

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY007003.D
 Acq On : 07 Dec 2021 18:00
 Operator : SY/MD
 Sample : M4887-17MS
 Misc : 5.37g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D0MS

Quant Time: Dec 08 02:57:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 02:54:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	131851	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	145940	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	72312	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	35666	12.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.120%
7) Chloroethane-d5	2.772	69	30501	13.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.840%
11) 1,1-Dichloroethene-d2	3.863	63	71849	15.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.840%
21) 2-Butanone-d5	6.893	46	34296	39.944	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.880%
24) Chloroform-d	7.478	84	78694	18.824	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.280%
26) 1,2-Dichloroethane-d4	8.143	65	48136	19.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.920%
32) Benzene-d6	8.112	84	133954	14.041	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	56.160%
36) 1,2-Dichloropropane-d6	9.124	67	52827	16.423	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	65.680%#
41) Toluene-d8	10.179	98	114142	12.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.840%
43) trans-1,3-Dichloroprop...	10.435	79	24140	16.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.880%
47) 2-Hexanone-d5	10.788	63	24712	33.429	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.860%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	54557	19.815	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.280%
66) 1,2-Dichlorobenzene-d4	13.721	152	58719	21.122	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	22356	24.951	ug/L	90
3) Chloromethane	2.113	50	50271	22.581	ug/L	100
5) Vinyl chloride	2.259	62	86296	24.262	ug/L	97
6) Bromomethane	2.668	94	51192	24.530	ug/L	97
8) Chloroethane	2.808	64	51003	24.666	ug/L	100
9) Trichlorofluoromethane	3.131	101	61402	27.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	47265	24.605	ug/L	95
12) 1,1-Dichloroethene	3.881	96	48361	24.598	ug/L #	65
13) Acetone	3.948	43	33133	44.676	ug/L	99
14) Carbon disulfide	4.198	76	157827	25.041	ug/L	97
15) Methyl Acetate	4.485	43	37296	24.058	ug/L #	68
16) Methylene chloride	4.722	84	62269	22.673	ug/L	99
17) trans-1,2-Dichloroethene	5.222	96	52866	25.837	ug/L	94
18) Methyl tert-butyl Ether	5.222	73	105631	26.376	ug/L #	85
19) 1,1-Dichloroethane	6.021	63	112471	26.048	ug/L	98
20) cis-1,2-Dichloroethene	6.984	96	60429	26.782	ug/L	96
22) 2-Butanone	6.990	43	47451	45.444	ug/L	98
23) Bromochloromethane	7.338	128	25998	26.341	ug/L	86
25) Chloroform	7.509	83	108977	26.291	ug/L	100

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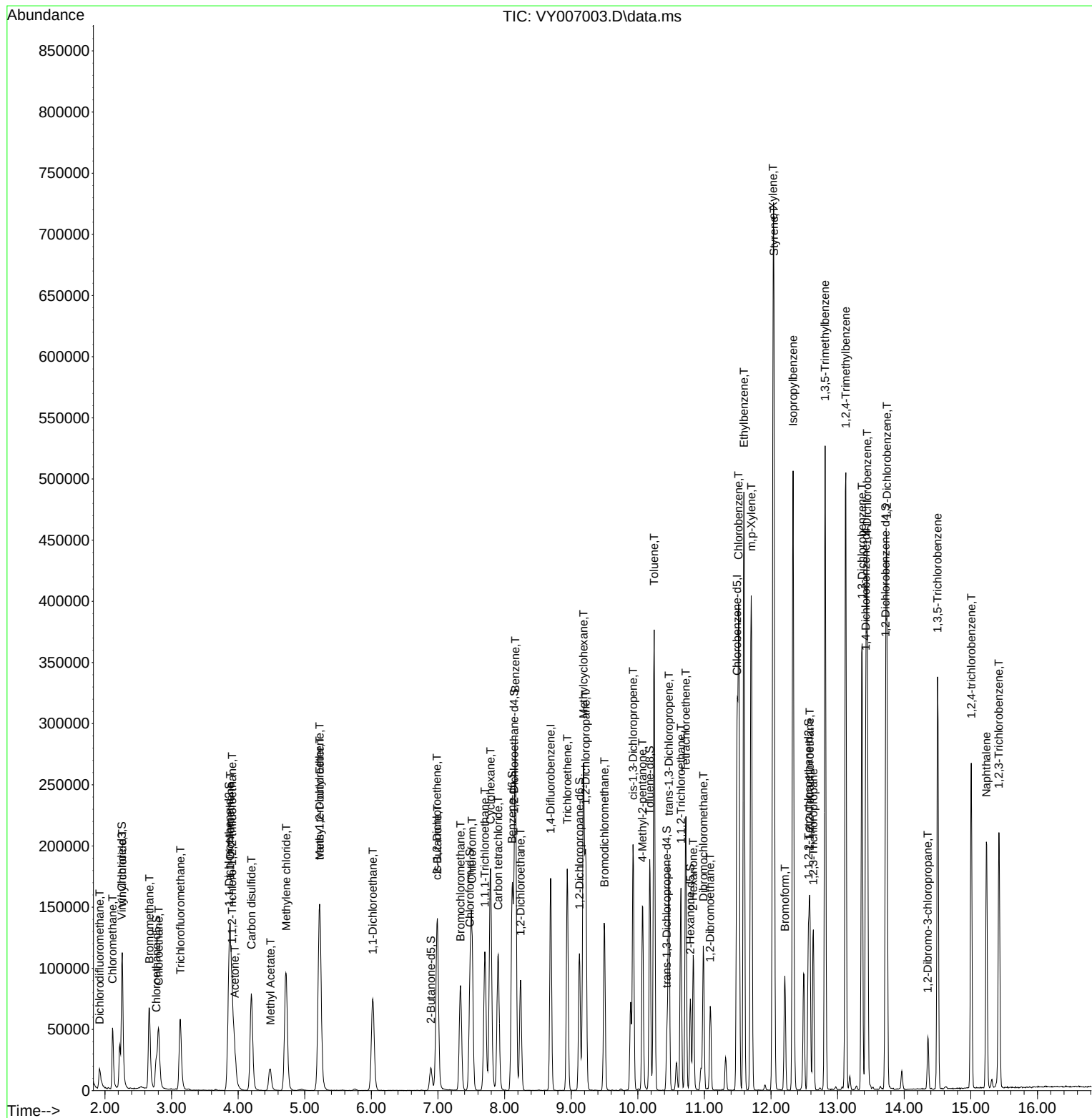
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	78245	26.470	ug/L	100
29) Cyclohexane	7.789	56	101234	22.253	ug/L	100
30) 1,1,1-Trichloroethane	7.704	97	88657	22.188	ug/L	99
31) Carbon tetrachloride	7.905	117	78746	21.665	ug/L	100
33) Benzene	8.161	78	241723	22.332	ug/L	100
34) Trichloroethene	8.941	95	59150	22.619	ug/L	99
35) Methylcyclohexane	9.185	83	98771	21.623	ug/L	99
37) 1,2-Dichloropropane	9.216	63	68706	22.977	ug/L	100
38) Bromodichloromethane	9.502	83	83644	22.547	ug/L	97
39) cis-1,3-Dichloropropene	9.929	75	102308	22.644	ug/L	97
40) 4-Methyl-2-pentanone	10.069	43	108038	40.709	ug/L	99
42) Toluene	10.246	91	258571	22.618	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	93780	22.395	ug/L	98
45) 1,1,2-Trichloroethane	10.648	97	46526	21.936	ug/L	95
46) Tetrachloroethene	10.721	164	42379	21.099	ug/L	94
48) 2-Hexanone	10.831	43	72729	40.138	ug/L	99
49) Dibromochloromethane	10.983	129	52903	21.804	ug/L	97
50) 1,2-Dibromoethane	11.087	107	42483	21.370	ug/L	99
51) Chlorobenzene	11.514	112	177488	26.202	ug/L	98
52) Ethylbenzene	11.593	91	323196	25.747	ug/L	100
53) m,p-Xylene	11.703	106	121850	26.355	ug/L	95
54) o-Xylene	12.032	106	115861	26.472	ug/L	98
55) Styrene	12.044	104	204916	26.565	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.581	83	68003	24.130	ug/L	98
59) Bromoform	12.209	173	38283	25.788	ug/L	99
60) Isopropylbenzene	12.331	105	301842	27.258	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	50453	24.682	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	259945	29.217	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	262148	28.473	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	139851	27.487	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	136013	26.525	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	133924	29.017	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.355	75	10564	21.528	ug/L	94
69) 1,3,5-Trichlorobenzene	14.501	180	95736	25.643	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	77041	24.265	ug/L	100
71) Naphthalene	15.233	128	156225	23.001	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	64054	21.683	ug/L	99

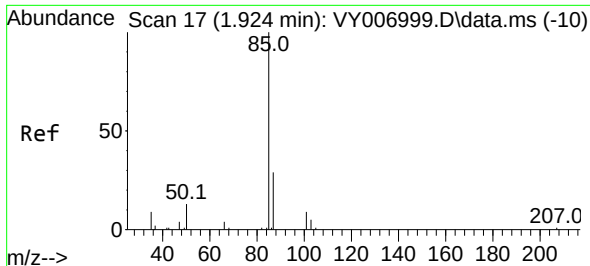
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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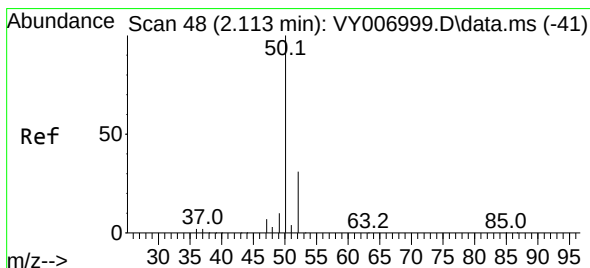
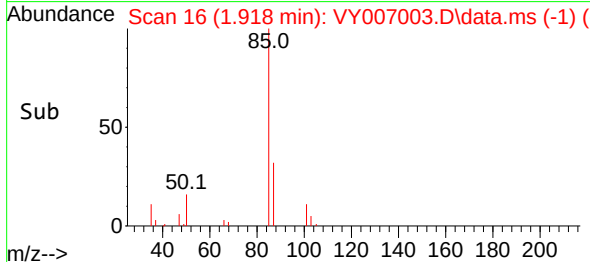
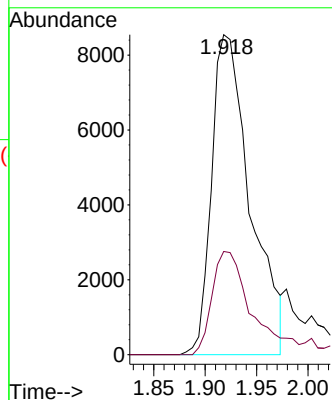
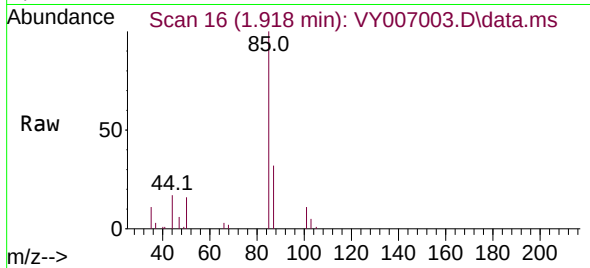




#2
 Dichlorodifluoromethane
 Concen: 24.951 ug/L
 RT: 1.918 min Scan# 16
 Delta R.T. -0.006 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

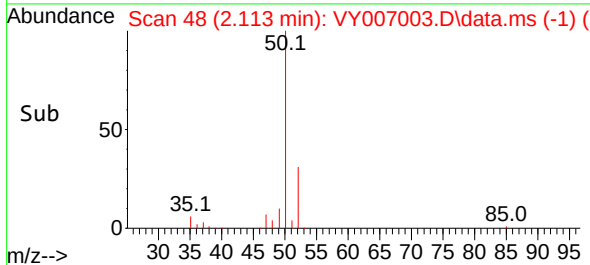
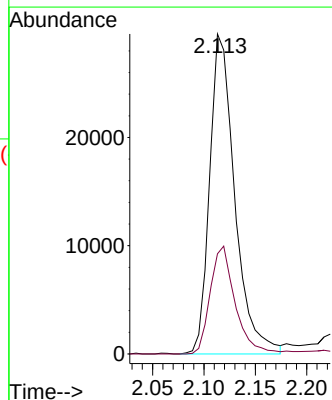
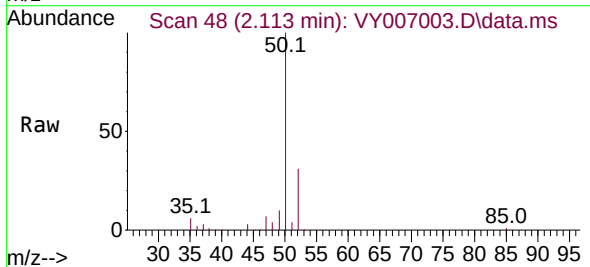
Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D0MS

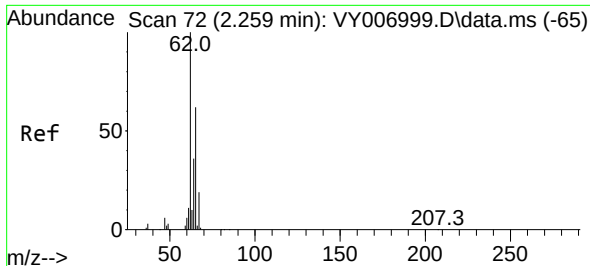
Tgt Ion: 85 Resp: 22356
 Ion Ratio Lower Upper
 85 100
 87 31.7 21.2 31.8



#3
 Chloromethane
 Concen: 22.581 ug/L
 RT: 2.113 min Scan# 48
 Delta R.T. -0.000 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

Tgt Ion: 50 Resp: 50271
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.0 41.0

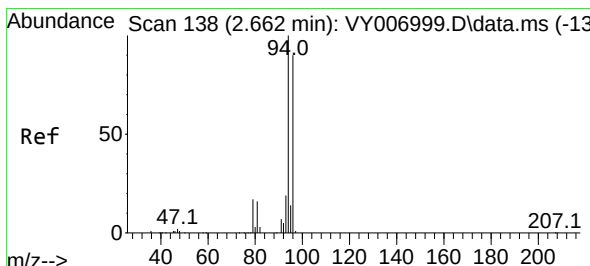
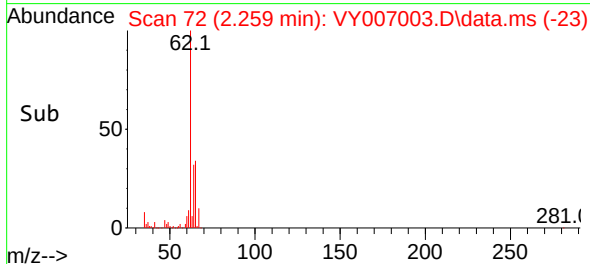
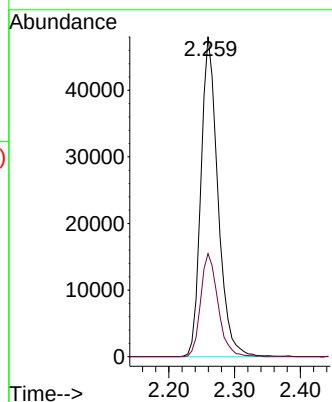
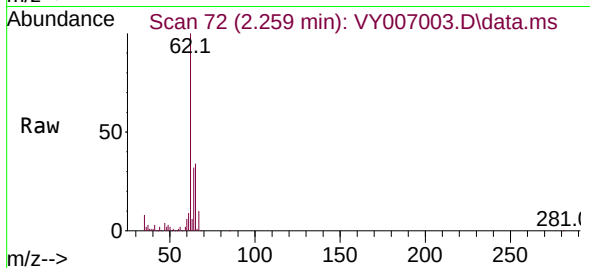




#5
 Vinyl chloride
 Concen: 24.262 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

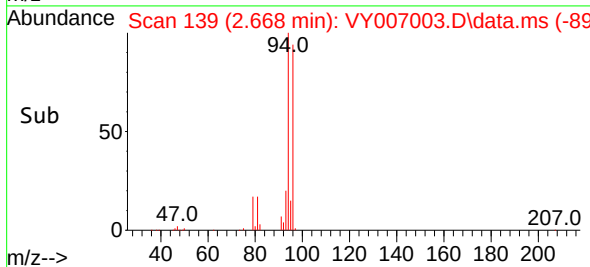
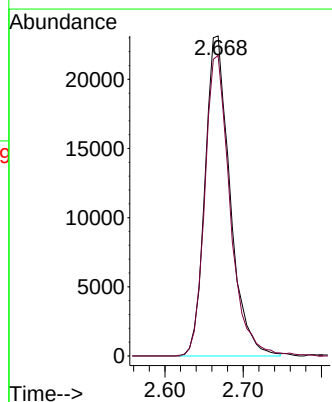
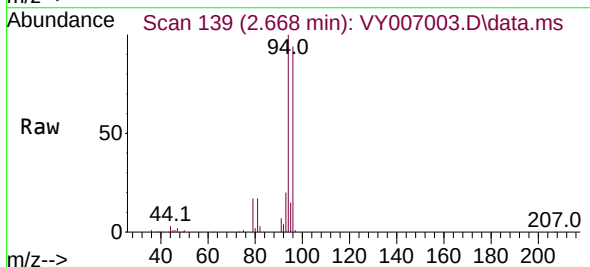
Instrument :
 MSVOA_Y
 ClientSampleId :
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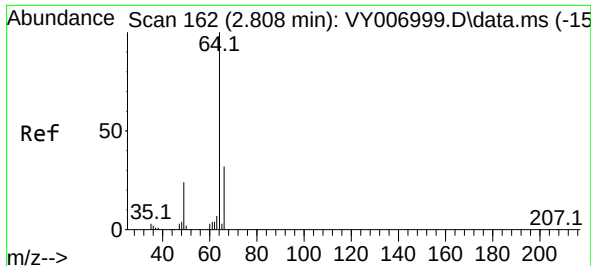
Tgt Ion: 62 Resp: 86296
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.8 44.2



#6
 Bromomethane
 Concen: 24.530 ug/L
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

Tgt Ion: 94 Resp: 51192
 Ion Ratio Lower Upper
 94 100
 96 93.9 68.0 126.4

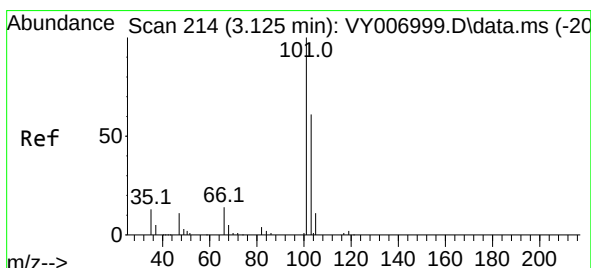
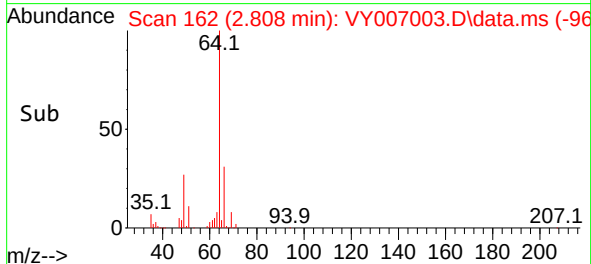
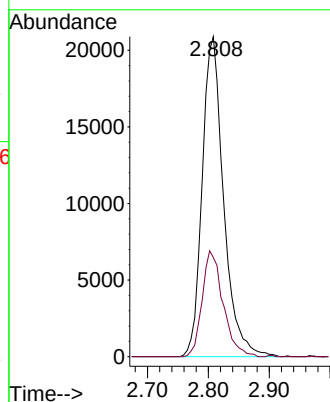
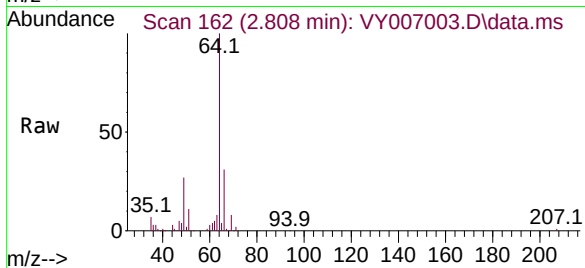




#8
Chloroethane
Concen: 24.666 ug/L
RT: 2.808 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

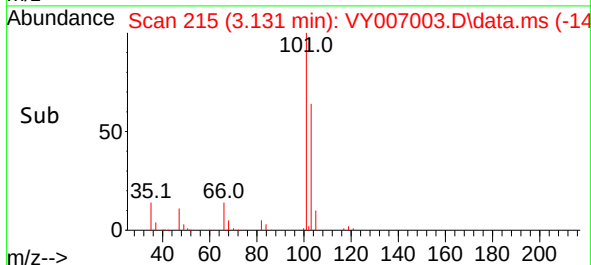
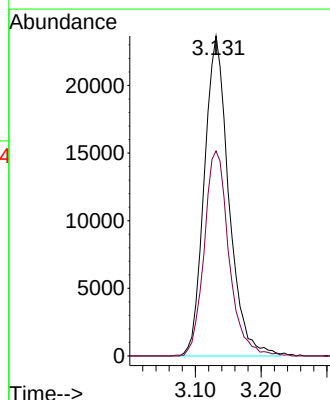
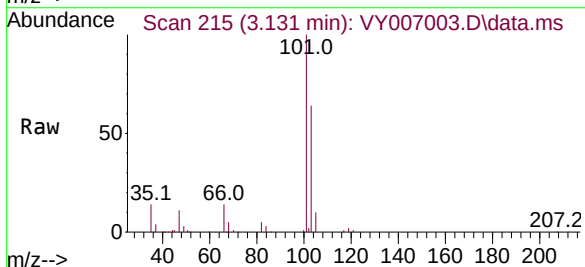
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

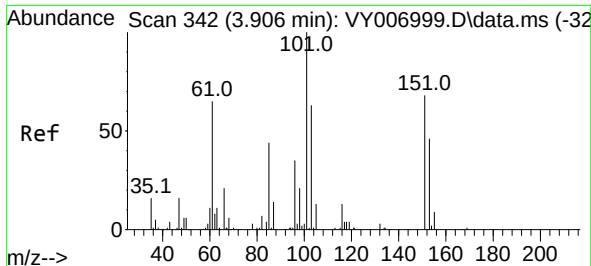
Tgt Ion: 64 Resp: 51003
Ion Ratio Lower Upper
64 100
66 31.0 21.8 40.4



#9
Trichlorofluoromethane
Concen: 27.130 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion:101 Resp: 61402
Ion Ratio Lower Upper
101 100
103 63.4 51.1 76.7

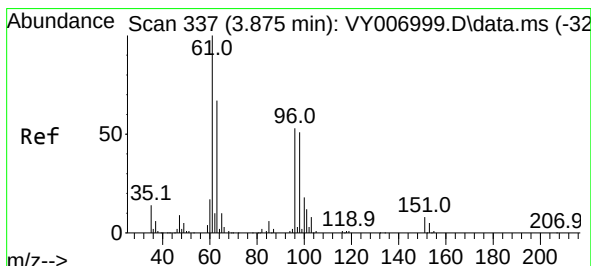
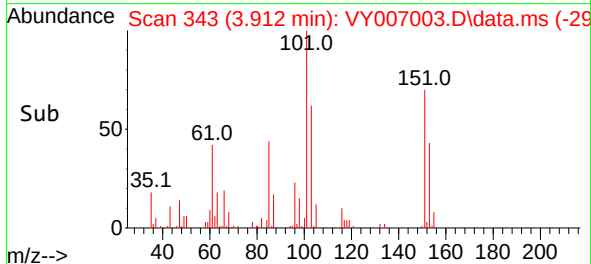
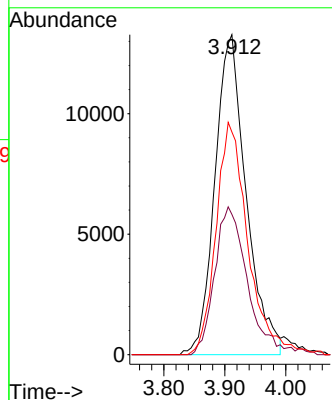
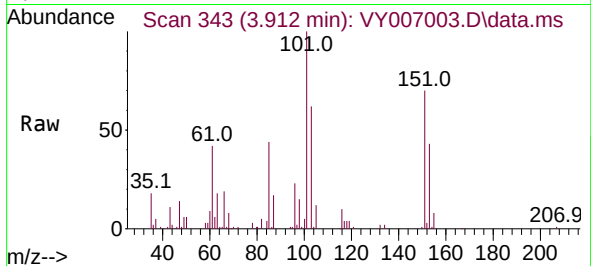




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.605 ug/L
 RT: 3.912 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

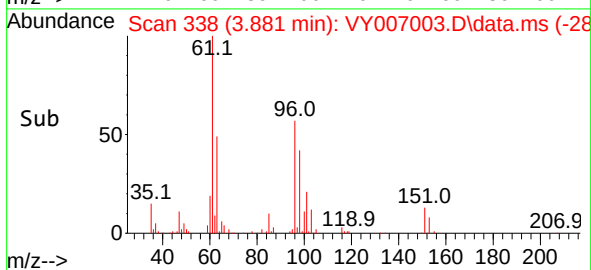
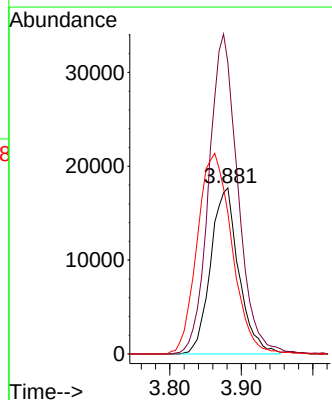
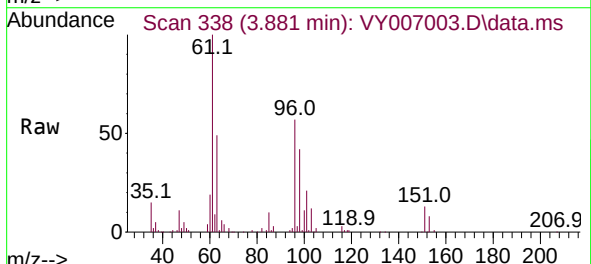
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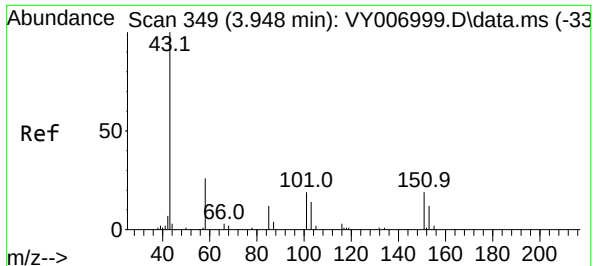
Tgt Ion:101 Resp: 47265
 Ion Ratio Lower Upper
 101 100
 85 46.3 34.6 52.0
 151 73.1 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 24.598 ug/L
 RT: 3.881 min Scan# 338
 Delta R.T. 0.006 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

Tgt Ion: 96 Resp: 48361
 Ion Ratio Lower Upper
 96 100
 61 175.2 142.0 263.8
 63 85.0 110.9 205.9#





#13

Acetone

Concen: 44.676 ug/L

RT: 3.948 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

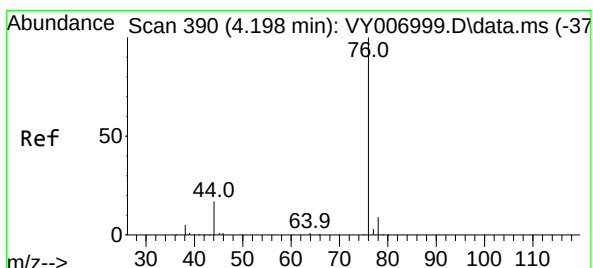
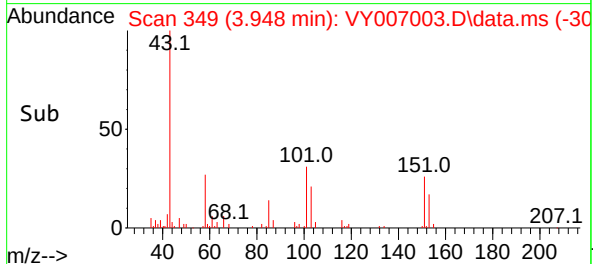
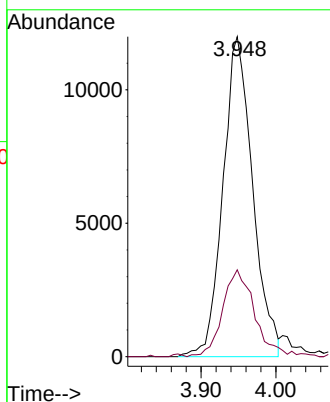
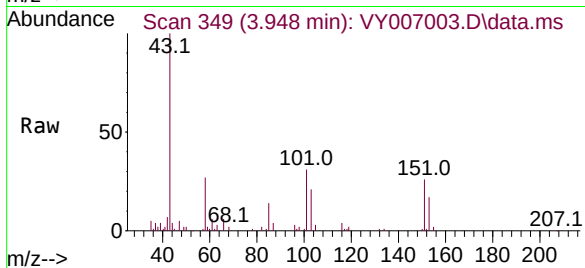
EX8D0MS

Tgt Ion: 43 Resp: 33133

Ion Ratio Lower Upper

43 100

58 28.6 0.0 56.4



#14

Carbon disulfide

Concen: 25.041 ug/L

RT: 4.198 min Scan# 390

Delta R.T. -0.000 min

Lab File: VY007003.D

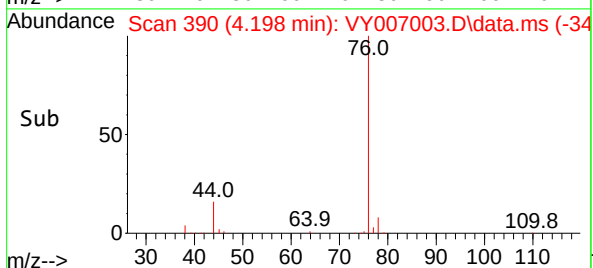
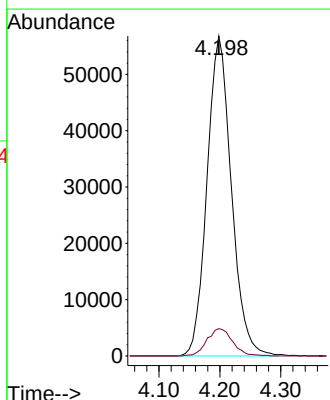
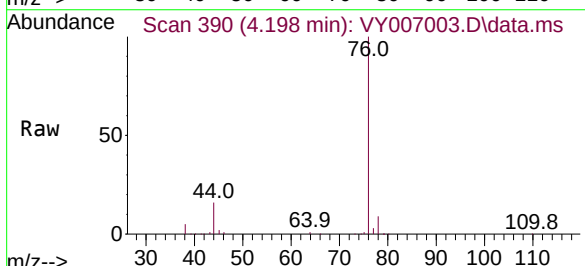
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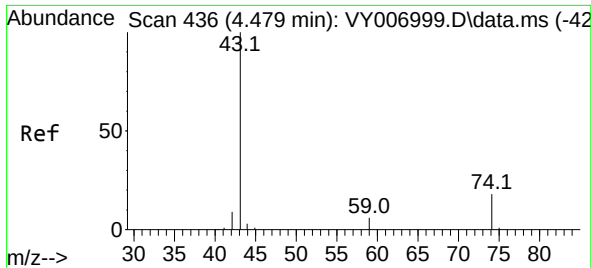
Tgt Ion: 76 Resp: 157827

Ion Ratio Lower Upper

76 100

78 8.6 7.8 11.8

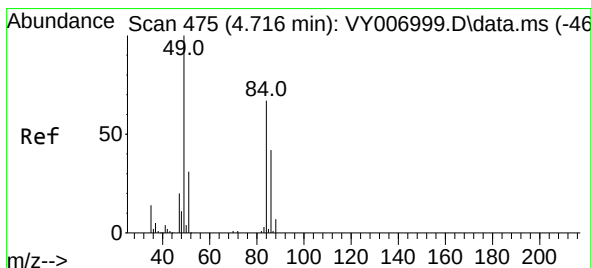
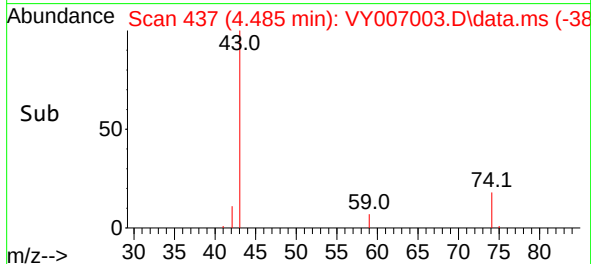
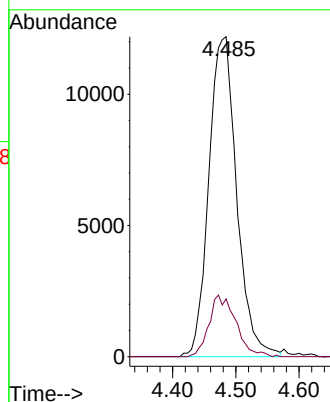
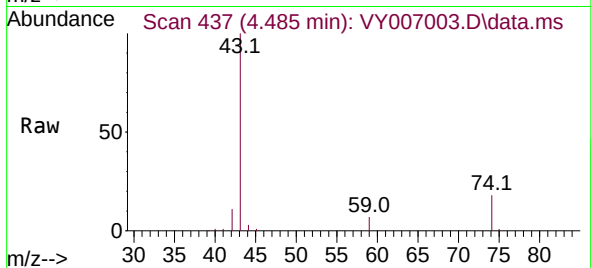




#15
Methyl Acetate
Concen: 24.058 ug/L
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

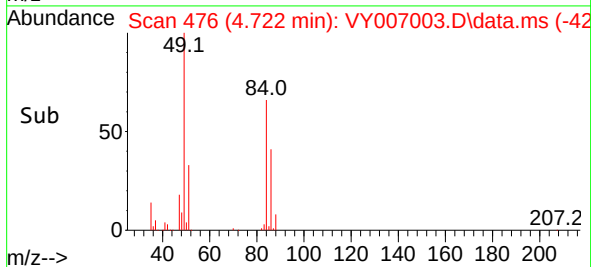
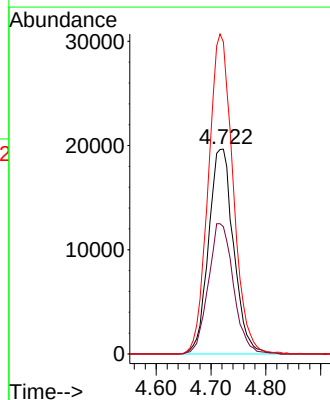
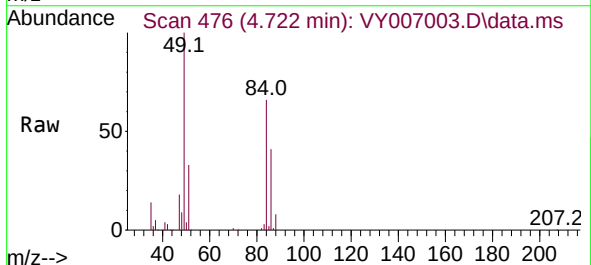
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

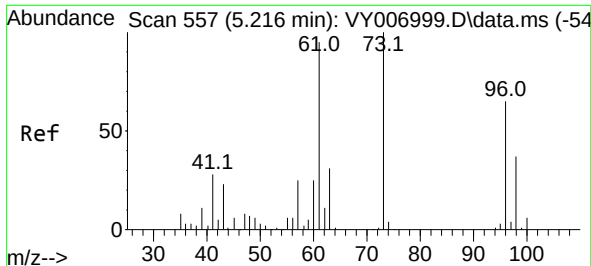
Tgt Ion: 43 Resp: 37296
Ion Ratio Lower Upper
43 100
74 18.2 5.6 8.4#



#16
Methylene chloride
Concen: 22.673 ug/L
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 84 Resp: 62269
Ion Ratio Lower Upper
84 100
86 62.1 43.0 79.8
49 152.3 105.3 195.6





#17

trans-1,2-Dichloroethene

Concen: 25.837 ug/L

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

EX8D0MS

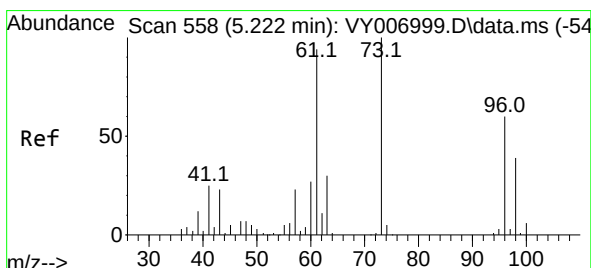
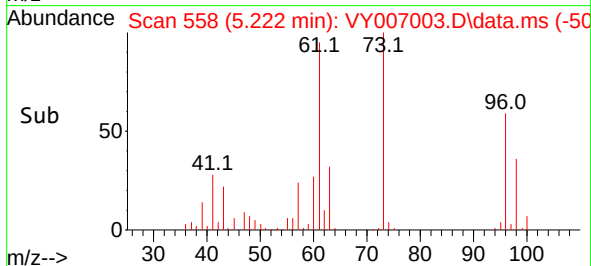
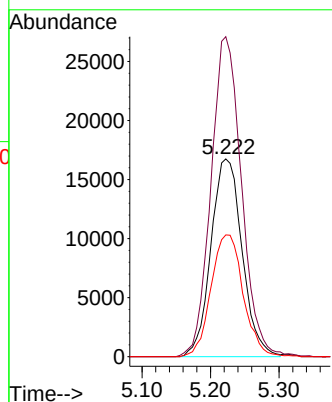
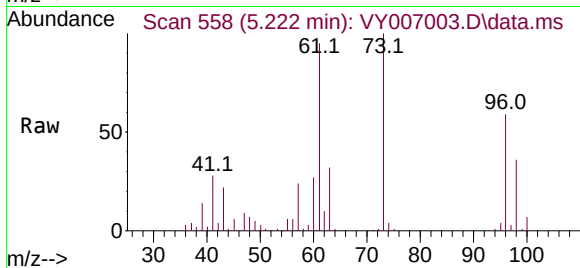
Tgt Ion: 96 Resp: 52866

Ion Ratio Lower Upper

96 100

61 161.8 106.5 197.9

98 61.6 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 26.376 ug/L

RT: 5.222 min Scan# 558

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

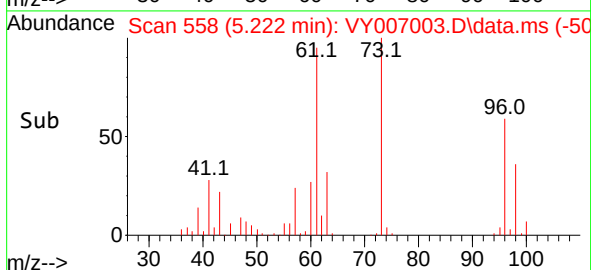
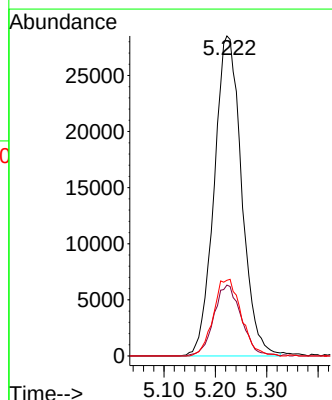
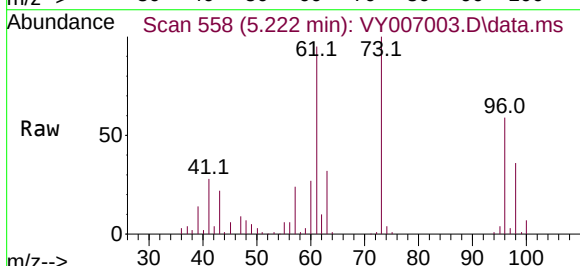
Tgt Ion: 73 Resp: 105631

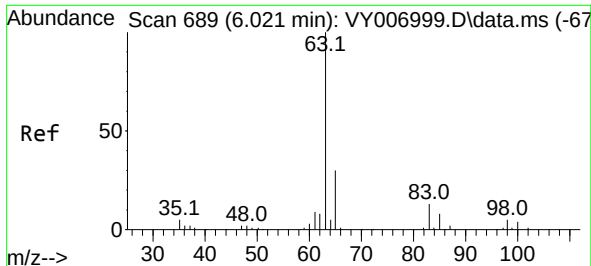
Ion Ratio Lower Upper

73 100

43 22.2 17.7 26.5

57 10.5 19.4 29.2#

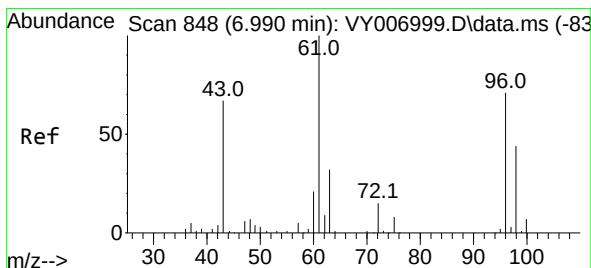
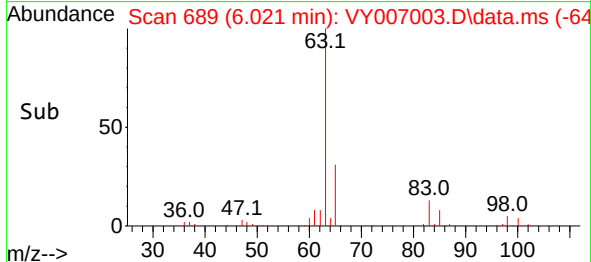
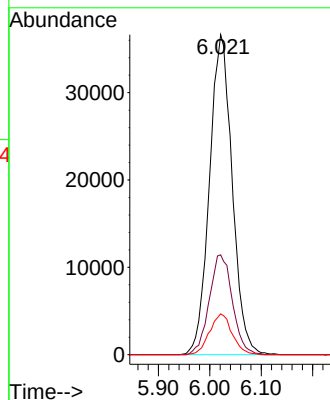
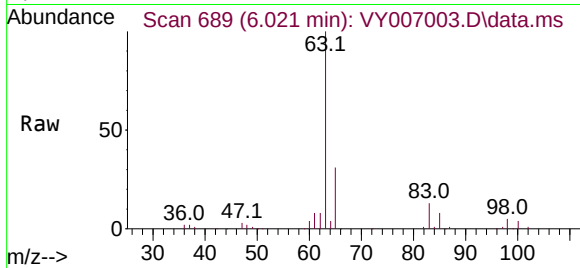




#19
1,1-Dichloroethane
Concen: 26.048 ug/L
RT: 6.021 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

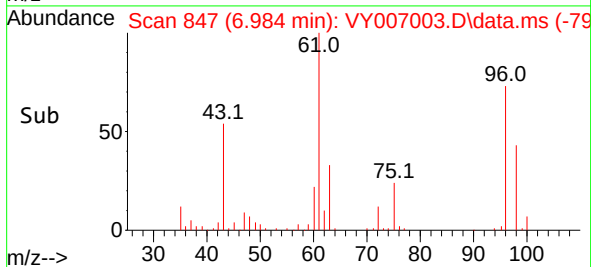
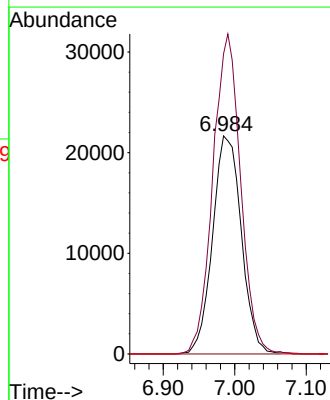
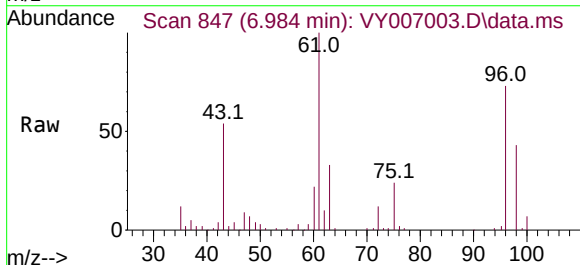
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

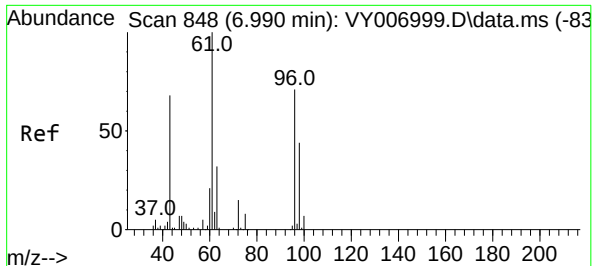
Tgt Ion: 63 Resp: 112471
Ion Ratio Lower Upper
63 100
65 31.2 22.7 42.1
83 12.7 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 26.782 ug/L
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 96 Resp: 60429
Ion Ratio Lower Upper
96 100
61 137.7 100.2 186.0
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 45.444 ug/L

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

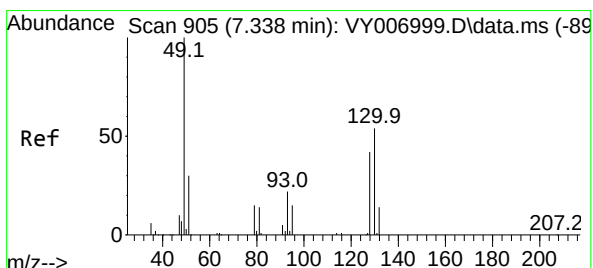
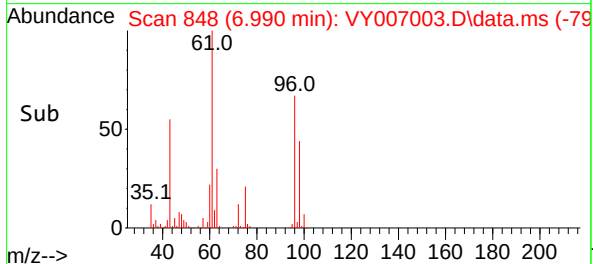
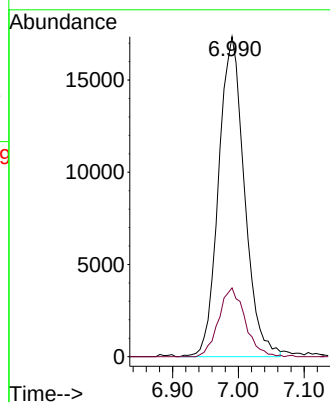
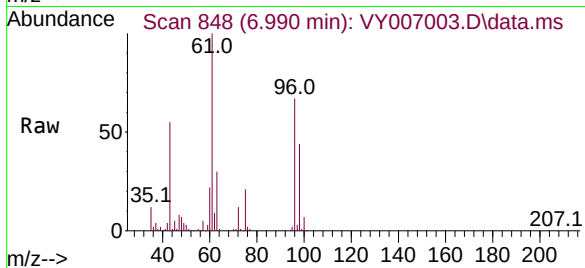
EX8D0MS

Tgt Ion: 43 Resp: 47451

Ion Ratio Lower Upper

43 100

72 21.9 11.4 34.2



#23

Bromochloromethane

Concen: 26.341 ug/L

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Tgt Ion: 128 Resp: 25998

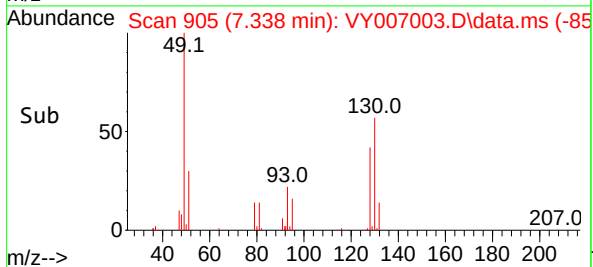
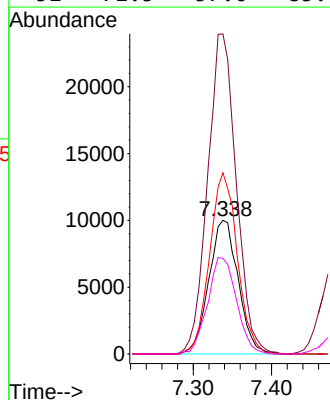
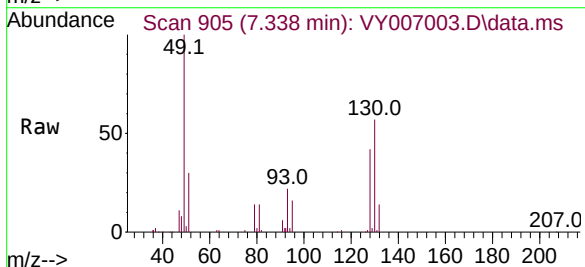
Ion Ratio Lower Upper

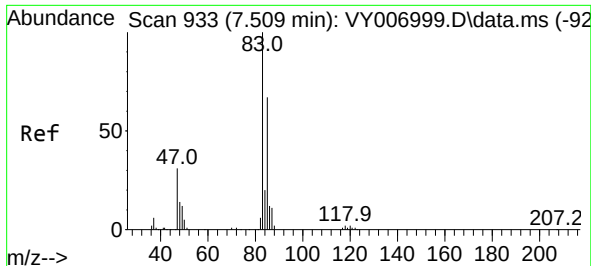
128 100

49 239.6 150.1 278.7

130 135.6 81.1 150.5

51 71.5 57.0 85.6

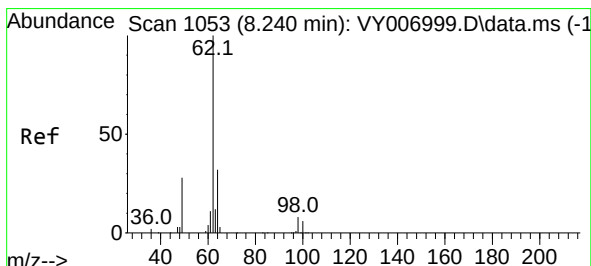
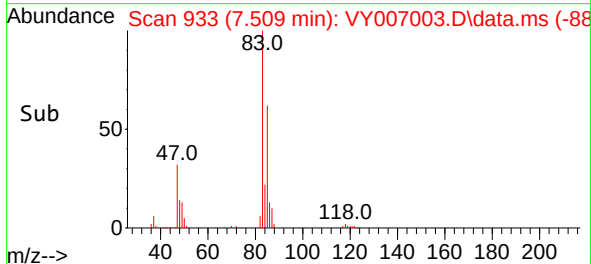
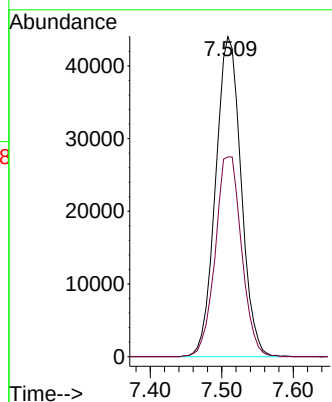
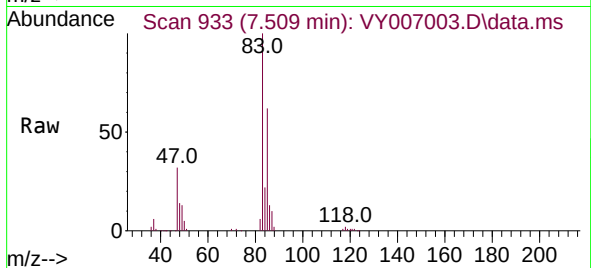




#25
Chloroform
Concen: 26.291 ug/L
RT: 7.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

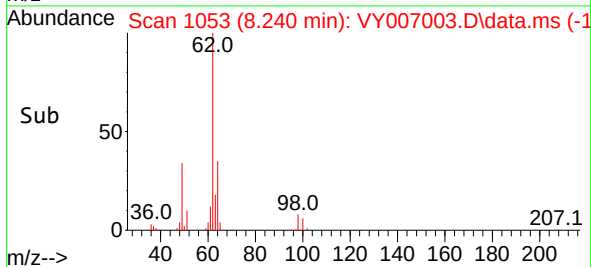
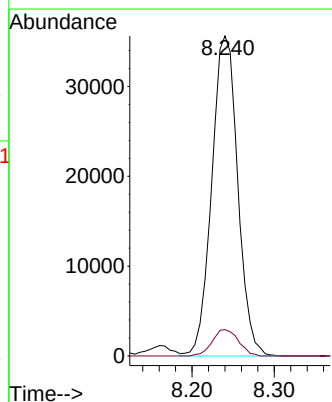
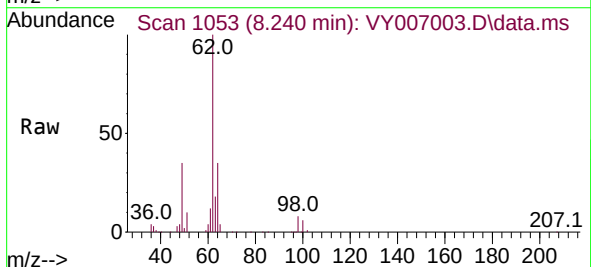
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

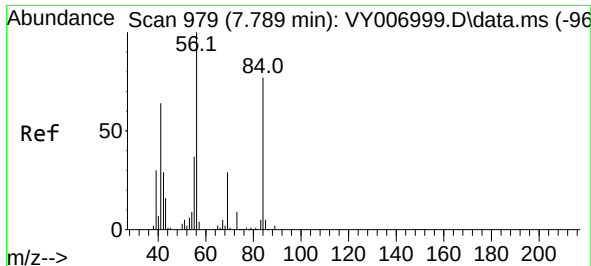
Tgt Ion: 83 Resp: 108977
Ion Ratio Lower Upper
83 100
85 62.5 43.9 81.5



#27
1,2-Dichloroethane
Concen: 26.470 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 62 Resp: 78245
Ion Ratio Lower Upper
62 100
98 8.3 6.6 9.8

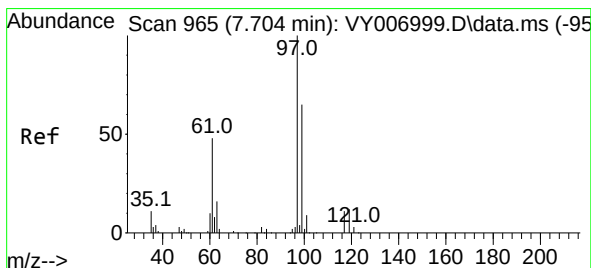
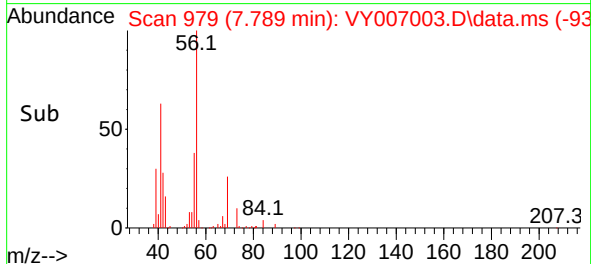
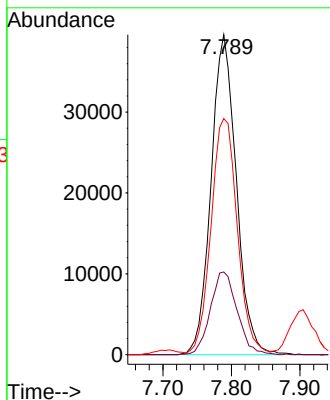
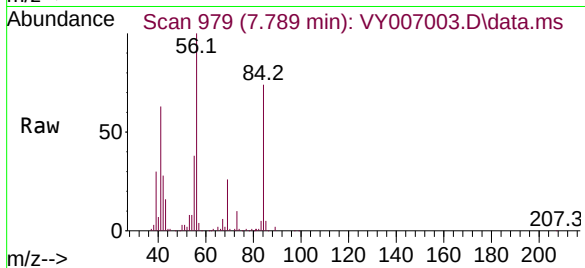




#29
Cyclohexane
Concen: 22.253 ug/L
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

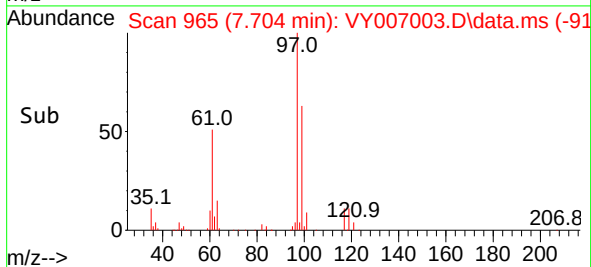
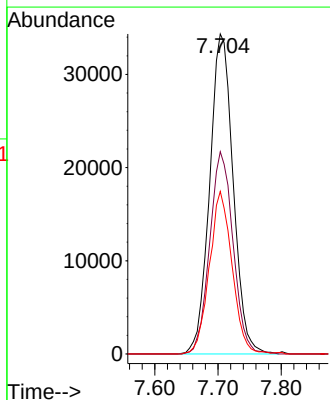
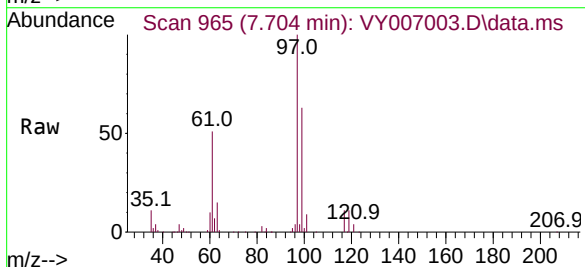
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

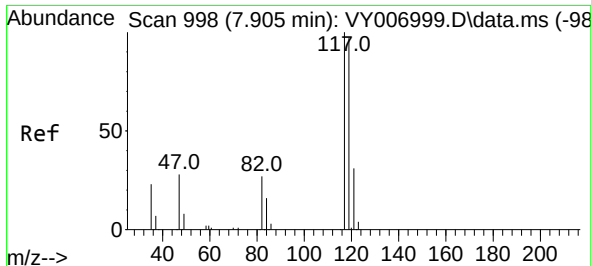
Tgt Ion: 56 Resp: 101234
Ion Ratio Lower Upper
56 100
69 27.3 22.0 33.0
84 77.1 61.7 92.5



#30
1,1,1-Trichloroethane
Concen: 22.188 ug/L
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 97 Resp: 88657
Ion Ratio Lower Upper
97 100
99 63.0 50.7 76.1
61 49.0 38.5 57.7

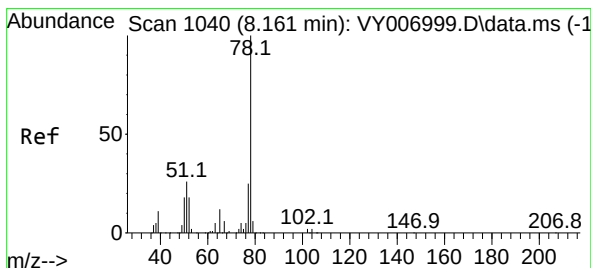
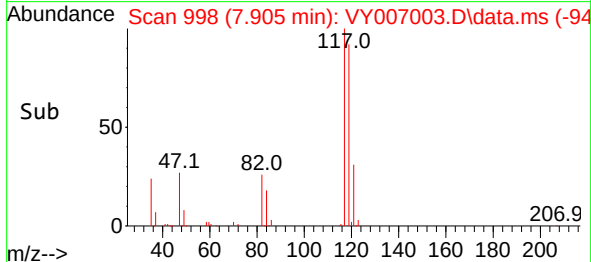
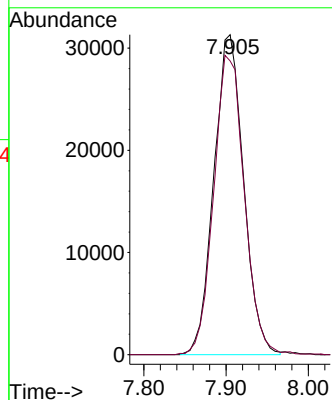
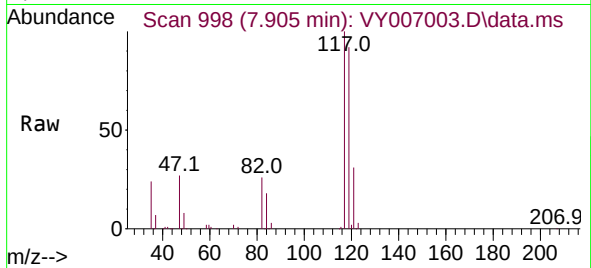




#31
Carbon tetrachloride
Concen: 21.665 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

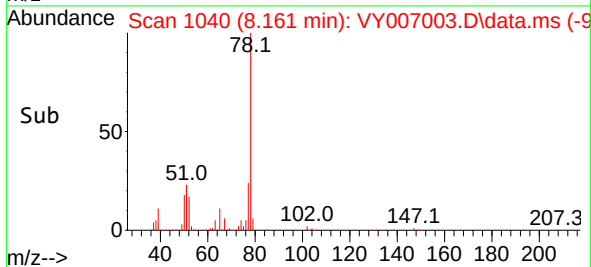
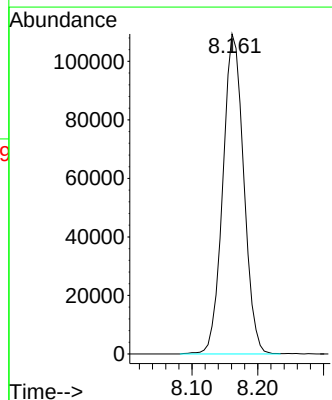
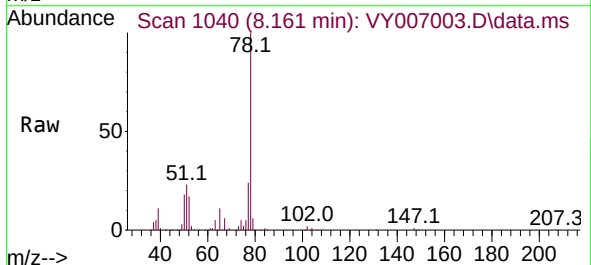
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

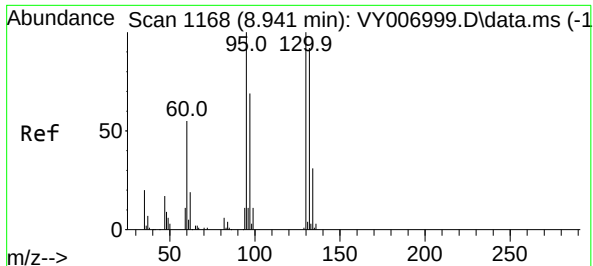
Tgt Ion:117 Resp: 78746
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6



#33
Benzene
Concen: 22.332 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 78 Resp: 241723



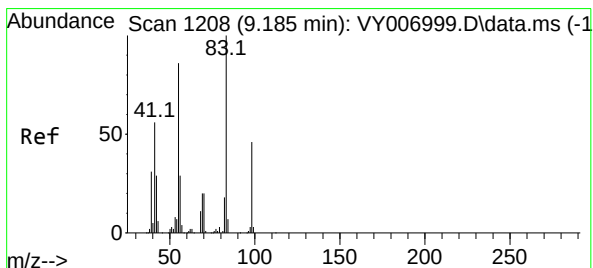
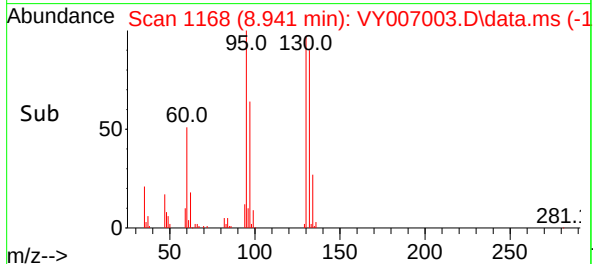
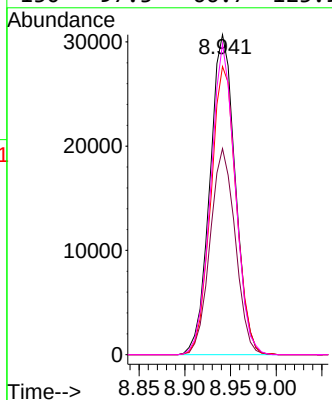
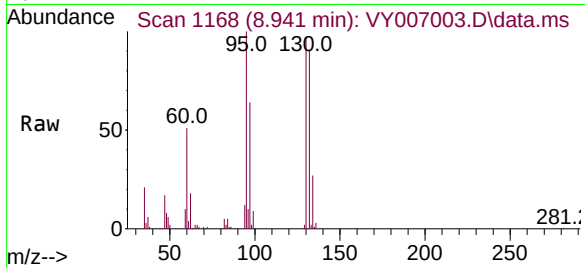


#34
Trichloroethene
Concen: 22.619 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

Tgt Ion: 95 Resp: 59150

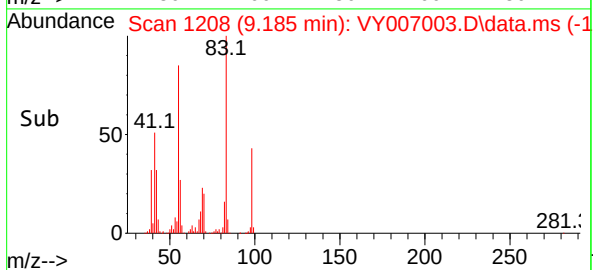
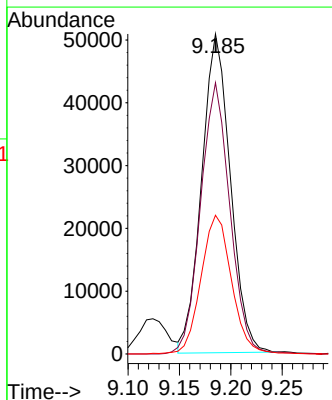
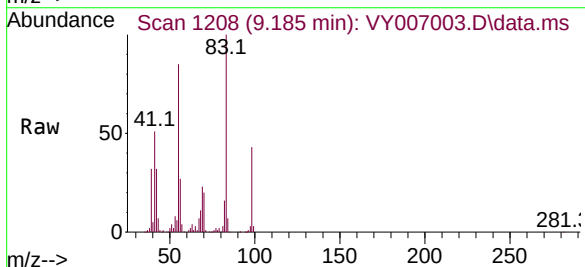
Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.4	86.2
132	90.0	63.0	117.0
130	97.3	66.7	123.9

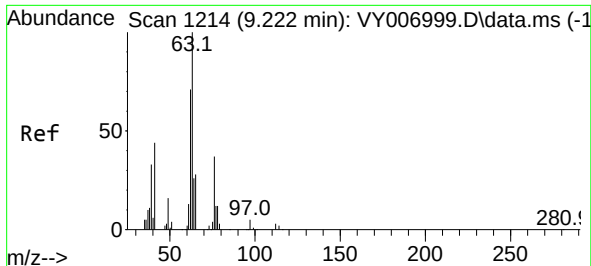


#35
Methylcyclohexane
Concen: 21.623 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 83 Resp: 98771

Ion	Ratio	Lower	Upper
83	100		
55	86.4	68.9	103.3
98	46.4	37.8	56.8





#37

1,2-Dichloropropane

Concen: 22.977 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

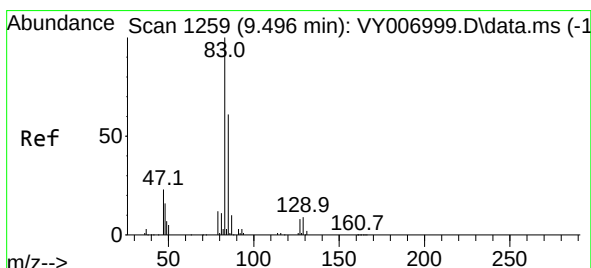
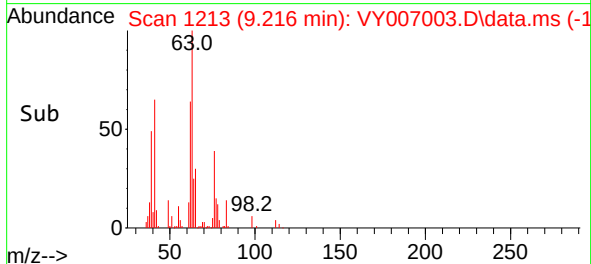
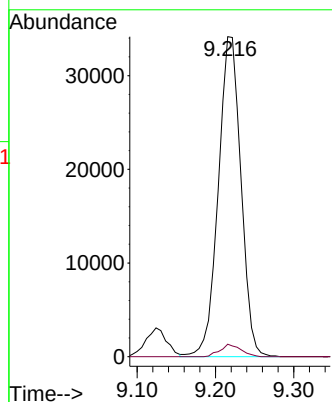
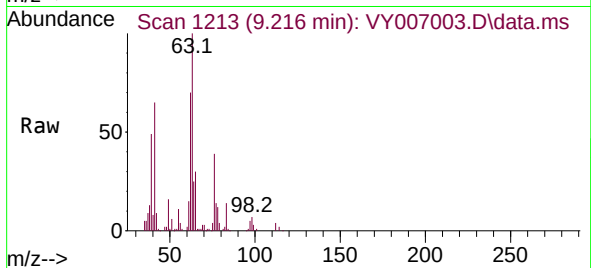
EX8D0MS

Tgt Ion: 63 Resp: 68706

Ion Ratio Lower Upper

63 100

112 3.6 2.8 4.2



#38

Bromodichloromethane

Concen: 22.547 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

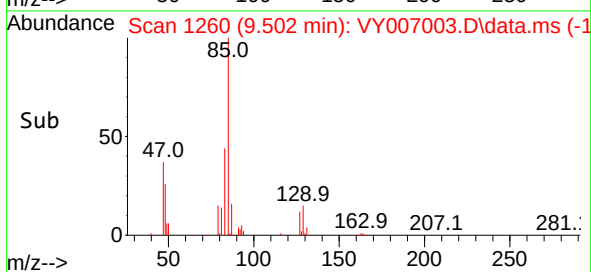
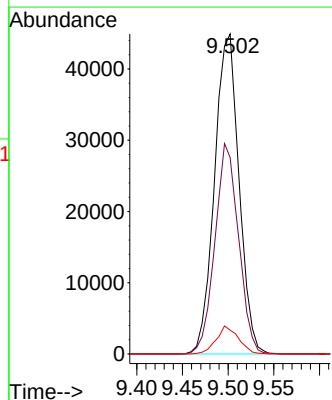
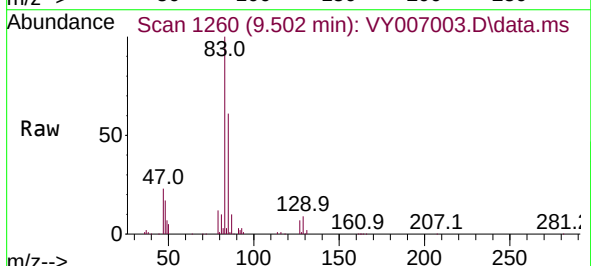
Tgt Ion: 83 Resp: 83644

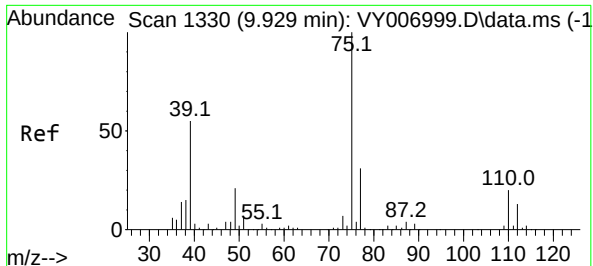
Ion Ratio Lower Upper

83 100

85 61.4 44.7 82.9

127 7.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 22.644 ug/L

RT: 9.929 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

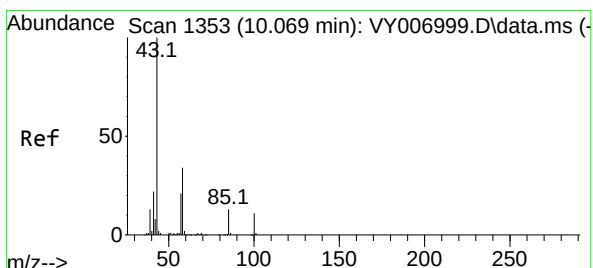
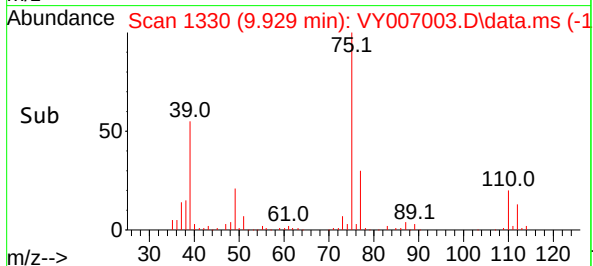
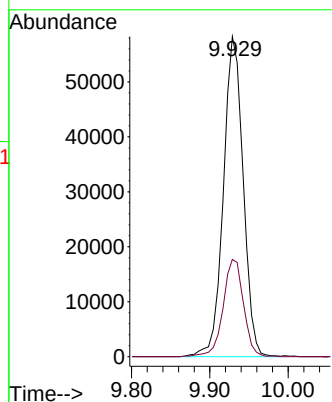
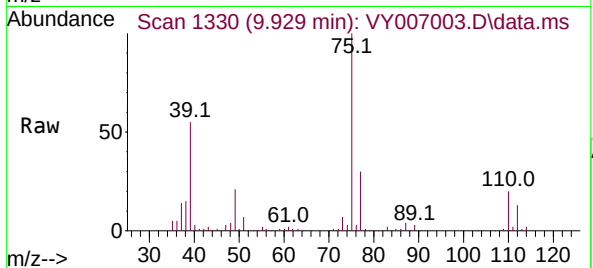
EX8D0MS

Tgt Ion: 75 Resp: 102308

Ion Ratio Lower Upper

75 100

77 30.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 40.709 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

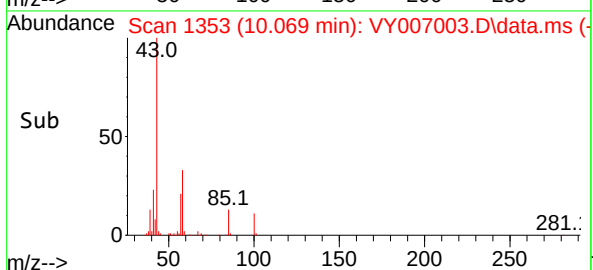
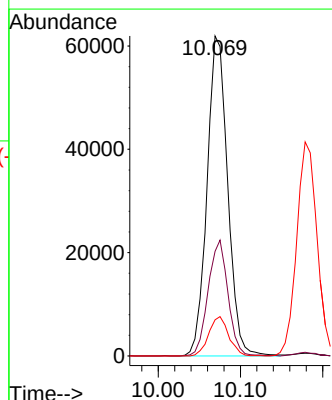
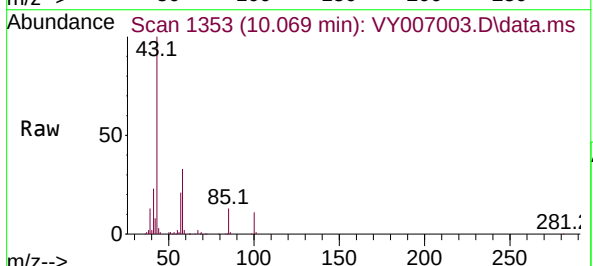
Tgt Ion: 43 Resp: 108038

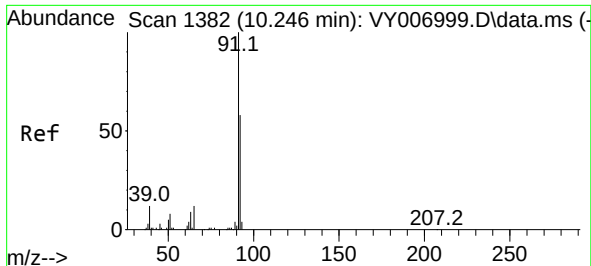
Ion Ratio Lower Upper

43 100

58 34.8 28.6 42.8

100 11.9 9.2 13.8

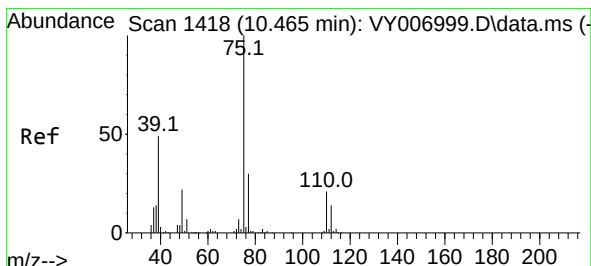
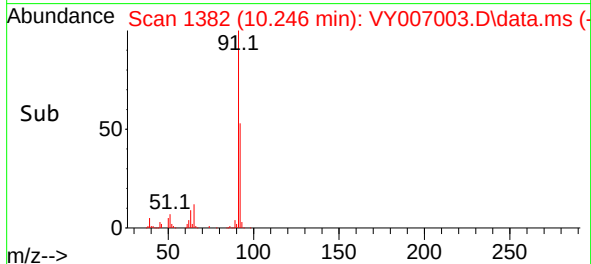
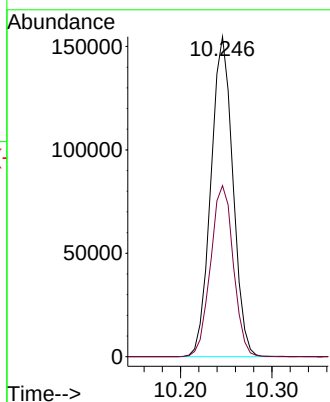
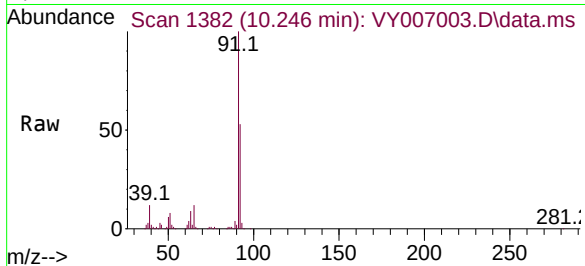




#42
Toluene
Concen: 22.618 ug/L
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

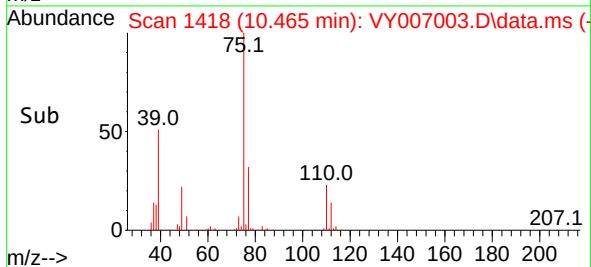
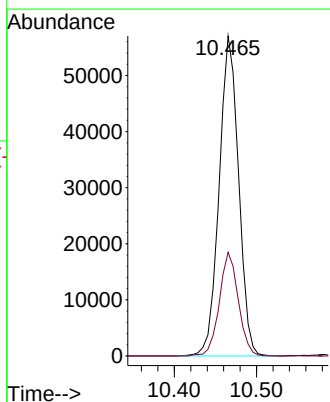
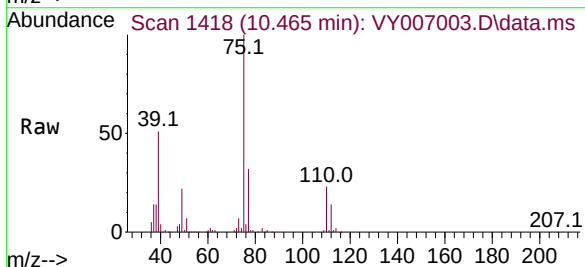
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

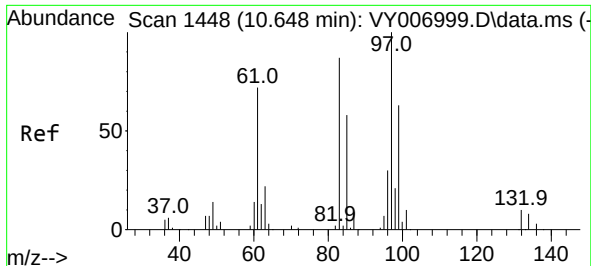
Tgt Ion: 91 Resp: 258571
Ion Ratio Lower Upper
91 100
92 53.5 38.2 71.0



#44
trans-1,3-Dichloropropene
Concen: 22.395 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 75 Resp: 93780
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.6



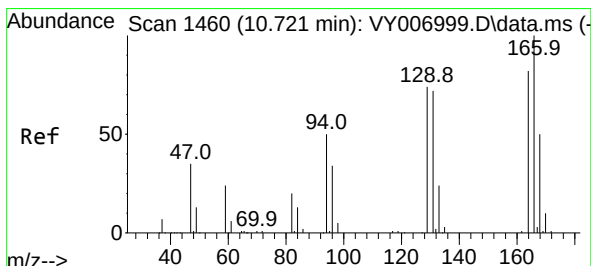
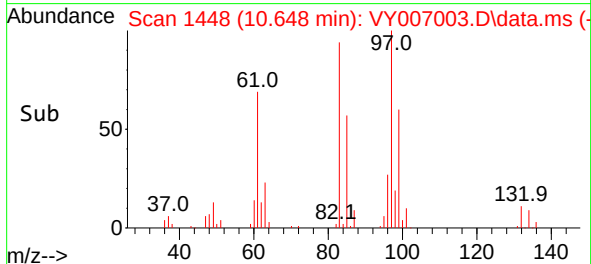
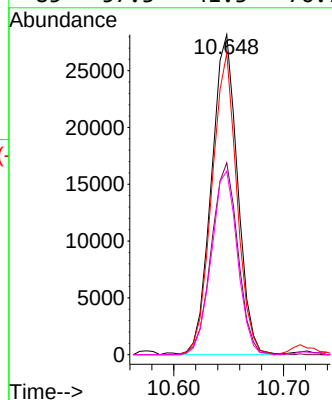
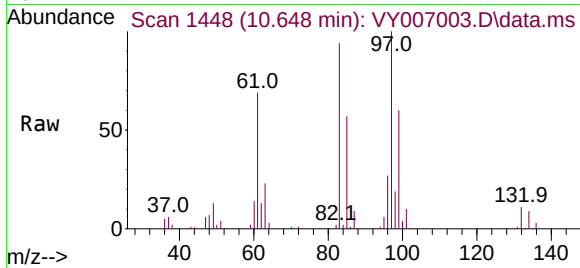


#45
1,1,2-Trichloroethane
Concen: 21.936 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

Tgt Ion: 97 Resp: 46526

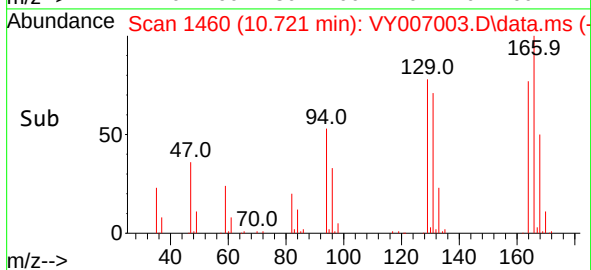
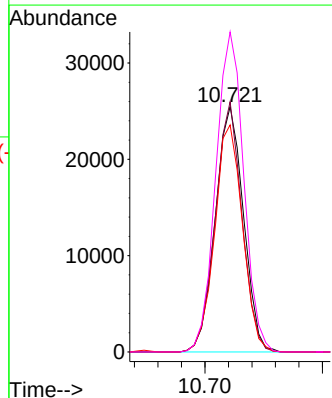
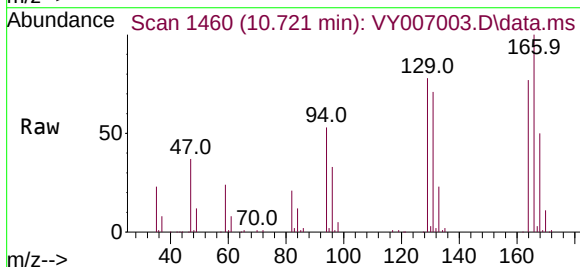
Ion	Ratio	Lower	Upper
97	100		
99	59.9	43.4	80.6
83	94.2	59.8	111.1
85	57.3	41.3	76.7

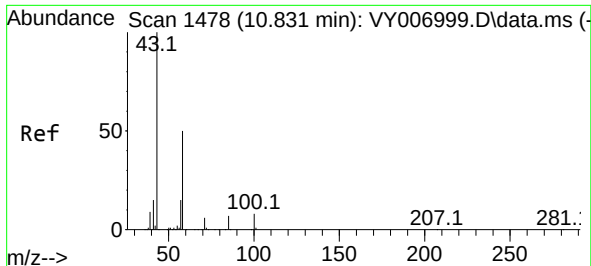


#46
Tetrachloroethene
Concen: 21.099 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 164 Resp: 42379

Ion	Ratio	Lower	Upper
164	100		
129	102.0	64.0	118.8
131	92.5	60.5	112.5
166	130.4	89.2	165.8



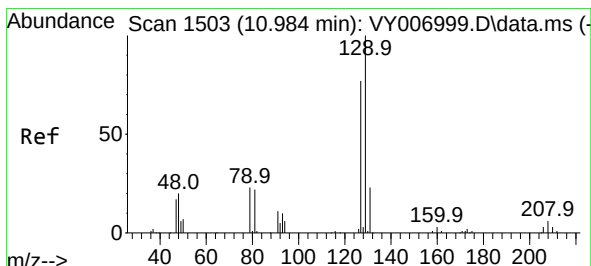
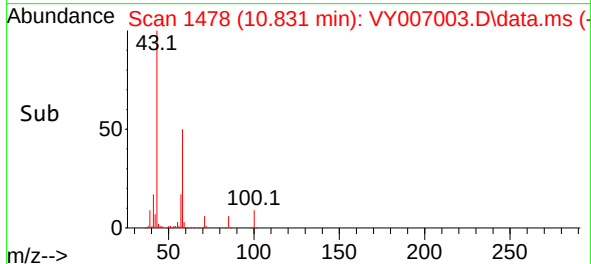
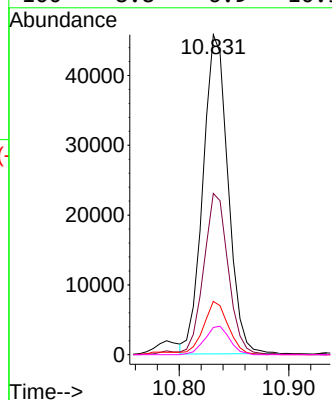
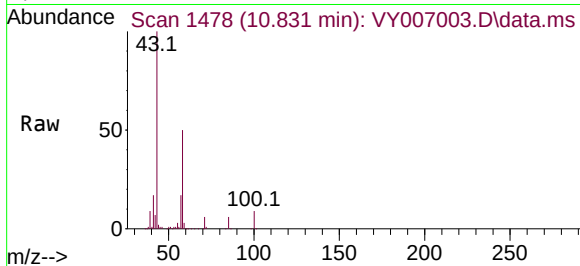


#48
2-Hexanone
Concen: 40.138 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

Tgt Ion: 43 Resp: 72729

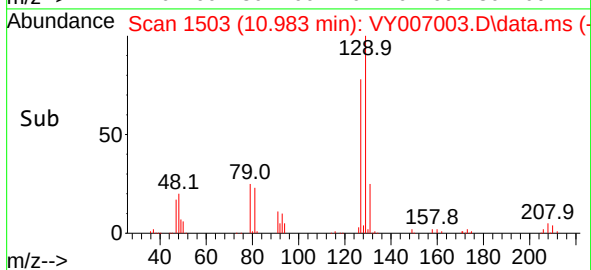
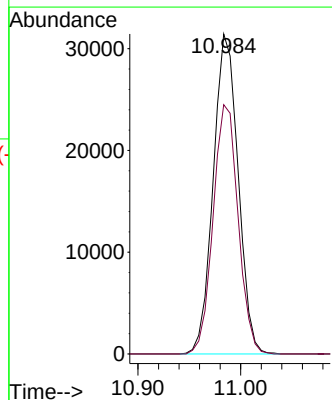
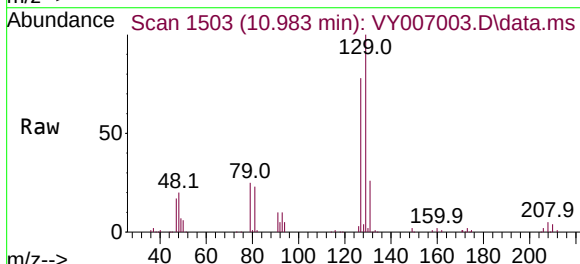
Ion	Ratio	Lower	Upper
43	100		
58	49.6	40.1	60.1
57	16.5	13.0	19.6
100	8.8	6.9	10.3

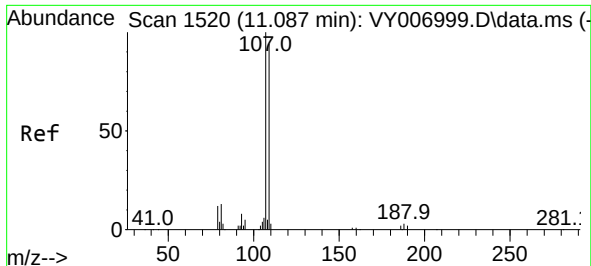


#49
Dibromochloromethane
Concen: 21.804 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 129 Resp: 52903

Ion	Ratio	Lower	Upper
129	100		
127	77.9	52.8	98.2

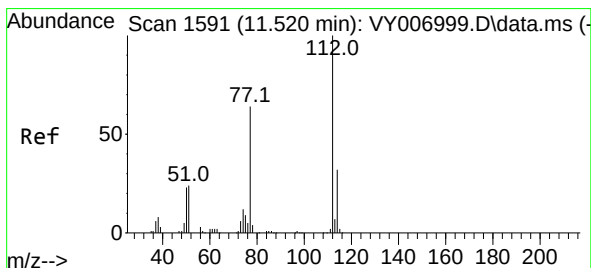
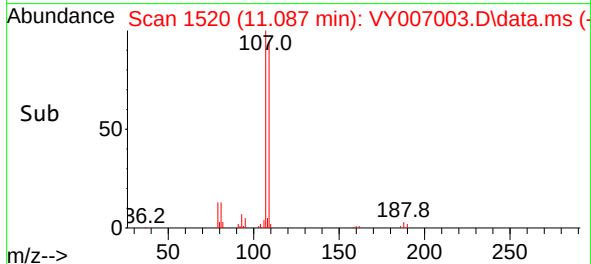
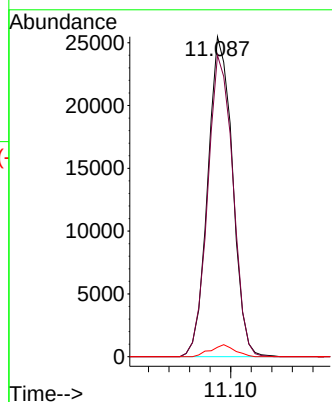
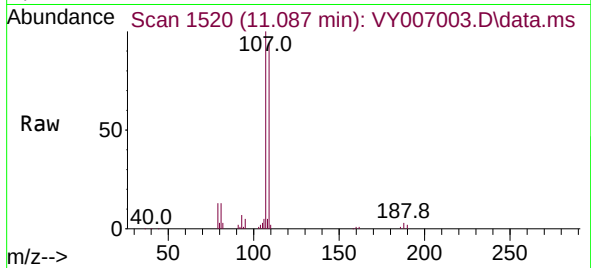




#50
1,2-Dibromoethane
Concen: 21.370 ug/L
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

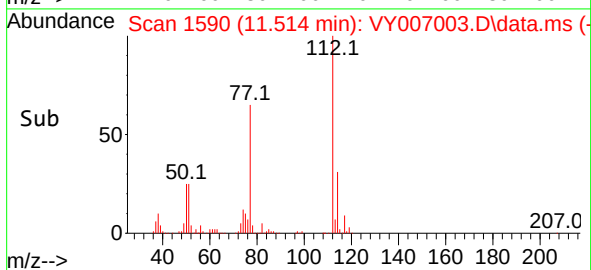
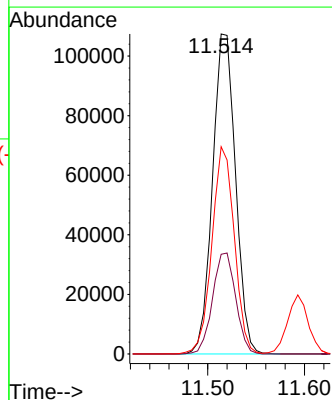
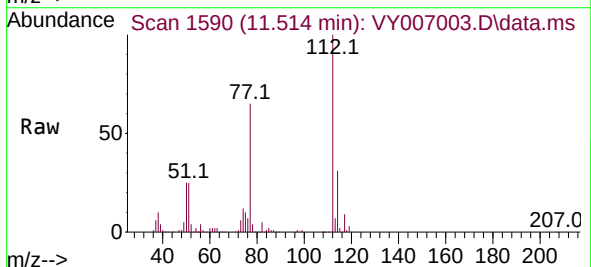
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

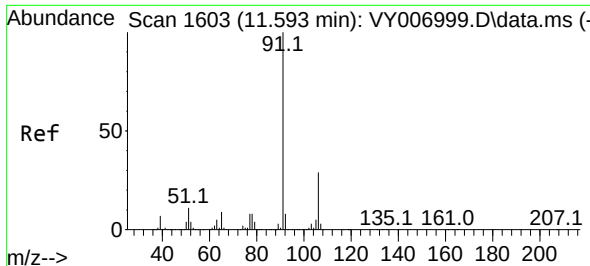
Tgt Ion:107 Resp: 42483
Ion Ratio Lower Upper
107 100
109 94.2 65.5 121.7
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 26.202 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion:112 Resp: 177488
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.3
77 64.7 49.8 74.8

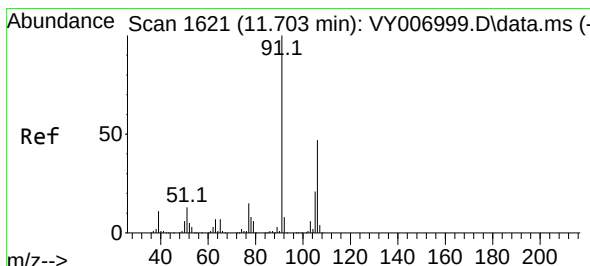
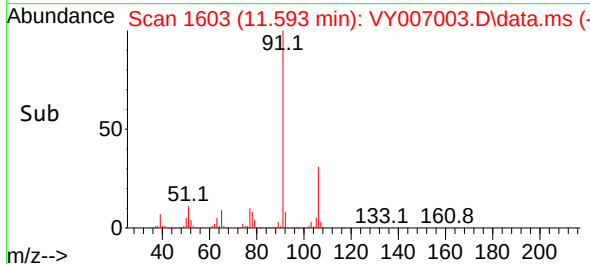
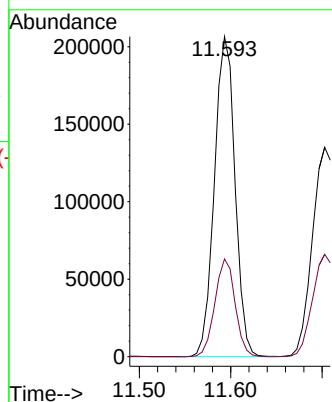
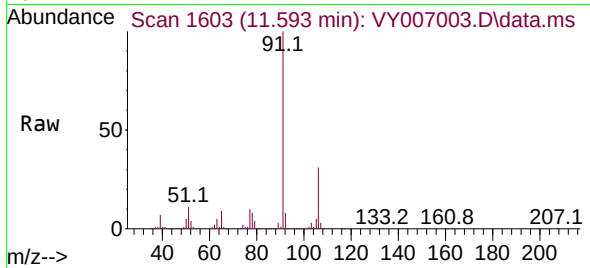




#52
Ethylbenzene
Concen: 25.747 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

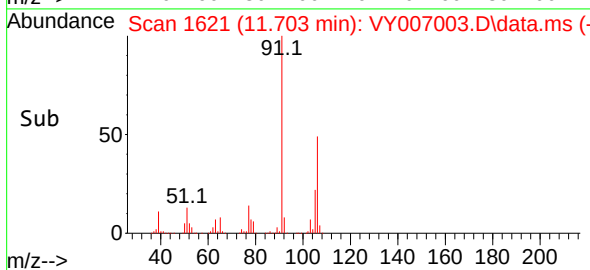
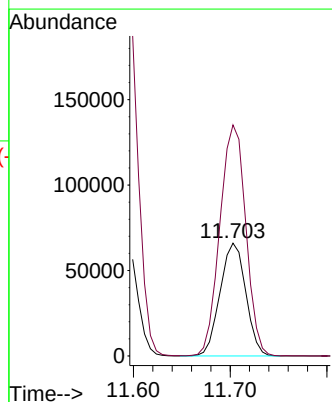
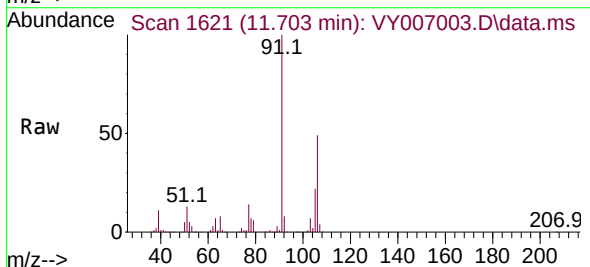
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

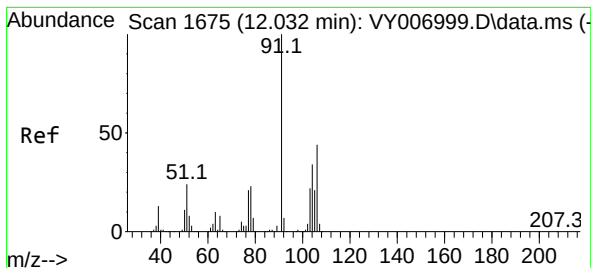
Tgt Ion: 91 Resp: 323196
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 26.355 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 106 Resp: 121850
Ion Ratio Lower Upper
106 100
91 204.7 148.8 276.4





#54

o-Xylene

Concen: 26.472 ug/L

RT: 12.032 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

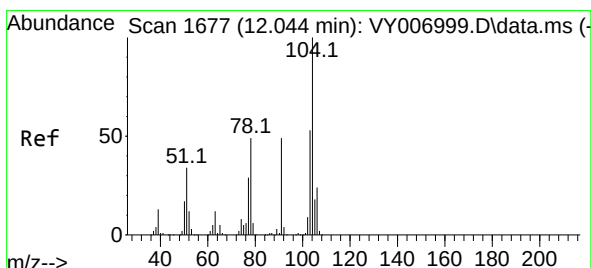
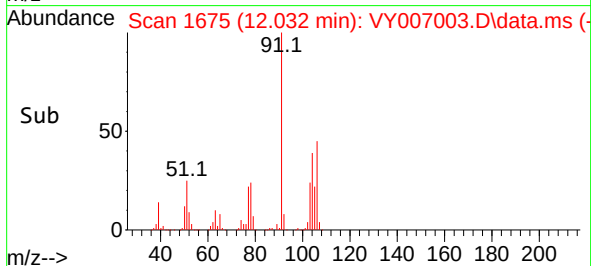
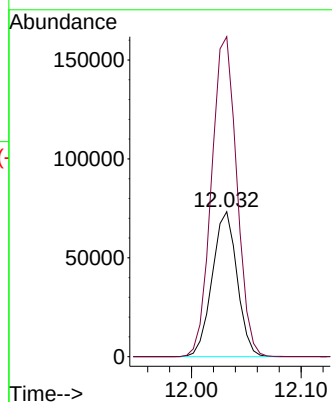
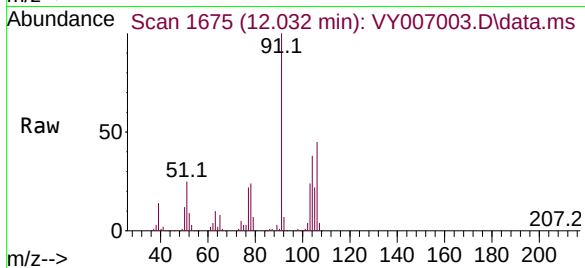
EX8D0MS

Tgt Ion:106 Resp: 115861

Ion Ratio Lower Upper

106 100

91 220.6 152.0 282.2



#55

Styrene

Concen: 26.565 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY007003.D

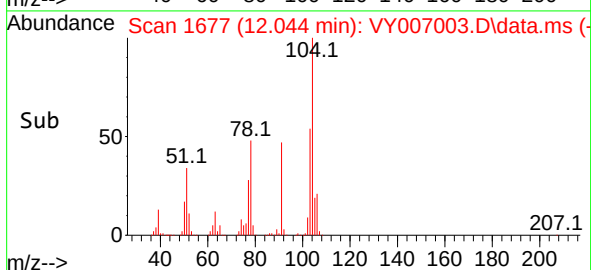
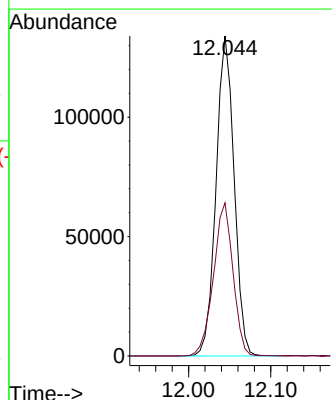
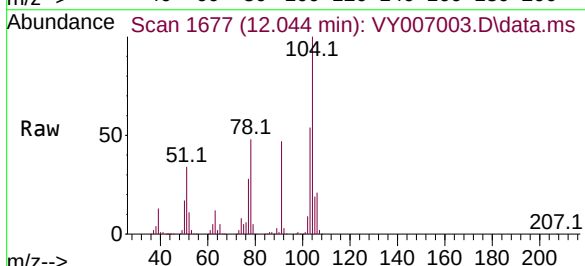
Acq: 07 Dec 2021 18:00

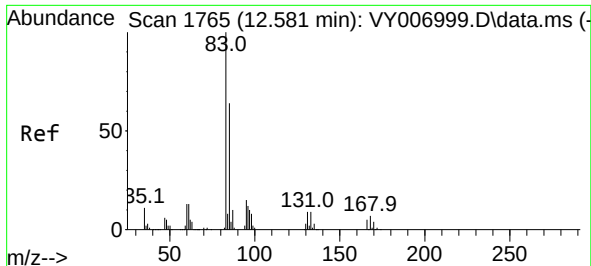
Tgt Ion:104 Resp: 204916

Ion Ratio Lower Upper

104 100

78 47.9 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.130 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

EX8D0MS

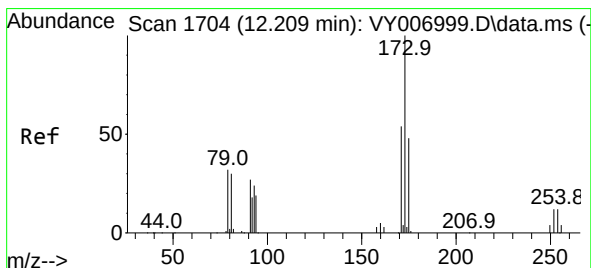
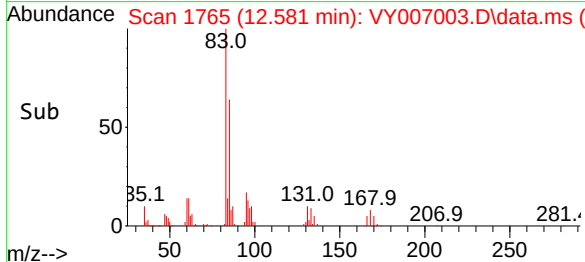
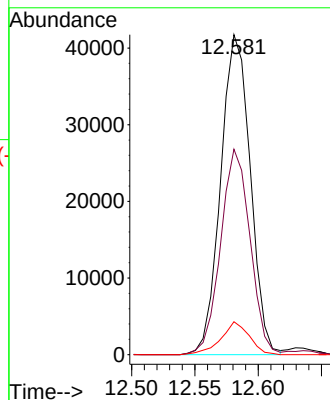
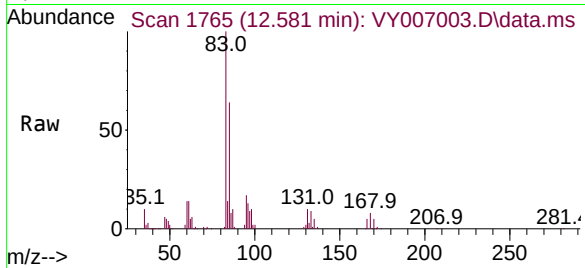
Tgt Ion: 83 Resp: 68003

Ion Ratio Lower Upper

83 100

85 64.2 44.2 82.2

131 10.3 7.4 11.0



#59

Bromoform

Concen: 25.788 ug/L

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

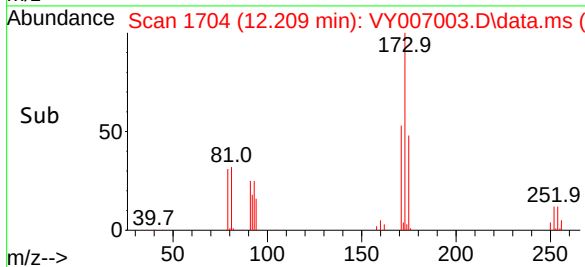
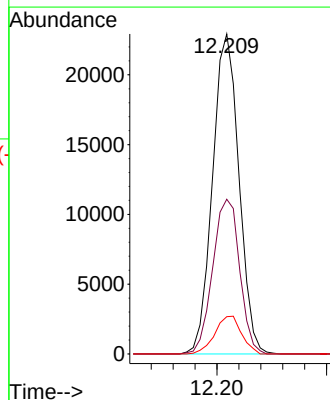
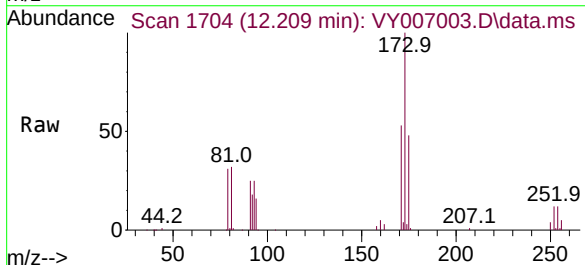
Tgt Ion: 173 Resp: 38283

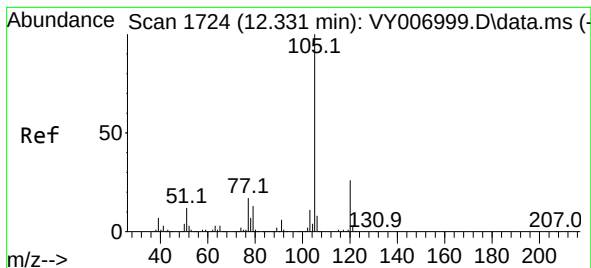
Ion Ratio Lower Upper

173 100

175 49.4 39.2 58.8

254 12.0 9.3 13.9





#60

Isopropylbenzene

Concen: 27.258 ug/L

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

EX8D0MS

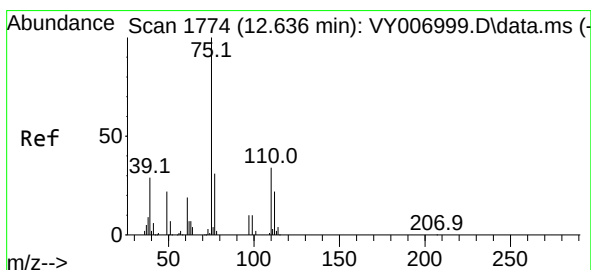
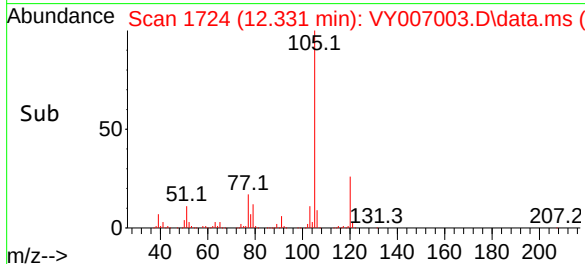
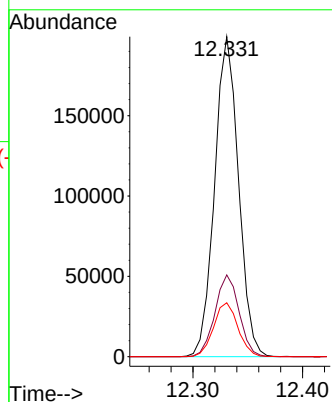
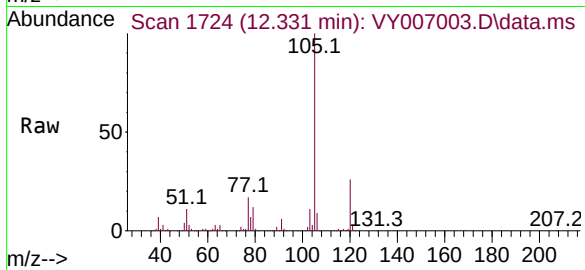
Tgt Ion:105 Resp: 301842

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1

77 17.2 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 24.682 ug/L

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

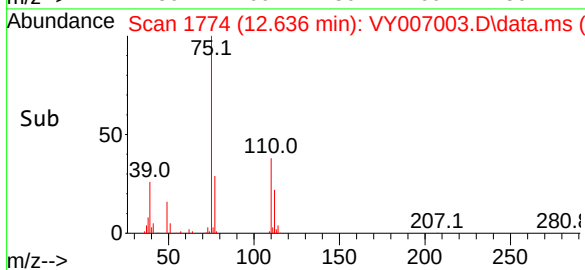
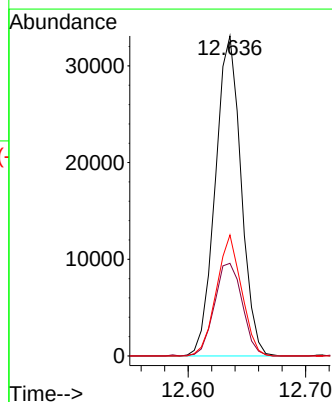
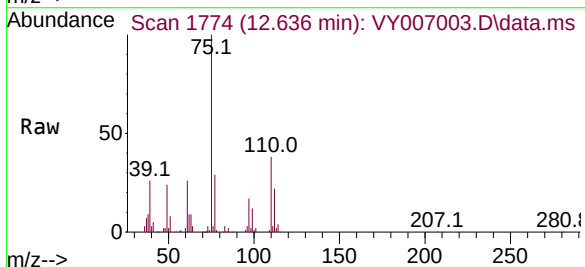
Tgt Ion: 75 Resp: 50453

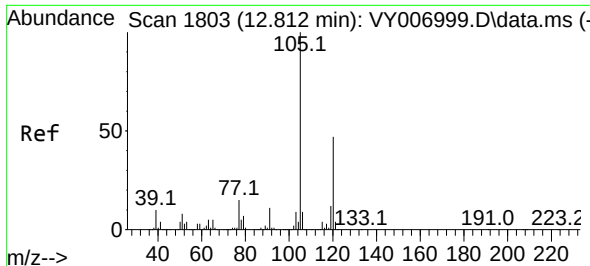
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

110 36.9 28.7 43.1

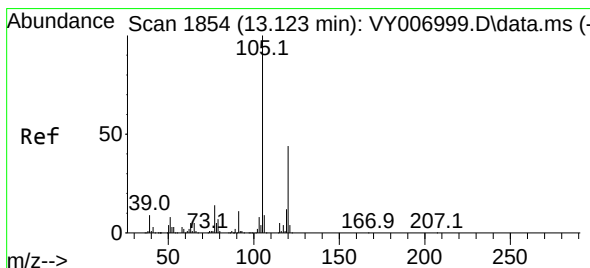
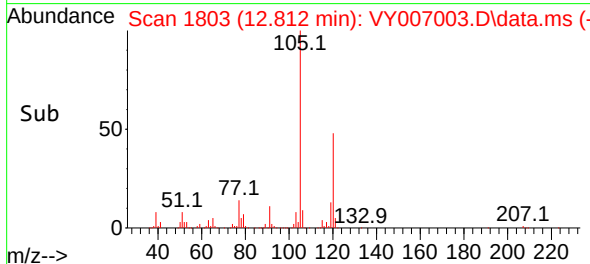
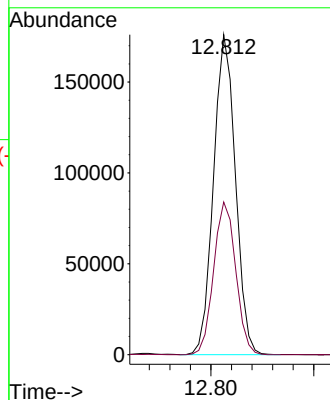
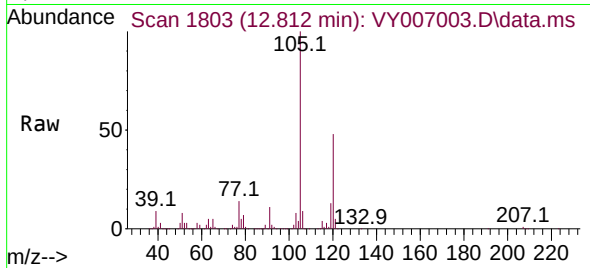




#62
 1,3,5-Trimethylbenzene
 Concen: 29.217 ug/L
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

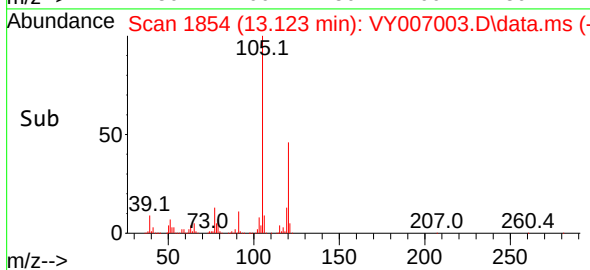
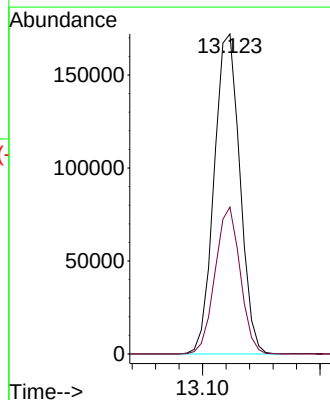
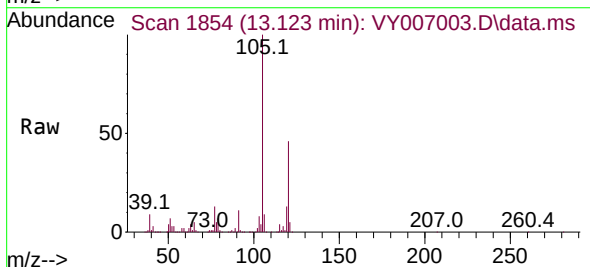
Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D0MS

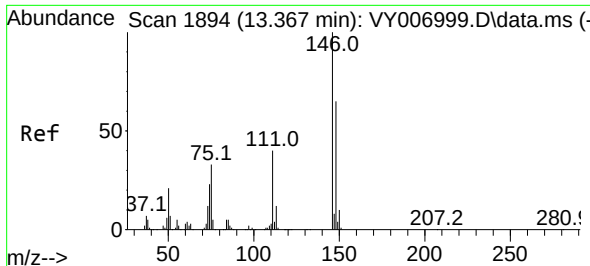
Tgt Ion:105 Resp: 259945
 Ion Ratio Lower Upper
 105 100
 120 48.1 37.4 56.0



#63
 1,2,4-Trimethylbenzene
 Concen: 28.473 ug/L
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

Tgt Ion:105 Resp: 262148
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.4 53.2

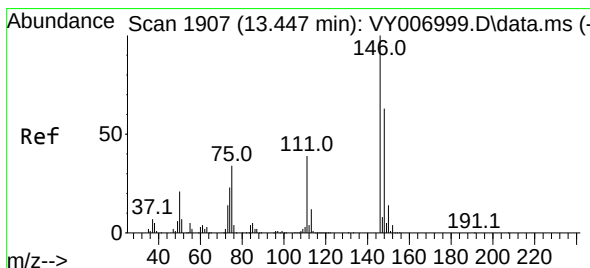
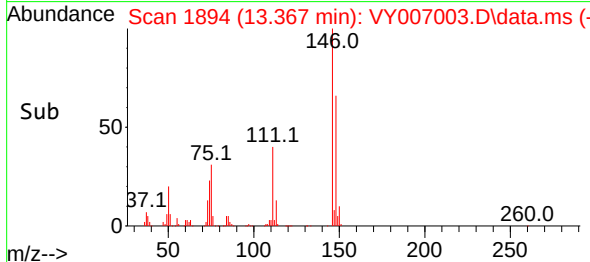
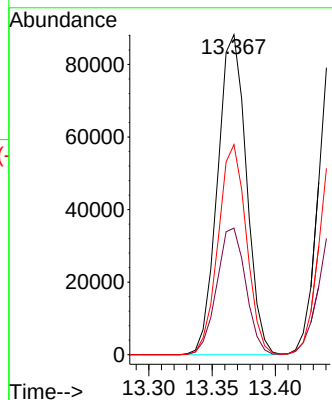
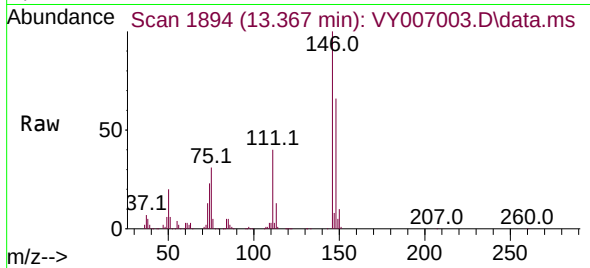




#64
1,3-Dichlorobenzene
Concen: 27.487 ug/L
RT: 13.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

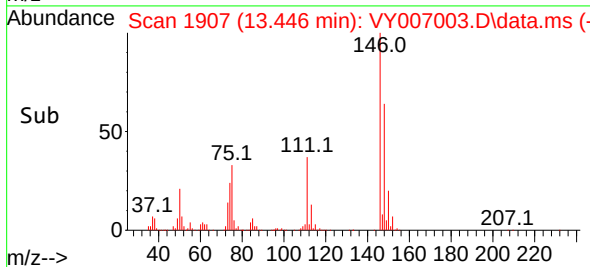
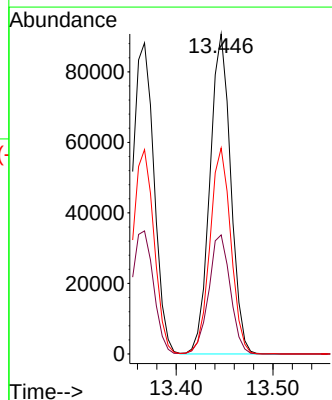
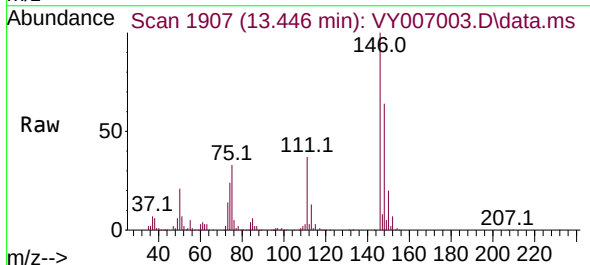
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

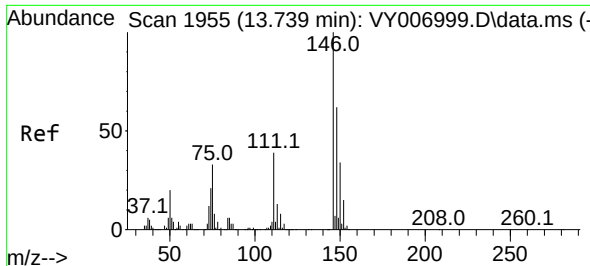
Tgt Ion:146 Resp: 139851
Ion Ratio Lower Upper
146 100
111 39.6 27.2 50.6
148 65.7 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 26.525 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion:146 Resp: 136013
Ion Ratio Lower Upper
146 100
111 37.2 24.6 45.6
148 64.3 44.4 82.4

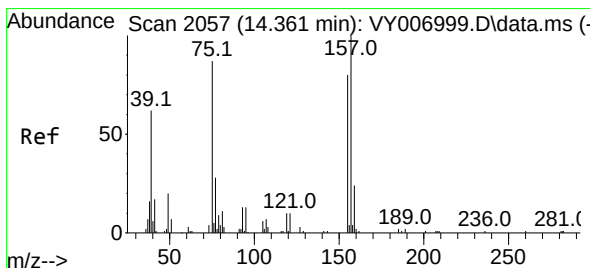
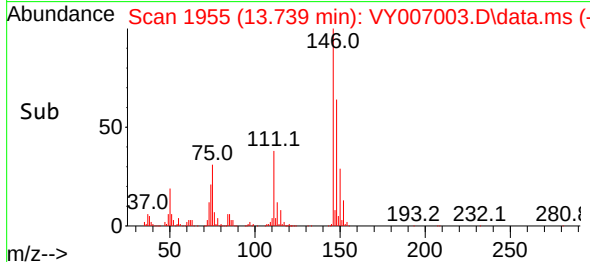
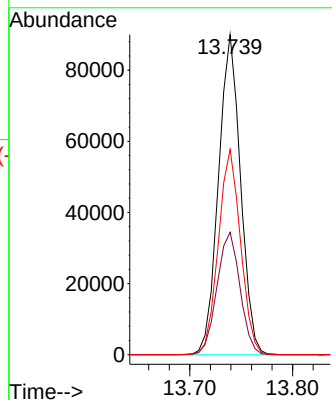
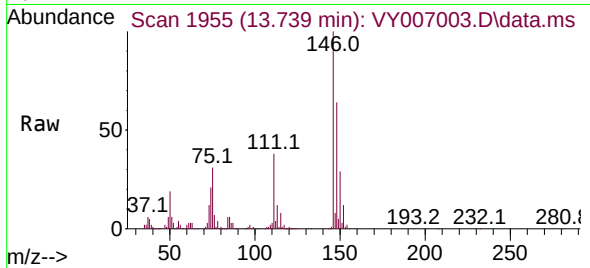




#67
1,2-Dichlorobenzene
Concen: 29.017 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

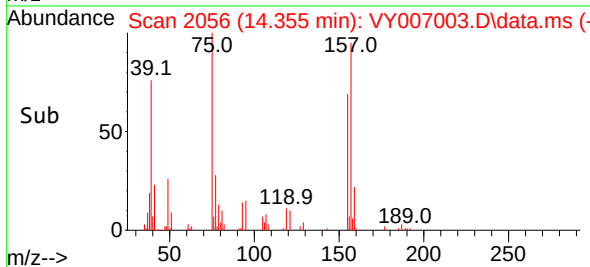
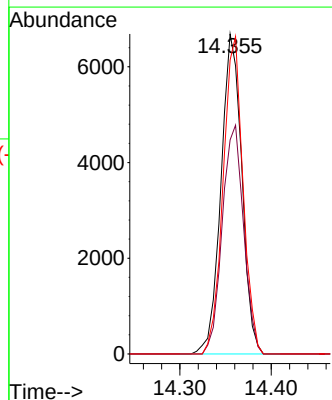
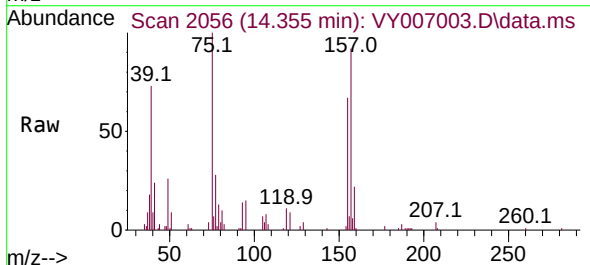
Instrument :
MSVOA_Y
ClientSampleId :
EX8D0MS

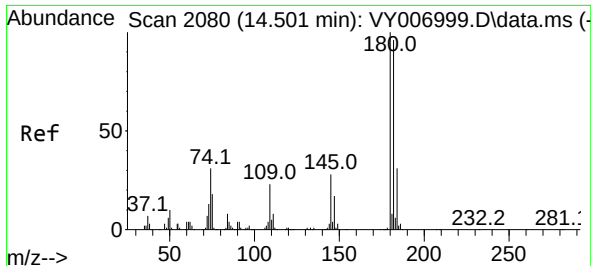
Tgt Ion:146 Resp: 133924
Ion Ratio Lower Upper
146 100
111 38.3 32.8 49.2
148 64.2 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 21.528 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY007003.D
Acq: 07 Dec 2021 18:00

Tgt Ion: 75 Resp: 10564
Ion Ratio Lower Upper
75 100
155 66.9 61.0 91.6
157 91.8 75.4 113.2

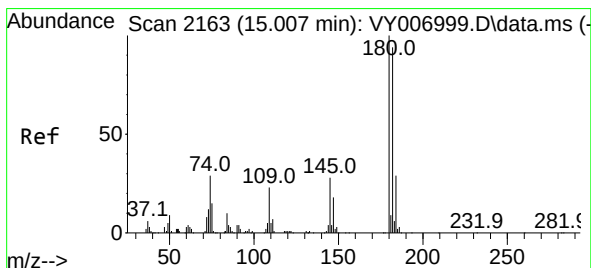
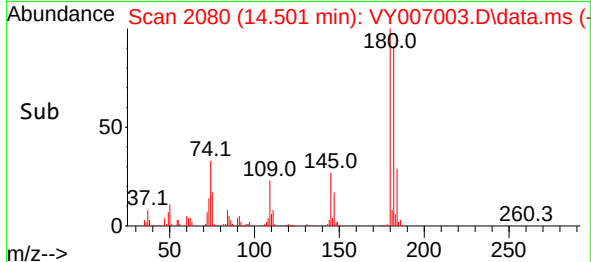
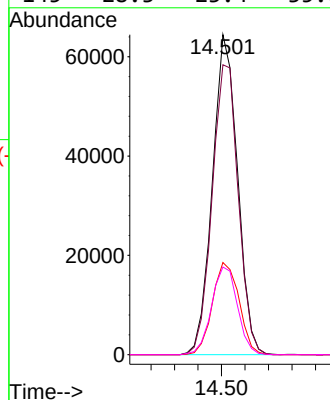
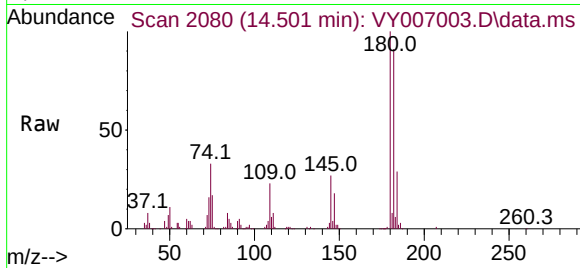




#69
 1,3,5-Trichlorobenzene
 Concen: 25.643 ug/L
 RT: 14.501 min Scan# 2080
 Delta R.T. -0.000 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

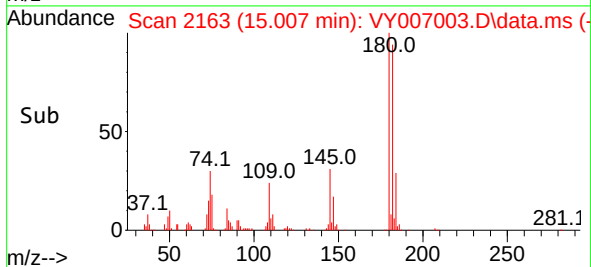
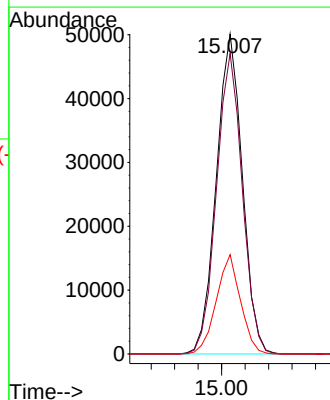
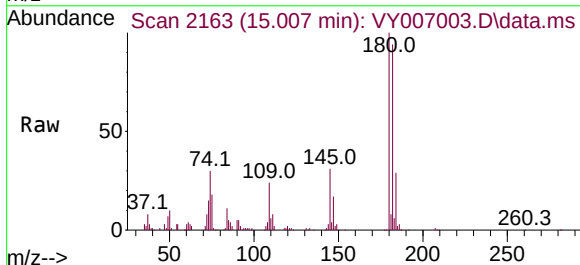
Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D0MS

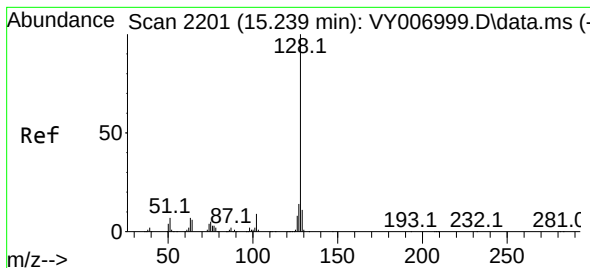
Tgt Ion:180	Resp:	95736
Ion Ratio	Lower	Upper
180	100	
182	94.2	75.5 113.3
184	30.5	24.1 36.1
145	28.3	23.4 35.0



#70
 1,2,4-trichlorobenzene
 Concen: 24.265 ug/L
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY007003.D
 Acq: 07 Dec 2021 18:00

Tgt Ion:180	Resp:	77041
Ion Ratio	Lower	Upper
180	100	
182	93.0	74.6 112.0
145	28.9	22.7 34.1





#71

Naphthalene

Concen: 23.001 ug/L

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Instrument :

MSVOA_Y

ClientSampleId :

EX8D0MS

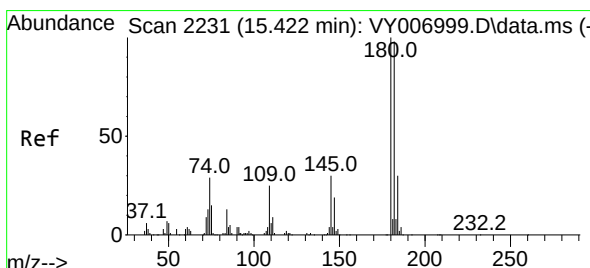
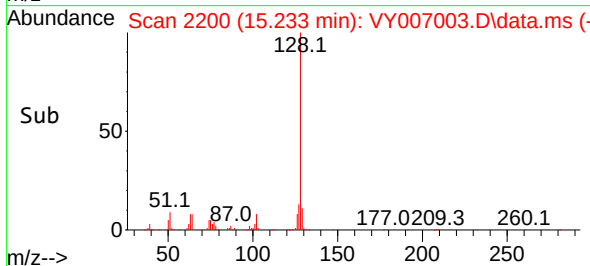
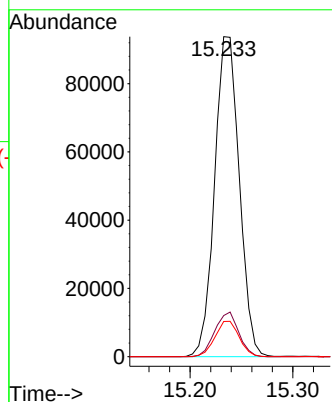
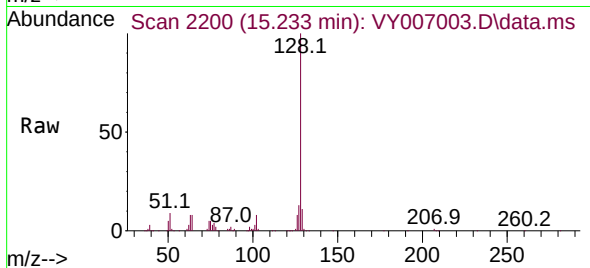
Tgt Ion:128 Resp: 156225

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.683 ug/L

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY007003.D

Acq: 07 Dec 2021 18:00

Tgt Ion:180 Resp: 64054

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 31.2 23.7 35.5

