

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006949.D
 Acq On : 04 Dec 2021 17:59
 Operator : SY/MD
 Sample : M4884-19MSD
 Misc : 6.01g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K3MSD

Quant Time: Dec 05 06:09:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	140927	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	126469	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	53139	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	52569	28.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.840%			
7) Chloroethane-d5	2.772	69	37857	26.589	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.360%			
11) 1,1-Dichloroethene-d2	3.857	63	84448	22.380	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.520%			
21) 2-Butanone-d5	6.887	46	31354	44.725	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.460%			
24) Chloroform-d	7.478	84	75649	21.540	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.160%			
26) 1,2-Dichloroethane-d4	8.143	65	47590	22.575	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.280%			
32) Benzene-d6	8.112	84	149156	22.203	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.800%			
36) 1,2-Dichloropropane-d6	9.124	67	49389	23.399	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.600%			
41) Toluene-d8	10.179	98	133878	21.277	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.120%			
43) trans-1,3-Dichloroprop...	10.435	79	23155	22.680	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.720%			
47) 2-Hexanone-d5	10.788	63	24264	49.668	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.340%			
56) 1,1,2,2-Tetrachloroeth...	12.556	84	39582	22.509	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.040%			
66) 1,2-Dichlorobenzene-d4	13.721	152	31602	18.236	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 72.960%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	10921	12.275	ug/L	97
3) Chloromethane	2.119	50	39815	23.313	ug/L	99
5) Vinyl chloride	2.259	62	79624	31.652	ug/L	97
6) Bromomethane	2.668	94	41944	27.585	ug/L	96
8) Chloroethane	2.808	64	44310	29.685	ug/L	94
9) Trichlorofluoromethane	3.131	101	46781	25.607	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	42695	24.106	ug/L	94
12) 1,1-Dichloroethene	3.881	96	43004	22.550	ug/L	86
13) Acetone	3.942	43	34260	53.325	ug/L	97
14) Carbon disulfide	4.198	76	146985	23.379	ug/L	100
15) Methyl Acetate	4.472	43	37774	26.969	ug/L #	72
16) Methylene chloride	4.716	84	52834	20.906	ug/L	90
17) trans-1,2-Dichloroethene	5.222	96	45021	22.140	ug/L	96
18) Methyl tert-butyl Ether	5.222	73	91225	24.869	ug/L	98
19) 1,1-Dichloroethane	6.021	63	92847	24.276	ug/L	98
20) cis-1,2-Dichloroethene	6.990	96	54415	24.956	ug/L	94
22) 2-Butanone	6.984	43	56794	63.193	ug/L	94
23) Bromochloromethane	7.338	128	25117	25.243	ug/L #	81
25) Chloroform	7.508	83	94843	24.616	ug/L	97

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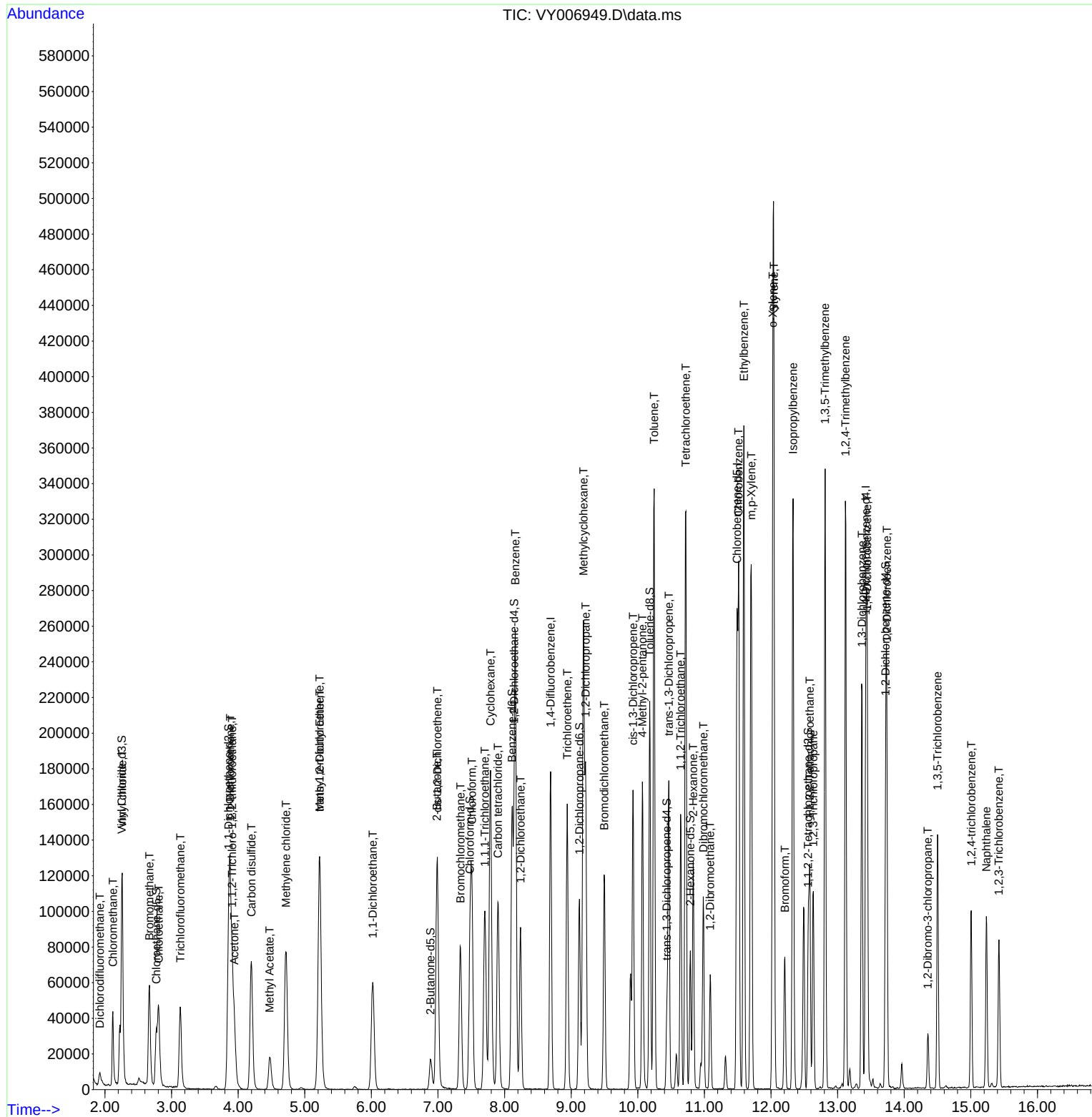
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	76733	27.482	ug/L	100
29) Cyclohexane	7.789	56	101402	28.768	ug/L	93
30) 1,1,1-Trichloroethane	7.704	97	83556	25.971	ug/L	98
31) Carbon tetrachloride	7.899	117	76171	24.814	ug/L	100
33) Benzene	8.161	78	217846	25.621	ug/L	100
34) Trichloroethene	8.941	95	52988	25.301	ug/L	93
35) Methylcyclohexane	9.185	83	100515	26.784	ug/L	94
37) 1,2-Dichloropropane	9.215	63	60494	27.755	ug/L	98
38) Bromodichloromethane	9.496	83	74209	26.279	ug/L	98
39) cis-1,3-Dichloropropene	9.929	75	88523	25.873	ug/L	100
40) 4-Methyl-2-pentanone	10.069	43	119448	62.832	ug/L	98
42) Toluene	10.246	91	230744	25.437	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	84792	26.519	ug/L	99
45) 1,1,2-Trichloroethane	10.642	97	44089	27.455	ug/L	98
46) Tetrachloroethene	10.721	164	68985	39.316	ug/L	98
48) 2-Hexanone	10.831	43	83516	66.571	ug/L	97
49) Dibromochloromethane	10.983	129	48536	24.836	ug/L	95
50) 1,2-Dibromoethane	11.087	107	39057	25.699	ug/L	99
51) Chlorobenzene	11.514	112	132271	23.908	ug/L	97
52) Ethylbenzene	11.593	91	243244	24.947	ug/L	99
53) m,p-Xylene	11.703	106	89724	24.326	ug/L	100
54) o-Xylene	12.026	106	80707	23.260	ug/L	100
55) Styrene	12.044	104	137933	22.721	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.581	83	53865	27.800	ug/L	95
59) Bromoform	12.209	173	30804	28.424	ug/L	98
60) Isopropylbenzene	12.331	105	204504	26.299	ug/L	98
61) 1,2,3-Trichloropropane	12.636	75	42928	33.235	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	169684	26.539	ug/L	99
63) 1,2,4-Trimethylbenzene	13.117	105	169347	27.079	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	84847	24.244	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	84351	23.653	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	69808	22.276	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.355	75	7655	27.524	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.501	180	38494	16.162	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	28459	14.815	ug/L	100
71) Naphthalene	15.233	128	73101	18.992	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	24436	15.055	ug/L	99

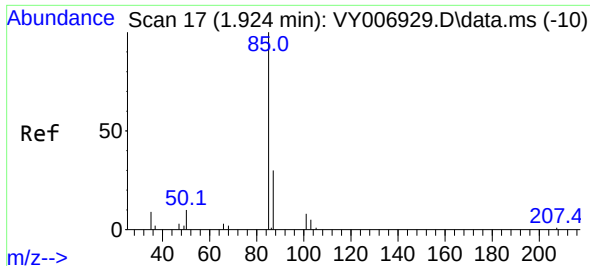
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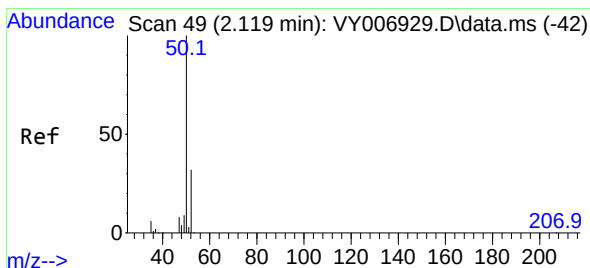
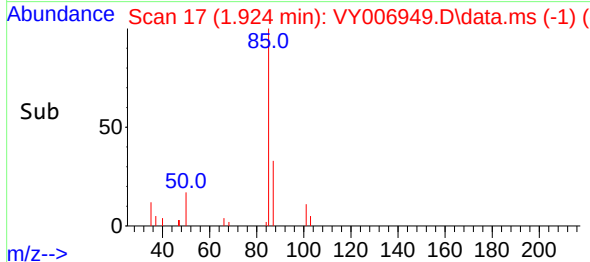
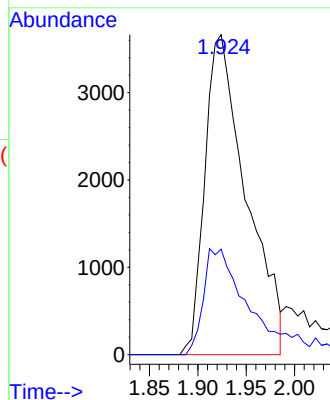
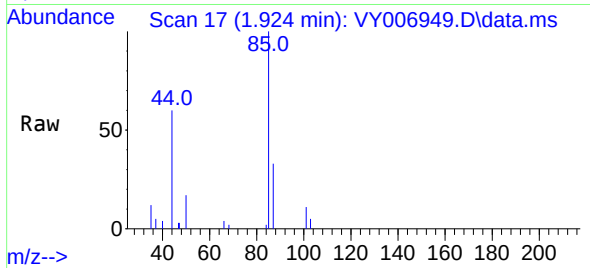




#2
 Dichlorodifluoromethane
 Concen: 12.275 ug/L
 RT: 1.924 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY006949.D
 Acq: 04 Dec 2021 17:59

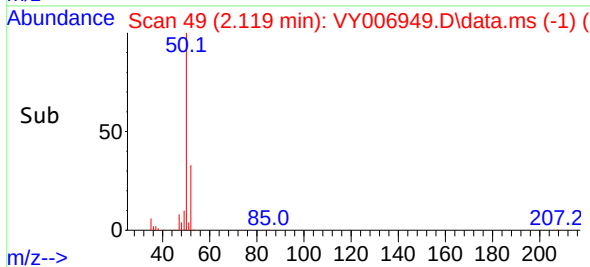
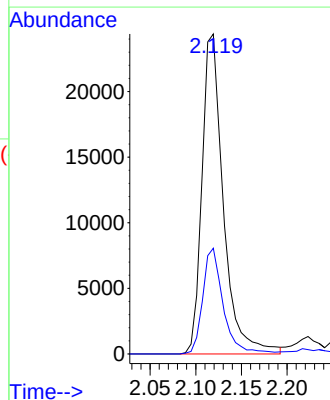
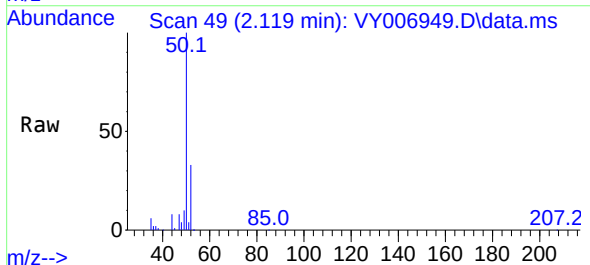
Instrument :
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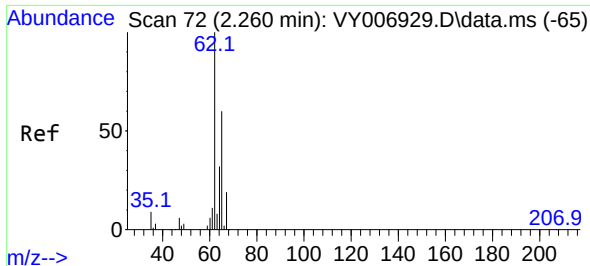
Tgt Ion: 85 Resp: 10921
 Ion Ratio Lower Upper
 85 100
 87 34.6 26.3 39.5



#3
 Chloromethane
 Concen: 23.313 ug/L
 RT: 2.119 min Scan# 49
 Delta R.T. 0.006 min
 Lab File: VY006949.D
 Acq: 04 Dec 2021 17:59

Tgt Ion: 50 Resp: 39815
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.1

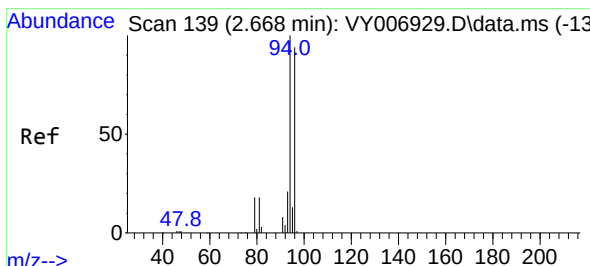
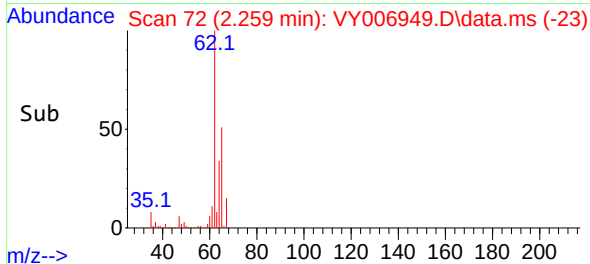
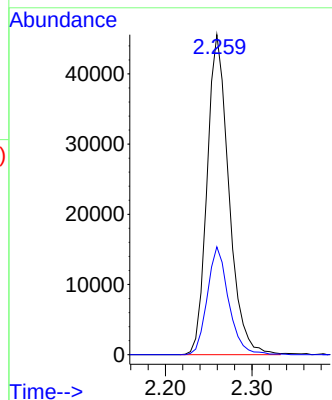
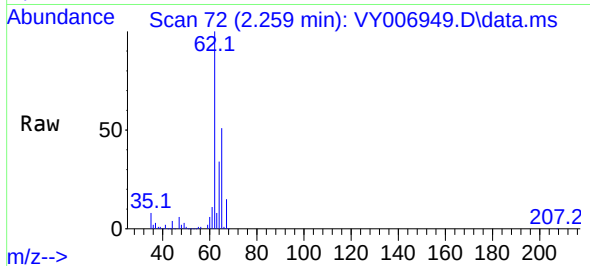




#5
 Vinyl chloride
 Concen: 31.652 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006949.D
 Acq: 04 Dec 2021 17:59

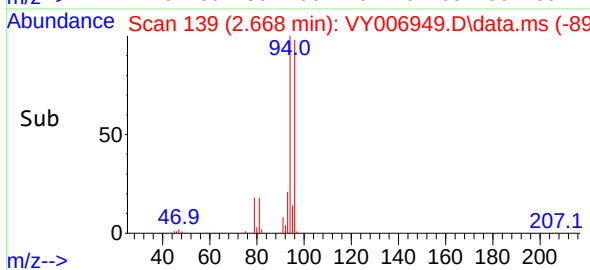
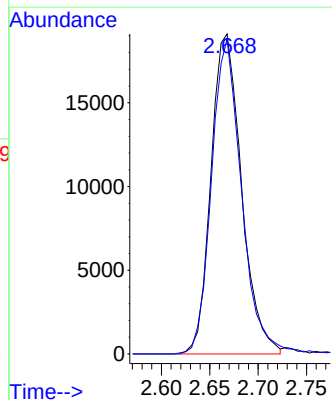
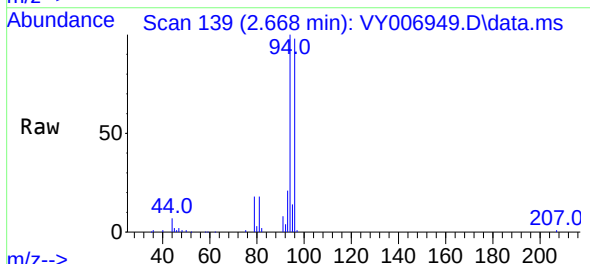
Instrument :
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 ClientSampleId :
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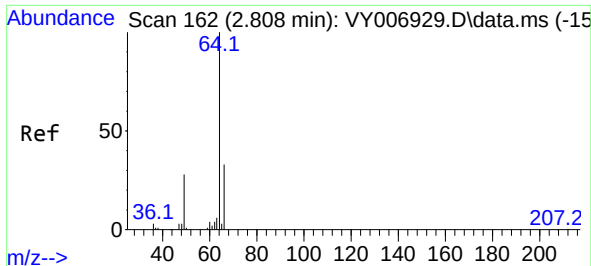
Tgt Ion: 62 Resp: 79624
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.4 41.6



#6
 Bromomethane
 Concen: 27.585 ug/L
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY006949.D
 Acq: 04 Dec 2021 17:59

Tgt Ion: 94 Resp: 41944
 Ion Ratio Lower Upper
 94 100
 96 98.4 66.5 123.5

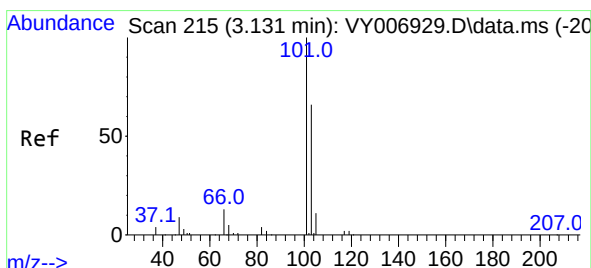
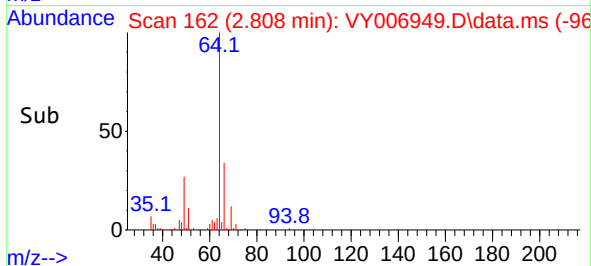
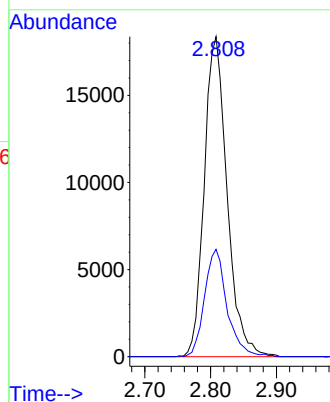
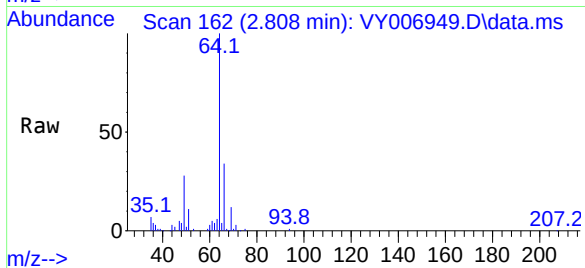




#8
Chloroethane
Concen: 29.685 ug/L
RT: 2.808 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

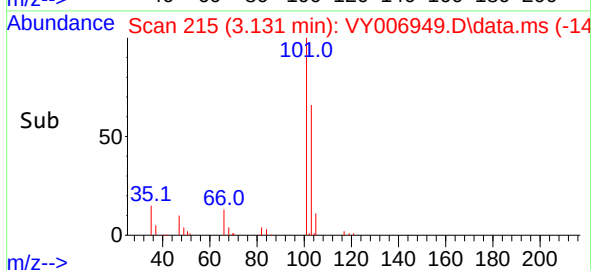
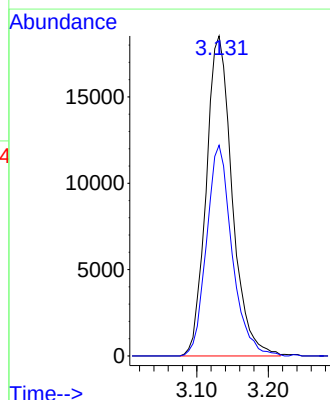
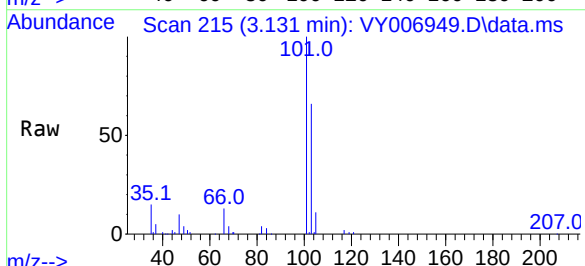
Instrument :
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ClientSampleId :
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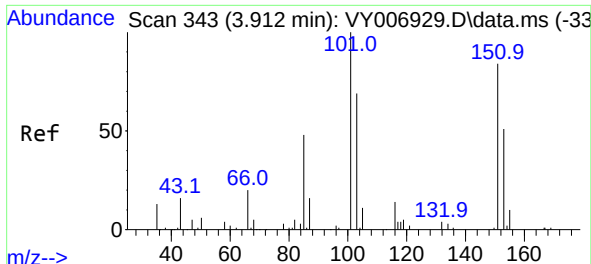
Tgt Ion: 64 Resp: 44310
Ion Ratio Lower Upper
64 100
66 33.6 21.1 39.3



#9
Trichlorofluoromethane
Concen: 25.607 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion:101 Resp: 46781
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

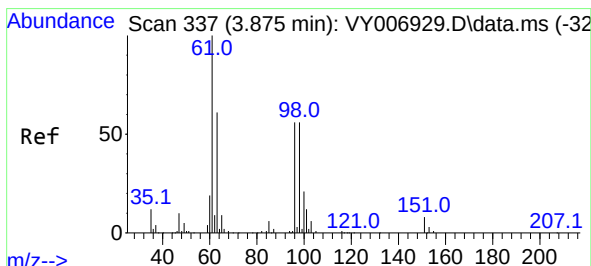
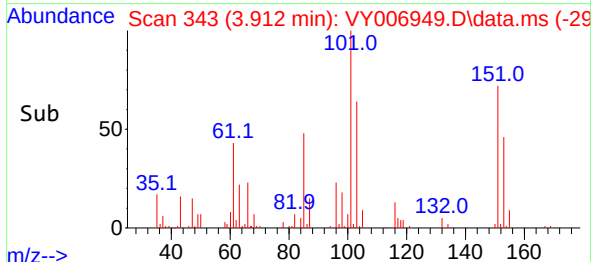
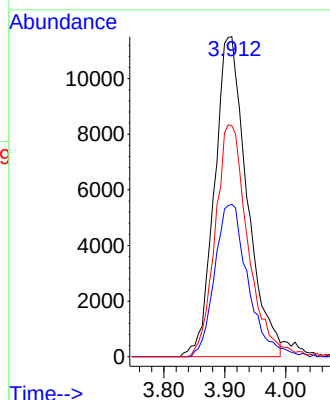
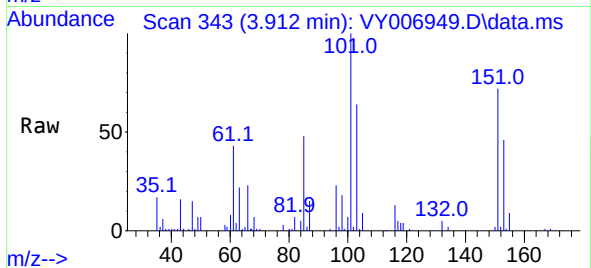




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.106 ug/L
 RT: 3.912 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VY006949.D
 Acq: 04 Dec 2021 17:59

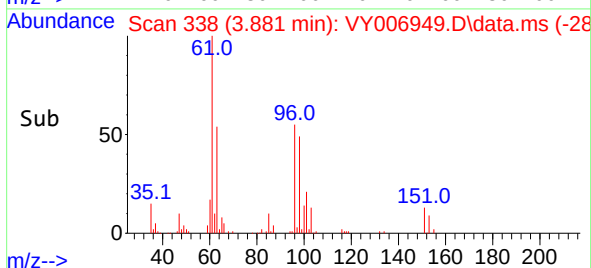
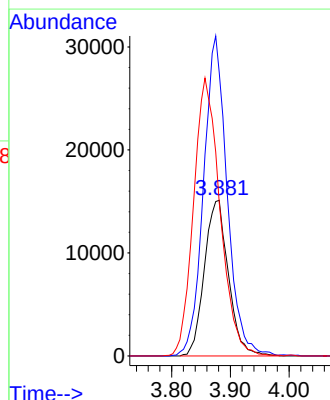
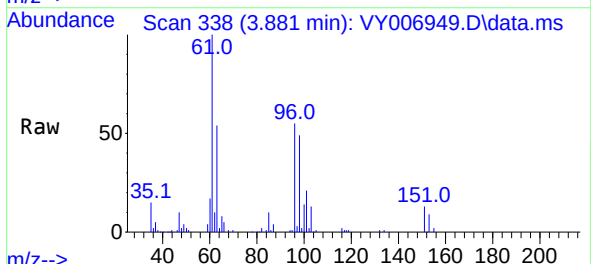
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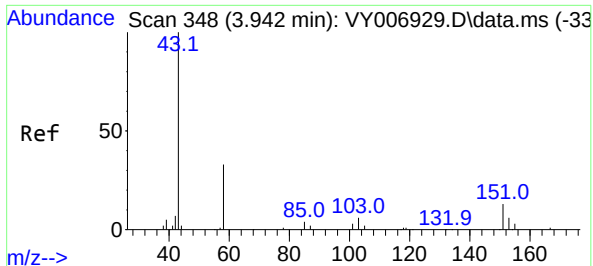
Tgt Ion:101 Resp: 42695
 Ion Ratio Lower Upper
 101 100
 85 48.7 38.2 57.2
 151 72.5 64.2 96.4



#12
 1,1-Dichloroethene
 Concen: 22.550 ug/L
 RT: 3.881 min Scan# 338
 Delta R.T. 0.012 min
 Lab File: VY006949.D
 Acq: 04 Dec 2021 17:59

Tgt Ion: 96 Resp: 43004
 Ion Ratio Lower Upper
 96 100
 61 182.1 123.3 229.1
 63 98.4 91.2 169.4

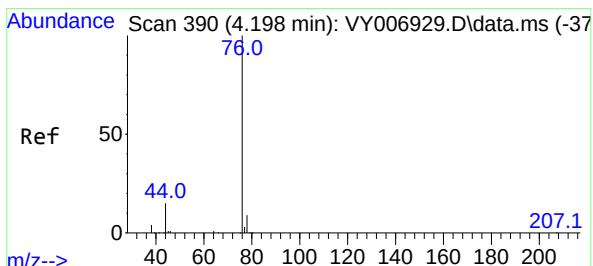
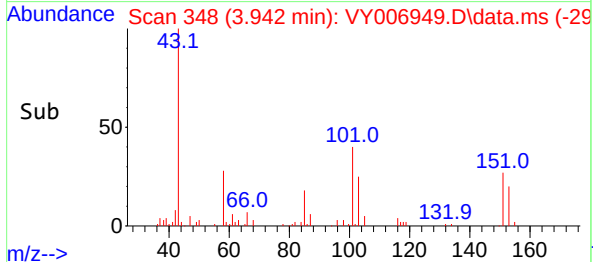
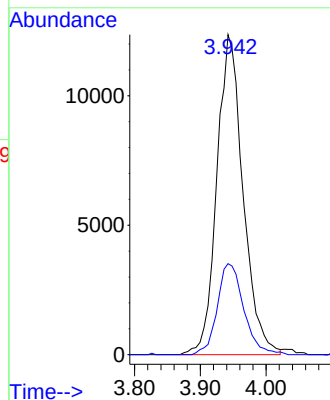
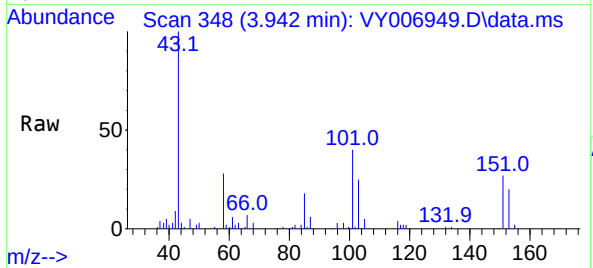




#13
Acetone
Concen: 53.325 ug/L
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

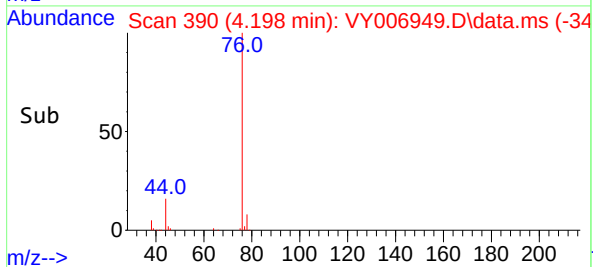
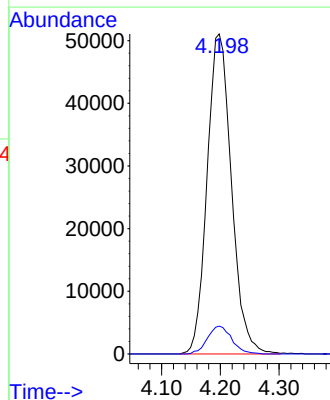
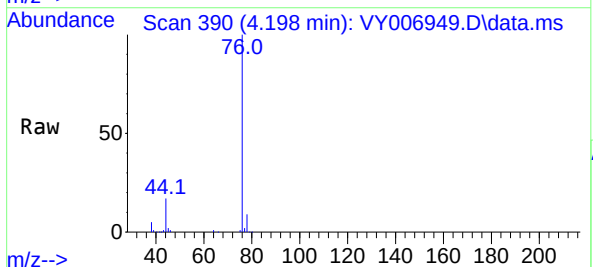
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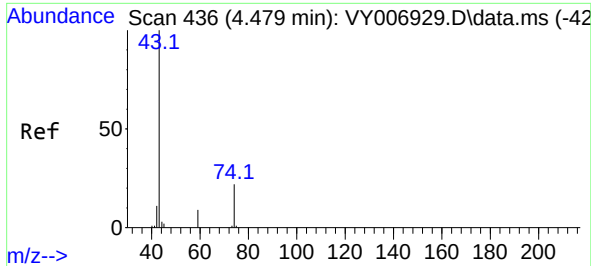
Tgt Ion: 43 Resp: 34260
Ion Ratio Lower Upper
43 100
58 28.7 0.0 60.8



#14
Carbon disulfide
Concen: 23.379 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 76 Resp: 146985
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4





#15

Methyl Acetate

Concen: 26.969 ug/L

RT: 4.472 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

Instrument :

MSVOA_Y

ClientSampleId :

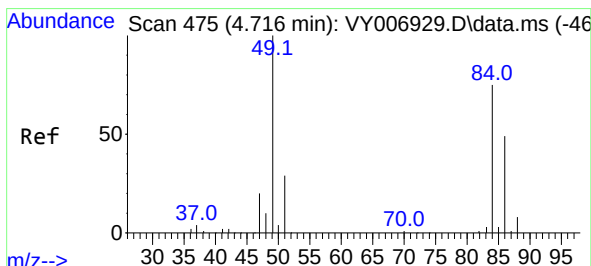
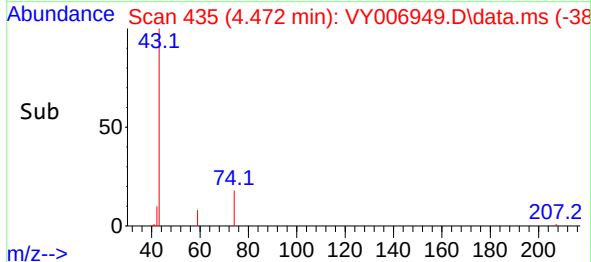
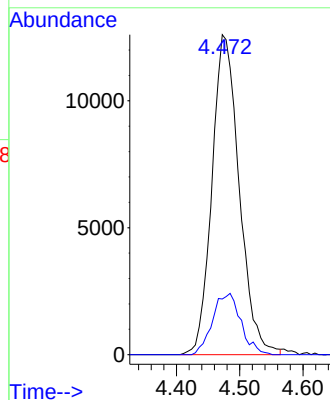
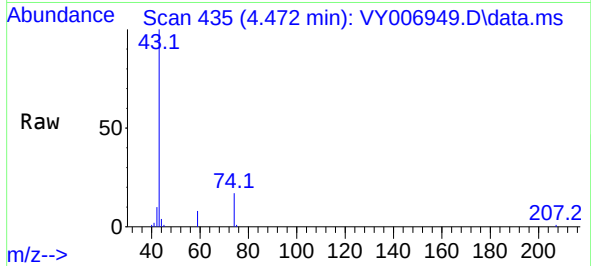
EW9K3MSD

Tgt Ion: 43 Resp: 37774

Ion Ratio Lower Upper

43 100

74 8.4 17.4 26.2#



#16

Methylene chloride

Concen: 20.906 ug/L

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

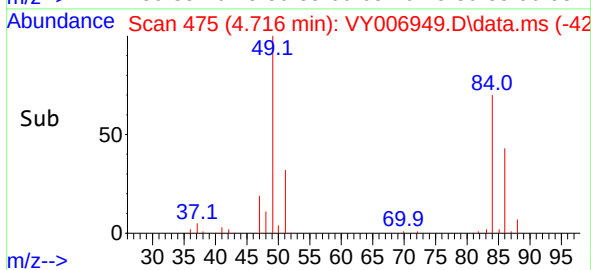
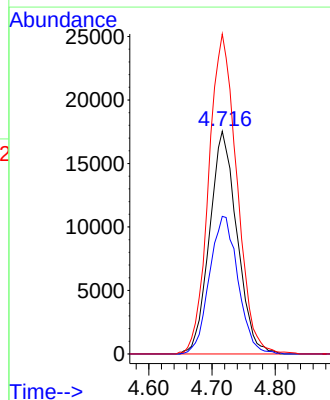
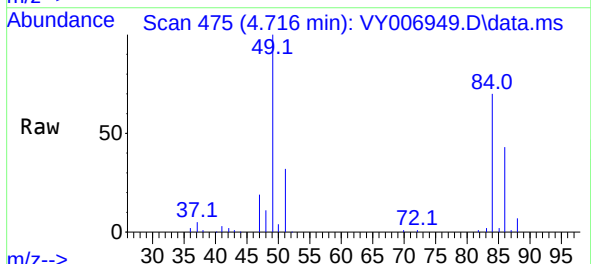
Tgt Ion: 84 Resp: 52834

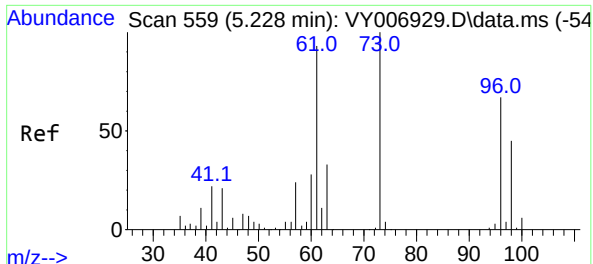
Ion Ratio Lower Upper

84 100

86 61.8 43.4 80.6

49 143.7 89.1 165.5

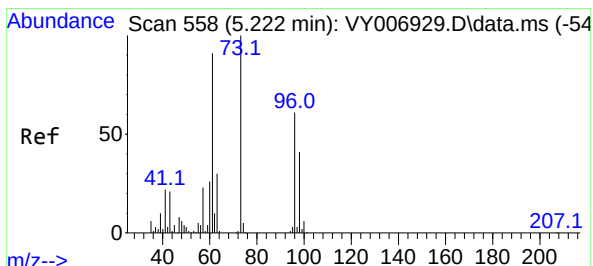
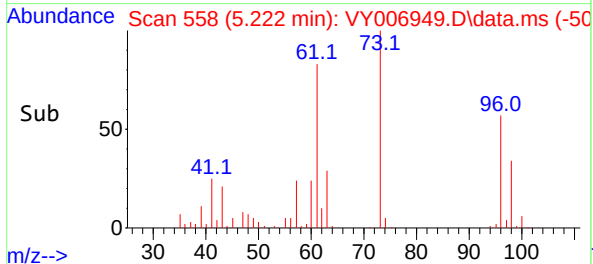
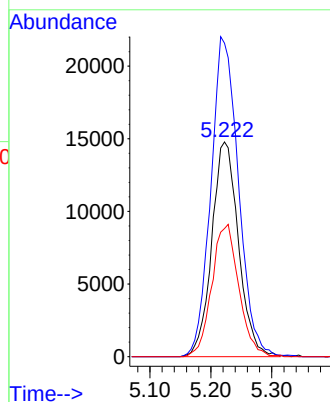
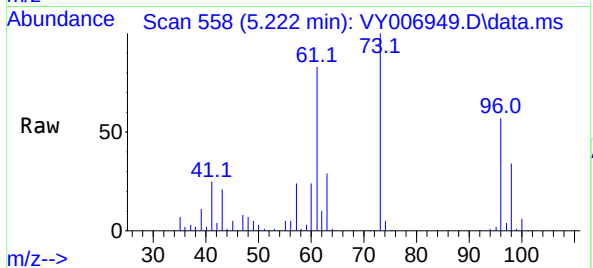




#17
trans-1,2-Dichloroethene
Concen: 22.140 ug/L
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

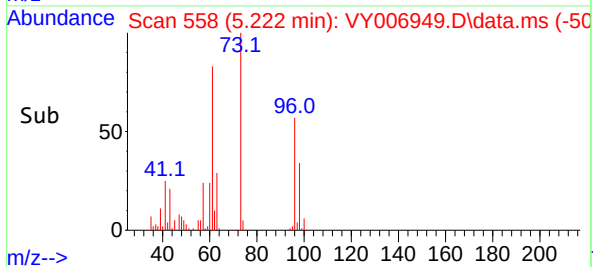
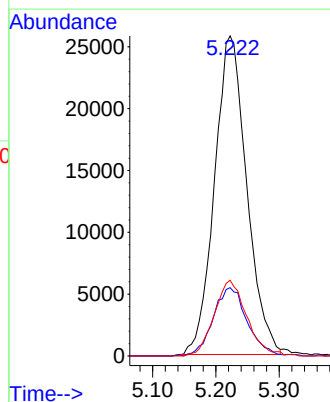
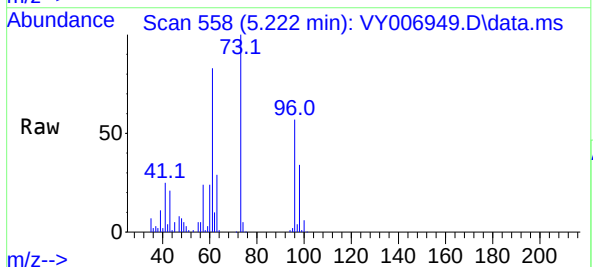
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

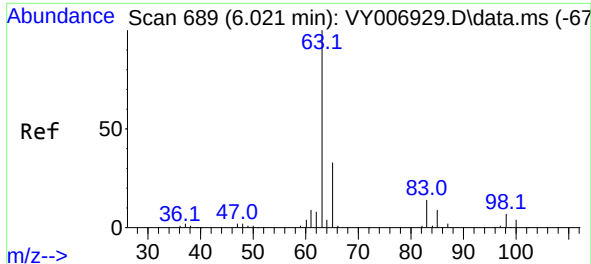
Tgt Ion: 96 Resp: 45021
Ion Ratio Lower Upper
96 100
61 146.0 98.5 182.9
98 59.7 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 24.869 ug/L
RT: 5.222 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 73 Resp: 91225
Ion Ratio Lower Upper
73 100
43 22.5 16.9 25.3
57 23.5 18.1 27.1

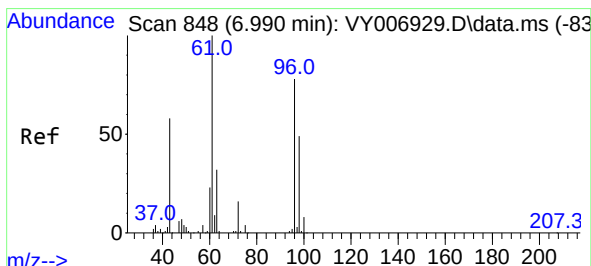
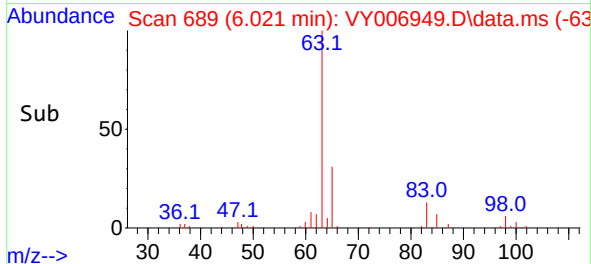
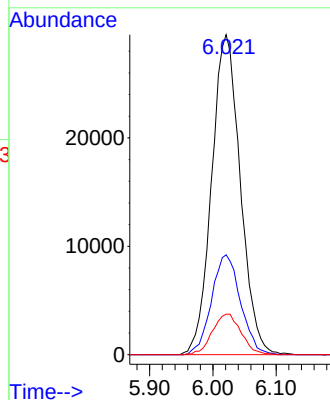
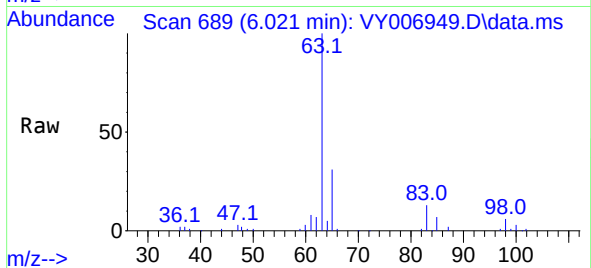




#19
1,1-Dichloroethane
Concen: 24.276 ug/L
RT: 6.021 min Scan# 619
Delta R.T. 0.006 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

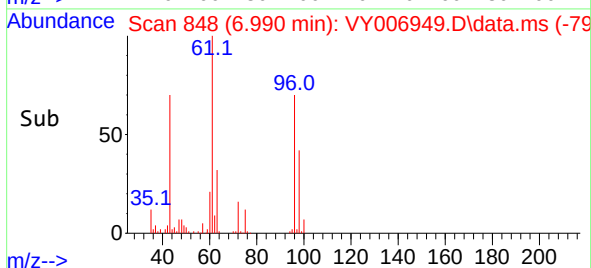
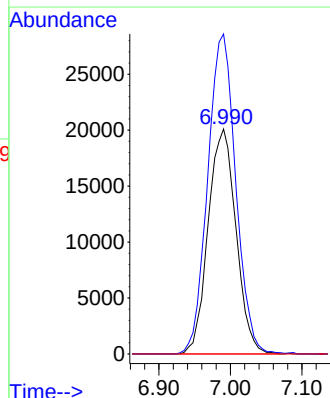
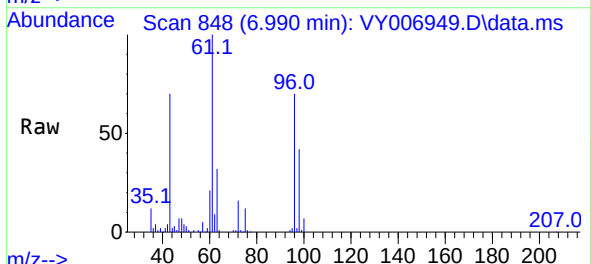
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

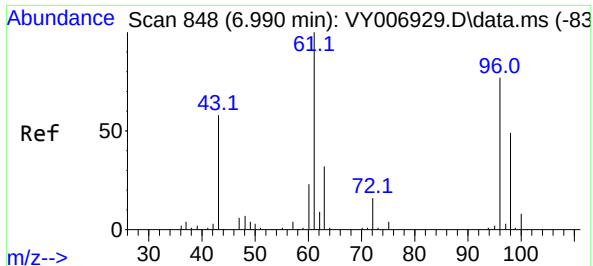
Tgt Ion: 63 Resp: 92847
Ion Ratio Lower Upper
63 100
65 31.2 21.0 39.0
83 12.7 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 24.956 ug/L
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 96 Resp: 54415
Ion Ratio Lower Upper
96 100
61 142.2 94.2 175.0
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 63.193 ug/L

RT: 6.984 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

Instrument :

MSVOA_Y

ClientSampleId :

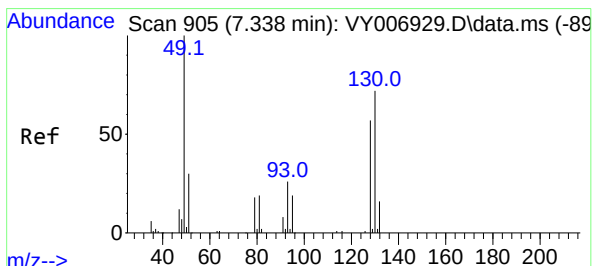
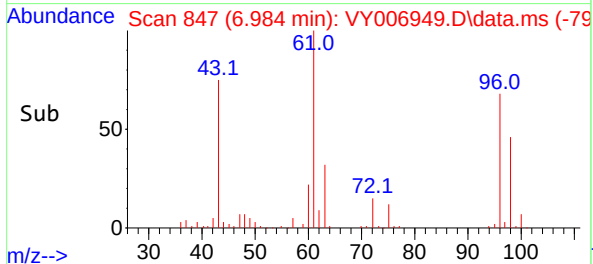
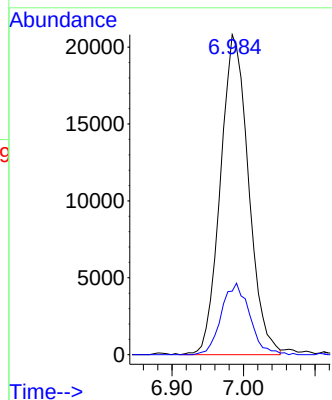
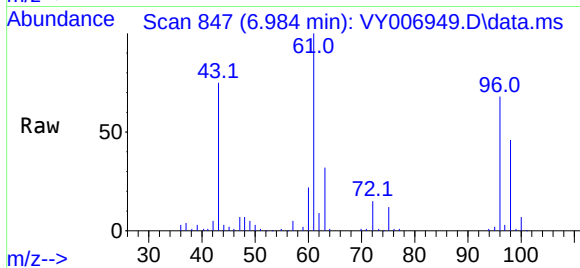
EW9K3MSD

Tgt Ion: 43 Resp: 56794

Ion Ratio Lower Upper

43 100

72 22.4 12.9 38.6



#23

Bromochloromethane

Concen: 25.243 ug/L

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

Tgt Ion:128 Resp: 25117

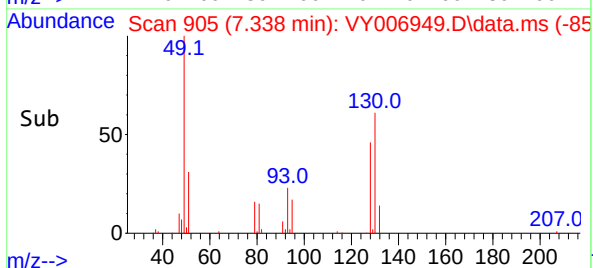
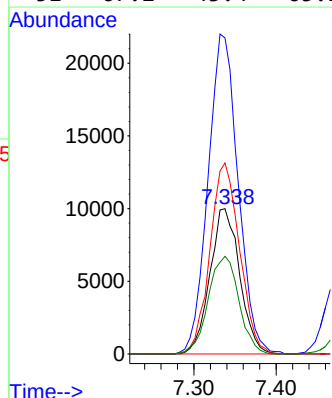
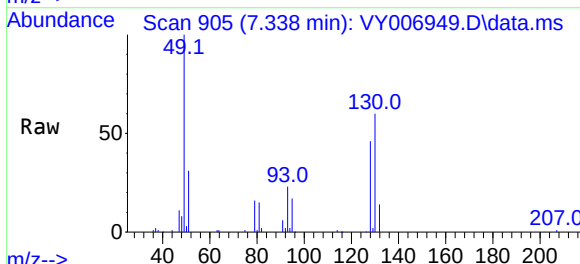
Ion Ratio Lower Upper

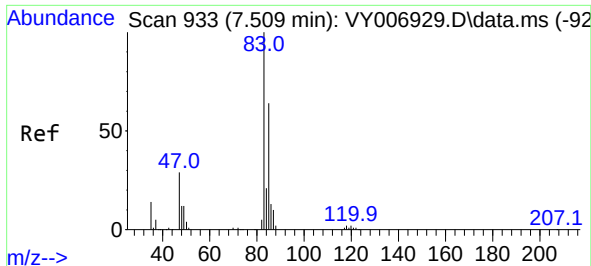
128 100

49 217.4 123.5 229.3

130 131.5 88.5 164.4

51 67.2 43.4 65.2#

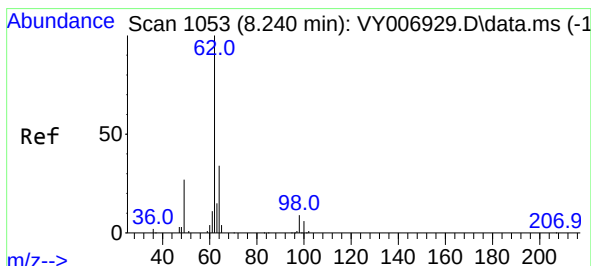
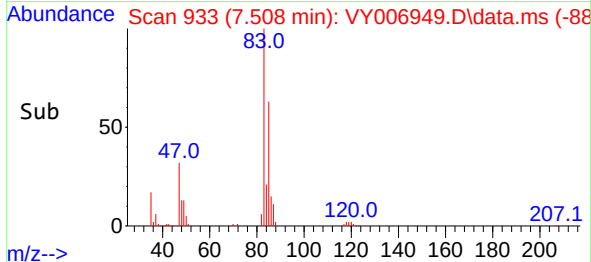
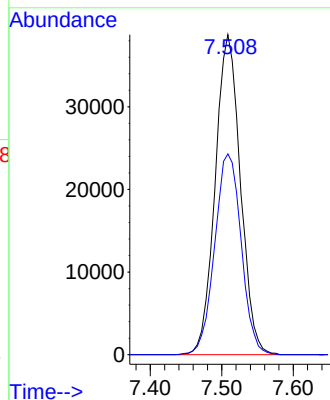
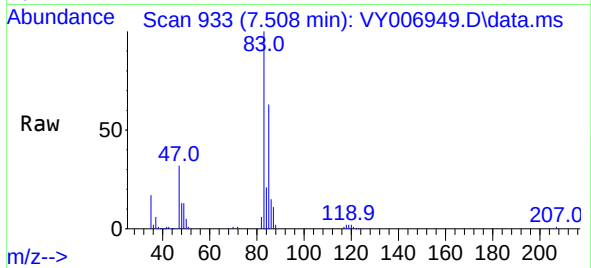




#25
Chloroform
Concen: 24.616 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

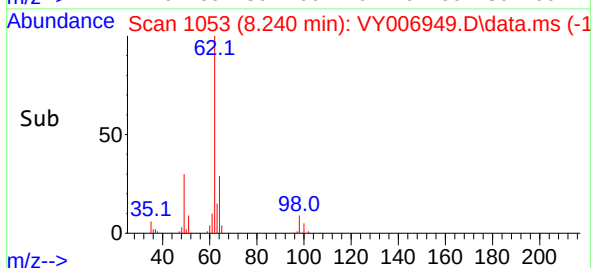
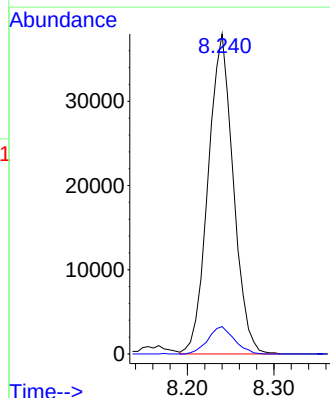
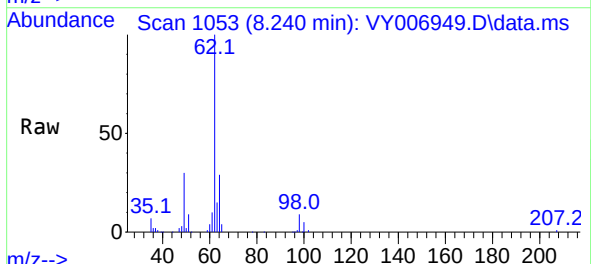
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

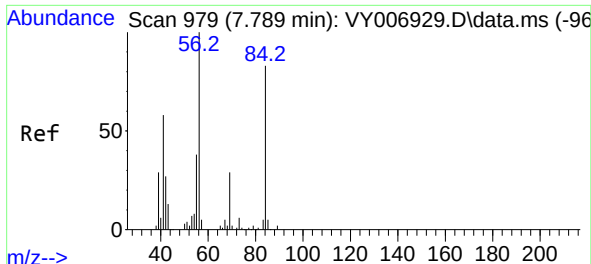
Tgt Ion: 83 Resp: 94843
Ion Ratio Lower Upper
83 100
85 62.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 27.482 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 62 Resp: 76733
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#29

Cyclohexane

Concen: 28.768 ug/L

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

Instrument :

MSVOA_Y

ClientSampleId :

EW9K3MSD

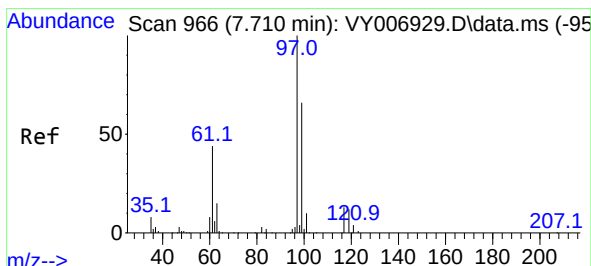
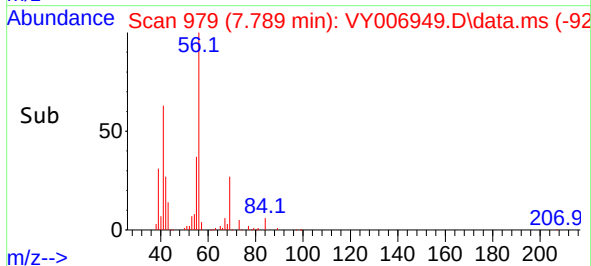
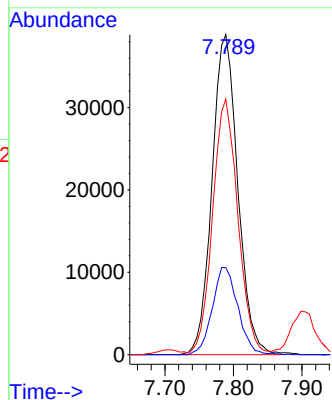
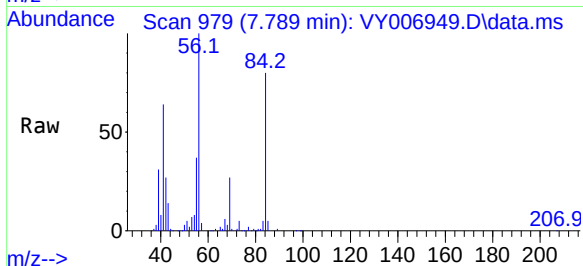
Tgt Ion: 56 Resp: 101402

Ion Ratio Lower Upper

56 100

69 27.0 24.1 36.1

84 78.5 67.8 101.6



#30

1,1,1-Trichloroethane

Concen: 25.971 ug/L

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

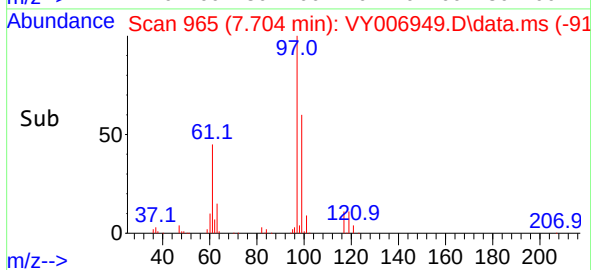
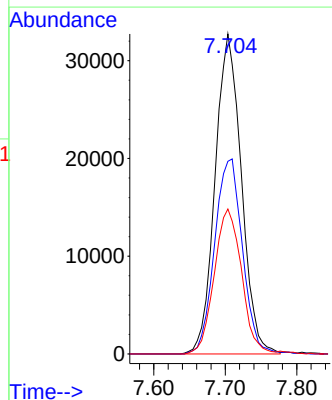
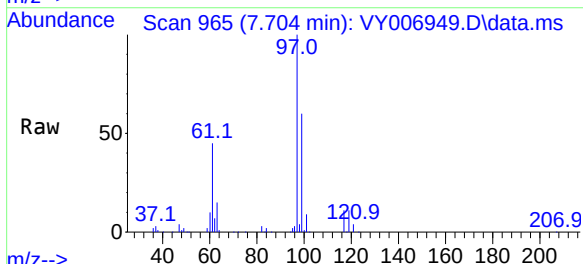
Tgt Ion: 97 Resp: 83556

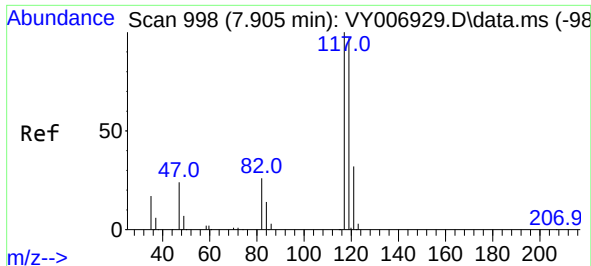
Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

61 47.0 35.7 53.5

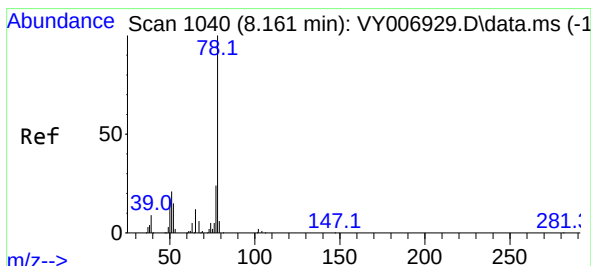
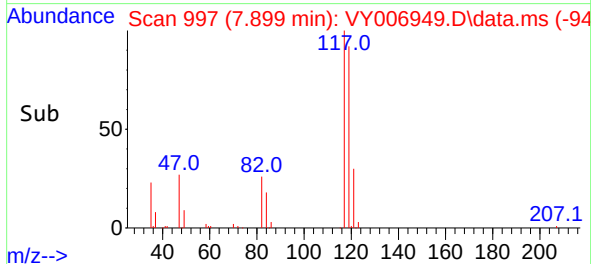
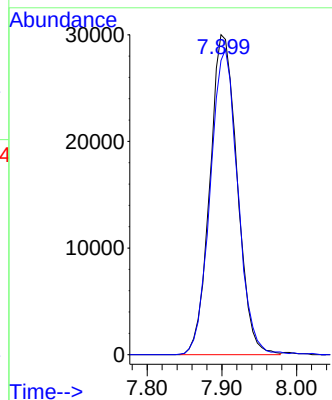
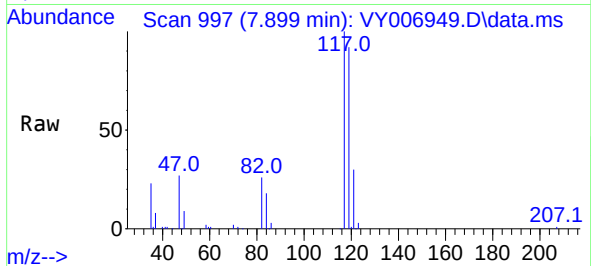




#31
Carbon tetrachloride
Concen: 24.814 ug/L
RT: 7.899 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

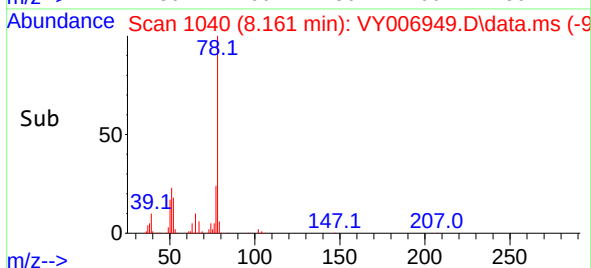
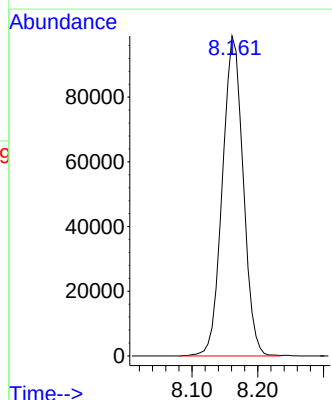
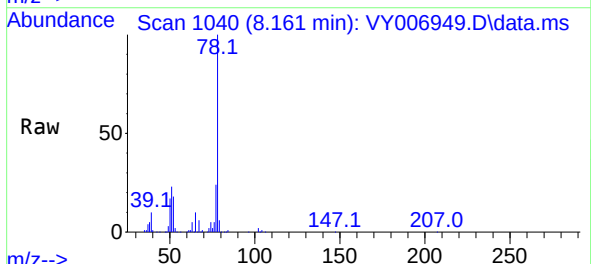
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

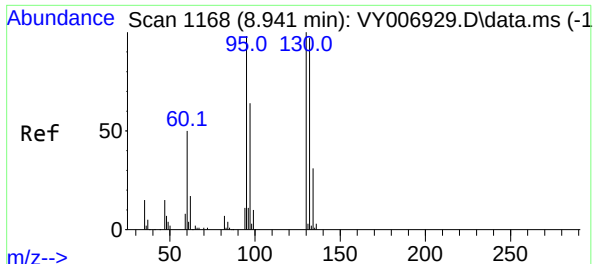
Tgt Ion:117 Resp: 76171
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6



#33
Benzene
Concen: 25.621 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 78 Resp: 217846





#34

Trichloroethene

Concen: 25.301 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

Instrument :

MSVOA_Y

ClientSampleId :

EW9K3MSD

Tgt Ion: 95 Resp: 52988

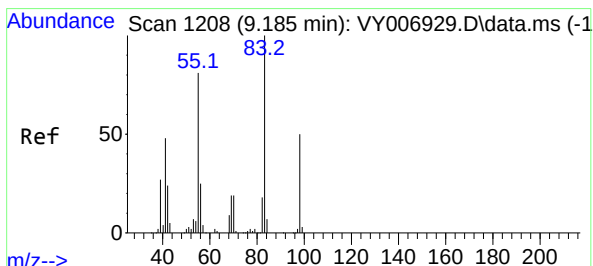
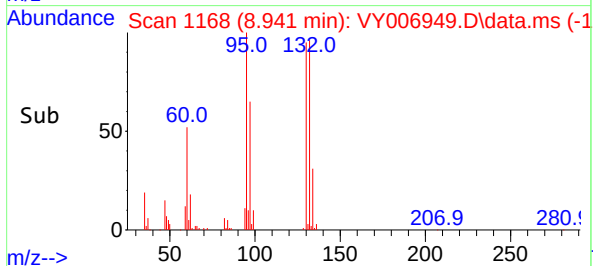
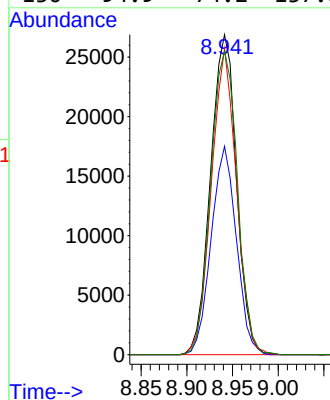
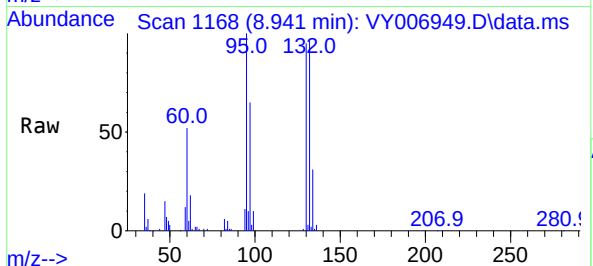
Ion Ratio Lower Upper

95 100

97 65.1 47.3 87.8

132 95.7 71.3 132.5

130 94.9 74.2 137.8



#35

Methylcyclohexane

Concen: 26.784 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

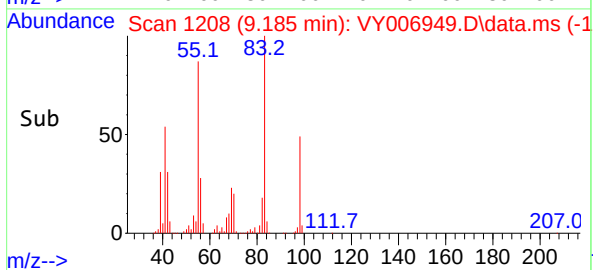
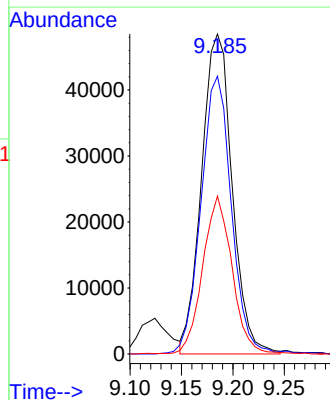
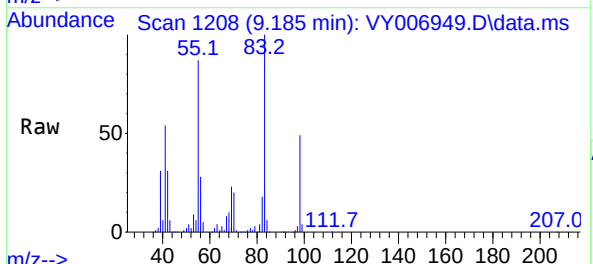
Tgt Ion: 83 Resp: 100515

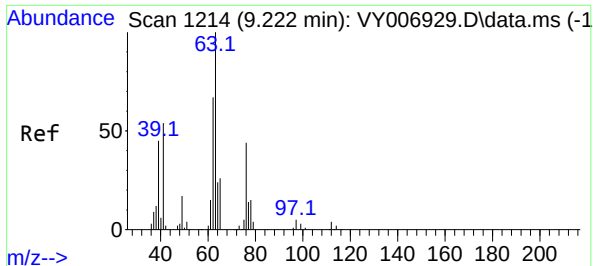
Ion Ratio Lower Upper

83 100

55 85.9 62.6 94.0

98 47.4 39.1 58.7

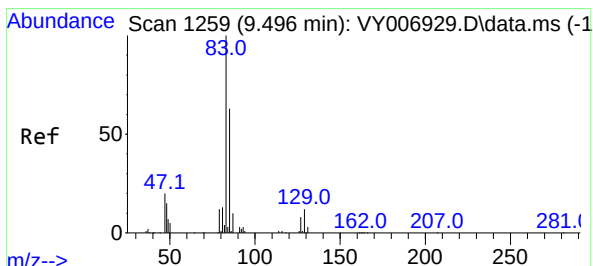
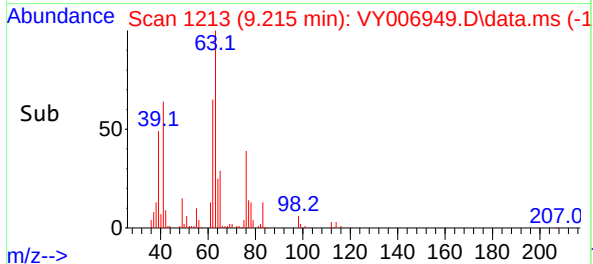
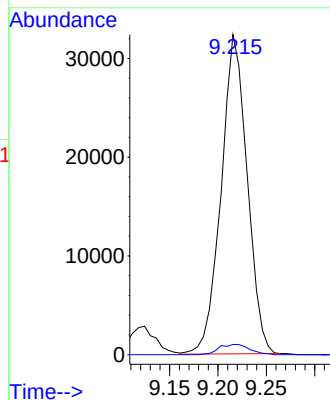
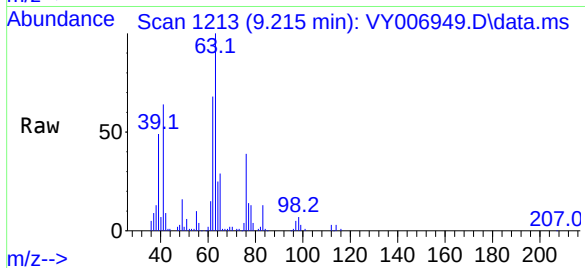




#37
1,2-Dichloropropane
Concen: 27.755 ug/L
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

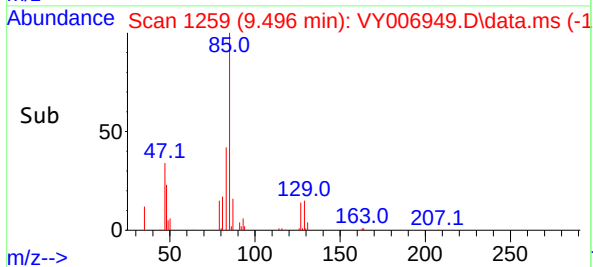
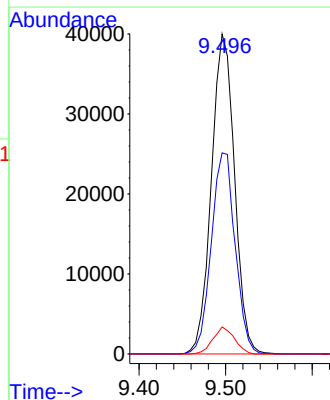
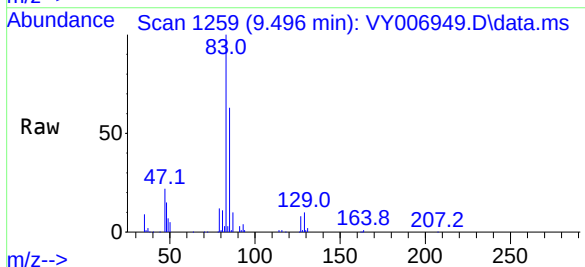
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

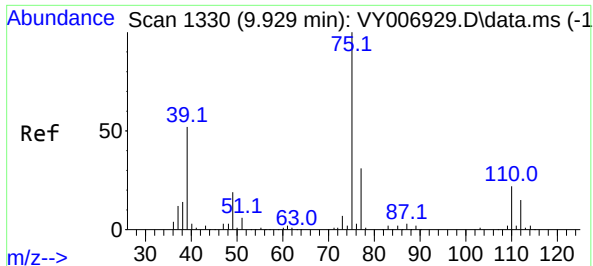
Tgt Ion: 63 Resp: 60494
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.2



#38
Bromodichloromethane
Concen: 26.279 ug/L
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 83 Resp: 74209
Ion Ratio Lower Upper
83 100
85 62.9 45.4 84.2
127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.873 ug/L

RT: 9.929 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

Instrument :

MSVOA_Y

ClientSampleId :

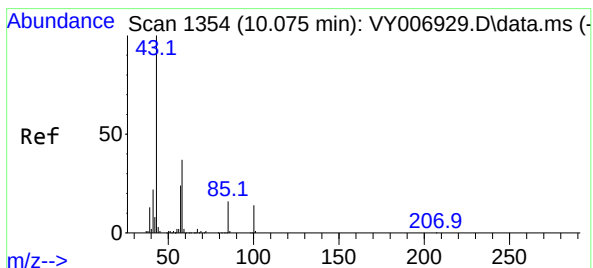
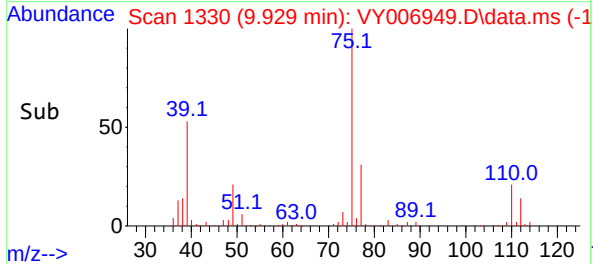
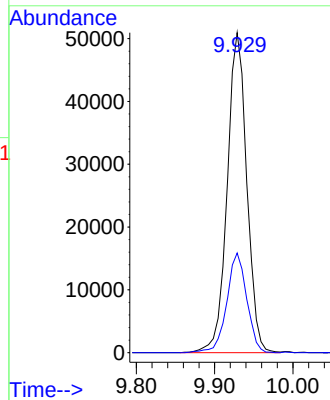
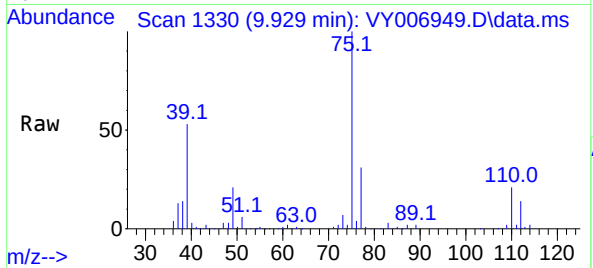
EW9K3MSD

Tgt Ion: 75 Resp: 88523

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 62.832 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

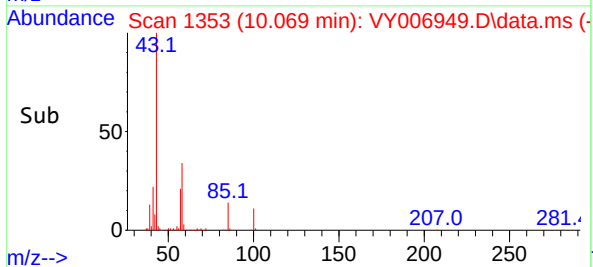
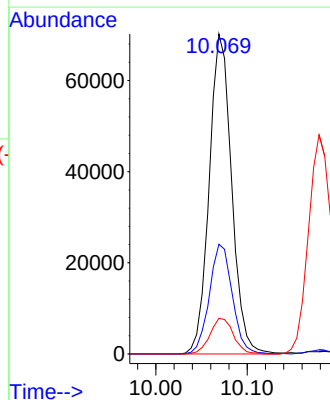
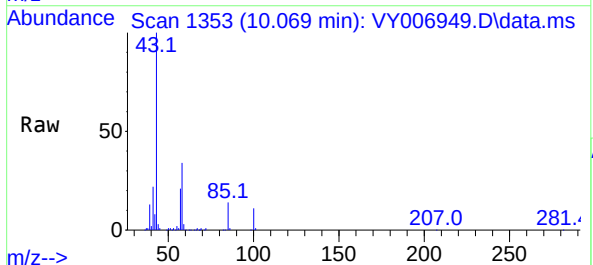
Tgt Ion: 43 Resp: 119448

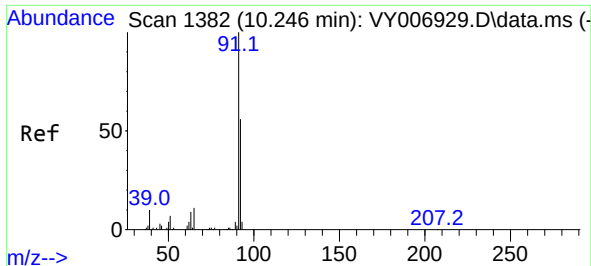
Ion Ratio Lower Upper

43 100

58 35.1 28.6 43.0

100 11.7 11.1 16.7

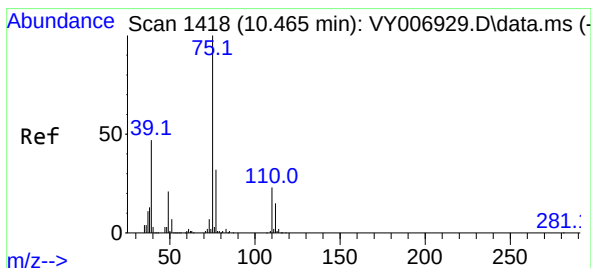
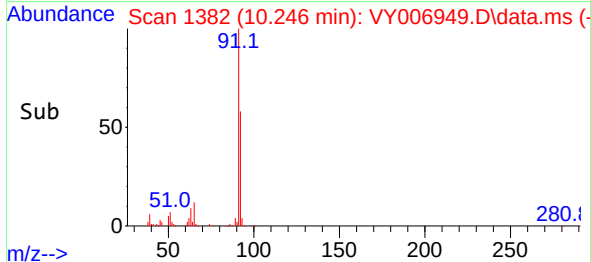
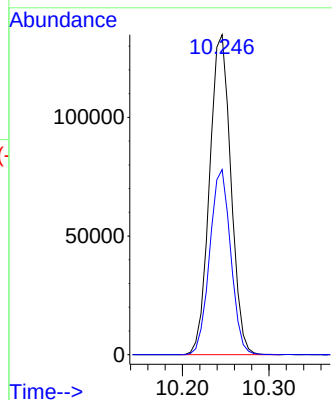
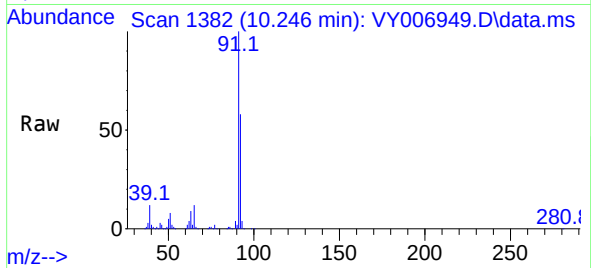




#42
Toluene
Concen: 25.437 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

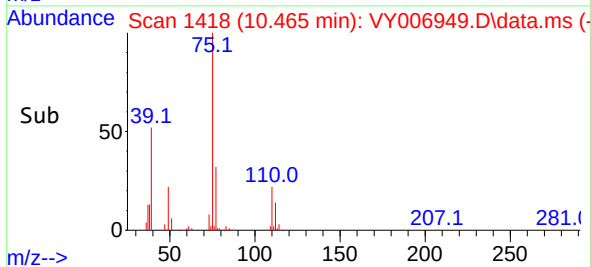
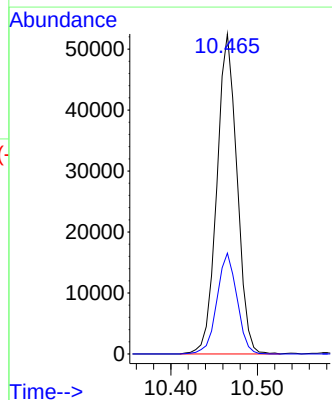
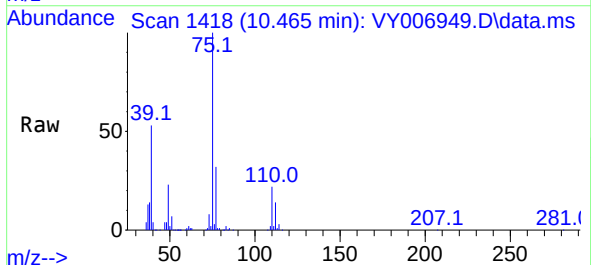
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

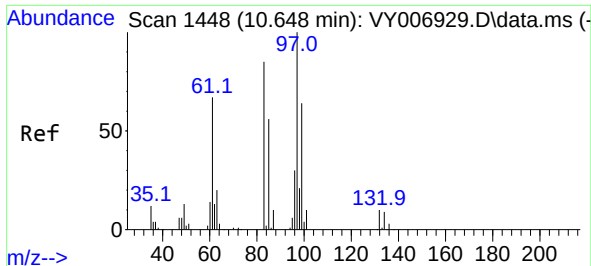
Tgt Ion: 91 Resp: 230744
Ion Ratio Lower Upper
91 100
92 57.9 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 26.519 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 75 Resp: 84792
Ion Ratio Lower Upper
75 100
77 31.5 22.6 42.0



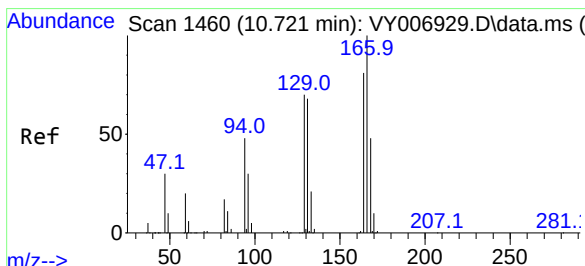
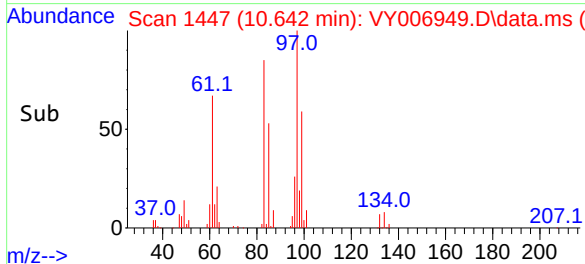
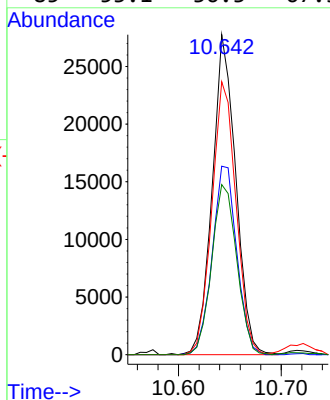
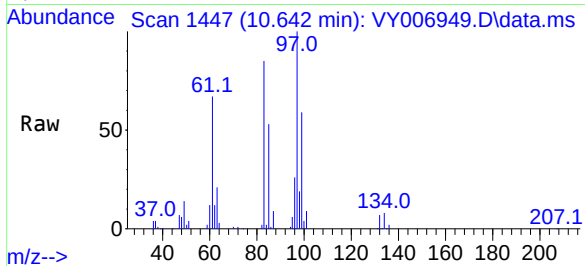


#45
1,1,2-Trichloroethane
Concen: 27.455 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

Tgt Ion: 97 Resp: 44089

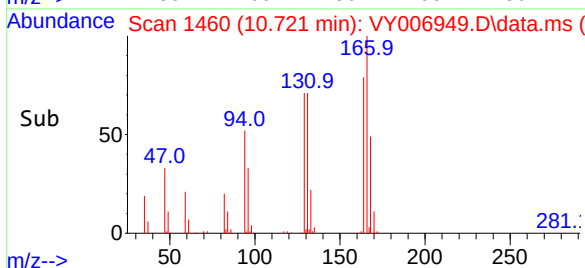
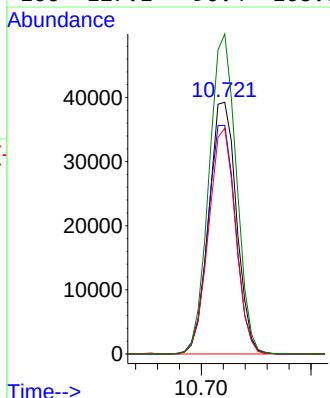
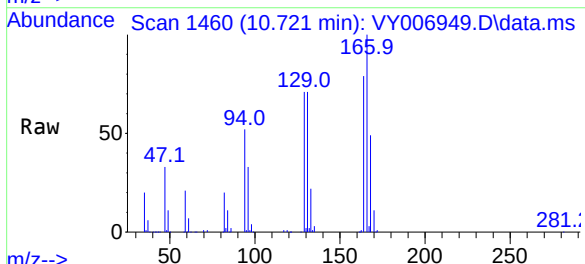
Ion	Ratio	Lower	Upper
97	100		
99	58.9	43.0	79.8
83	85.3	58.9	109.3
85	53.1	36.3	67.3

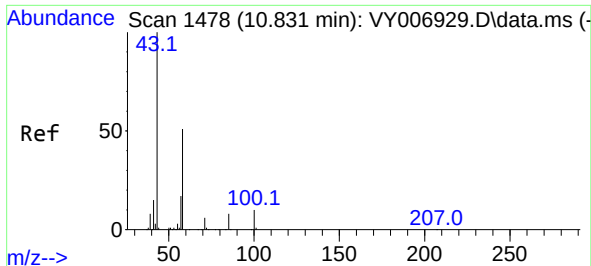


#46
Tetrachloroethene
Concen: 39.316 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 164 Resp: 68985

Ion	Ratio	Lower	Upper
164	100		
129	90.8	62.1	115.3
131	89.6	61.0	113.2
166	127.1	90.4	168.0



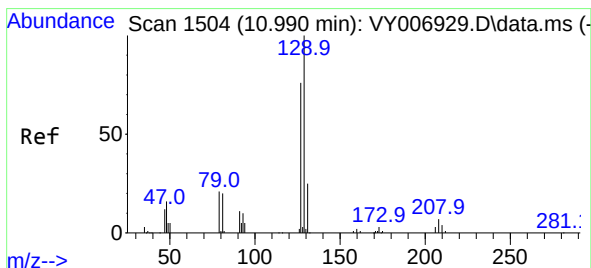
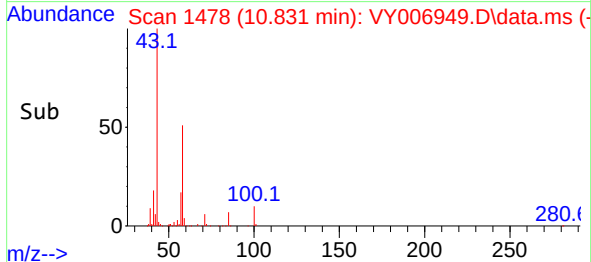
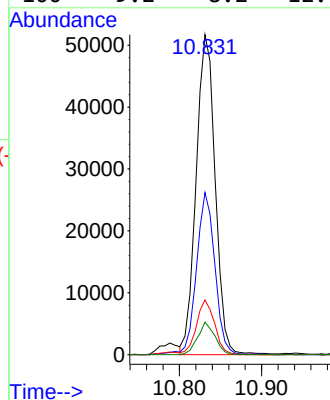
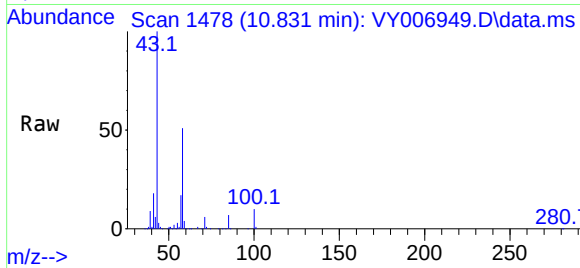


#48
2-Hexanone
Concen: 66.571 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

Tgt Ion: 43 Resp: 83516

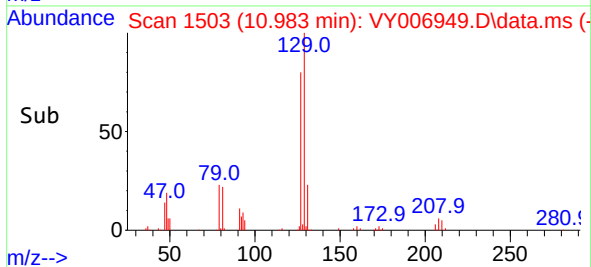
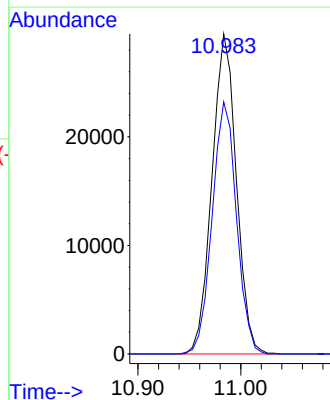
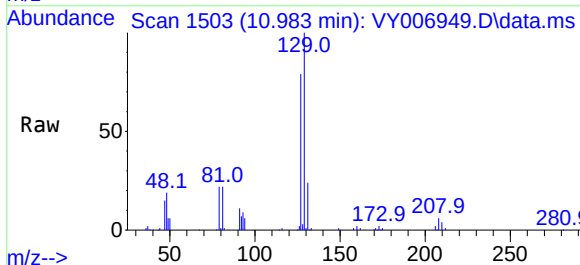
Ion	Ratio	Lower	Upper
43	100		
58	48.1	39.9	59.9
57	16.2	14.2	21.4
100	9.2	8.2	12.4

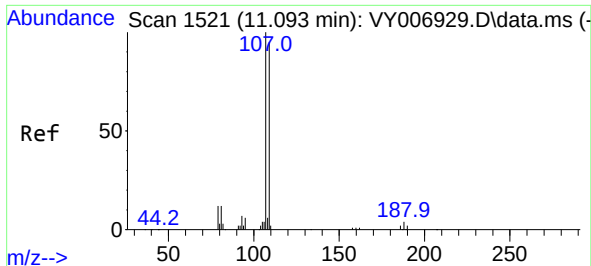


#49
Dibromochloromethane
Concen: 24.836 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 129 Resp: 48536

Ion	Ratio	Lower	Upper
129	100		
127	78.8	52.1	96.9

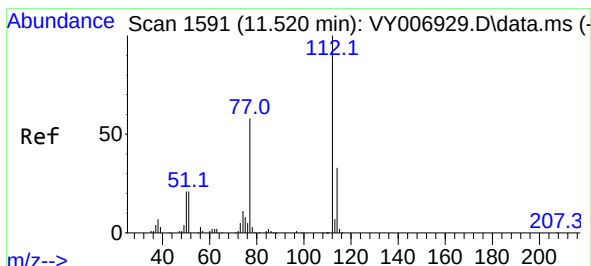
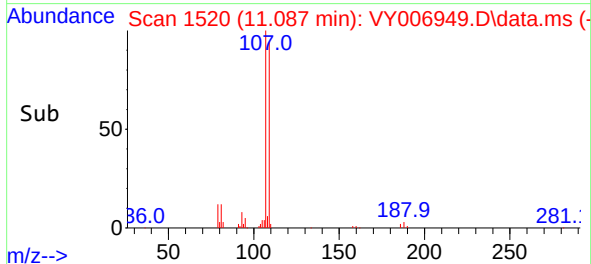
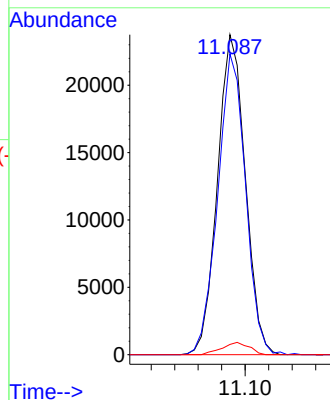
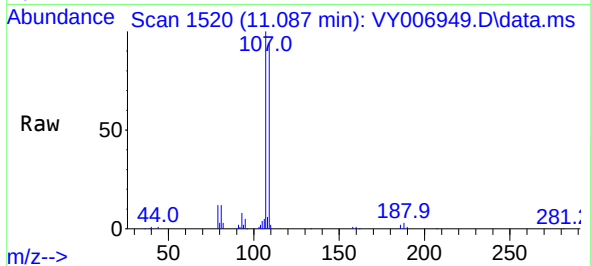




#50
1,2-Dibromoethane
Concen: 25.699 ug/L
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

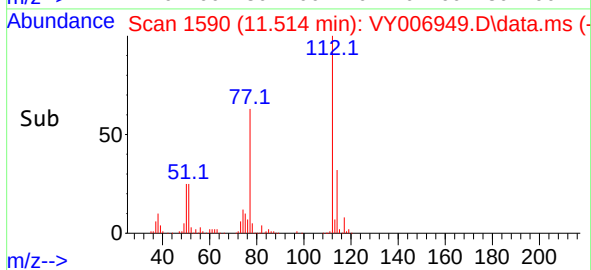
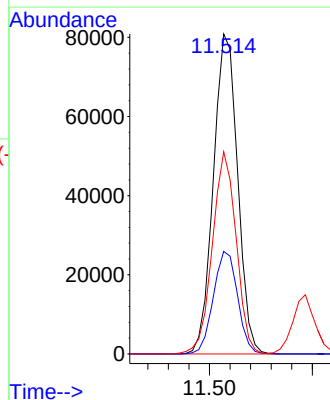
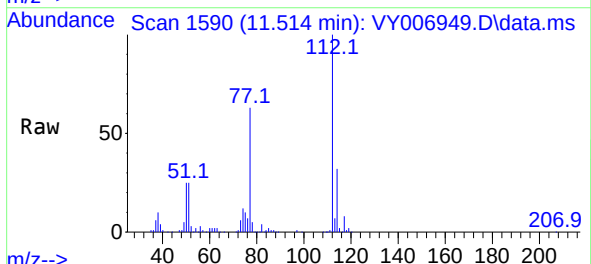
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

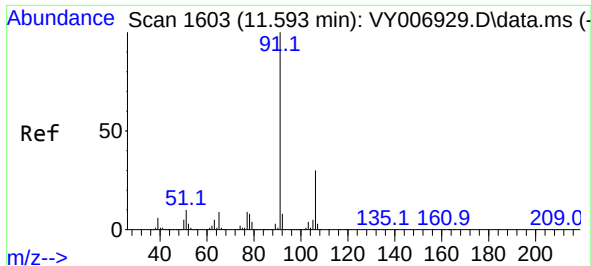
Tgt Ion:107 Resp: 39057
Ion Ratio Lower Upper
107 100
109 93.9 65.2 121.0
188 3.2 3.1 4.7



#51
Chlorobenzene
Concen: 23.908 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion:112 Resp: 132271
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 63.2 47.6 71.4

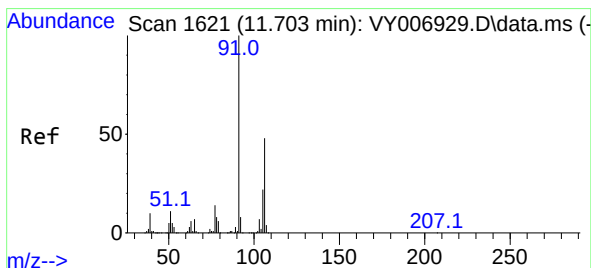
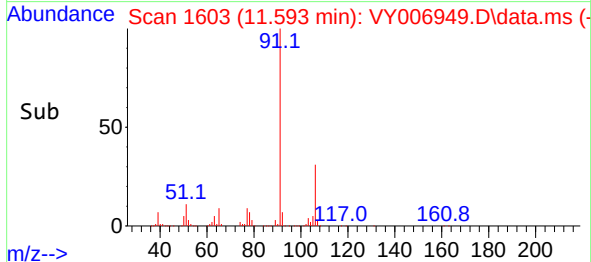
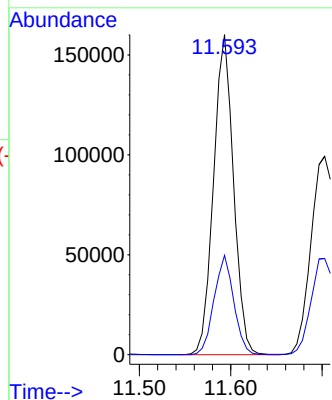
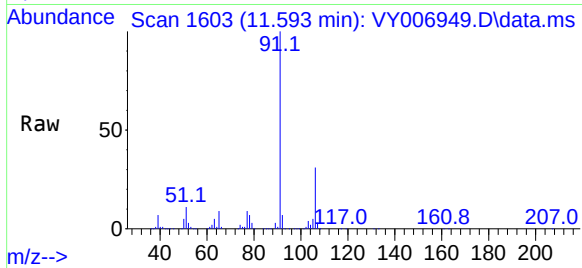




#52
Ethylbenzene
Concen: 24.947 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

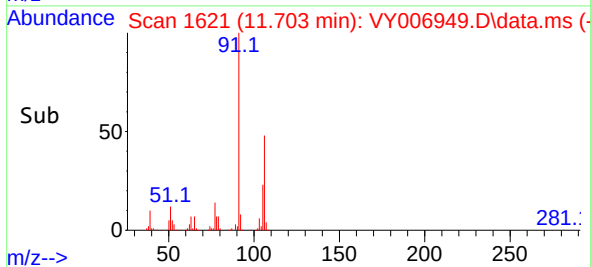
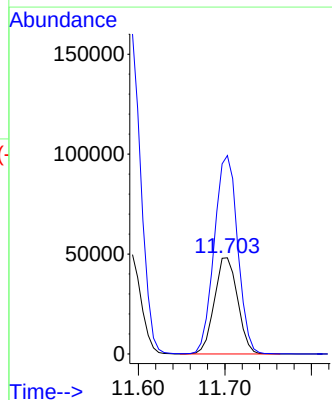
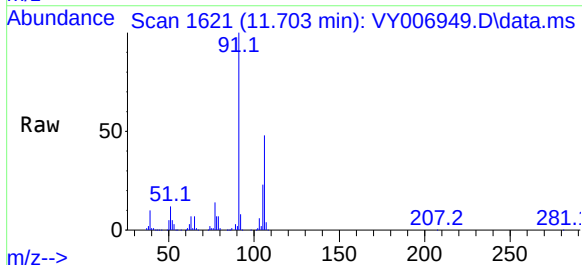
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

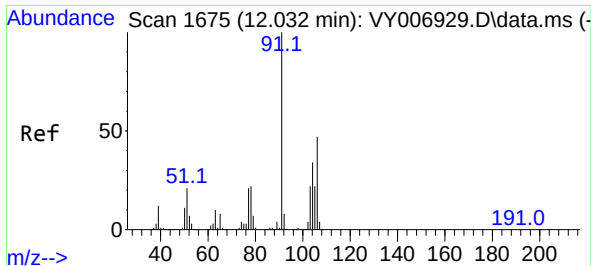
Tgt Ion: 91 Resp: 243244
Ion Ratio Lower Upper
91 100
106 31.1 21.4 39.8



#53
m,p-Xylene
Concen: 24.326 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion:106 Resp: 89724
Ion Ratio Lower Upper
106 100
91 206.2 144.7 268.7

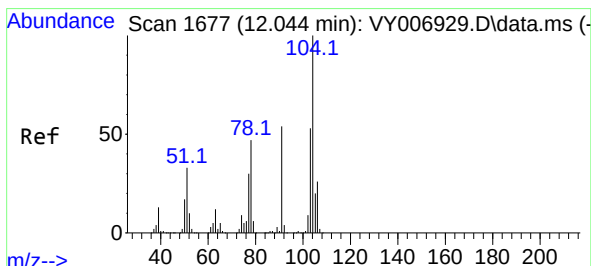
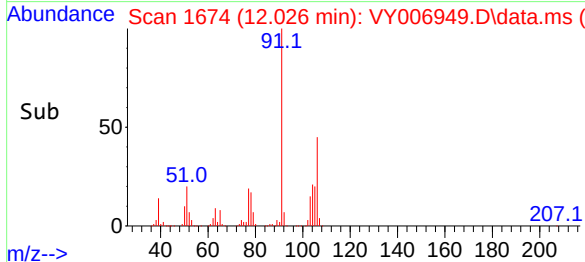
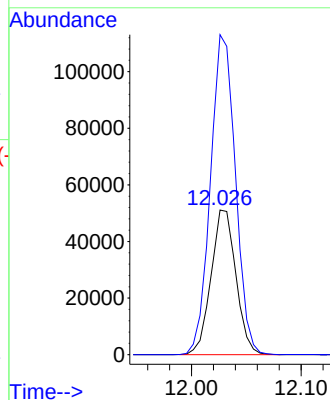
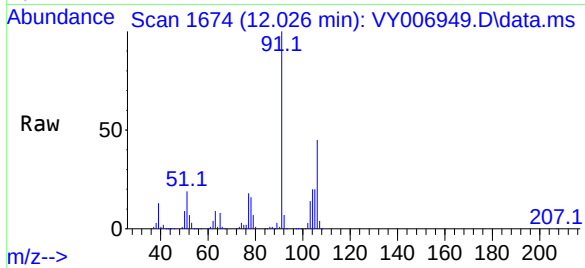




#54
o-Xylene
Concen: 23.260 ug/L
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

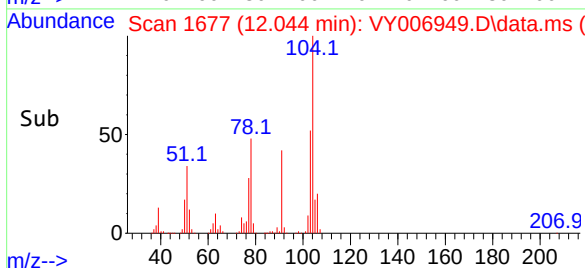
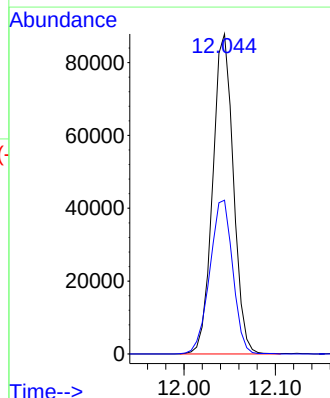
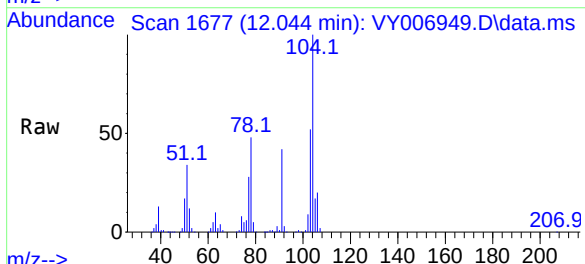
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

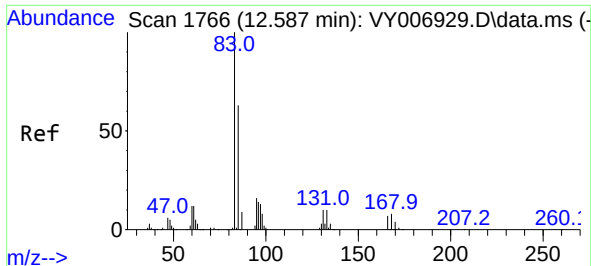
Tgt Ion:106 Resp: 80707
Ion Ratio Lower Upper
106 100
91 221.3 155.5 288.7



#55
Styrene
Concen: 22.721 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion:104 Resp: 137933
Ion Ratio Lower Upper
104 100
78 48.0 30.8 57.2





#57

1,1,2,2-Tetrachloroethane

Concen: 27.800 ug/L

RT: 12.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

Instrument :

MSVOA_Y

ClientSampleId :

EW9K3MSD

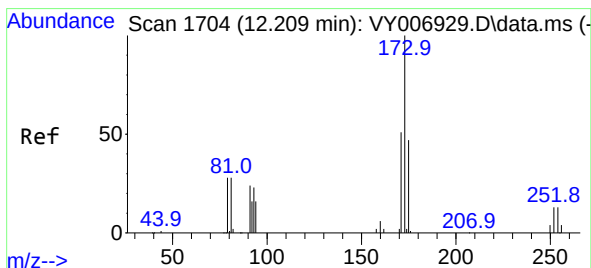
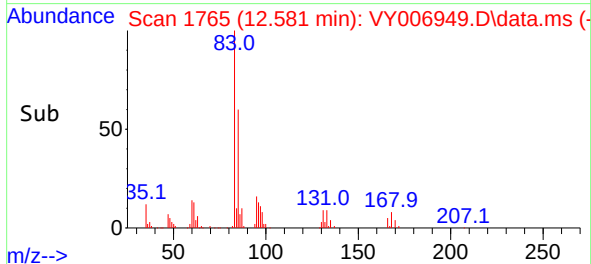
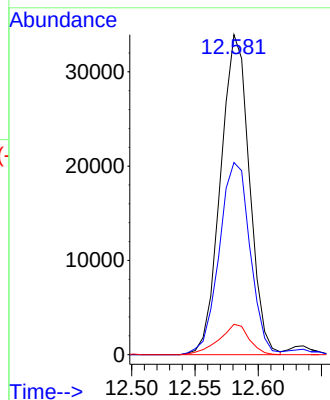
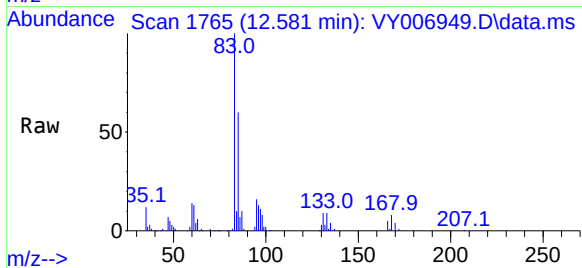
Tgt Ion: 83 Resp: 53865

Ion Ratio Lower Upper

83 100

85 60.0 45.4 84.2

131 9.5 7.8 11.8



#59

Bromoform

Concen: 28.424 ug/L

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

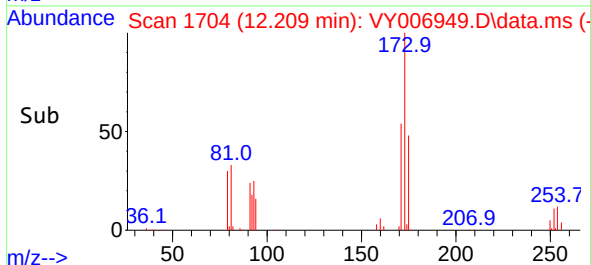
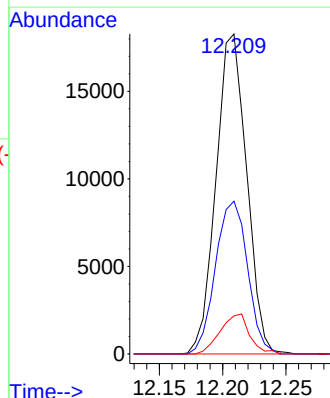
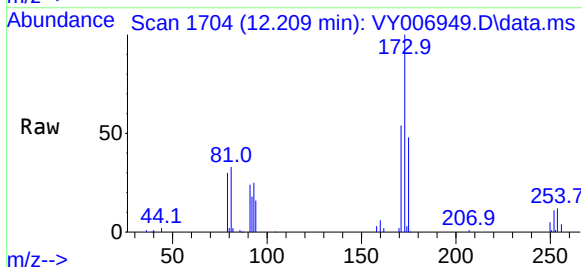
Tgt Ion: 173 Resp: 30804

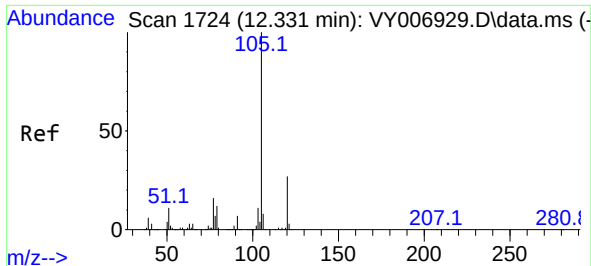
Ion Ratio Lower Upper

173 100

175 49.9 38.6 58.0

254 11.9 10.3 15.5

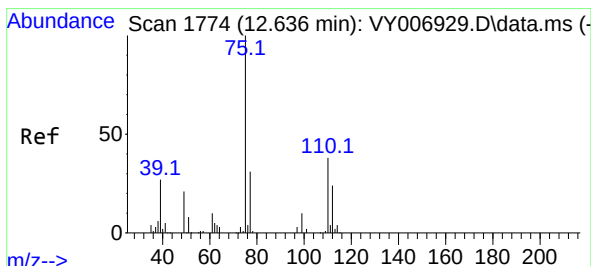
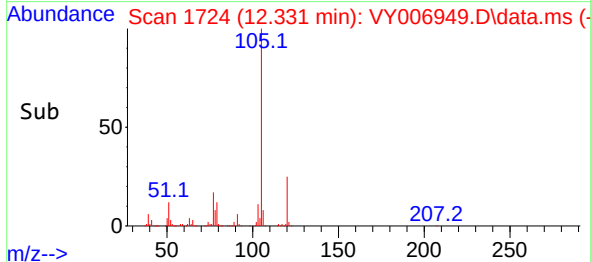
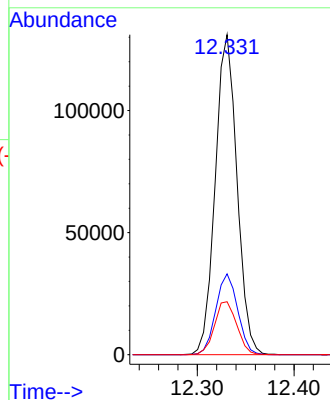
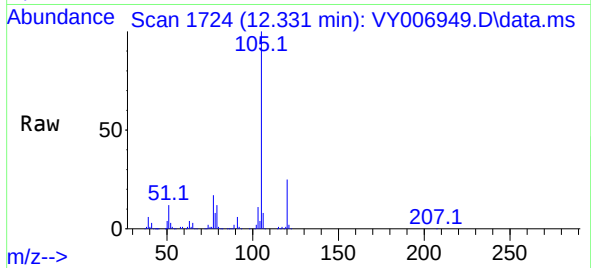




#60
Isopropylbenzene
Concen: 26.299 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

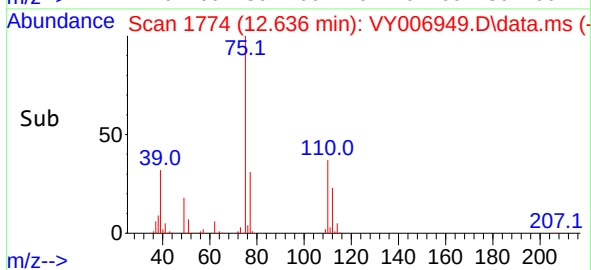
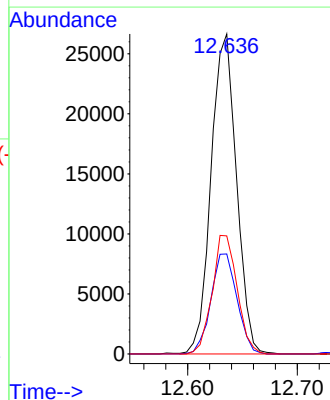
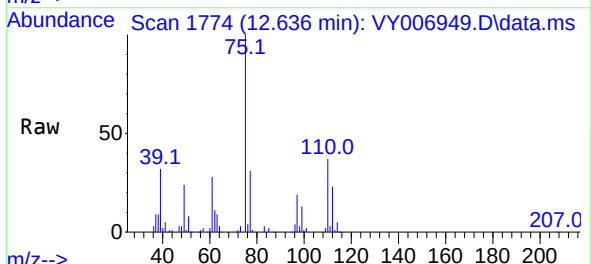
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

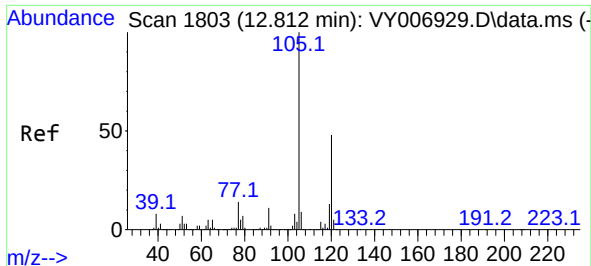
Tgt Ion:105 Resp: 204504
Ion Ratio Lower Upper
105 100
120 25.4 21.2 31.8
77 17.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 33.235 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion: 75 Resp: 42928
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 36.4 31.7 47.5

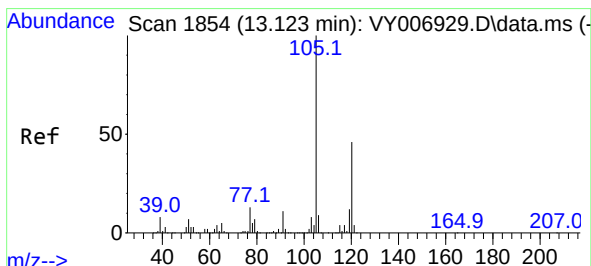
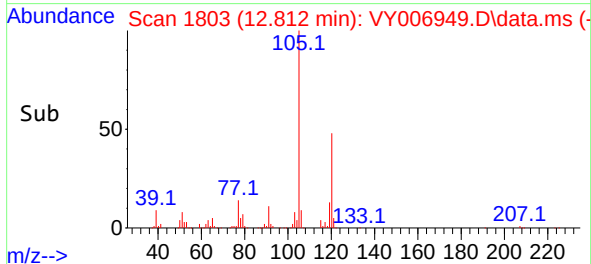
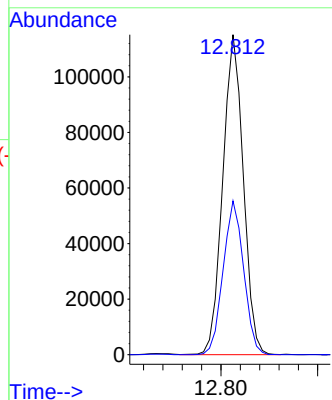
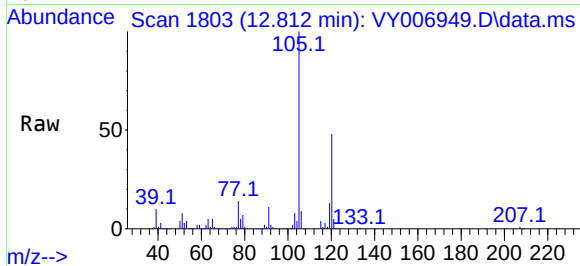




#62
1,3,5-Trimethylbenzene
Concen: 26.539 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

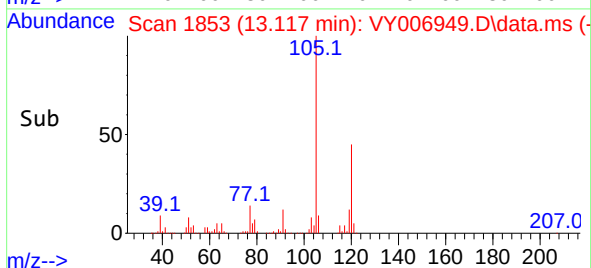
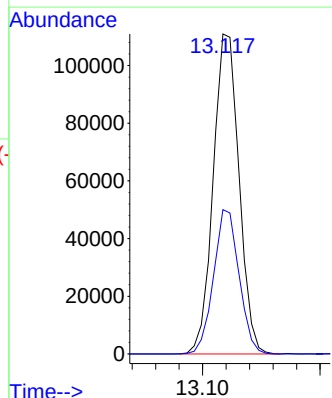
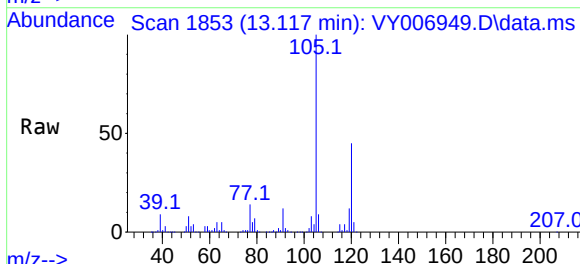
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

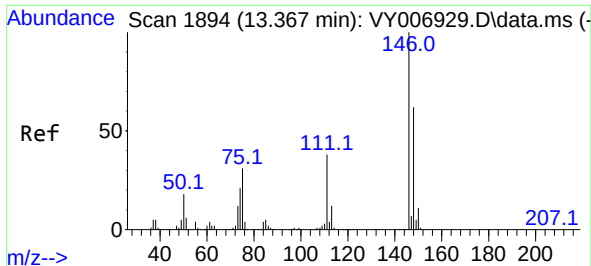
Tgt Ion:105 Resp: 169684
Ion Ratio Lower Upper
105 100
120 47.9 39.0 58.4



#63
1,2,4-Trimethylbenzene
Concen: 27.079 ug/L
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion:105 Resp: 169347
Ion Ratio Lower Upper
105 100
120 44.5 36.0 54.0

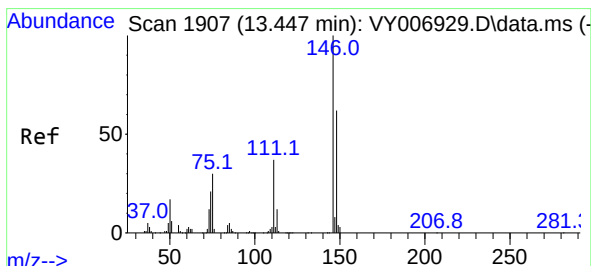
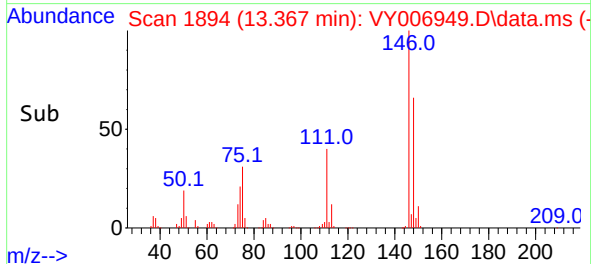
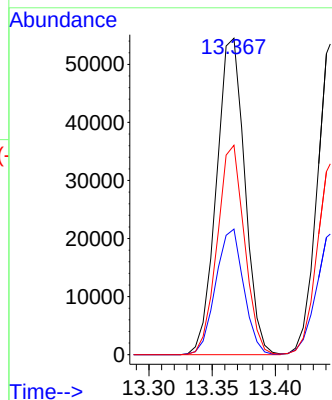
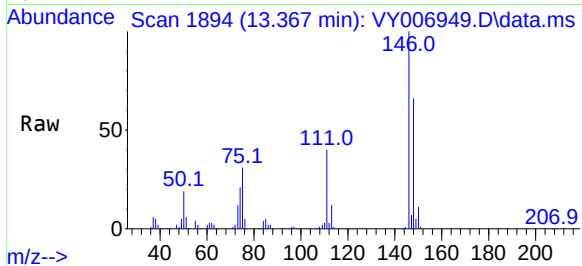




#64
1,3-Dichlorobenzene
Concen: 24.244 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

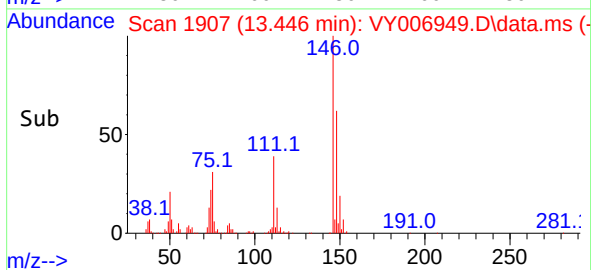
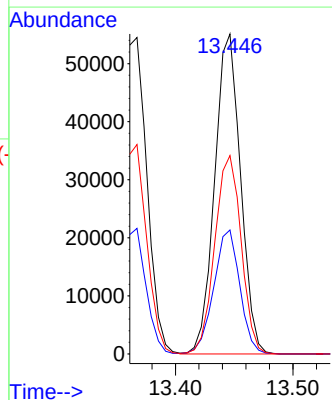
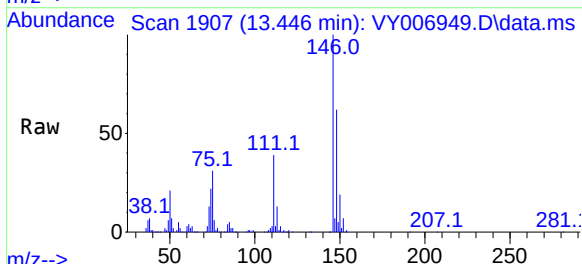
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

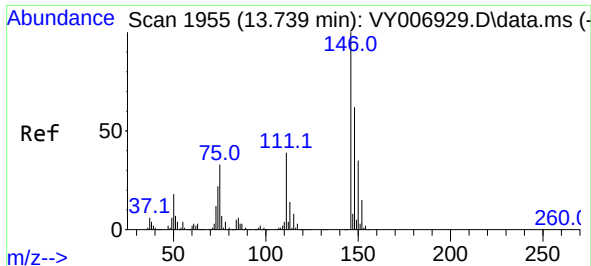
Tgt Ion:146 Resp: 84847
Ion Ratio Lower Upper
146 100
111 39.7 27.4 51.0
148 66.2 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 23.653 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion:146 Resp: 84351
Ion Ratio Lower Upper
146 100
111 38.8 25.3 46.9
148 62.0 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 22.276 ug/L

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

Instrument :

MSVOA_Y

ClientSampleId :

EW9K3MSD

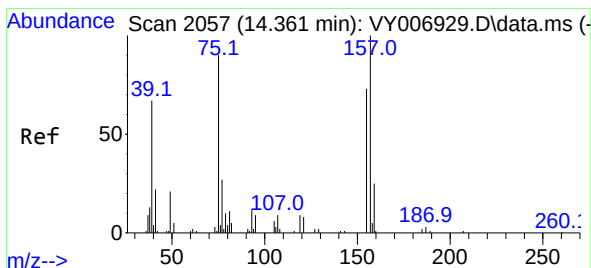
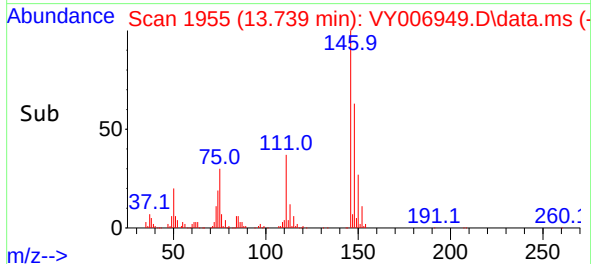
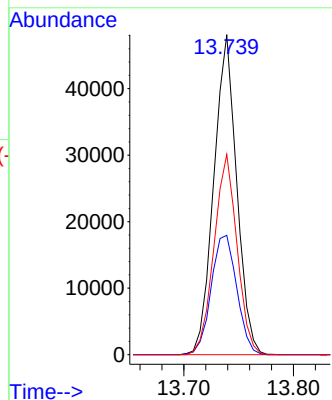
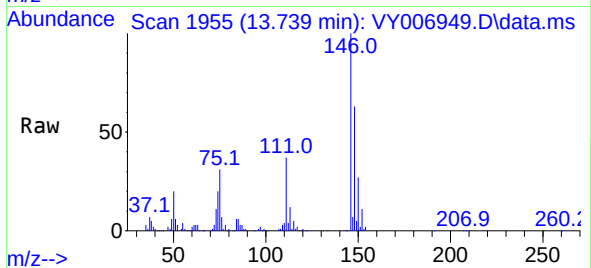
Tgt Ion:146 Resp: 69808

Ion Ratio Lower Upper

146 100

111 37.3 31.0 46.6

148 62.6 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 27.524 ug/L

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY006949.D

Acq: 04 Dec 2021 17:59

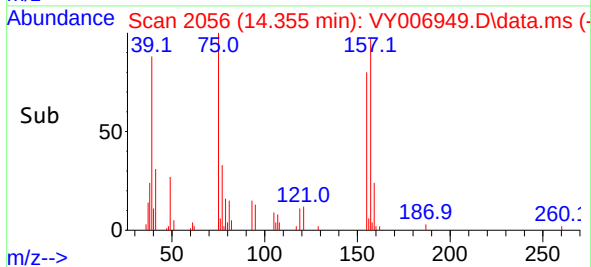
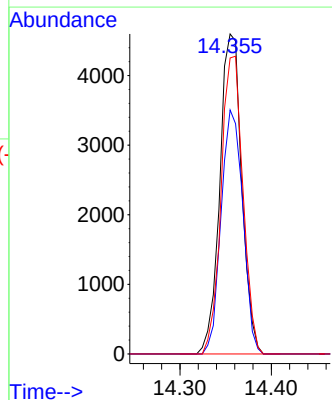
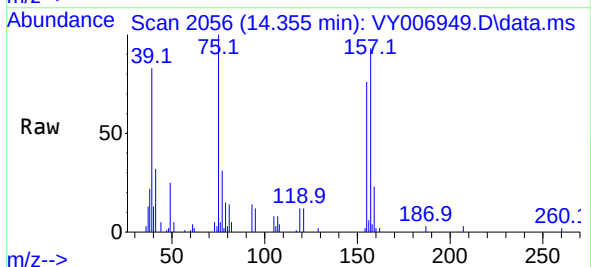
Tgt Ion: 75 Resp: 7655

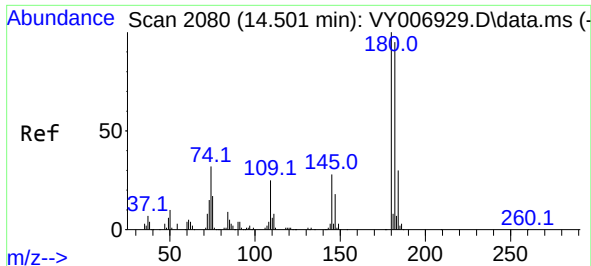
Ion Ratio Lower Upper

75 100

155 76.2 66.3 99.5

157 92.5 93.9 140.9#

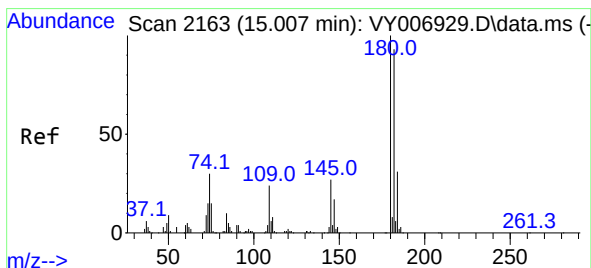
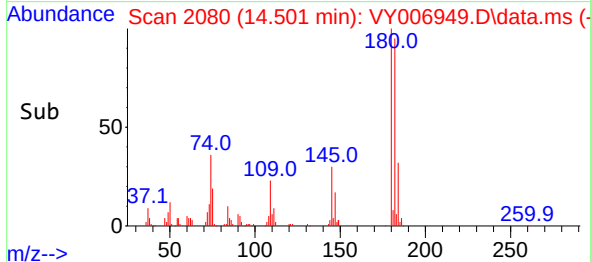
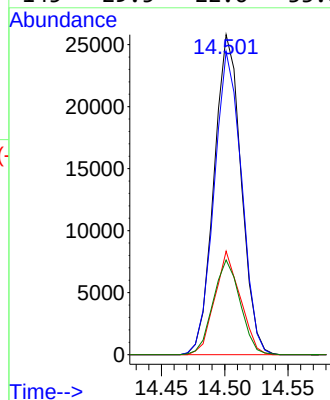
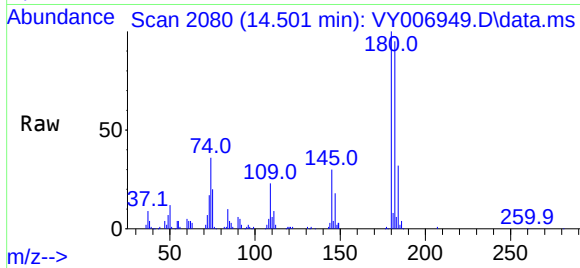




#69
1,3,5-Trichlorobenzene
Concen: 16.162 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

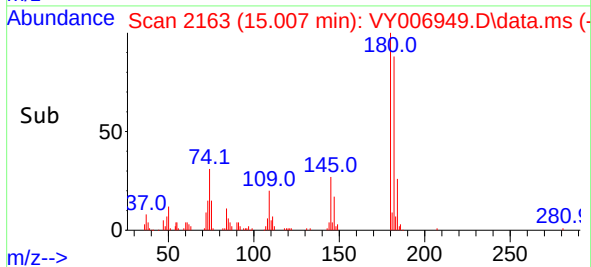
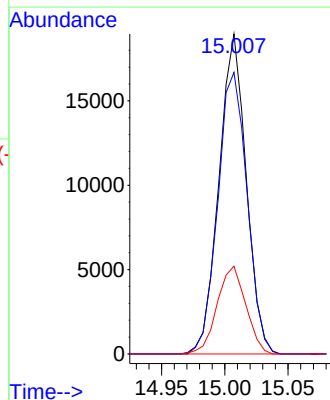
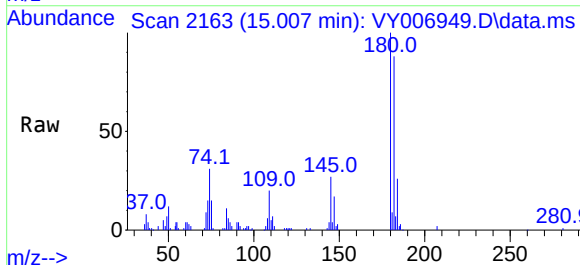
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

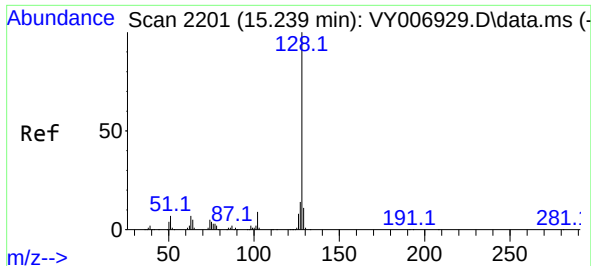
Tgt Ion:180	Resp:	38494
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.0 114.0
184	30.4	24.6 36.8
145	29.5	22.6 33.8



#70
1,2,4-trichlorobenzene
Concen: 14.815 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion:180	Resp:	28459
Ion Ratio	Lower	Upper
180	100	
182	94.3	75.6 113.4
145	28.8	23.0 34.6

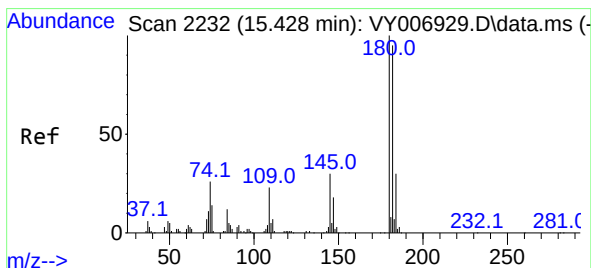
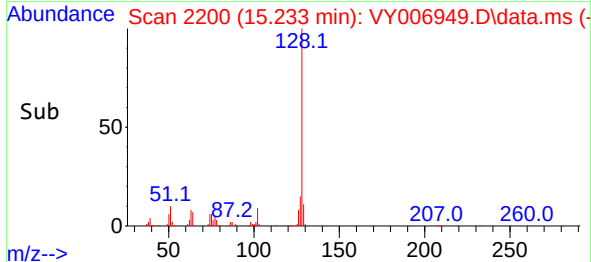
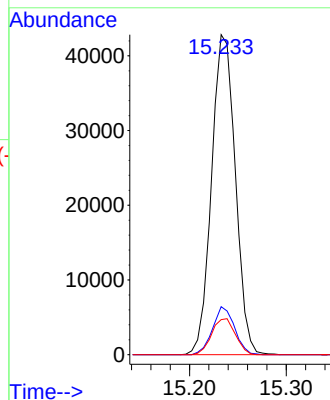
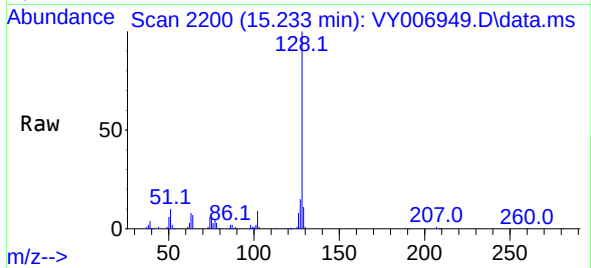




#71
Naphthalene
Concen: 18.992 ug/L
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MSD

Tgt Ion:128 Resp: 73101
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 15.055 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY006949.D
Acq: 04 Dec 2021 17:59

Tgt Ion:180 Resp: 24436
Ion Ratio Lower Upper
180 100
182 95.4 75.5 113.3
145 30.5 23.5 35.3

