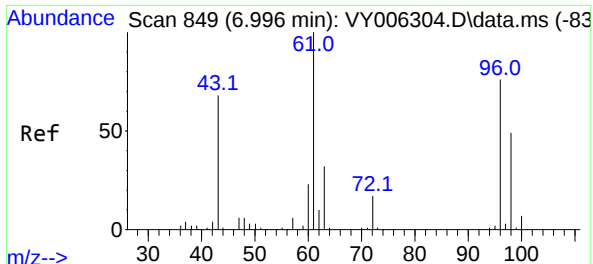
Tgt Ion: 73 Resp: 386637
Ion Ratio Lower Upper
73 100
43 23.0 16.8 25.2
57 22.1 18.7 28.1



#19
1,1-Dichloroethane
Concen: 41.232 ug/L
RT: 6.027 min Scan# 690
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 63 Resp: 256341
Ion Ratio Lower Upper
63 100
65 31.0 22.4 41.6
83 14.3 9.5 17.7

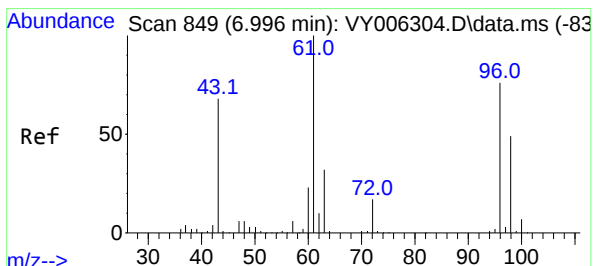
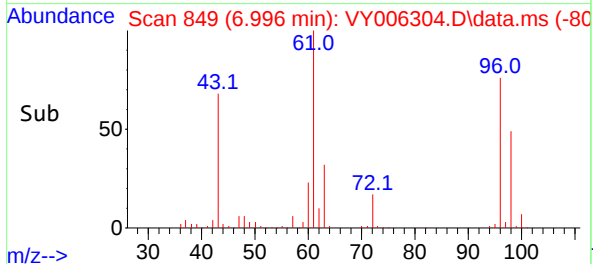
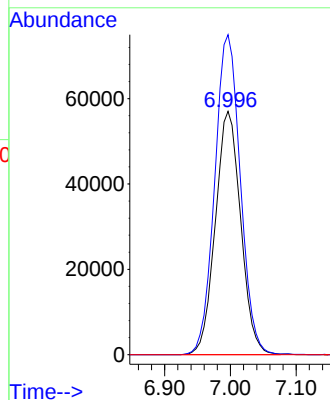
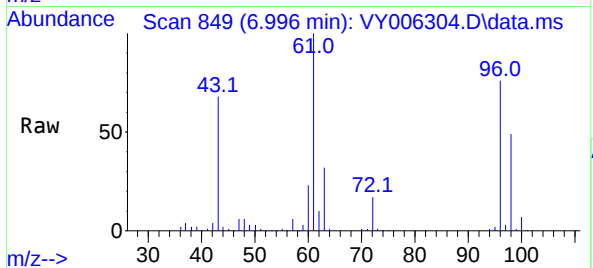




#20
cis-1,2-Dichloroethene
Concen: 42.852 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

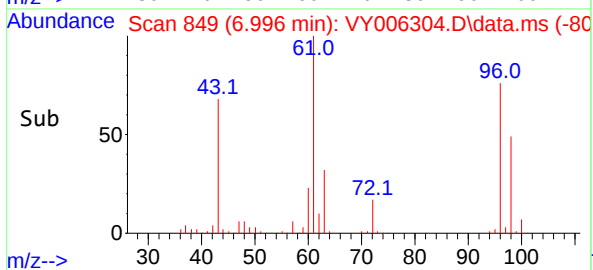
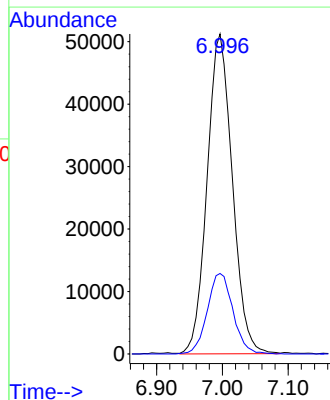
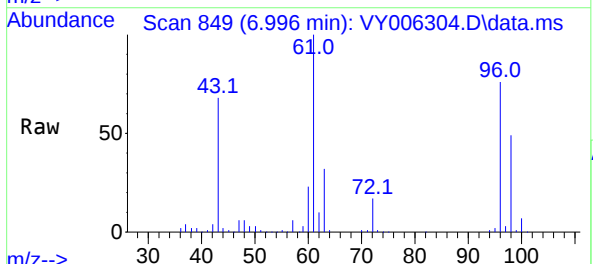
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

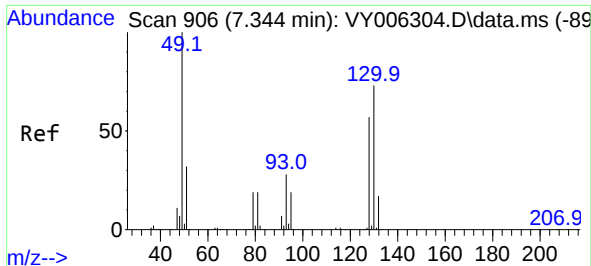
Tgt Ion: 96 Resp: 152993
Ion Ratio Lower Upper
96 100
61 131.5 94.8 176.2
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 81.450 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

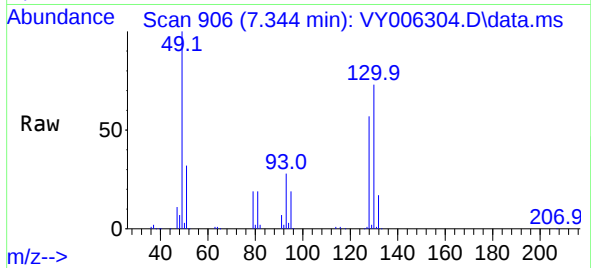
Tgt Ion: 43 Resp: 136810
Ion Ratio Lower Upper
43 100
72 25.5 12.2 36.6



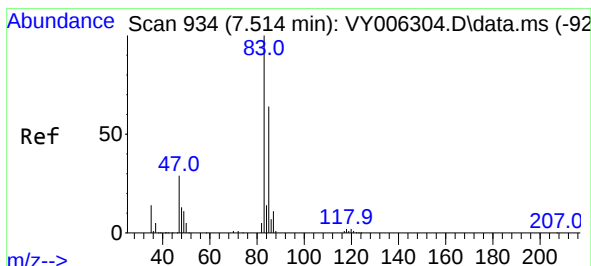
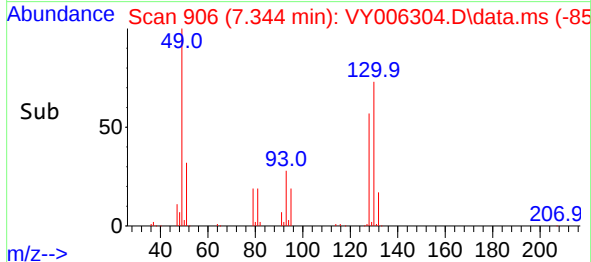
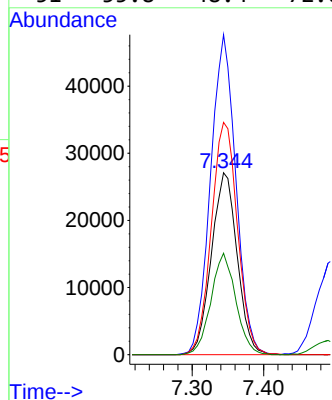


#23
Bromochloromethane
Concen: 41.011 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

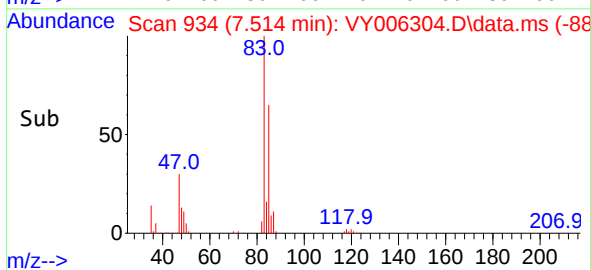
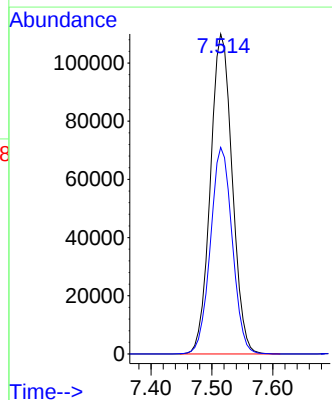
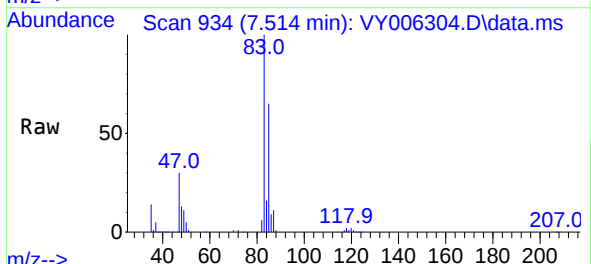


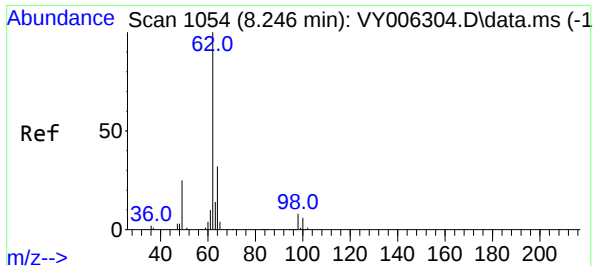
Tgt Ion:128 Resp: 67776
Ion Ratio Lower Upper
128 100
49 176.0 138.9 258.1
130 127.8 88.3 164.1
51 55.8 48.4 72.6



#25
Chloroform
Concen: 42.341 ug/L
RT: 7.514 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 83 Resp: 273958
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.4

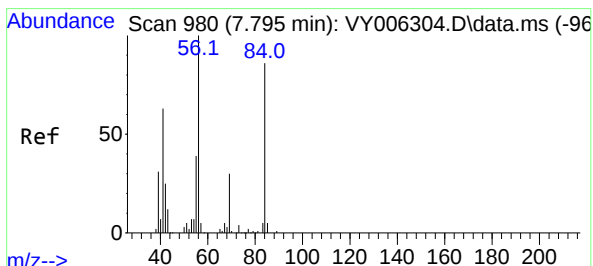
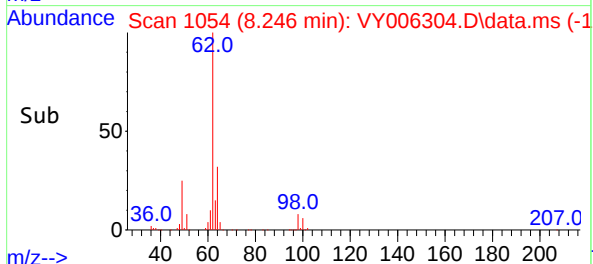
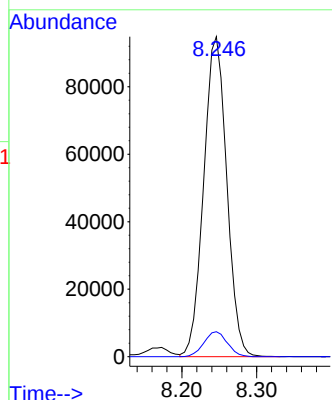
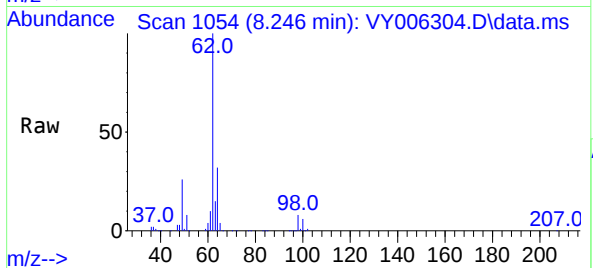




#27
1,2-Dichloroethane
Concen: 44.404 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

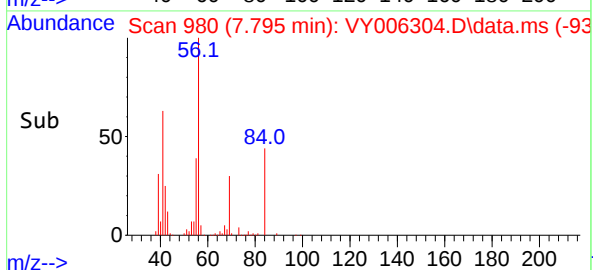
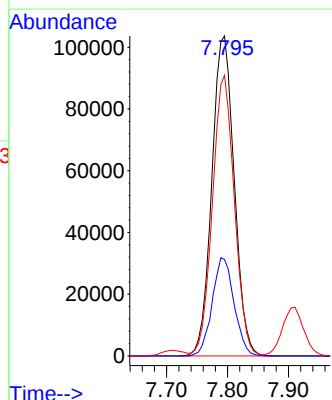
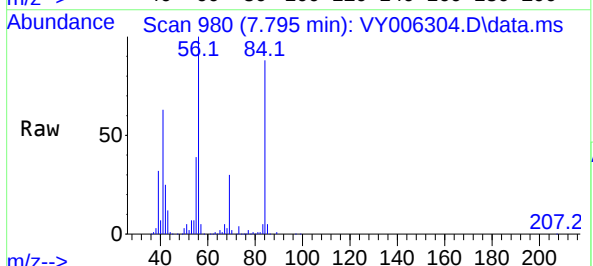
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

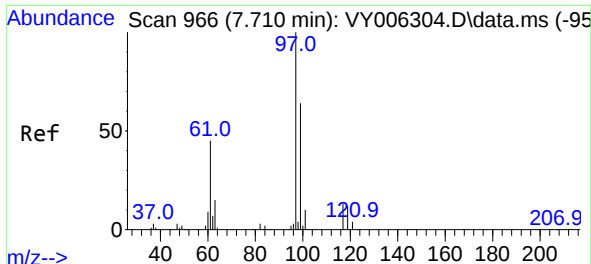
Tgt Ion: 62 Resp: 203350
Ion Ratio Lower Upper
62 100
98 7.8 7.5 11.3



#29
Cyclohexane
Concen: 42.917 ug/L
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 56 Resp: 264398
Ion Ratio Lower Upper
56 100
69 30.0 22.6 33.8
84 86.1 66.1 99.1



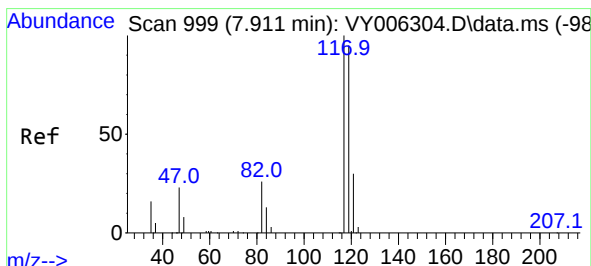
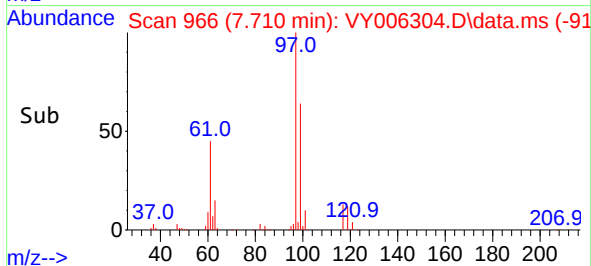
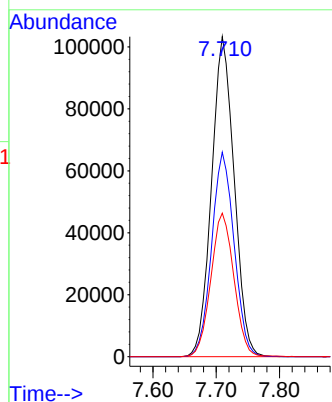
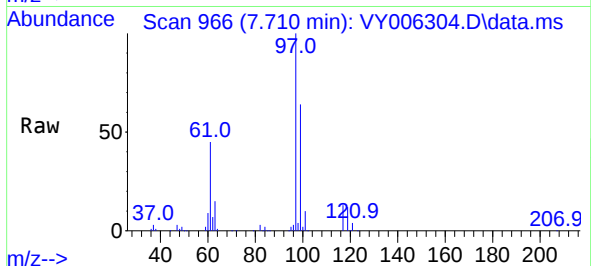


#30
1,1,1-Trichloroethane
Concen: 44.696 ug/L
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

Tgt Ion: 97 Resp: 256233

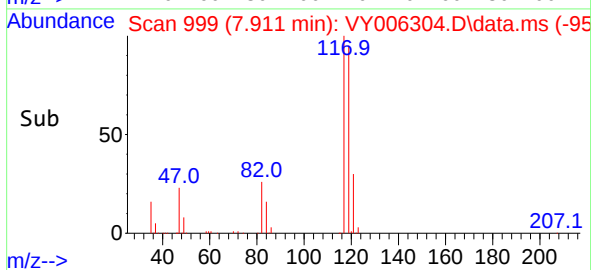
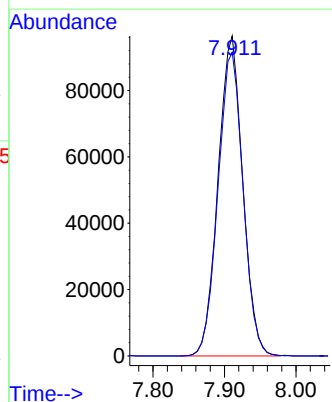
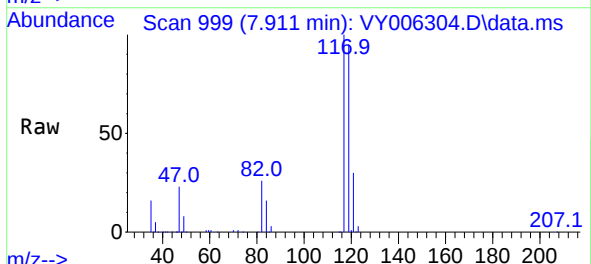
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.6
61	45.8	37.3	55.9

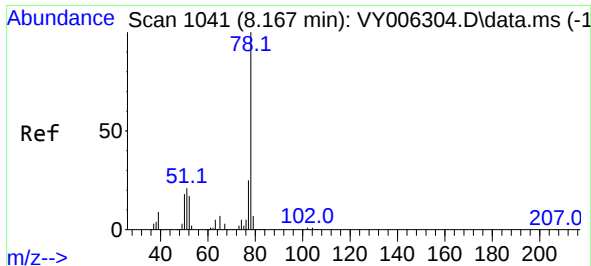


#31
Carbon tetrachloride
Concen: 48.800 ug/L
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 117 Resp: 230681

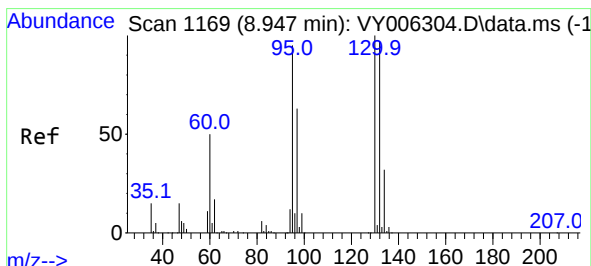
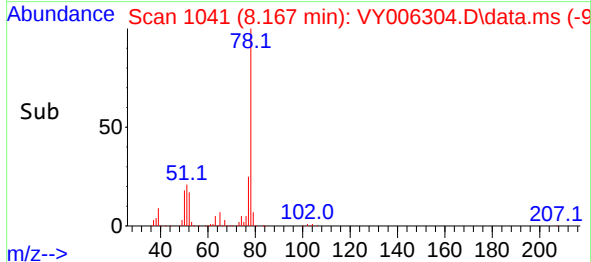
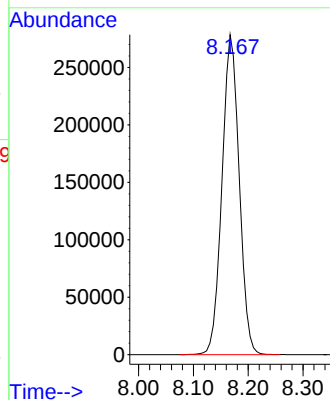
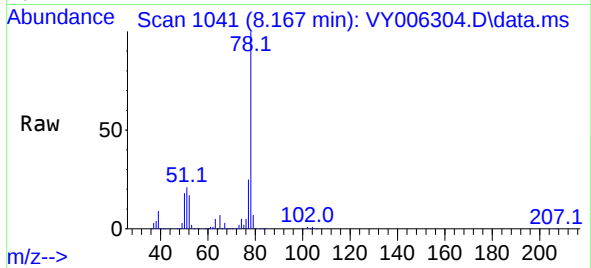
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.2	114.2



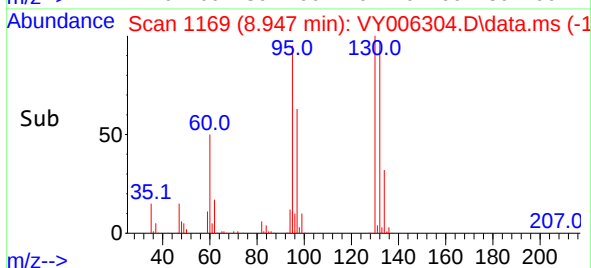
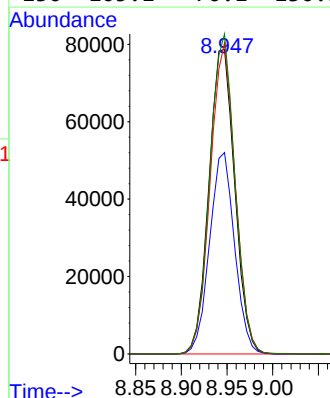
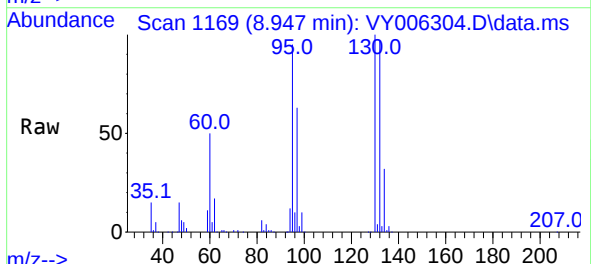


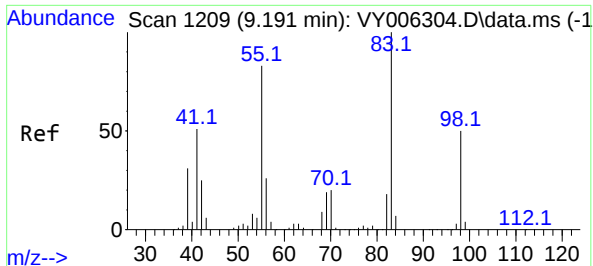
#33
Benzene
Concen: 41.953 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45
Tgt Ion: 78 Resp: 608952

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816



#34
Trichloroethene
Concen: 42.145 ug/L
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45
Tgt Ion: 95 Resp: 154904

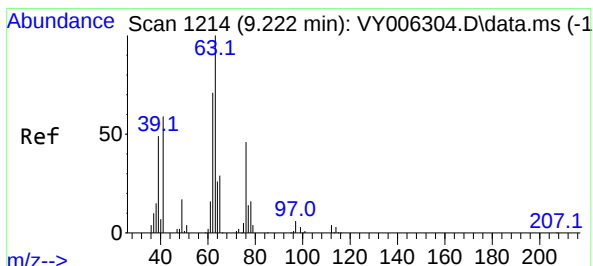
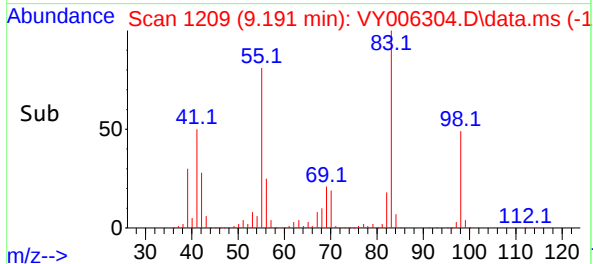
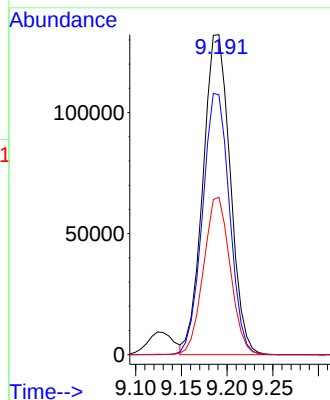
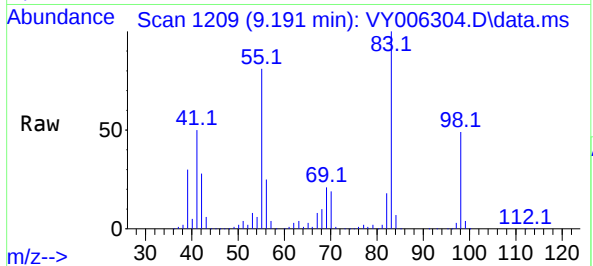




#35
Methylcyclohexane
Concen: 43.610 ug/L
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

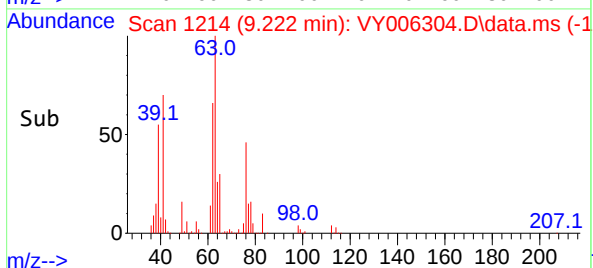
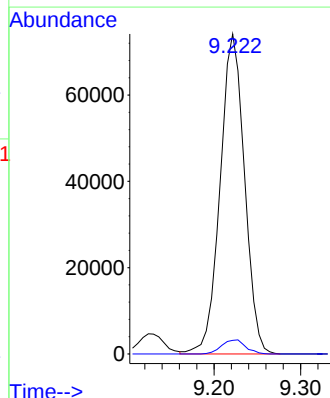
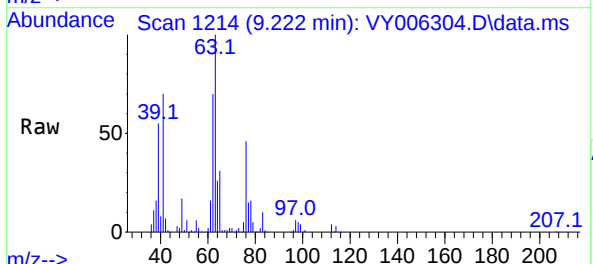
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

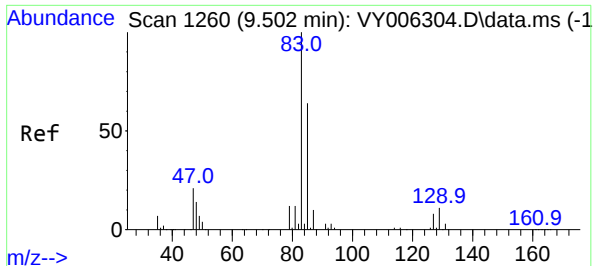
Tgt Ion: 83 Resp: 274018
Ion Ratio Lower Upper
83 100
55 80.8 63.9 95.9
98 48.2 38.7 58.1



#37
1,2-Dichloropropane
Concen: 38.954 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 63 Resp: 145179
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7

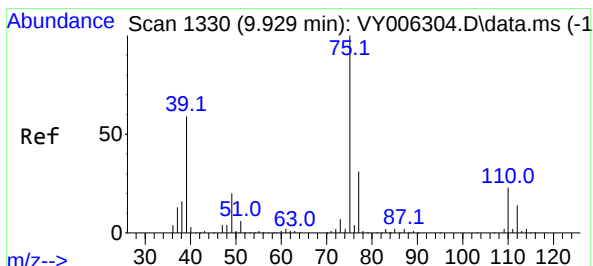
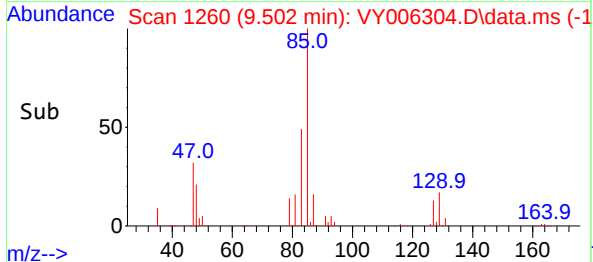
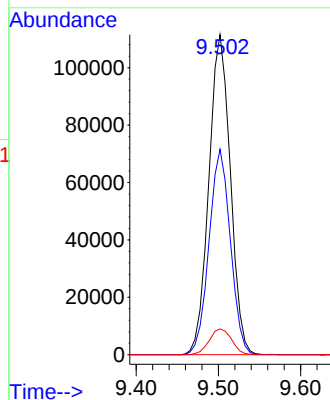
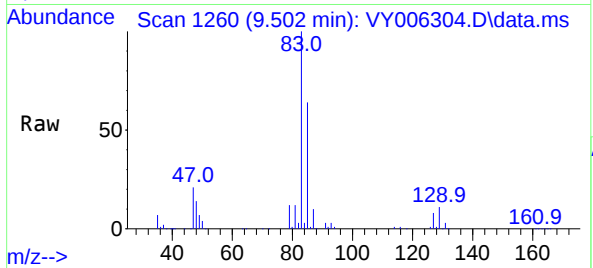




#38
Bromodichloromethane
Concen: 42.321 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

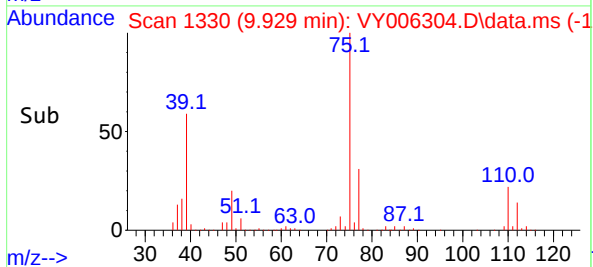
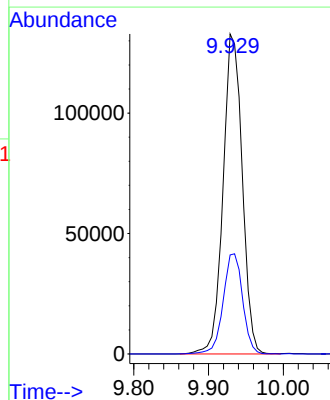
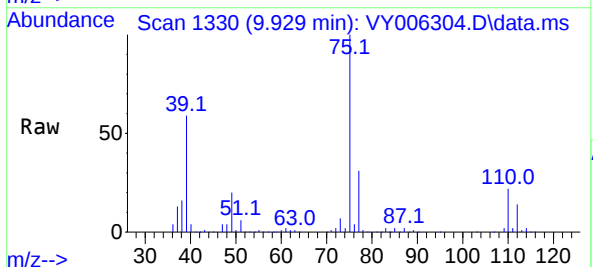
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

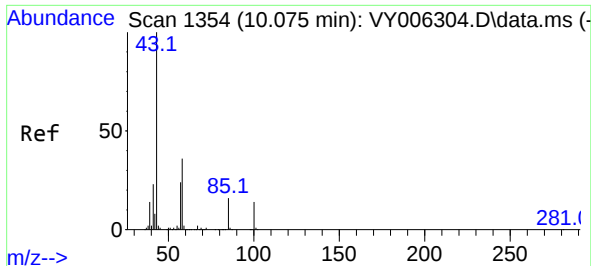
Tgt Ion: 83 Resp: 202523
Ion Ratio Lower Upper
83 100
85 64.2 44.1 81.9
127 8.1 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 40.359 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 75 Resp: 236982
Ion Ratio Lower Upper
75 100
77 30.9 22.3 41.3

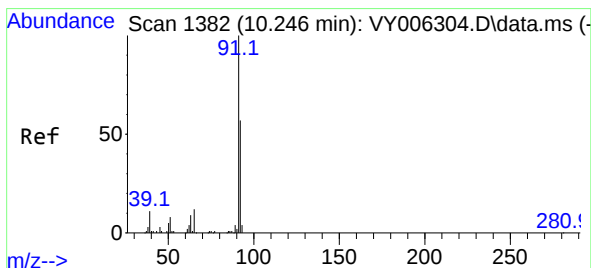
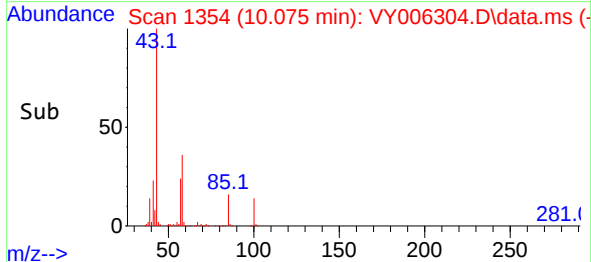
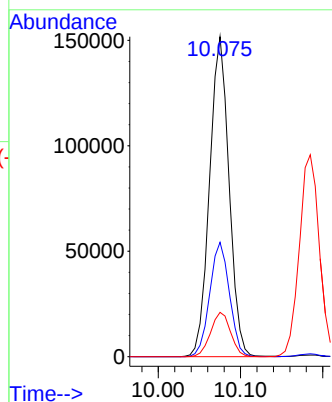
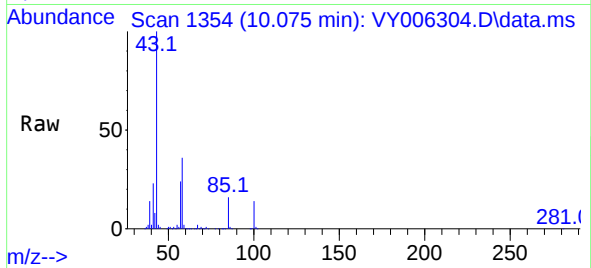




#40
4-Methyl-2-pentanone
Concen: 66.857 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

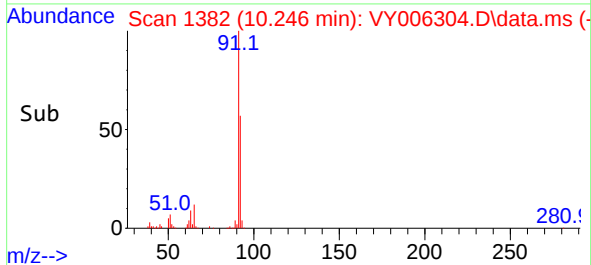
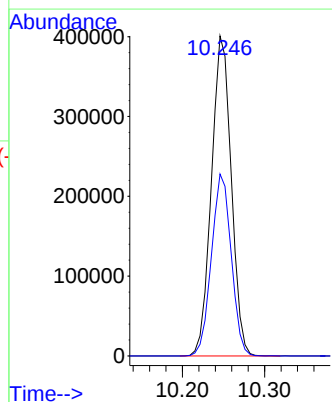
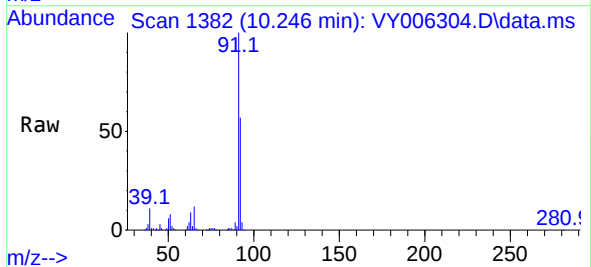
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

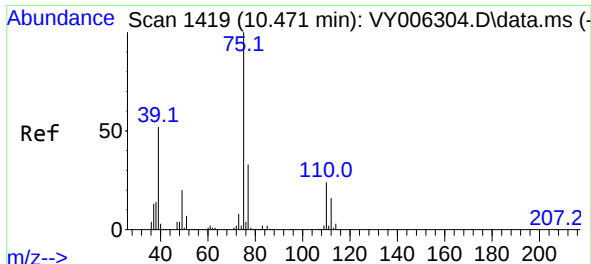
Tgt Ion: 43 Resp: 249517
Ion Ratio Lower Upper
43 100
58 36.2 28.5 42.7
100 14.2 10.4 15.6



#42
Toluene
Concen: 43.182 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 91 Resp: 671144
Ion Ratio Lower Upper
91 100
92 56.8 40.5 75.1

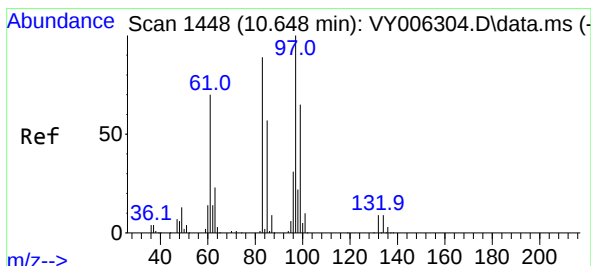
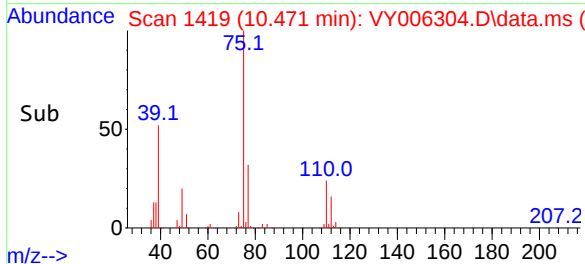
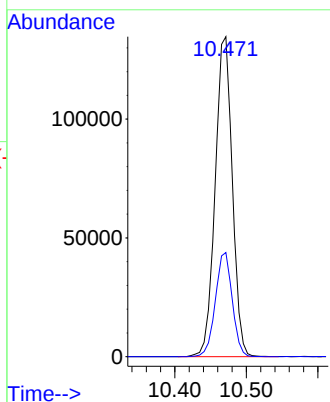
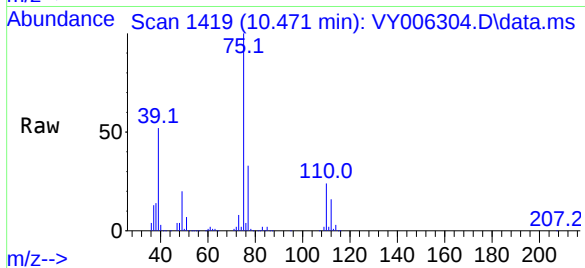




#44
trans-1,3-Dichloropropene
Concen: 40.817 ug/L
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

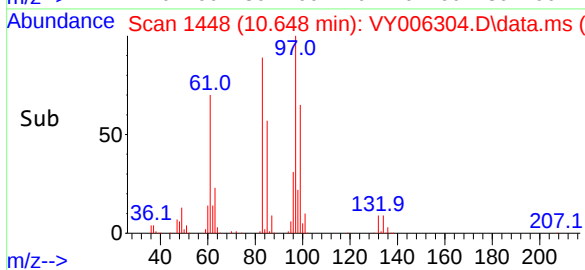
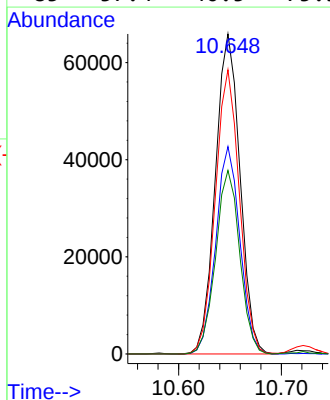
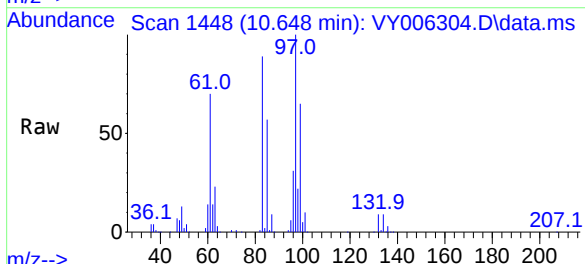
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

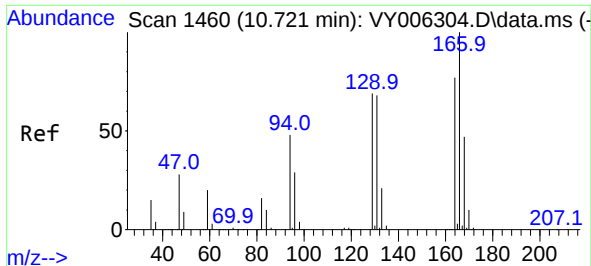
Tgt Ion: 75 Resp: 223915
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 38.171 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 97 Resp: 109722
Ion Ratio Lower Upper
97 100
99 64.8 44.2 82.0
83 88.8 61.1 113.5
85 57.4 40.5 75.3



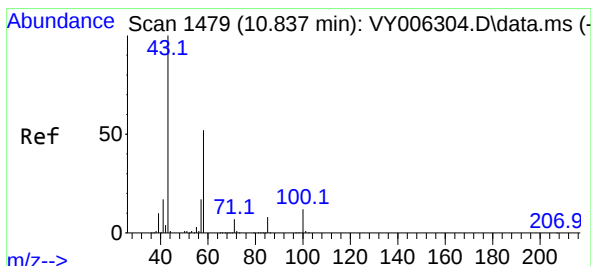
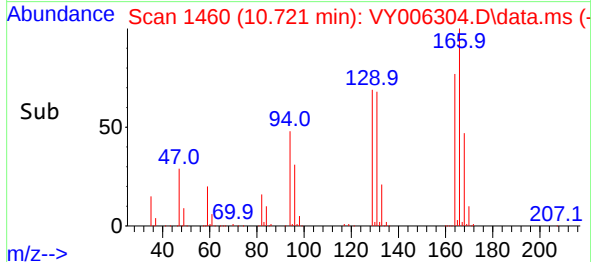
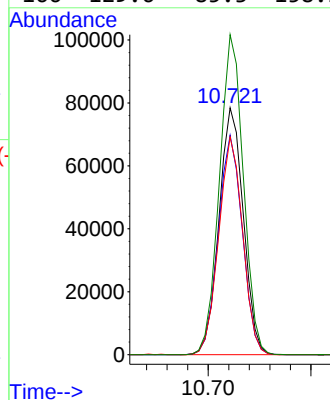
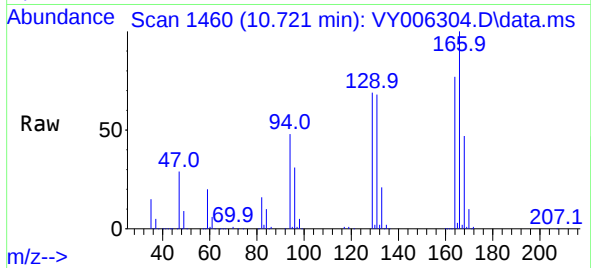


#46
Tetrachloroethene
Concen: 44.969 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

Tgt Ion:164 Resp: 129096

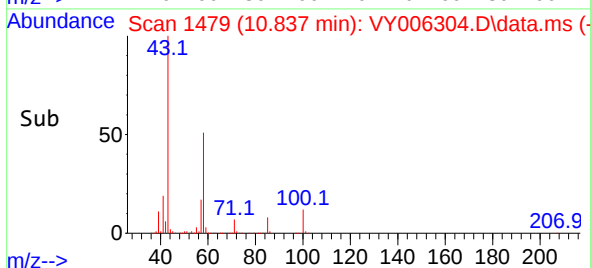
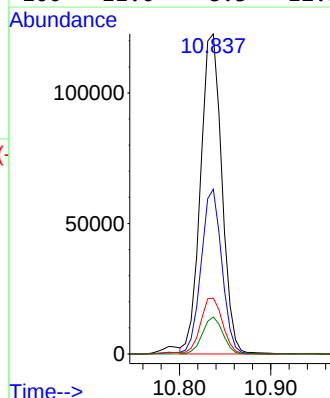
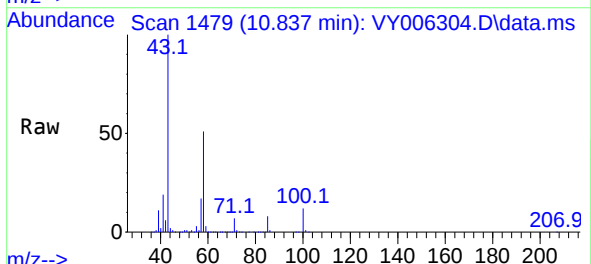
Ion	Ratio	Lower	Upper
164	100		
129	88.9	65.9	122.3
131	88.2	61.9	115.1
166	129.6	85.3	158.3

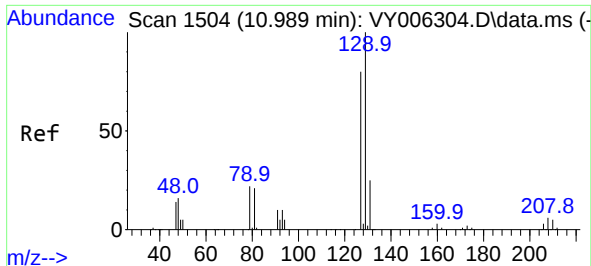


#48
2-Hexanone
Concen: 75.872 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 43 Resp: 198663

Ion	Ratio	Lower	Upper
43	100		
58	50.3	41.1	61.7
57	17.9	13.8	20.6
100	11.0	8.3	12.5

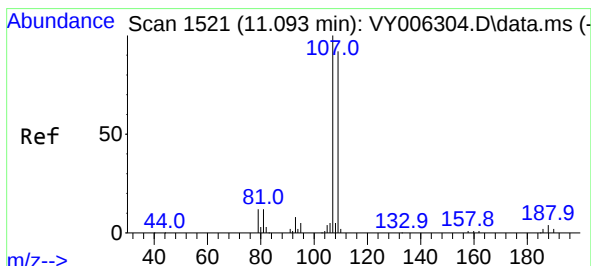
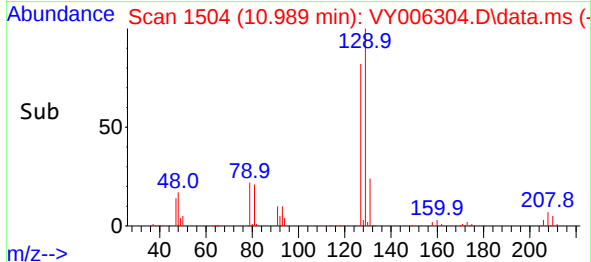
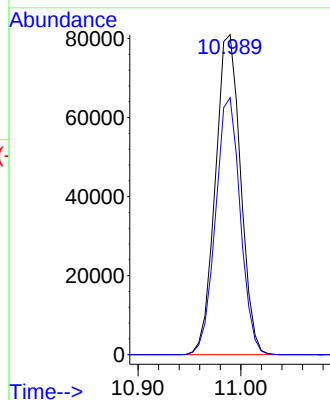
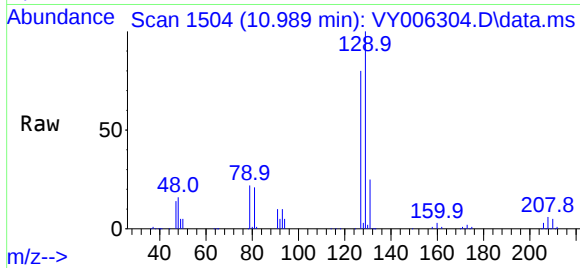




#49
Dibromochloromethane
Concen: 41.284 ug/L
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

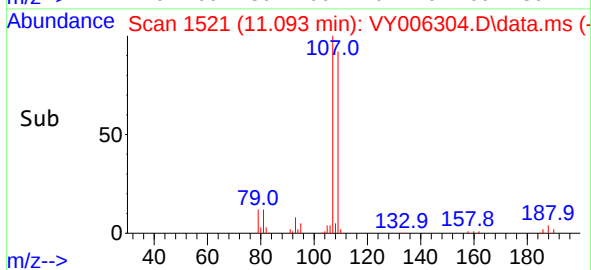
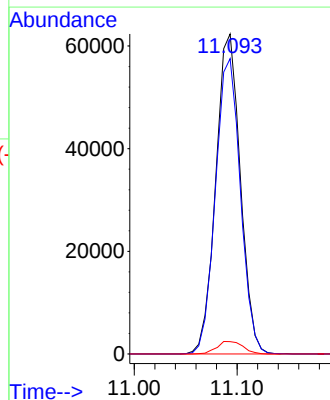
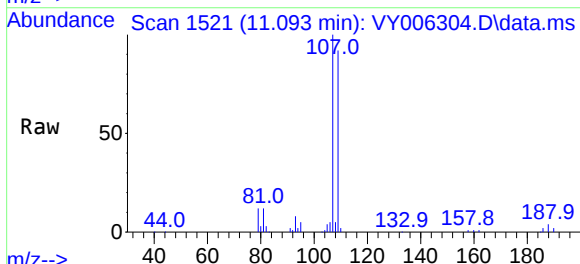
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

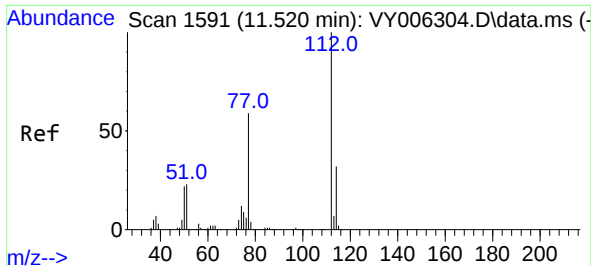
Tgt Ion:129 Resp: 138282
Ion Ratio Lower Upper
129 100
127 80.3 52.8 98.0



#50
1,2-Dibromoethane
Concen: 37.599 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion:107 Resp: 103499
Ion Ratio Lower Upper
107 100
109 92.3 65.7 121.9
188 3.8 2.8 4.2

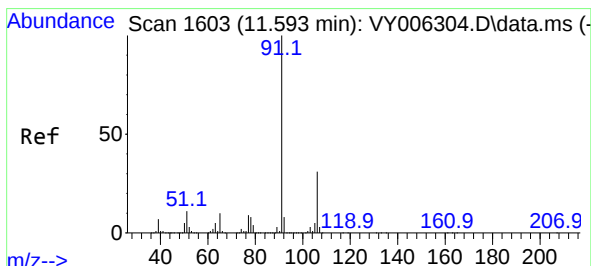
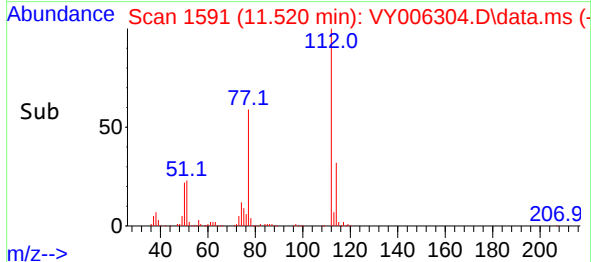
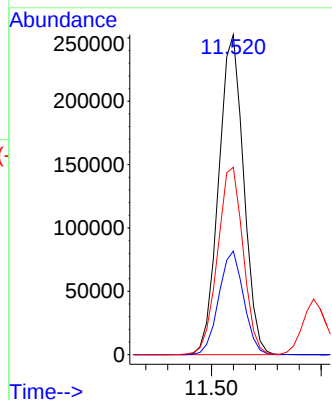
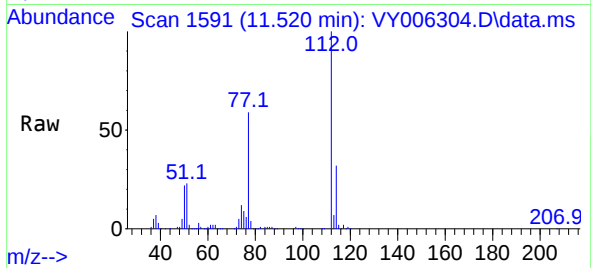




#51
Chlorobenzene
Concen: 42.050 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

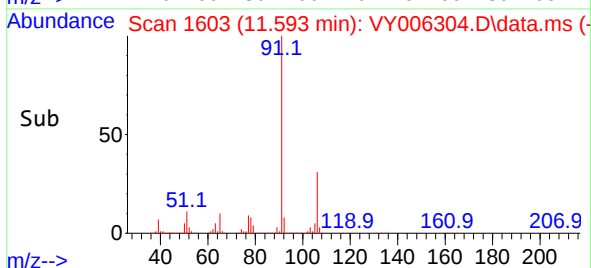
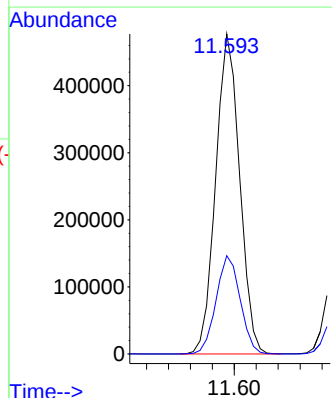
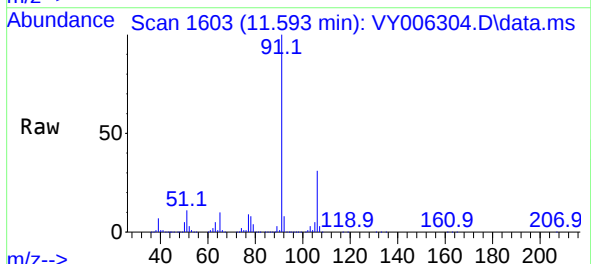
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

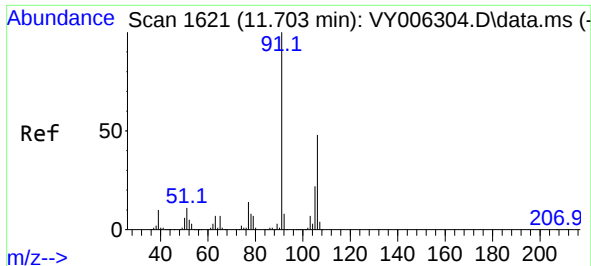
Tgt Ion:112 Resp: 399776
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.5
77 58.6 46.5 69.7



#52
Ethylbenzene
Concen: 43.228 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 91 Resp: 724550
Ion Ratio Lower Upper
91 100
106 30.7 21.2 39.4

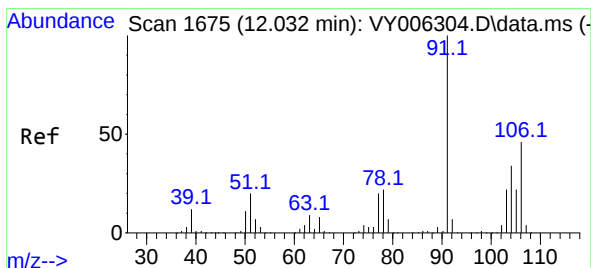
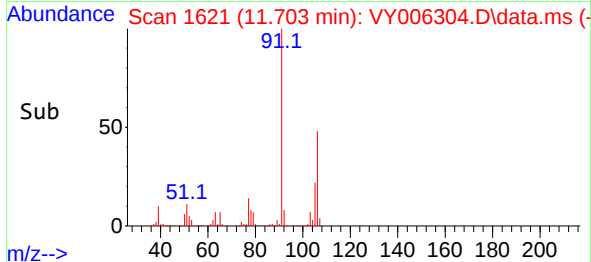
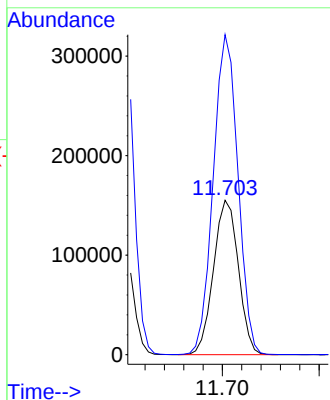
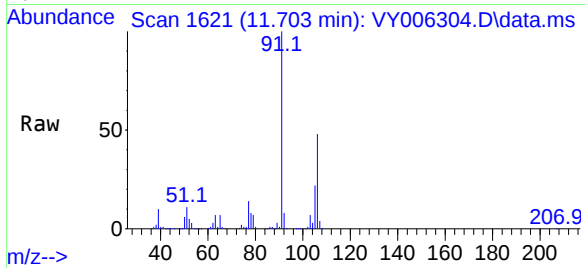




#53
m,p-Xylene
Concen: 44.148 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

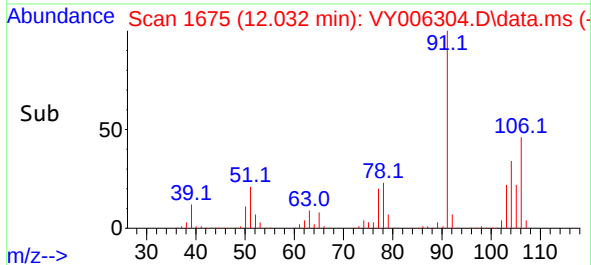
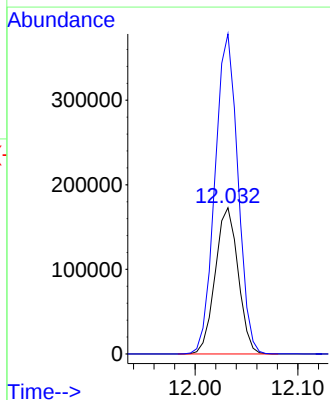
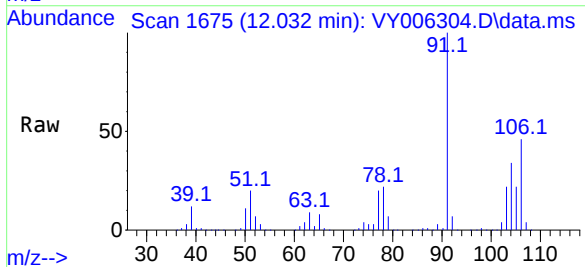
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

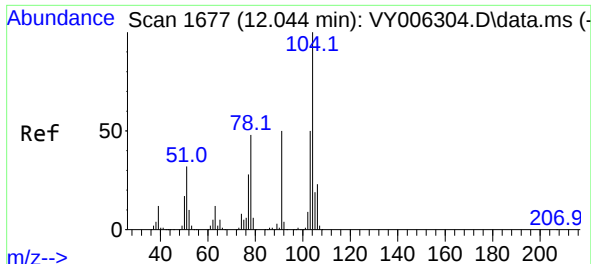
Tgt Ion:106 Resp: 277024
Ion Ratio Lower Upper
106 100
91 207.3 145.7 270.5



#54
o-Xylene
Concen: 44.587 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion:106 Resp: 267718
Ion Ratio Lower Upper
106 100
91 218.9 150.6 279.6

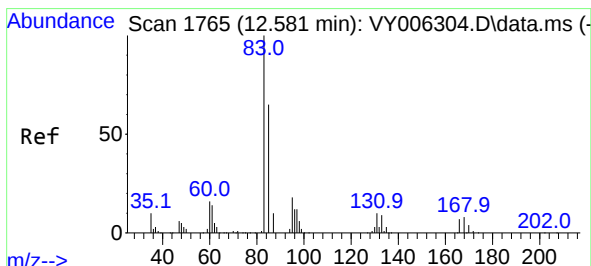
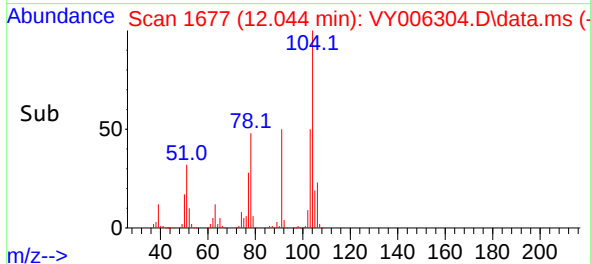
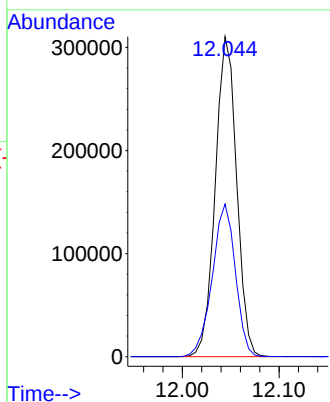
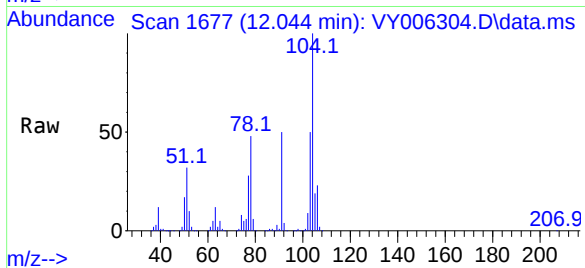




#55
Styrene
Concen: 45.517 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

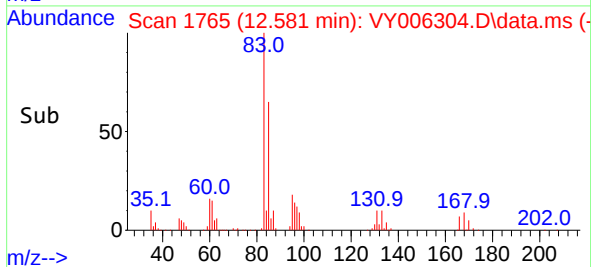
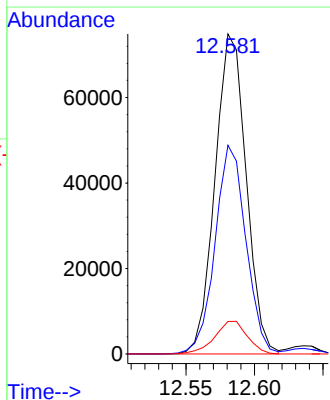
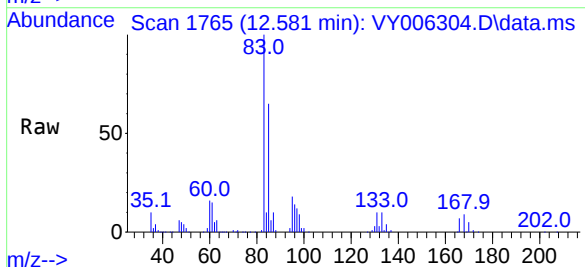
Instrument :
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ClientSampleId :
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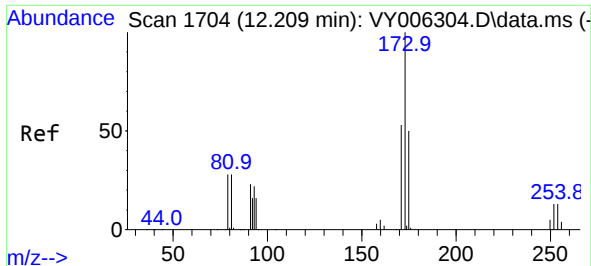
Tgt Ion:104 Resp: 475167
Ion Ratio Lower Upper
104 100
78 47.7 31.8 59.0



#57
1,1,2,2-Tetrachloroethane
Concen: 35.078 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 83 Resp: 118348
Ion Ratio Lower Upper
83 100
85 65.2 45.0 83.6
131 10.2 6.9 10.3

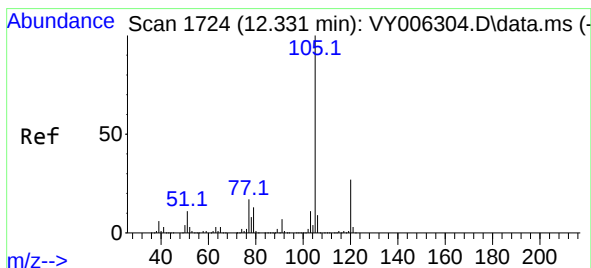
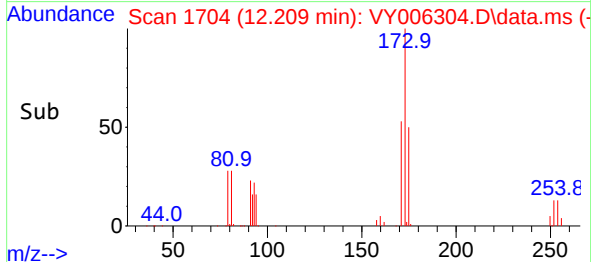
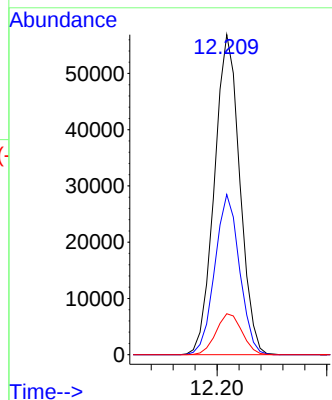
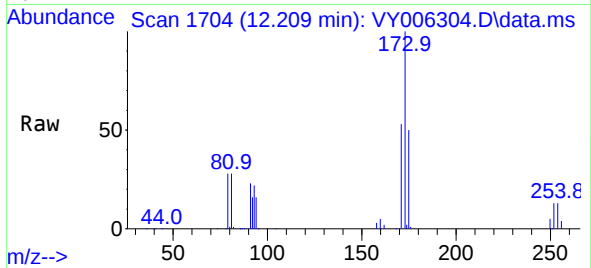




#59
Bromoform
Concen: 40.306 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

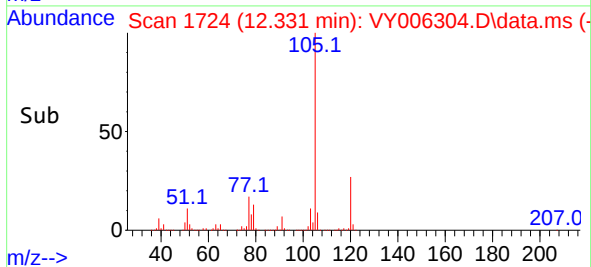
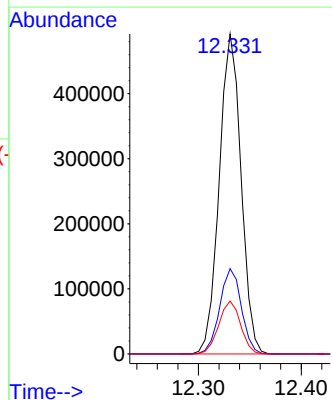
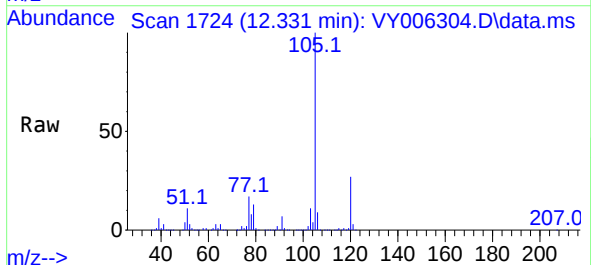
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

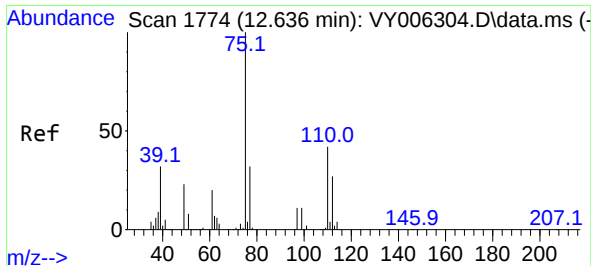
Tgt Ion:	173	Resp:	91620
Ion Ratio	Lower	Upper	
173	100		
175	48.7	38.8	58.2
254	13.1	7.3	10.9#



#60
Isopropylbenzene
Concen: 42.320 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion:	105	Resp:	723622
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.0	31.6
77	16.5	12.7	19.1

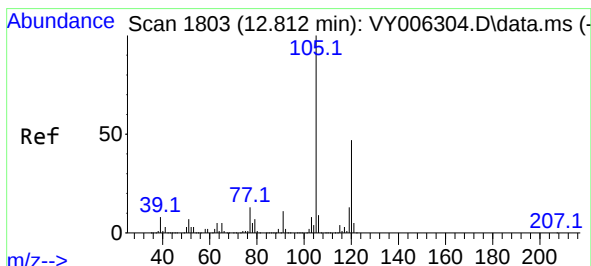
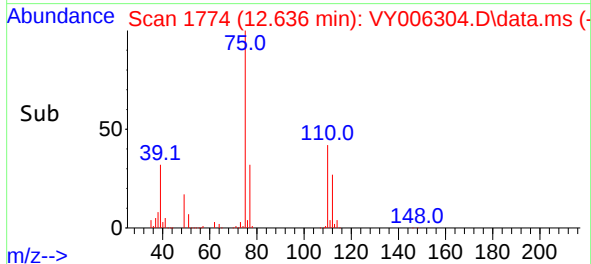
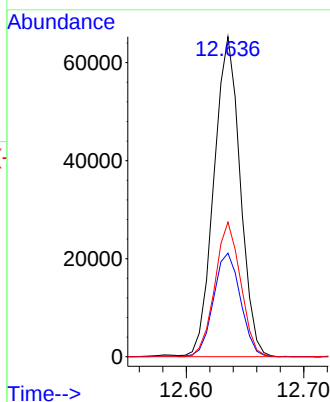
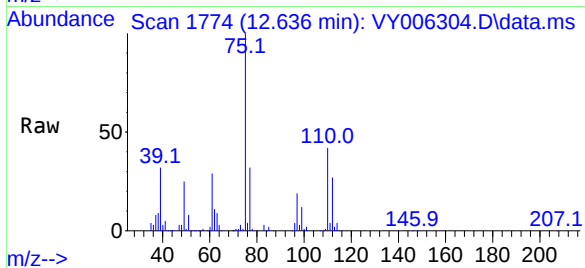




#61
1,2,3-Trichloropropane
Concen: 33.677 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

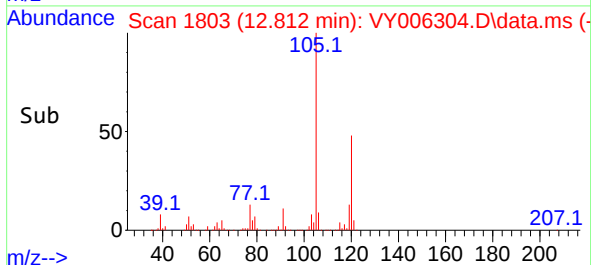
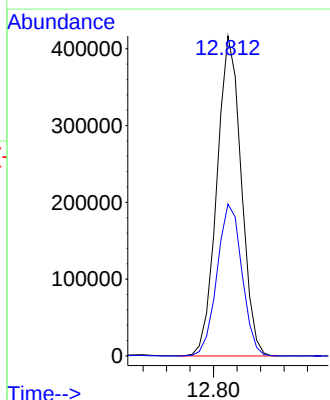
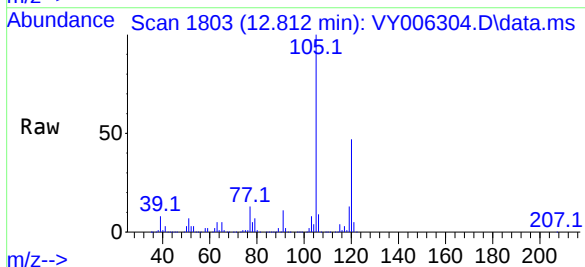
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

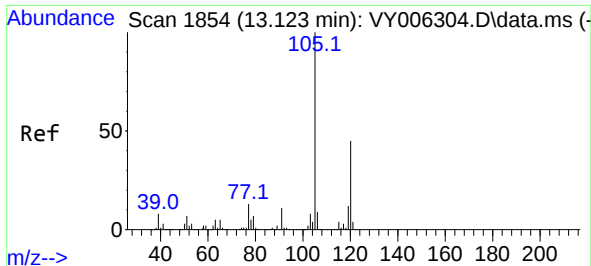
Tgt Ion: 75 Resp: 101461
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5
110 41.1 30.8 46.2



#62
1,3,5-Trimethylbenzene
Concen: 43.290 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion:105 Resp: 599349
Ion Ratio Lower Upper
105 100
120 48.6 38.3 57.5

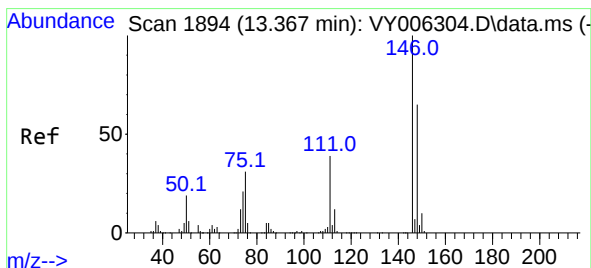
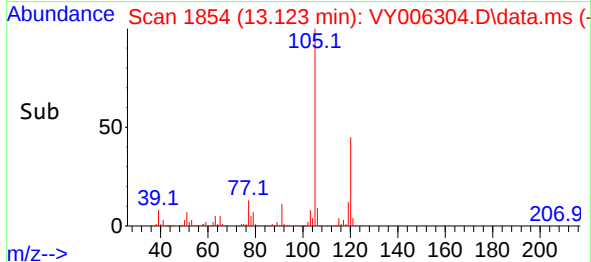
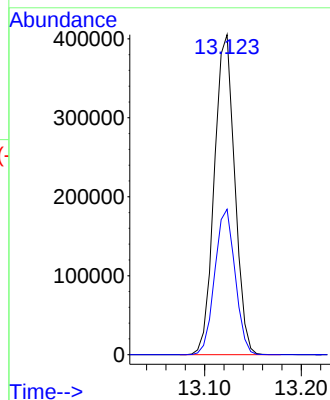
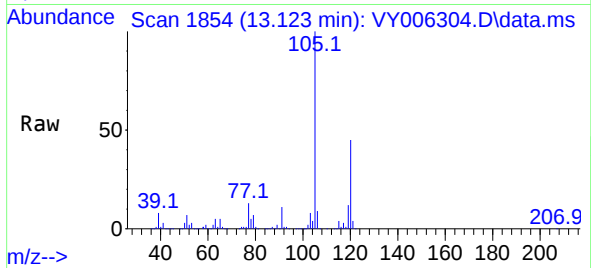




#63
1,2,4-Trimethylbenzene
Concen: 43.047 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

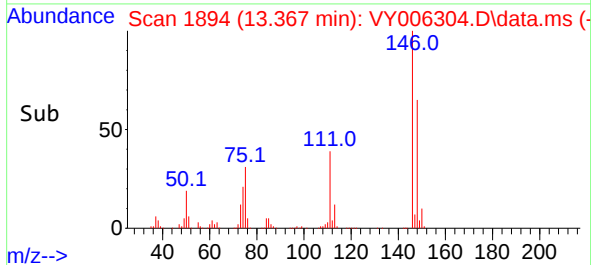
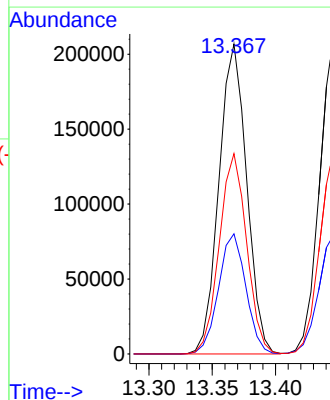
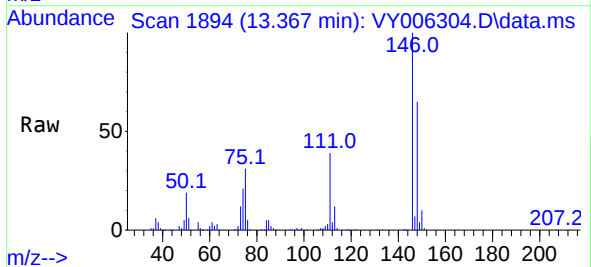
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

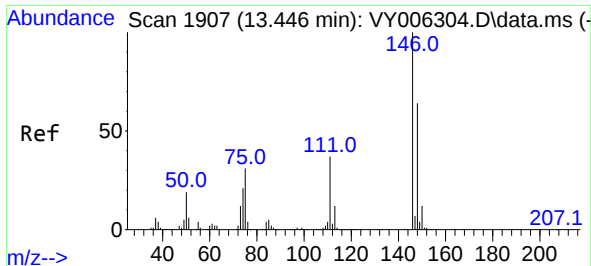
Tgt Ion:105 Resp: 593049
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 42.866 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion:146 Resp: 315160
Ion Ratio Lower Upper
146 100
111 38.8 27.4 51.0
148 64.6 45.1 83.7

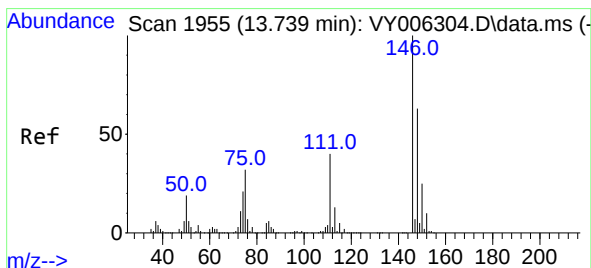
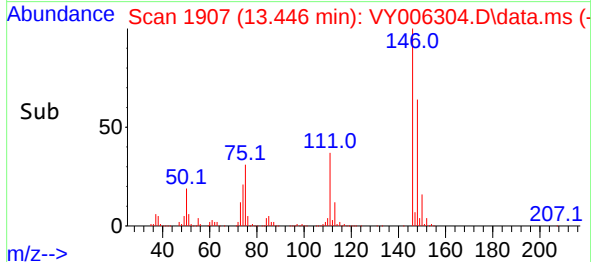
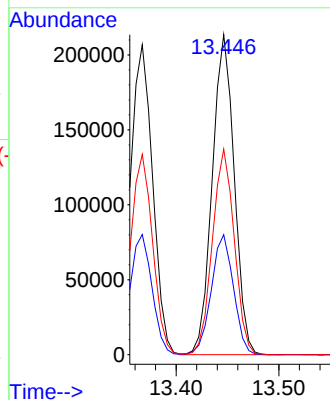
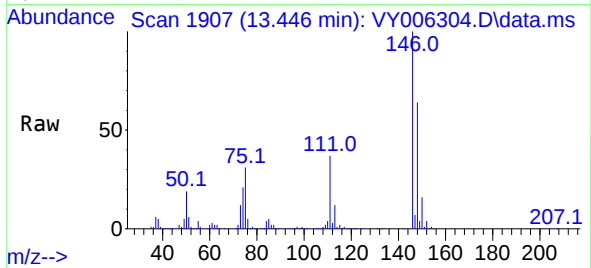




#65
1,4-Dichlorobenzene
Concen: 42.600 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

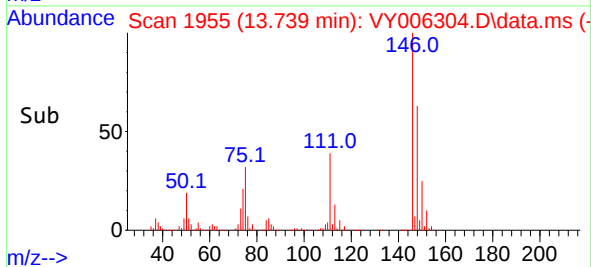
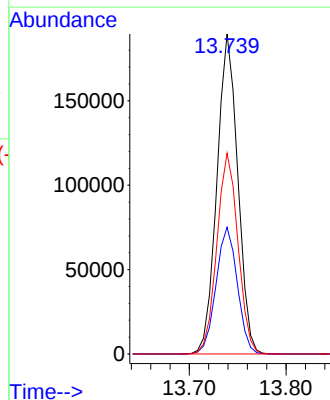
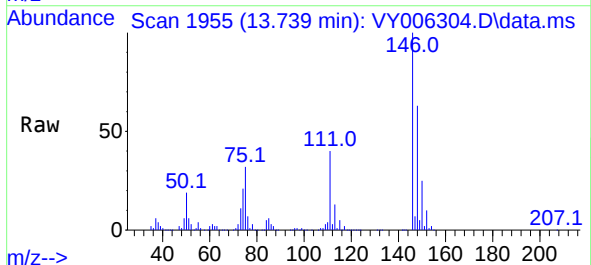
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

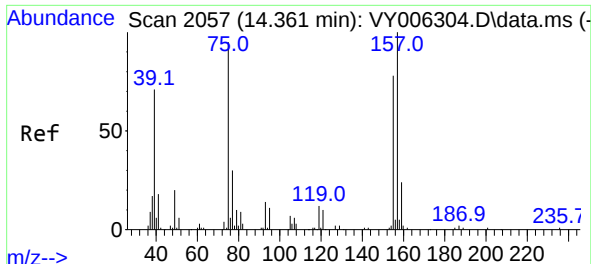
Tgt Ion:146 Resp: 317104
Ion Ratio Lower Upper
146 100
111 37.5 26.4 49.0
148 64.2 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 41.976 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion:146 Resp: 283625
Ion Ratio Lower Upper
146 100
111 39.6 33.9 50.9
148 62.7 49.7 74.5

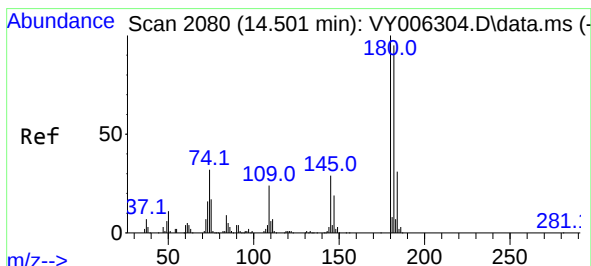
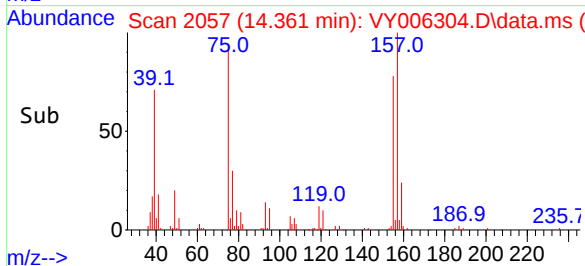
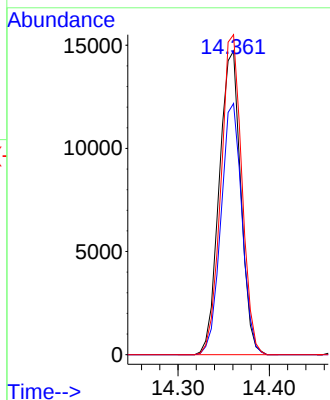
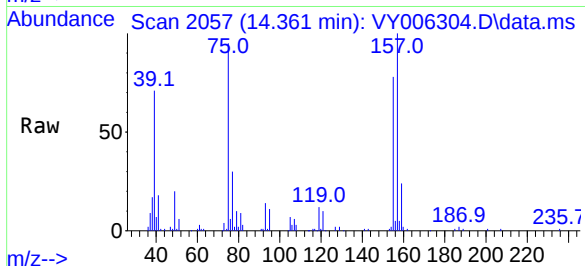




#68
1,2-Dibromo-3-chloropropane
Concen: 34.672 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

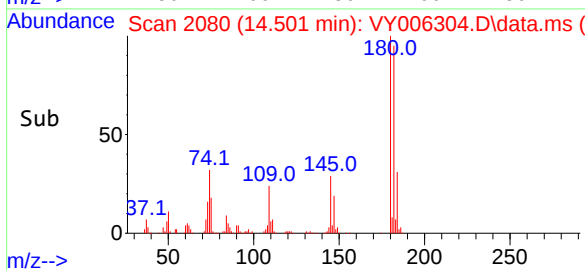
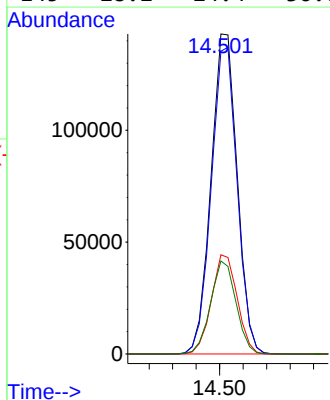
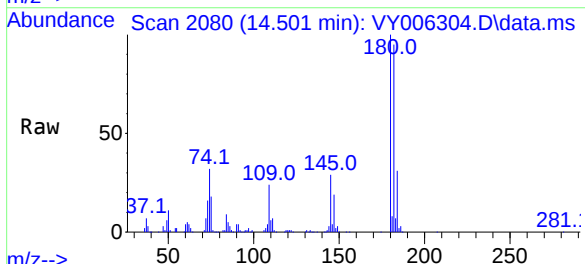
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

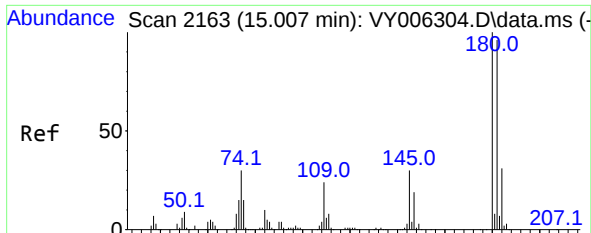
Tgt Ion: 75 Resp: 24086
Ion Ratio Lower Upper
75 100
155 82.7 64.5 96.7
157 105.4 77.4 116.2



#69
1,3,5-Trichlorobenzene
Concen: 44.017 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion: 180 Resp: 221394
Ion Ratio Lower Upper
180 100
182 95.0 76.1 114.1
184 30.6 24.6 36.8
145 28.2 24.4 36.6

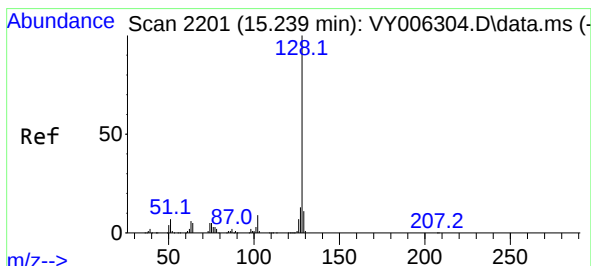
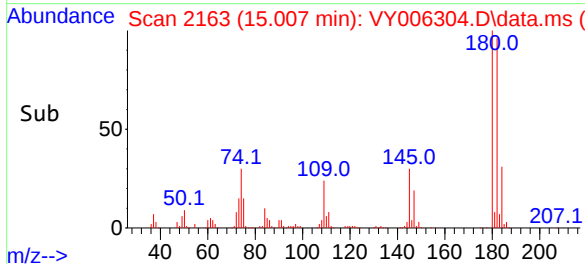
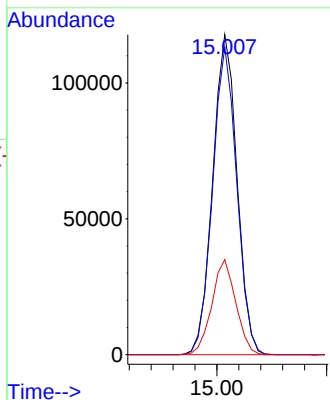
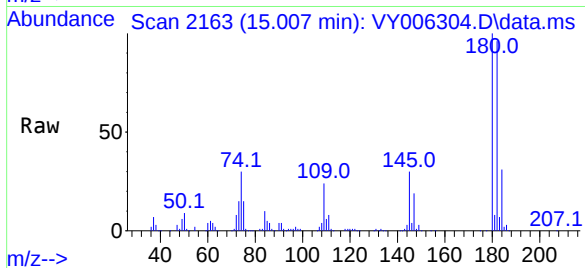




#70
1,2,4-trichlorobenzene
Concen: 43.434 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

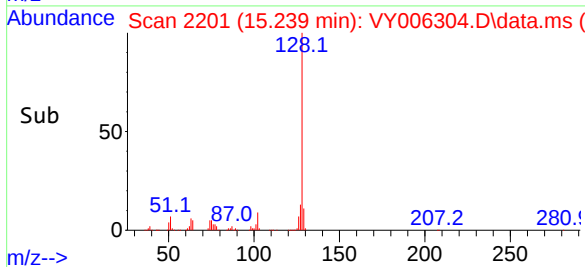
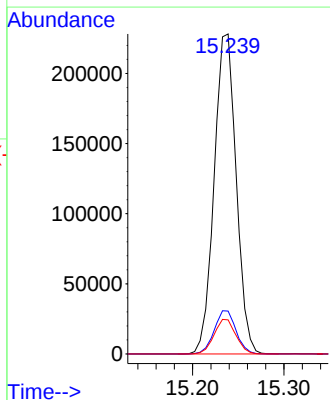
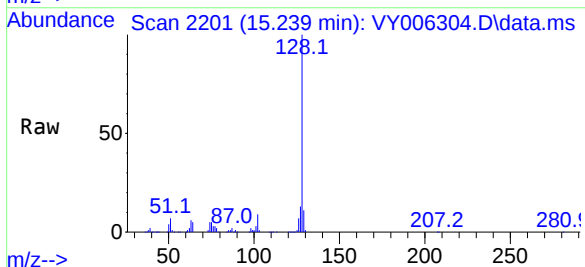
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025816

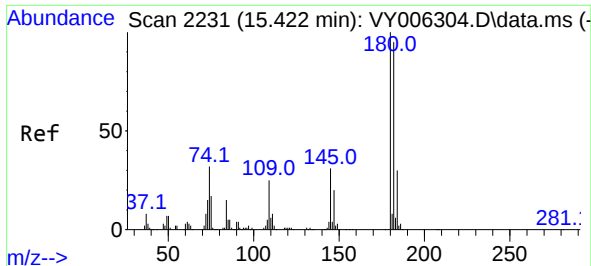
Tgt Ion:180 Resp: 181570
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 29.3 25.0 37.6



#71
Naphthalene
Concen: 38.718 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006304.D
Acq: 05 Oct 2021 09:45

Tgt Ion:128 Resp: 382720
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.7 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 43.014 ug/L
 RT: 15.422 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: VY006304.D
 Acq: 05 Oct 2021 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025816

Tgt Ion:180 Resp: 162211

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	30.7	25.8	38.8

