

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100621\
 Data File : VY006317.D
 Acq On : 06 Oct 2021 12:00
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

Quant Time: Oct 07 02:06:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 02:02:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	198623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	186949	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	93500	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	77757	22.522	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.080%		
7) Chloroethane-d5	2.765	69	61422	24.037	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.160%		
11) 1,1-Dichloroethene-d2	3.857	63	98353	17.424	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.680%		
21) 2-Butanone-d5	6.899	46	39769	43.207	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.420%		
24) Chloroform-d	7.490	84	116702	23.324	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.280%		
26) 1,2-Dichloroethane-d4	8.149	65	76083	23.152	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.600%		
32) Benzene-d6	8.118	84	248925	24.198	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.800%		
36) 1,2-Dichloropropane-d6	9.124	67	71268	23.607	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.440%		
41) Toluene-d8	10.185	98	235750	24.061	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.240%		
43) trans-1,3-Dichloroprop...	10.441	79	37078	23.607	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.440%		
47) 2-Hexanone-d5	10.788	63	29152	43.662	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.320%		
56) 1,1,2,2-Tetrachloroeth...	12.563	84	52103	22.102	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.400%		
66) 1,2-Dichlorobenzene-d4	13.721	152	80505	24.960	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	9991	2.691	ug/L	98
3) Chloromethane	2.119	50	10306	2.837	ug/L	90
5) Vinyl chloride	2.259	62	10876	2.559	ug/L #	79
6) Bromomethane	2.662	94	5369	2.785	ug/L	88
8) Chloroethane	2.808	64	6093	2.533	ug/L	99
9) Trichlorofluoromethane	3.137	101	13268	2.527	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	7435	2.803	ug/L	98
12) 1,1-Dichloroethene	3.875	96	7070	2.762	ug/L #	1
13) Acetone	3.960	43	3925	3.732	ug/L	93
14) Carbon disulfide	4.204	76	22366	2.414	ug/L	97
15) Methyl Acetate	4.485	43	3474	2.116	ug/L #	84
17) trans-1,2-Dichloroethene	5.228	96	6806	2.531	ug/L	91
18) Methyl tert-butyl Ether	5.235	73	16626	2.364	ug/L	99
19) 1,1-Dichloroethane	6.027	63	12267	2.517	ug/L	99
20) cis-1,2-Dichloroethene	6.990	96	7327	2.600	ug/L	97
22) 2-Butanone	6.996	43	4819	4.117	ug/L	84
23) Bromochloromethane	7.344	128	3329	2.598	ug/L #	75
25) Chloroform	7.515	83	20556	3.851	ug/L	99
27) 1,2-Dichloroethane	8.246	62	9522	2.509	ug/L #	92

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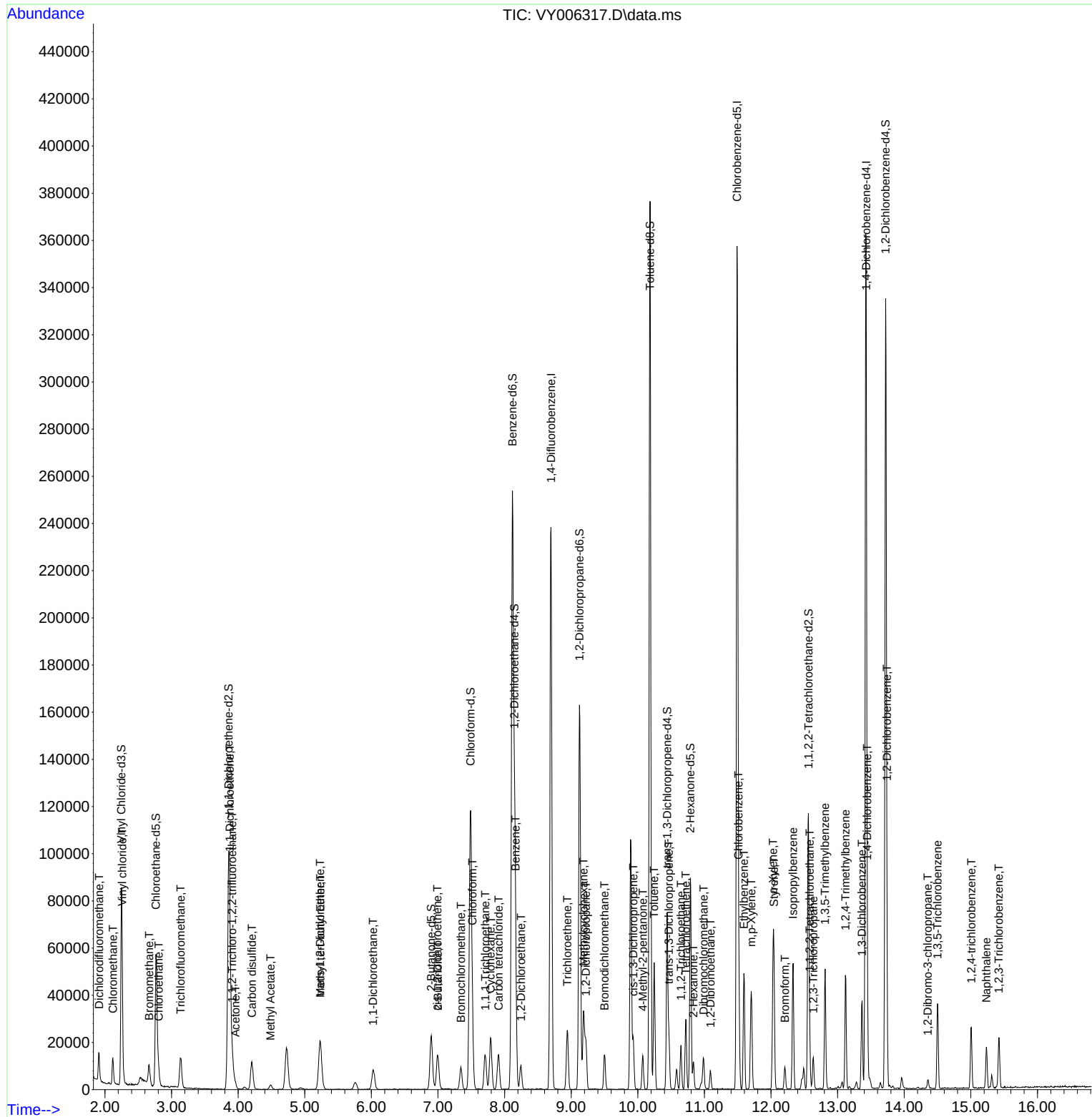
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.789	56	11775	2.448	ug/L	96
30) 1,1,1-Trichloroethane	7.710	97	12239	2.578	ug/L	98
31) Carbon tetrachloride	7.911	117	11207	2.609	ug/L	98
33) Benzene	8.167	78	31727	2.779	ug/L	100
34) Trichloroethene	8.941	95	7772	2.680	ug/L	94
35) Methylcyclohexane	9.185	83	12348	2.438	ug/L	98
37) 1,2-Dichloropropane	9.222	63	7132	2.611	ug/L #	96
38) Bromodichloromethane	9.502	83	9569	2.553	ug/L	93
39) cis-1,3-Dichloropropene	9.935	75	11037	2.542	ug/L	100
40) 4-Methyl-2-pentanone	10.075	43	9789	4.468	ug/L	97
42) Toluene	10.246	91	35386	2.867	ug/L	97
44) trans-1,3-Dichloropropene	10.465	75	11943	2.914	ug/L	100
45) 1,1,2-Trichloroethane	10.648	97	5085	2.520	ug/L	93
46) Tetrachloroethene	10.721	164	6385	2.667	ug/L	94
48) 2-Hexanone	10.837	43	7146	4.180	ug/L	99
49) Dibromochloromethane	10.990	129	6508	2.569	ug/L	93
50) 1,2-Dibromoethane	11.093	107	4724	2.511	ug/L	93
51) Chlorobenzene	11.514	112	19648	2.628	ug/L	99
52) Ethylbenzene	11.593	91	32557	2.473	ug/L	95
53) m,p-Xylene	11.703	106	12748	2.529	ug/L	96
54) o-Xylene	12.032	106	11604	2.403	ug/L	94
55) Styrene	12.044	104	19413	2.306	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.581	83	5529	2.513	ug/L #	86
59) Bromoform	12.209	173	3930	2.491	ug/L #	95
60) Isopropylbenzene	12.331	105	31720	2.513	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	4618	2.518	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	25173	2.449	ug/L	98
63) 1,2,4-Trimethylbenzene	13.117	105	25081	2.472	ug/L	98
64) 1,3-Dichlorobenzene	13.367	146	14486	2.561	ug/L	92
65) 1,4-Dichlorobenzene	13.446	146	14990	2.635	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	13435	2.613	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	1021	2.310	ug/L	94
69) 1,3,5-Trichlorobenzene	14.501	180	10487	2.621	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	8428	2.606	ug/L	91
71) Naphthalene	15.233	128	14080	2.228	ug/L	98
72) 1,2,3-Trichlorobenzene	15.422	180	7229	2.572	ug/L	97

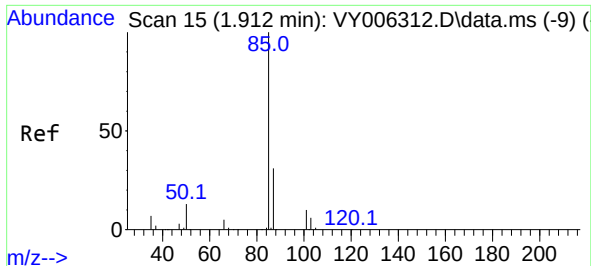
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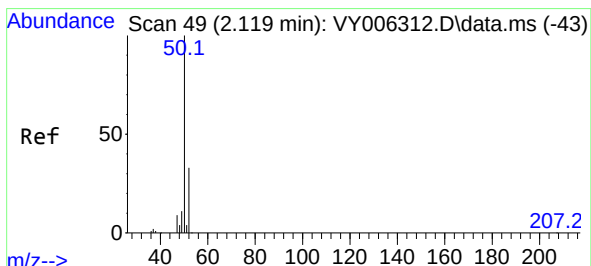
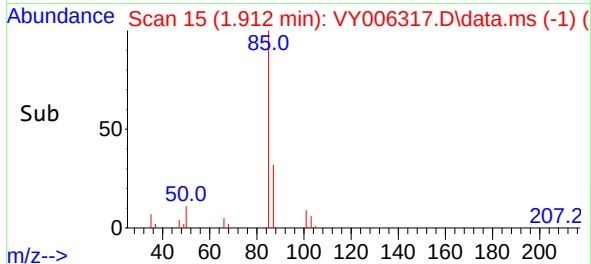
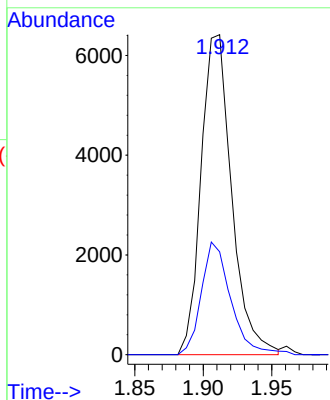
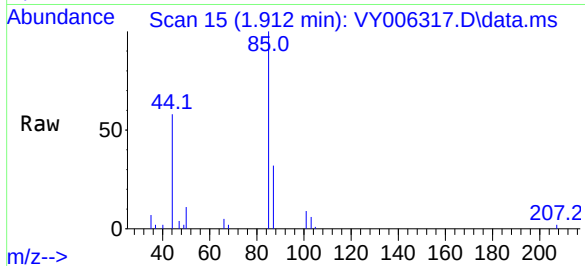




#2
Dichlorodifluoromethane
Concen: 2.691 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

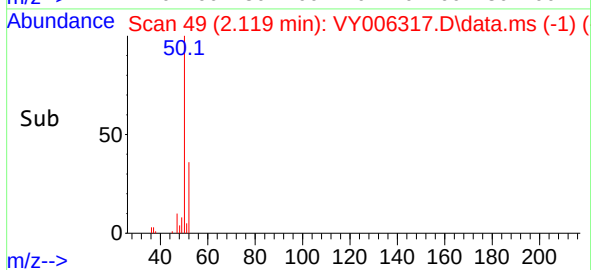
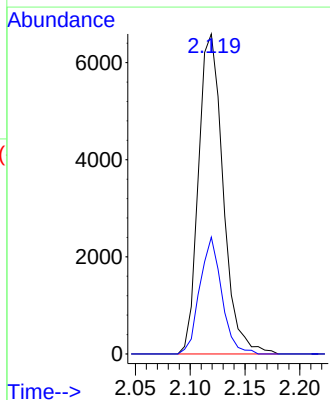
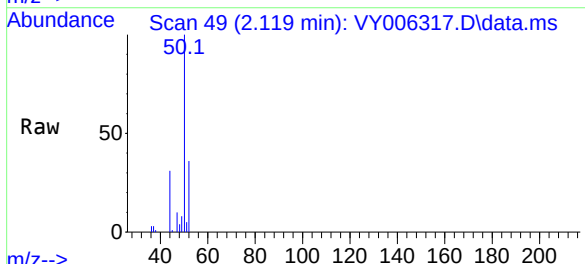
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

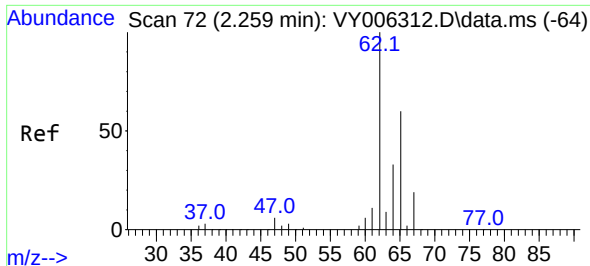
Tgt Ion: 85 Resp: 9991
Ion Ratio Lower Upper
85 100
87 33.9 26.2 39.2



#3
Chloromethane
Concen: 2.837 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 50 Resp: 10306
Ion Ratio Lower Upper
50 100
52 36.5 21.8 40.4

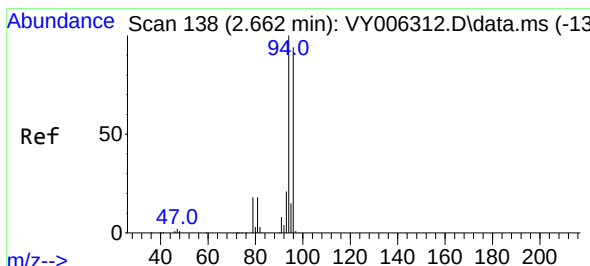
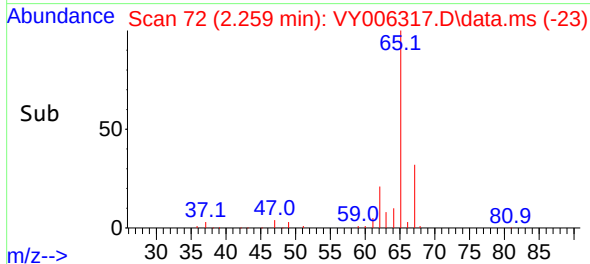
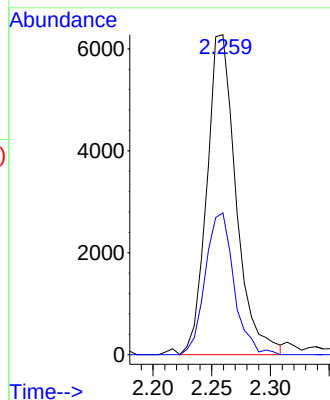
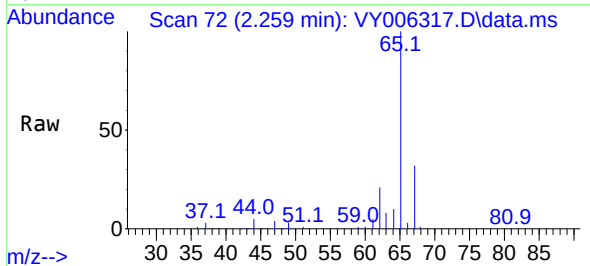




#5
 Vinyl chloride
 Concen: 2.559 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY006317.D
 Acq: 06 Oct 2021 12:00

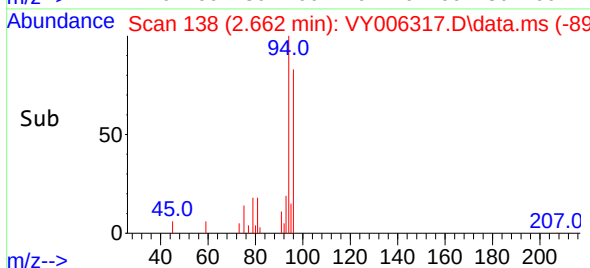
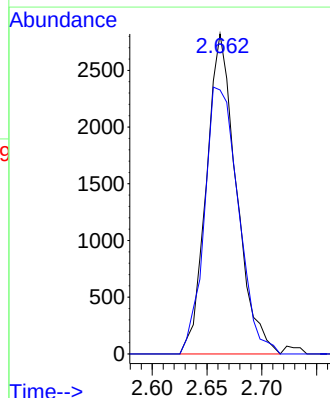
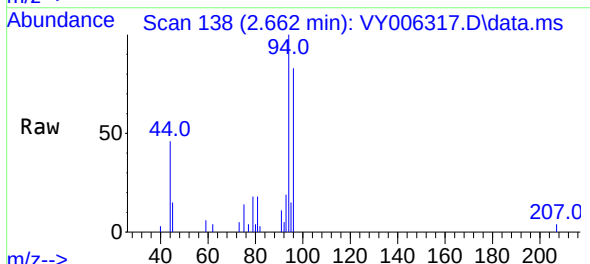
Instrument :
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 ClientSampled :
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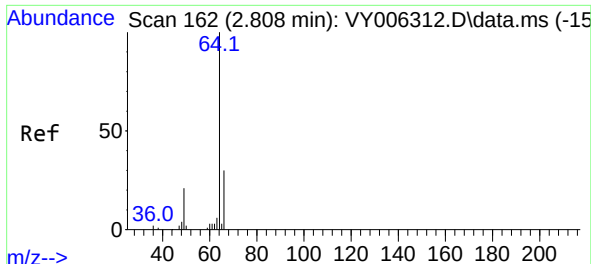
Tgt Ion: 62 Resp: 10876
 Ion Ratio Lower Upper
 62 100
 64 44.3 22.8 42.4#



#6
 Bromomethane
 Concen: 2.785 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006317.D
 Acq: 06 Oct 2021 12:00

Tgt Ion: 94 Resp: 5369
 Ion Ratio Lower Upper
 94 100
 96 82.5 65.9 122.5

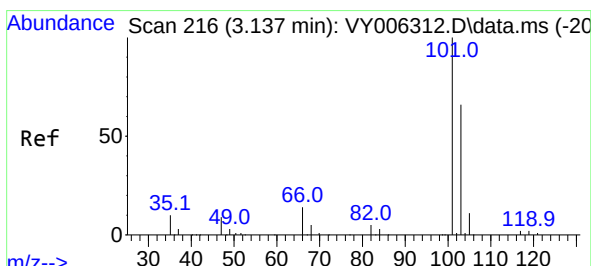
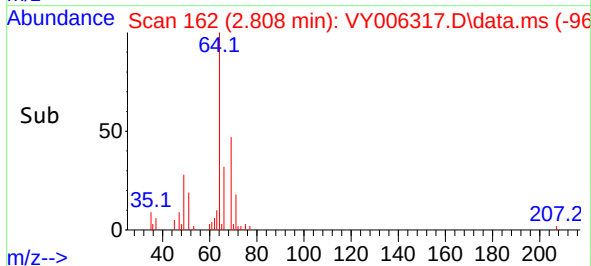
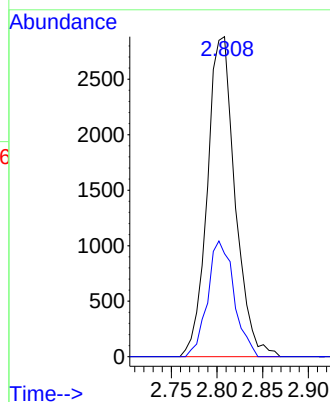
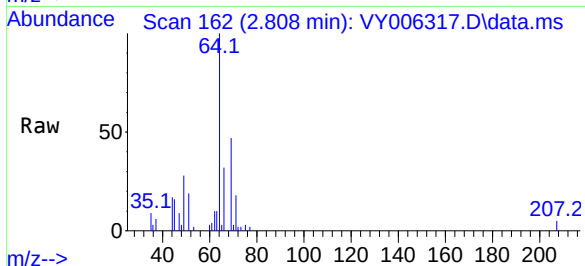




#8
Chloroethane
Concen: 2.533 ug/L
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

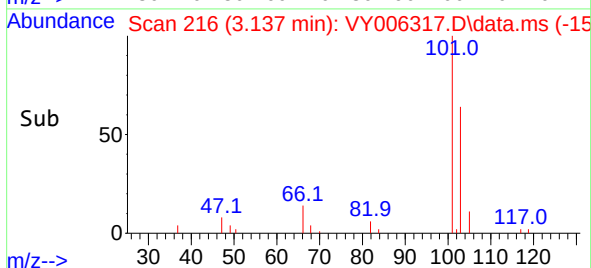
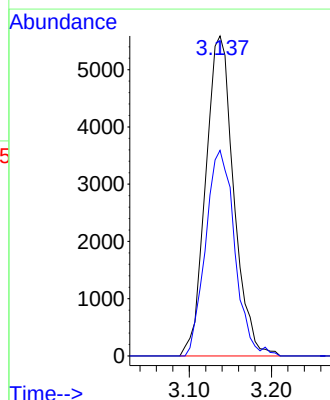
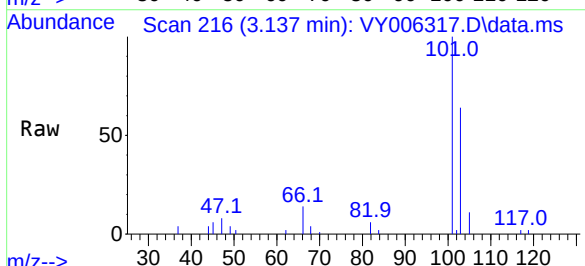
Instrument :
MSVOA_Y
ClientSampled :
MDL02

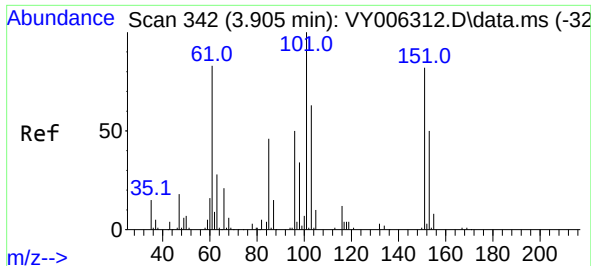
Tgt Ion: 64 Resp: 6093
Ion Ratio Lower Upper
64 100
66 32.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 2.527 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 101 Resp: 13268
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2

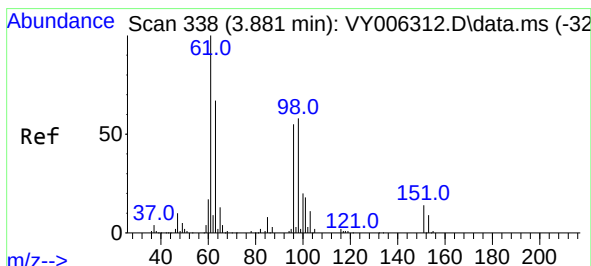
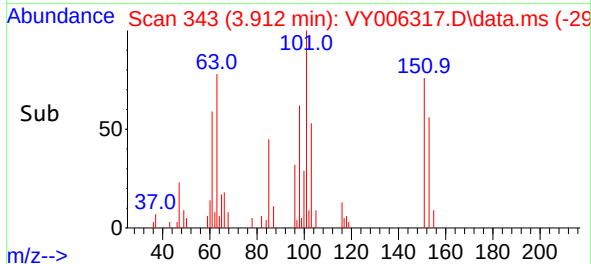
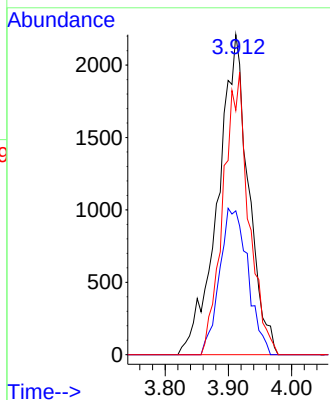
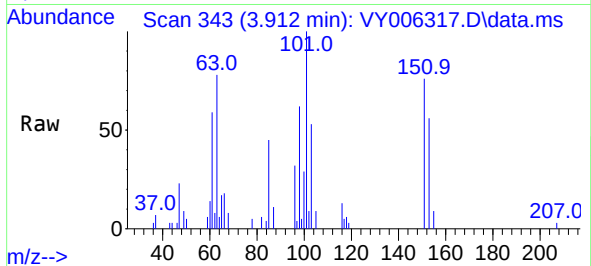




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.803 ug/L
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

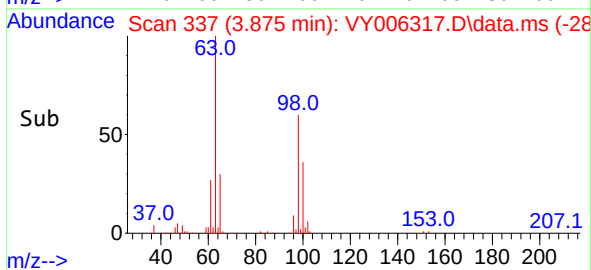
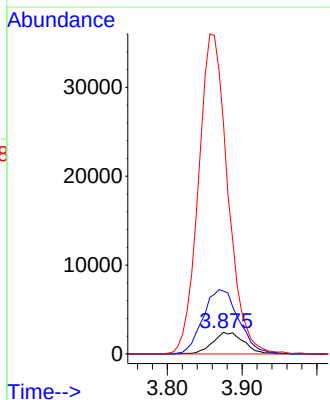
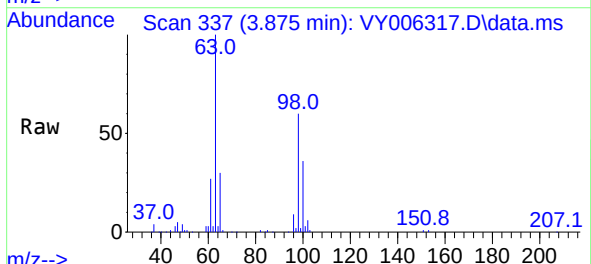
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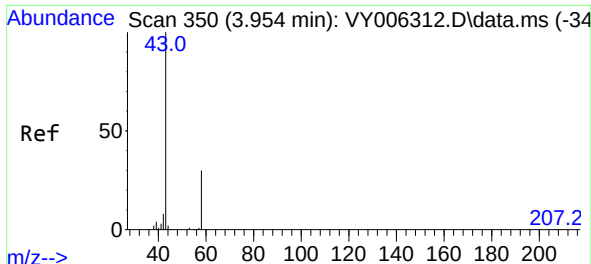
Tgt Ion:101 Resp: 7435
Ion Ratio Lower Upper
101 100
85 42.2 36.6 54.8
151 73.7 59.0 88.4



#12
1,1-Dichloroethene
Concen: 2.762 ug/L
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 96 Resp: 7070
Ion Ratio Lower Upper
96 100
61 291.7 121.2 225.2#
63 1070.2 86.9 161.3#

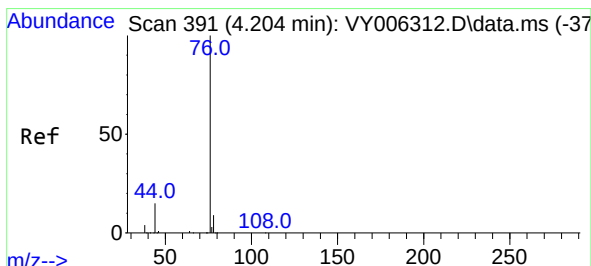
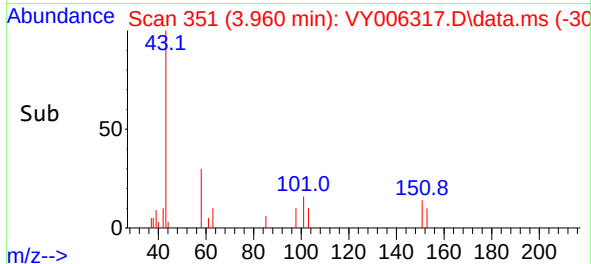
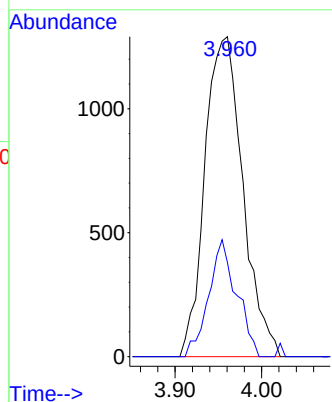
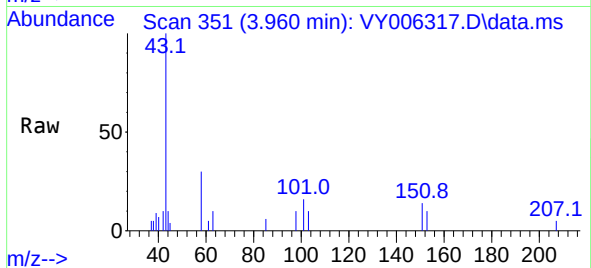




#13
Acetone
Concen: 3.732 ug/L
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

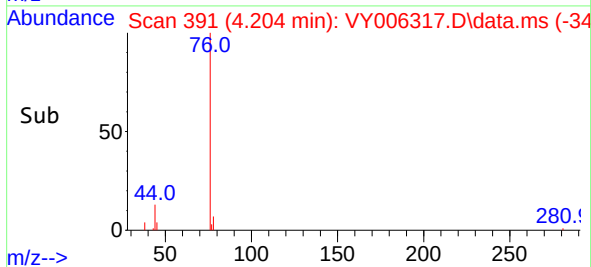
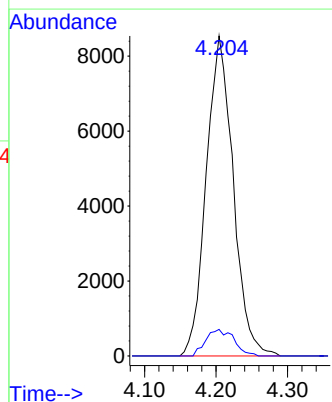
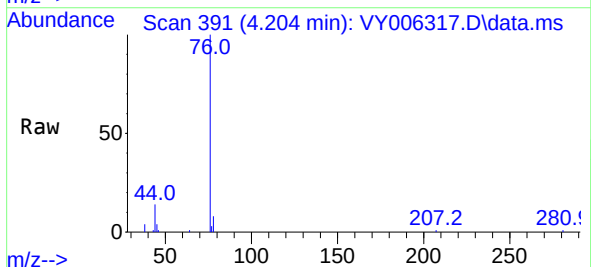
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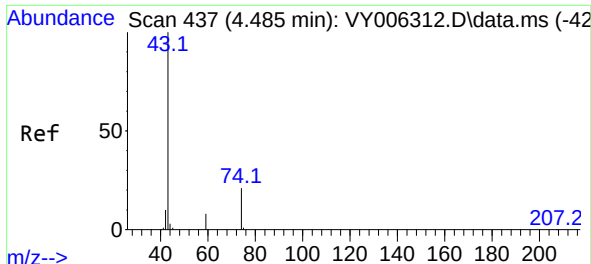
Tgt Ion: 43 Resp: 3925
Ion Ratio Lower Upper
43 100
58 26.9 0.0 61.0



#14
Carbon disulfide
Concen: 2.414 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
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Acq: 06 Oct 2021 12:00

Tgt Ion: 76 Resp: 22366
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

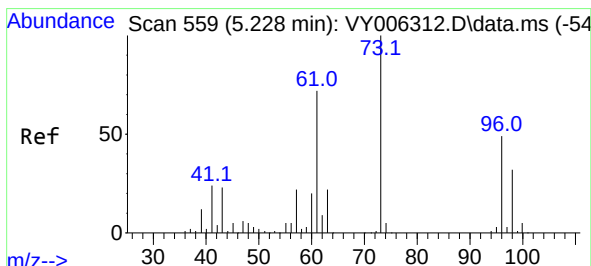
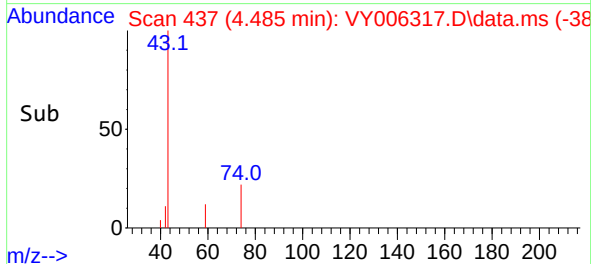
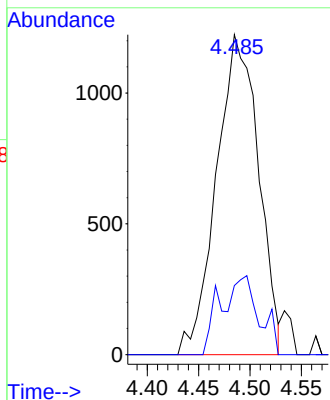
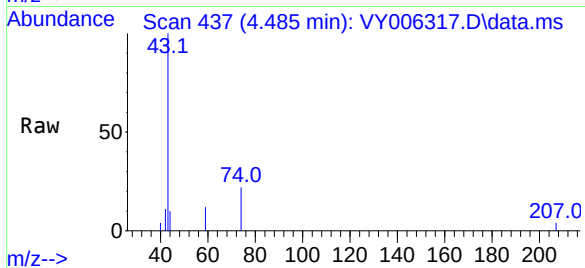




#15
Methyl Acetate
Concen: 2.116 ug/L
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

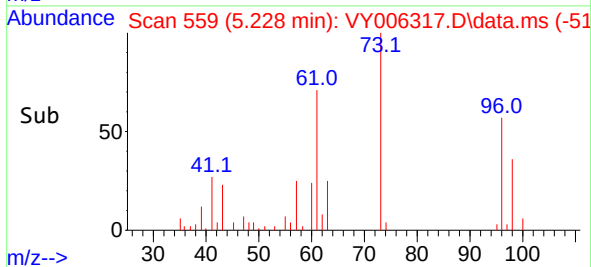
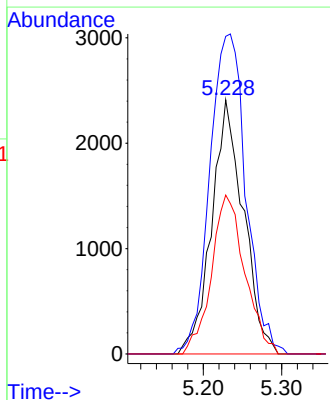
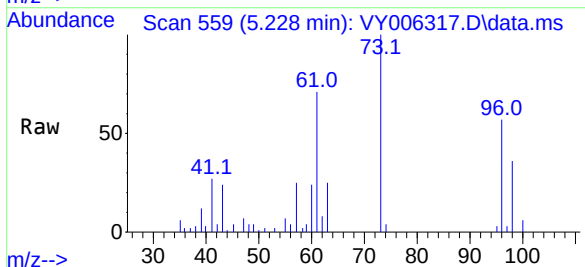
Instrument :
MSVOA_Y
ClientSampled :
MDL02

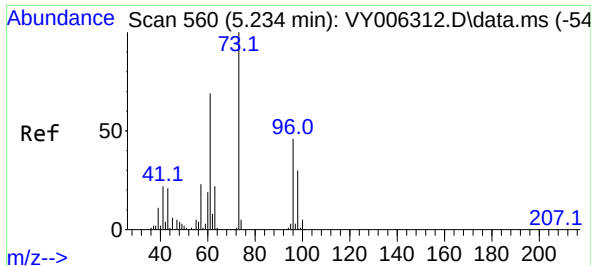
Tgt Ion: 43 Resp: 3474
Ion Ratio Lower Upper
43 100
74 13.2 16.7 25.1#



#17
trans-1,2-Dichloroethene
Concen: 2.531 ug/L
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 96 Resp: 6806
Ion Ratio Lower Upper
96 100
61 125.0 97.6 181.2
98 62.5 44.8 83.2

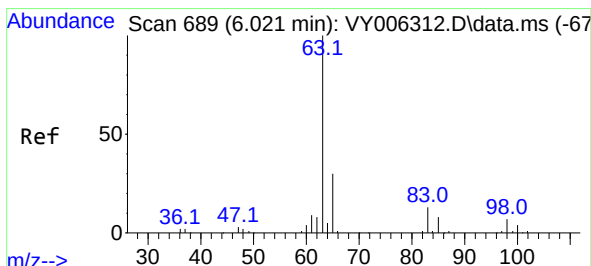
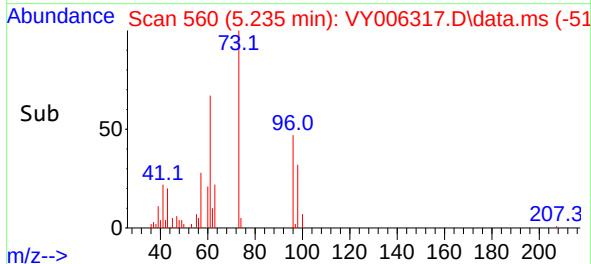
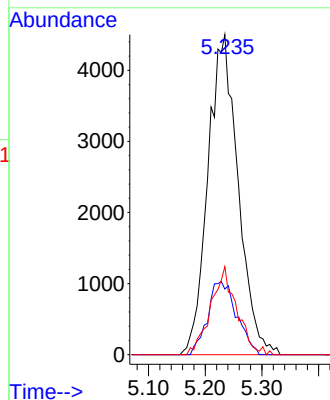
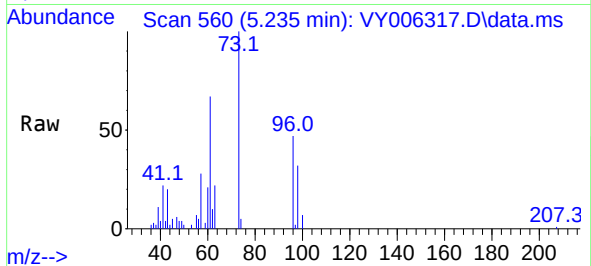




#18
Methyl tert-butyl Ether
Concen: 2.364 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

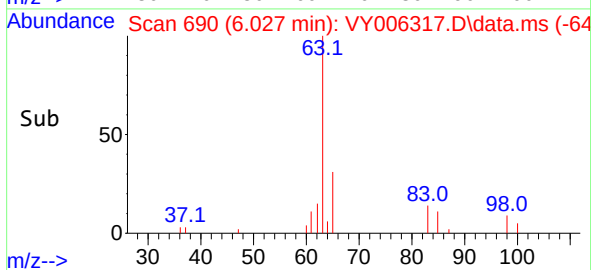
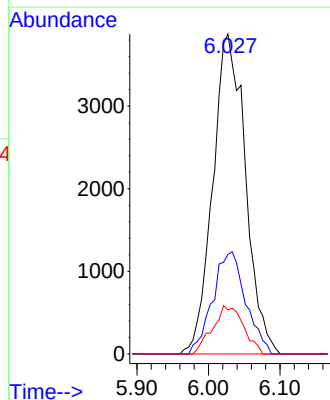
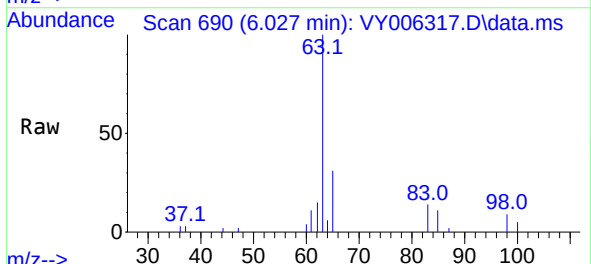
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

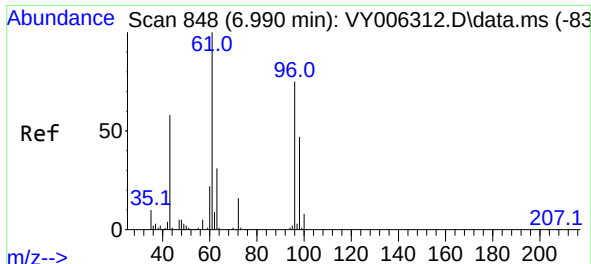
Tgt Ion: 73 Resp: 16626
Ion Ratio Lower Upper
73 100
43 22.1 16.8 25.2
57 23.2 18.7 28.1



#19
1,1-Dichloroethane
Concen: 2.517 ug/L
RT: 6.027 min Scan# 690
Delta R.T. 0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 63 Resp: 12267
Ion Ratio Lower Upper
63 100
65 31.1 22.4 41.6
83 13.7 9.5 17.7

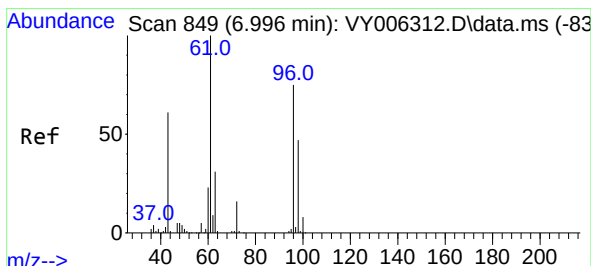
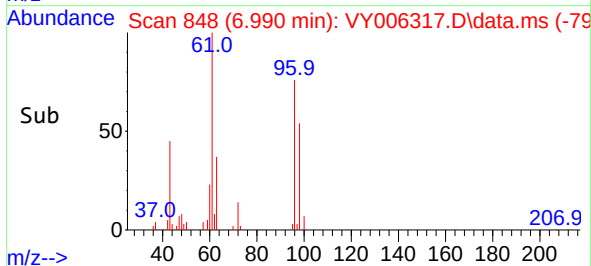
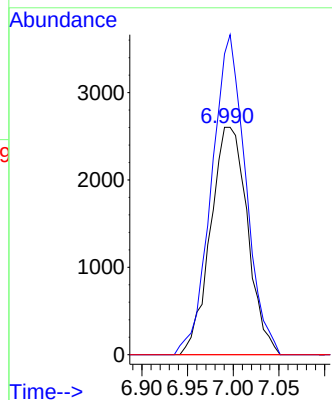
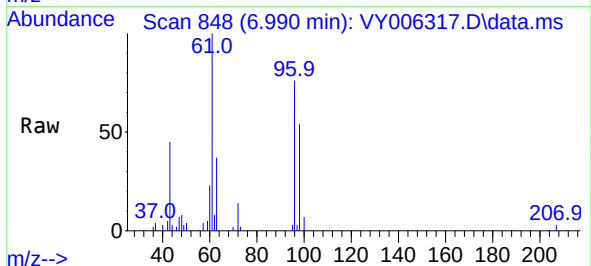




#20
cis-1,2-Dichloroethene
Concen: 2.600 ug/L
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

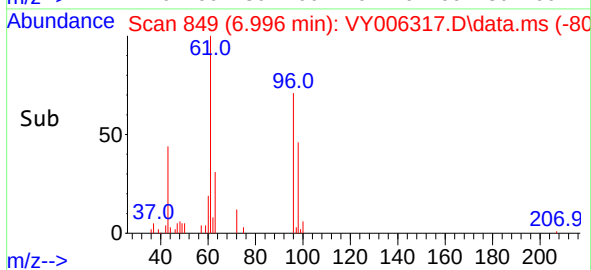
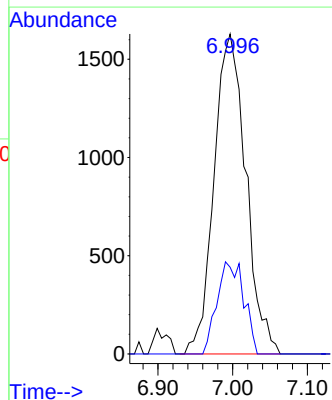
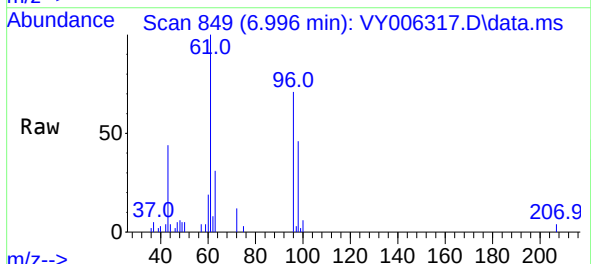
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

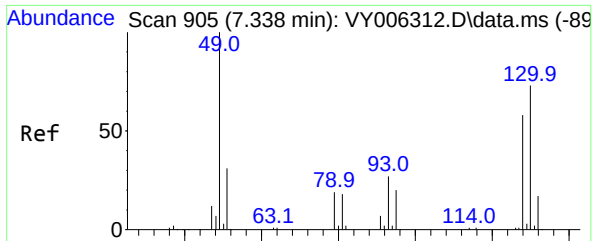
Tgt Ion: 96 Resp: 7327
Ion Ratio Lower Upper
96 100
61 132.4 94.8 176.2
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 4.117 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 43 Resp: 4819
Ion Ratio Lower Upper
43 100
72 16.3 12.2 36.6

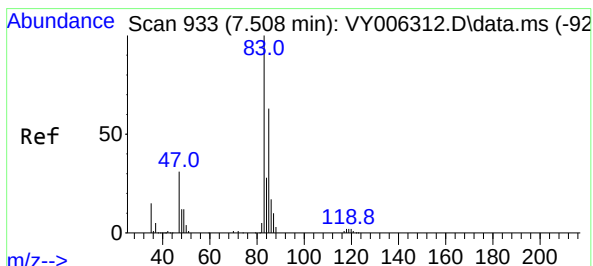
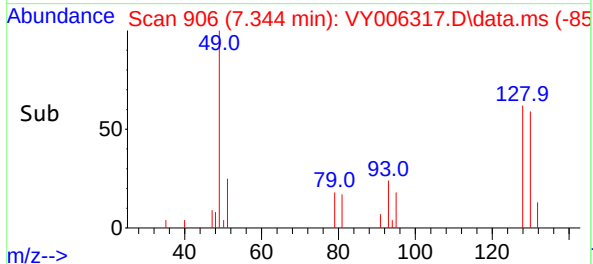
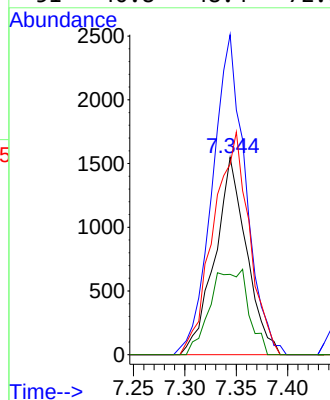
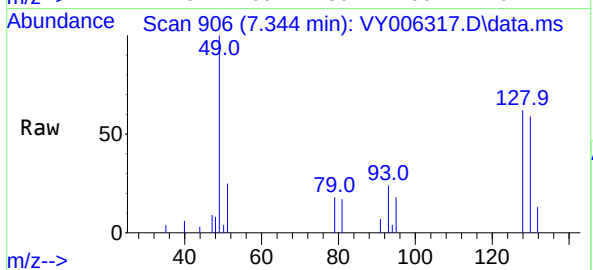




#23
Bromochloromethane
Concen: 2.598 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

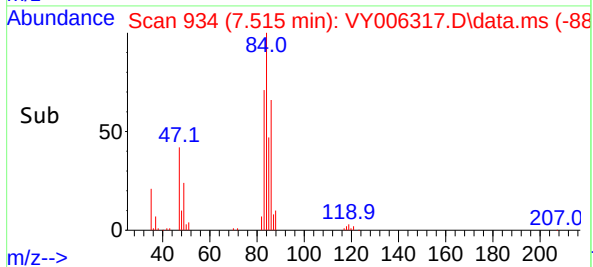
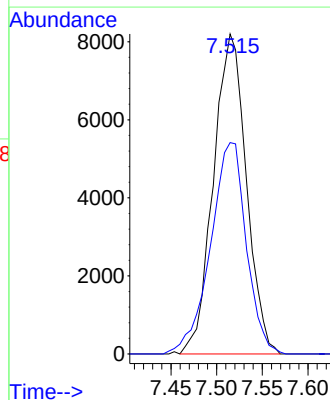
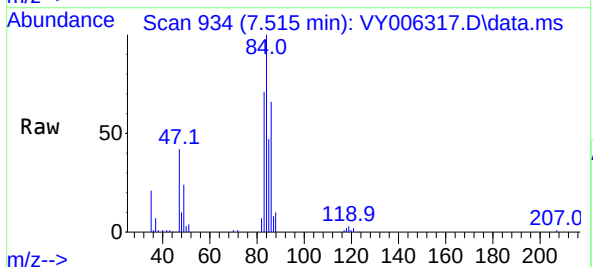
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

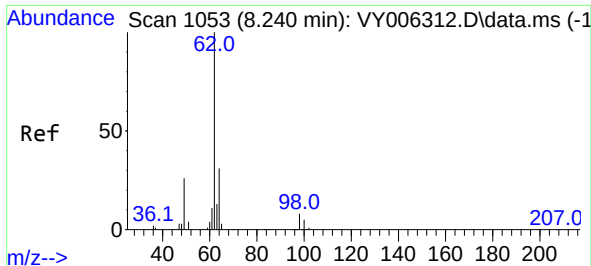
Tgt Ion:128 Resp: 3329
Ion Ratio Lower Upper
128 100
49 162.2 138.9 258.1
130 96.5 88.3 164.1
51 40.8 48.4 72.6#



#25
Chloroform
Concen: 3.851 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 83 Resp: 20556
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.4

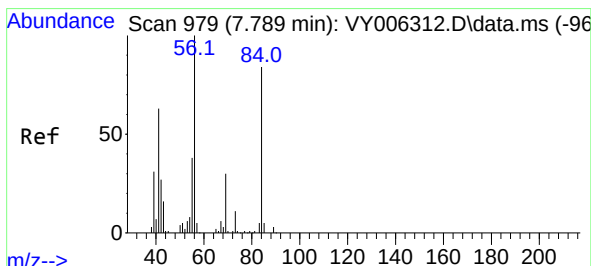
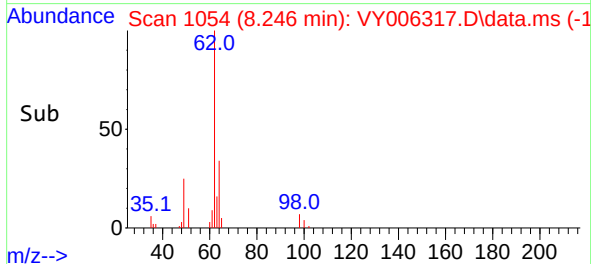
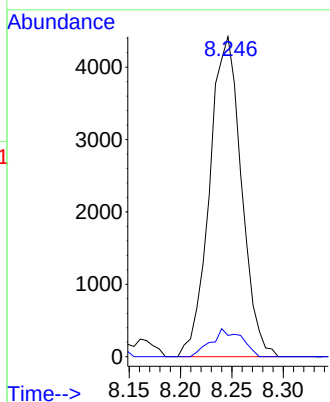
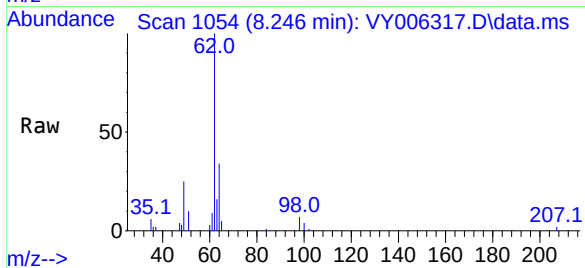




#27
1,2-Dichloroethane
Concen: 2.509 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

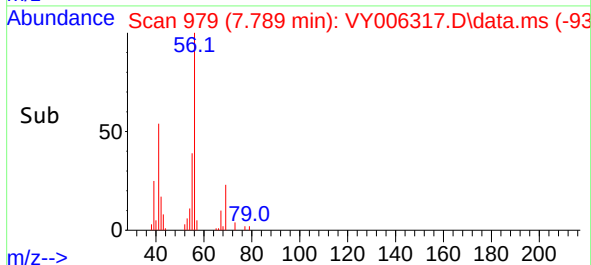
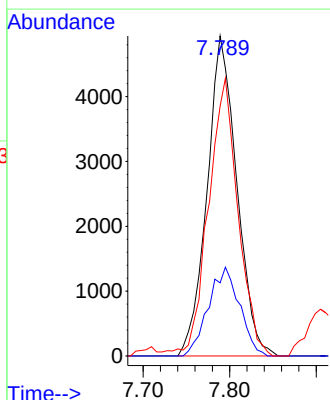
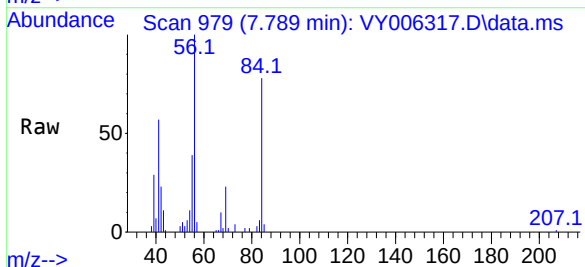
Instrument :
MSVOA_Y
ClientSampled :
MDL02

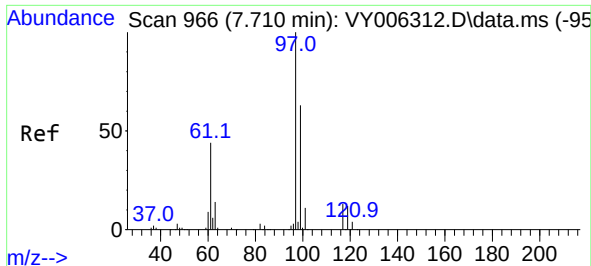
Tgt Ion: 62 Resp: 9522
Ion Ratio Lower Upper
62 100
98 6.6 7.5 11.3#



#29
Cyclohexane
Concen: 2.448 ug/L
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 56 Resp: 11775
Ion Ratio Lower Upper
56 100
69 29.0 22.6 33.8
84 86.6 66.1 99.1

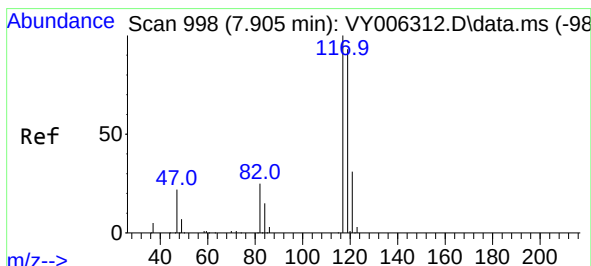
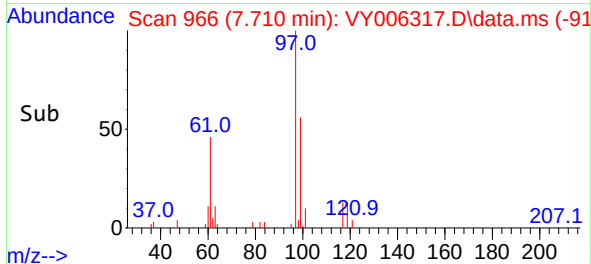
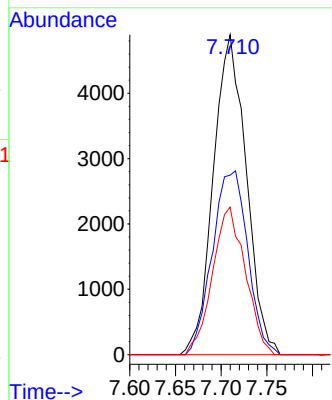
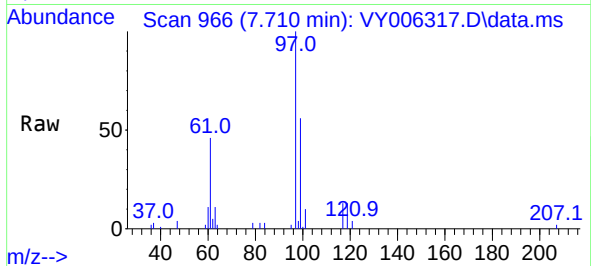




#30
1,1,1-Trichloroethane
Concen: 2.578 ug/L
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

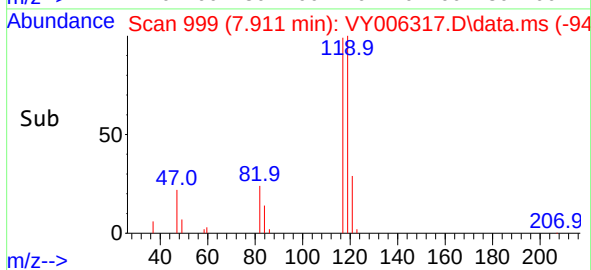
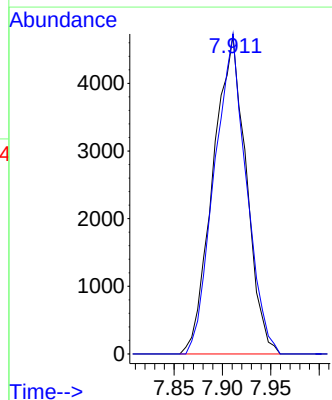
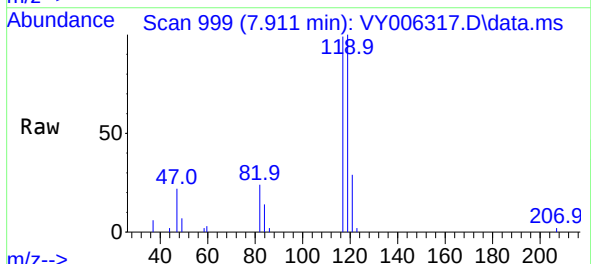
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

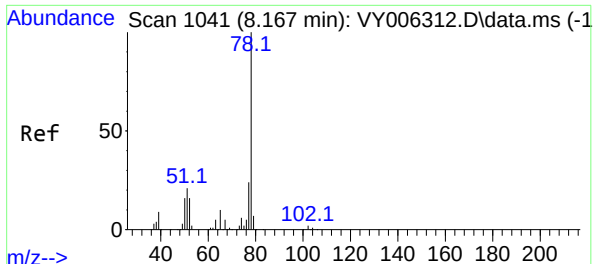
Tgt Ion: 97 Resp: 12239
Ion Ratio Lower Upper
97 100
99 62.0 51.8 77.6
61 46.1 37.3 55.9



#31
Carbon tetrachloride
Concen: 2.609 ug/L
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 117 Resp: 11207
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2

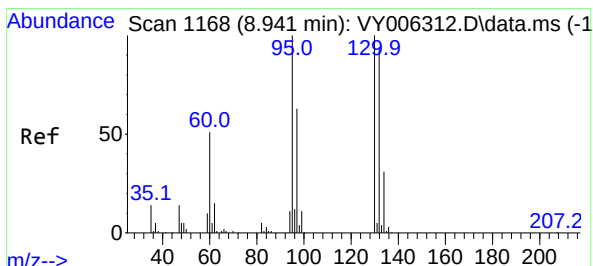
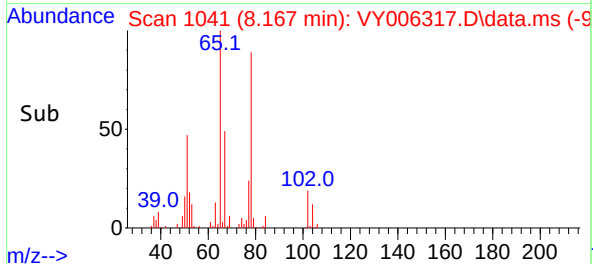
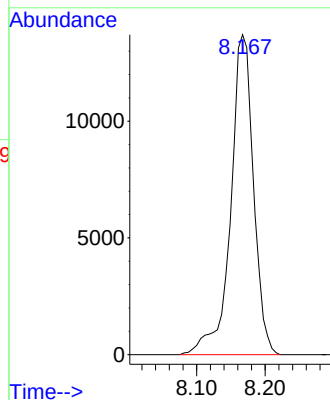
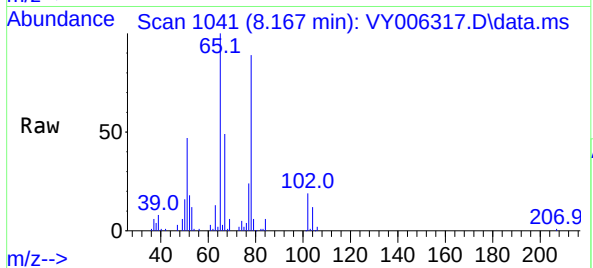




#33
Benzene
Concen: 2.779 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Instrument :
MSVOA_Y
ClientSampled :
MDL02

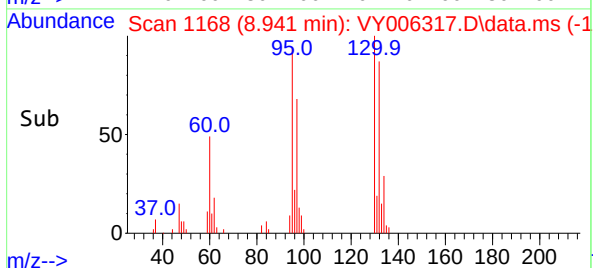
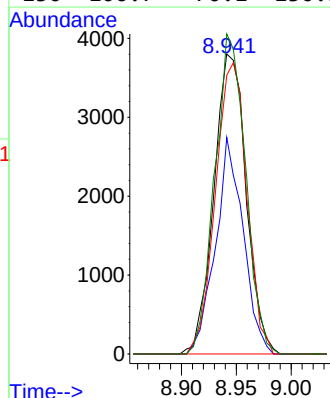
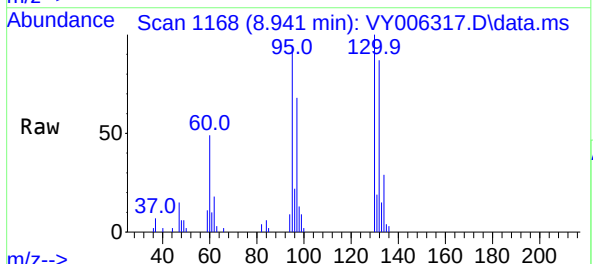
Tgt Ion: 78 Resp: 31727

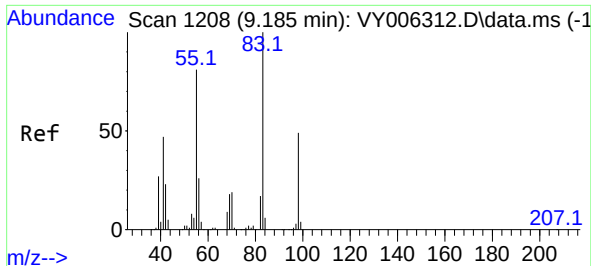


#34
Trichloroethene
Concen: 2.680 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 95 Resp: 7772

Ion	Ratio	Lower	Upper
95	100		
97	72.2	44.2	82.2
132	92.9	66.8	124.0
130	106.7	70.1	130.1

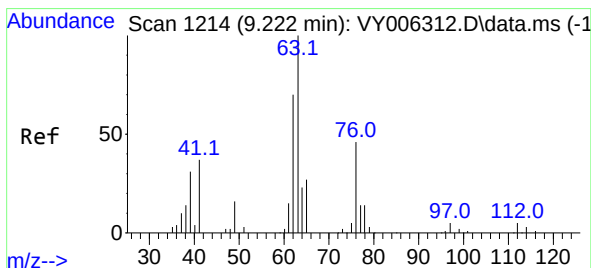
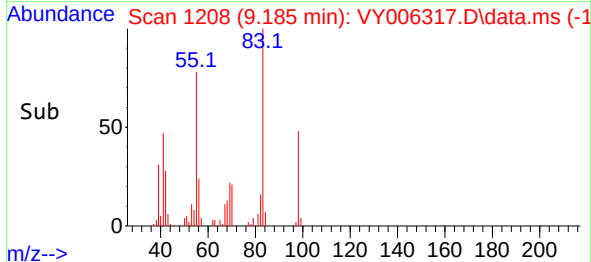
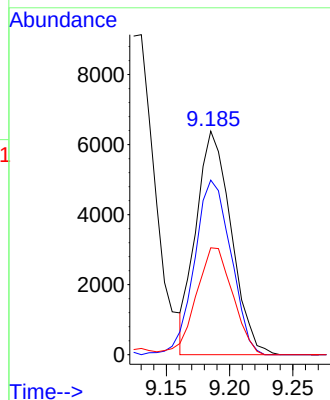
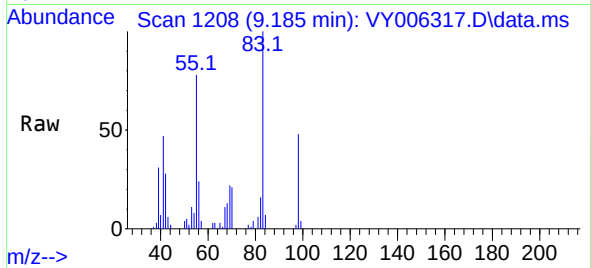




#35
Methylcyclohexane
Concen: 2.438 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

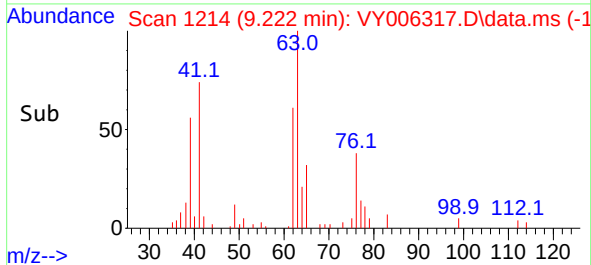
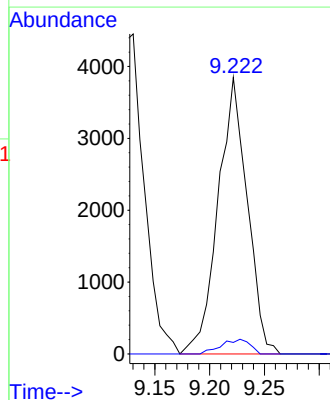
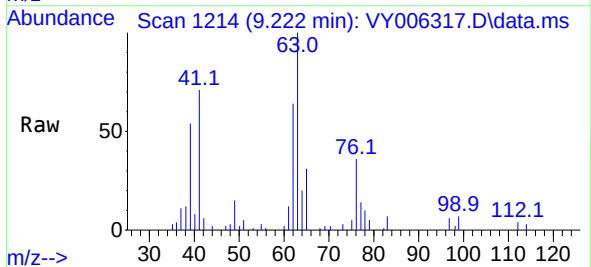
Instrument :
MSVOA_Y
ClientSampled :
MDL02

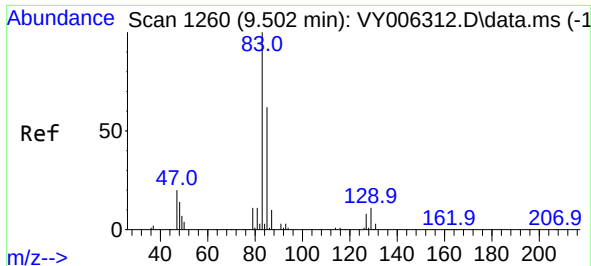
Tgt Ion: 83 Resp: 12348
Ion Ratio Lower Upper
83 100
55 81.0 63.9 95.9
98 50.0 38.7 58.1



#37
1,2-Dichloropropane
Concen: 2.611 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 63 Resp: 7132
Ion Ratio Lower Upper
63 100
112 5.2 3.1 4.7#

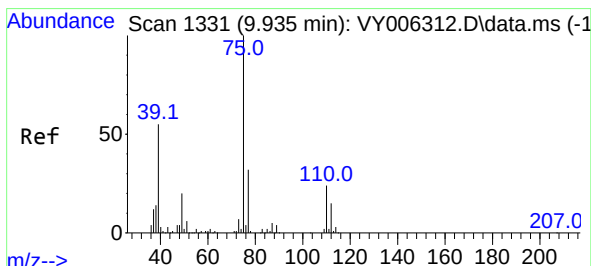
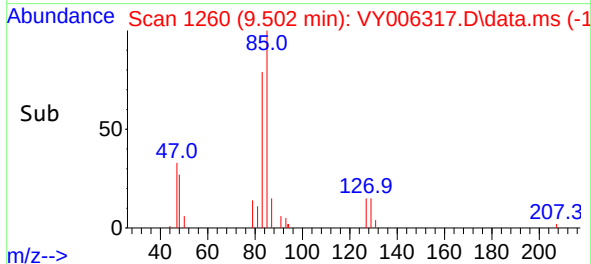
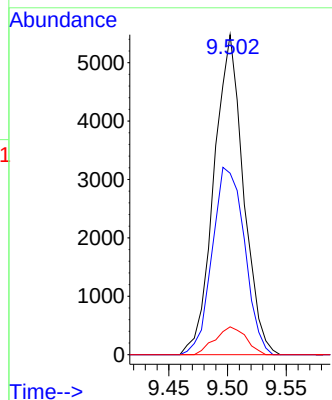
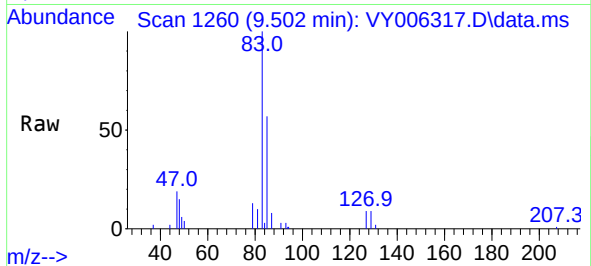




#38
Bromodichloromethane
Concen: 2.553 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

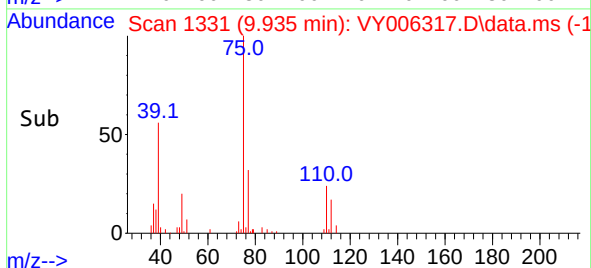
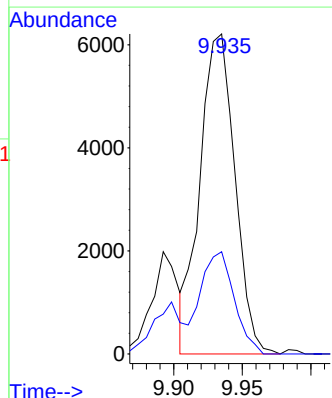
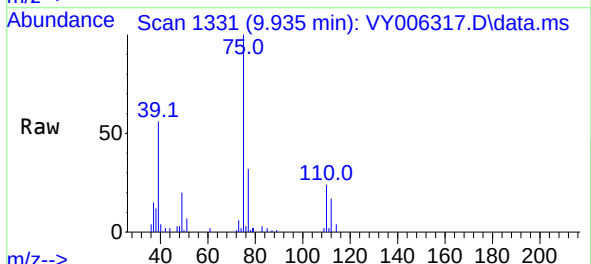
Instrument :
MSVOA_Y
ClientSampled :
MDL02

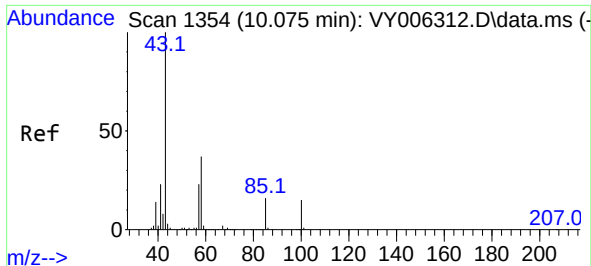
Tgt Ion:	83	Resp:	9569
Ion	Ratio	Lower	Upper
83	100		
85	56.7	44.1	81.9
127	8.7	6.9	10.3



#39
cis-1,3-Dichloropropene
Concen: 2.542 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion:	75	Resp:	11037
Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.3	41.3

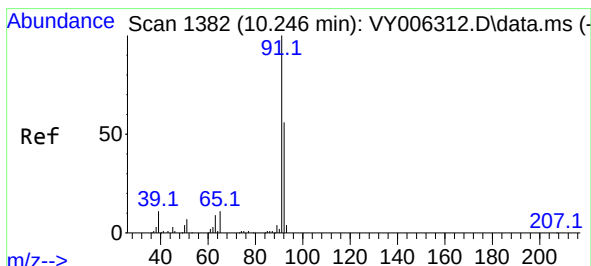
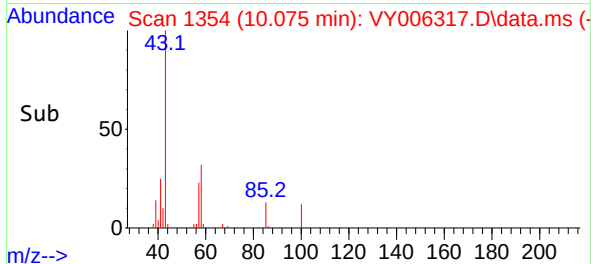
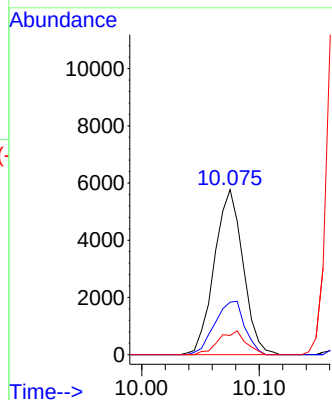
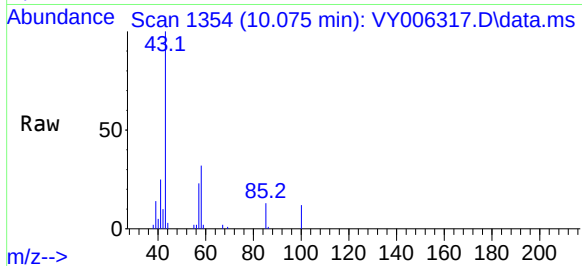




#40
4-Methyl-2-pentanone
Concen: 4.468 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

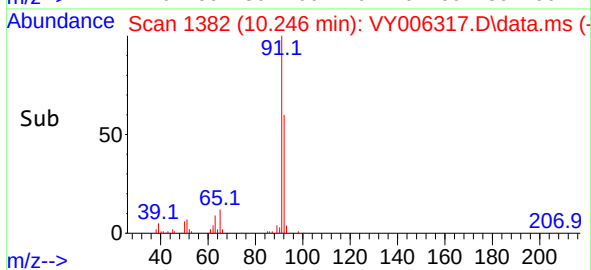
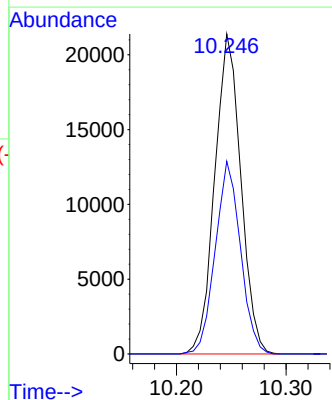
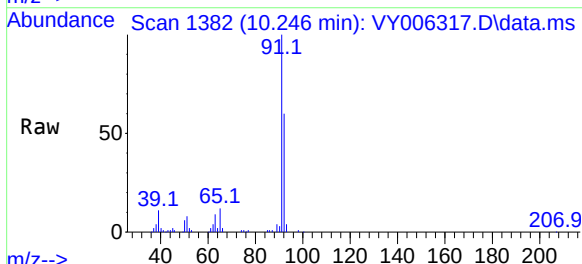
Instrument :
MSVOA_Y
ClientSampled :
MDL02

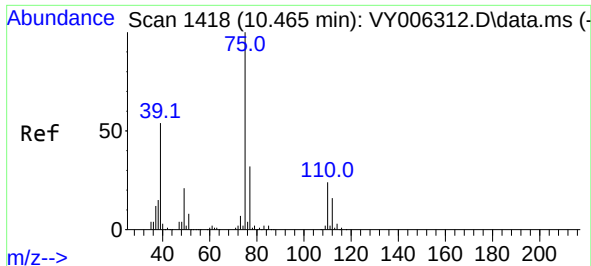
Tgt Ion: 43 Resp: 9789
Ion Ratio Lower Upper
43 100
58 33.9 28.5 42.7
100 13.7 10.4 15.6



#42
Toluene
Concen: 2.867 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 91 Resp: 35386
Ion Ratio Lower Upper
91 100
92 60.2 40.5 75.1

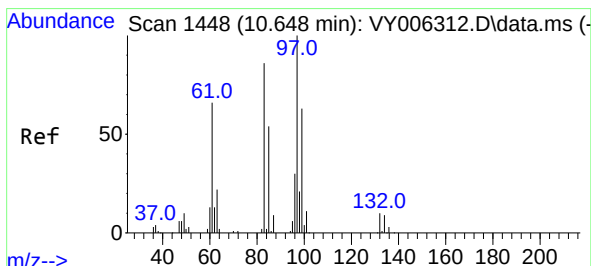
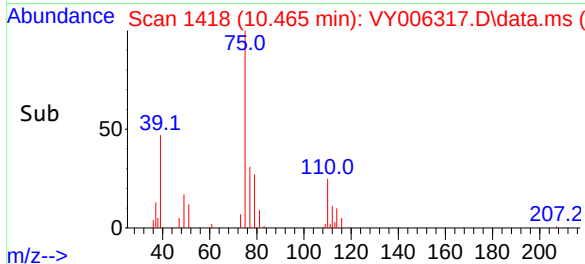
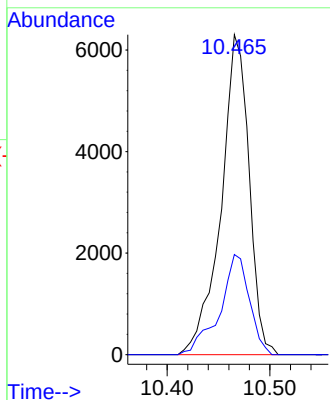
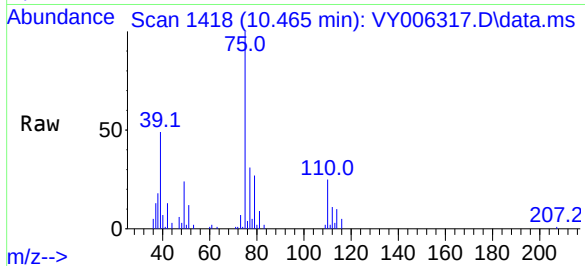




#44
trans-1,3-Dichloropropene
Concen: 2.914 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

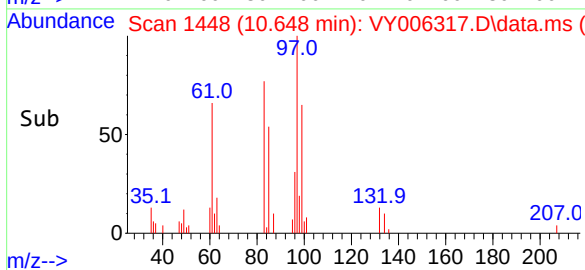
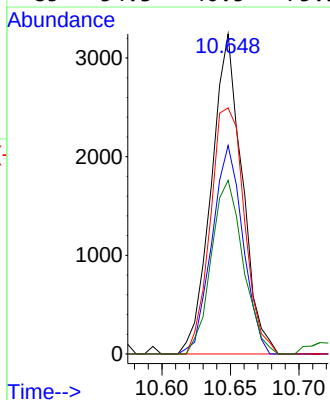
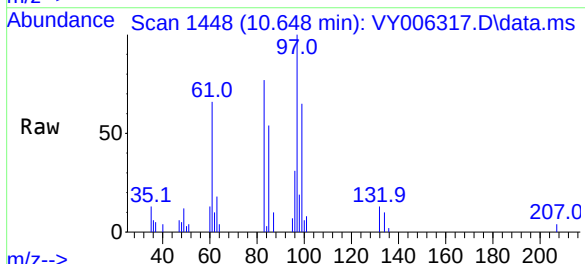
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

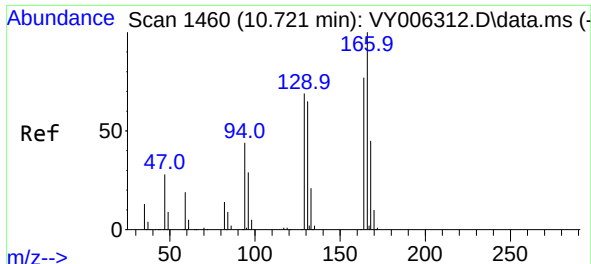
Tgt Ion: 75 Resp: 11943
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 2.520 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 97 Resp: 5085
Ion Ratio Lower Upper
97 100
99 65.2 44.2 82.0
83 76.9 61.1 113.5
85 54.3 40.5 75.3



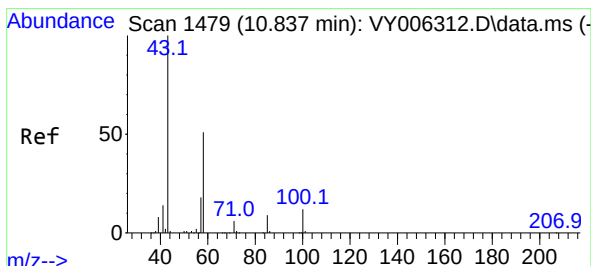
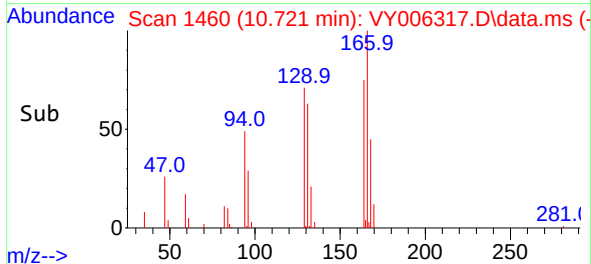
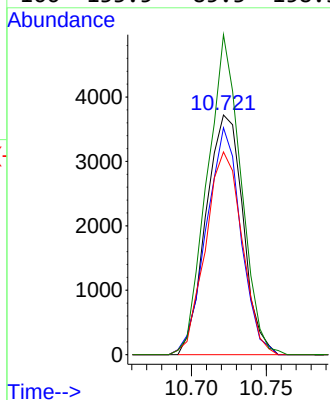
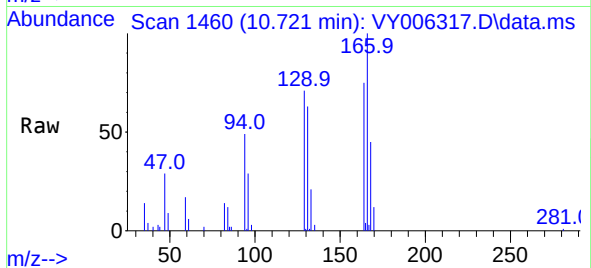


#46
Tetrachloroethene
Concen: 2.667 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Instrument :
MSVOA_Y
ClientSampled :
MDL02

Tgt Ion:164 Resp: 6385

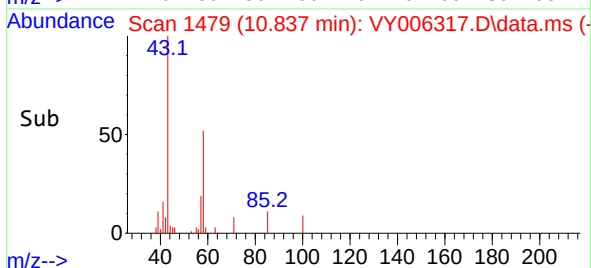
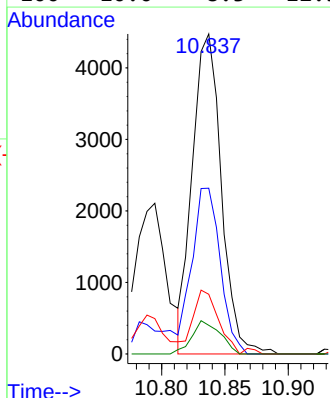
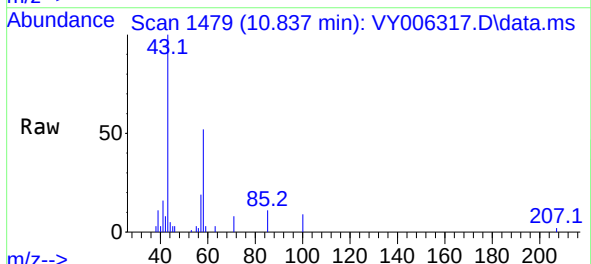
Ion	Ratio	Lower	Upper
164	100		
129	94.7	65.9	122.3
131	84.6	61.9	115.1
166	133.5	85.3	158.3

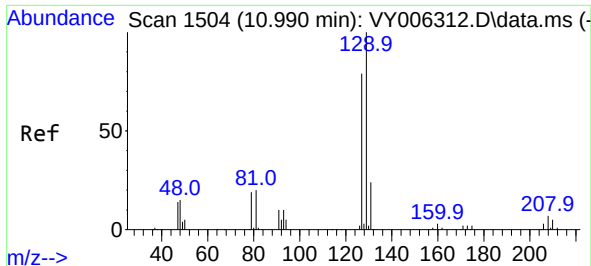


#48
2-Hexanone
Concen: 4.180 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 43 Resp: 7146

Ion	Ratio	Lower	Upper
43	100		
58	50.5	41.1	61.7
57	17.6	13.8	20.6
100	10.0	8.3	12.5

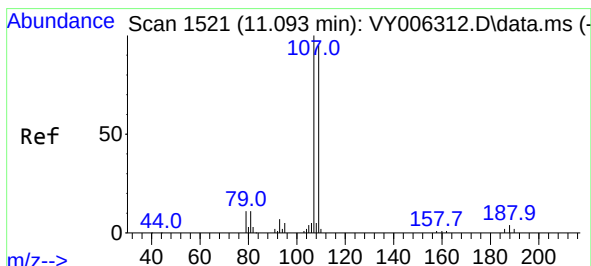
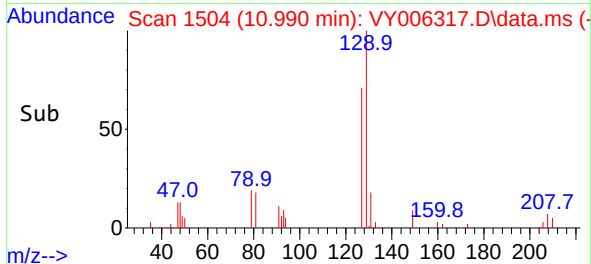
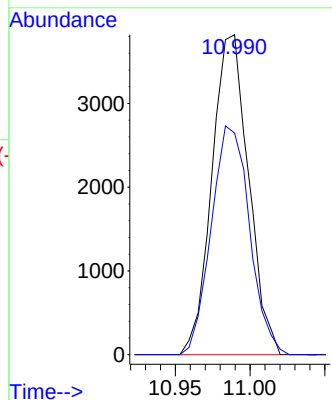
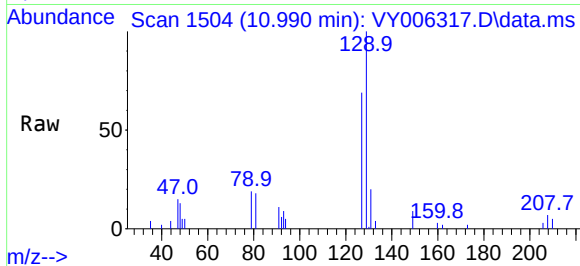




#49
Dibromochloromethane
Concen: 2.569 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

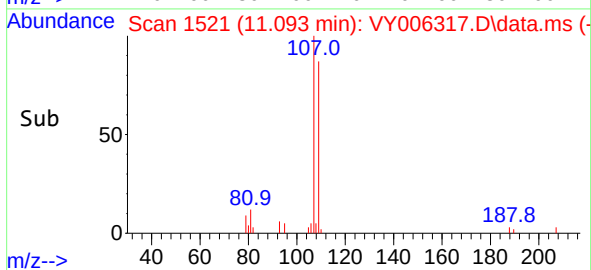
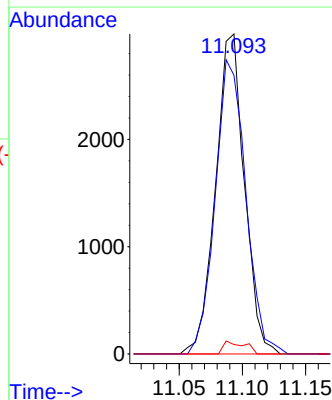
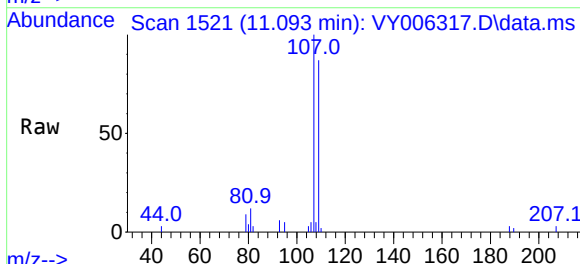
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

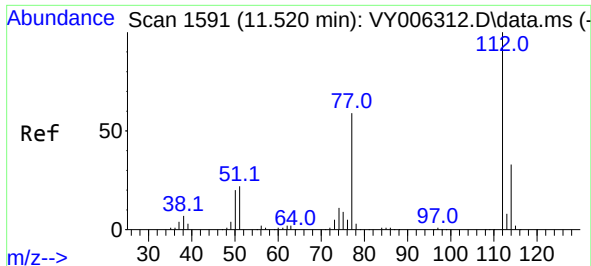
Tgt Ion:129 Resp: 6508
Ion Ratio Lower Upper
129 100
127 69.3 52.8 98.0



#50
1,2-Dibromoethane
Concen: 2.511 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion:107 Resp: 4724
Ion Ratio Lower Upper
107 100
109 87.1 65.7 121.9
188 2.9 2.8 4.2

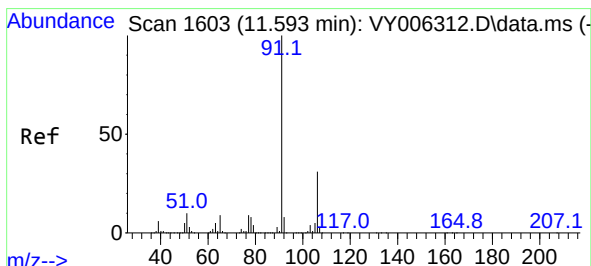
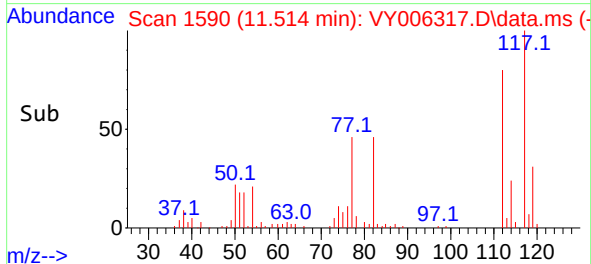
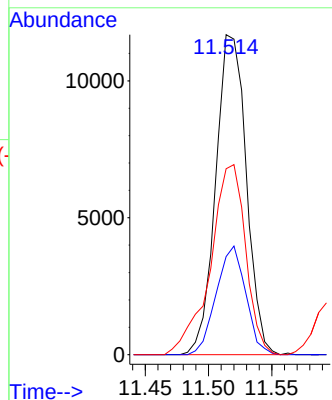
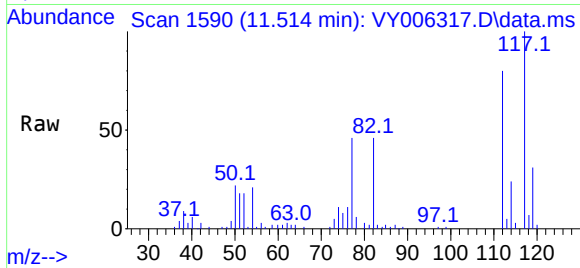




#51
Chlorobenzene
Concen: 2.628 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

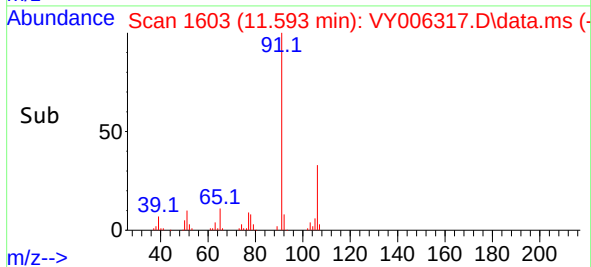
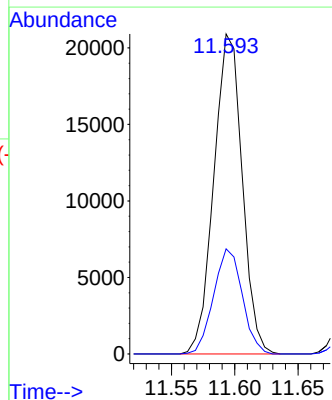
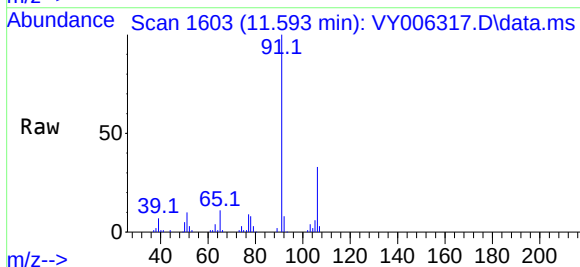
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

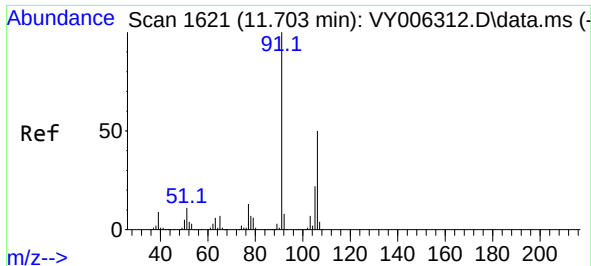
Tgt Ion:112 Resp: 19648
Ion Ratio Lower Upper
112 100
114 30.6 22.3 41.5
77 58.1 46.5 69.7



#52
Ethylbenzene
Concen: 2.473 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 91 Resp: 32557
Ion Ratio Lower Upper
91 100
106 32.9 21.2 39.4

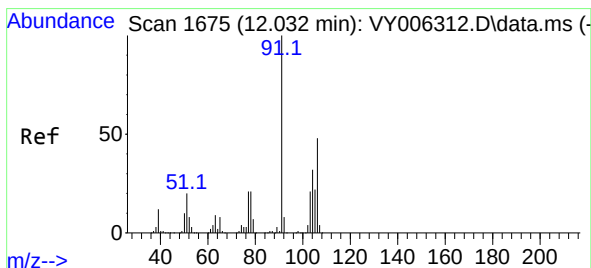
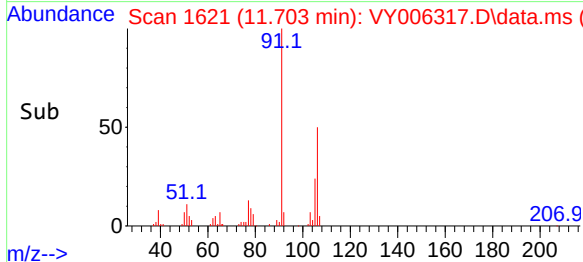
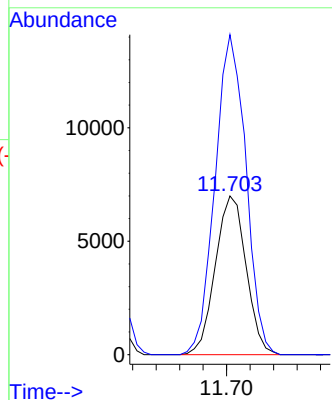
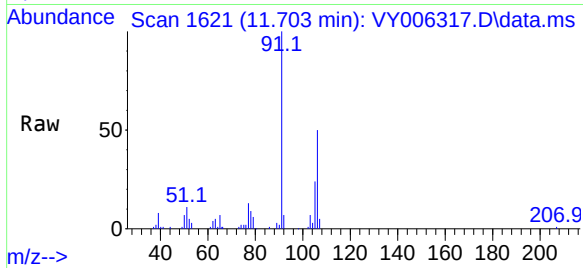




#53
m,p-Xylene
Concen: 2.529 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

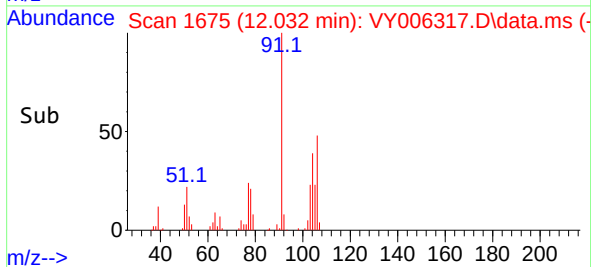
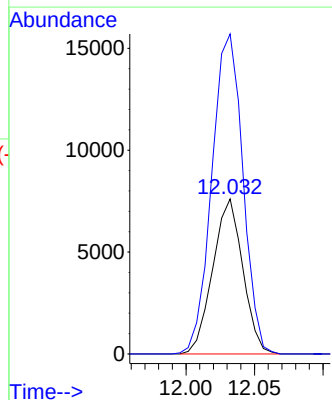
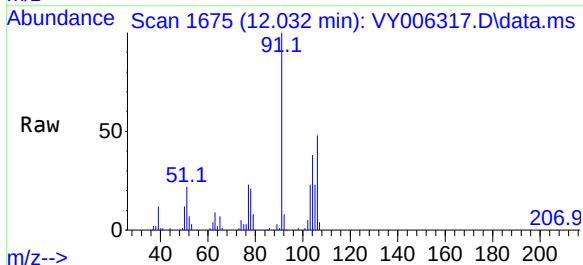
Instrument :
MSVOA_Y
ClientSampled :
MDL02

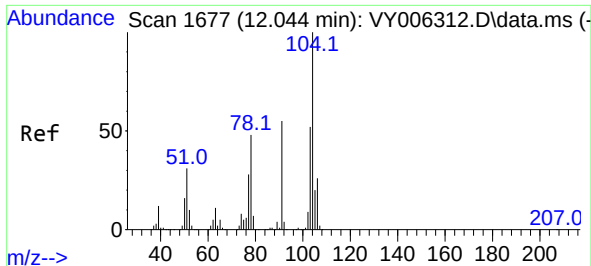
Tgt Ion:106 Resp: 12748
Ion Ratio Lower Upper
106 100
91 201.6 145.7 270.5



#54
o-Xylene
Concen: 2.403 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion:106 Resp: 11604
Ion Ratio Lower Upper
106 100
91 206.4 150.6 279.6

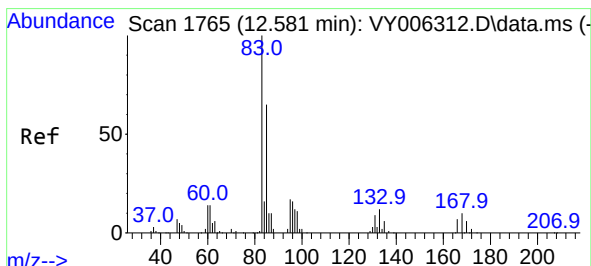
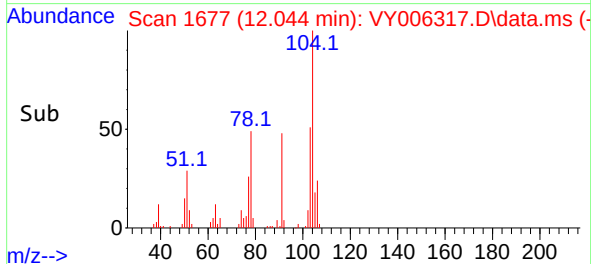
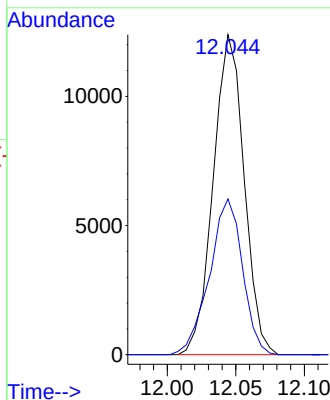
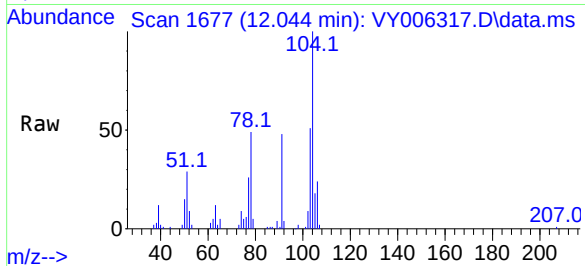




#55
Styrene
Concen: 2.306 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

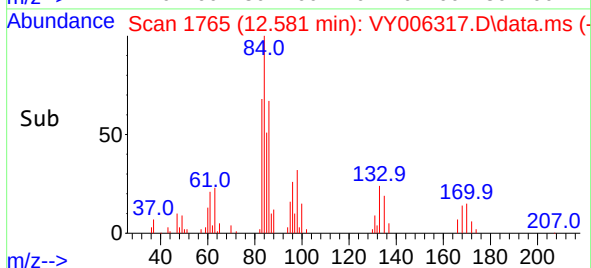
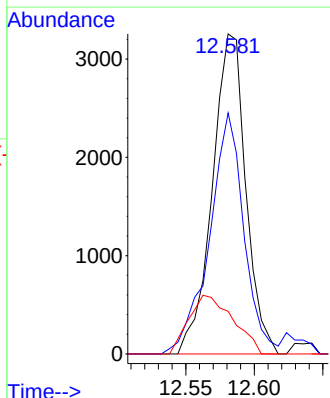
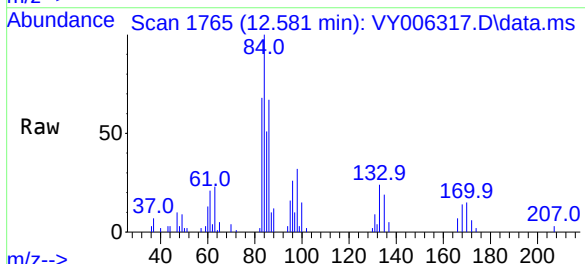
Instrument :
MSVOA_Y
ClientSampled :
MDL02

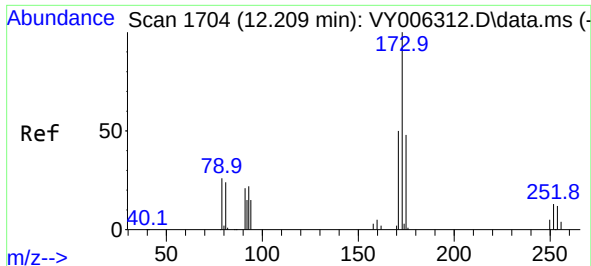
Tgt Ion:104 Resp: 19413
Ion Ratio Lower Upper
104 100
78 48.6 31.8 59.0



#57
1,1,2,2-Tetrachloroethane
Concen: 2.513 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 83 Resp: 5529
Ion Ratio Lower Upper
83 100
85 75.3 45.0 83.6
131 13.4 6.9 10.3#

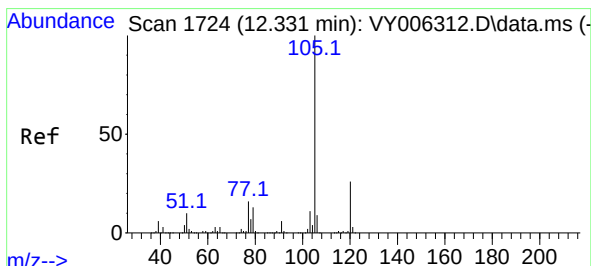
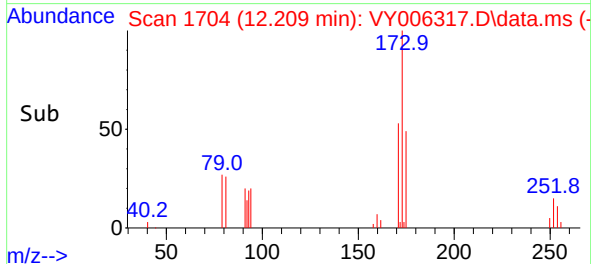
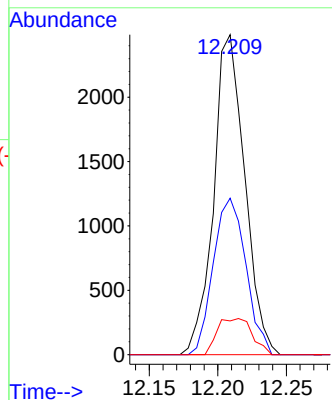
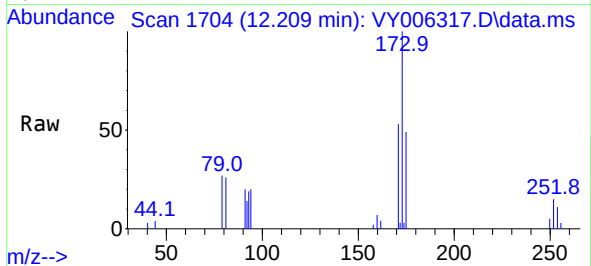




#59
Bromoform
Concen: 2.491 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

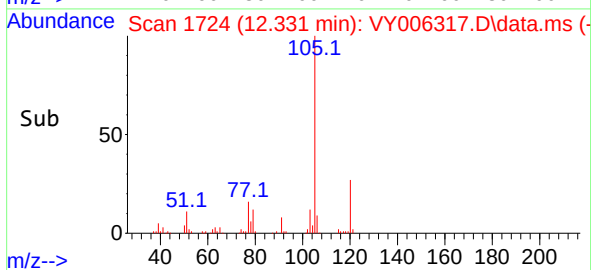
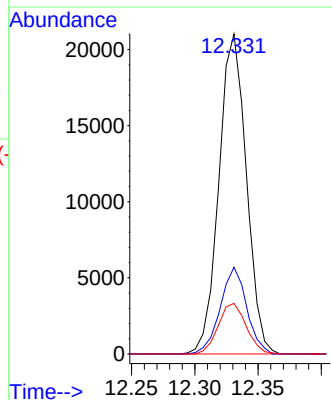
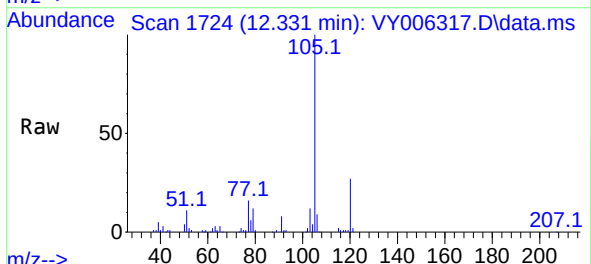
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

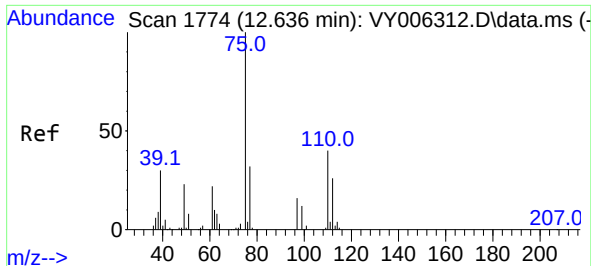
Tgt Ion:173 Resp: 3930
Ion Ratio Lower Upper
173 100
175 51.2 38.8 58.2
254 6.0 7.3 10.9#



#60
Isopropylbenzene
Concen: 2.513 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion:105 Resp: 31720
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 16.1 12.7 19.1

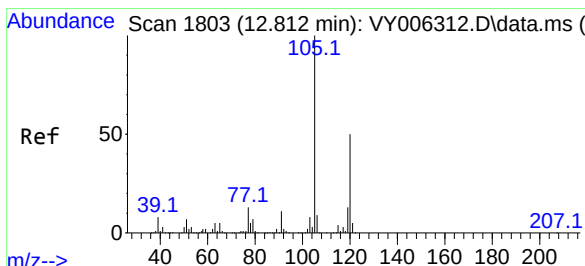
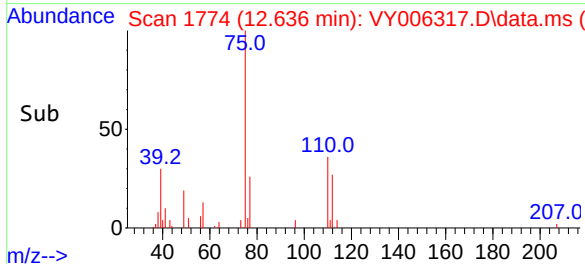
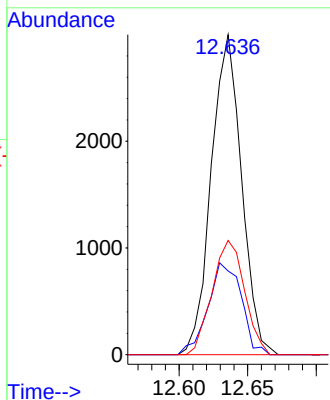
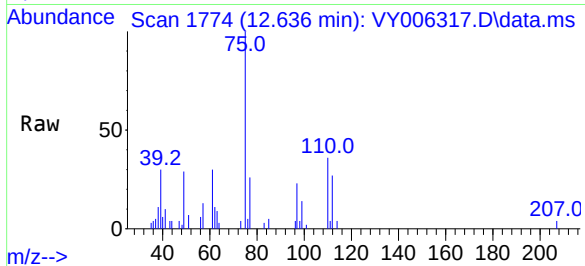




#61
1,2,3-Trichloropropane
Concen: 2.518 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

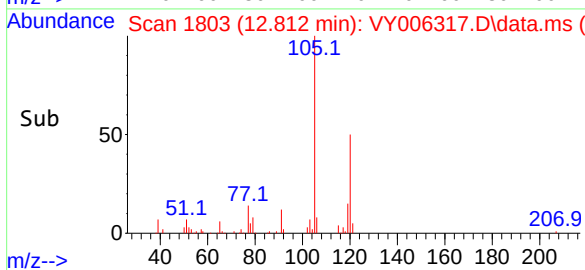
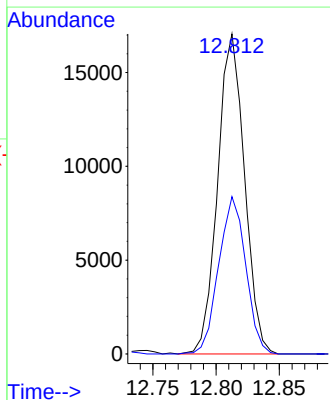
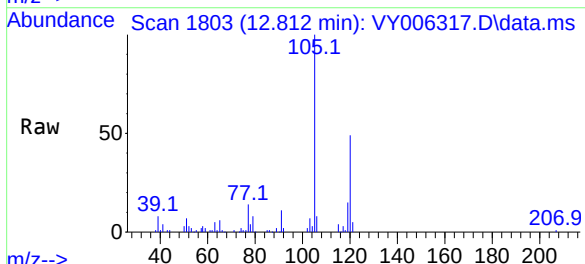
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

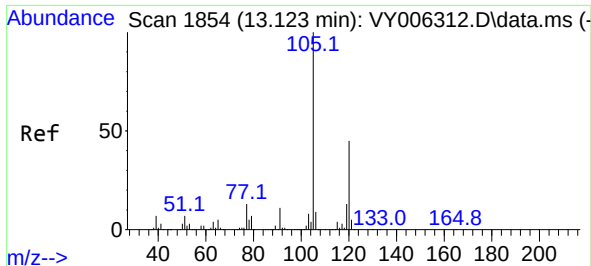
Tgt Ion: 75 Resp: 4618
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
110 38.2 30.8 46.2



#62
1,3,5-Trimethylbenzene
Concen: 2.449 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion: 105 Resp: 25173
Ion Ratio Lower Upper
105 100
120 49.5 38.3 57.5

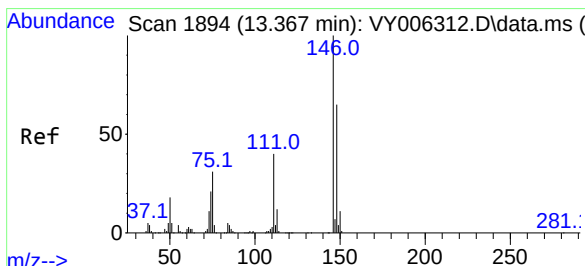
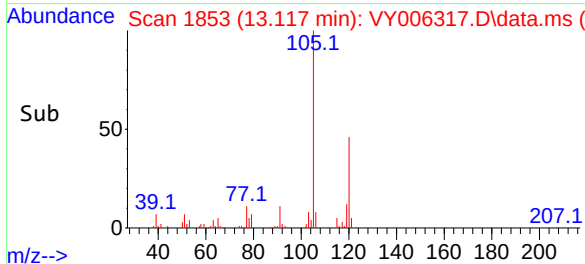
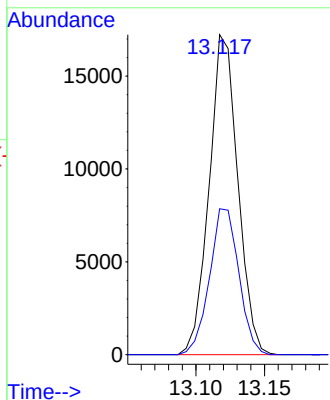
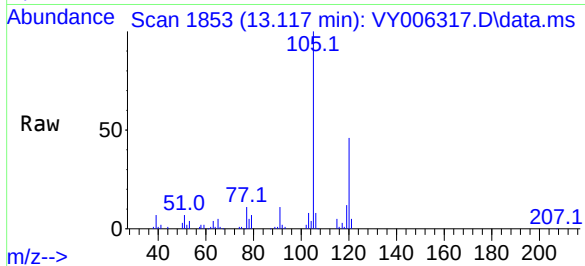




#63
1,2,4-Trimethylbenzene
Concen: 2.472 ug/L
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

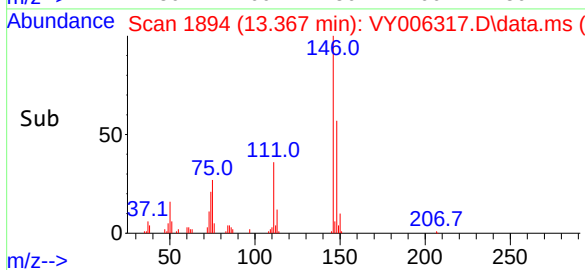
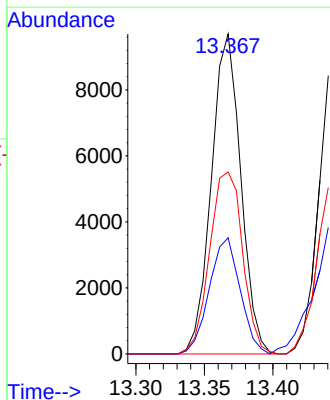
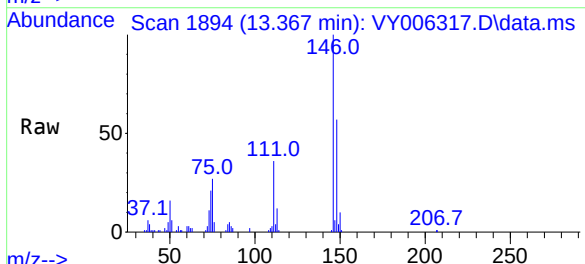
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

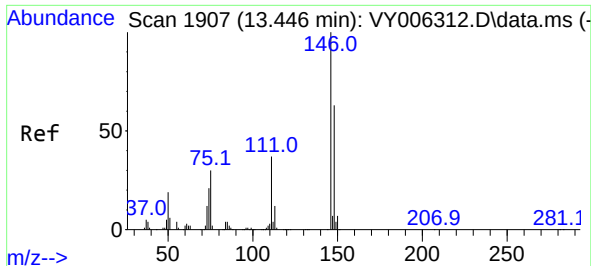
Tgt Ion:105 Resp: 25081
Ion Ratio Lower Upper
105 100
120 46.7 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 2.561 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion:146 Resp: 14486
Ion Ratio Lower Upper
146 100
111 36.3 27.4 51.0
148 56.9 45.1 83.7

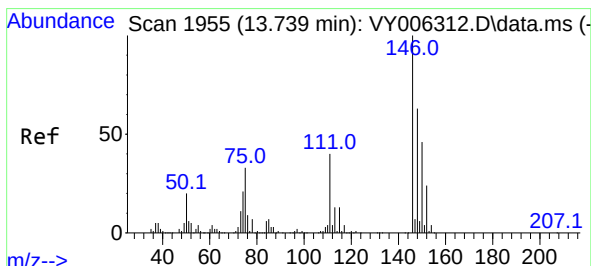
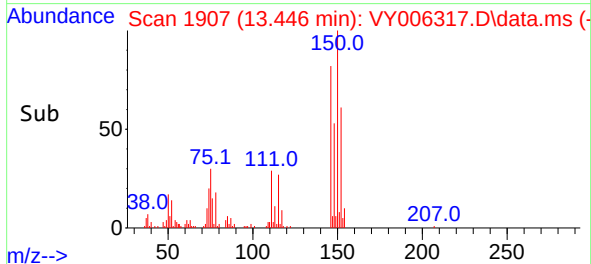
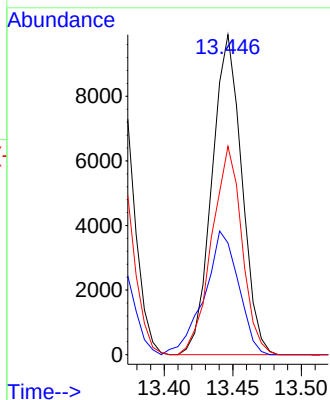
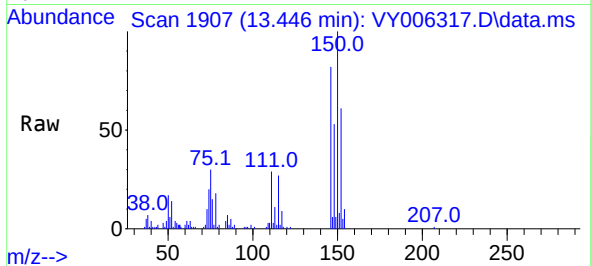




#65
1,4-Dichlorobenzene
Concen: 2.635 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

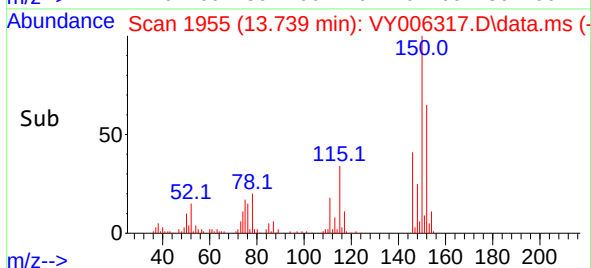
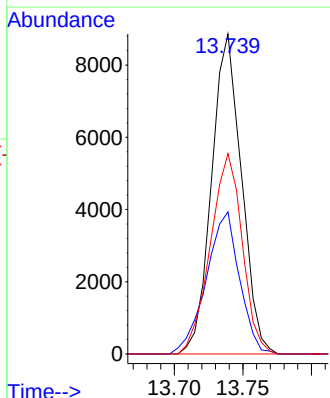
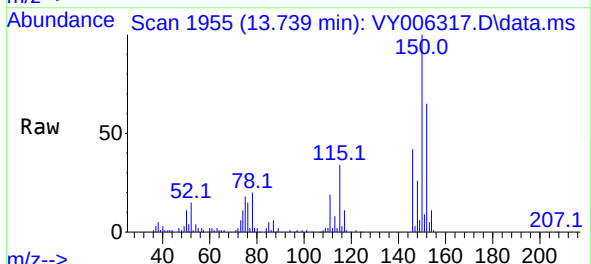
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

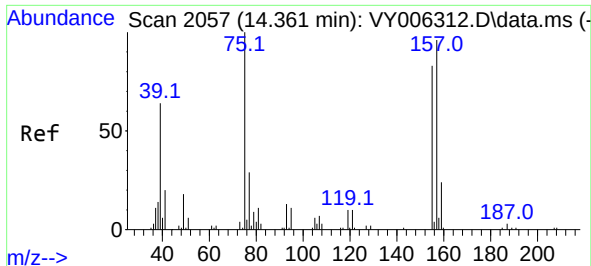
Tgt Ion:	146	Resp:	14990
Ion	Ratio	Lower	Upper
146	100		
111	34.9	26.4	49.0
148	65.1	44.3	82.3



#67
1,2-Dichlorobenzene
Concen: 2.613 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion:	146	Resp:	13435
Ion	Ratio	Lower	Upper
146	100		
111	44.4	33.9	50.9
148	62.6	49.7	74.5

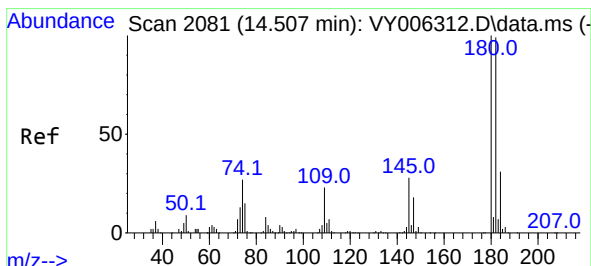
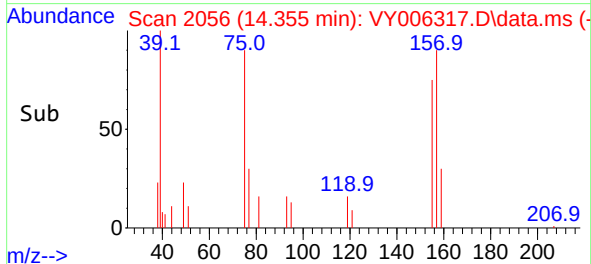
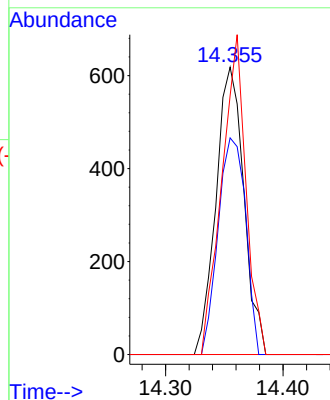
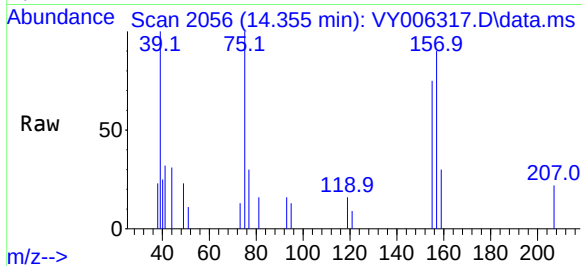




#68
1,2-Dibromo-3-chloropropane
Concen: 2.310 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

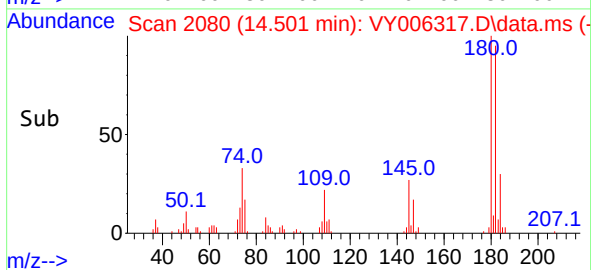
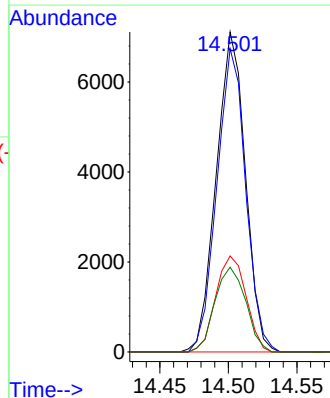
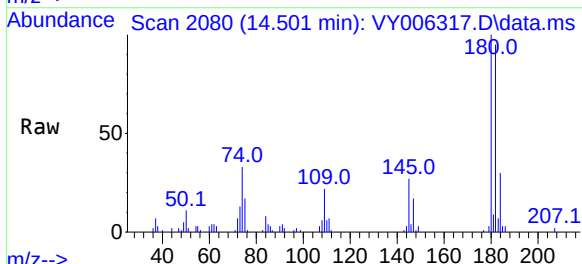
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

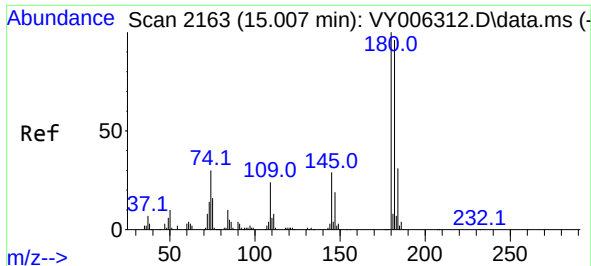
Tgt Ion: 75 Resp: 1021
Ion Ratio Lower Upper
75 100
155 75.4 64.5 96.7
157 90.1 77.4 116.2



#69
1,3,5-Trichlorobenzene
Concen: 2.621 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion:180 Resp: 10487
Ion Ratio Lower Upper
180 100
182 93.8 76.1 114.1
184 31.3 24.6 36.8
145 28.2 24.4 36.6

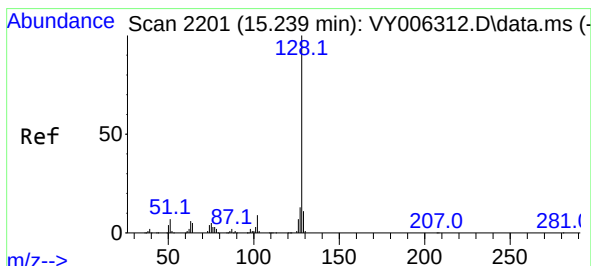
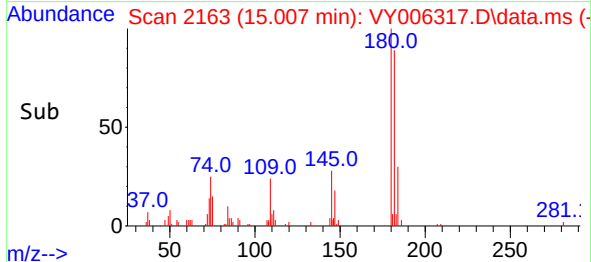
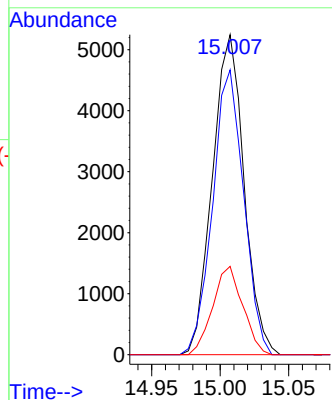
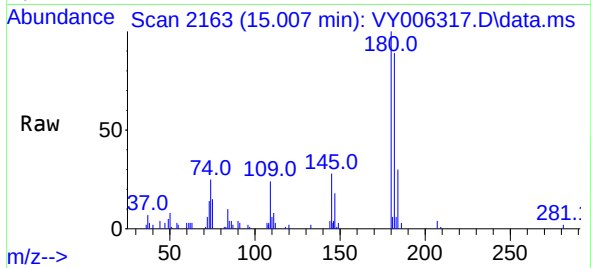




#70
1,2,4-trichlorobenzene
Concen: 2.606 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

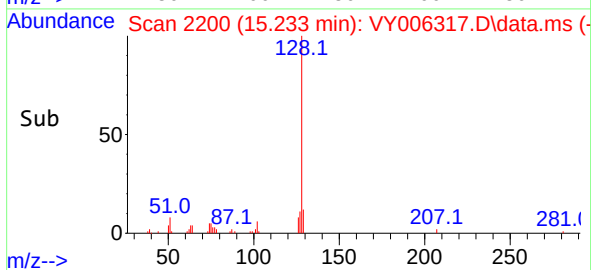
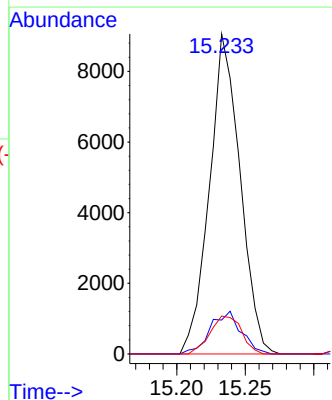
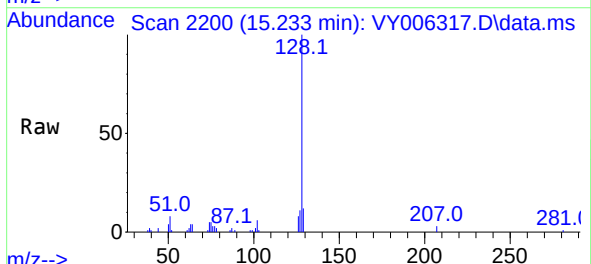
Instrument :
MSVOA_Y
ClientSampleId :
MDL02

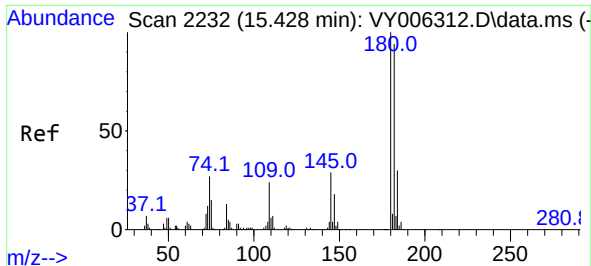
Tgt Ion:	180	Resp:	8428
Ion	Ratio	Lower	Upper
180	100		
182	87.2	76.4	114.6
145	26.2	25.0	37.6



#71
Naphthalene
Concen: 2.228 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006317.D
Acq: 06 Oct 2021 12:00

Tgt Ion:	128	Resp:	14080
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	12.2	8.9	13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 2.572 ug/L
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: VY006317.D
 Acq: 06 Oct 2021 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02

Tgt Ion:	180	Resp:	7229
Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.2	114.2
145	29.9	25.8	38.8

