

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011987.D
 Acq On : 23 Dec 2022 10:37
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:23:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	220632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	301153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104951	47.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.440%
35) Dibromofluoromethane	7.716	113	95873	47.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.000%
50) Toluene-d8	10.179	98	385457	47.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.120%
62) 4-Bromofluorobenzene	12.483	95	132470	48.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82499	47.036	ug/l	99
3) Chloromethane	2.113	50	84629	43.098	ug/l	98
4) Vinyl Chloride	2.253	62	95977	44.321	ug/l	100
5) Bromomethane	2.656	94	66388	43.091	ug/l	96
6) Chloroethane	2.796	64	60971	43.075	ug/l	98
7) Trichlorofluoromethane	3.125	101	174039	45.910	ug/l	98
8) Diethyl Ether	3.527	74	52773	45.118	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	96070	46.036	ug/l	99
10) Methyl Iodide	4.094	142	124496	43.119	ug/l	97
11) Tert butyl alcohol	4.948	59	42319	185.056	ug/l	98
12) 1,1-Dichloroethene	3.875	96	93749	44.911	ug/l	99
13) Acrolein	3.729	56	44261	213.011	ug/l	98
14) Allyl chloride	4.478	41	134051	43.608	ug/l	96
15) Acrylonitrile	5.161	53	129741	238.452	ug/l	100
16) Acetone	3.948	43	153564	231.760	ug/l	99
17) Carbon Disulfide	4.192	76	288211	43.284	ug/l	100
18) Methyl Acetate	4.478	43	70020	45.588	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	255341	47.675	ug/l	98
20) Methylene Chloride	4.710	84	113682	43.688	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	106401	44.860	ug/l	100
22) Diisopropyl ether	6.112	45	278332	45.973	ug/l	96
23) Vinyl Acetate	6.057	43	843138	242.055	ug/l	97
24) 1,1-Dichloroethane	6.015	63	176349	44.811	ug/l	99
25) 2-Butanone	6.984	43	178187	240.651	ug/l	98
26) 2,2-Dichloropropane	6.978	77	168372	43.723	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	114343	44.573	ug/l	98
28) Bromochloromethane	7.332	49	50850	47.087	ug/l	91
29) Tetrahydrofuran	7.344	42	102655	244.699	ug/l	95
30) Chloroform	7.502	83	191650	45.182	ug/l	100
31) Cyclohexane	7.783	56	159009	42.493	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	182757	45.299	ug/l	99
36) 1,1-Dichloropropene	7.917	75	146542	45.739	ug/l	99
37) Ethyl Acetate	7.069	43	69421	48.295	ug/l	98
38) Carbon Tetrachloride	7.899	117	172486	46.615	ug/l	98
39) Methylcyclohexane	9.185	83	179928	46.672	ug/l	97
40) Benzene	8.161	78	413604	45.109	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	96493	138.819	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	125066	47.382	ug/l	100
43) Isopropyl Acetate	8.270	43	126703	48.263	ug/l	98
44) Trichloroethene	8.941	130	116467	45.066	ug/l	99
45) 1,2-Dichloropropane	9.215	63	97442	45.996	ug/l	99
46) Dibromomethane	9.307	93	57491	47.113	ug/l	99
47) Bromodichloromethane	9.496	83	144323	46.618	ug/l	99
48) Methyl methacrylate	9.295	41	60409	49.698	ug/l	98
49) 1,4-Dioxane	9.295	88	15148	1039.714	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	350629	250.476	ug/l	99
52) Toluene	10.246	92	270027	46.224	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	147425	47.127	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	165084	46.949	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	82498	47.641	ug/l	98
56) Ethyl methacrylate	10.508	69	109234	49.822	ug/l	98
57) 1,3-Dichloropropane	10.788	76	139415	48.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	200042	236.450	ug/l	95
59) 2-Hexanone	10.831	43	267736	259.979	ug/l	97
60) Dibromochloromethane	10.983	129	105722	48.464	ug/l	100
61) 1,2-Dibromoethane	11.087	107	77074	47.574	ug/l	98
64) Tetrachloroethene	10.721	164	122664	46.534	ug/l	97
65) Chlorobenzene	11.520	112	283235	45.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	108462	46.620	ug/l	99
67) Ethyl Benzene	11.593	91	521454	46.134	ug/l	99
68) m/p-Xylenes	11.703	106	408253	92.874	ug/l	100
69) o-Xylene	12.032	106	191450	46.809	ug/l	100
70) Styrene	12.044	104	323159	47.057	ug/l	99
71) Bromoform	12.209	173	67355	48.859	ug/l	98
73) Isopropylbenzene	12.331	105	518562	46.458	ug/l	99
74) N-amyl acetate	12.148	43	112244	49.050	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	88437	47.493	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	124949	66.756	ug/l #	100
77) Bromobenzene	12.611	156	119824	46.401	ug/l	97
78) n-propylbenzene	12.672	91	616932	45.981	ug/l	100
79) 2-Chlorotoluene	12.757	91	342309	45.388	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	447172	46.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	33213	48.594	ug/l	99
82) 4-Chlorotoluene	12.855	91	355672	45.579	ug/l	99
83) tert-Butylbenzene	13.074	119	390310	48.191	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	435832	46.357	ug/l	99
85) sec-Butylbenzene	13.257	105	561023	46.388	ug/l	99
86) p-Isopropyltoluene	13.373	119	479366	46.975	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	238458	45.916	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	234536	45.427	ug/l	99
89) n-Butylbenzene	13.696	91	427750	46.303	ug/l	99
90) Hexachloroethane	13.965	117	89391	45.909	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	208976	46.156	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16170	50.529	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	127510	47.875	ug/l	100
94) Hexachlorobutadiene	15.117	225	79984	46.476	ug/l	99
95) Naphthalene	15.239	128	254651	46.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	110822	49.215	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
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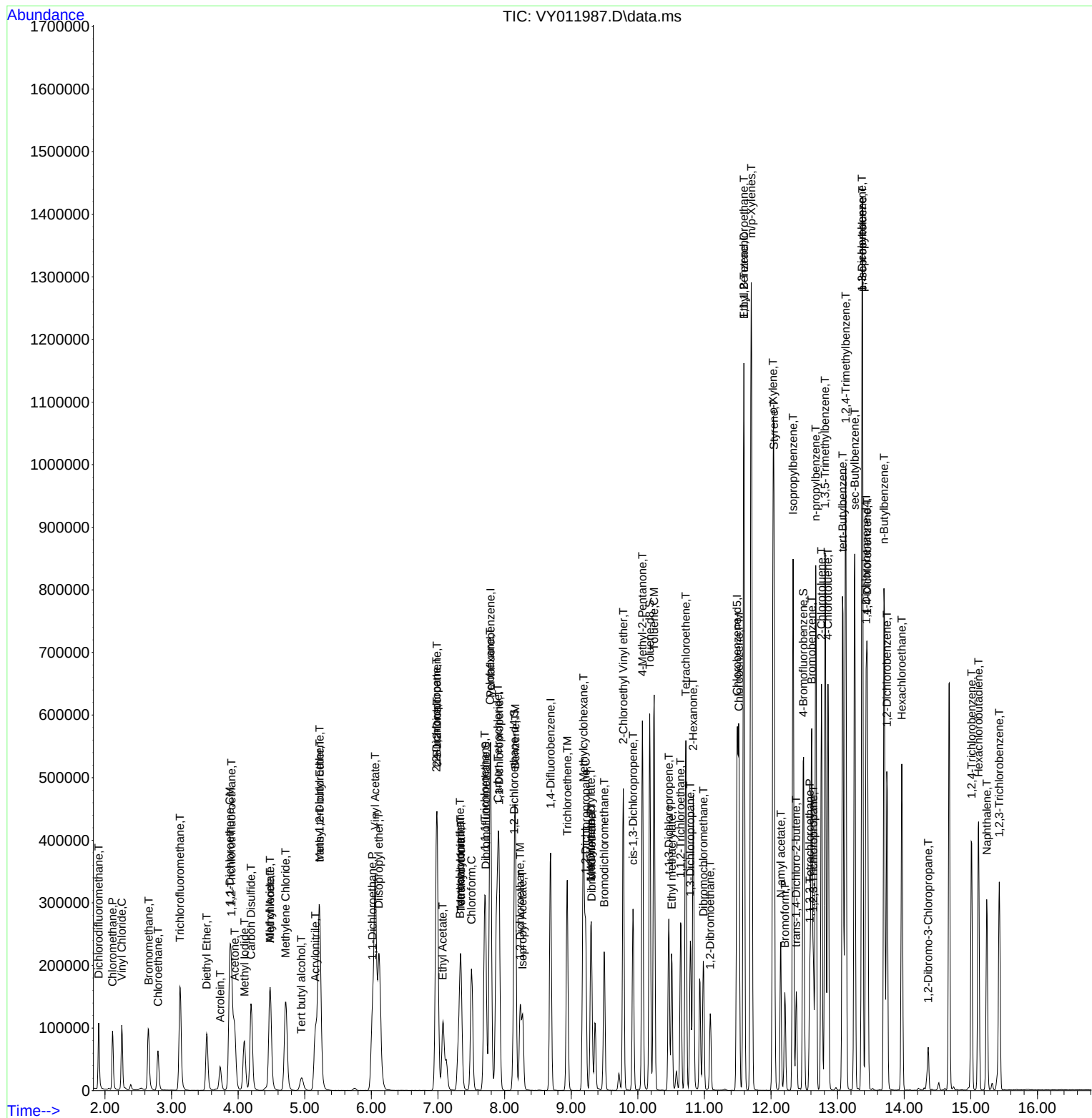
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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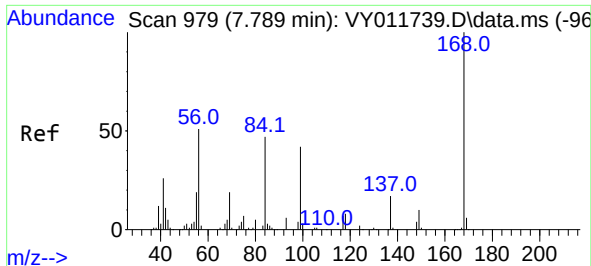
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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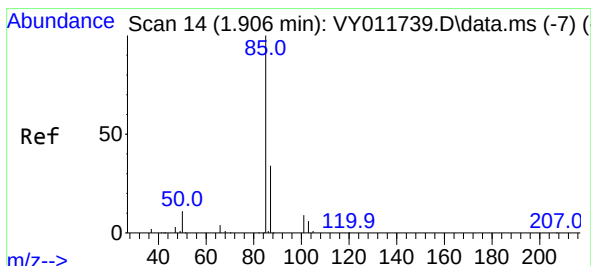
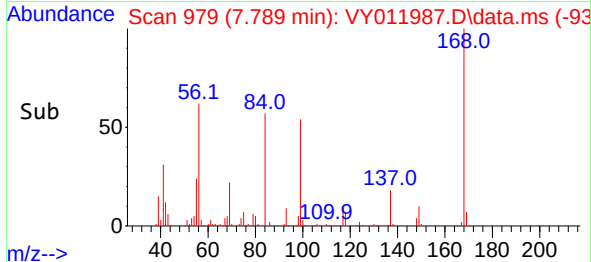
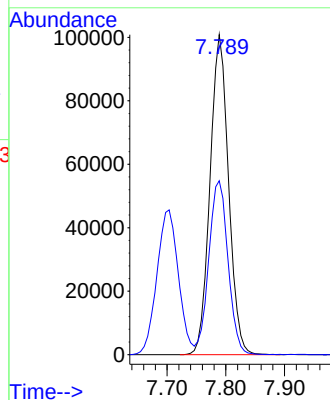
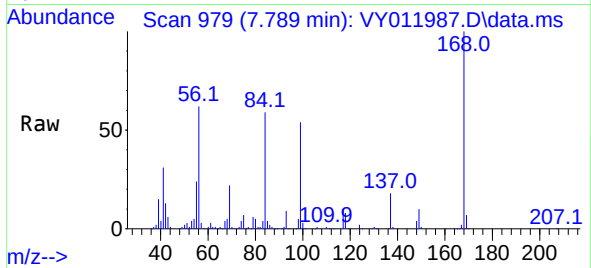




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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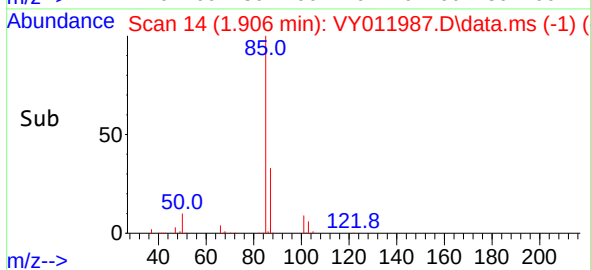
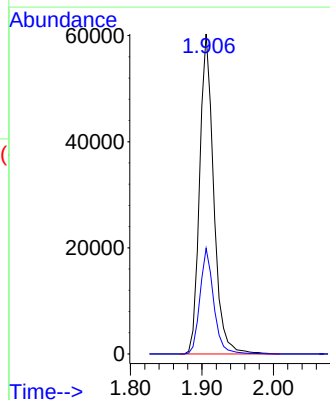
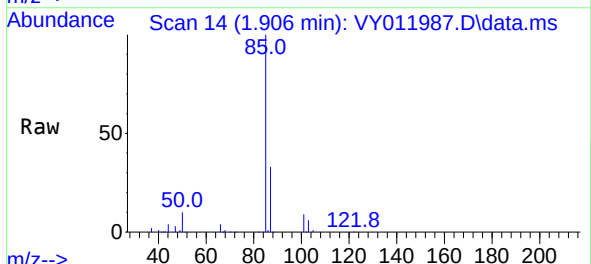
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 220632
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0

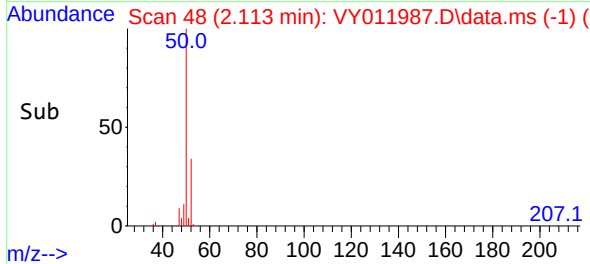
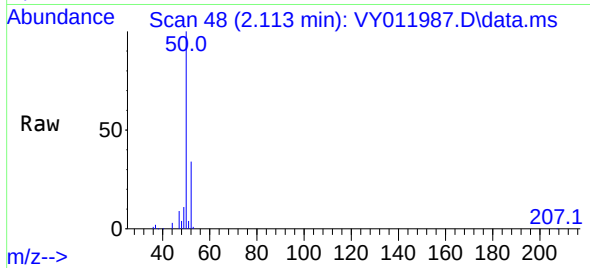
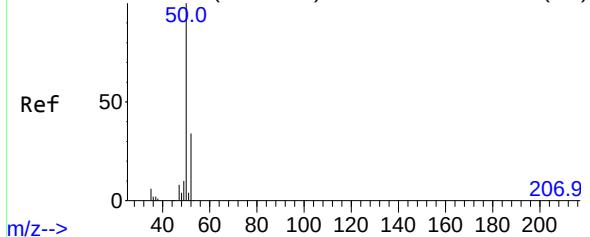


#2
Dichlorodifluoromethane
Concen: 47.036 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 85 Resp: 82499
Ion Ratio Lower Upper
85 100
87 33.0 16.8 50.4



Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



#3

Chloromethane

Concen: 43.098 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

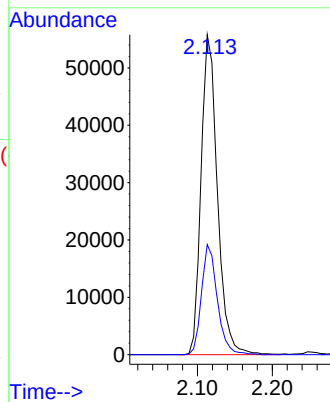
ClientSampleId :

Tgt Ion: 50 Resp: 84629

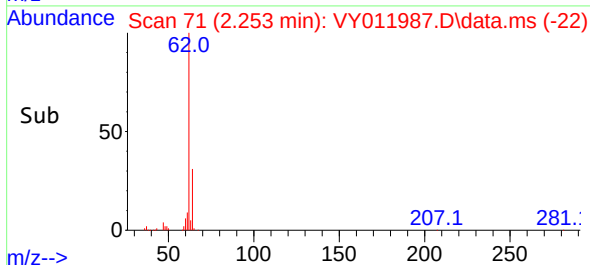
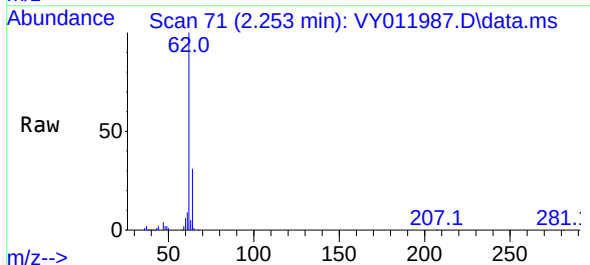
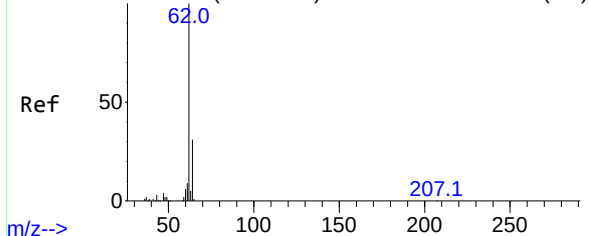
Ion Ratio Lower Upper

50 100

52 34.4 26.8 40.2



Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 44.321 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY011987.D

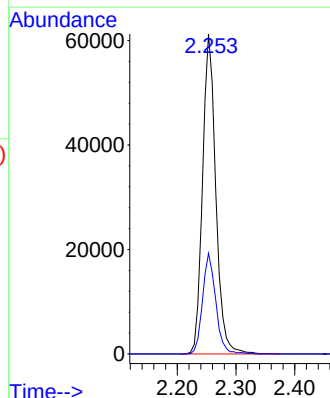
Acq: 23 Dec 2022 10:37

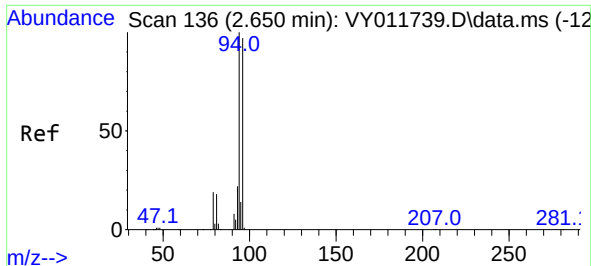
Tgt Ion: 62 Resp: 95977

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.6

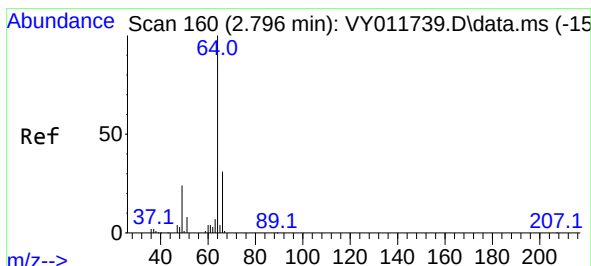
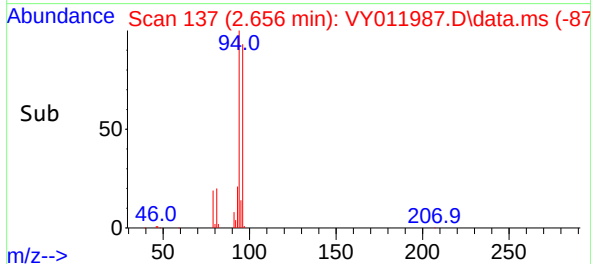
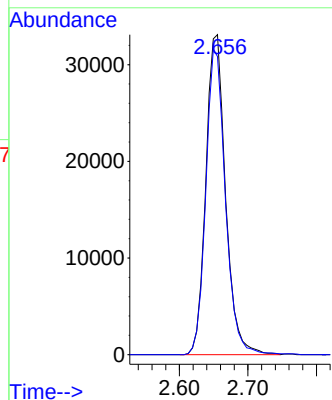
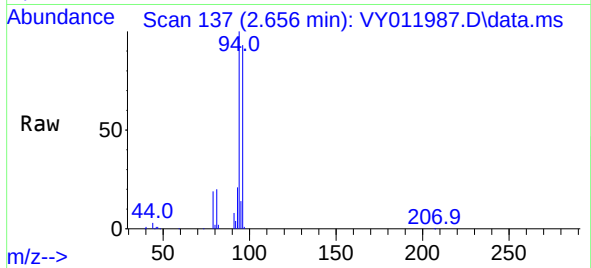




#5
Bromomethane
Concen: 43.091 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

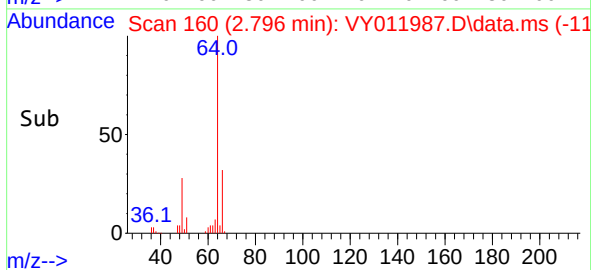
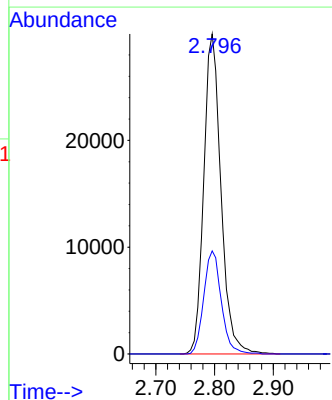
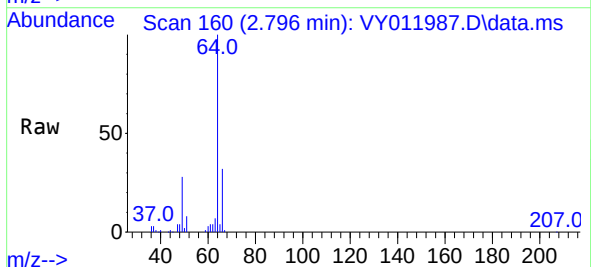
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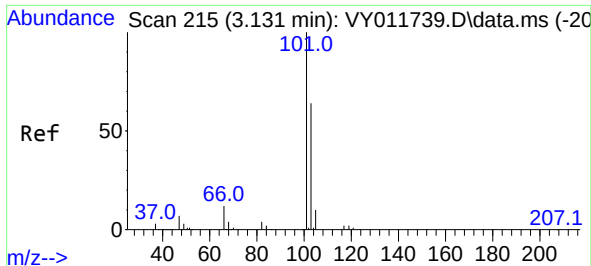
Tgt Ion: 94 Resp: 66388
Ion Ratio Lower Upper
94 100
96 93.2 77.4 116.2



#6
Chloroethane
Concen: 43.075 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 64 Resp: 60971
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.4

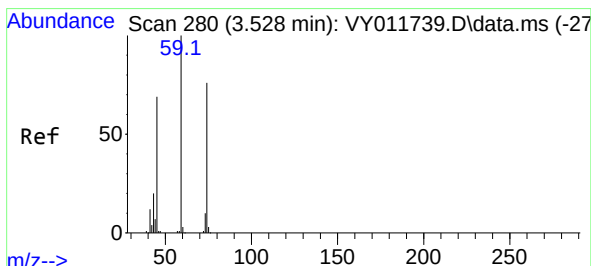
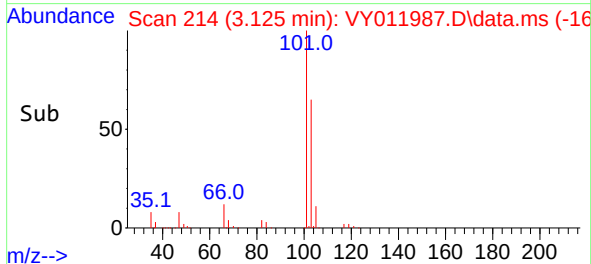
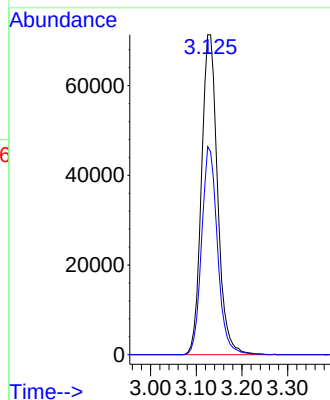
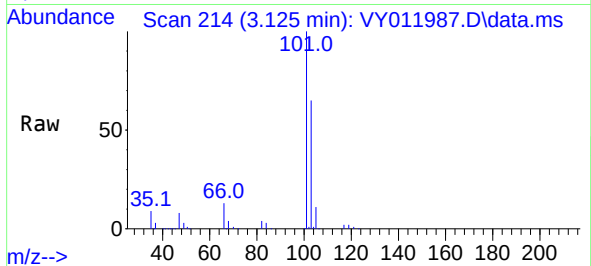




#7
Trichlorofluoromethane
Concen: 45.910 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

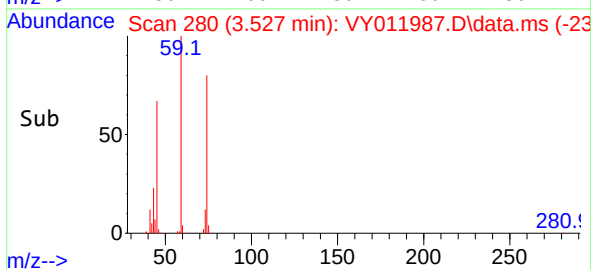
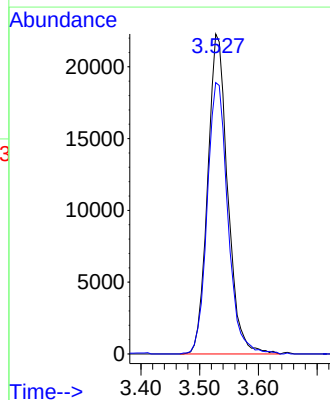
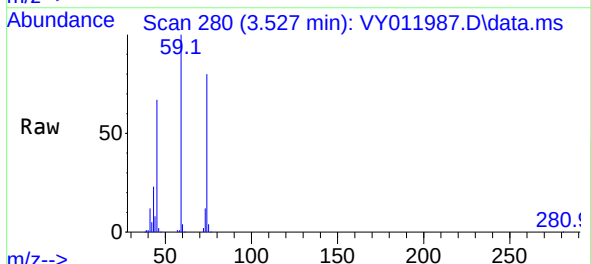
Instrument :
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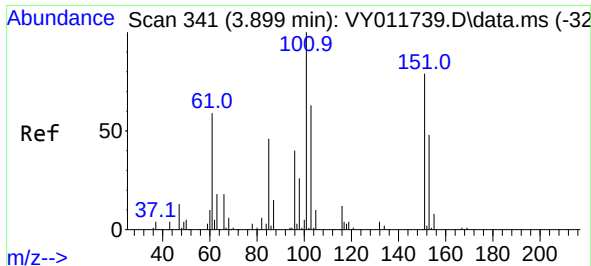
Tgt Ion:101 Resp: 174039
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.6



#8
Diethyl Ether
Concen: 45.118 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 74 Resp: 52773
Ion Ratio Lower Upper
74 100
45 87.4 46.8 140.3

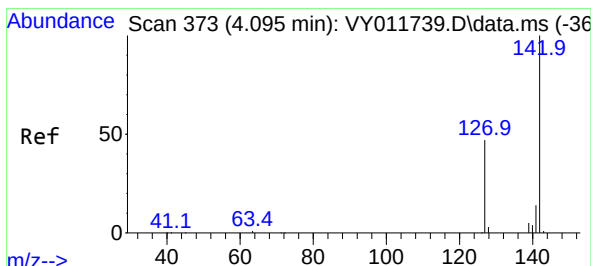
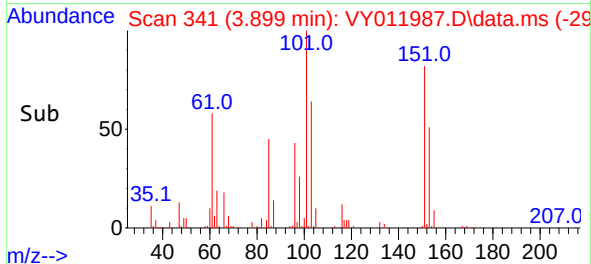
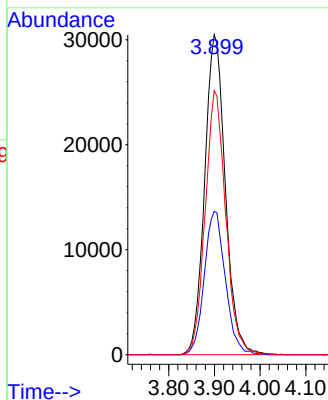
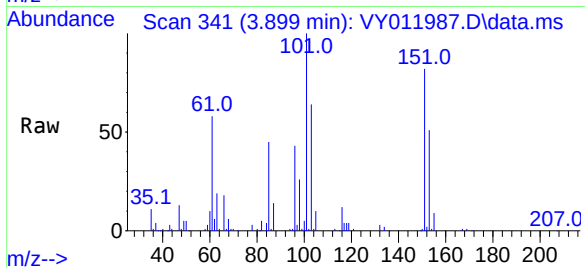




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.036 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

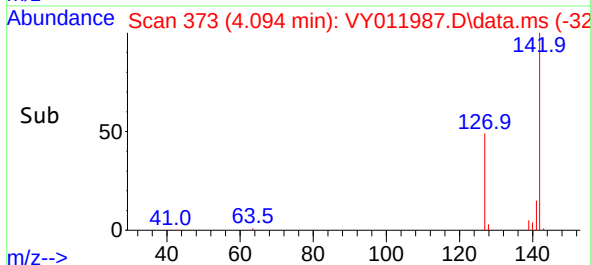
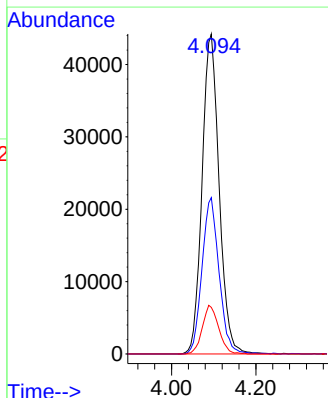
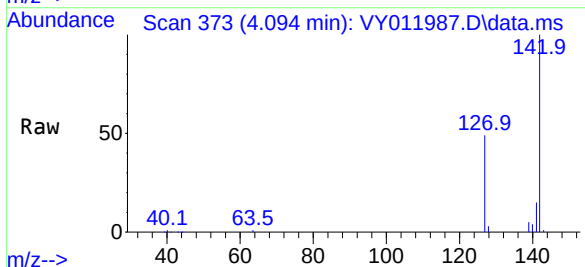
Instrument :
MSVOA_Y
ClientSampleId :

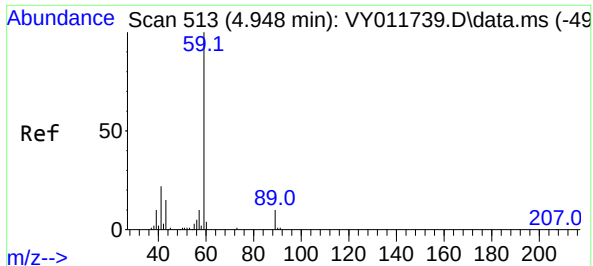
Tgt Ion:101 Resp: 96070
Ion Ratio Lower Upper
101 100
85 45.6 36.2 54.2
151 81.9 64.2 96.2



#10
Methyl Iodide
Concen: 43.119 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion:142 Resp: 124496
Ion Ratio Lower Upper
142 100
127 48.8 37.0 55.4
141 14.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 185.056 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

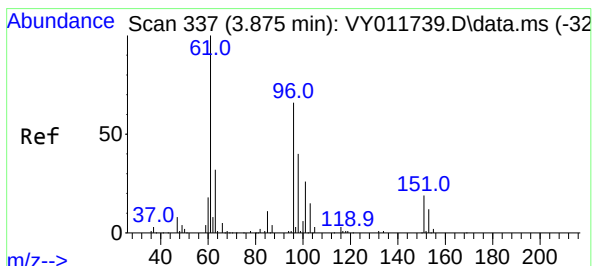
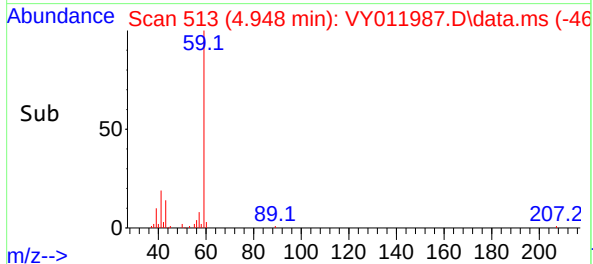
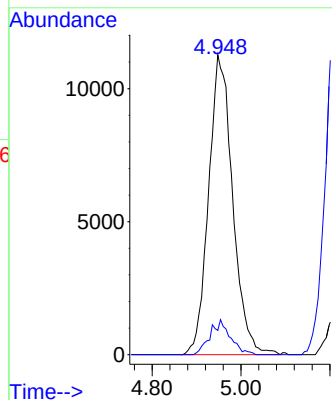
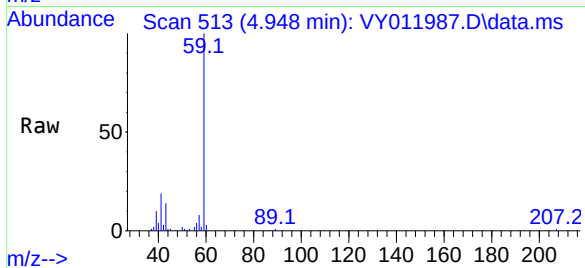
ClientSampleId :

Tgt Ion: 59 Resp: 42319

Ion Ratio Lower Upper

59 100

57 9.9 7.4 11.2



#12

1,1-Dichloroethene

Concen: 44.911 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

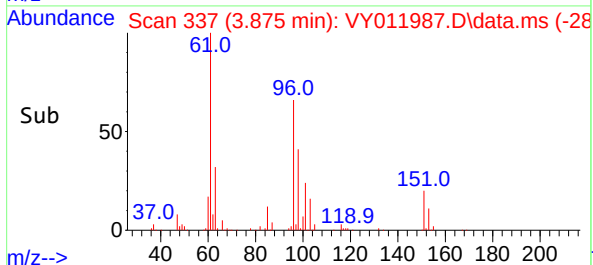
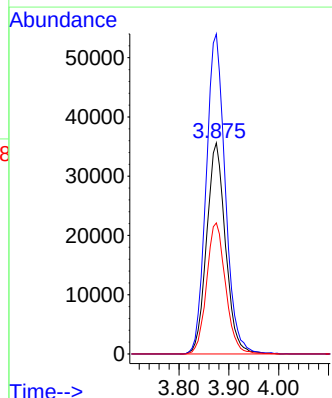
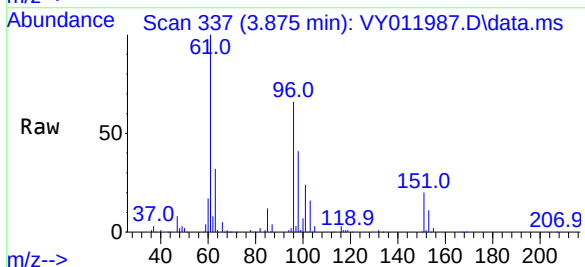
Tgt Ion: 96 Resp: 93749

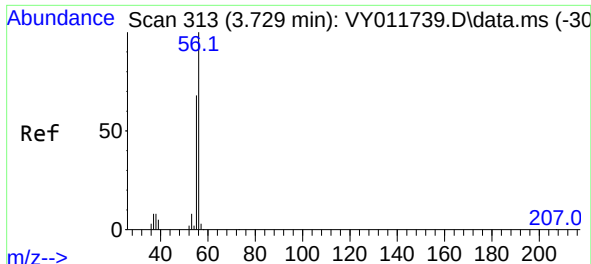
Ion Ratio Lower Upper

96 100

61 151.6 122.0 183.0

98 62.1 48.6 73.0

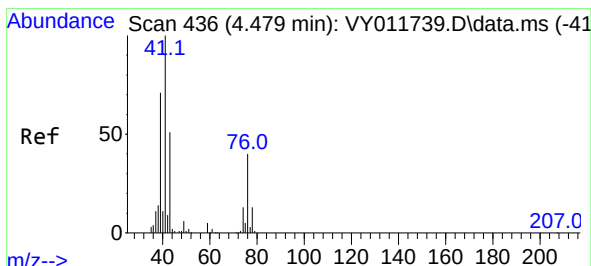
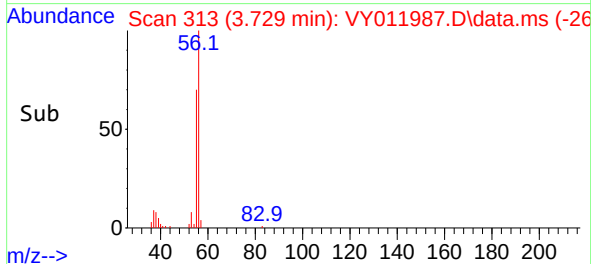
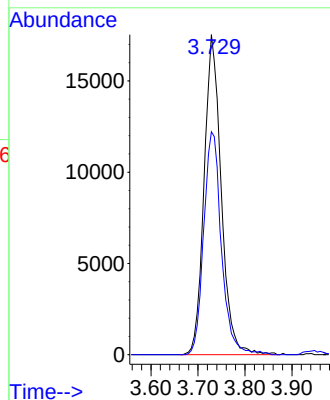
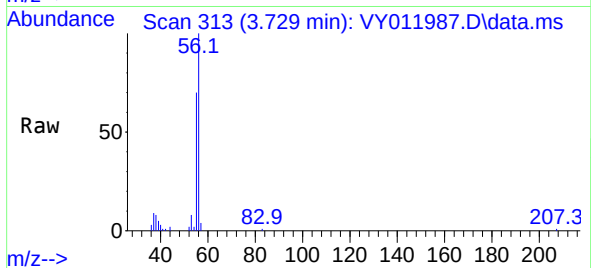




#13
Acrolein
Concen: 213.011 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

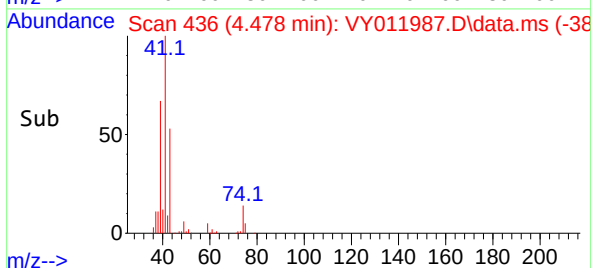
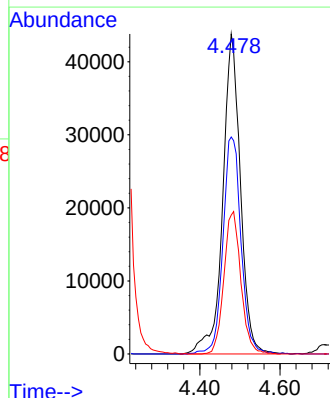
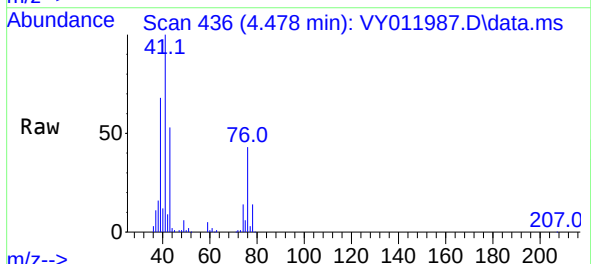
Instrument :
MSVOA_Y
ClientSampleId :

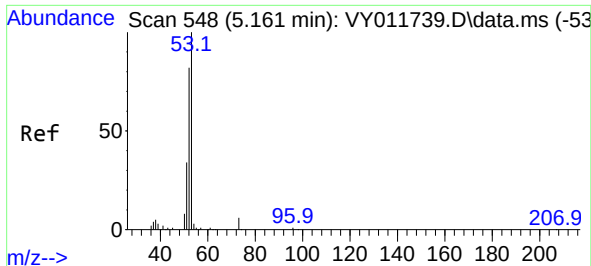
Tgt Ion: 56 Resp: 44261
Ion Ratio Lower Upper
56 100
55 72.1 56.6 85.0



#14
Allyl chloride
Concen: 43.608 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

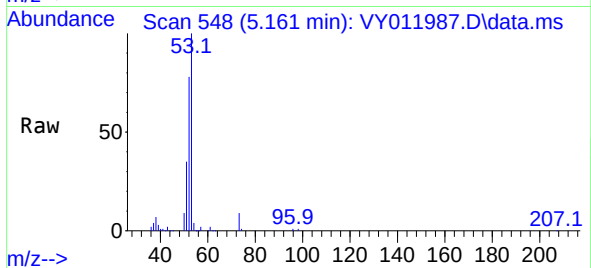
Tgt Ion: 41 Resp: 134051
Ion Ratio Lower Upper
41 100
39 69.3 53.5 80.3
76 42.7 31.1 46.7



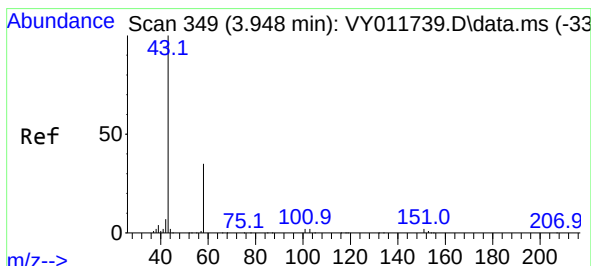
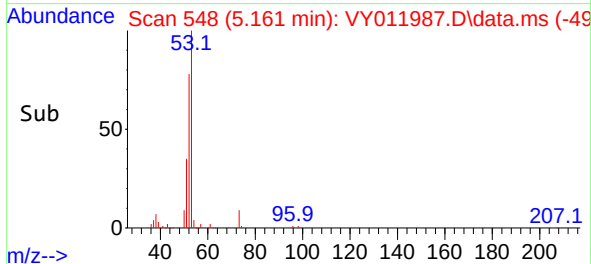
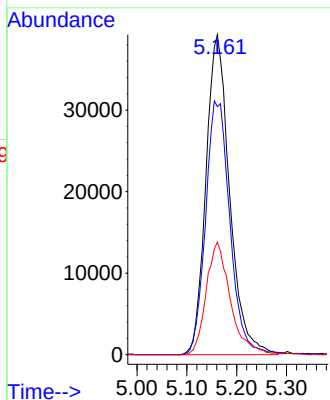


#15
Acrylonitrile
Concen: 238.452 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :

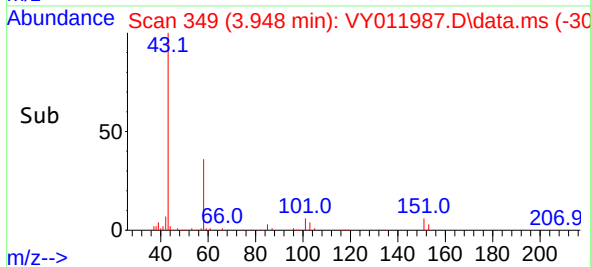
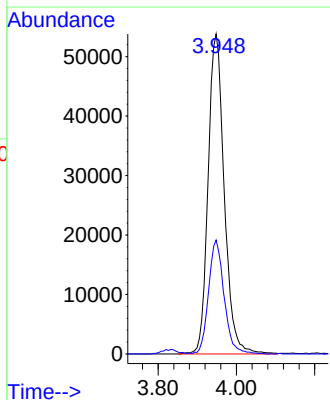
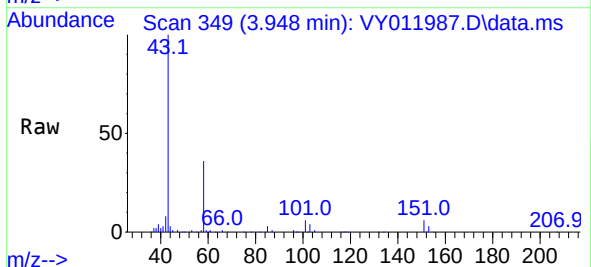


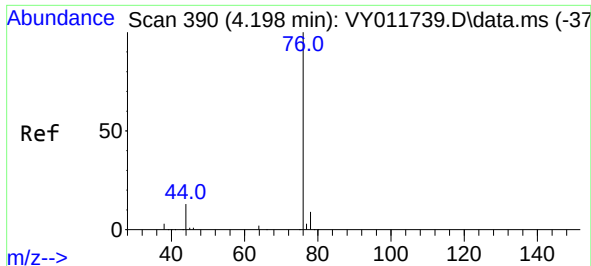
Tgt Ion: 53 Resp: 129741
Ion Ratio Lower Upper
53 100
52 81.7 65.1 97.7
51 35.9 28.7 43.1



#16
Acetone
Concen: 231.760 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 43 Resp: 153564
Ion Ratio Lower Upper
43 100
58 35.5 27.9 41.9

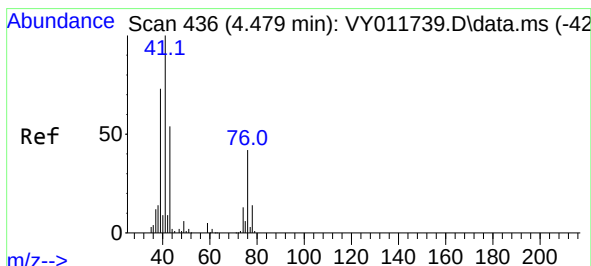
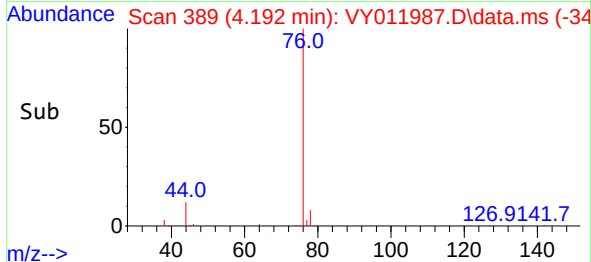
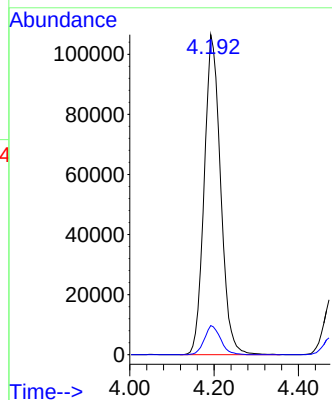
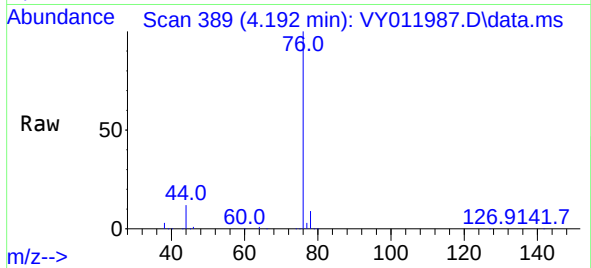




#17
Carbon Disulfide
Concen: 43.284 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

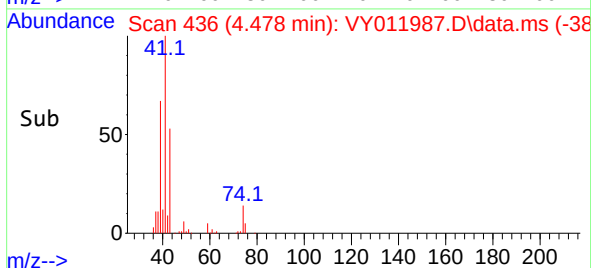
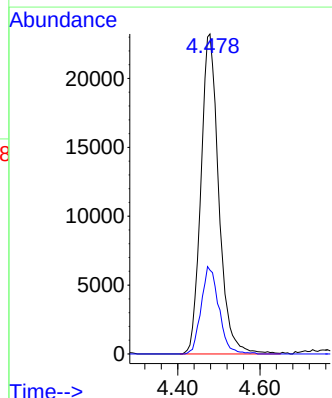
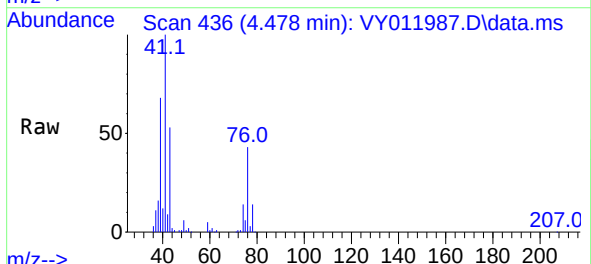
Instrument :
MSVOA_Y
ClientSampleId :

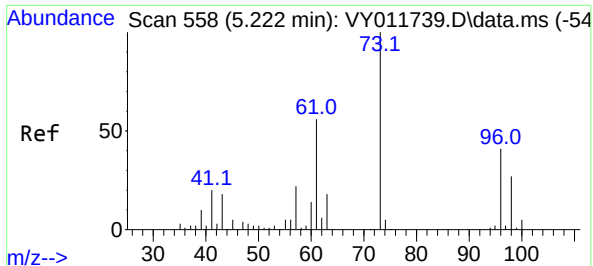
Tgt Ion: 76 Resp: 288211
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 45.588 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 43 Resp: 70020
Ion Ratio Lower Upper
43 100
74 27.0 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 47.675 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

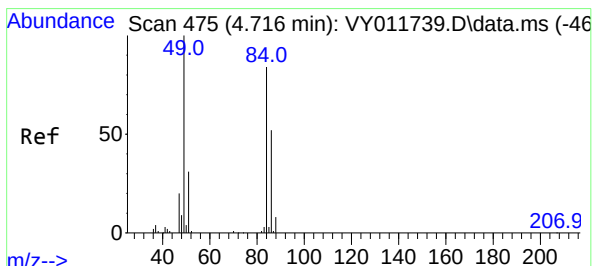
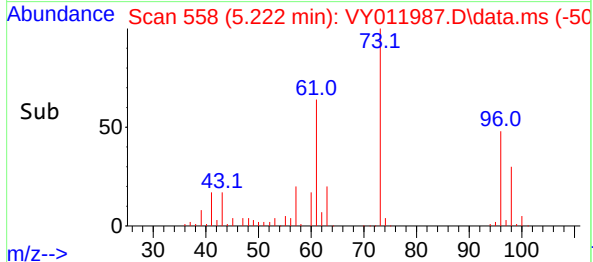
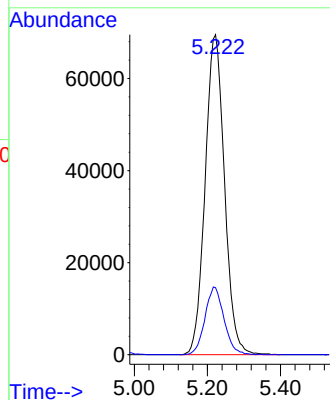
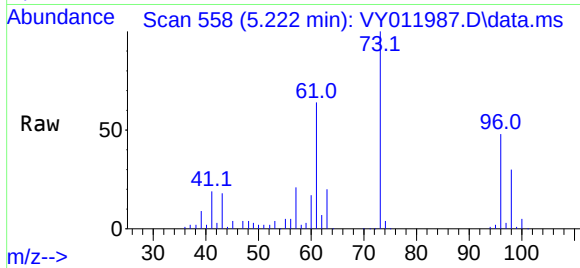
ClientSampleId :

Tgt Ion: 73 Resp: 255341

Ion Ratio Lower Upper

73 100

57 21.0 17.4 26.0



#20

Methylene Chloride

Concen: 43.688 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Tgt Ion: 84 Resp: 113682

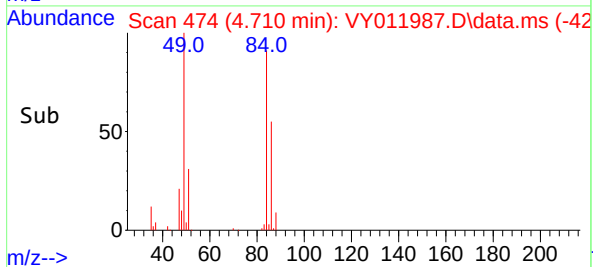
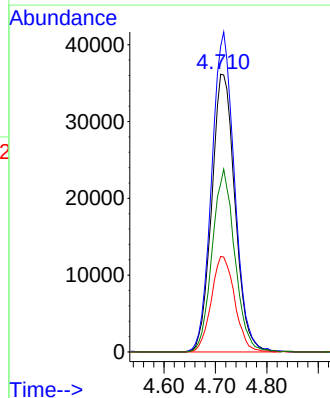
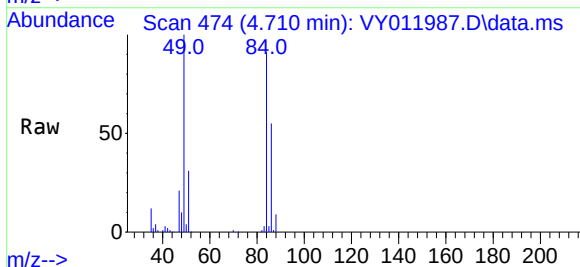
Ion Ratio Lower Upper

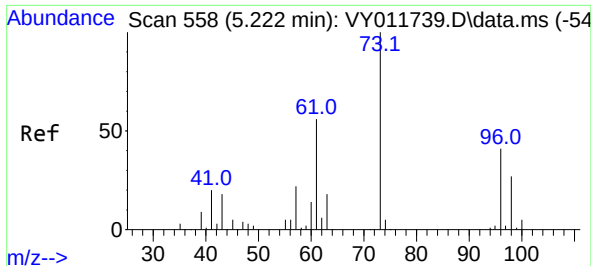
84 100

49 110.1 95.4 143.2

51 34.4 29.9 44.9

86 60.6 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 44.860 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

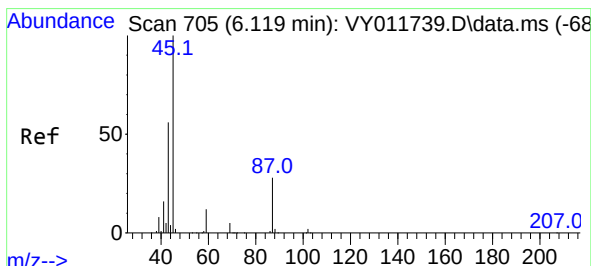
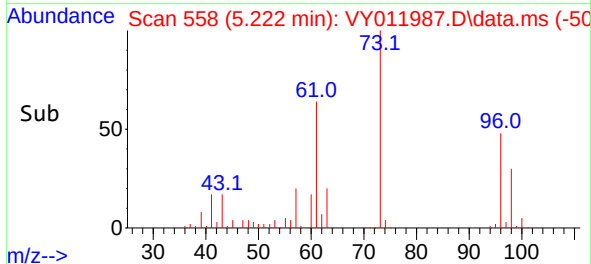
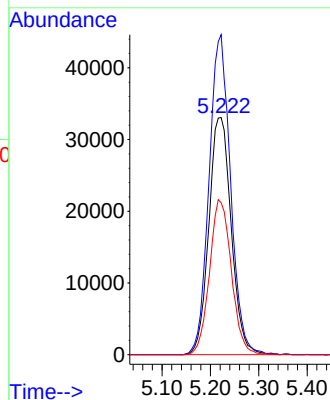
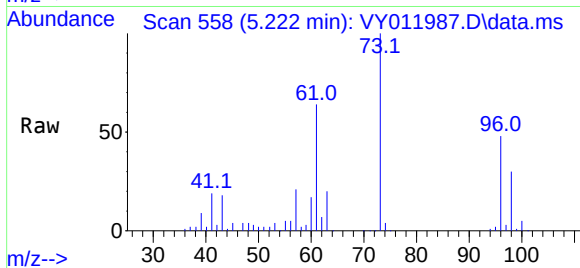
Tgt Ion: 96 Resp: 106401

Ion Ratio Lower Upper

96 100

61 134.9 108.0 162.0

98 64.0 51.6 77.4



#22

Diisopropyl ether

Concen: 45.973 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Tgt Ion: 45 Resp: 278332

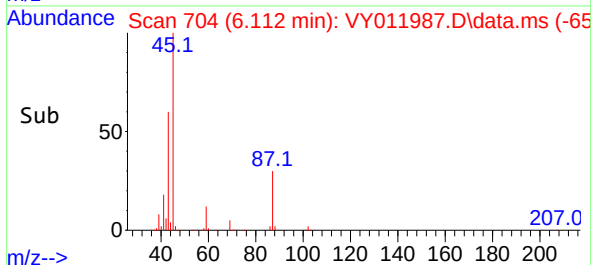
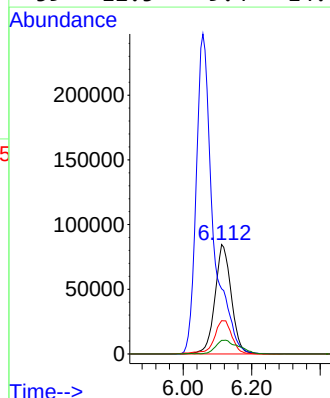
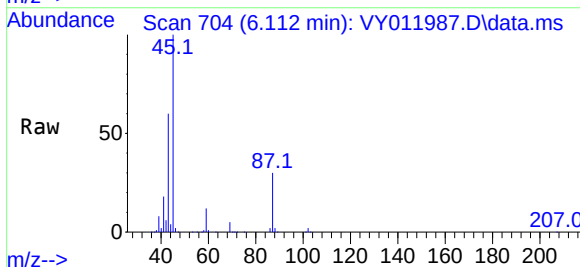
Ion Ratio Lower Upper

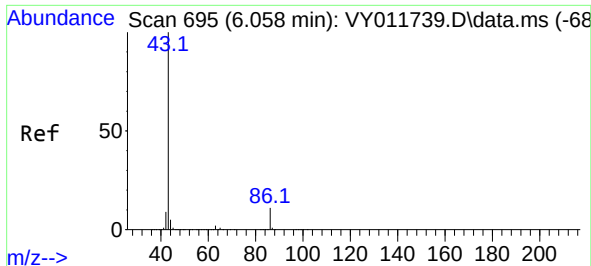
45 100

43 59.3 45.0 67.4

87 30.5 22.6 33.8

59 12.5 9.4 14.0

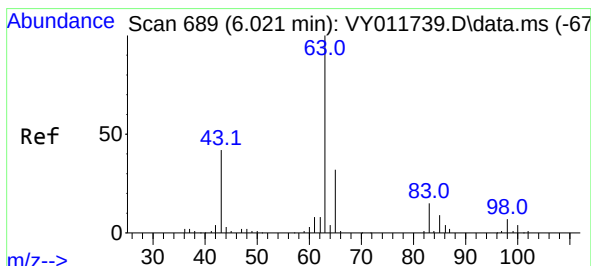
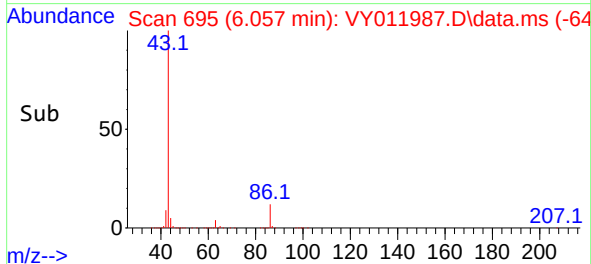
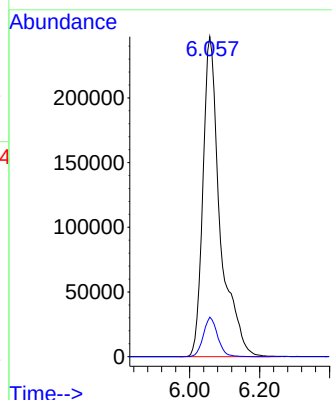
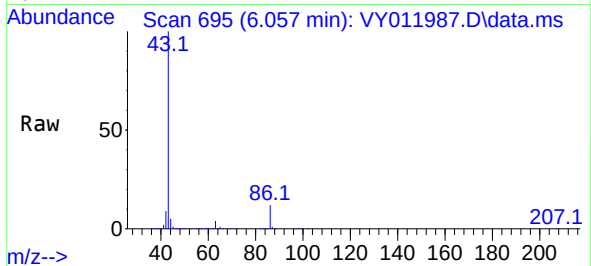




#23
 Vinyl Acetate
 Concen: 242.055 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011987.D
 Acq: 23 Dec 2022 10:37

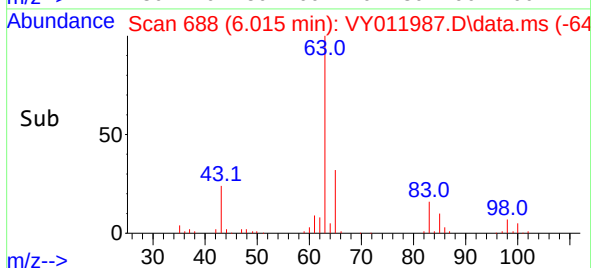
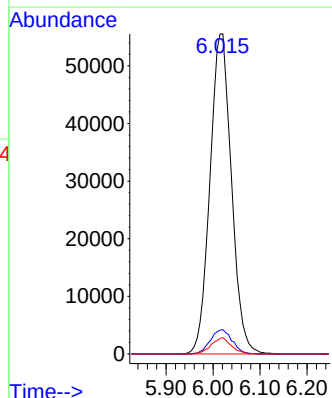
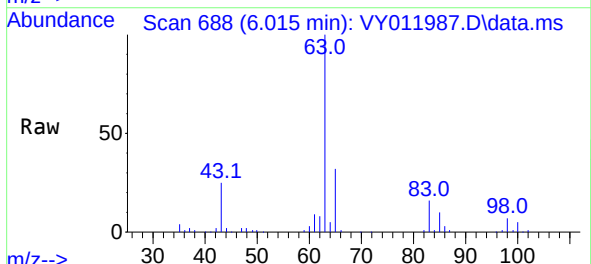
Instrument :
 MSVOA_Y
 ClientSampleId :

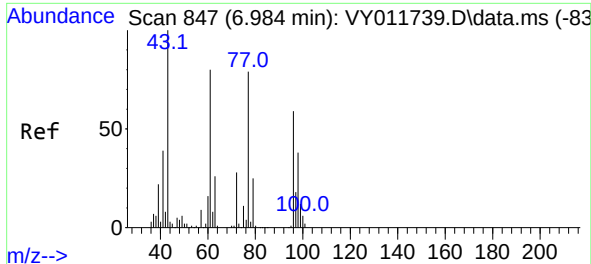
Tgt Ion: 43 Resp: 843138
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 44.811 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY011987.D
 Acq: 23 Dec 2022 10:37

Tgt Ion: 63 Resp: 176349
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.8 2.2 6.6

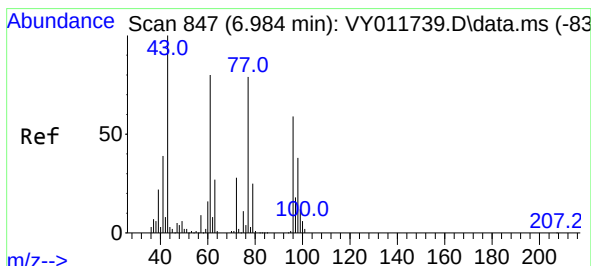
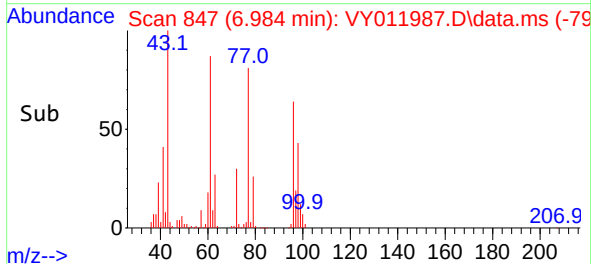
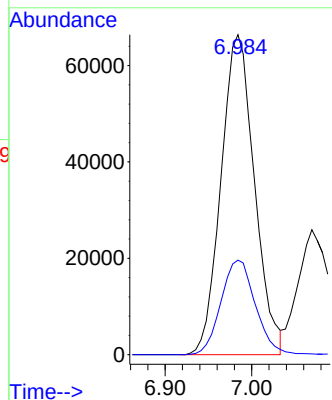
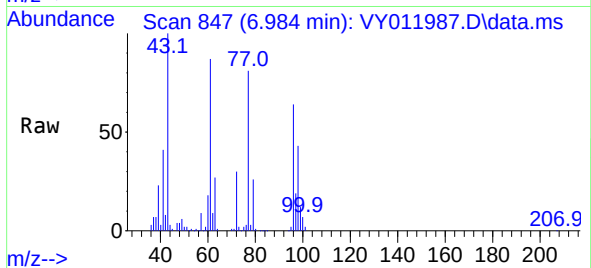




#25
2-Butanone
Concen: 240.651 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

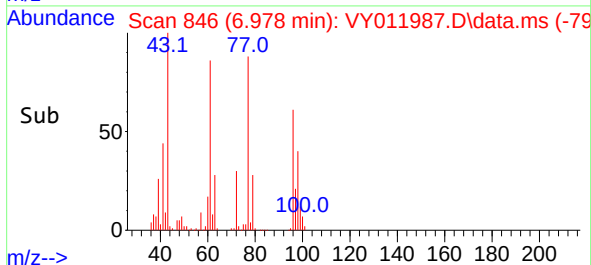
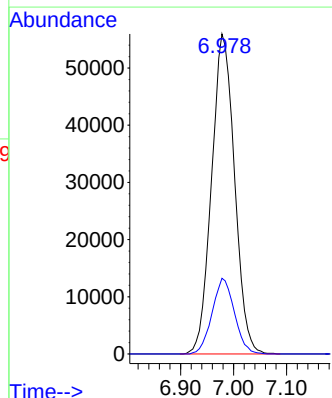
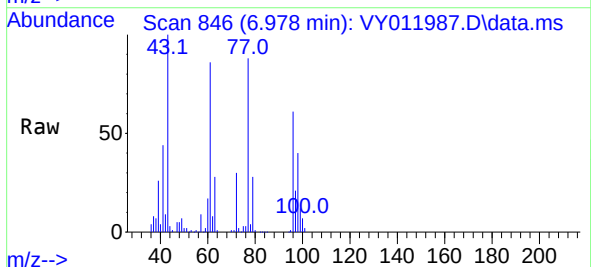
Instrument :
MSVOA_Y
ClientSampleId :

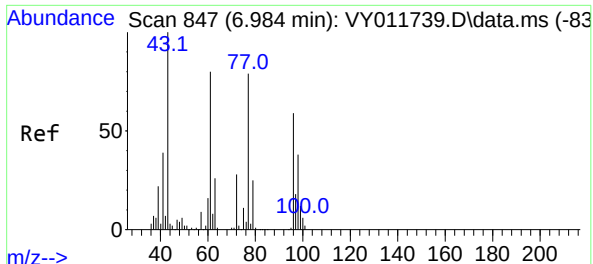
Tgt Ion: 43 Resp: 178187
Ion Ratio Lower Upper
43 100
72 29.5 22.6 34.0



#26
2,2-Dichloropropane
Concen: 43.723 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 77 Resp: 168372
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1

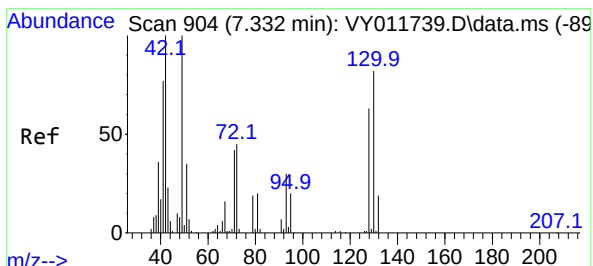
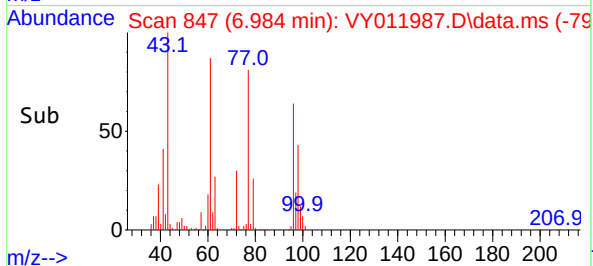
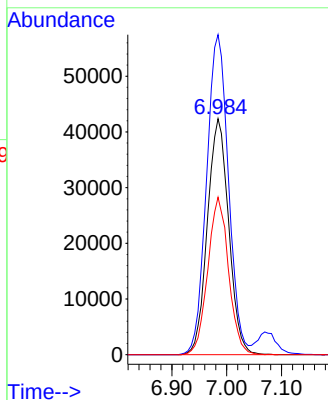
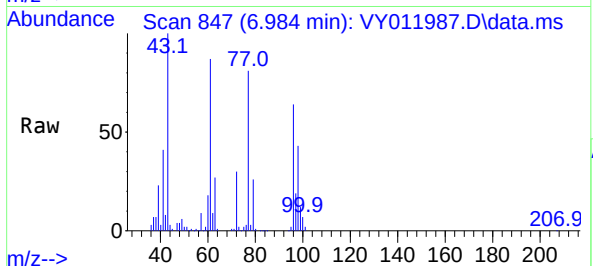




#27
cis-1,2-Dichloroethene
Concen: 44.573 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

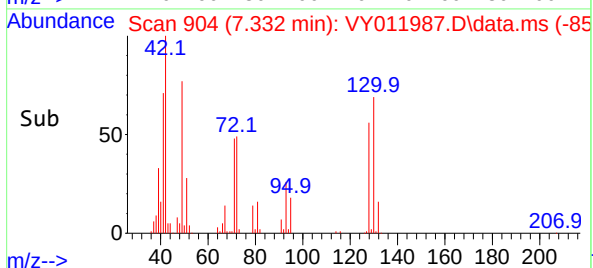
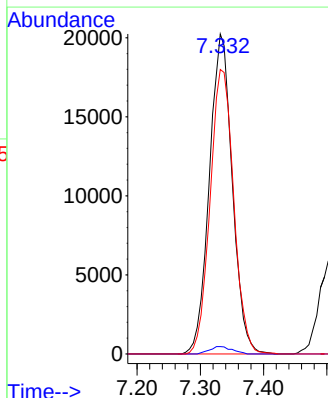
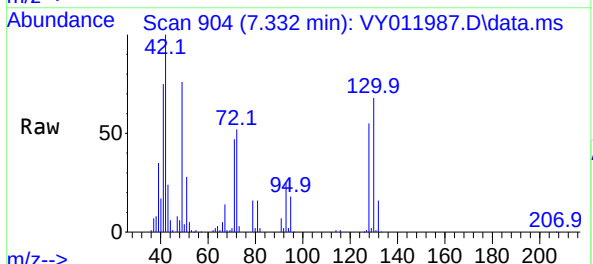
Instrument :
MSVOA_Y
ClientSampleId :

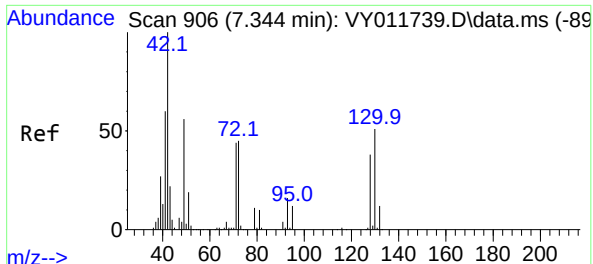
Tgt Ion: 96 Resp: 114343
Ion Ratio Lower Upper
96 100
61 138.9 0.0 283.4
98 65.0 0.0 127.6



#28
Bromochloromethane
Concen: 47.087 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

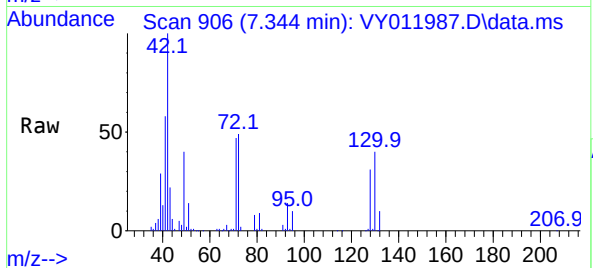
Tgt Ion: 49 Resp: 50850
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 91.3 66.7 100.1



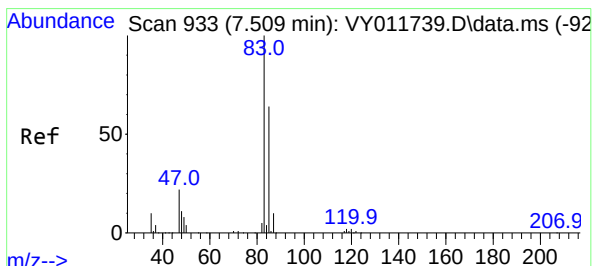
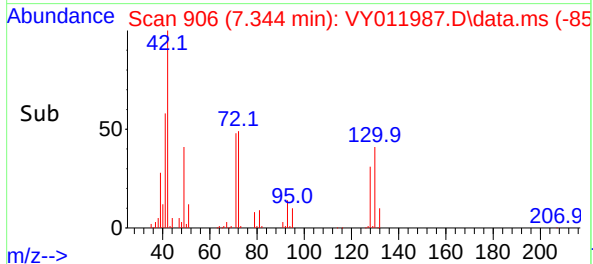
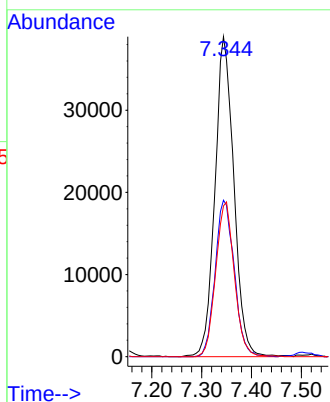


#29
Tetrahydrofuran
Concen: 244.699 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :

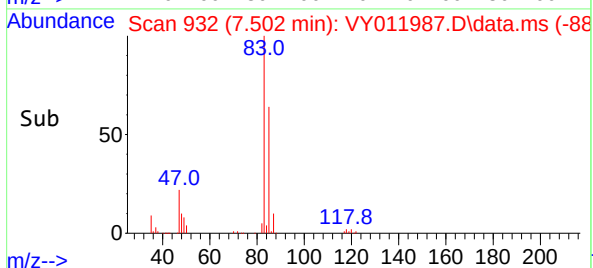
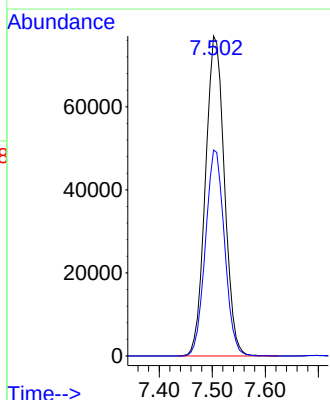
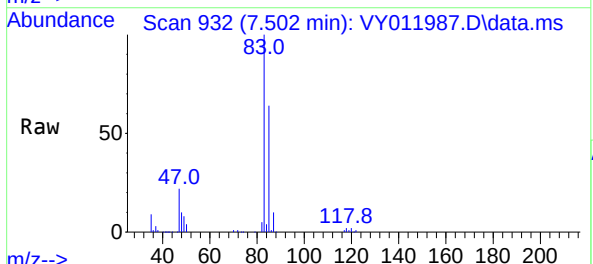


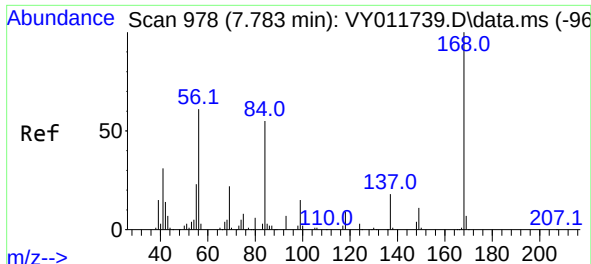
Tgt Ion: 42 Resp: 102655
Ion Ratio Lower Upper
42 100
72 49.4 37.0 55.6
71 47.6 34.9 52.3



#30
Chloroform
Concen: 45.182 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

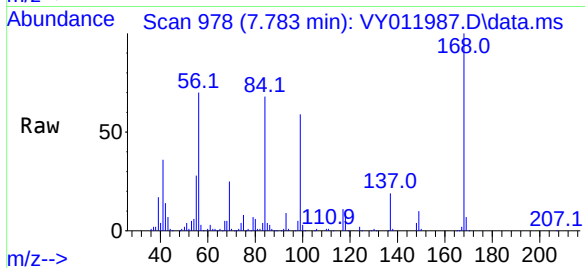
Tgt Ion: 83 Resp: 191650
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3



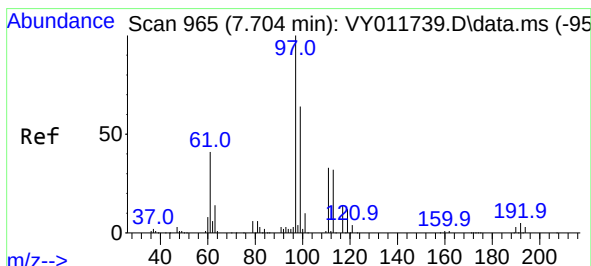
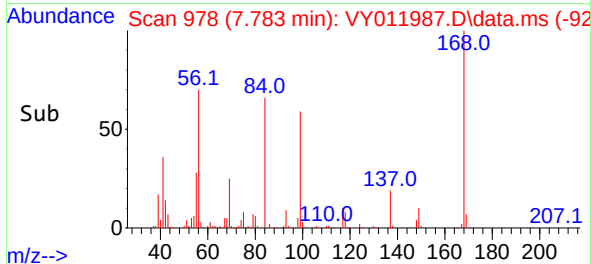
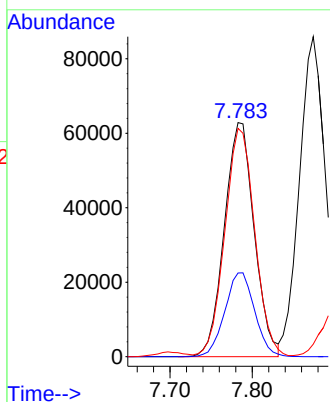


#31
Cyclohexane
Concen: 42.493 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :

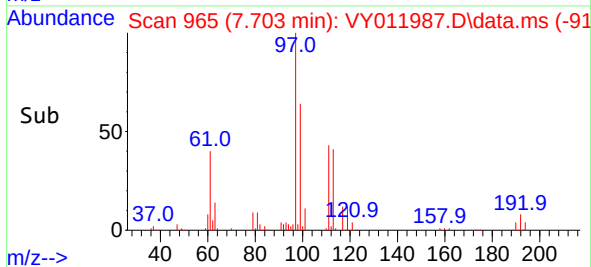
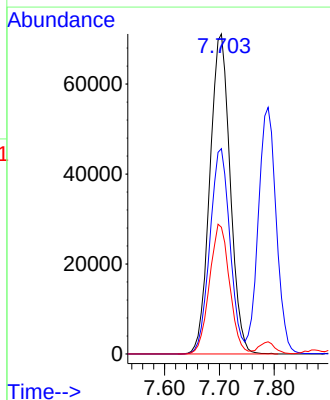
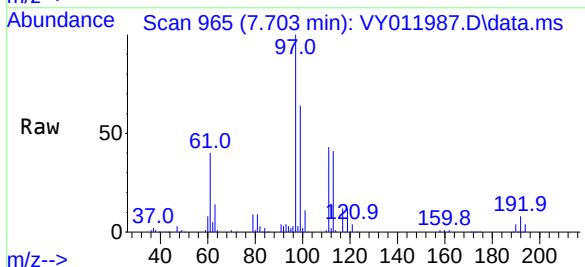


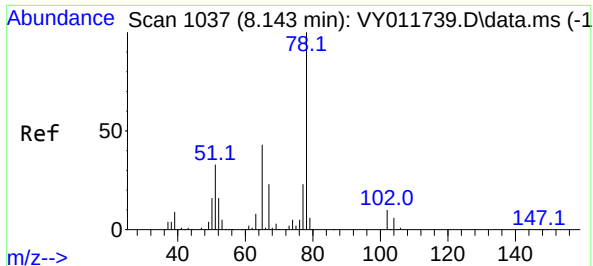
Tgt Ion: 56 Resp: 159009
Ion Ratio Lower Upper
56 100
69 35.7 29.2 43.8
84 95.8 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 45.299 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 97 Resp: 182757
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 40.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 47.215 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

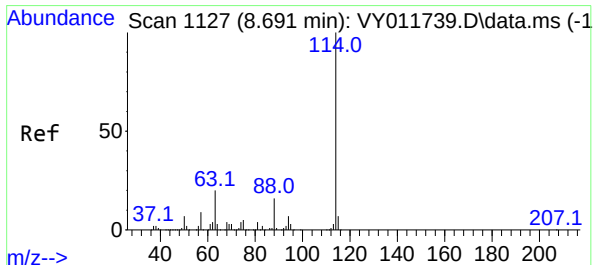
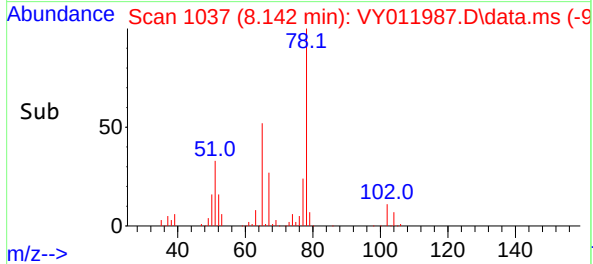
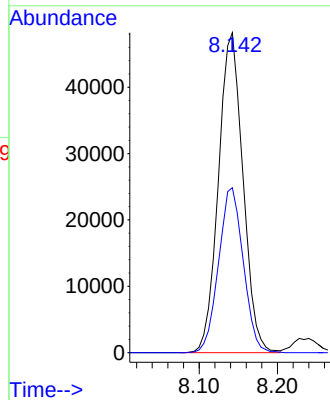
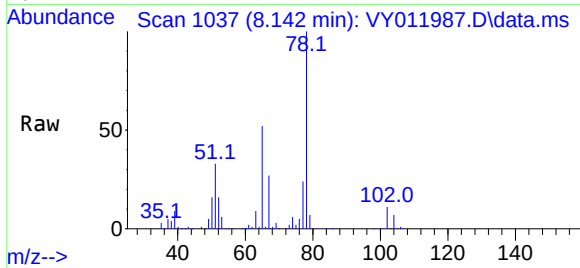
ClientSampleId :

Tgt Ion: 65 Resp: 104951

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

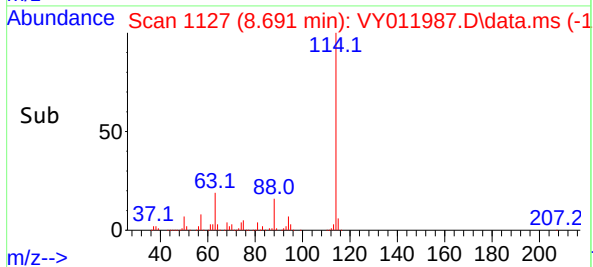
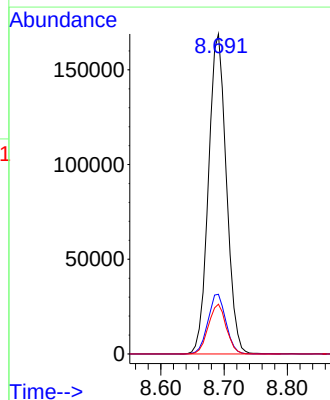
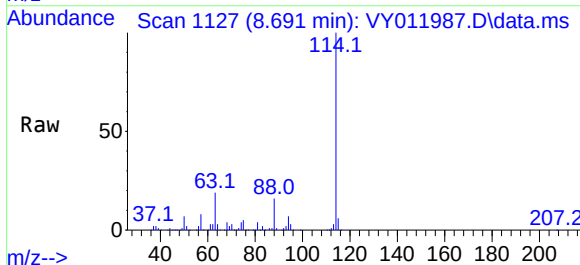
Tgt Ion: 114 Resp: 331780

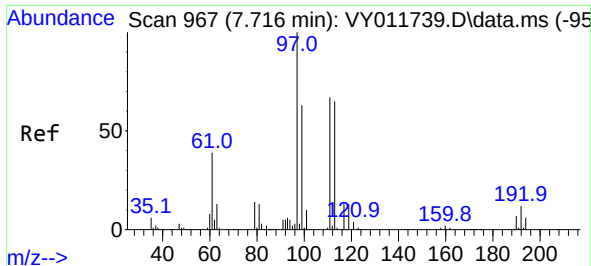
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 15.5 0.0 32.2

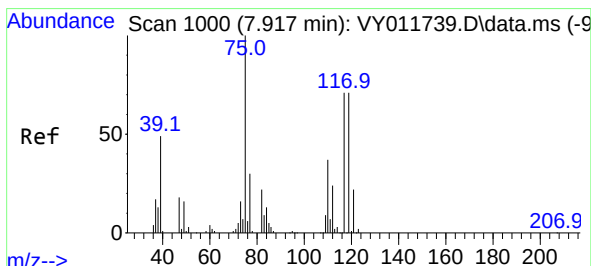
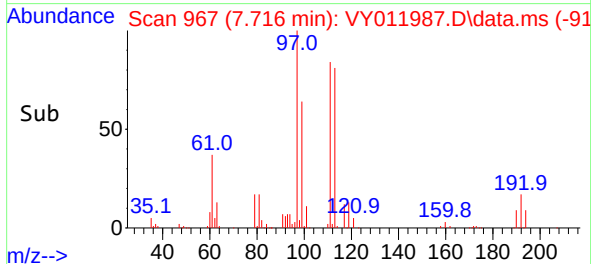
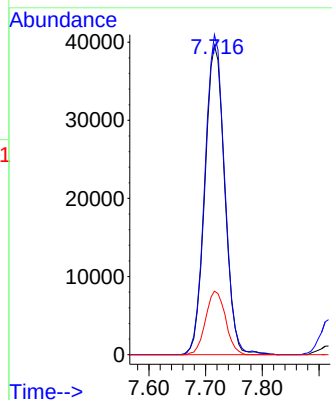
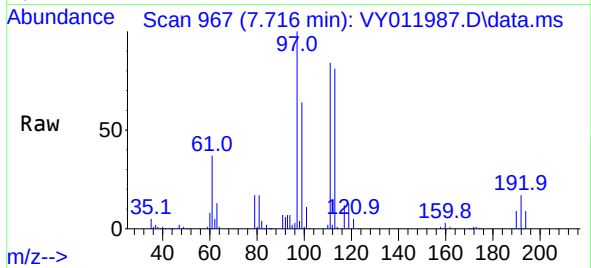




#35
Dibromofluoromethane
Concen: 47.999 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

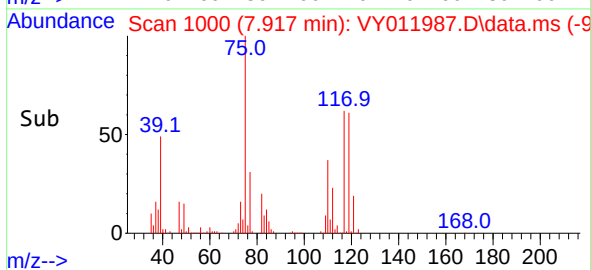
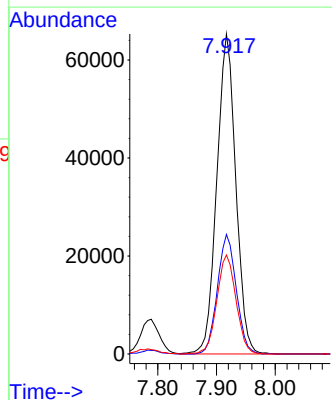
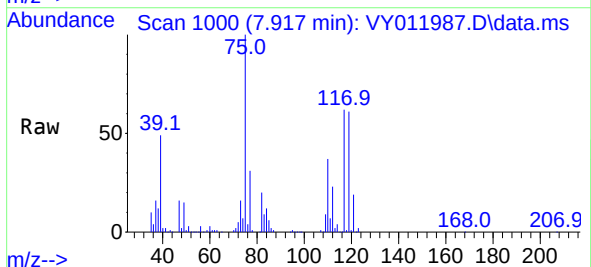
Instrument :
MSVOA_Y
ClientSampleId :

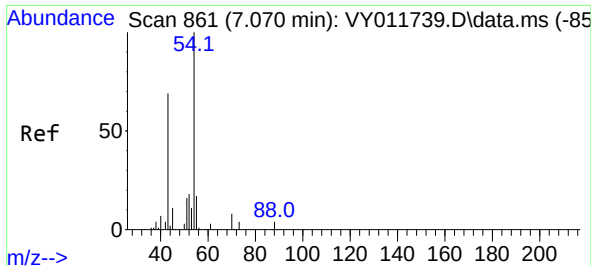
Tgt Ion:113 Resp: 95873
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 20.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 45.739 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 75 Resp: 146542
Ion Ratio Lower Upper
75 100
110 37.1 18.1 54.1
77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 48.295 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

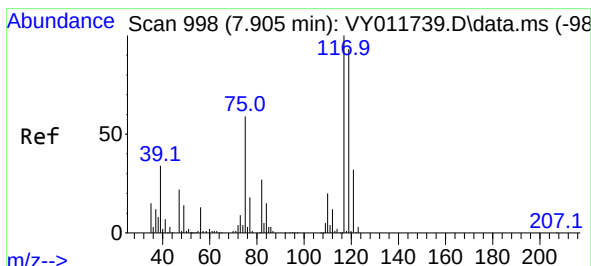
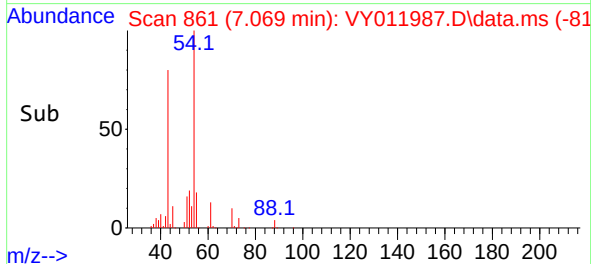
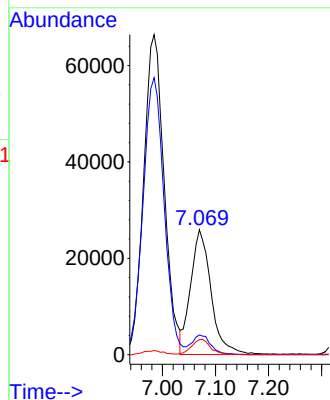
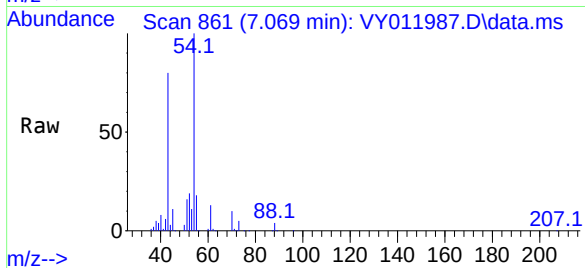
Tgt Ion: 43 Resp: 69421

Ion Ratio Lower Upper

43 100

61 14.5 11.3 16.9

70 11.4 8.2 12.4



#38

Carbon Tetrachloride

Concen: 46.615 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

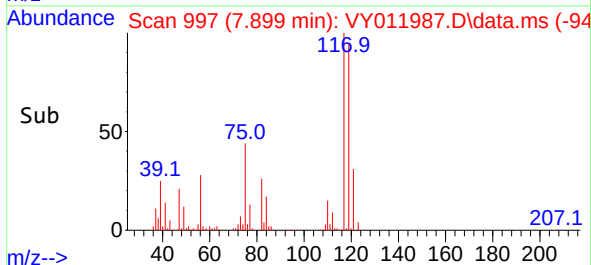
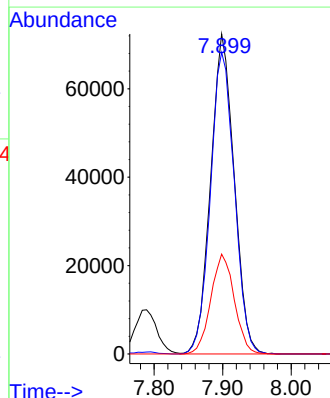
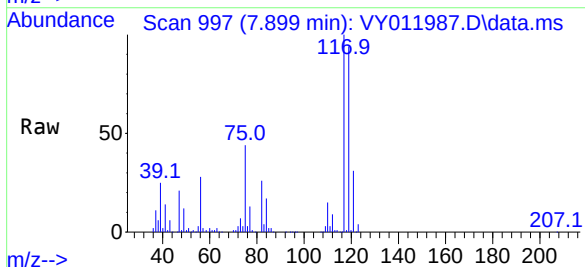
Tgt Ion: 117 Resp: 172486

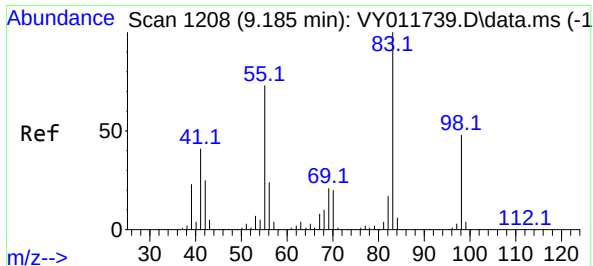
Ion Ratio Lower Upper

117 100

119 94.2 73.8 110.8

121 31.2 25.2 37.8





#39

Methylcyclohexane

Concen: 46.672 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

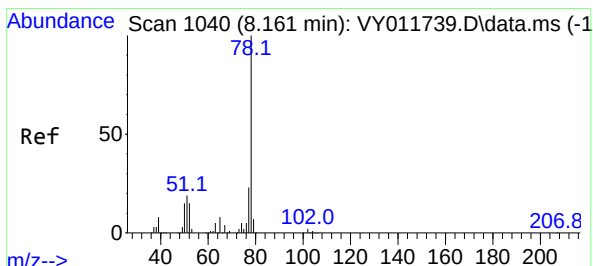
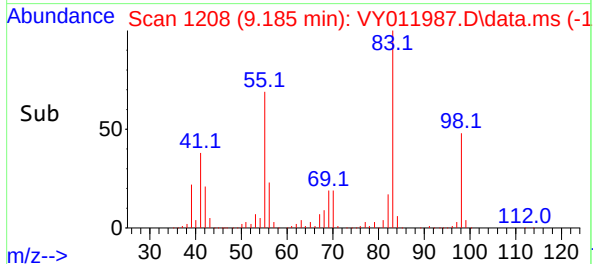
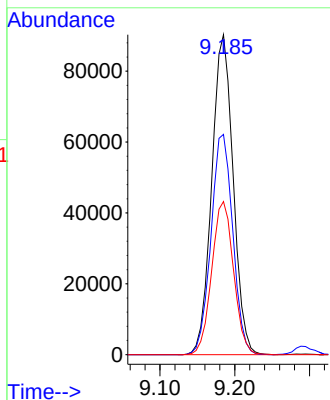
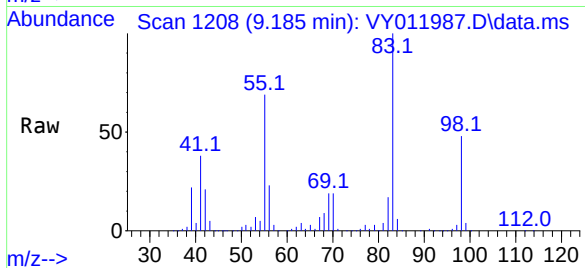
Tgt Ion: 83 Resp: 179928

Ion Ratio Lower Upper

83 100

55 68.9 58.2 87.2

98 47.9 38.6 58.0



#40

Benzene

Concen: 45.109 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011987.D

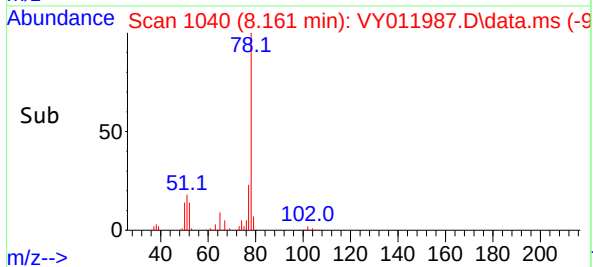
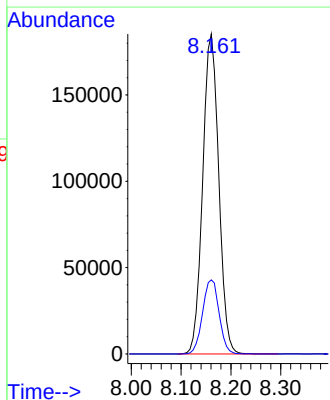
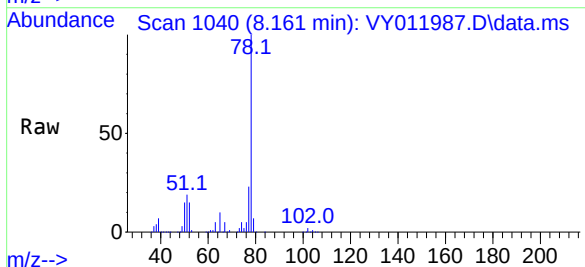
Acq: 23 Dec 2022 10:37

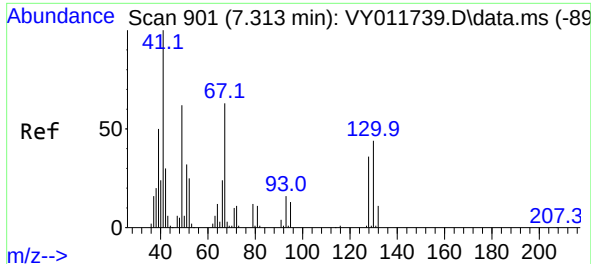
Tgt Ion: 78 Resp: 413604

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8

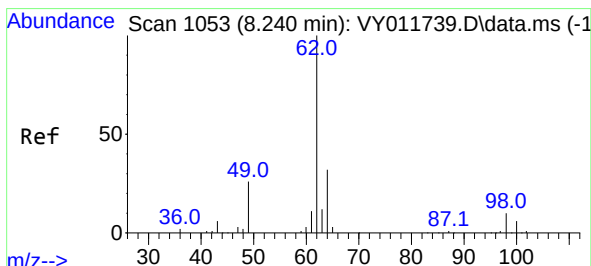
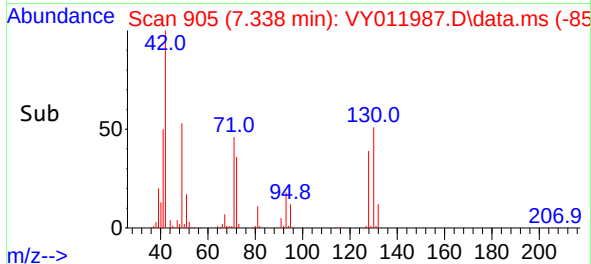
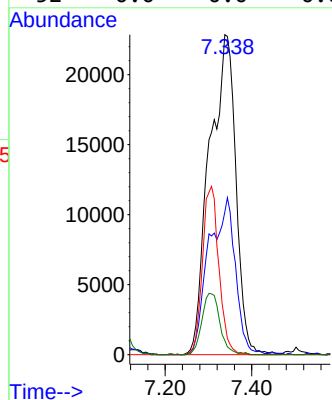
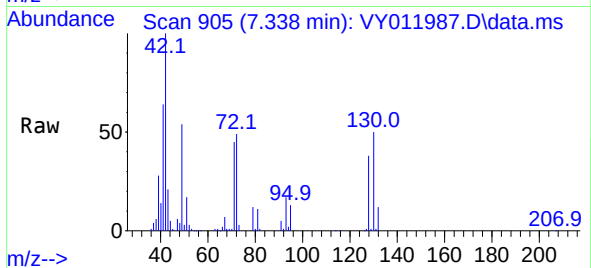




#41
Methacrylonitrile
Concen: 138.819 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

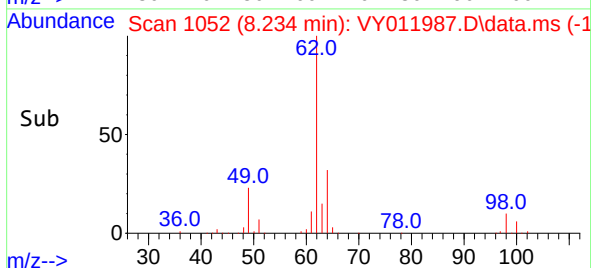
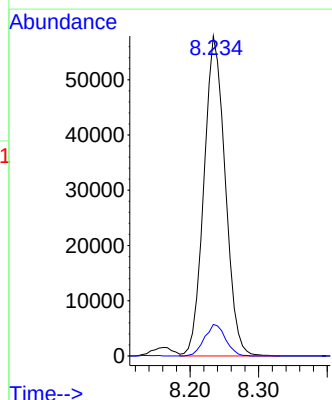
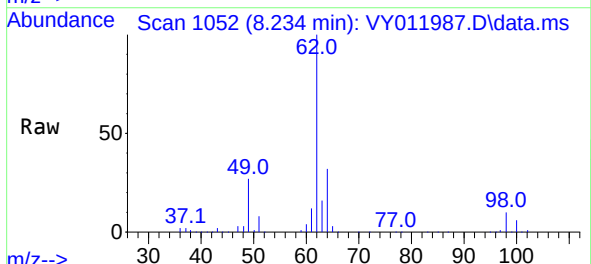
Instrument :
MSVOA_Y
ClientSampleId :

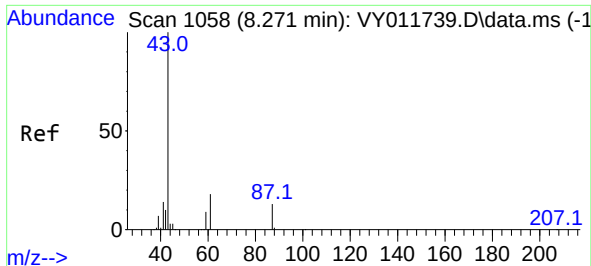
Tgt Ion: 41 Resp: 96493
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.382 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 62 Resp: 125066
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43

Isopropyl Acetate

Concen: 48.263 ug/l

RT: 8.270 min Scan# 11058

Delta R.T. -0.000 min

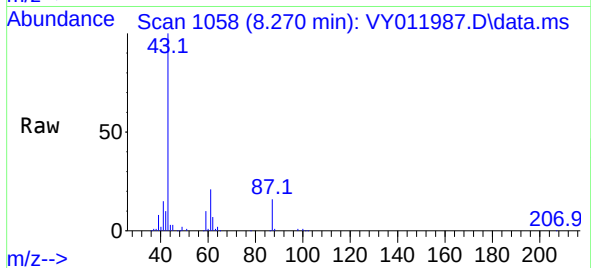
Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :



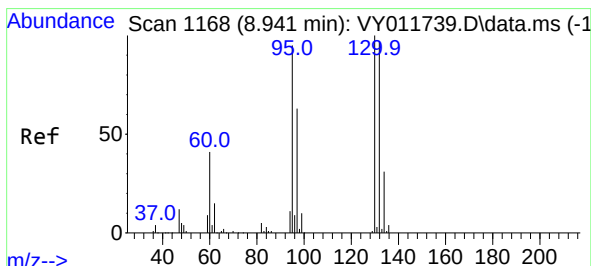
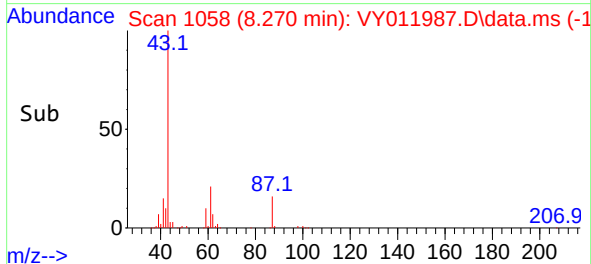
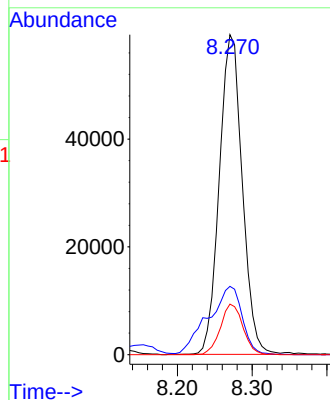
Tgt Ion: 43 Resp: 126703

Ion Ratio Lower Upper

43 100

61 31.7 24.4 36.6

87 15.6 11.4 17.2



#44

Trichloroethene

Concen: 45.066 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY011987.D

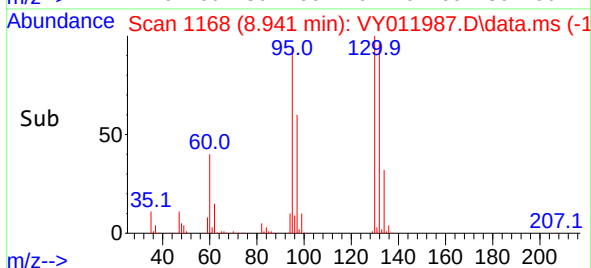
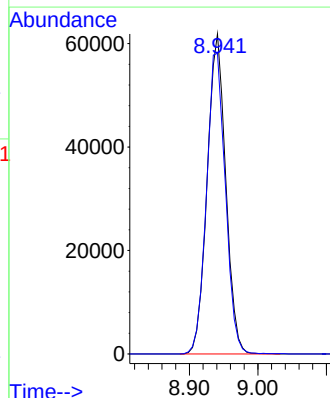
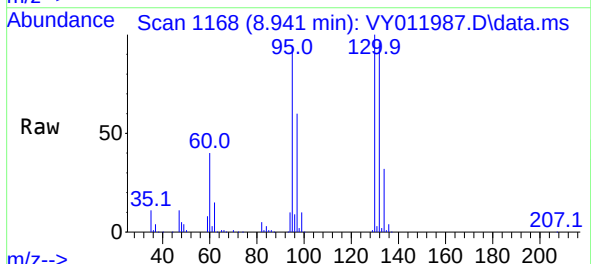
Acq: 23 Dec 2022 10:37

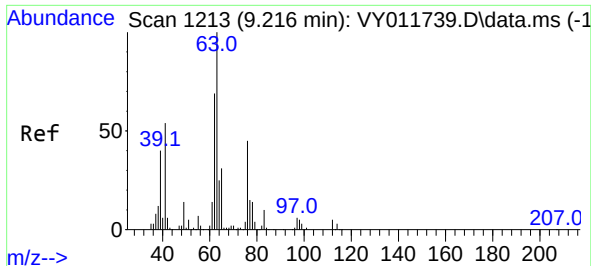
Tgt Ion:130 Resp: 116467

Ion Ratio Lower Upper

130 100

95 93.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 45.996 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

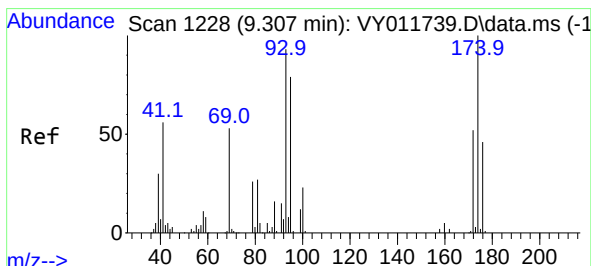
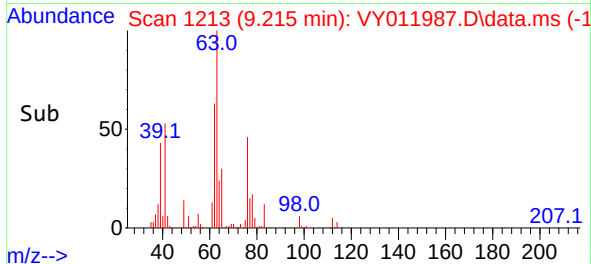
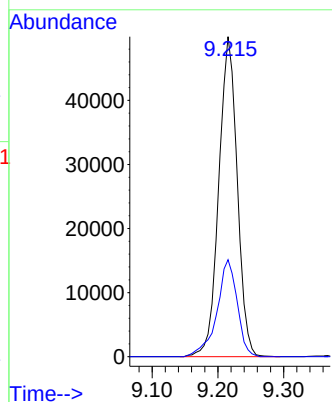
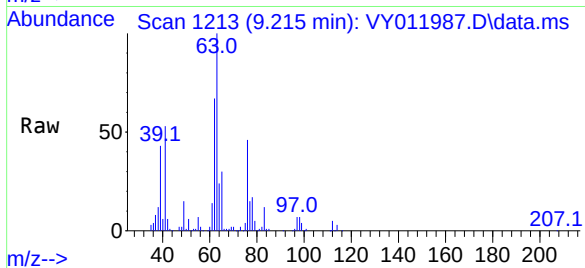
ClientSampleId :

Tgt Ion: 63 Resp: 97442

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 47.113 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

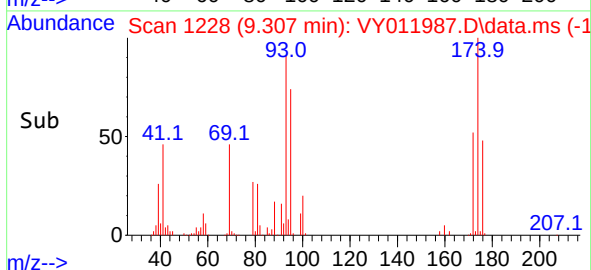
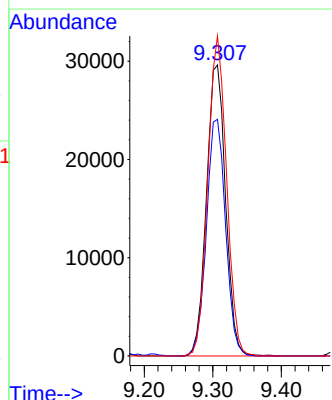
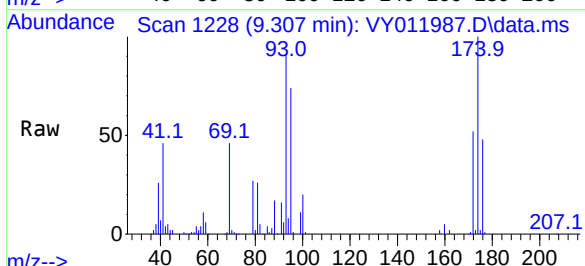
Tgt Ion: 93 Resp: 57491

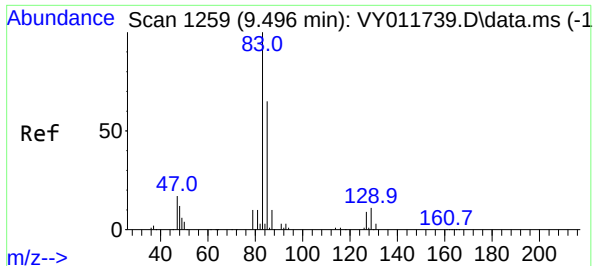
Ion Ratio Lower Upper

93 100

95 81.5 66.1 99.1

174 107.6 84.7 127.1





#47

Bromodichloromethane

Concen: 46.618 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

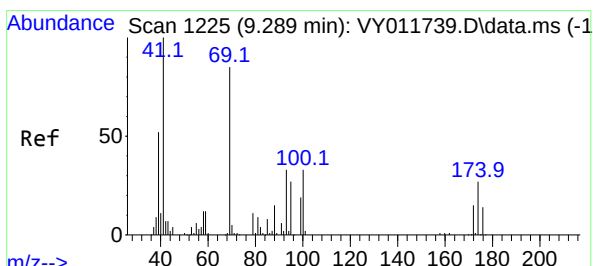
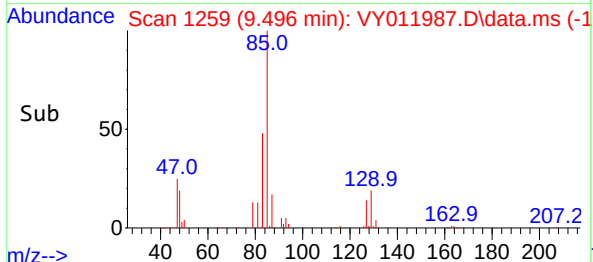
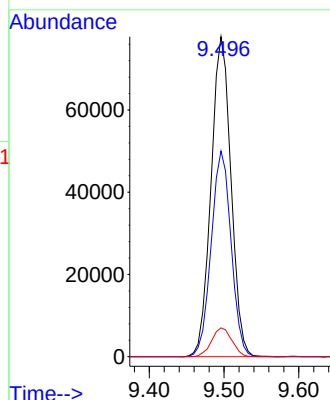
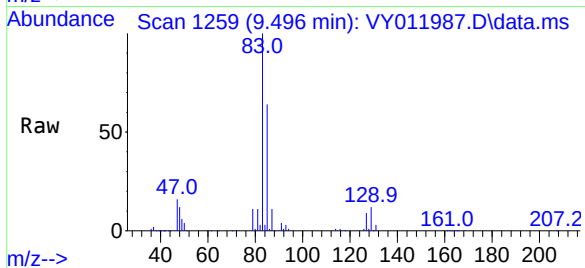
Tgt Ion: 83 Resp: 144323

Ion Ratio Lower Upper

83 100

85 64.2 52.0 78.0

127 9.0 7.3 10.9



#48

Methyl methacrylate

Concen: 49.698 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

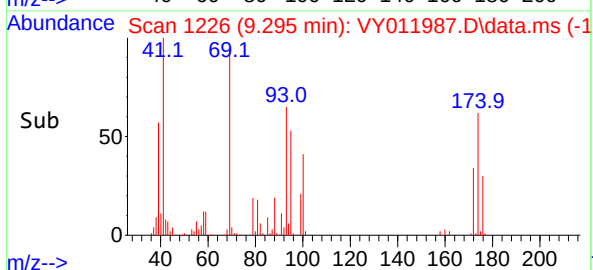
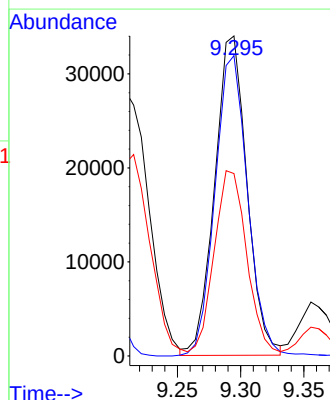
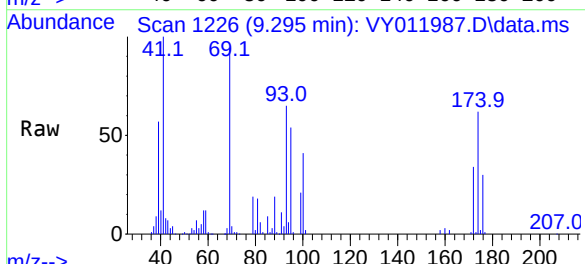
Tgt Ion: 41 Resp: 60409

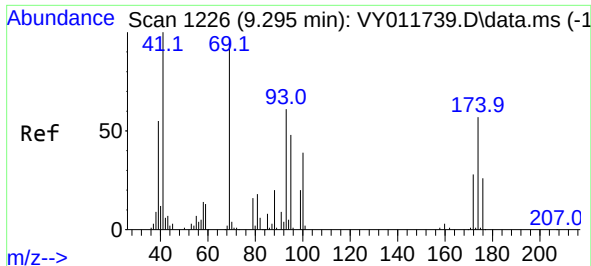
Ion Ratio Lower Upper

41 100

69 95.3 74.2 111.2

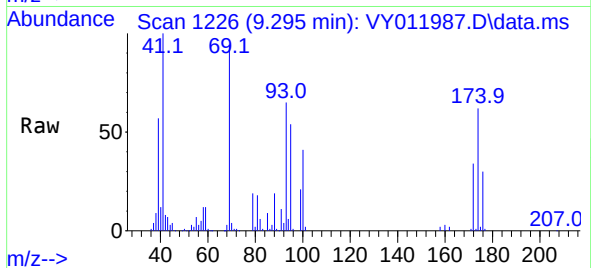
39 56.5 46.3 69.5



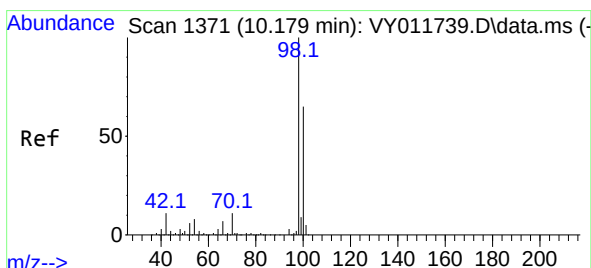
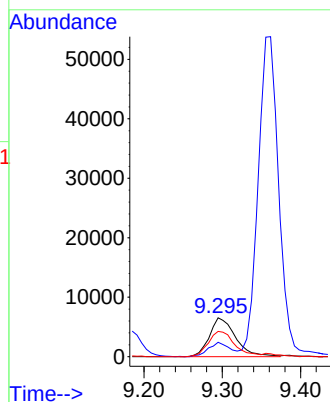
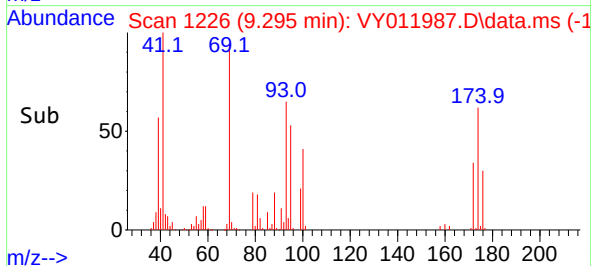


#49
1,4-Dioxane
Concen: 1039.714 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :

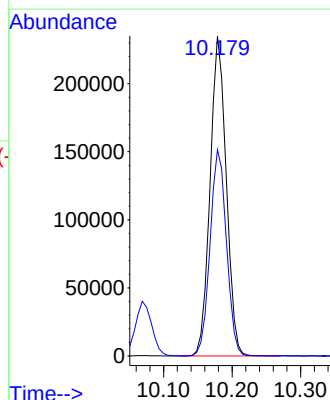
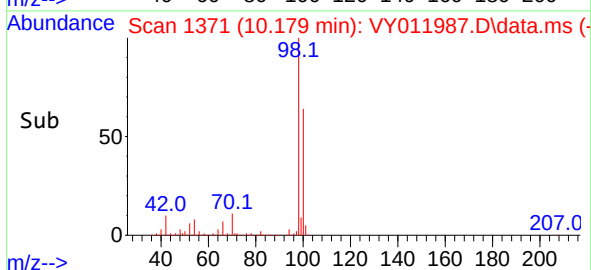
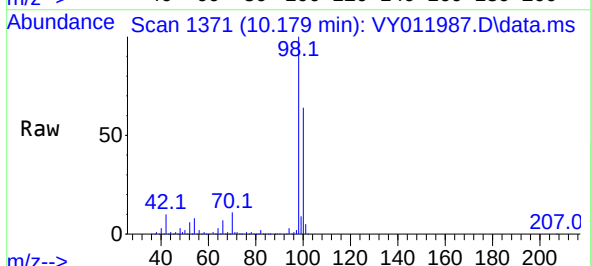


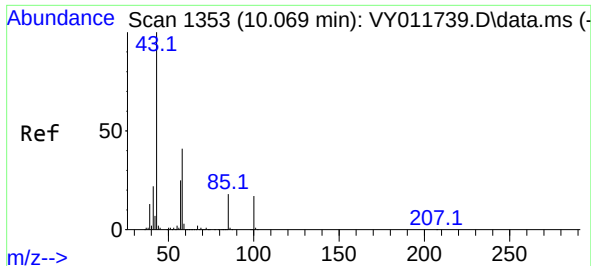
Tgt Ion: 88 Resp: 15148
Ion Ratio Lower Upper
88 100
43 30.5 26.2 39.2
58 65.9 54.3 81.5



#50
Toluene-d8
Concen: 47.564 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 98 Resp: 385457
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 250.476 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

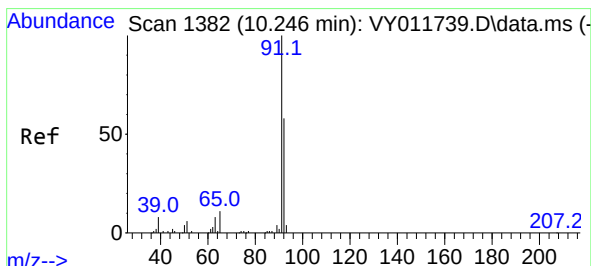
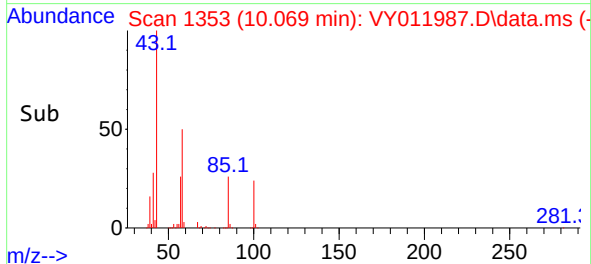
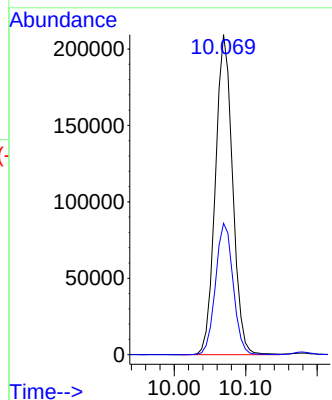
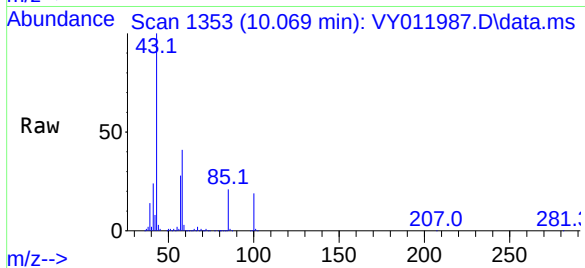
ClientSampleId :

Tgt Ion: 43 Resp: 350629

Ion Ratio Lower Upper

43 100

58 41.8 32.9 49.3



#52

Toluene

Concen: 46.224 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY011987.D

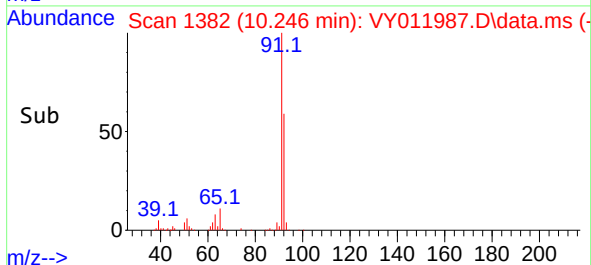
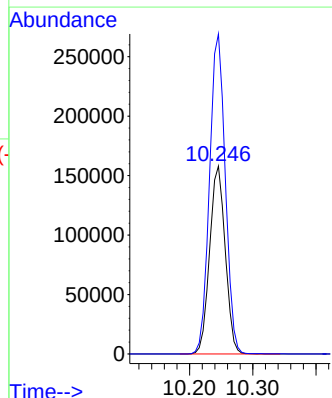
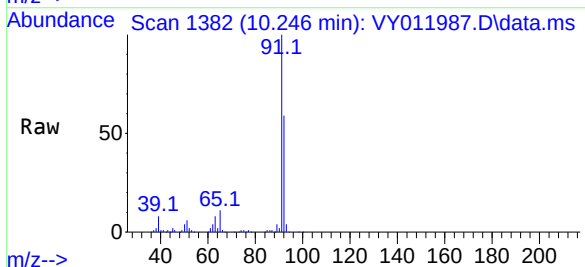
Acq: 23 Dec 2022 10:37

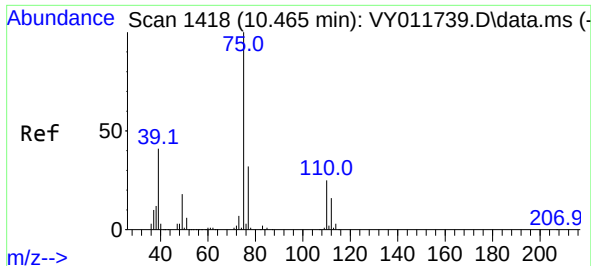
Tgt Ion: 92 Resp: 270027

Ion Ratio Lower Upper

92 100

91 172.4 137.4 206.0

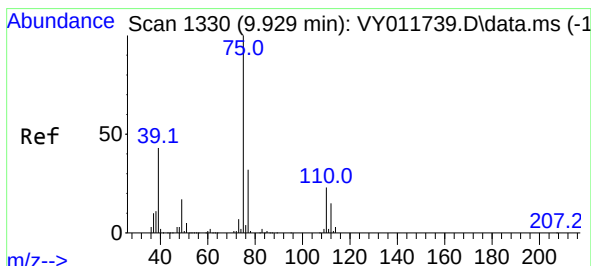
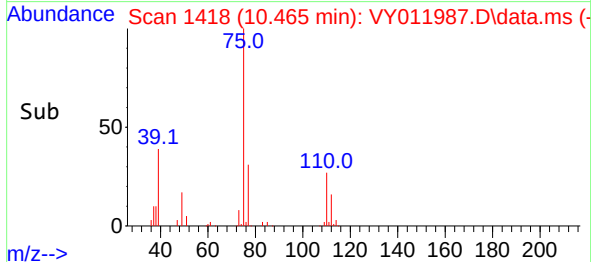
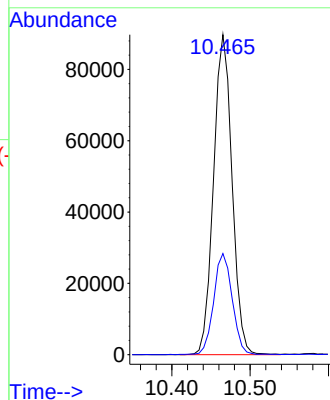
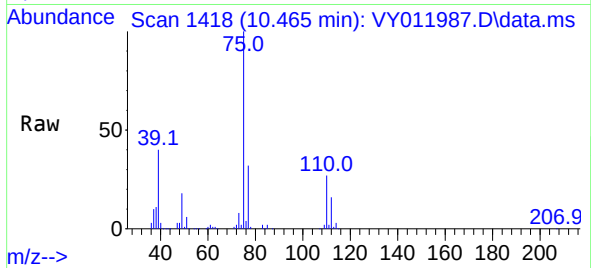




#53
 t-1,3-Dichloropropene
 Concen: 47.127 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY011987.D
 Acq: 23 Dec 2022 10:37

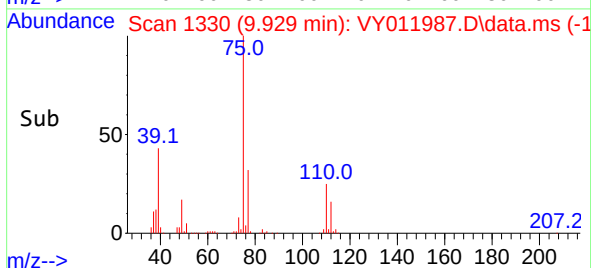
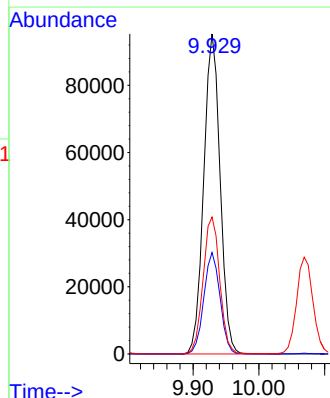
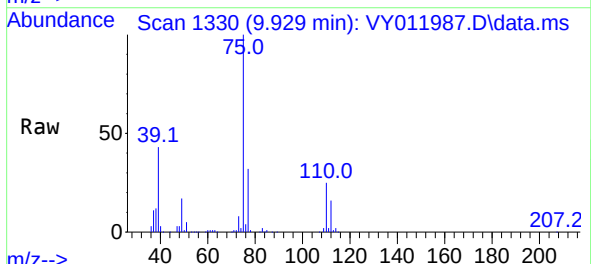
Instrument :
 MSVOA_Y
 ClientSampleId :

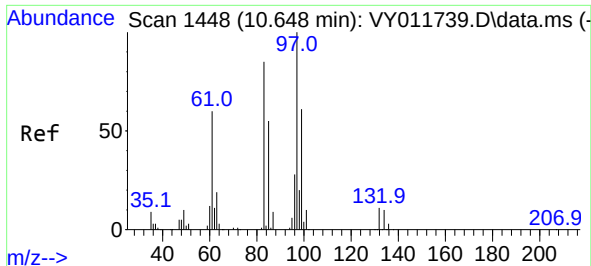
Tgt Ion: 75 Resp: 147425
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.949 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY011987.D
 Acq: 23 Dec 2022 10:37

Tgt Ion: 75 Resp: 165084
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.9 38.9
 39 42.8 34.6 52.0



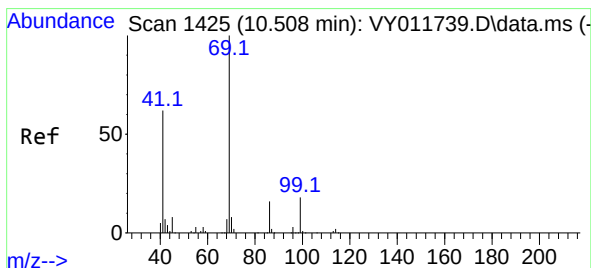
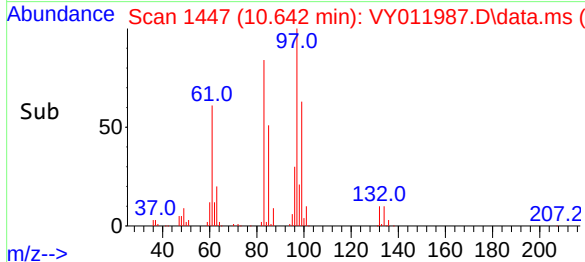
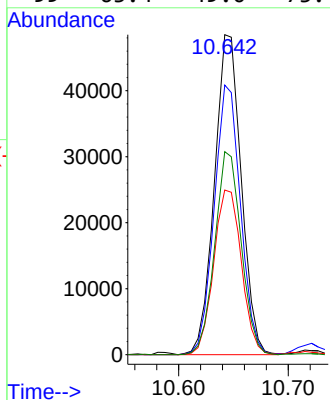
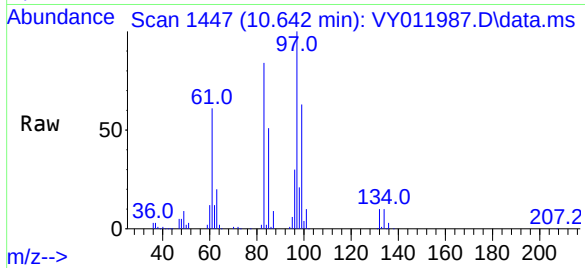


#55
 1,1,2-Trichloroethane
 Concen: 47.641 ug/l
 RT: 10.642 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: VY011987.D
 Acq: 23 Dec 2022 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 97 Resp: 82498

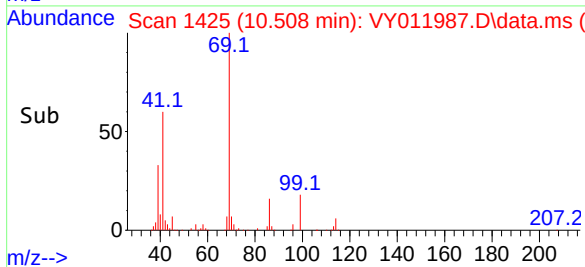
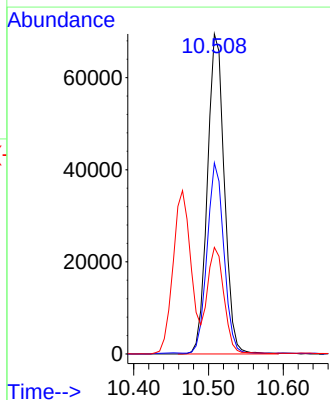
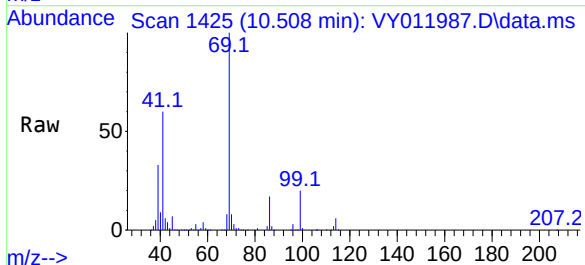
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.7	101.5
85	51.5	43.8	65.8
99	63.4	49.0	73.4

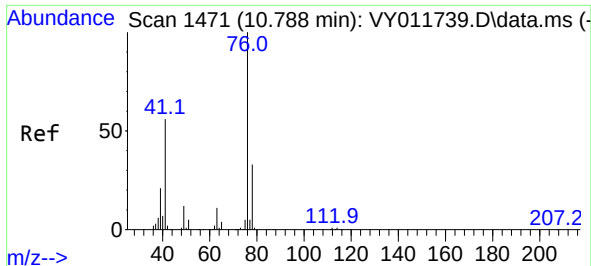


#56
 Ethyl methacrylate
 Concen: 49.822 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VY011987.D
 Acq: 23 Dec 2022 10:37

Tgt Ion: 69 Resp: 109234

Ion	Ratio	Lower	Upper
69	100		
41	59.0	48.9	73.3
39	32.3	25.9	38.9





#57

1,3-Dichloropropane

Concen: 48.244 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

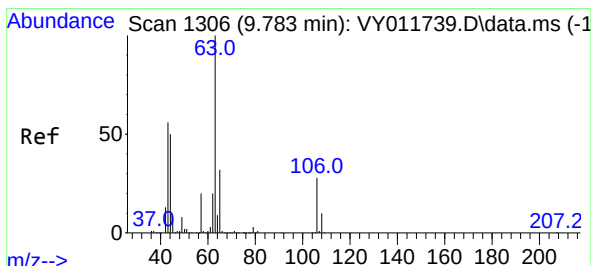
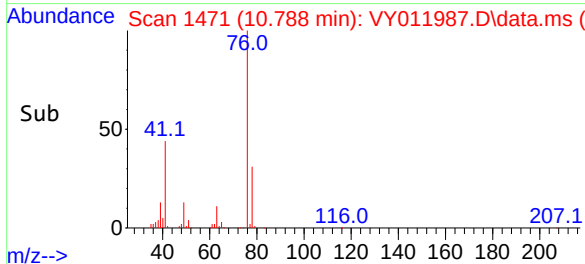
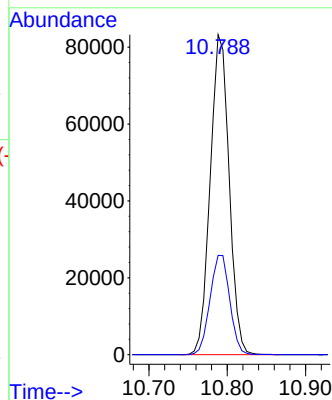
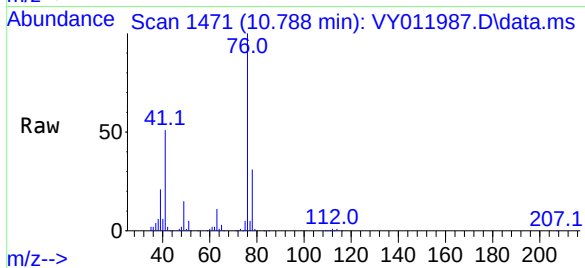
ClientSampleId :

Tgt Ion: 76 Resp: 139415

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 236.450 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011987.D

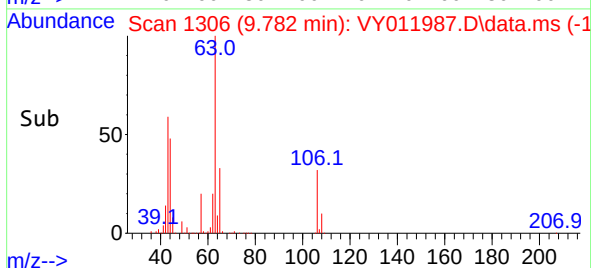
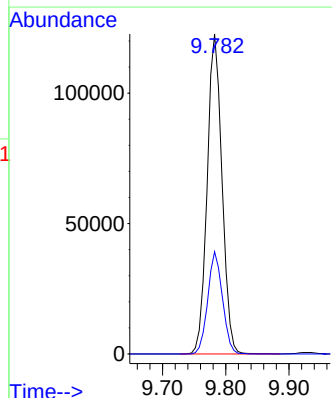
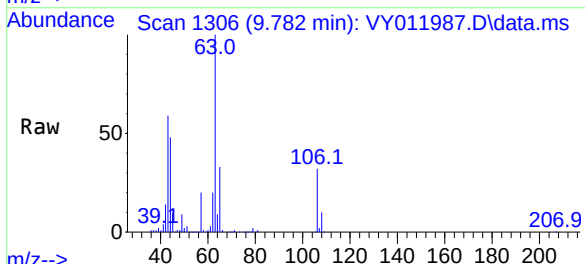
Acq: 23 Dec 2022 10:37

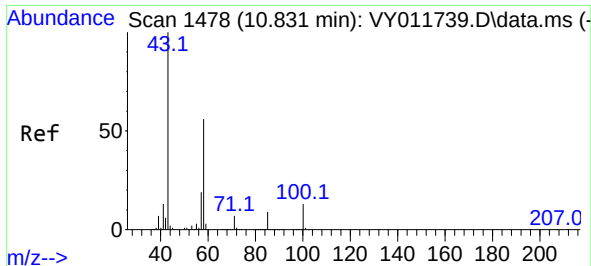
Tgt Ion: 63 Resp: 200042

Ion Ratio Lower Upper

63 100

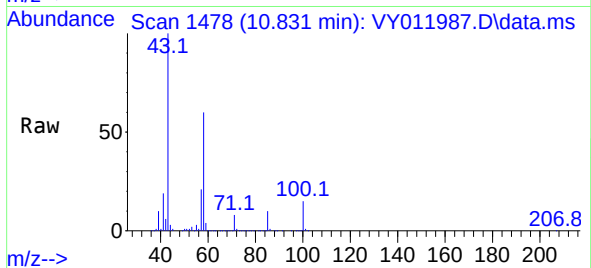
106 31.6 23.2 34.8



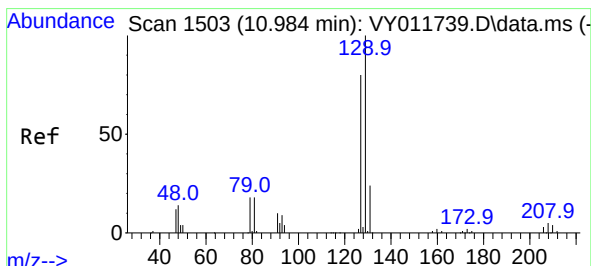
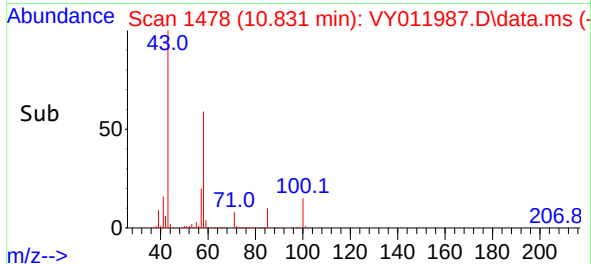
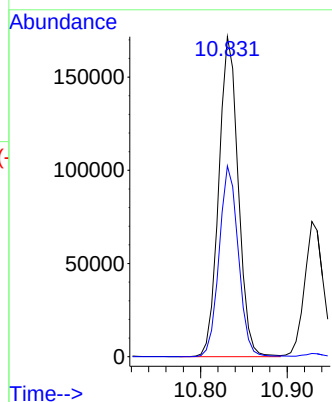


#59
2-Hexanone
Concen: 259.979 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :

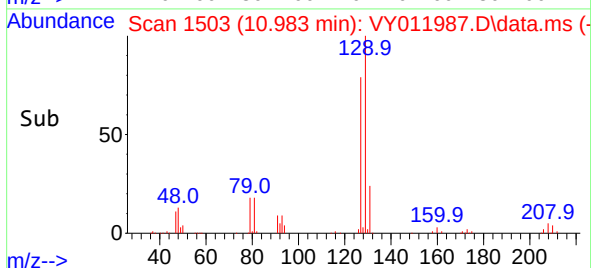
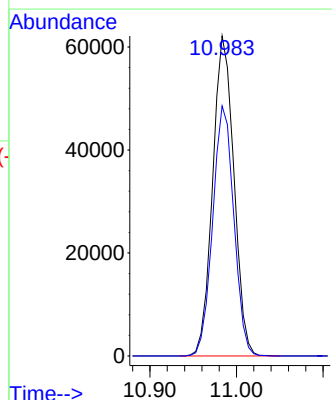
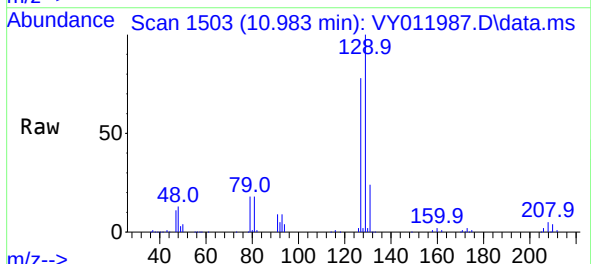


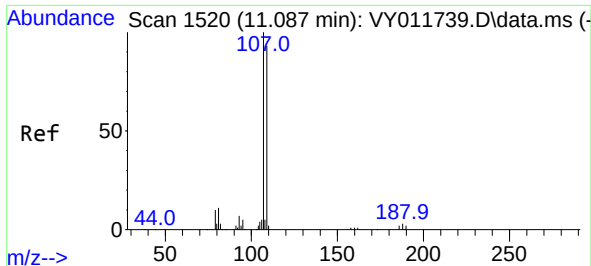
Tgt Ion: 43 Resp: 267736
Ion Ratio Lower Upper
43 100
58 58.7 28.4 85.2



#60
Dibromochloromethane
Concen: 48.464 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion:129 Resp: 105722
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6

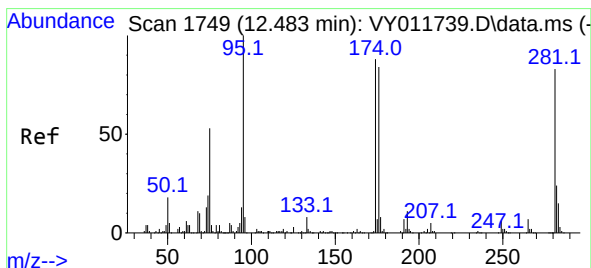
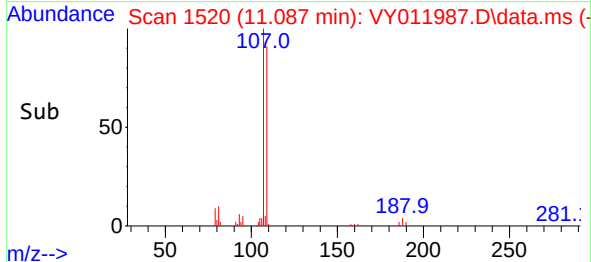
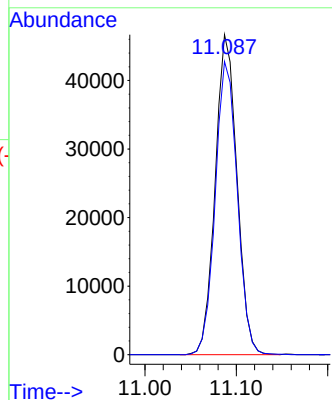
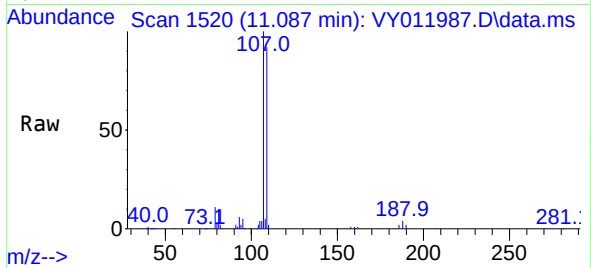




#61
1,2-Dibromoethane
Concen: 47.574 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

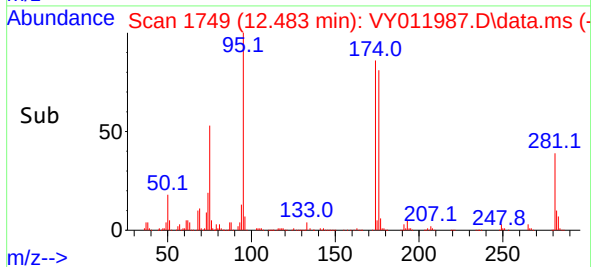
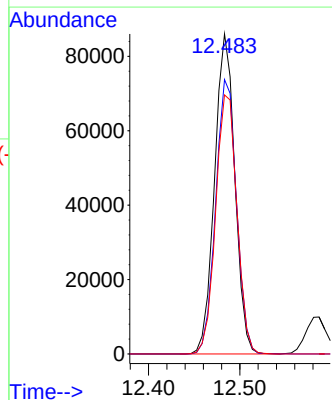
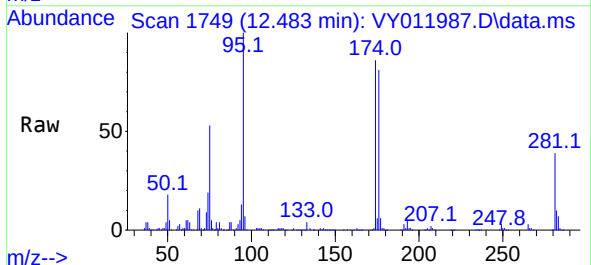
Instrument :
MSVOA_Y
ClientSampleId :

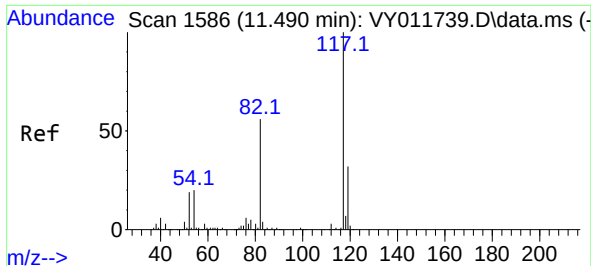
Tgt Ion:107 Resp: 77074
Ion Ratio Lower Upper
107 100
109 93.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.603 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

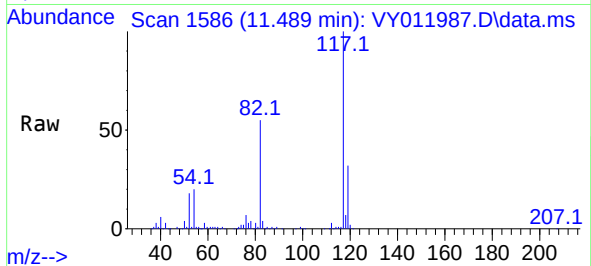
Tgt Ion: 95 Resp: 132470
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.0
176 85.0 0.0 167.6



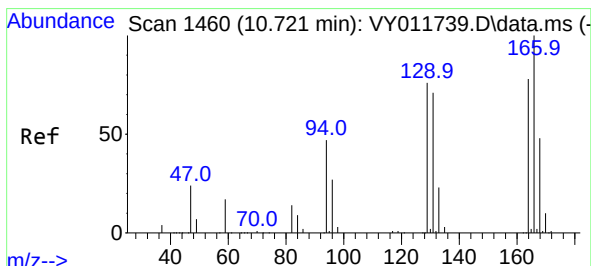
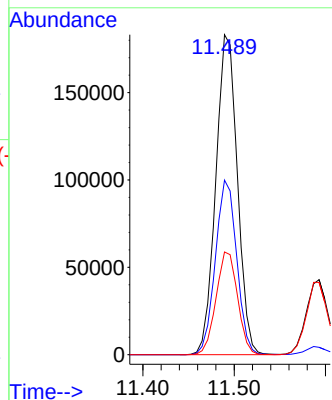
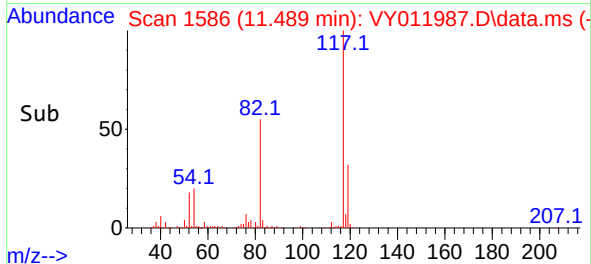


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :

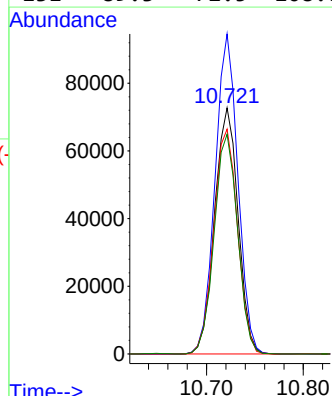
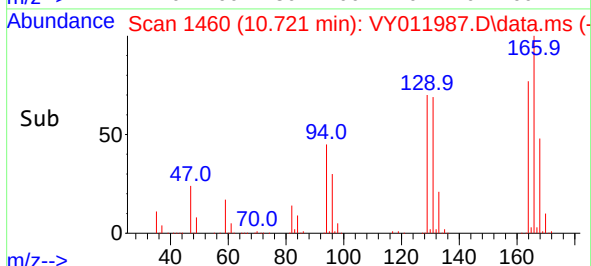
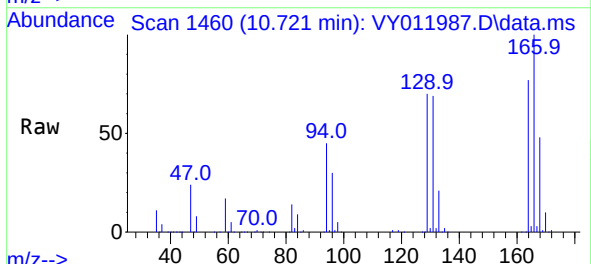


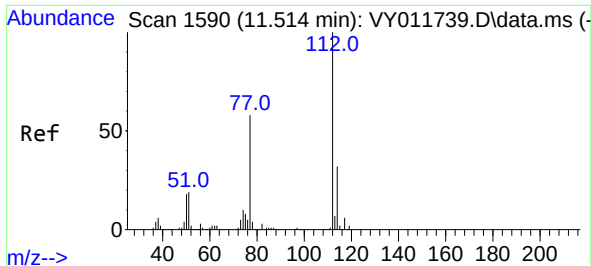
Tgt Ion:117 Resp: 301153
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 32.1 25.4 38.2



#64
Tetrachloroethene
Concen: 46.534 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion:164 Resp: 122664
Ion Ratio Lower Upper
164 100
166 130.1 102.3 153.5
129 91.4 77.2 115.8
131 89.3 72.5 108.7

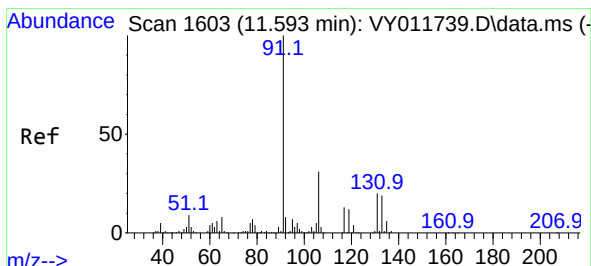
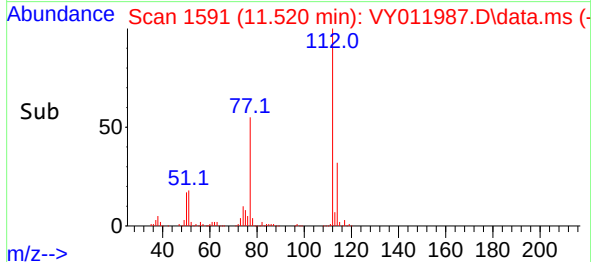
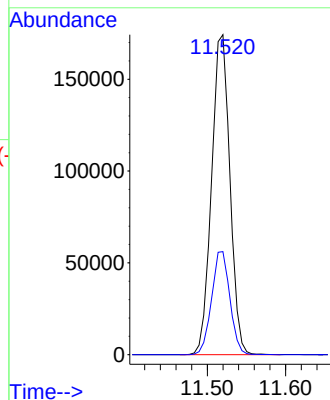
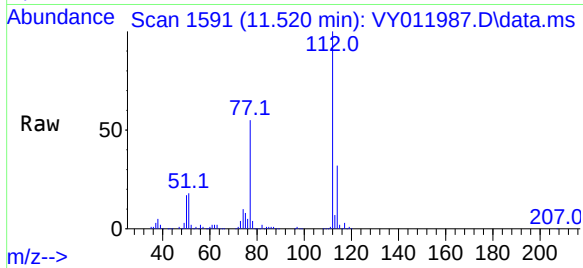




#65
Chlorobenzene
Concen: 45.296 ug/l
RT: 11.520 min Scan# 11590
Delta R.T. 0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

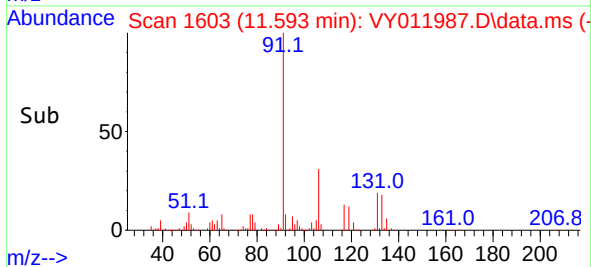
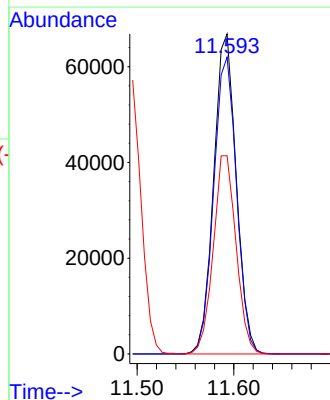
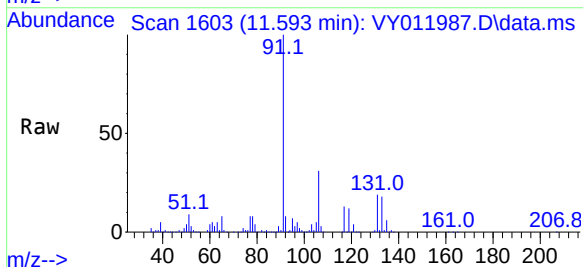
Instrument :
MSVOA_Y
ClientSampleId :

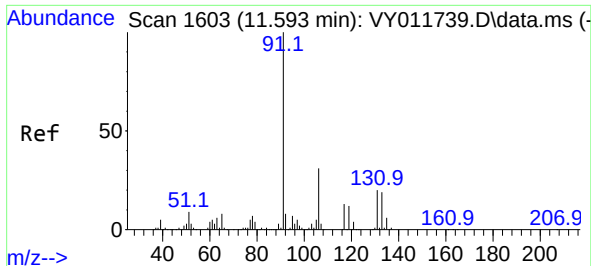
Tgt Ion:112 Resp: 283235
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 46.620 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion:131 Resp: 108462
Ion Ratio Lower Upper
131 100
133 93.8 47.3 142.0
119 62.6 32.1 96.3





#67

Ethyl Benzene

Concen: 46.134 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

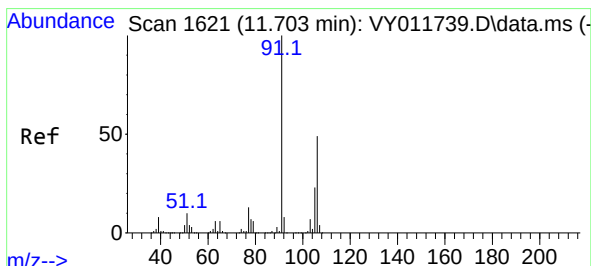
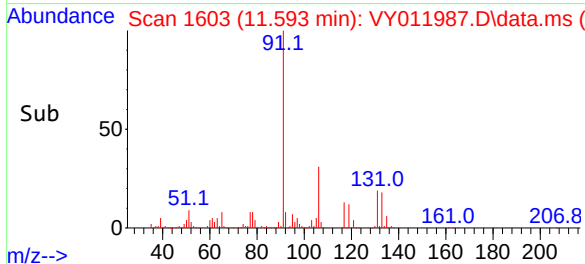
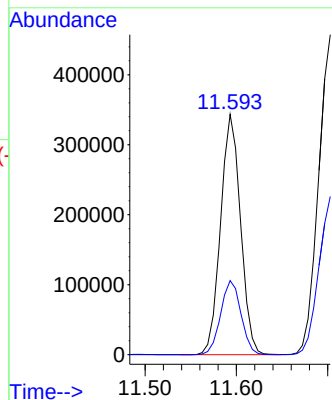
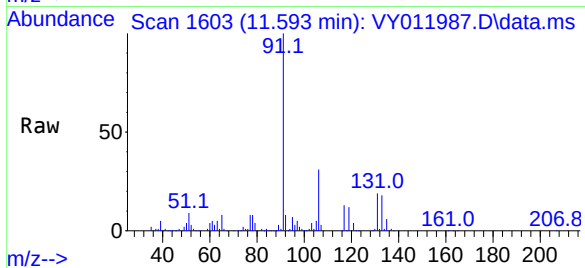
ClientSampleId :

Tgt Ion: 91 Resp: 521454

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 92.874 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY011987.D

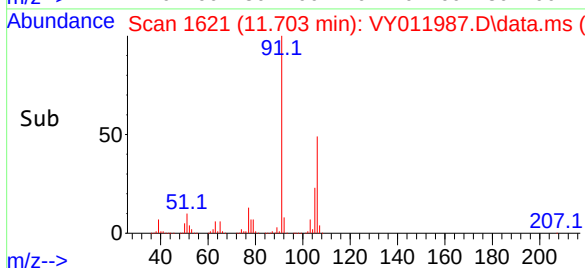
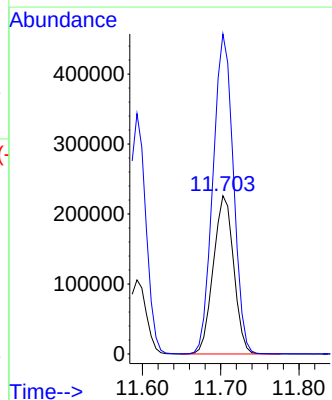
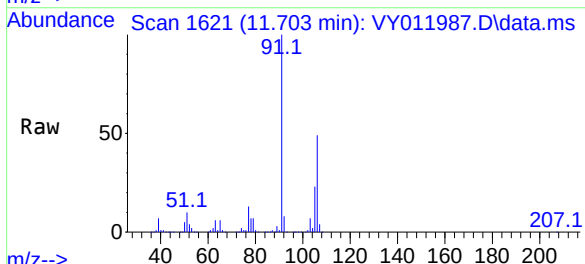
Acq: 23 Dec 2022 10:37

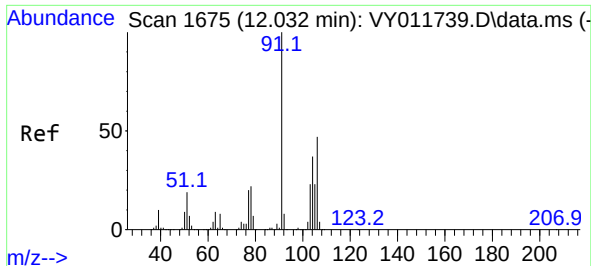
Tgt Ion:106 Resp: 408253

Ion Ratio Lower Upper

106 100

91 202.7 162.5 243.7

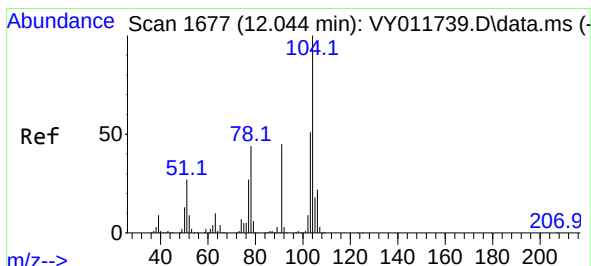
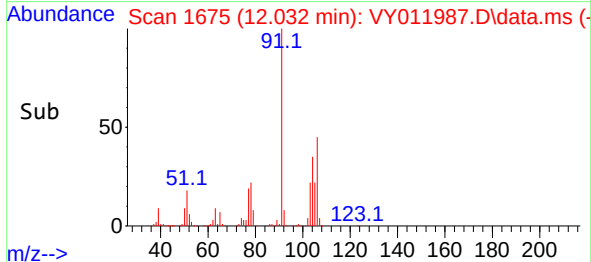
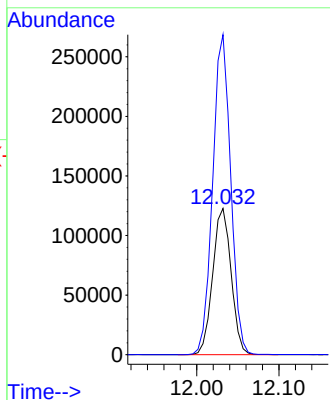
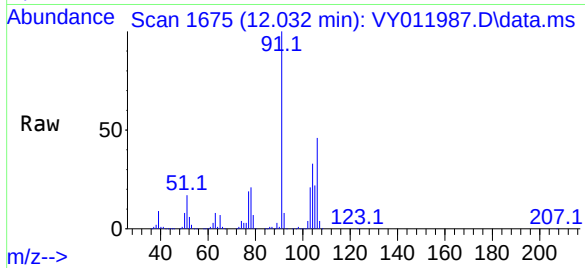




#69
o-Xylene
Concen: 46.809 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

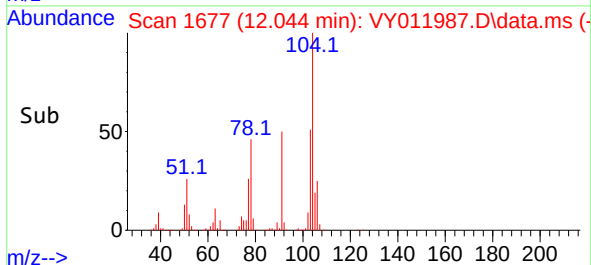
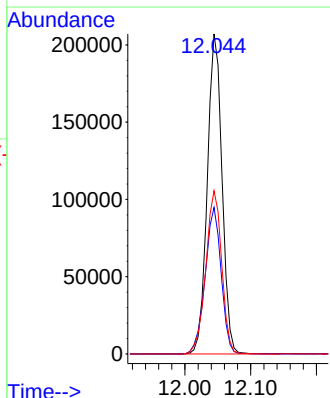
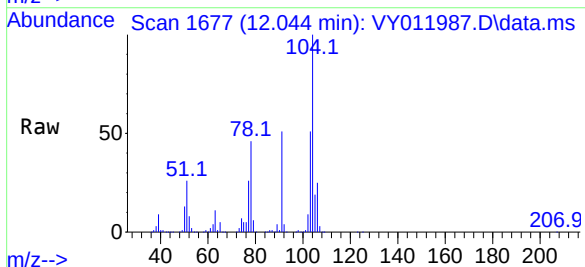
Instrument :
MSVOA_Y
ClientSampleId :

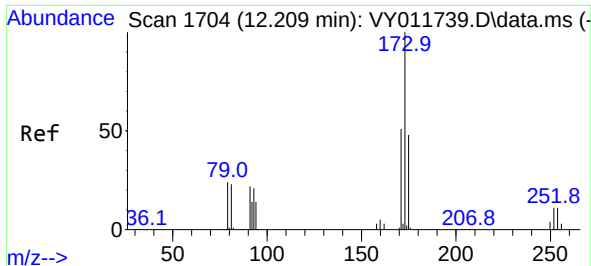
Tgt Ion:106 Resp: 191450
Ion Ratio Lower Upper
106 100
91 214.1 107.5 322.4



#70
Styrene
Concen: 47.057 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion:104 Resp: 323159
Ion Ratio Lower Upper
104 100
78 49.8 39.4 59.0
103 55.0 43.0 64.4

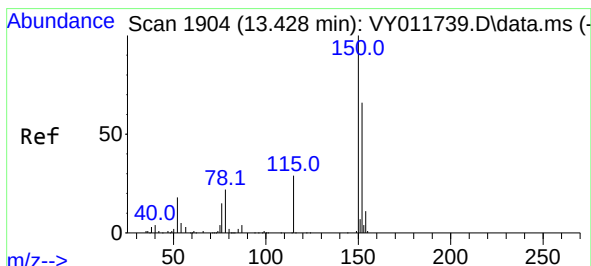
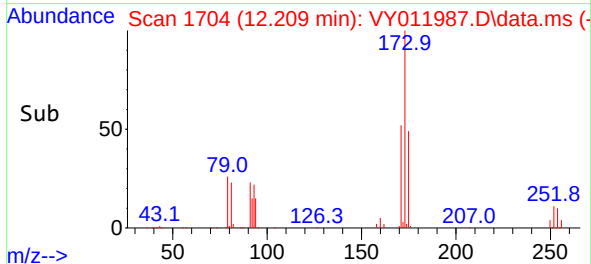
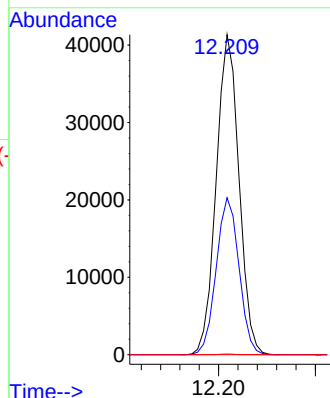
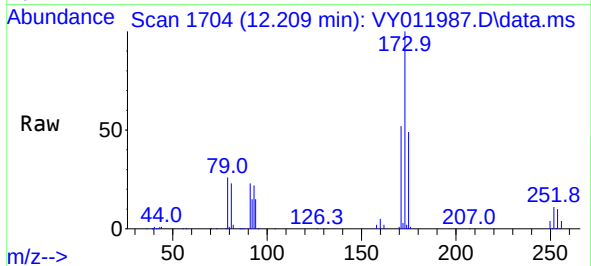




#71
Bromoform
Concen: 48.859 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

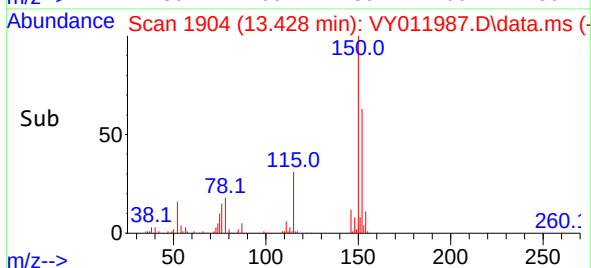
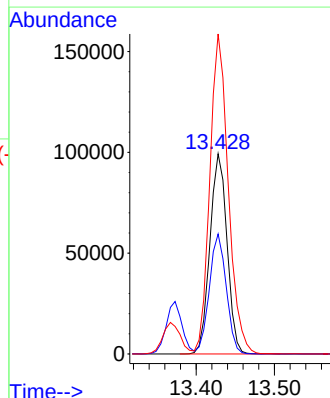
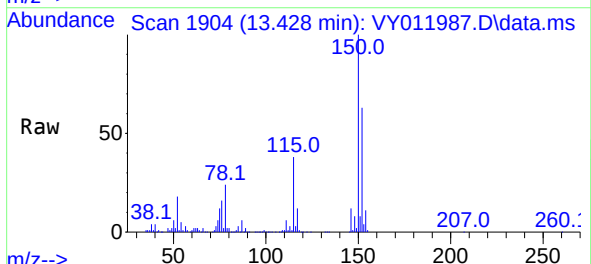
Instrument :
MSVOA_Y
ClientSampleId :

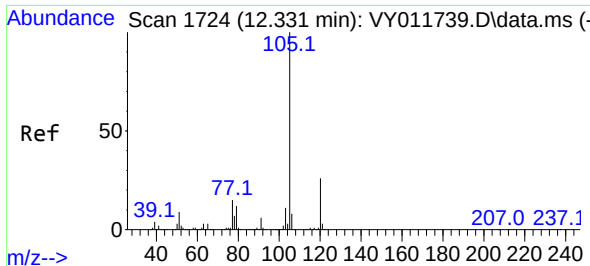
Tgt Ion:173 Resp: 67355
Ion Ratio Lower Upper
173 100
175 49.1 23.8 71.5
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion:152 Resp: 150420
Ion Ratio Lower Upper
152 100
115 59.3 29.1 87.3
150 172.6 0.0 342.6

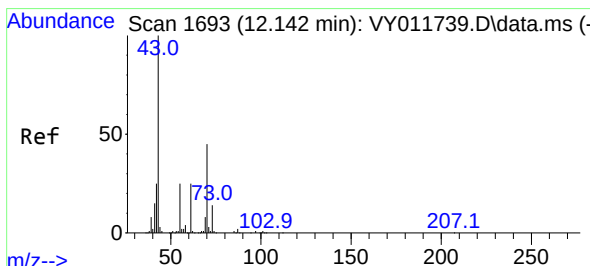
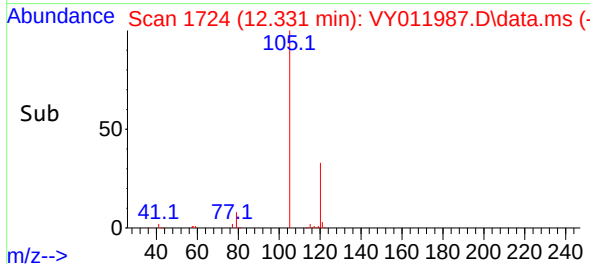
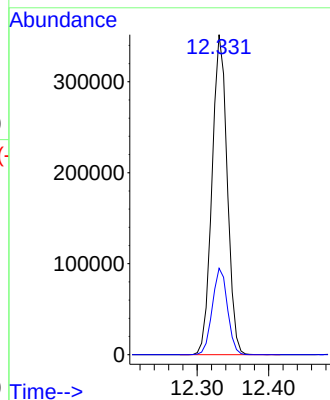
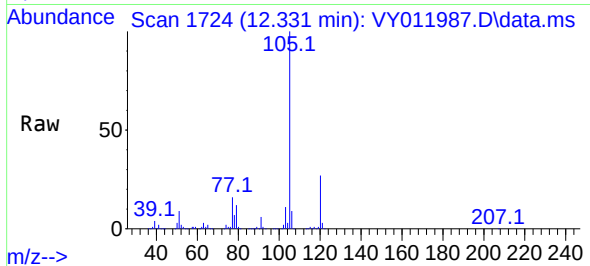




#73
Isopropylbenzene
Concen: 46.458 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

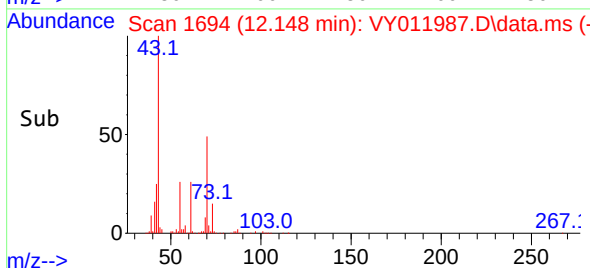
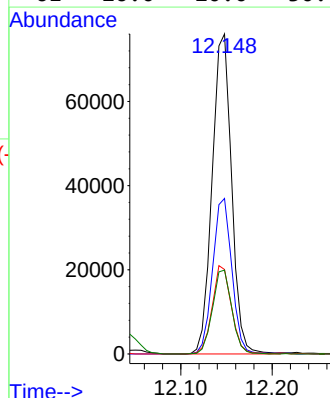
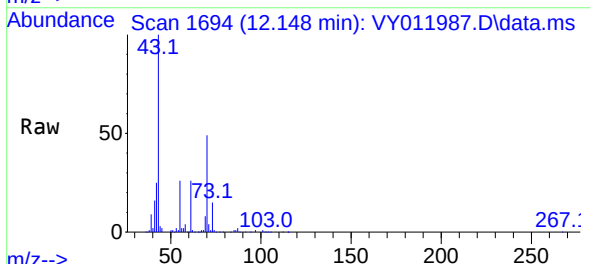
Instrument :
MSVOA_Y
ClientSampleId :

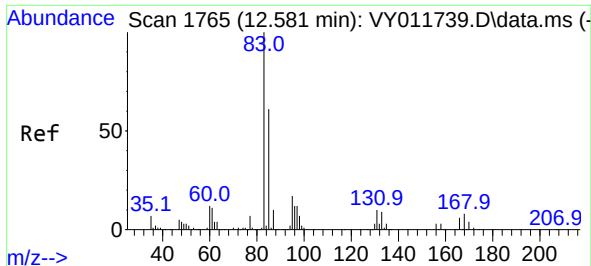
Tgt Ion:105 Resp: 518562
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 49.050 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 43 Resp: 112244
Ion Ratio Lower Upper
43 100
70 48.4 35.8 53.8
55 27.2 21.0 31.4
61 26.0 20.0 30.0

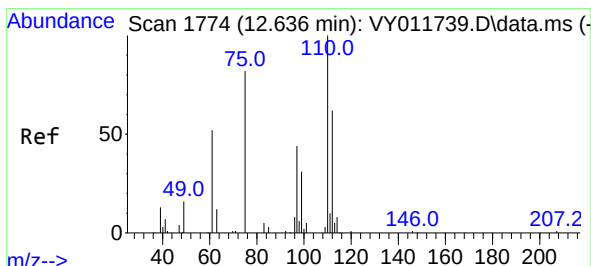
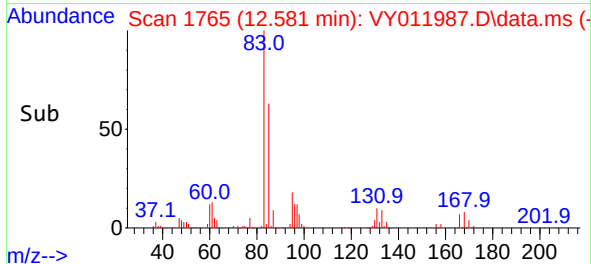
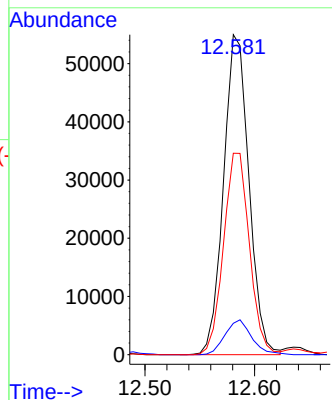
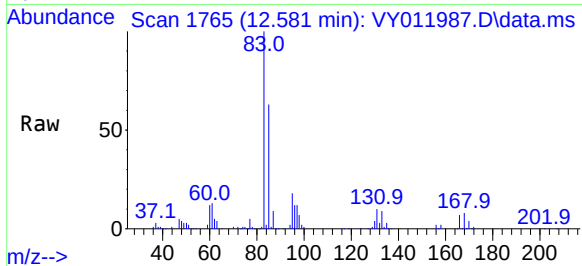




#75
1,1,2,2-Tetrachloroethane
Concen: 47.493 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

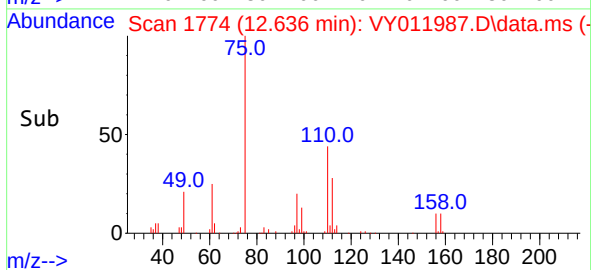
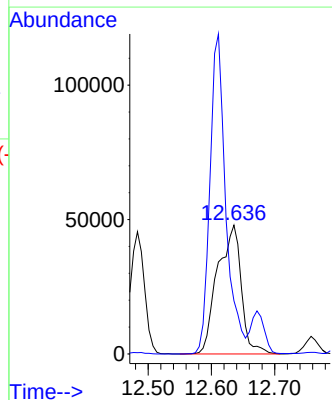
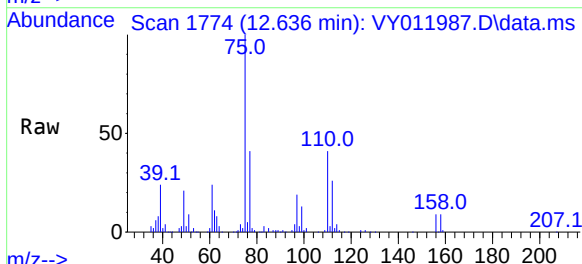
Instrument :
MSVOA_Y
ClientSampleId :

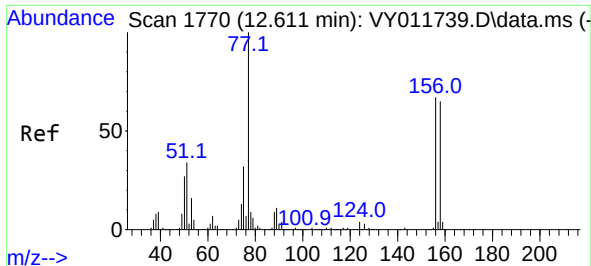
Tgt Ion: 83 Resp: 88437
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 64.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 66.756 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 75 Resp: 124949
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

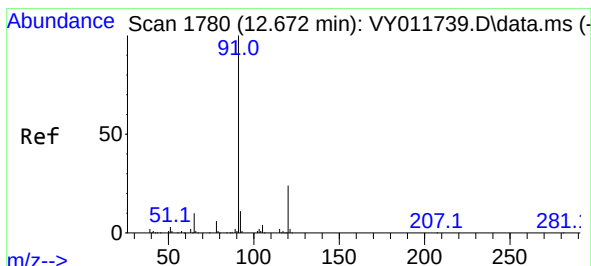
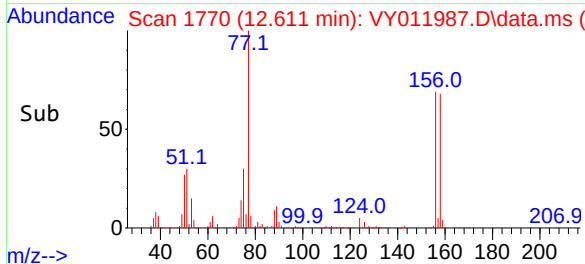
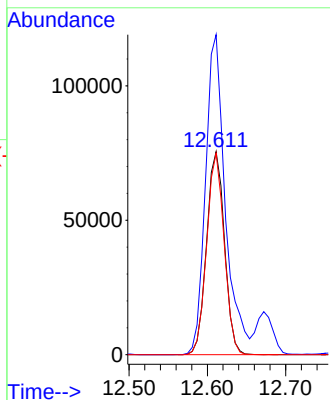
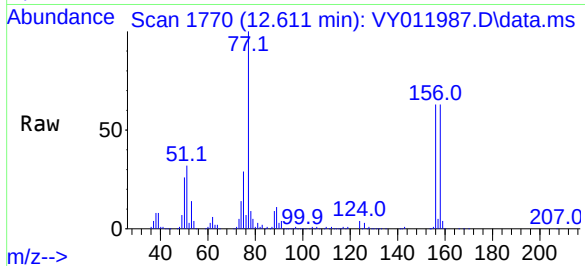




#77
Bromobenzene
Concen: 46.401 ug/l
RT: 12.611 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

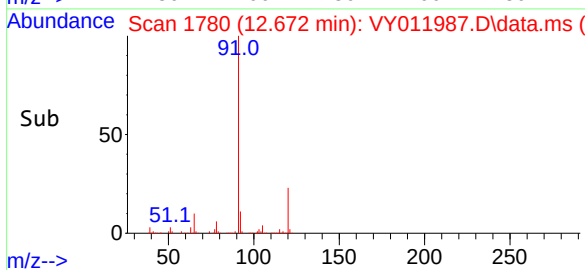
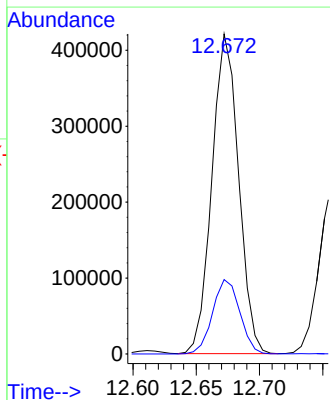
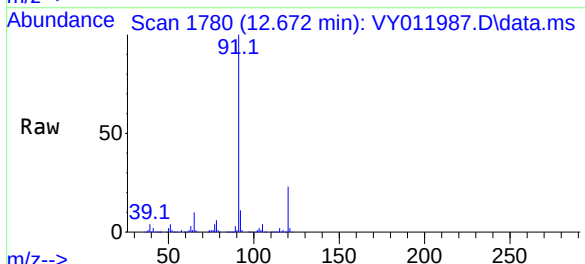
Instrument :
MSVOA_Y
ClientSampleId :

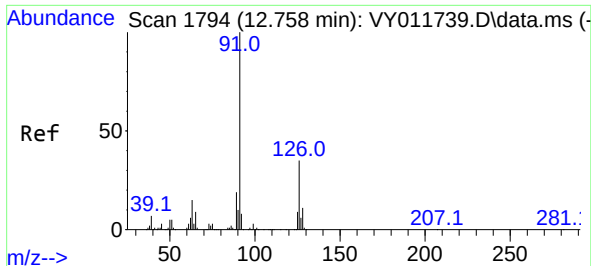
Tgt Ion:156 Resp: 119824
Ion Ratio Lower Upper
156 100
77 173.8 90.0 270.0
158 96.8 48.4 145.2



#78
n-propylbenzene
Concen: 45.981 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 91 Resp: 616932
Ion Ratio Lower Upper
91 100
120 23.8 11.8 35.4





#79

2-Chlorotoluene

Concen: 45.388 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

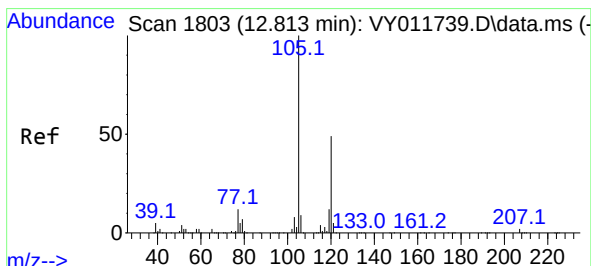
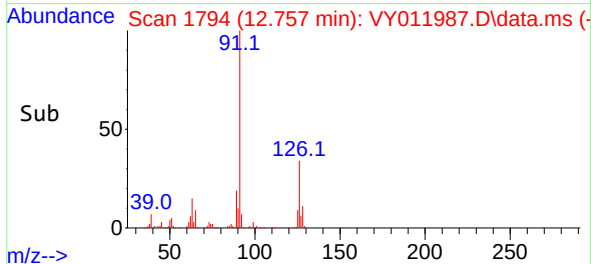
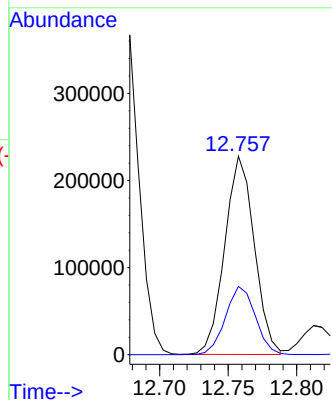
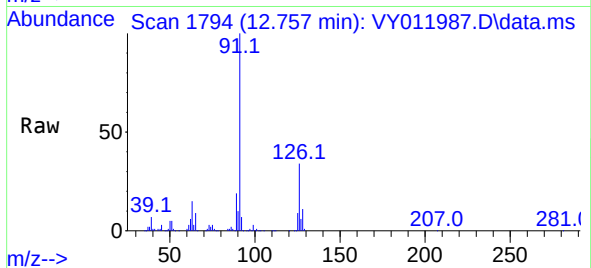
ClientSampleId :

Tgt Ion: 91 Resp: 342309

Ion Ratio Lower Upper

91 100

126 34.8 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 46.792 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011987.D

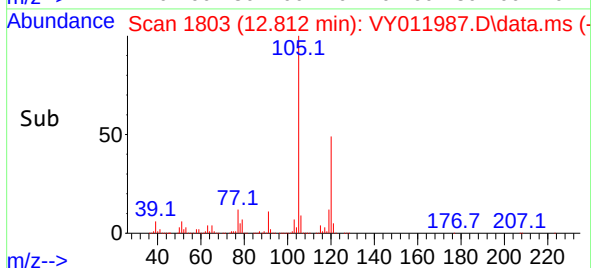
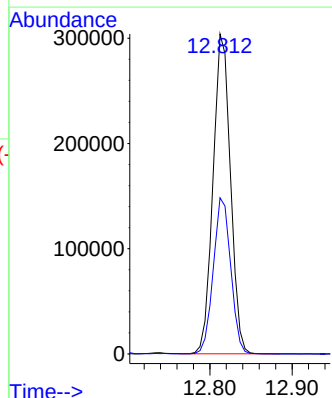
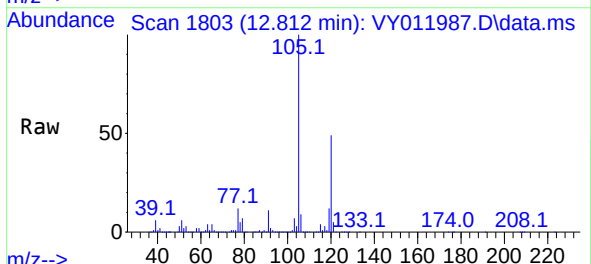
Acq: 23 Dec 2022 10:37

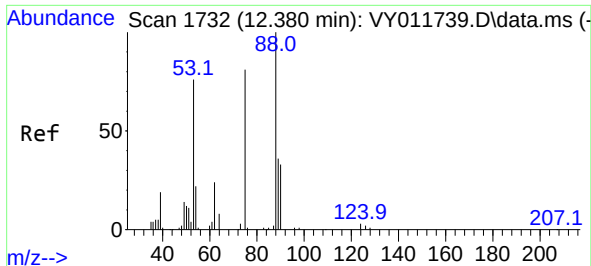
Tgt Ion:105 Resp: 447172

Ion Ratio Lower Upper

105 100

120 48.9 24.2 72.6

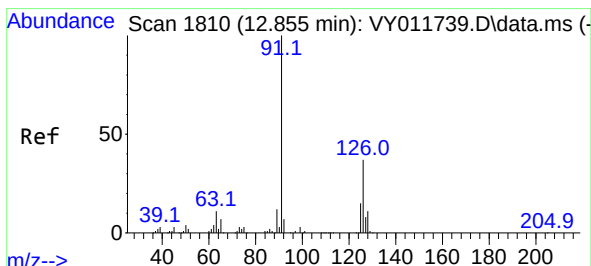
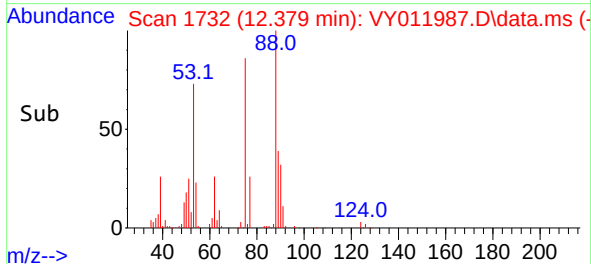
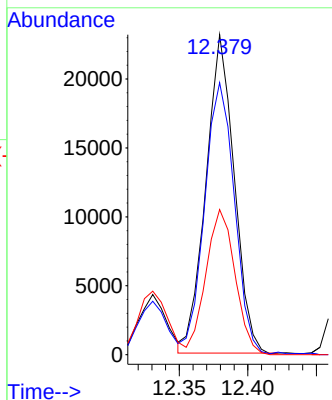
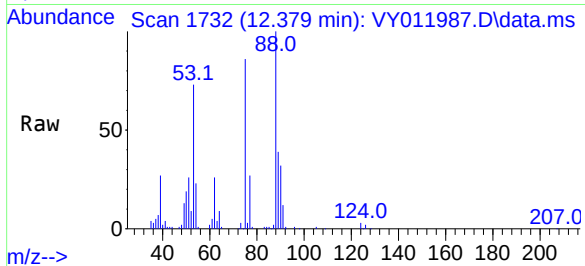




#81
trans-1,4-Dichloro-2-butene
Concen: 48.594 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

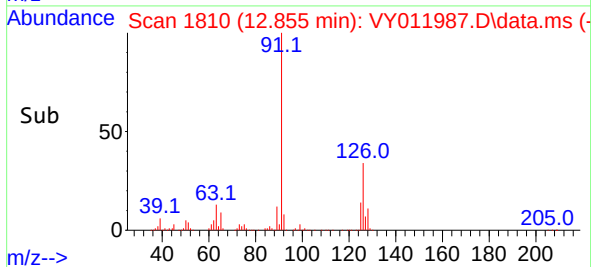
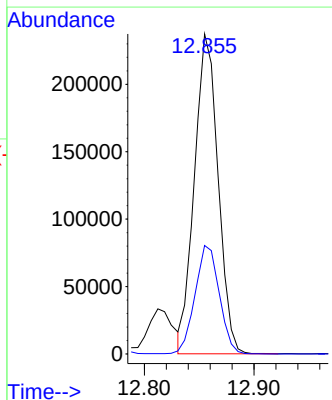
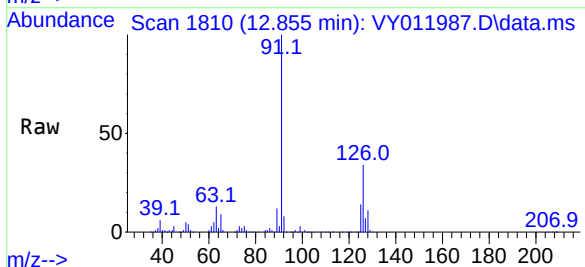
Instrument :
MSVOA_Y
ClientSampleId :

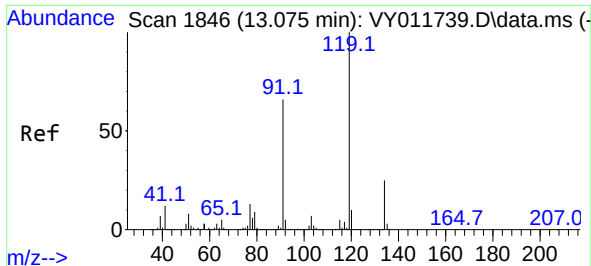
Tgt Ion: 75 Resp: 33213
Ion Ratio Lower Upper
75 100
53 90.9 72.5 108.7
89 46.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 45.579 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion: 91 Resp: 355672
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2

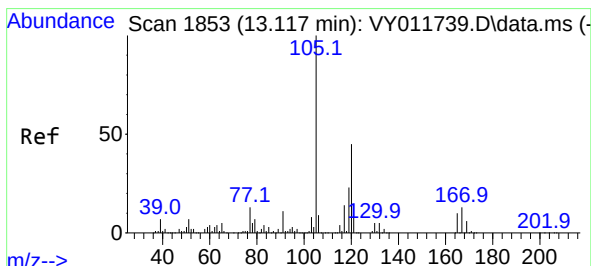
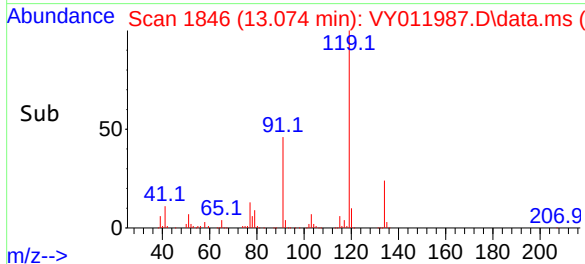
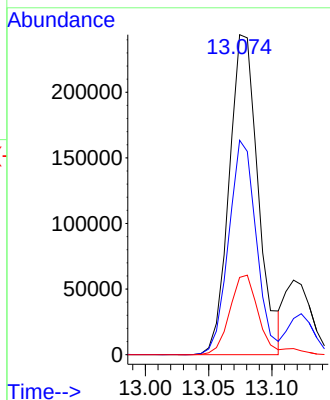
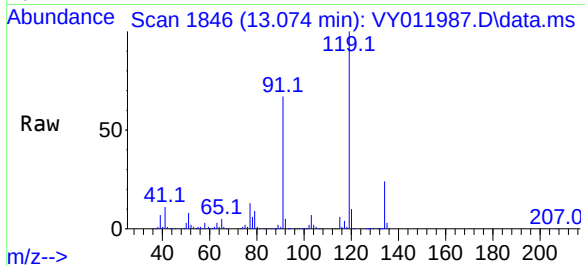




#83
tert-Butylbenzene
Concen: 48.191 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

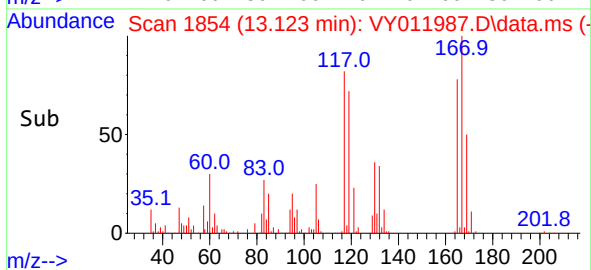
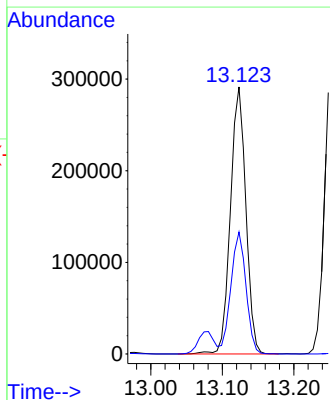
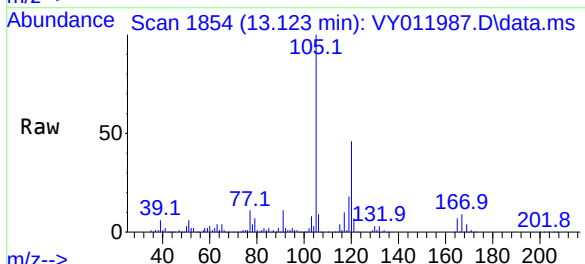
Instrument :
MSVOA_Y
ClientSampleId :

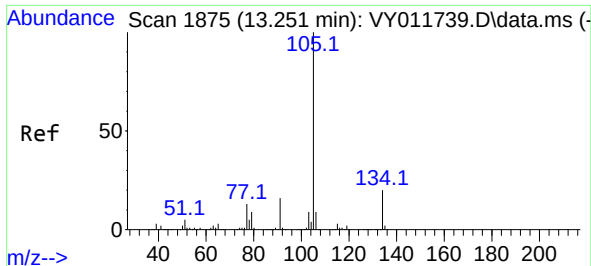
Tgt Ion:119 Resp: 390310
Ion Ratio Lower Upper
119 100
91 63.6 32.3 96.8
134 25.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 46.357 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion:105 Resp: 435832
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.7

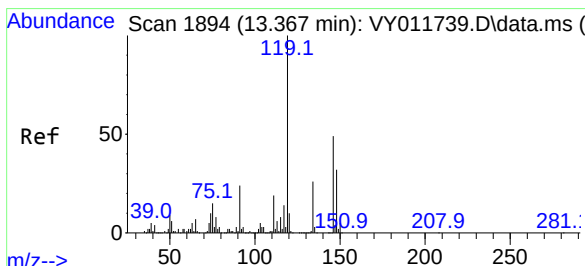
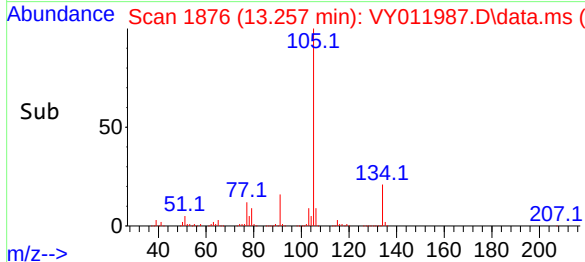
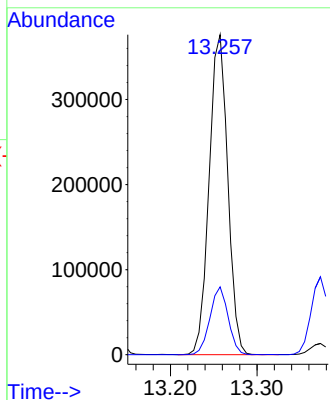
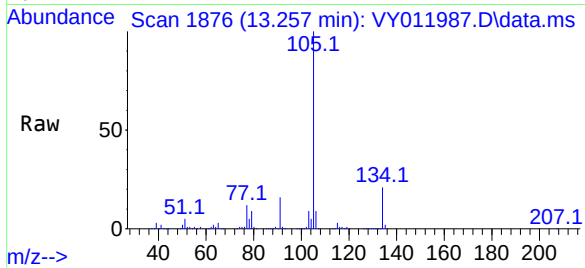




#85
 sec-Butylbenzene
 Concen: 46.388 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY011987.D
 Acq: 23 Dec 2022 10:37

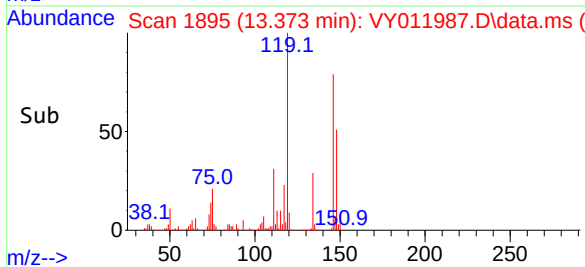
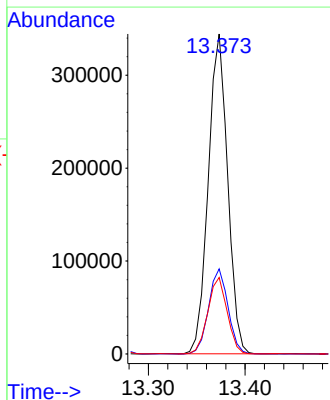
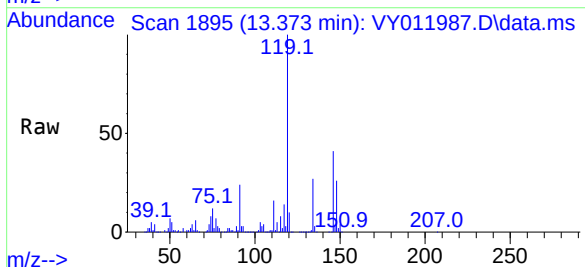
Instrument :
 MSVOA_Y
 ClientSampleId :

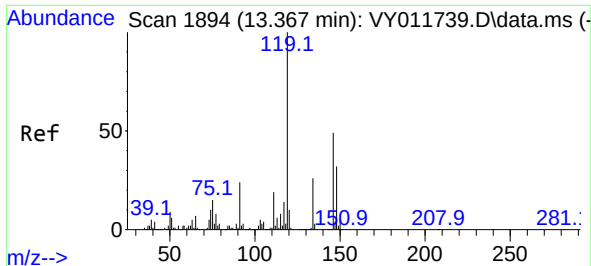
Tgt Ion:105 Resp: 561023
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 46.975 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY011987.D
 Acq: 23 Dec 2022 10:37

Tgt Ion:119 Resp: 479366
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 24.0 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 45.916 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

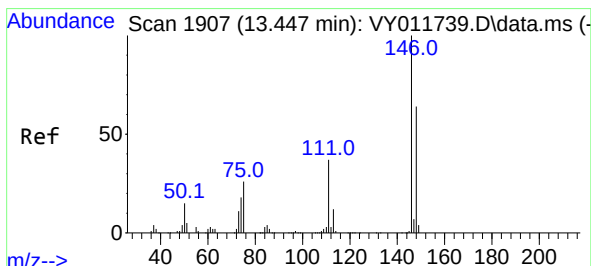
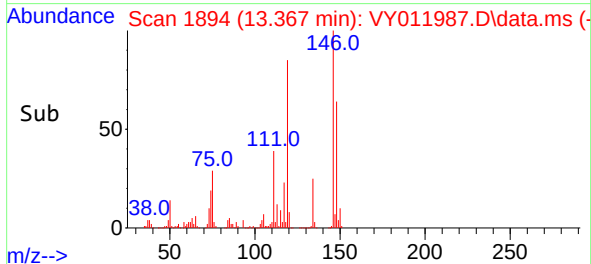
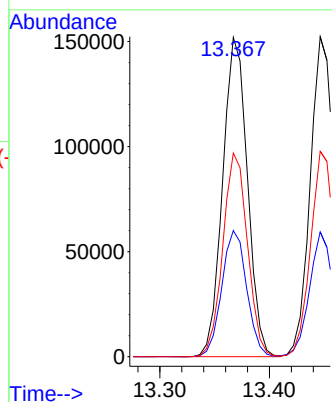
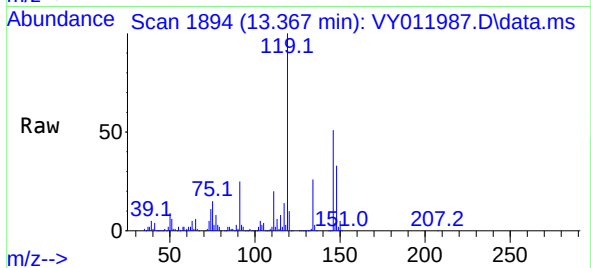
Tgt Ion:146 Resp: 238458

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 63.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 45.427 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

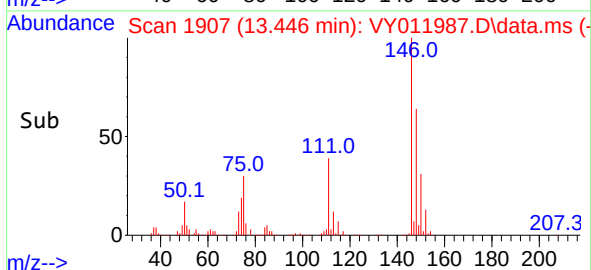
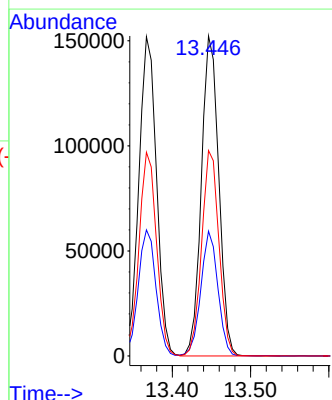
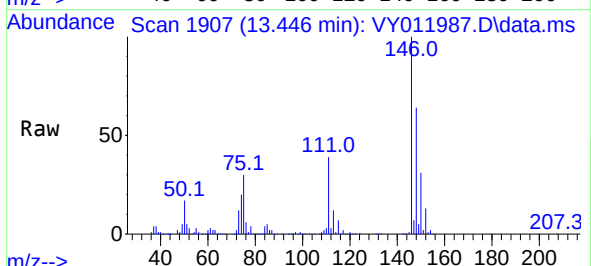
Tgt Ion:146 Resp: 234536

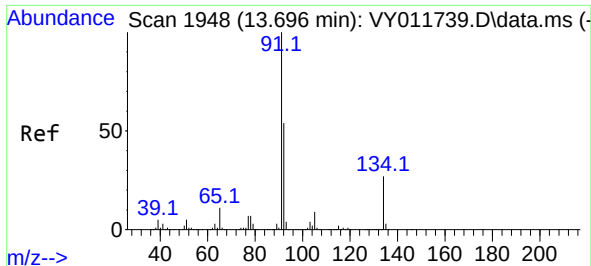
Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 46.303 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

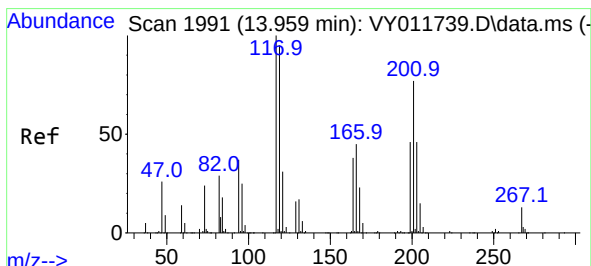
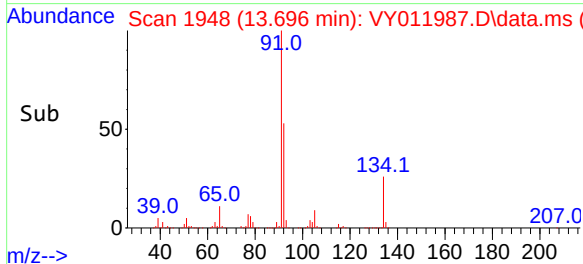
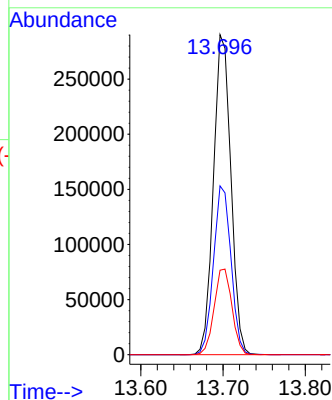
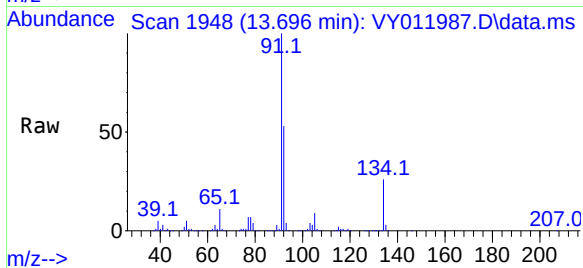
Tgt Ion: 91 Resp: 427750

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.4

134 27.4 13.3 39.8



#90

Hexachloroethane

Concen: 45.909 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY011987.D

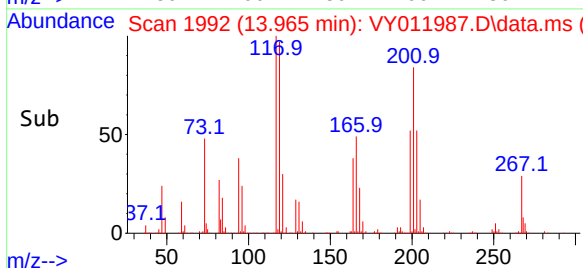
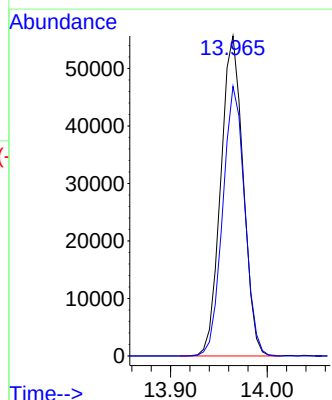
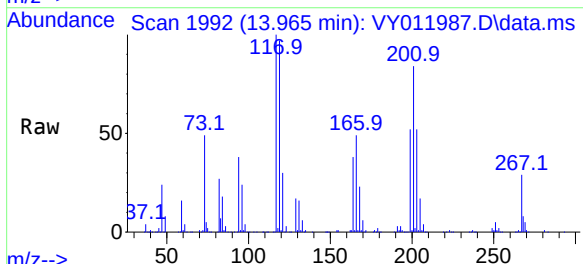
Acq: 23 Dec 2022 10:37

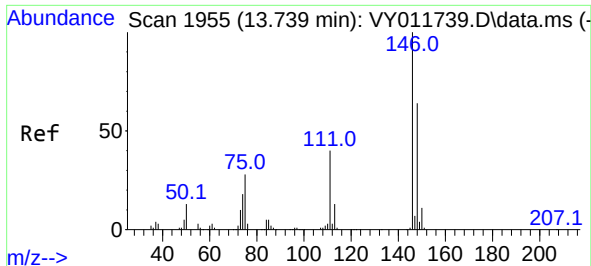
Tgt Ion: 117 Resp: 89391

Ion Ratio Lower Upper

117 100

201 82.6 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 46.156 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

Instrument :

MSVOA_Y

ClientSampleId :

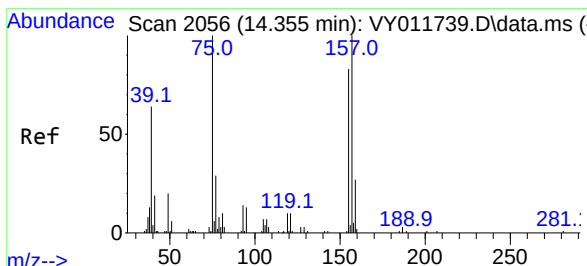
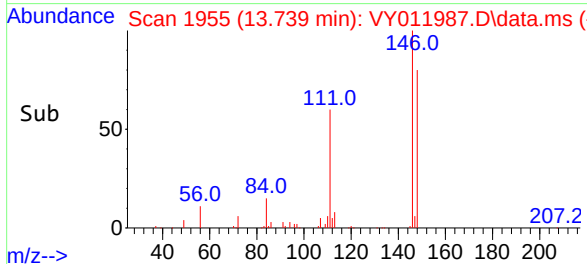
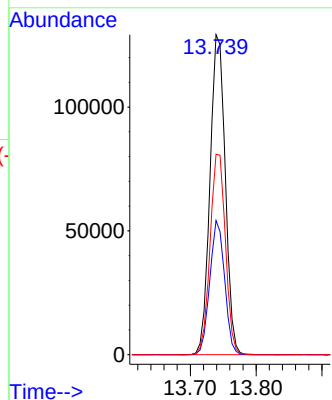
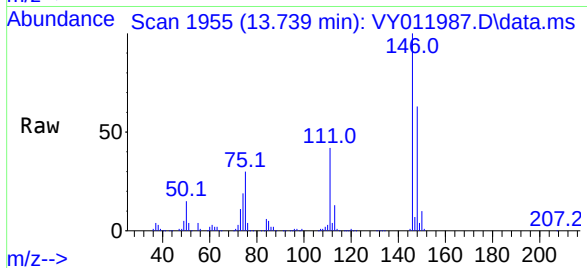
Tgt Ion:146 Resp: 208976

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.8

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.529 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY011987.D

Acq: 23 Dec 2022 10:37

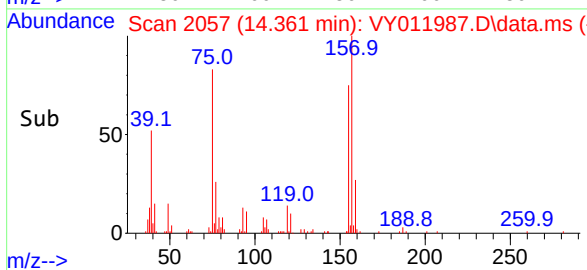
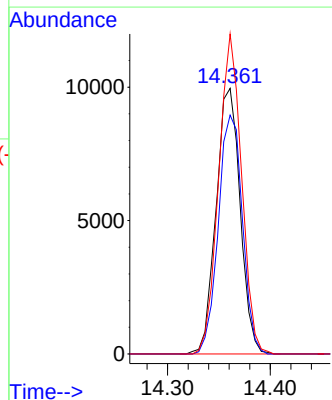
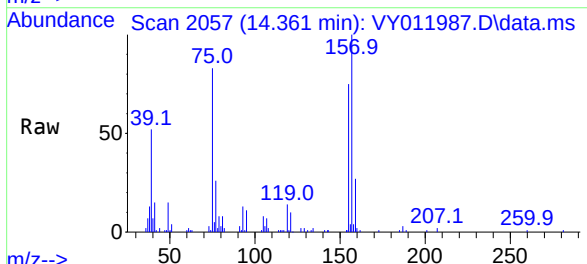
Tgt Ion: 75 Resp: 16170

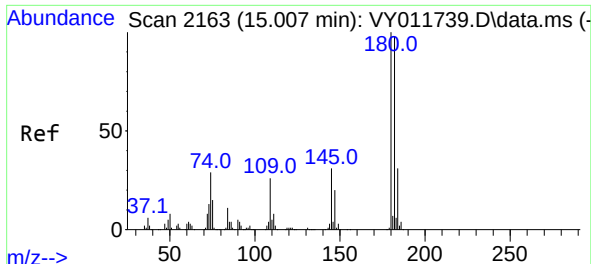
Ion Ratio Lower Upper

75 100

155 90.0 42.3 126.8

157 114.5 54.4 163.3

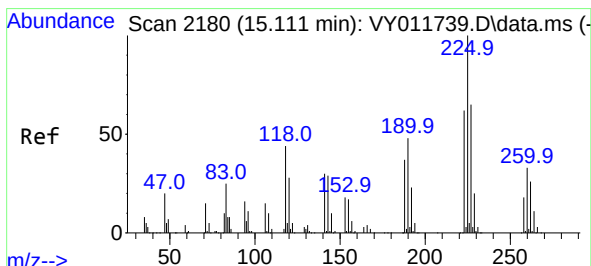
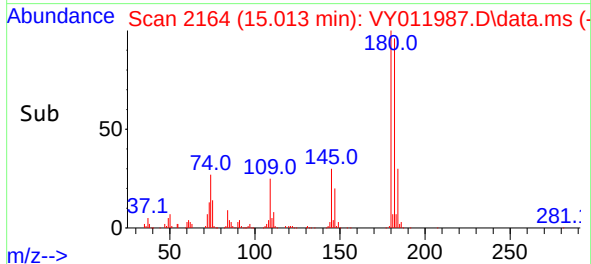
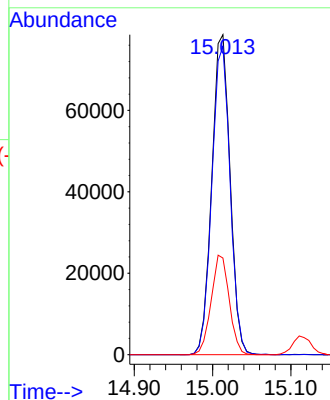
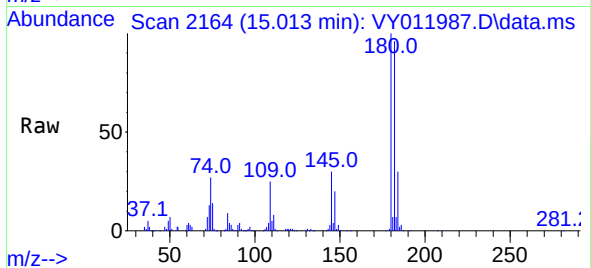




#93
1,2,4-Trichlorobenzene
Concen: 47.875 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

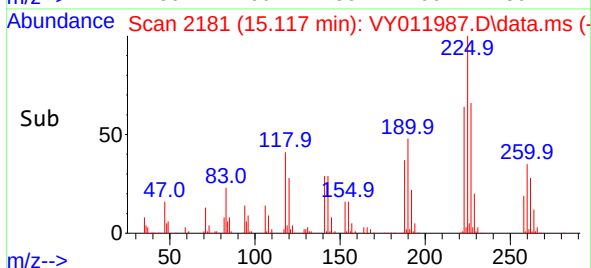
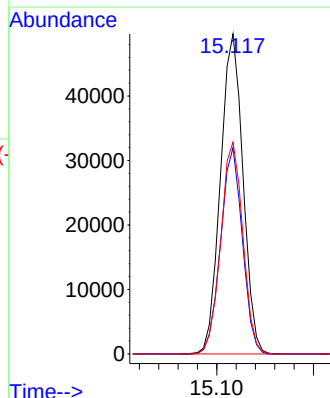
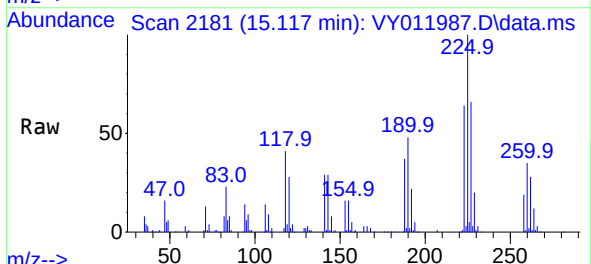
Instrument :
MSVOA_Y
ClientSampleId :

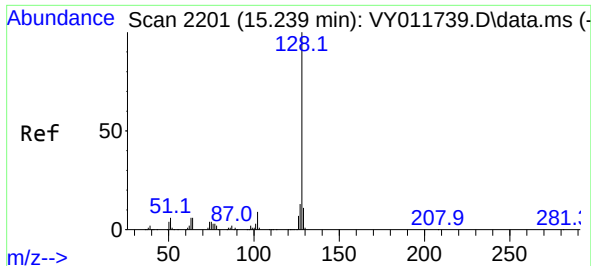
Tgt Ion:180 Resp: 127510
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.3
145 30.7 15.4 46.4



#94
Hexachlorobutadiene
Concen: 46.476 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

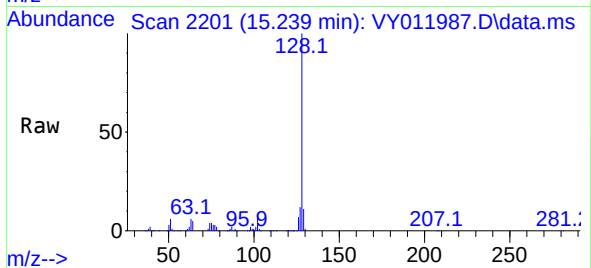
Tgt Ion:225 Resp: 79984
Ion Ratio Lower Upper
225 100
223 62.1 31.4 94.2
227 65.0 32.6 97.8



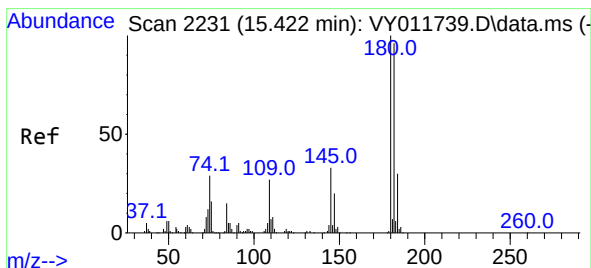
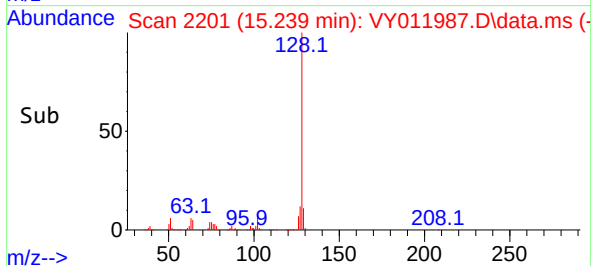
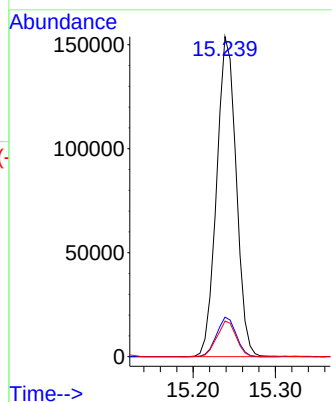


#95
Naphthalene
Concen: 46.192 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 254651
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.215 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY011987.D
Acq: 23 Dec 2022 10:37

Tgt Ion:180 Resp: 110822
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.7
145 32.7 16.1 48.2

