

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100521\
 Data File : VY006307.D
 Acq On : 05 Oct 2021 12:02
 Operator : SY/MD
 Sample : VSTD02545
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025819

Quant Time: Oct 05 12:07:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 11:20:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.722	114	172733	25.000	ug/L	0.02
28) Chlorobenzene-d5	11.502	117	164367	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	89563	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.308	65	695	0.238	ug/L	0.06
7) Chloroethane-d5	2.796	69	247	0.114	ug/L	0.02
11) 1,1-Dichloroethene-d2	3.979	63	134071	27.789	ug/L	0.11
21) 2-Butanone-d5	6.960	46	35141	43.521	ug/L	0.07
24) Chloroform-d	7.533	84	110420	25.211	ug/L	0.04
26) 1,2-Dichloroethane-d4	8.185	65	67454	23.403	ug/L	0.04
32) Benzene-d6	8.155	84	220995	24.279	ug/L	0.04
36) 1,2-Dichloropropane-d6	9.149	67	63634	23.750	ug/L	0.02
41) Toluene-d8	10.197	98	207407	23.902	ug/L	0.01
43) trans-1,3-Dichloroprop...	10.447	79	33552	24.297	ug/L	0.00
47) 2-Hexanone-d5	10.801	63	24541	41.366	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.563	84	49489	23.619	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.727	152	74712	23.959	ug/L	0.00
Target Compounds						
						Qvalue
3) Chloromethane	2.241	50	41447	13.226	ug/L	99
6) Bromomethane	2.784	94	47485	28.742	ug/L	97
9) Trichlorofluoromethane	3.253	101	116017	25.319	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.021	101	63205	27.531	ug/L	97
12) 1,1-Dichloroethene	3.997	96	58768	26.524	ug/L	90
13) Acetone	4.070	43	26954	30.333	ug/L	87
14) Carbon disulfide	4.320	76	212263	26.463	ug/L	99
15) Methyl Acetate	4.594	43	34225	24.224	ug/L	100
16) Methylene chloride	4.844	84	66260	21.157	ug/L	96
17) trans-1,2-Dichloroethene	5.332	96	64692	27.093	ug/L	93
18) Methyl tert-butyl Ether	5.326	73	158485	25.481	ug/L	98
19) 1,1-Dichloroethane	6.112	63	116480	26.870	ug/L	98
20) cis-1,2-Dichloroethene	7.057	96	59188	23.699	ug/L	94
22) 2-Butanone	7.045	43	34848	33.847	ug/L	97
23) Bromochloromethane	7.399	128	25540	22.411	ug/L #	85
25) Chloroform	7.563	83	106961	22.515	ug/L	97
27) 1,2-Dichloroethane	8.277	62	76205	22.616	ug/L	97
29) Cyclohexane	7.838	56	103279	24.073	ug/L	99
30) 1,1,1-Trichloroethane	7.752	97	100844	23.762	ug/L	99
31) Carbon tetrachloride	7.947	117	91309	23.784	ug/L	100
33) Benzene	8.204	78	237355	23.153	ug/L	100
34) Trichloroethene	8.972	95	58997	22.724	ug/L	96
35) Methylcyclohexane	9.209	83	106876	23.563	ug/L	99
37) 1,2-Dichloropropane	9.240	63	56072	22.841	ug/L	98
38) Bromodichloromethane	9.520	83	78004	23.174	ug/L	98
39) cis-1,3-Dichloropropene	9.947	75	91482	23.643	ug/L	99
40) 4-Methyl-2-pentanone	10.087	43	82807	42.314	ug/L	99
42) Toluene	10.264	91	257470	23.305	ug/L	97
44) trans-1,3-Dichloropropene	10.478	75	84653	23.132	ug/L	99
45) 1,1,2-Trichloroethane	10.654	97	40031	22.145	ug/L	97
46) Tetrachloroethene	10.734	164	50560	23.479	ug/L	95
48) 2-Hexanone	10.843	43	65305	43.334	ug/L	99

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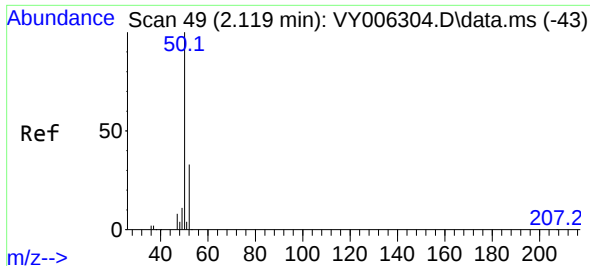
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	10.996	129	51810	22.885	ug/L	97
50) 1,2-Dibromoethane	11.099	107	37321	22.140	ug/L #	97
51) Chlorobenzene	11.526	112	154253	22.977	ug/L	99
52) Ethylbenzene	11.599	91	276009	23.438	ug/L	100
53) m,p-Xylene	11.709	106	107100	23.751	ug/L	95
54) o-Xylene	12.038	106	101805	23.593	ug/L	100
55) Styrene	12.050	104	177396	23.653	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.587	83	46026	23.199	ug/L #	99
59) Bromoform	12.215	173	32673	21.175	ug/L #	98
60) Isopropylbenzene	12.337	105	280934	22.828	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	36626	20.335	ug/L	98
62) 1,3,5-Trimethylbenzene	12.819	105	235645	23.651	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	233394	23.759	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	128112	23.205	ug/L	96
65) 1,4-Dichlorobenzene	13.447	146	128448	23.122	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	116309	23.161	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	9516	21.974	ug/L	91
69) 1,3,5-Trichlorobenzene	14.507	180	100222	25.803	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	83344	26.521	ug/L	98
71) Naphthalene	15.239	128	155615	25.422	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	73964	27.196	ug/L	99

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

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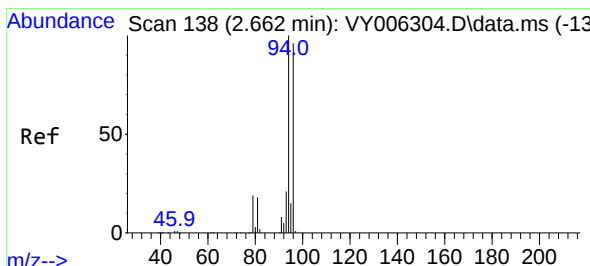
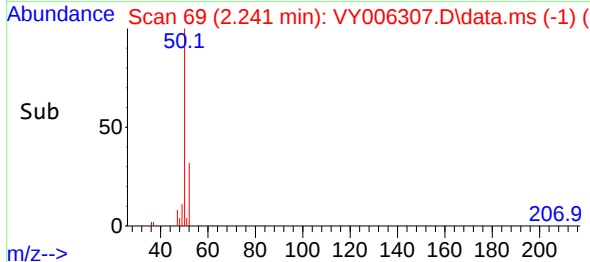
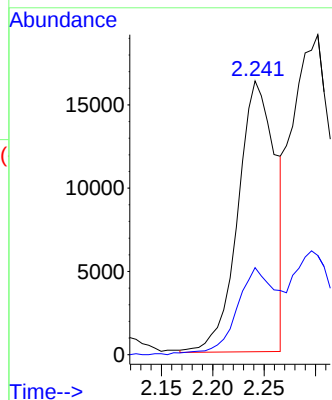
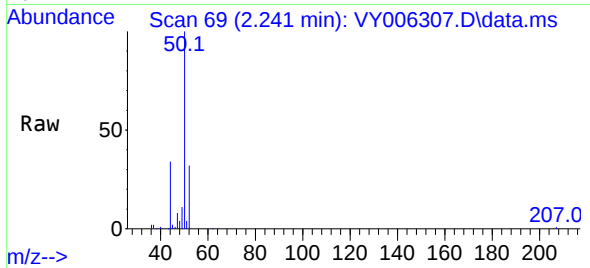




#3
Chloromethane
Concen: 13.226 ug/L
RT: 2.241 min Scan# 69
Delta R.T. 0.122 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

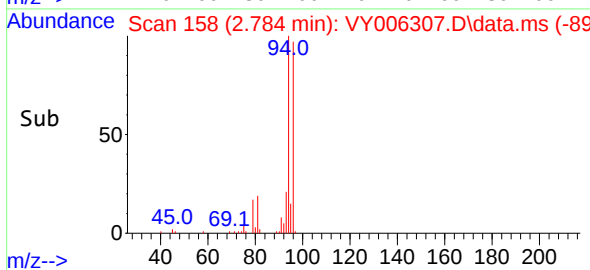
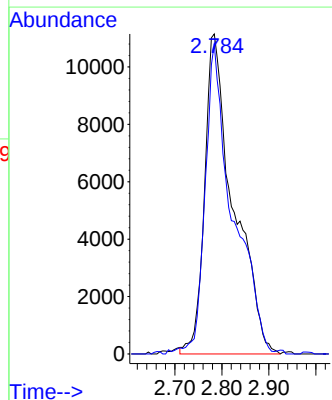
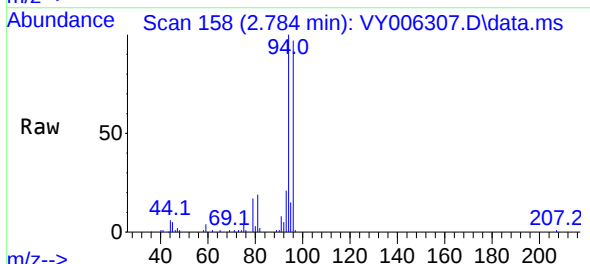
Instrument :
MSVOA_Y
ClientSampleId :
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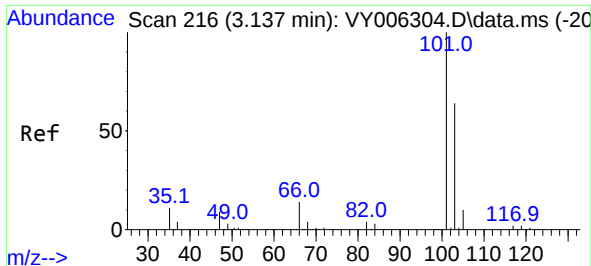
Tgt Ion: 50 Resp: 41447
Ion Ratio Lower Upper
50 100
52 31.8 21.8 40.4



#6
Bromomethane
Concen: 28.742 ug/L
RT: 2.784 min Scan# 158
Delta R.T. 0.122 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 94 Resp: 47485
Ion Ratio Lower Upper
94 100
96 96.9 65.9 122.5

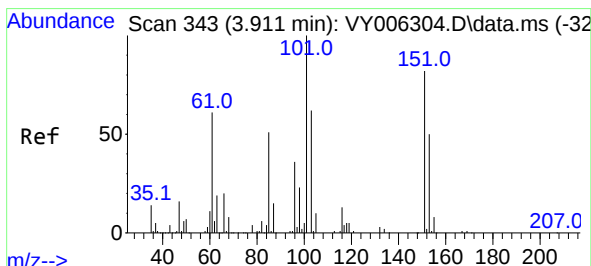
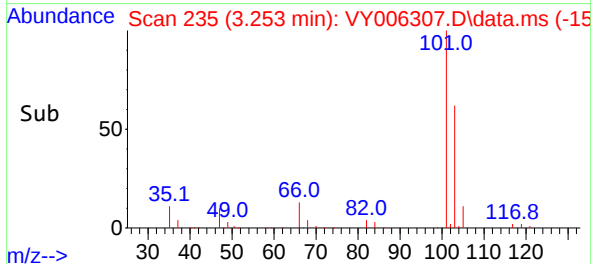
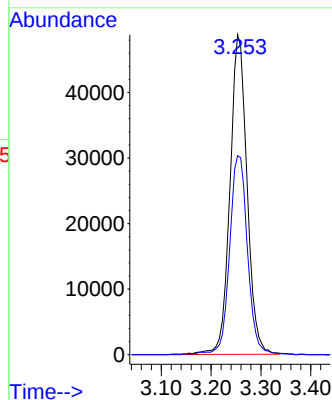
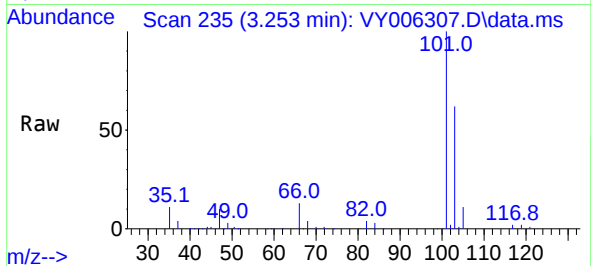




#9
Trichlorofluoromethane
Concen: 25.319 ug/L
RT: 3.253 min Scan# 235
Delta R.T. 0.116 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

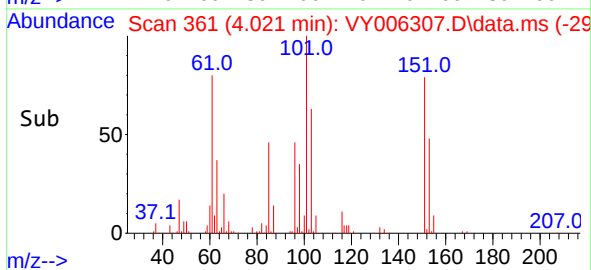
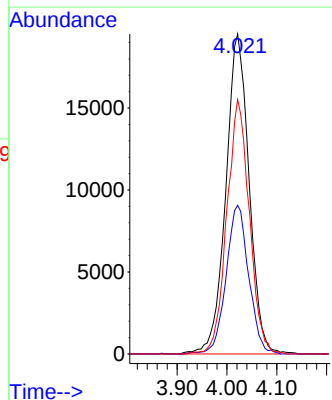
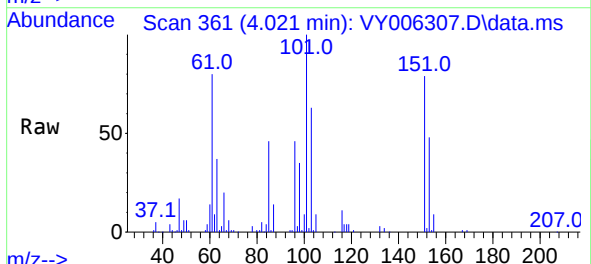
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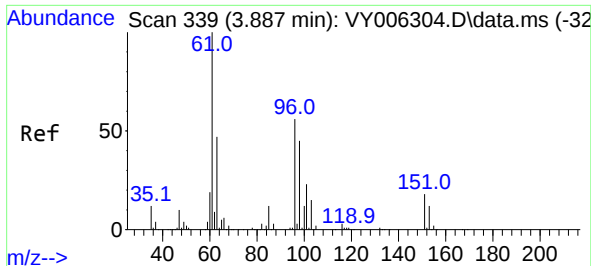
Tgt Ion:101 Resp: 116017
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.531 ug/L
RT: 4.021 min Scan# 361
Delta R.T. 0.110 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:101 Resp: 63205
Ion Ratio Lower Upper
101 100
85 45.0 36.6 54.8
151 77.1 59.0 88.4

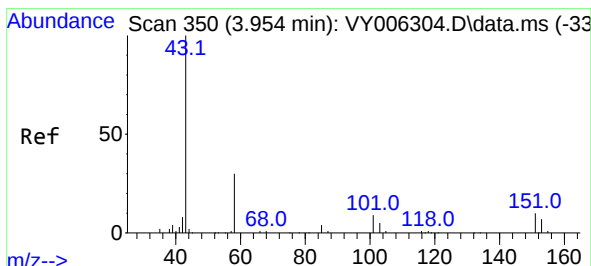
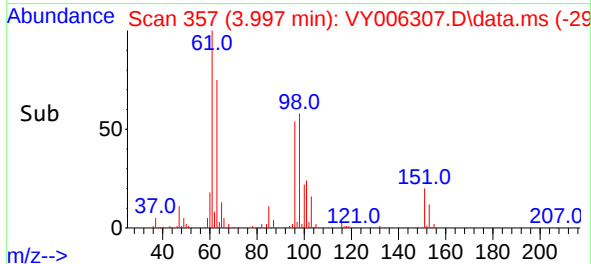
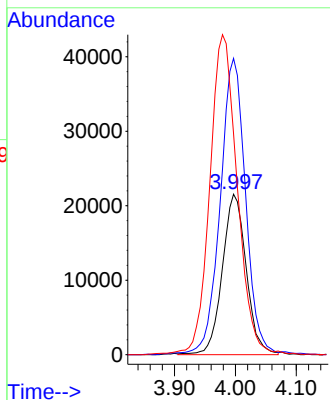
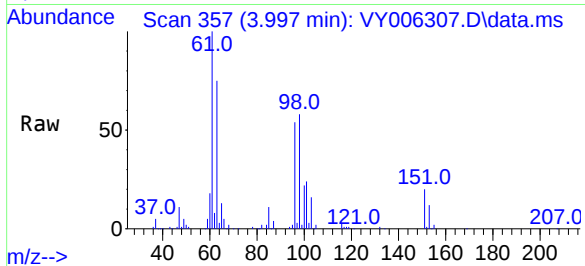




#12
1,1-Dichloroethene
Concen: 26.524 ug/L
RT: 3.997 min Scan# 357
Delta R.T. 0.110 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

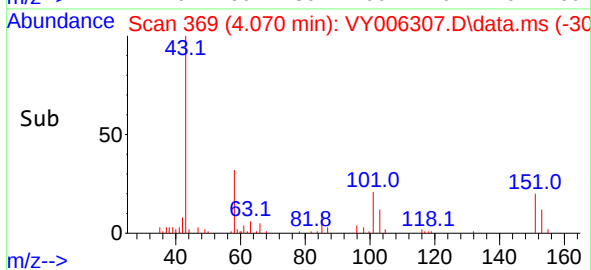
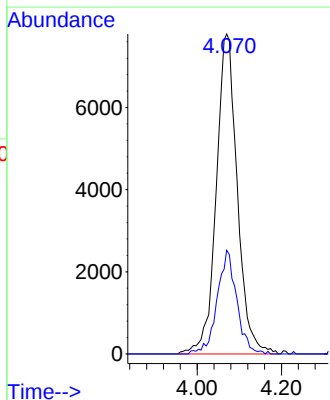
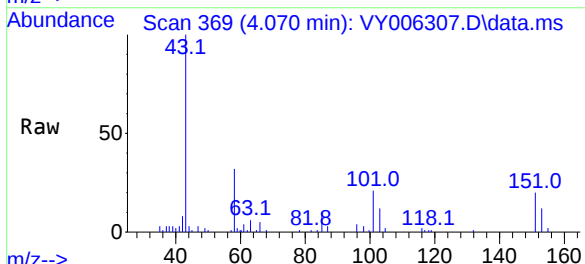
Instrument :
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ClientSampleId :
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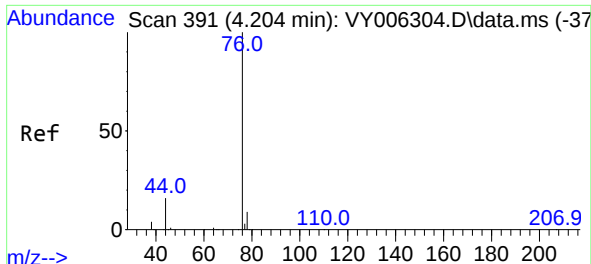
Tgt Ion: 96 Resp: 58768
Ion Ratio Lower Upper
96 100
61 184.6 121.2 225.2
63 137.7 86.9 161.3



#13
Acetone
Concen: 30.333 ug/L
RT: 4.070 min Scan# 369
Delta R.T. 0.116 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 43 Resp: 26954
Ion Ratio Lower Upper
43 100
58 23.5 0.0 61.0

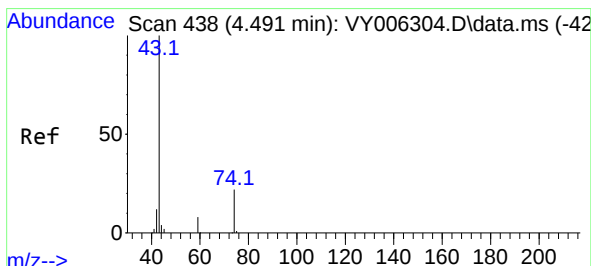
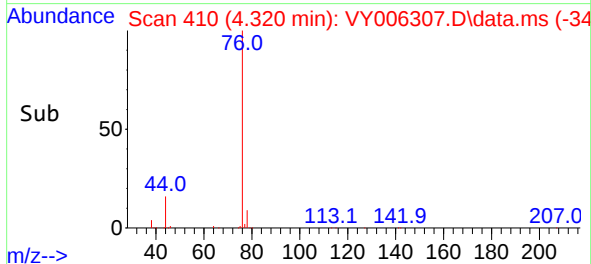
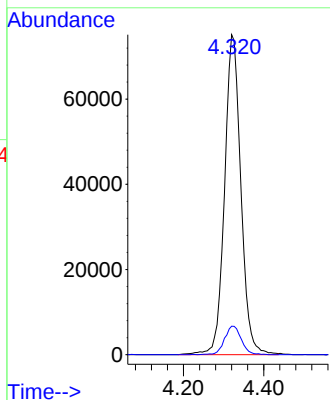
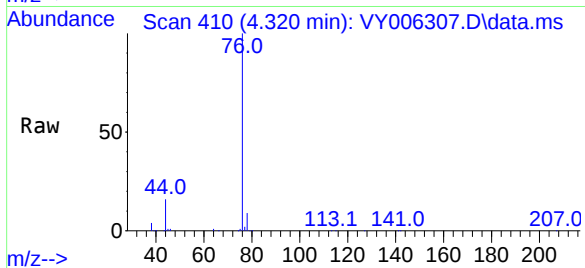




#14
Carbon disulfide
Concen: 26.463 ug/L
RT: 4.320 min Scan# 410
Delta R.T. 0.116 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

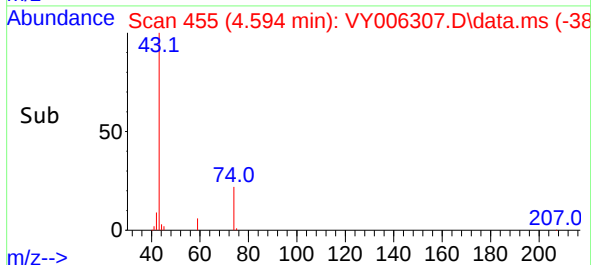
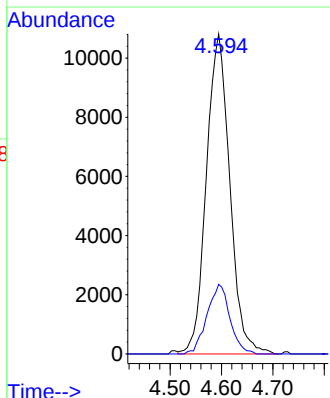
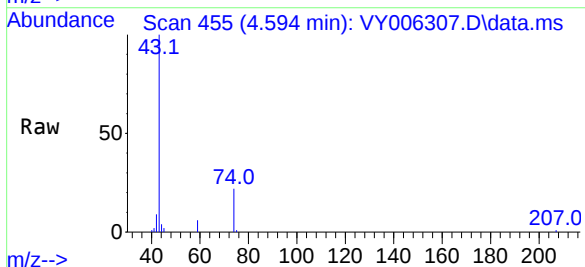
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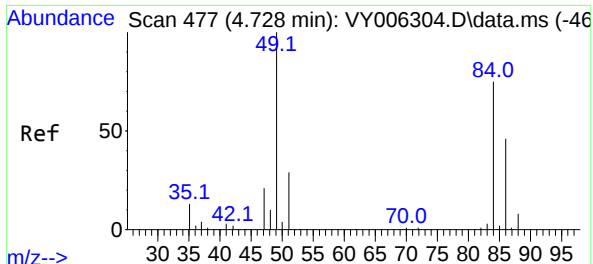
Tgt Ion: 76 Resp: 212263
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2



#15
Methyl Acetate
Concen: 24.224 ug/L
RT: 4.594 min Scan# 455
Delta R.T. 0.104 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 43 Resp: 34225
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1

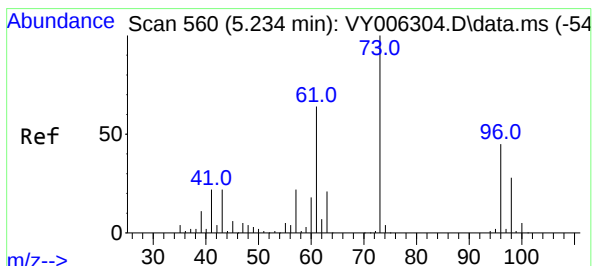
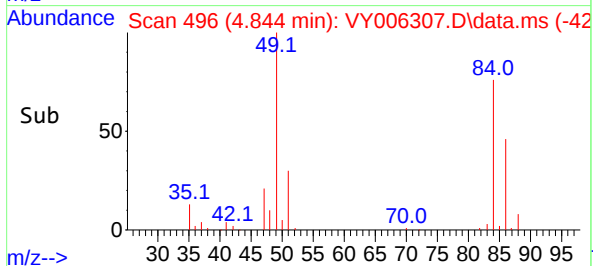
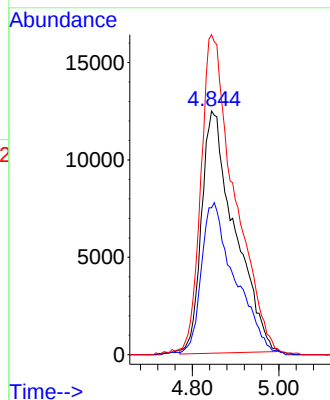
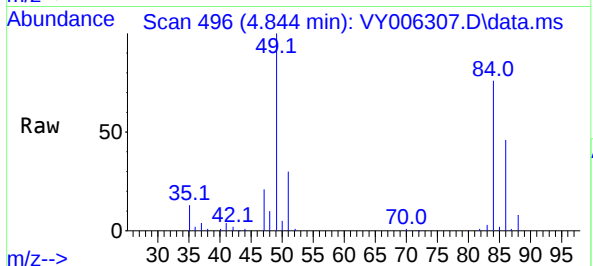




#16
Methylene chloride
Concen: 21.157 ug/L
RT: 4.844 min Scan# 496
Delta R.T. 0.116 min
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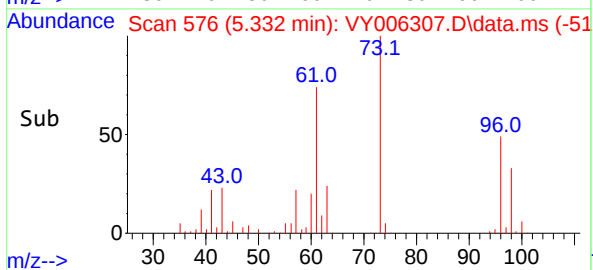
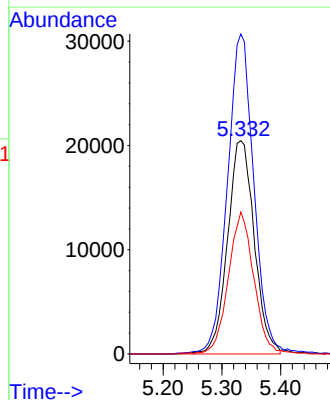
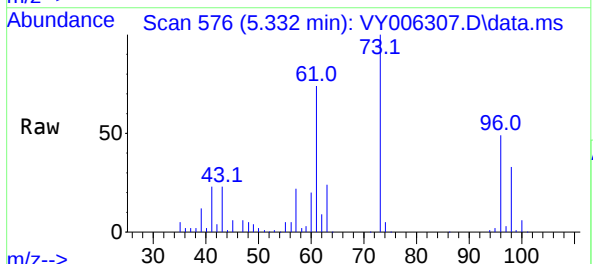
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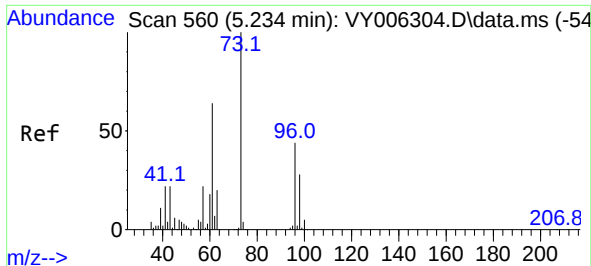
Tgt Ion: 84 Resp: 66260
Ion Ratio Lower Upper
84 100
86 60.3 43.2 80.2
49 131.3 96.0 178.4



#17
trans-1,2-Dichloroethene
Concen: 27.093 ug/L
RT: 5.332 min Scan# 576
Delta R.T. 0.098 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 96 Resp: 64692
Ion Ratio Lower Upper
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61 150.1 97.6 181.2
98 66.6 44.8 83.2



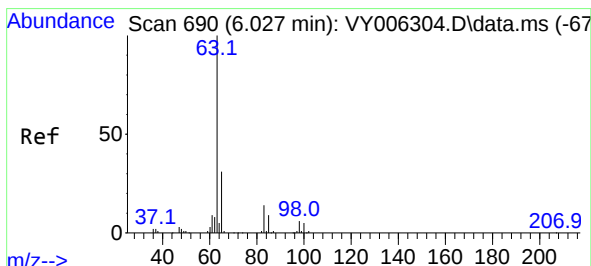
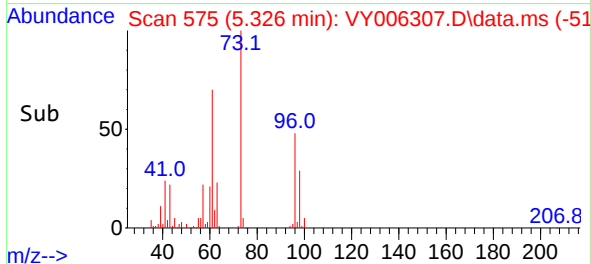
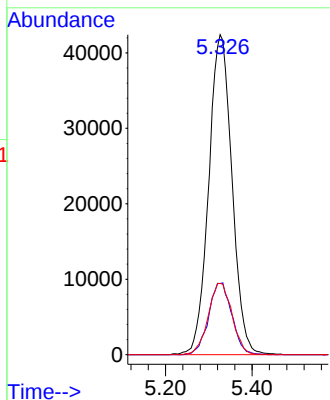
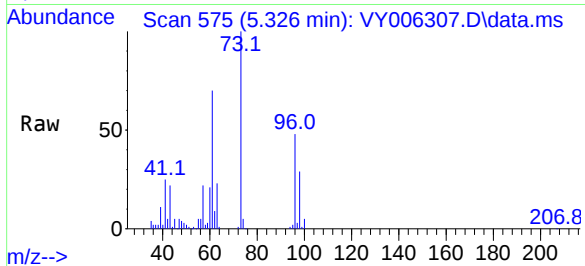


#18
Methyl tert-butyl Ether
Concen: 25.481 ug/L
RT: 5.326 min Scan# 575
Delta R.T. 0.092 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

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Tgt Ion: 73 Resp: 158485

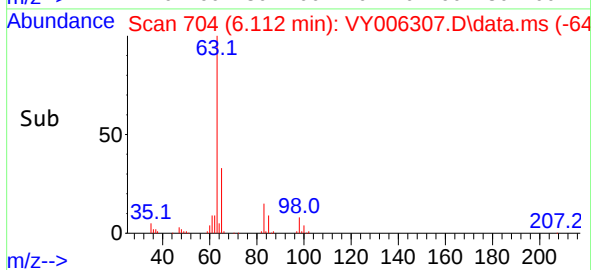
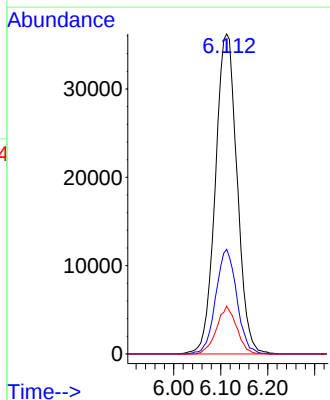
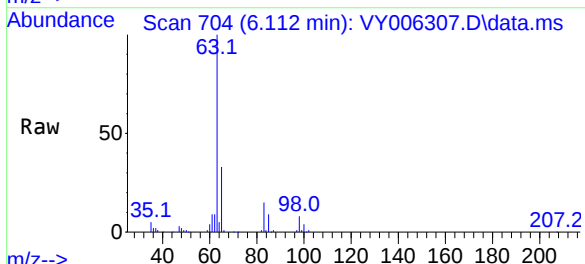
Ion	Ratio	Lower	Upper
73	100		
43	22.4	16.8	25.2
57	22.8	18.7	28.1

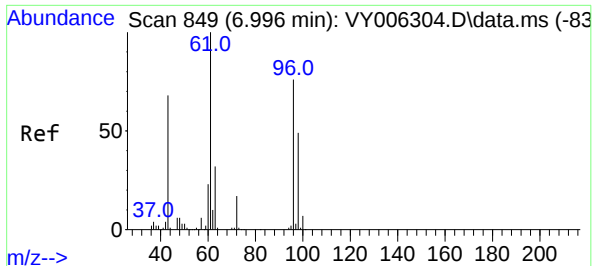


#19
1,1-Dichloroethane
Concen: 26.870 ug/L
RT: 6.112 min Scan# 704
Delta R.T. 0.085 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 63 Resp: 116480

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.4	41.6
83	14.9	9.5	17.7

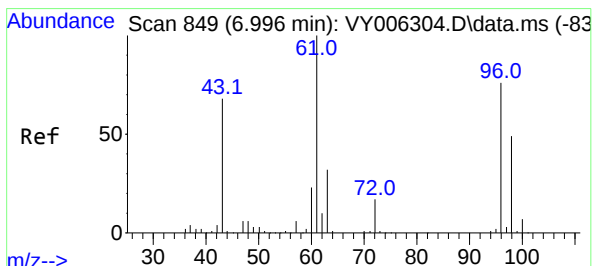
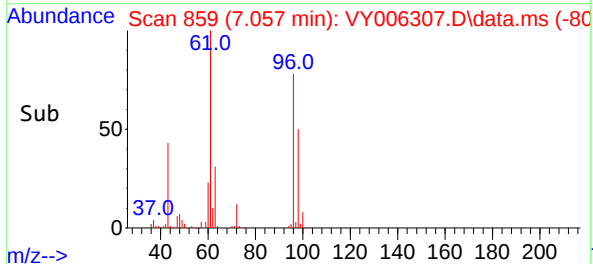
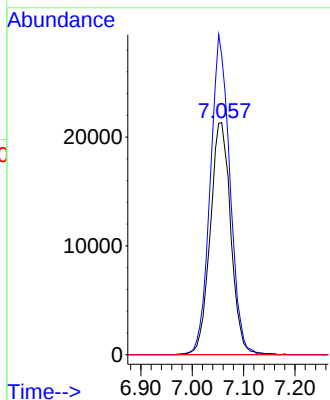
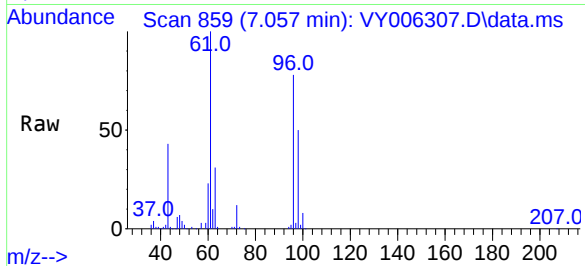




#20
cis-1,2-Dichloroethene
Concen: 23.699 ug/L
RT: 7.057 min Scan# 859
Delta R.T. 0.061 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

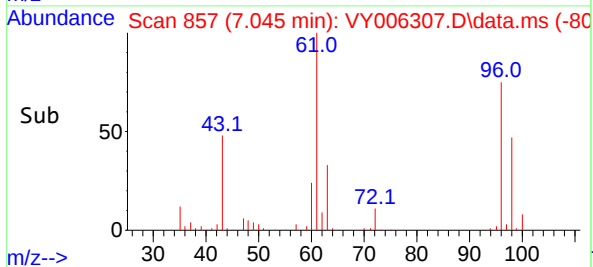
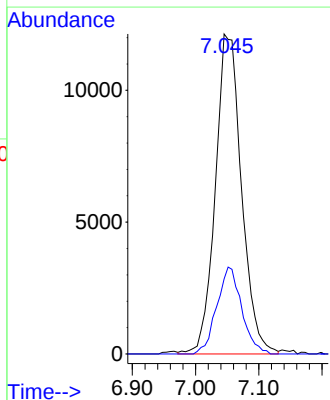
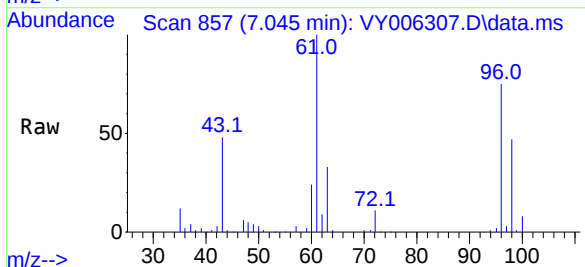
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

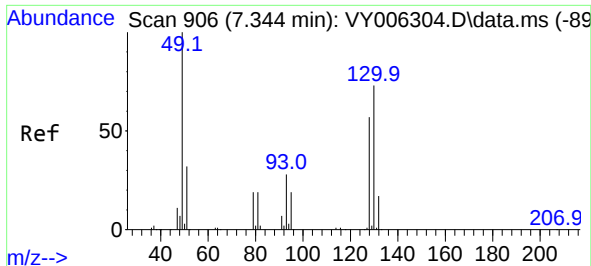
Tgt Ion: 96 Resp: 59188
Ion Ratio Lower Upper
96 100
61 128.9 94.8 176.2
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 33.847 ug/L
RT: 7.045 min Scan# 857
Delta R.T. 0.049 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

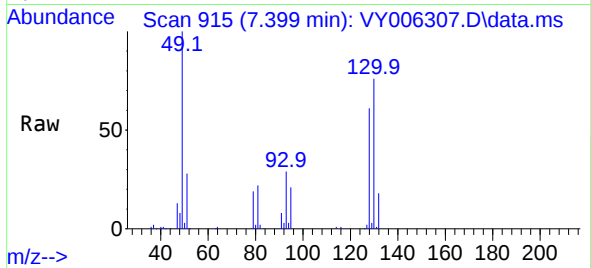
Tgt Ion: 43 Resp: 34848
Ion Ratio Lower Upper
43 100
72 25.8 12.2 36.6



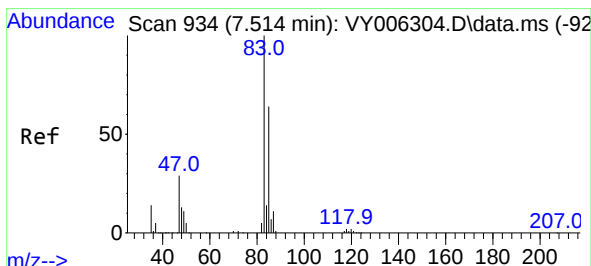
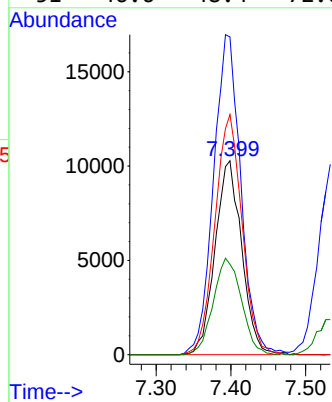
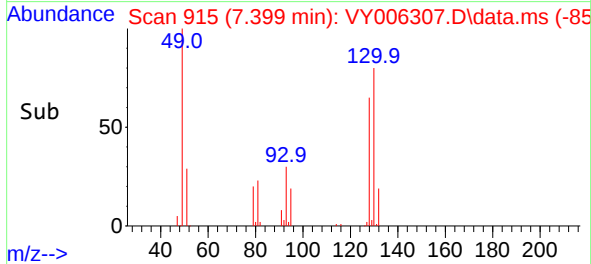


#23
Bromochloromethane
Concen: 22.411 ug/L
RT: 7.399 min Scan# 915
Delta R.T. 0.055 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

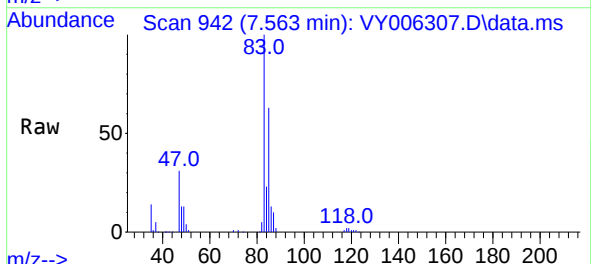
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819



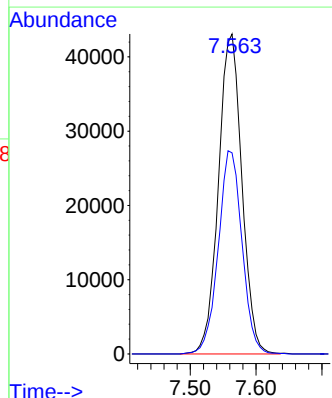
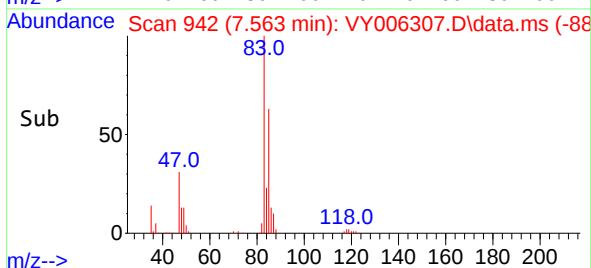
Tgt Ion:128 Resp: 25540
Ion Ratio Lower Upper
128 100
49 163.9 138.9 258.1
130 123.9 88.3 164.1
51 46.6 48.4 72.6#

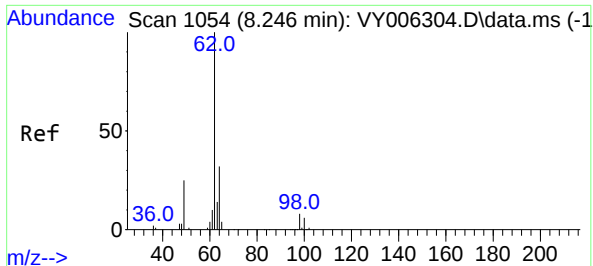


#25
Chloroform
Concen: 22.515 ug/L
RT: 7.563 min Scan# 942
Delta R.T. 0.049 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02



Tgt Ion: 83 Resp: 106961
Ion Ratio Lower Upper
83 100
85 62.8 45.4 84.4

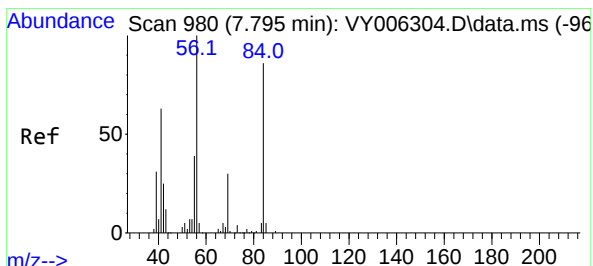
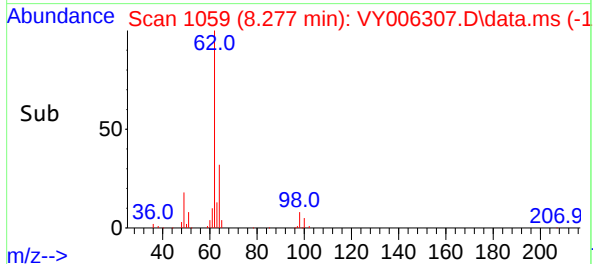
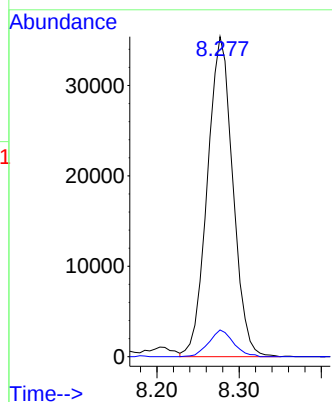
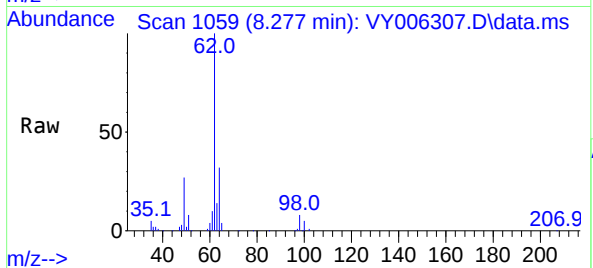




#27
1,2-Dichloroethane
Concen: 22.616 ug/L
RT: 8.277 min Scan# 1059
Delta R.T. 0.031 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

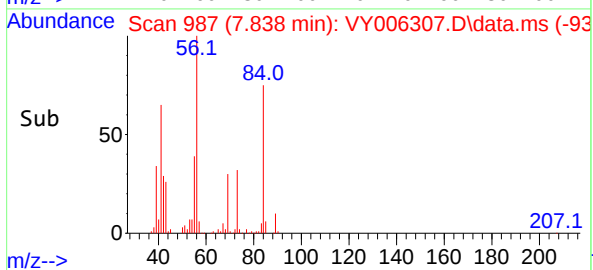
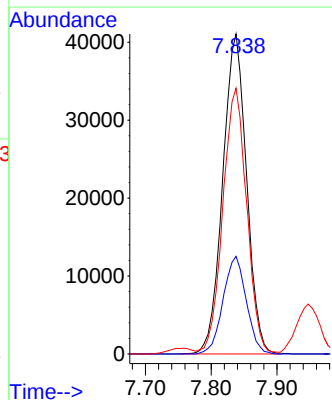
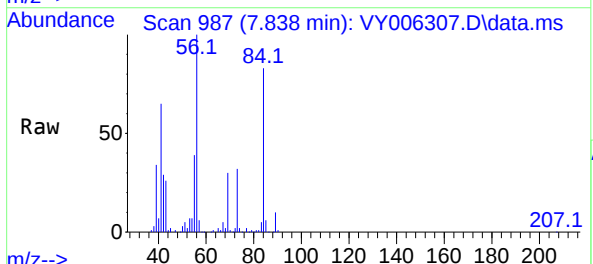
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

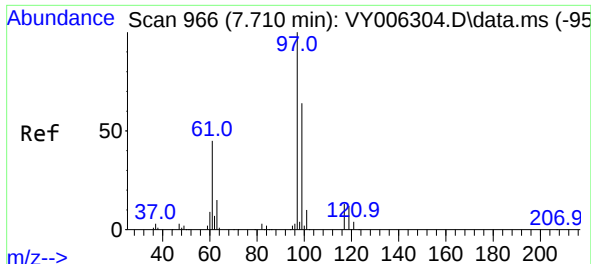
Tgt Ion: 62 Resp: 76205
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3



#29
Cyclohexane
Concen: 24.073 ug/L
RT: 7.838 min Scan# 987
Delta R.T. 0.043 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 56 Resp: 103279
Ion Ratio Lower Upper
56 100
69 29.7 22.6 33.8
84 83.4 66.1 99.1

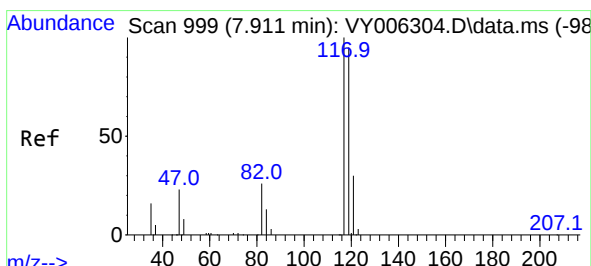
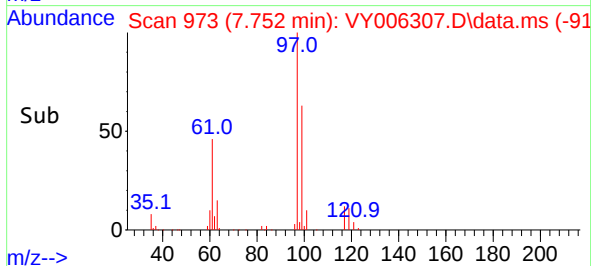
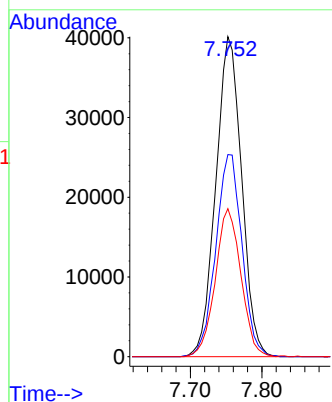
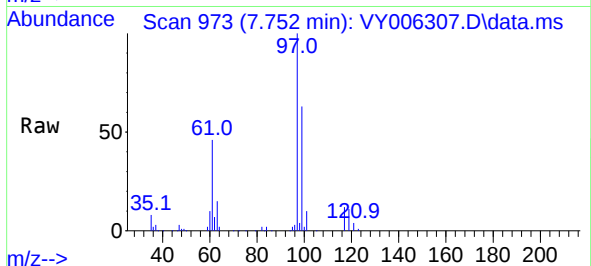




#30
1,1,1-Trichloroethane
Concen: 23.762 ug/L
RT: 7.752 min Scan# 973
Delta R.T. 0.043 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

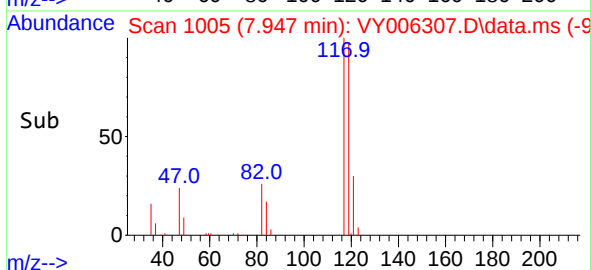
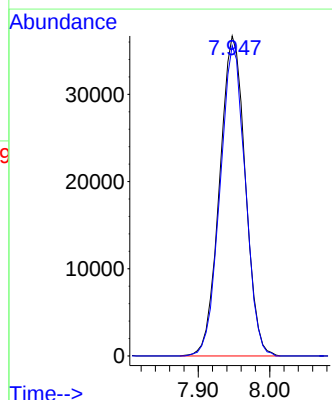
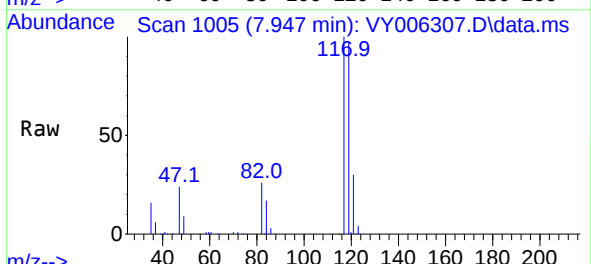
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

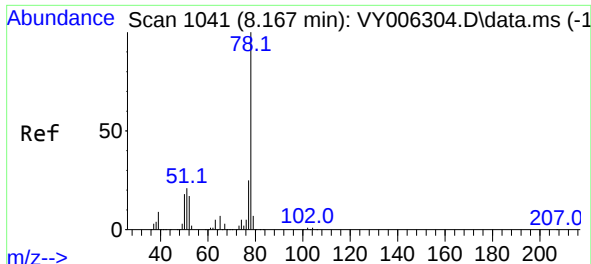
Tgt Ion: 97 Resp: 100844
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 45.8 37.3 55.9



#31
Carbon tetrachloride
Concen: 23.784 ug/L
RT: 7.947 min Scan# 1005
Delta R.T. 0.037 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

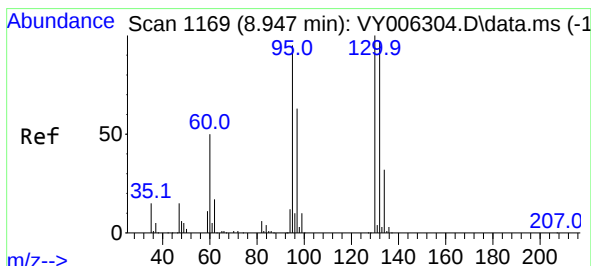
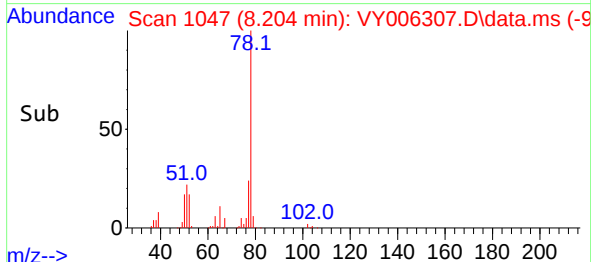
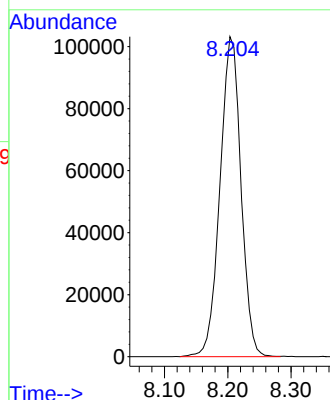
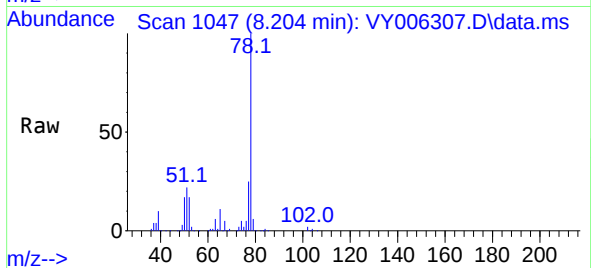
Tgt Ion: 117 Resp: 91309
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



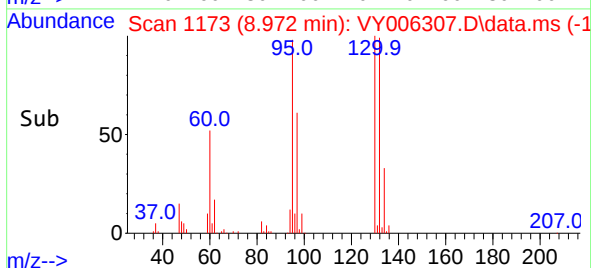
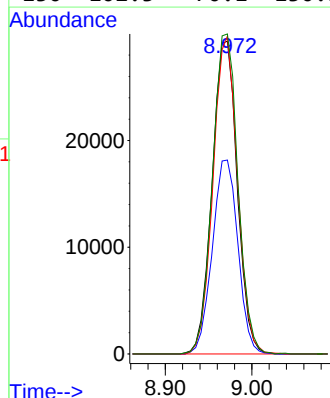
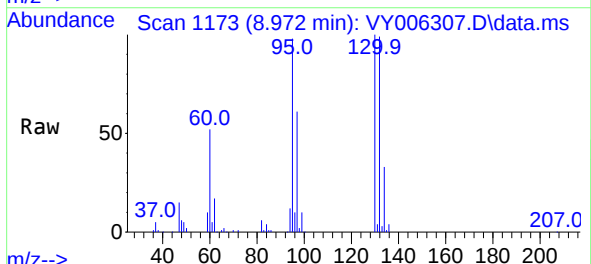


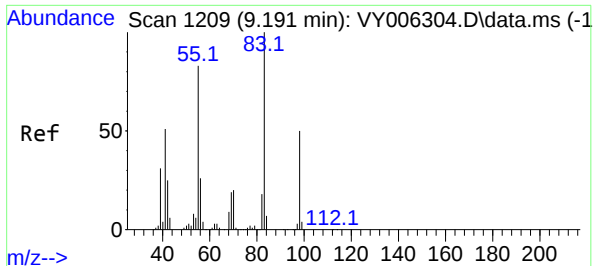
#33
Benzene
Concen: 23.153 ug/L
RT: 8.204 min Scan# 1047
Delta R.T. 0.037 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02
Tgt Ion: 78 Resp: 237355

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819



#34
Trichloroethene
Concen: 22.724 ug/L
RT: 8.972 min Scan# 1173
Delta R.T. 0.025 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02
Tgt Ion: 95 Resp: 58997
Ion Ratio Lower Upper
95 100
97 62.0 44.2 82.2
132 101.6 66.8 124.0
130 102.3 70.1 130.1

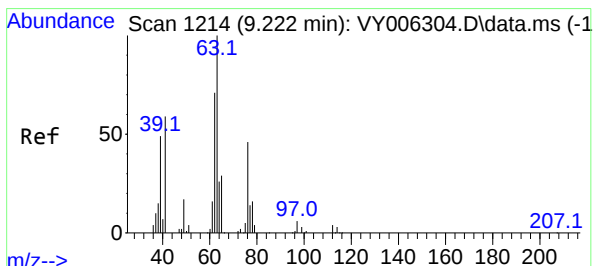
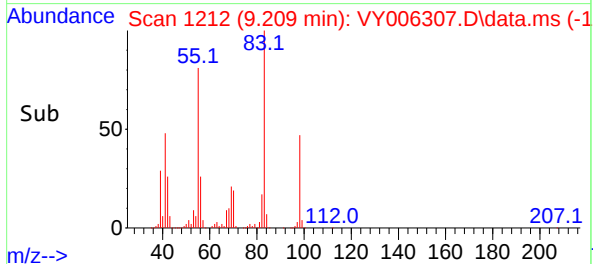
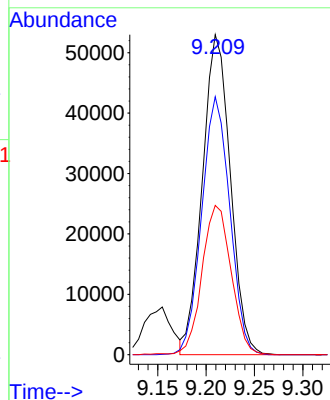
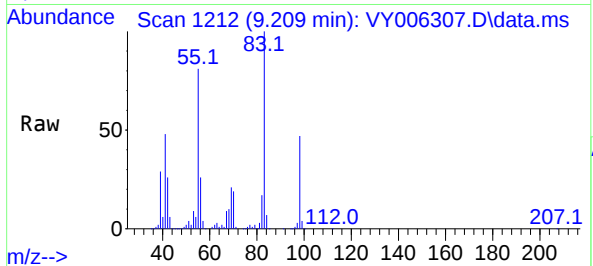




#35
Methylcyclohexane
Concen: 23.563 ug/L
RT: 9.209 min Scan# 1212
Delta R.T. 0.018 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

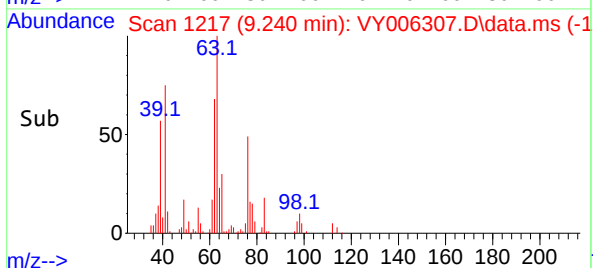
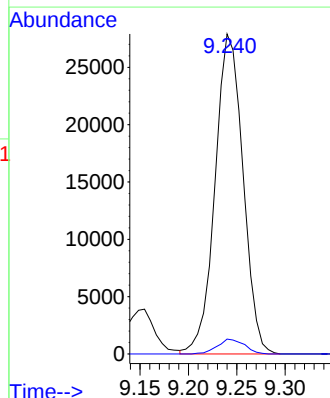
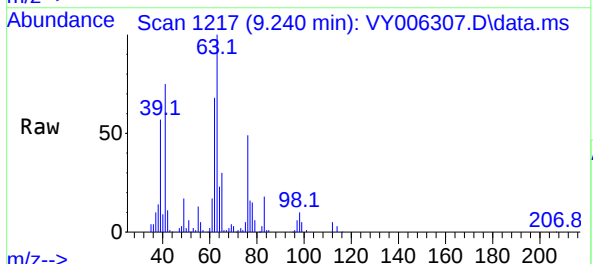
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

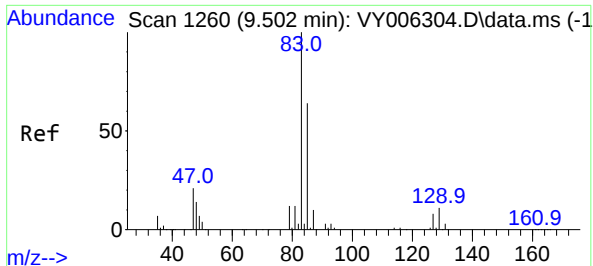
Tgt Ion: 83 Resp: 106876
Ion Ratio Lower Upper
83 100
55 80.9 63.9 95.9
98 48.4 38.7 58.1



#37
1,2-Dichloropropane
Concen: 22.841 ug/L
RT: 9.240 min Scan# 1217
Delta R.T. 0.018 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 63 Resp: 56072
Ion Ratio Lower Upper
63 100
112 4.5 3.1 4.7

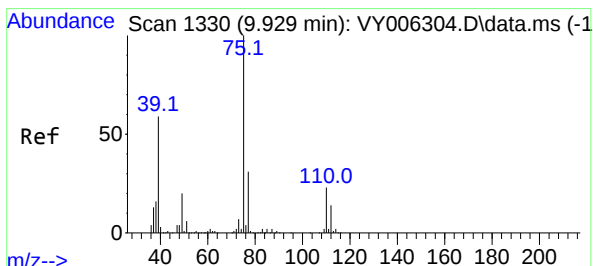
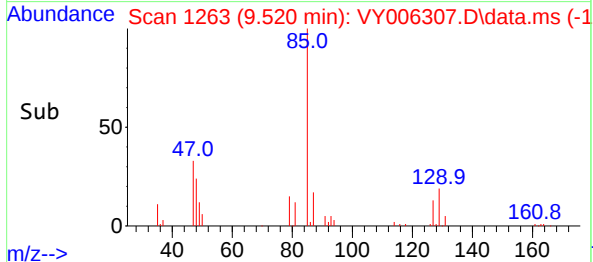
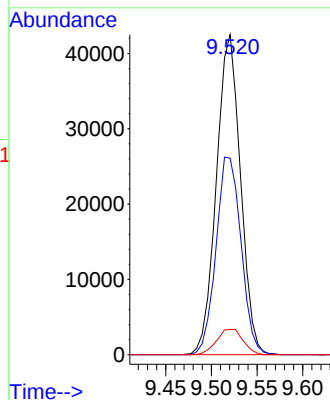
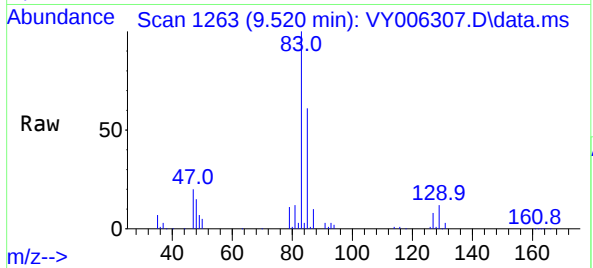




#38
Bromodichloromethane
Concen: 23.174 ug/L
RT: 9.520 min Scan# 1263
Delta R.T. 0.018 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

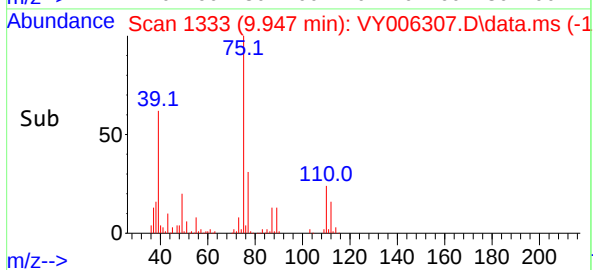
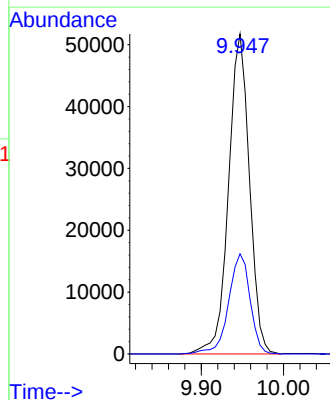
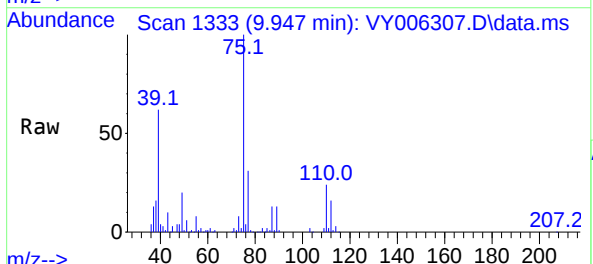
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

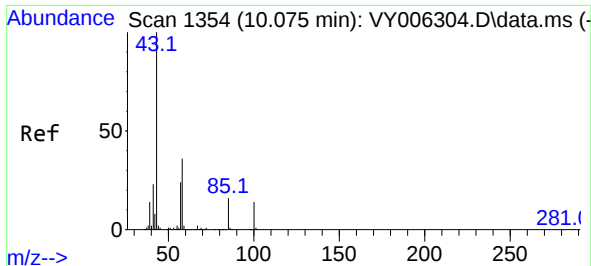
Tgt Ion:	83	Resp:	78004
Ion	Ratio	Lower	Upper
83	100		
85	61.4	44.1	81.9
127	7.8	6.9	10.3



#39
cis-1,3-Dichloropropene
Concen: 23.643 ug/L
RT: 9.947 min Scan# 1333
Delta R.T. 0.018 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:	75	Resp:	91482
Ion	Ratio	Lower	Upper
75	100		
77	31.3	22.3	41.3

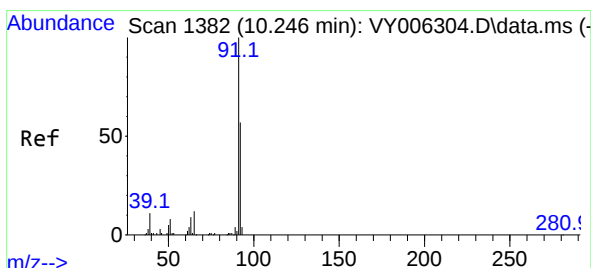
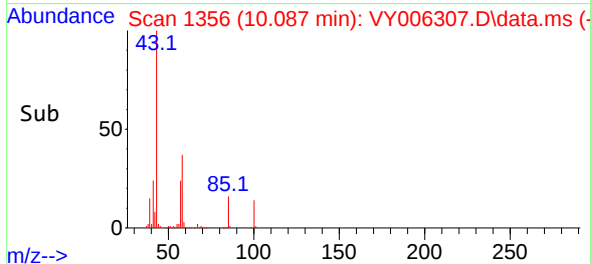
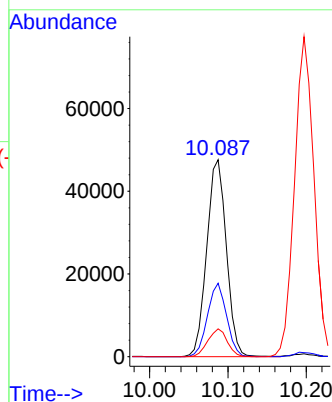
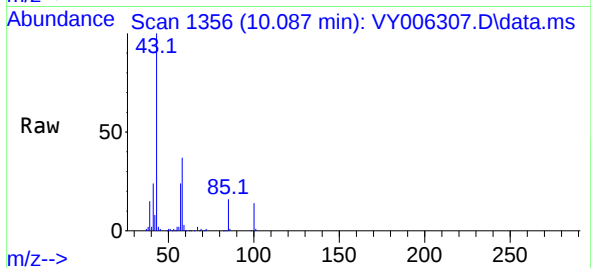




#40
4-Methyl-2-pentanone
Concen: 42.314 ug/L
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

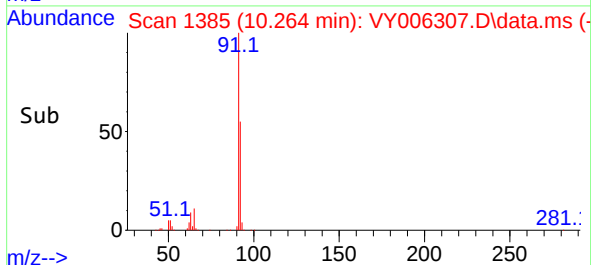
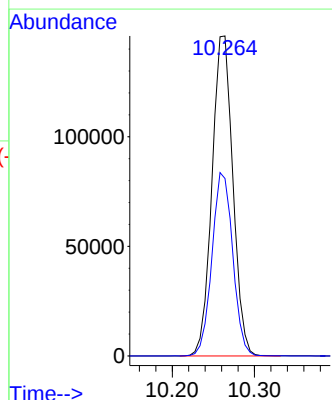
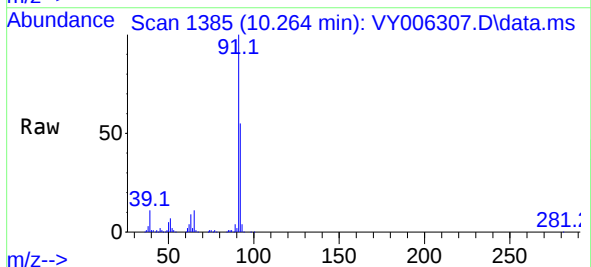
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

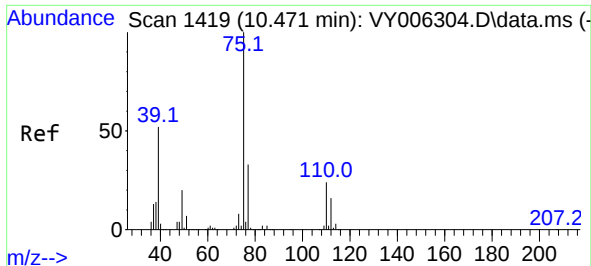
Tgt Ion: 43 Resp: 82807
Ion Ratio Lower Upper
43 100
58 36.2 28.5 42.7
100 14.0 10.4 15.6



#42
Toluene
Concen: 23.305 ug/L
RT: 10.264 min Scan# 1385
Delta R.T. 0.018 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 91 Resp: 257470
Ion Ratio Lower Upper
91 100
92 55.5 40.5 75.1

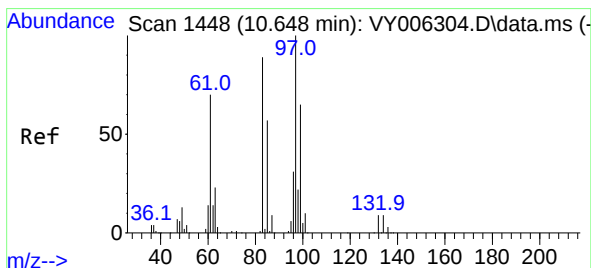
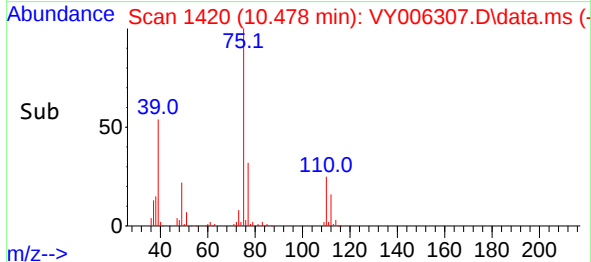
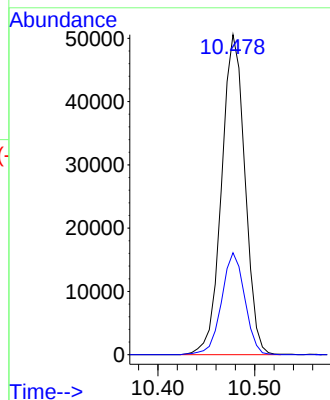
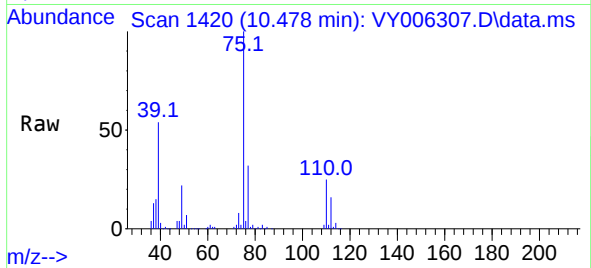




#44
trans-1,3-Dichloropropene
Concen: 23.132 ug/L
RT: 10.478 min Scan# 1420
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

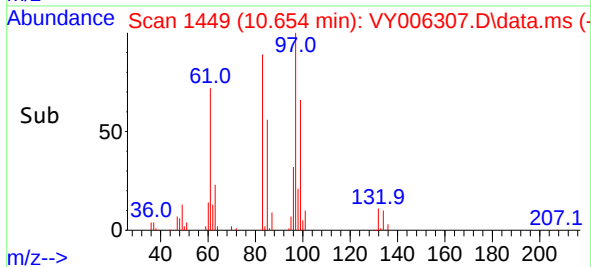
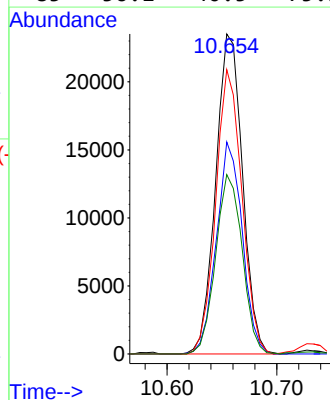
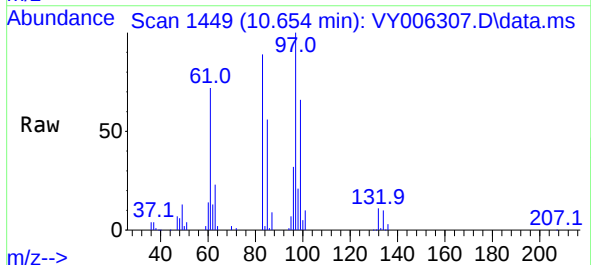
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

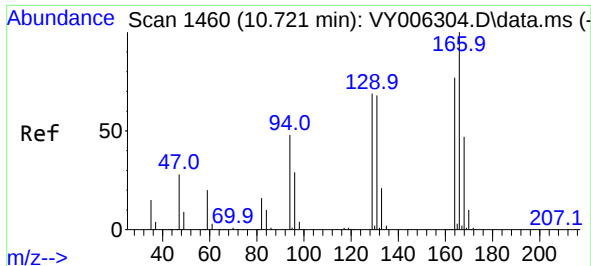
Tgt Ion: 75 Resp: 84653
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 22.145 ug/L
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

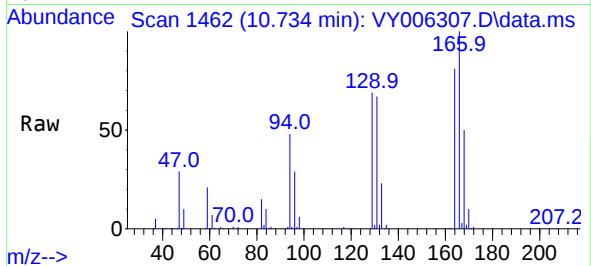
Tgt Ion: 97 Resp: 40031
Ion Ratio Lower Upper
97 100
99 66.2 44.2 82.0
83 88.8 61.1 113.5
85 56.1 40.5 75.3





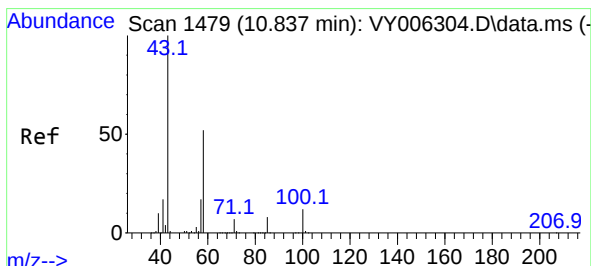
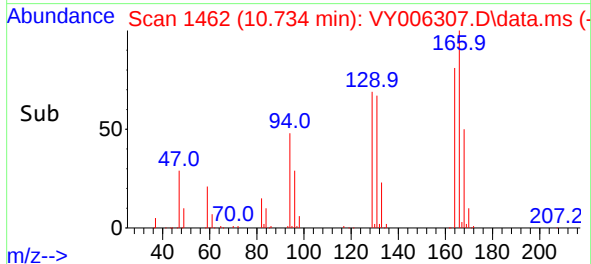
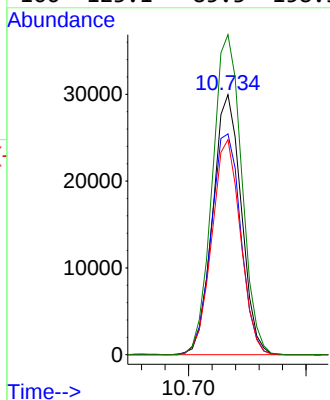
#46
Tetrachloroethene
Concen: 23.479 ug/L
RT: 10.734 min Scan# 1462
Delta R.T. 0.012 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

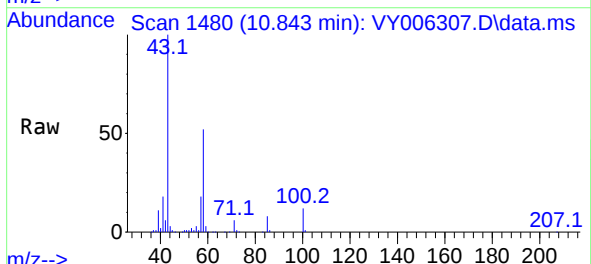


Tgt Ion:164 Resp: 50560

Ion	Ratio	Lower	Upper
164	100		
129	84.9	65.9	122.3
131	82.7	61.9	115.1
166	123.1	85.3	158.3

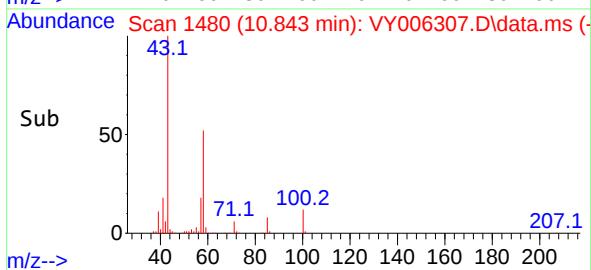
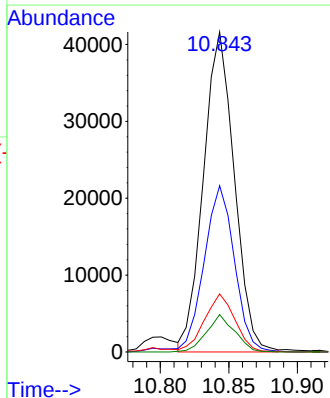


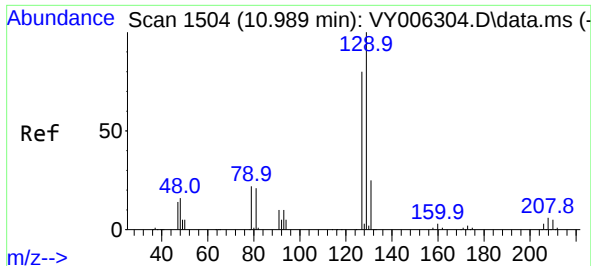
#48
2-Hexanone
Concen: 43.334 ug/L
RT: 10.843 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02



Tgt Ion: 43 Resp: 65305

Ion	Ratio	Lower	Upper
43	100		
58	51.0	41.1	61.7
57	17.9	13.8	20.6
100	10.6	8.3	12.5

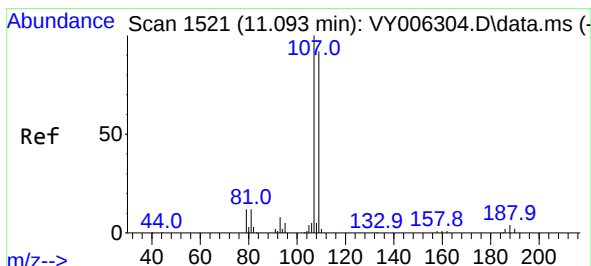
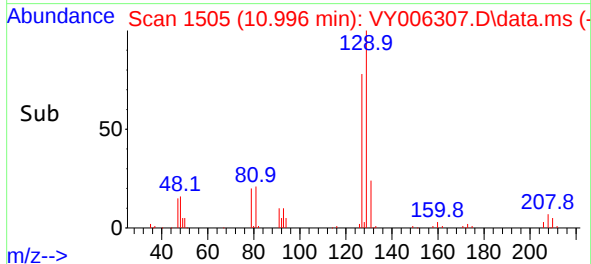
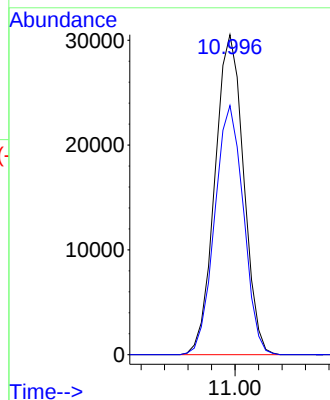
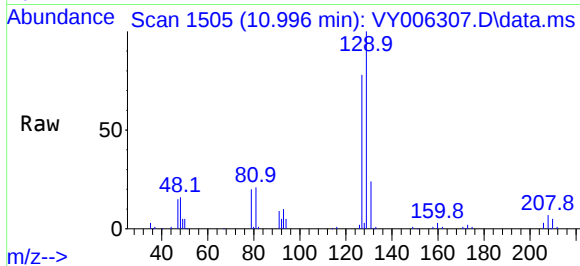




#49
Dibromochloromethane
Concen: 22.885 ug/L
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

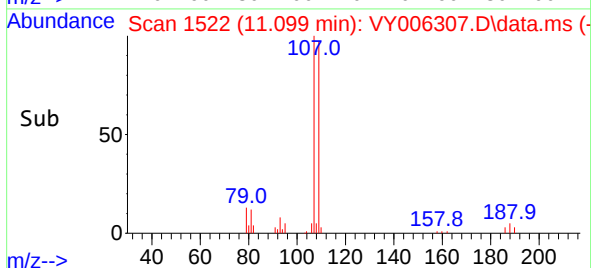
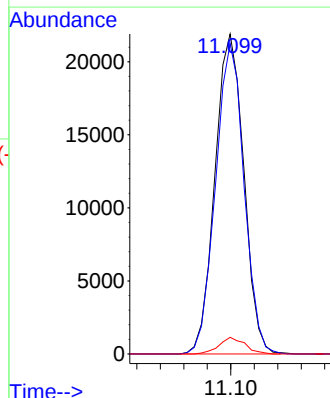
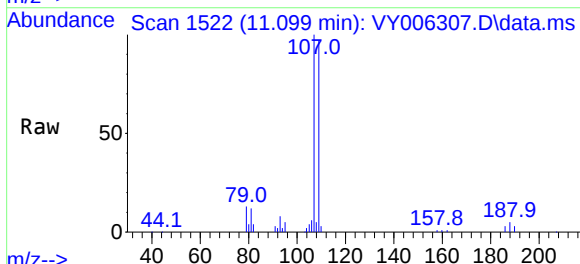
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

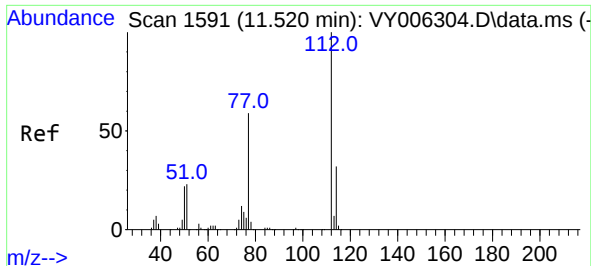
Tgt Ion:129 Resp: 51810
Ion Ratio Lower Upper
129 100
127 77.8 52.8 98.0



#50
1,2-Dibromoethane
Concen: 22.140 ug/L
RT: 11.099 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:107 Resp: 37321
Ion Ratio Lower Upper
107 100
109 97.0 65.7 121.9
188 5.2 2.8 4.2#

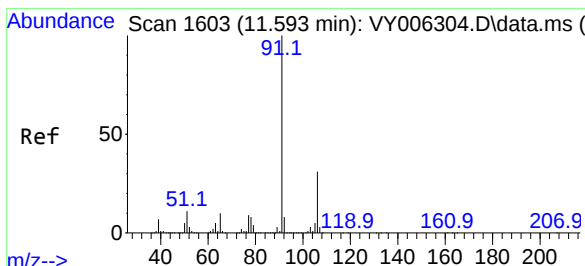
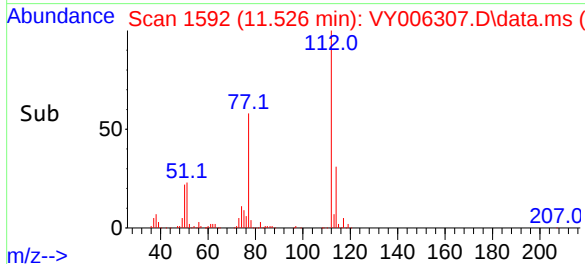
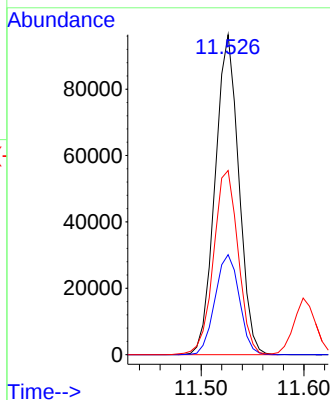
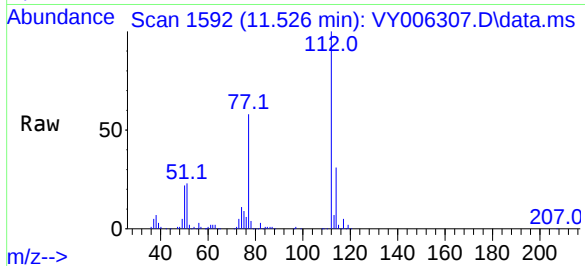




#51
Chlorobenzene
Concen: 22.977 ug/L
RT: 11.526 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

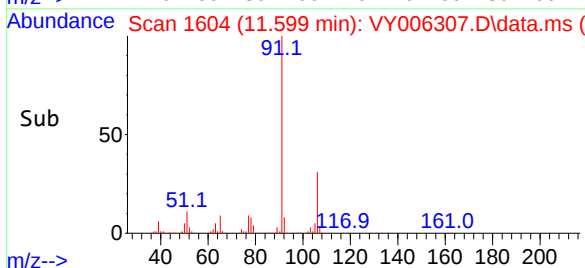
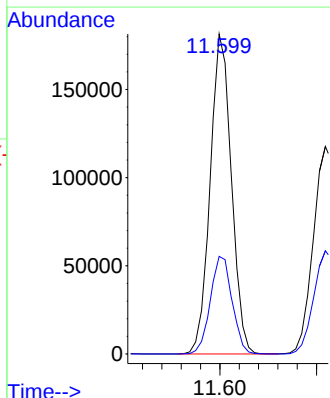
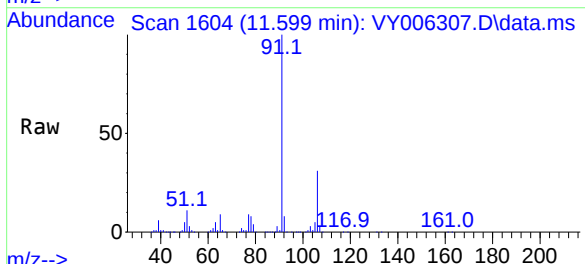
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

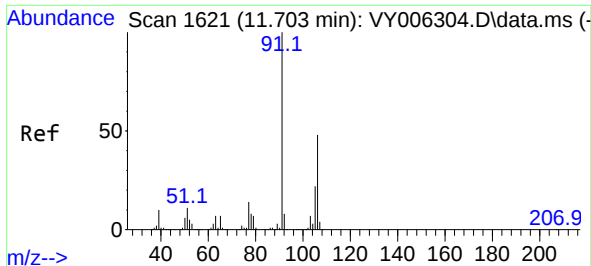
Tgt Ion:	112	Resp:	154253
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.3	41.5
77	57.6	46.5	69.7



#52
Ethylbenzene
Concen: 23.438 ug/L
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:	91	Resp:	276009
Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.2	39.4

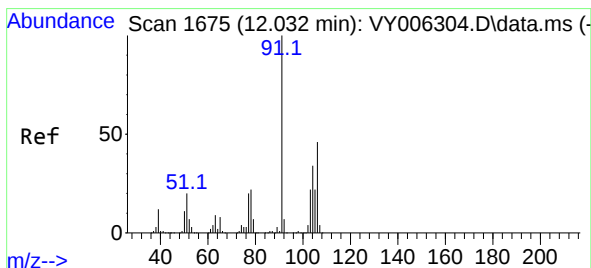
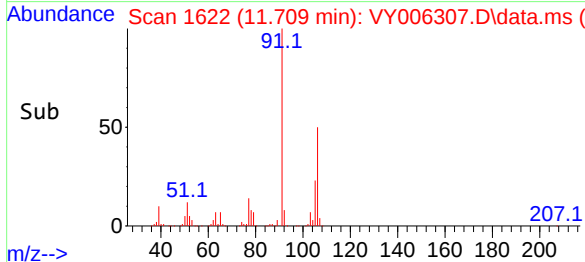
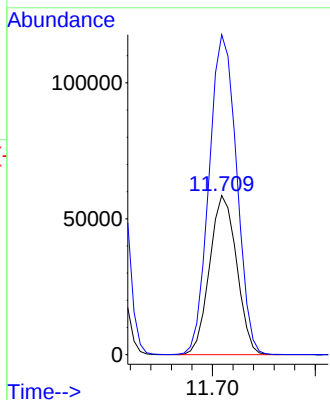
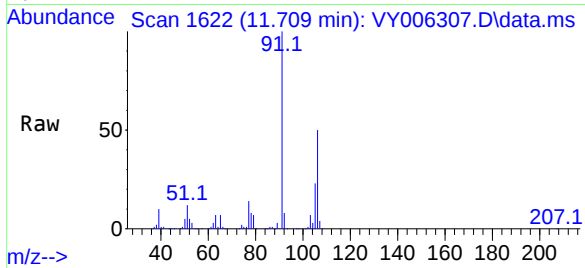




#53
m,p-Xylene
Concen: 23.751 ug/L
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

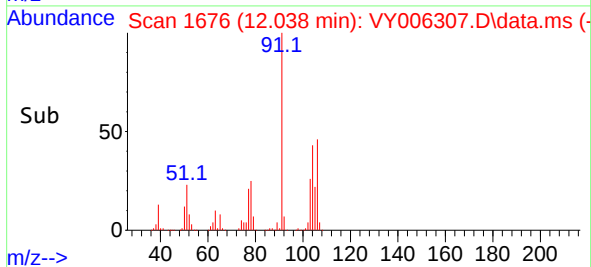
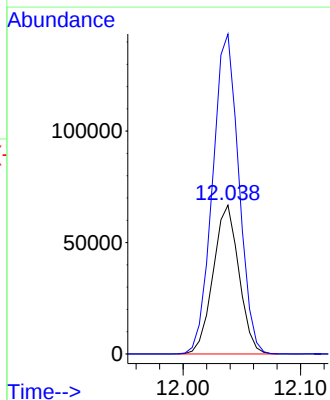
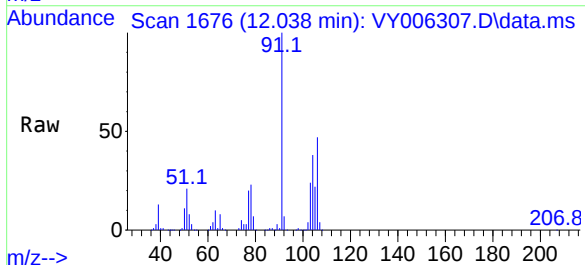
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

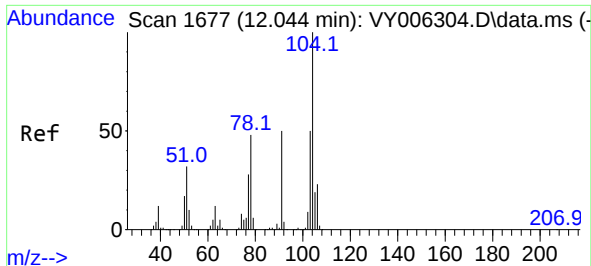
Tgt Ion:106 Resp: 107100
Ion Ratio Lower Upper
106 100
91 200.9 145.7 270.5



#54
o-Xylene
Concen: 23.593 ug/L
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:106 Resp: 101805
Ion Ratio Lower Upper
106 100
91 215.0 150.6 279.6

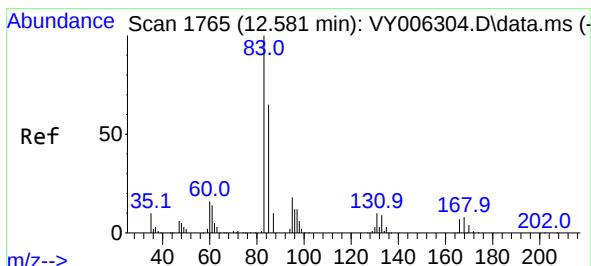
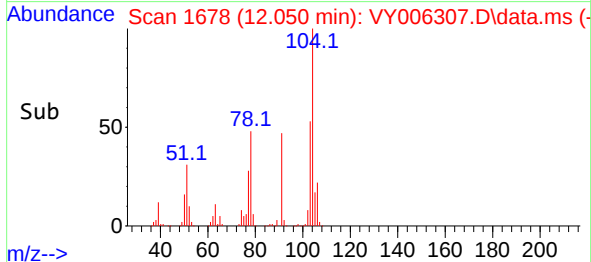
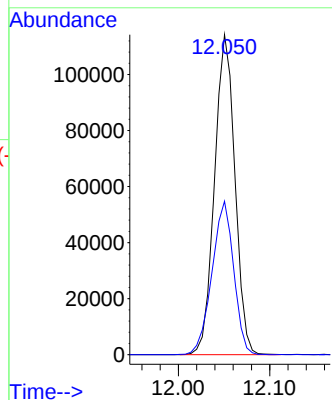
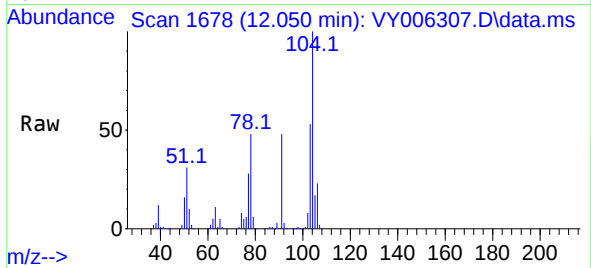




#55
Styrene
Concen: 23.653 ug/L
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

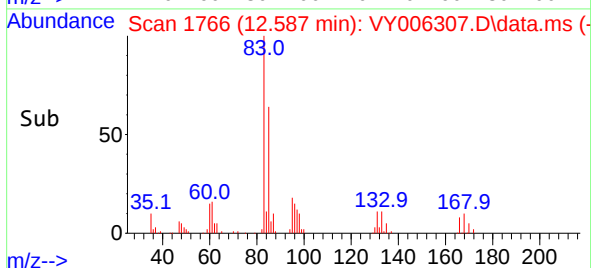
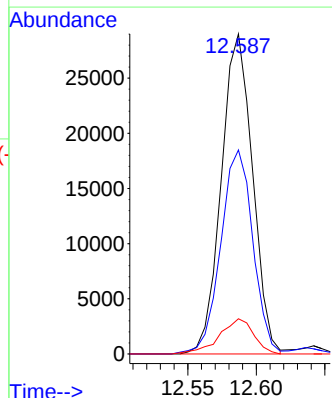
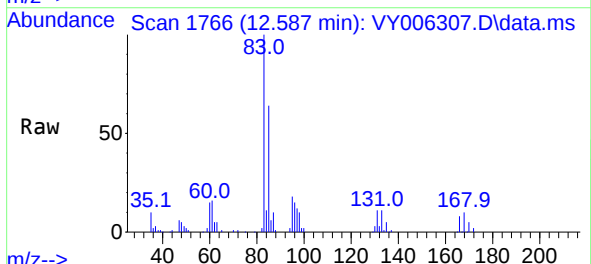
Instrument :
MSVOA_Y
ClientSampled :
VSTD025819

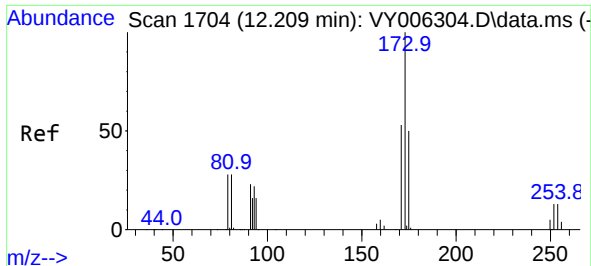
Tgt Ion:104 Resp: 177396
Ion Ratio Lower Upper
104 100
78 47.9 31.8 59.0



#57
1,1,2,2-Tetrachloroethane
Concen: 23.199 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 83 Resp: 46026
Ion Ratio Lower Upper
83 100
85 63.8 45.0 83.6
131 11.0 6.9 10.3#

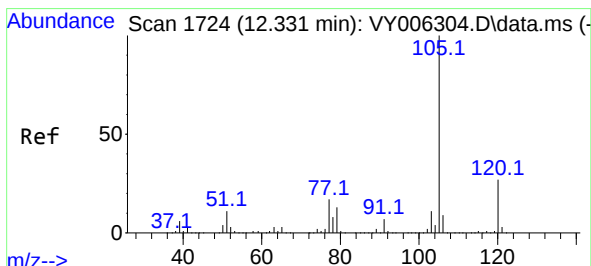
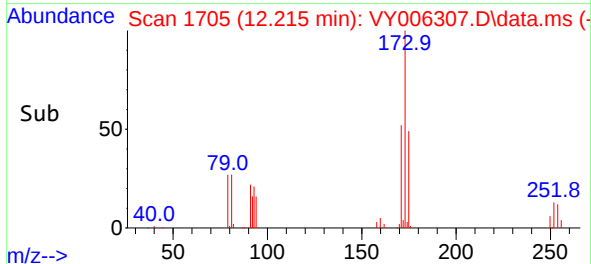
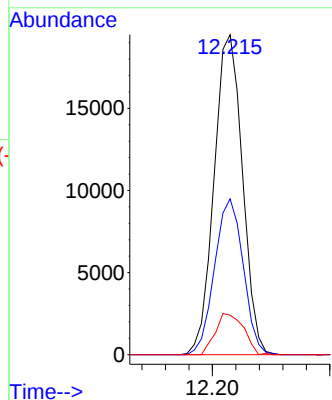
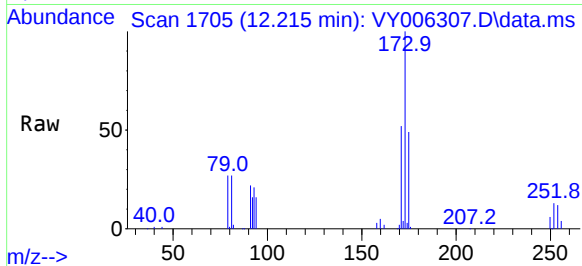




#59
Bromoform
Concen: 21.175 ug/L
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

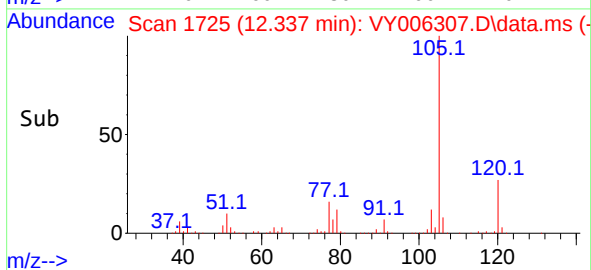
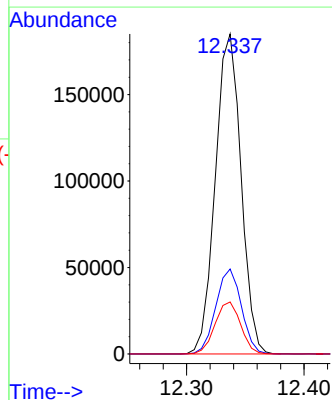
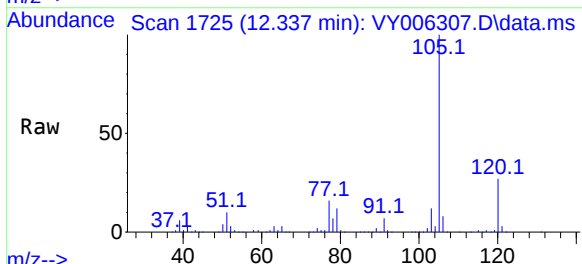
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

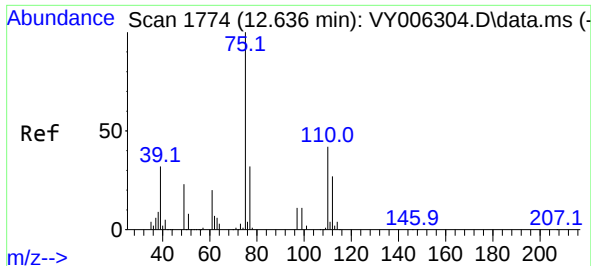
Tgt Ion:173 Resp: 32673
Ion Ratio Lower Upper
173 100
175 49.1 38.8 58.2
254 12.7 7.3 10.9#



#60
Isopropylbenzene
Concen: 22.828 ug/L
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:105 Resp: 280934
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 16.2 12.7 19.1

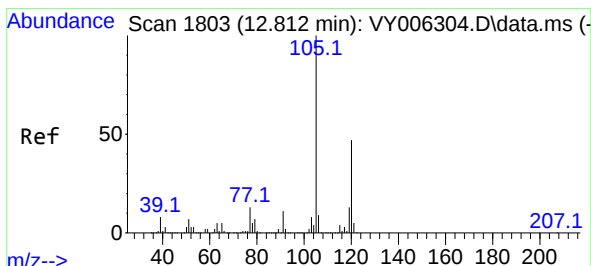
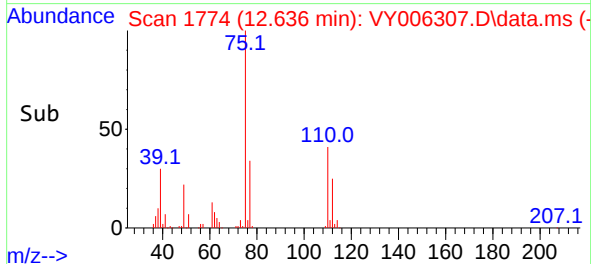
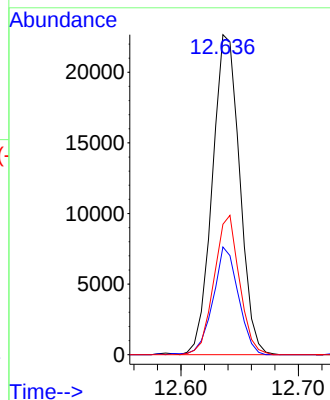
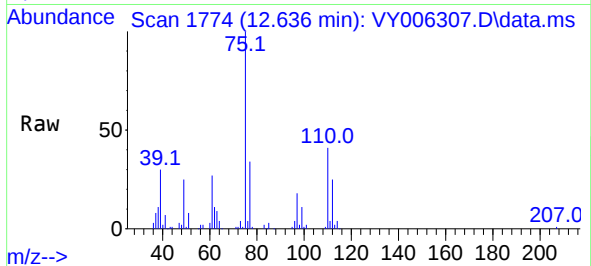




#61
1,2,3-Trichloropropane
Concen: 20.335 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

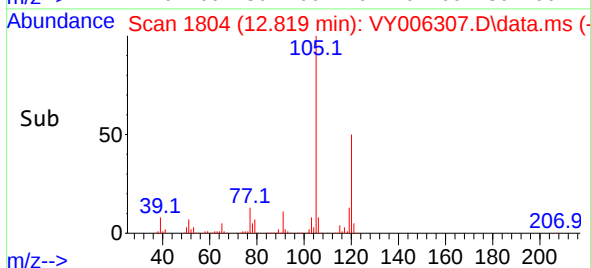
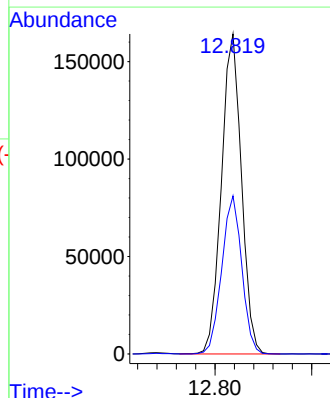
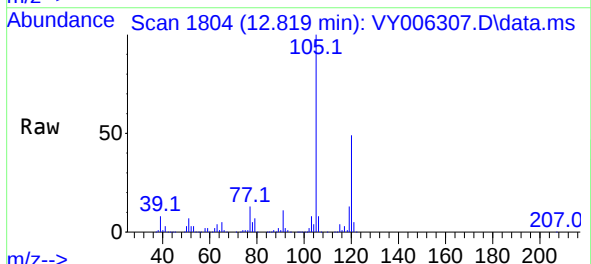
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

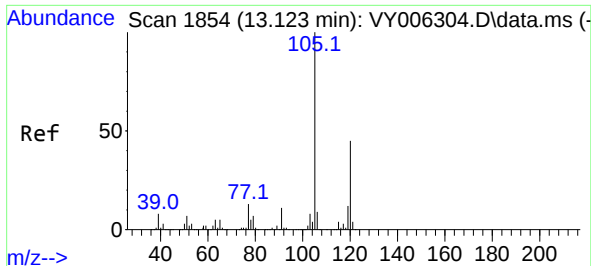
Tgt Ion: 75 Resp: 36626
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
110 40.4 30.8 46.2



#62
1,3,5-Trimethylbenzene
Concen: 23.651 ug/L
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 105 Resp: 235645
Ion Ratio Lower Upper
105 100
120 49.3 38.3 57.5

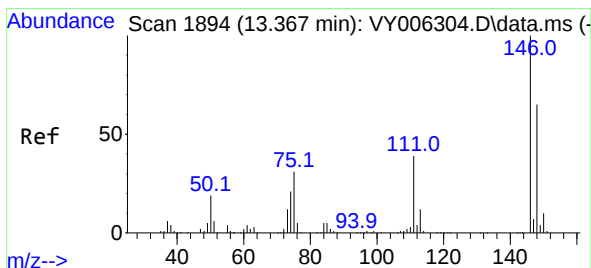
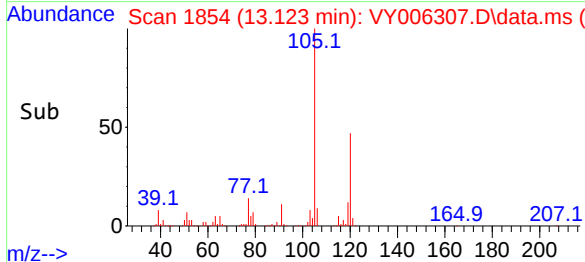
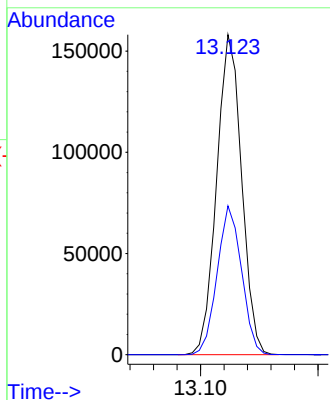
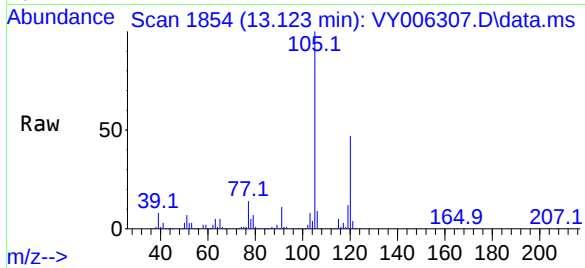




#63
1,2,4-Trimethylbenzene
Concen: 23.759 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

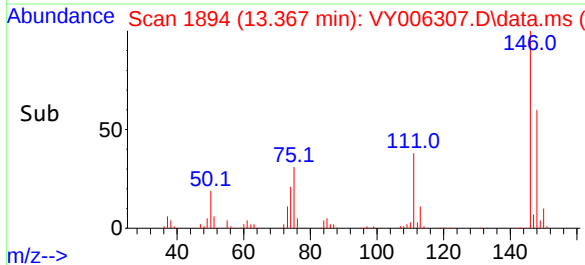
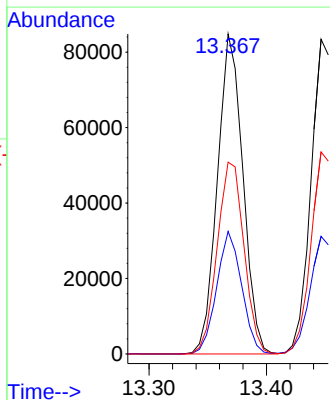
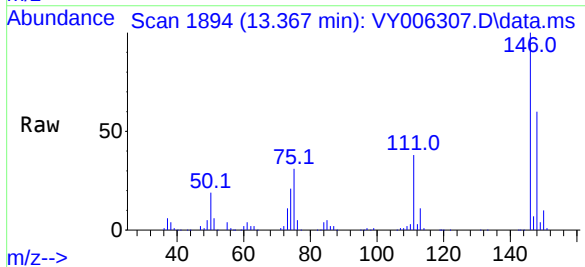
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

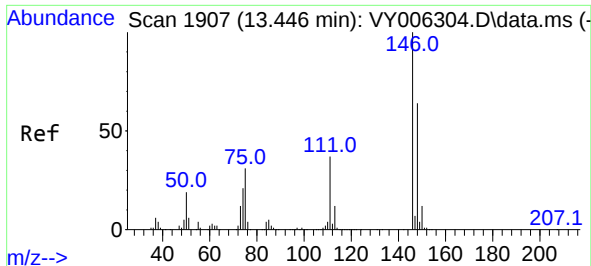
Tgt Ion:105 Resp: 233394
Ion Ratio Lower Upper
105 100
120 45.5 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 23.205 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:146 Resp: 128112
Ion Ratio Lower Upper
146 100
111 38.3 27.4 51.0
148 59.9 45.1 83.7

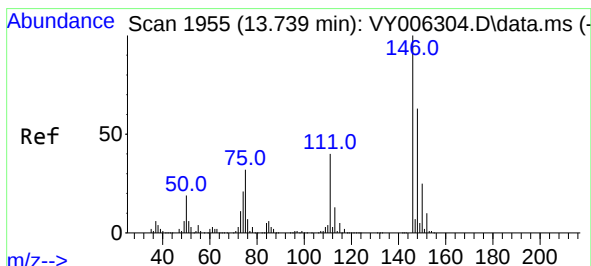
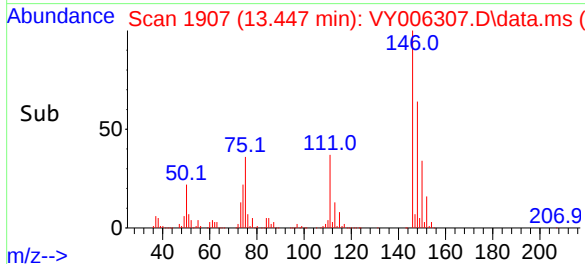
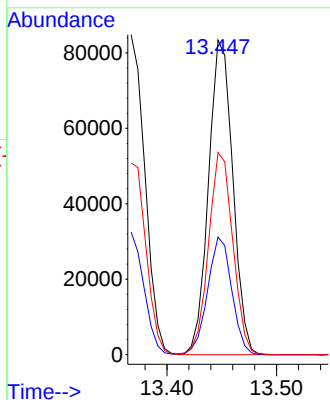
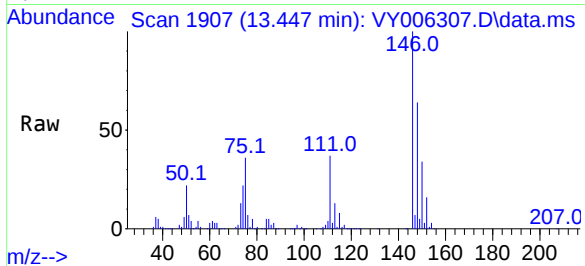




#65
1,4-Dichlorobenzene
Concen: 23.122 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

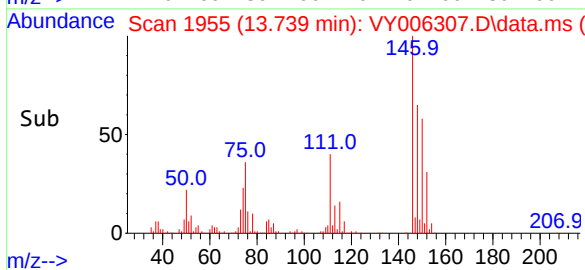
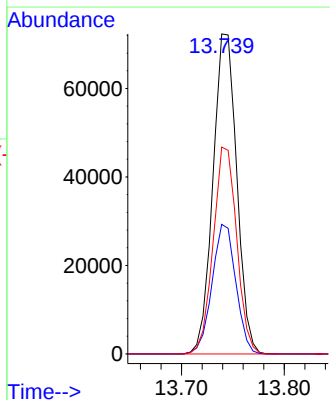
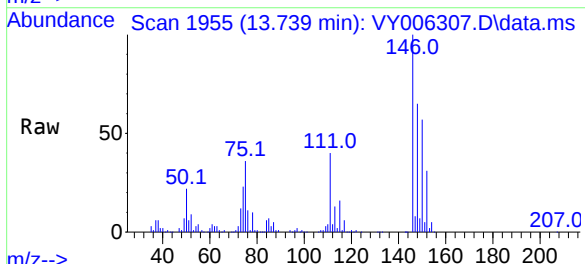
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

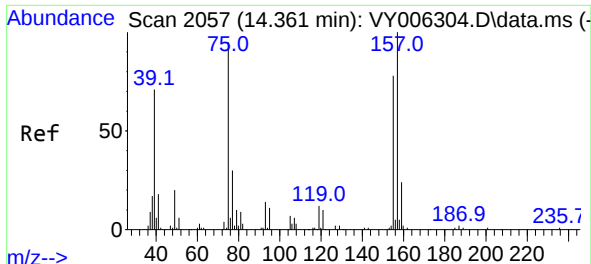
Tgt Ion:146 Resp: 128448
Ion Ratio Lower Upper
146 100
111 37.4 26.4 49.0
148 64.2 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 23.161 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:146 Resp: 116309
Ion Ratio Lower Upper
146 100
111 40.5 33.9 50.9
148 64.7 49.7 74.5

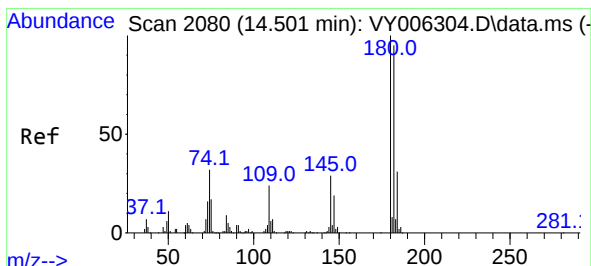
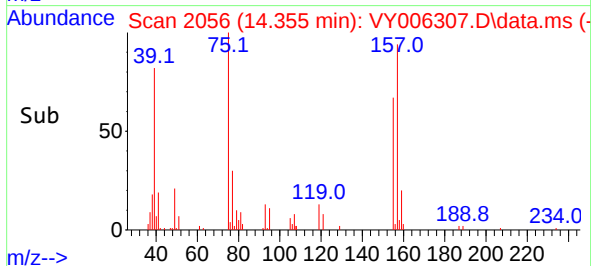
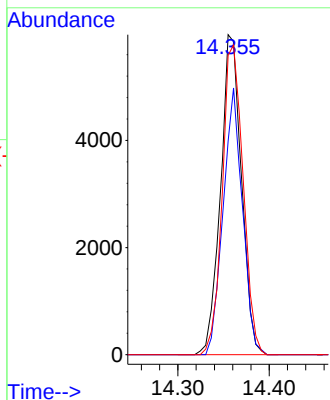
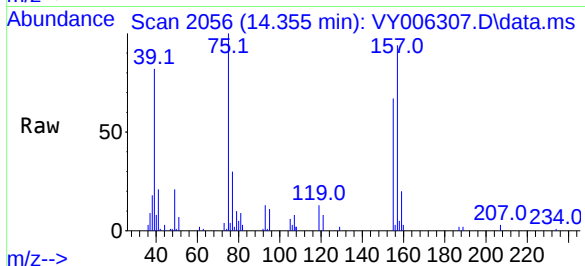




#68
1,2-Dibromo-3-chloropropane
Concen: 21.974 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

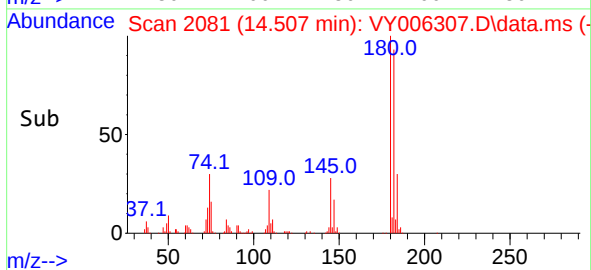
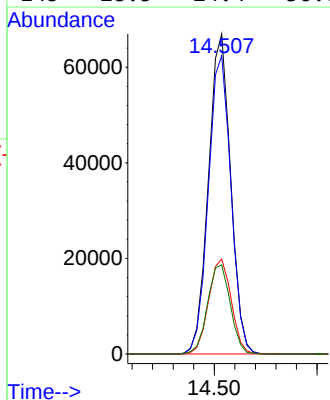
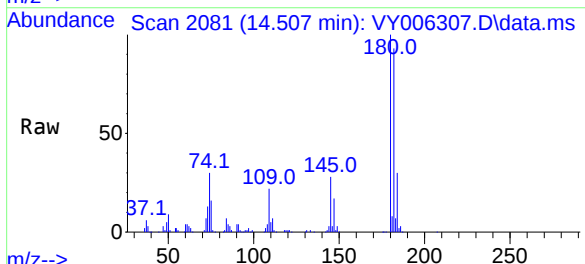
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

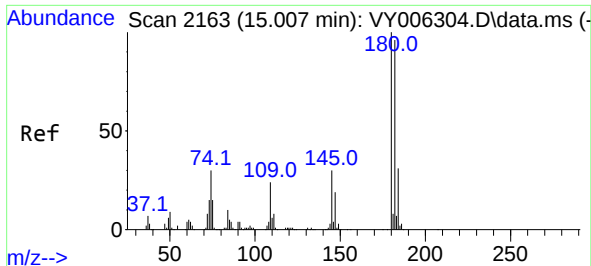
Tgt Ion: 75 Resp: 9516
Ion Ratio Lower Upper
75 100
155 66.7 64.5 96.7
157 93.5 77.4 116.2



#69
1,3,5-Trichlorobenzene
Concen: 25.803 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion: 180 Resp: 100222
Ion Ratio Lower Upper
180 100
182 94.6 76.1 114.1
184 30.3 24.6 36.8
145 28.5 24.4 36.6

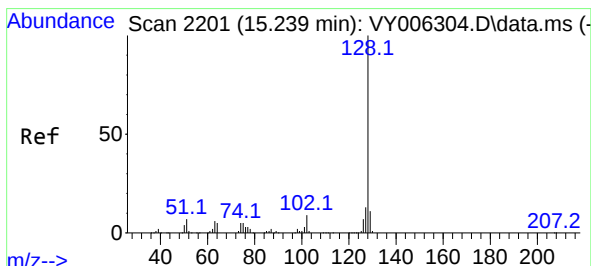
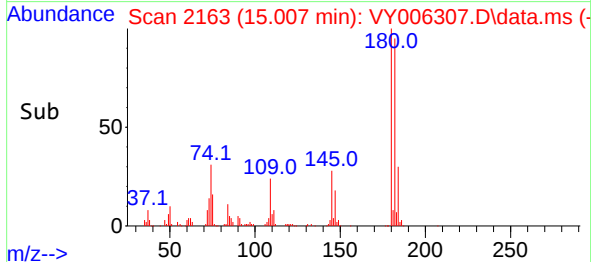
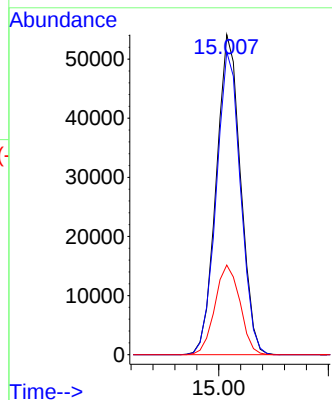
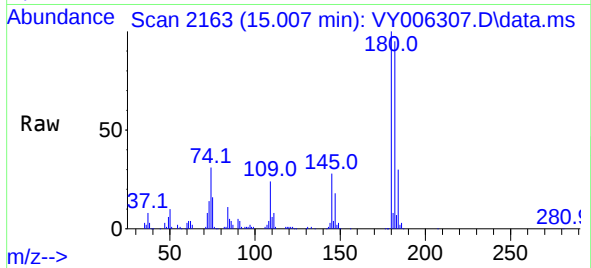




#70
1,2,4-trichlorobenzene
Concen: 26.521 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

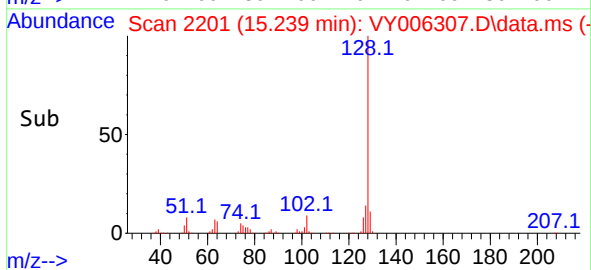
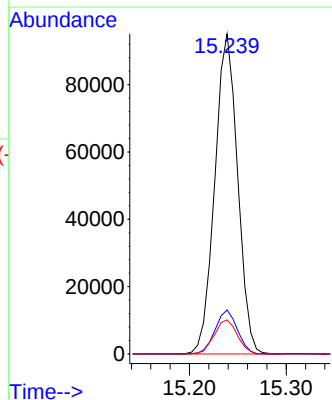
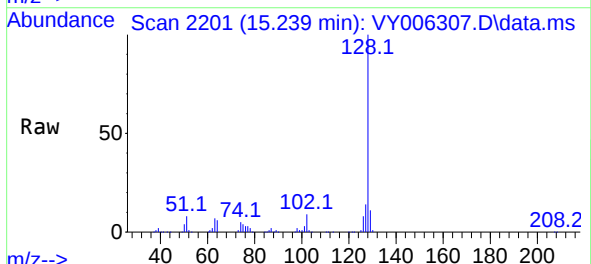
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025819

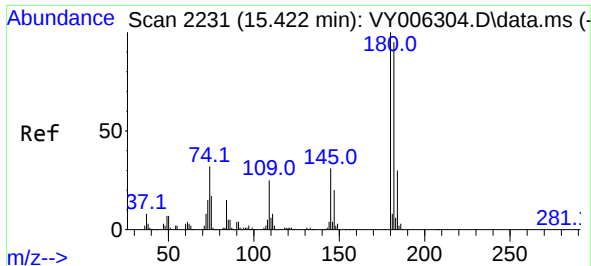
Tgt Ion:180 Resp: 83344
Ion Ratio Lower Upper
180 100
182 94.4 76.4 114.6
145 28.8 25.0 37.6



#71
Naphthalene
Concen: 25.422 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006307.D
Acq: 05 Oct 2021 12:02

Tgt Ion:128 Resp: 155615
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.8 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 27.196 ug/L
 RT: 15.428 min Scan# 2232
 Delta R.T. 0.006 min
 Lab File: VY006307.D
 Acq: 05 Oct 2021 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025819

Tgt Ion:180 Resp: 73964
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.2 114.2
 145 30.8 25.8 38.8

