

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011887.D
 Acq On : 15 Dec 2022 21:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 16 00:17:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	323835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69276	48.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.300%
35) Dibromofluoromethane	7.716	113	73077	50.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.179	98	219105	45.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.483	95	95620	51.022	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44721	48.243	ug/l	98
3) Chloromethane	2.113	50	54386	48.764	ug/l	98
4) Vinyl Chloride	2.253	62	63344	47.436	ug/l	99
5) Bromomethane	2.649	94	46482	52.208	ug/l	99
6) Chloroethane	2.796	64	45808	44.384	ug/l	97
7) Trichlorofluoromethane	3.125	101	131082	45.816	ug/l	99
8) Diethyl Ether	3.527	74	47273	47.172	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	78991	46.250	ug/l	99
10) Methyl Iodide	4.094	142	95963	47.989	ug/l	98
11) Tert butyl alcohol	4.948	59	41923	250.664	ug/l	98
12) 1,1-Dichloroethene	3.869	96	70379	45.692	ug/l	99
13) Acrolein	3.729	56	55948	190.687	ug/l	99
14) Allyl chloride	4.485	41	117301	45.846	ug/l	98
15) Acrylonitrile	5.161	53	127870	237.723	ug/l	100
16) Acetone	3.942	43	105471	185.588	ug/l	96
17) Carbon Disulfide	4.198	76	149533	42.510	ug/l	98
18) Methyl Acetate	4.485	43	60122	44.223	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	241246	50.022	ug/l	98
20) Methylene Chloride	4.716	84	113715	57.036	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	80417	46.451	ug/l	98
22) Diisopropyl ether	6.118	45	281808	50.483	ug/l	97
23) Vinyl Acetate	6.057	43	827083	259.709	ug/l	99
24) 1,1-Dichloroethane	6.021	63	163600	48.228	ug/l	98
25) 2-Butanone	6.984	43	156343	213.871	ug/l	100
26) 2,2-Dichloropropane	6.984	77	149910	46.972	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	106200	50.192	ug/l	98
28) Bromochloromethane	7.332	49	62299	50.446	ug/l	97
29) Tetrahydrofuran	7.344	42	97912	235.323	ug/l	98
30) Chloroform	7.508	83	182125	50.220	ug/l	98
31) Cyclohexane	7.783	56	117192	48.238	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	160757	49.705	ug/l	100
36) 1,1-Dichloropropene	7.917	75	117010	47.615	ug/l	99
37) Ethyl Acetate	7.069	43	67162	46.748	ug/l	98
38) Carbon Tetrachloride	7.905	117	144243	49.970	ug/l	96
39) Methylcyclohexane	9.185	83	128877	46.610	ug/l	99
40) Benzene	8.161	78	359989	49.036	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	94060	129.690	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	113543	50.014	ug/l	100
43) Isopropyl Acetate	8.270	43	125392	48.133	ug/l	99
44) Trichloroethene	8.941	130	99081	48.190	ug/l	96
45) 1,2-Dichloropropane	9.215	63	94018	49.481	ug/l	99
46) Dibromomethane	9.307	93	53049	49.877	ug/l	99
47) Bromodichloromethane	9.496	83	142035	51.691	ug/l	98
48) Methyl methacrylate	9.295	41	55503	48.333	ug/l	96
49) 1,4-Dioxane	9.301	88	14332	972.673	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	357738	249.216	ug/l	99
52) Toluene	10.246	92	236458	50.665	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	138320	50.396	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	154142	49.985	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	81139	51.614	ug/l	99
56) Ethyl methacrylate	10.508	69	103907	51.202	ug/l	99
57) 1,3-Dichloropropane	10.788	76	132964	50.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	241065	256.178	ug/l	99
59) 2-Hexanone	10.831	43	243502	237.421	ug/l	99
60) Dibromochloromethane	10.983	129	103245	52.436	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71544	50.236	ug/l	100
64) Tetrachloroethene	10.721	164	102334	49.163	ug/l	98
65) Chlorobenzene	11.514	112	261281	49.288	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	106633	51.851	ug/l	99
67) Ethyl Benzene	11.593	91	465661	49.853	ug/l	99
68) m/p-Xylenes	11.703	106	358712	100.280	ug/l	100
69) o-Xylene	12.032	106	174757	51.254	ug/l	99
70) Styrene	12.044	104	299547	51.474	ug/l	99
71) Bromoform	12.209	173	65914	51.963	ug/l #	100
73) Isopropylbenzene	12.331	105	476283	50.672	ug/l	99
74) N-amyl acetate	12.142	43	108496	48.009	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	90092	49.216	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	122002	83.121	ug/l #	100
77) Bromobenzene	12.611	156	111803	50.945	ug/l	99
78) n-propylbenzene	12.672	91	564637	50.127	ug/l	100
79) 2-Chlorotoluene	12.757	91	320999	49.933	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	403135	50.742	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	30556	47.240	ug/l	98
82) 4-Chlorotoluene	12.855	91	333814	50.064	ug/l	99
83) tert-Butylbenzene	13.074	119	358472	51.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	400015	51.137	ug/l	99
85) sec-Butylbenzene	13.251	105	522902	50.755	ug/l	99
86) p-Isopropyltoluene	13.367	119	440336	51.352	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	223113	50.519	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	219133	49.923	ug/l	99
89) n-Butylbenzene	13.696	91	391993	50.288	ug/l	99
90) Hexachloroethane	13.958	117	85899	50.413	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	200590	50.472	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15235	47.737	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	120363	51.926	ug/l	98
94) Hexachlorobutadiene	15.111	225	74449	50.550	ug/l	99
95) Naphthalene	15.233	128	241417	53.774	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	104847	52.366	ug/l	99

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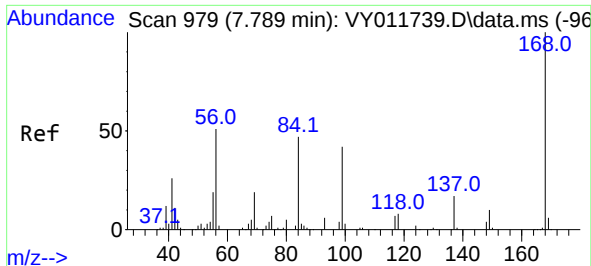
Quant Time: Dec 16 00:17:18 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

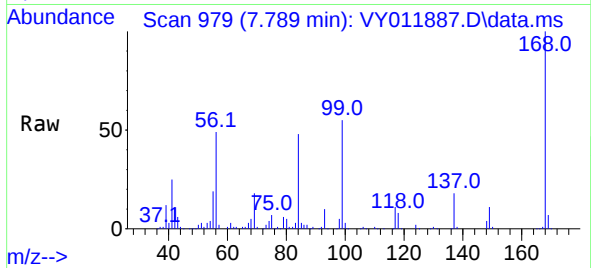
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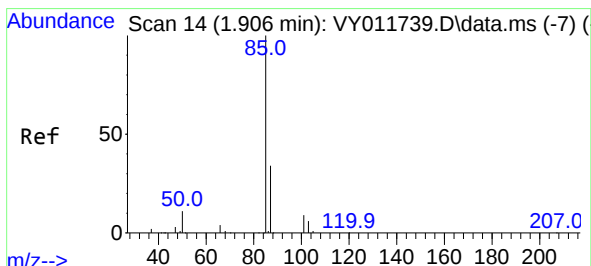
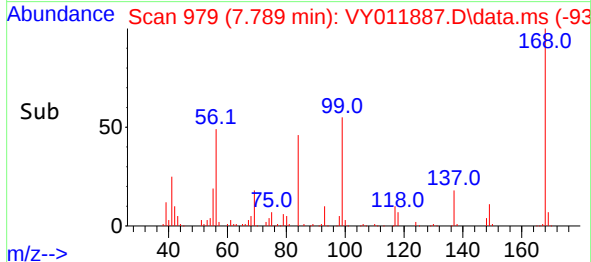
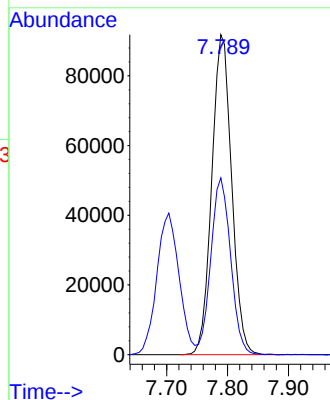


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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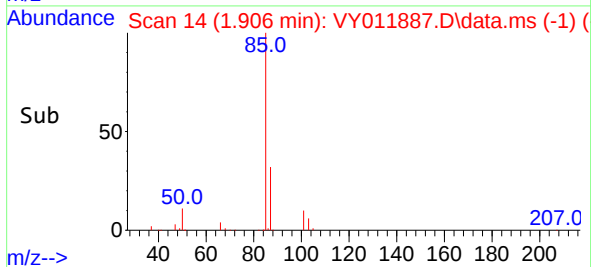
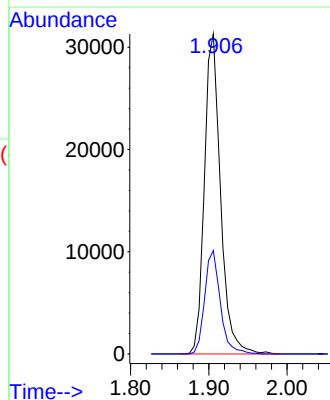
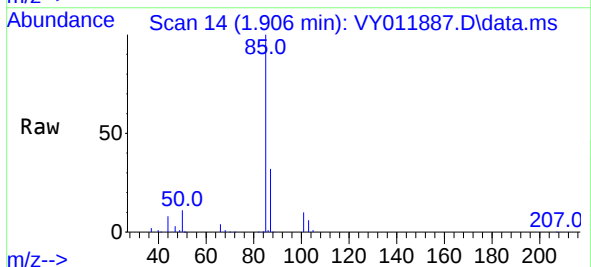


Tgt Ion:168 Resp: 208130
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0

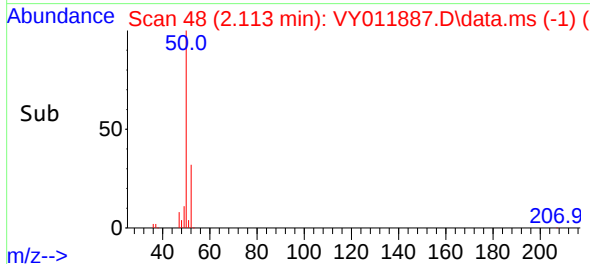
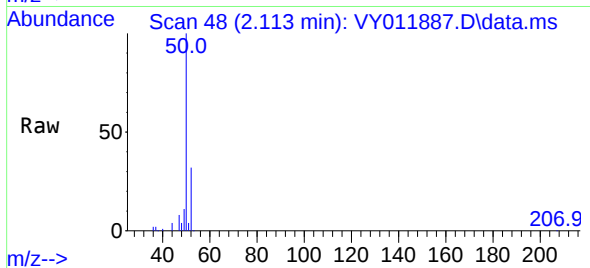
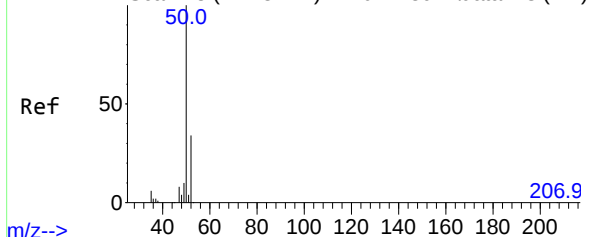


#2
Dichlorodifluoromethane
Concen: 48.243 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 85 Resp: 44721
Ion Ratio Lower Upper
85 100
87 32.3 16.8 50.4



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



#3

Chloromethane

Concen: 48.764 ug/l

RT: 2.113 min Scan# 48

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

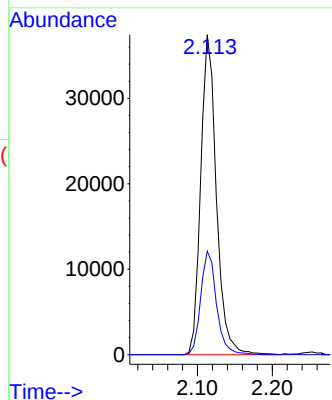
VSTDCCC050EC

Tgt Ion: 50 Resp: 54386

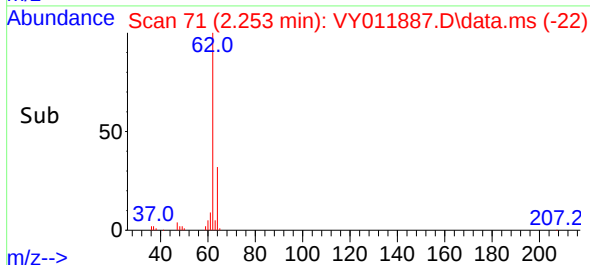
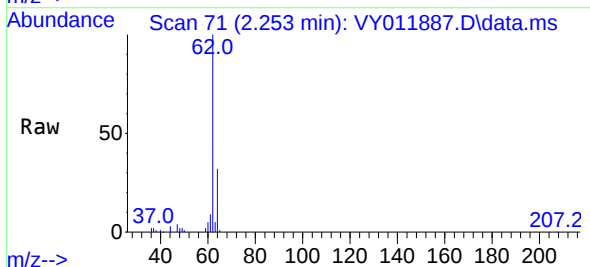
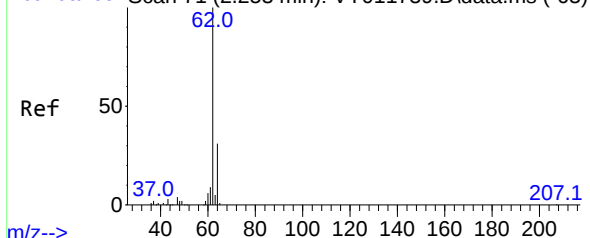
Ion Ratio Lower Upper

50 100

52 32.3 26.8 40.2



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



#4

Vinyl Chloride

Concen: 47.436 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY011887.D

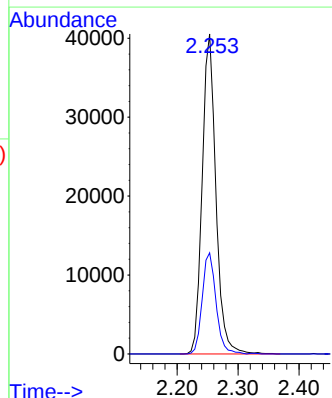
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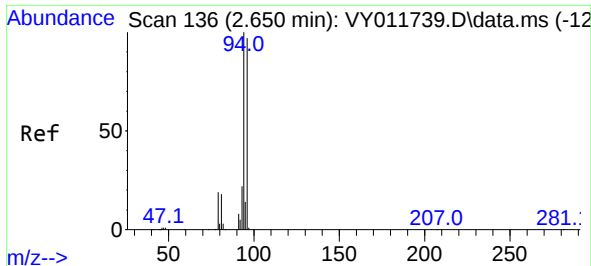
Tgt Ion: 62 Resp: 63344

Ion Ratio Lower Upper

62 100

64 31.6 25.0 37.6

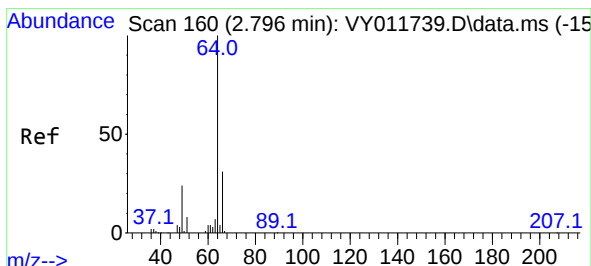
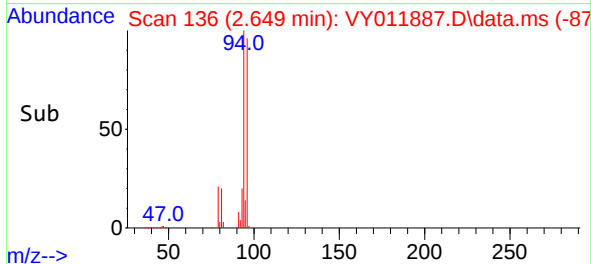
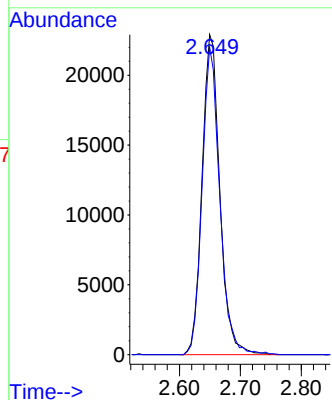
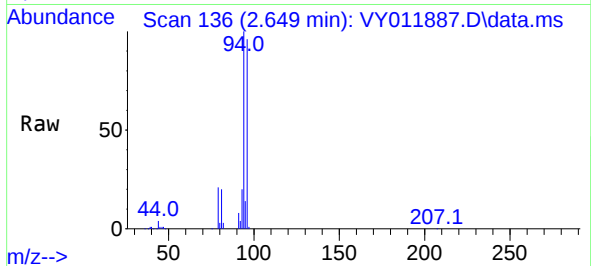




#5
Bromomethane
Concen: 52.208 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

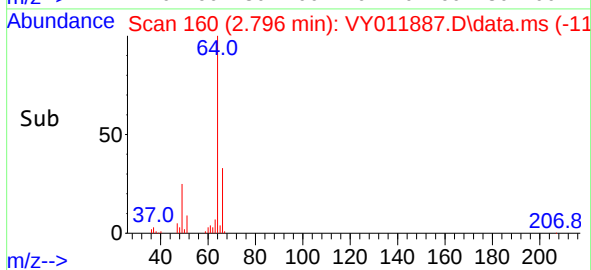
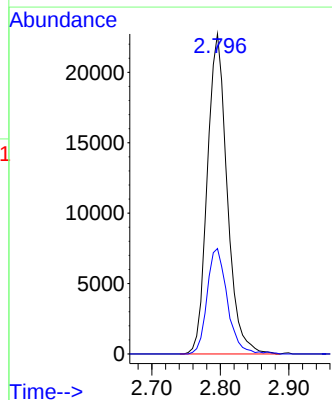
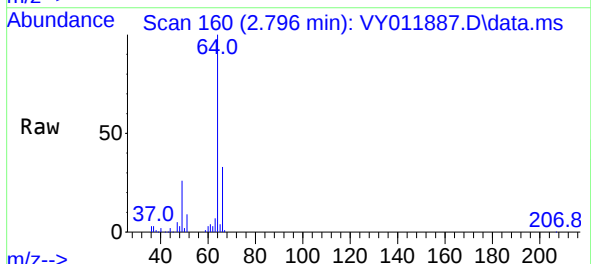
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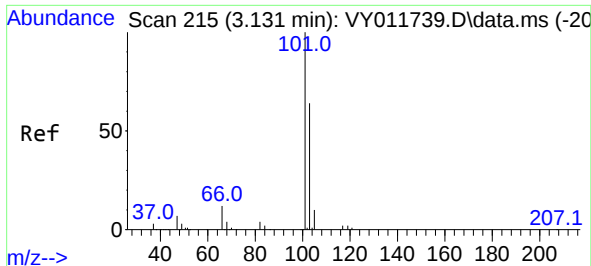
Tgt Ion: 94 Resp: 46482
Ion Ratio Lower Upper
94 100
96 96.1 77.4 116.2



#6
Chloroethane
Concen: 44.384 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 64 Resp: 45808
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.4

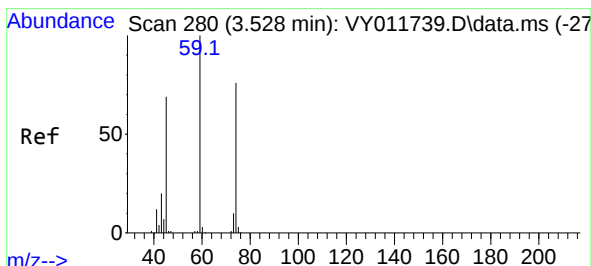
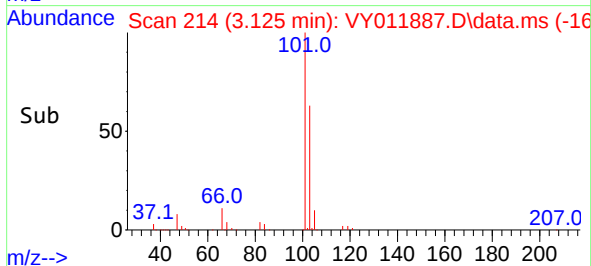
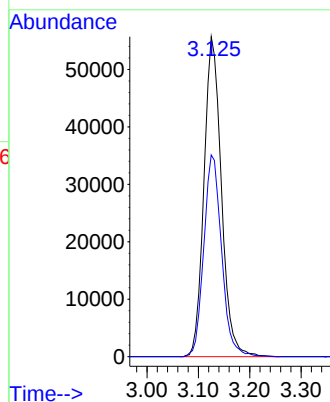
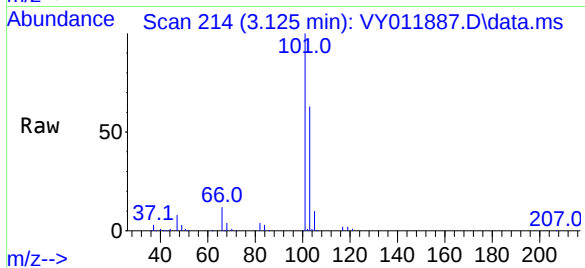




#7
Trichlorofluoromethane
Concen: 45.816 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

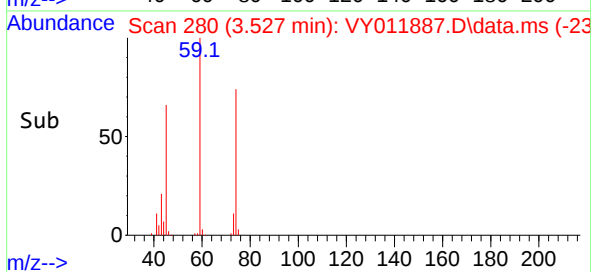
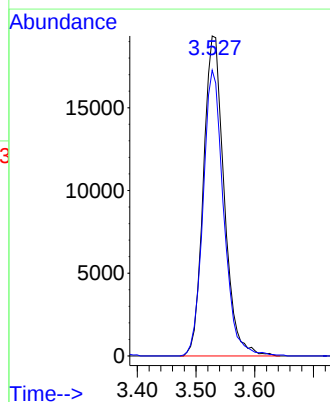
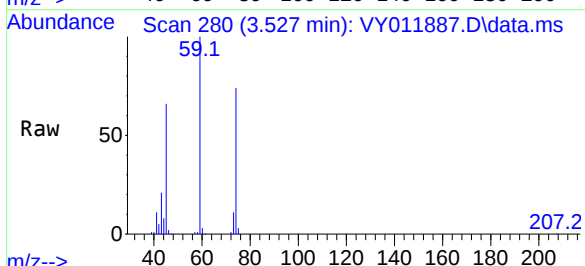
Instrument :
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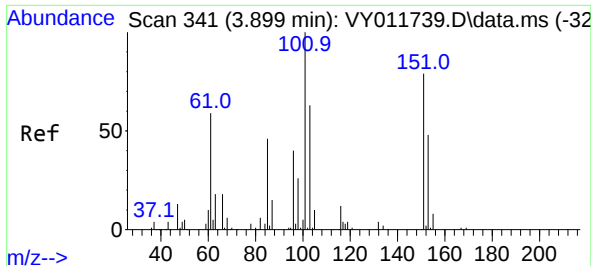
Tgt Ion:101 Resp: 131082
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.6



#8
Diethyl Ether
Concen: 47.172 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 74 Resp: 47273
Ion Ratio Lower Upper
74 100
45 88.9 46.8 140.3

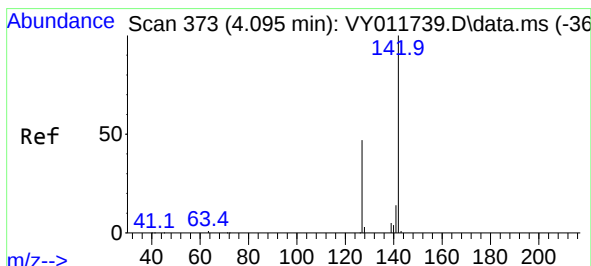
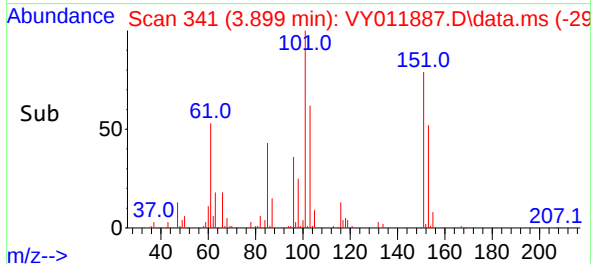
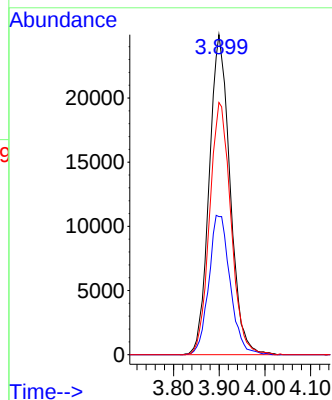
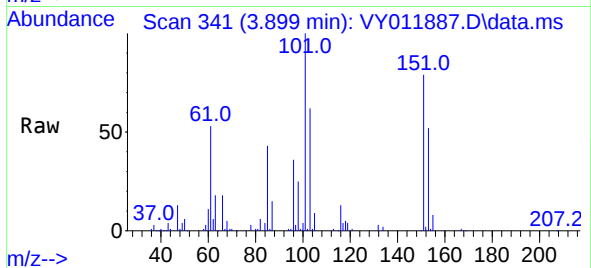




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.250 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

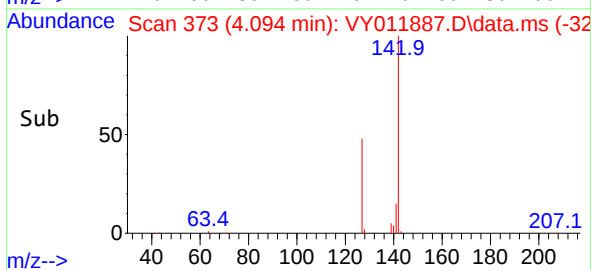
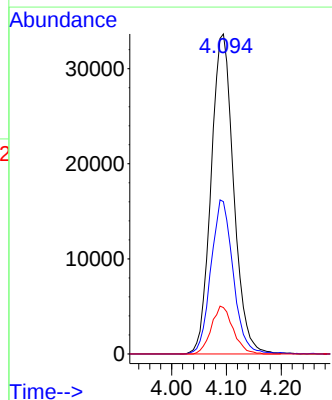
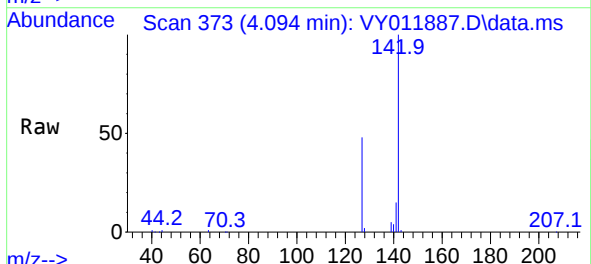
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

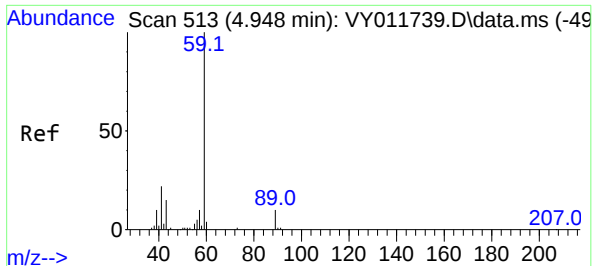
Tgt Ion:101 Resp: 78991
Ion Ratio Lower Upper
101 100
85 44.6 36.2 54.2
151 80.7 64.2 96.2



#10
Methyl Iodide
Concen: 47.989 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:142 Resp: 95963
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 14.4 11.4 17.0

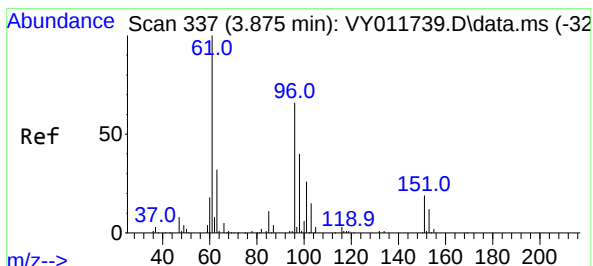
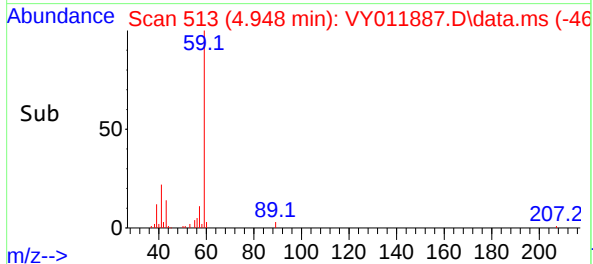
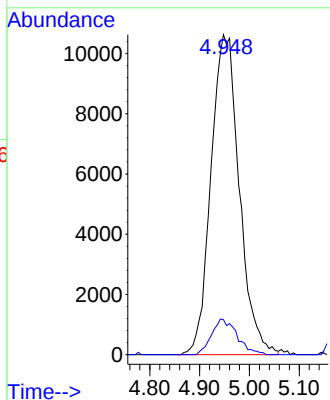
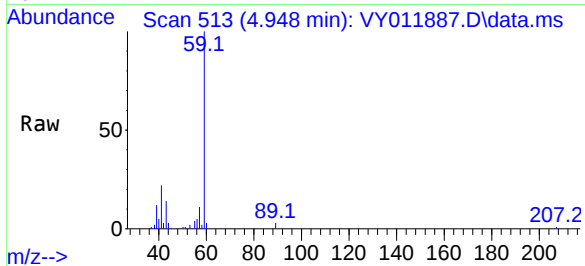




#11
Tert butyl alcohol
Concen: 250.664 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

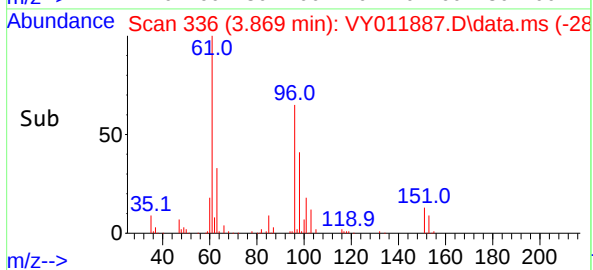
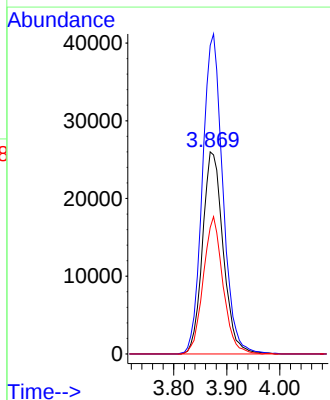
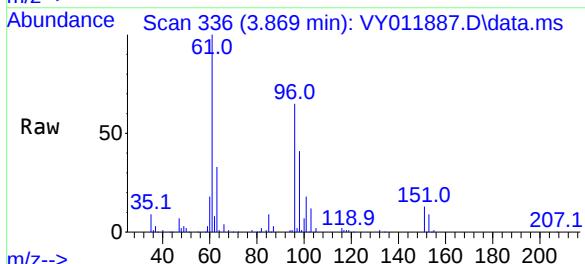
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

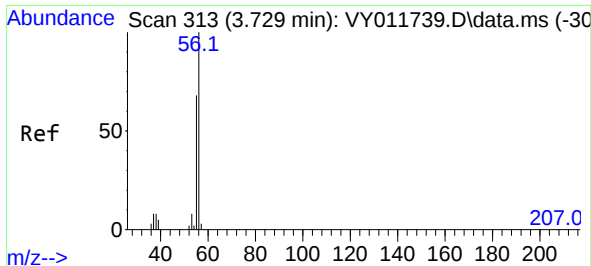
Tgt Ion: 59 Resp: 41923
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.2



#12
1,1-Dichloroethene
Concen: 45.692 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 96 Resp: 70379
Ion Ratio Lower Upper
96 100
61 152.7 122.0 183.0
98 62.6 48.6 73.0

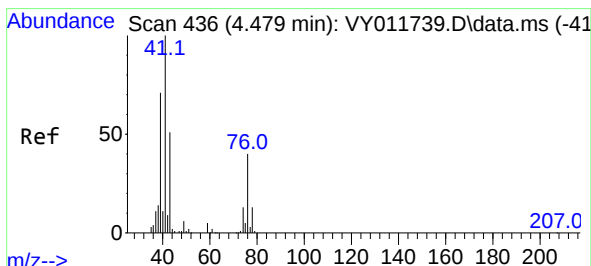
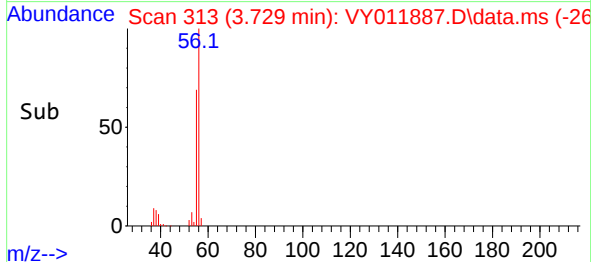
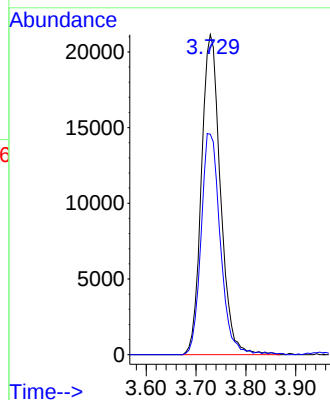
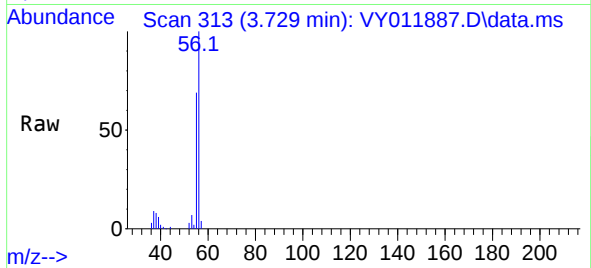




#13
Acrolein
Concen: 190.687 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

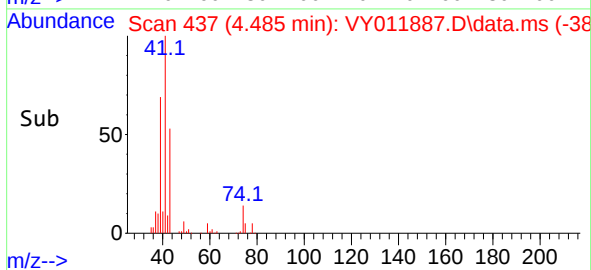
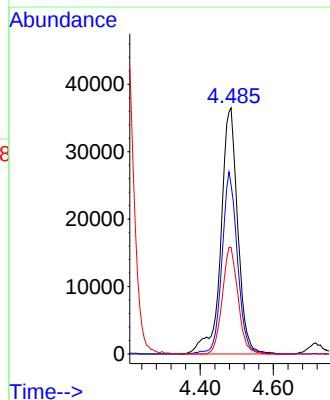
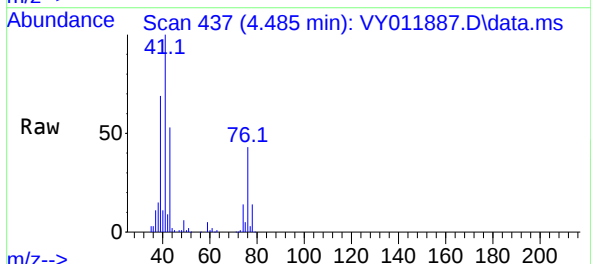
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

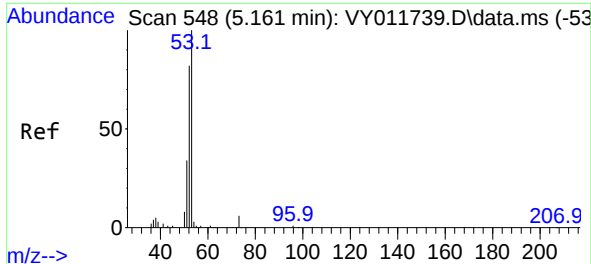
Tgt Ion: 56 Resp: 55948
Ion Ratio Lower Upper
56 100
55 69.6 56.6 85.0



#14
Allyl chloride
Concen: 45.846 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 41 Resp: 117301
Ion Ratio Lower Upper
41 100
39 67.8 53.5 80.3
76 40.2 31.1 46.7





#15

Acrylonitrile

Concen: 237.723 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

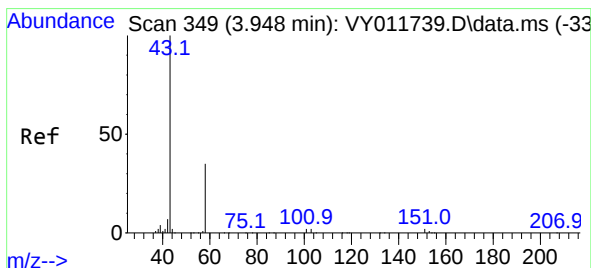
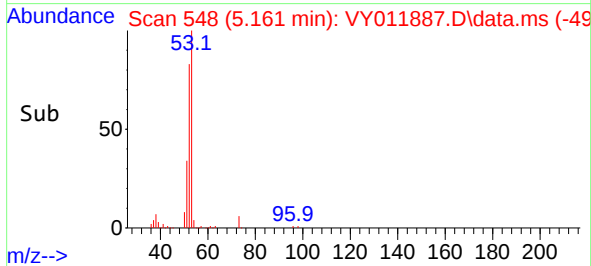
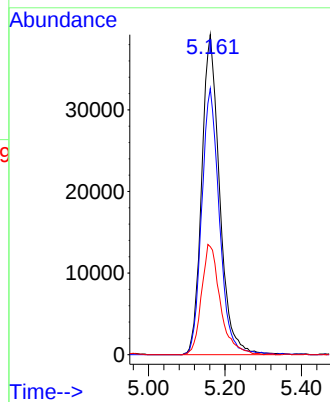
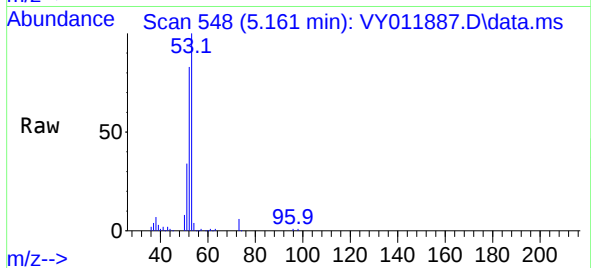
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 127870

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.1	97.7
51	36.0	28.7	43.1



#16

Acetone

Concen: 185.588 ug/l

RT: 3.942 min Scan# 348

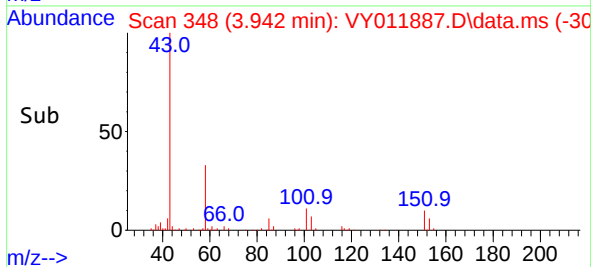
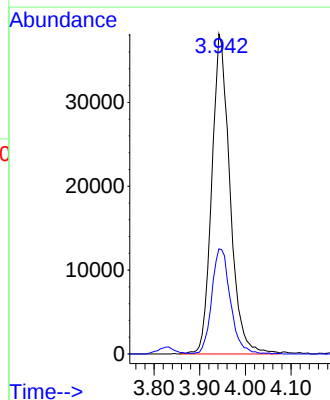
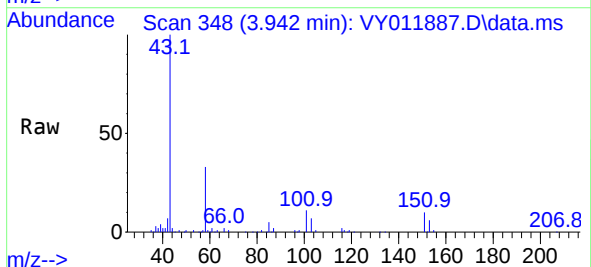
Delta R.T. -0.006 min

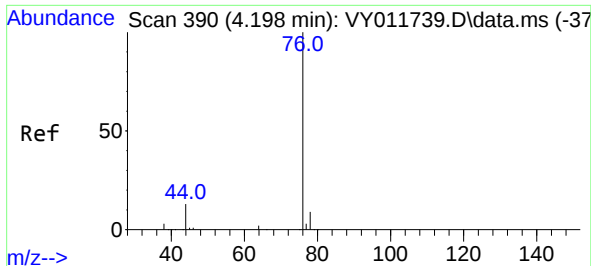
Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Tgt Ion: 43 Resp: 105471

Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.9	41.9

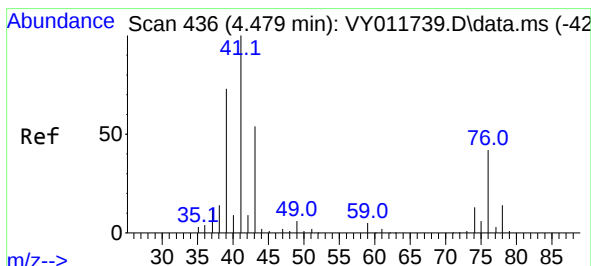
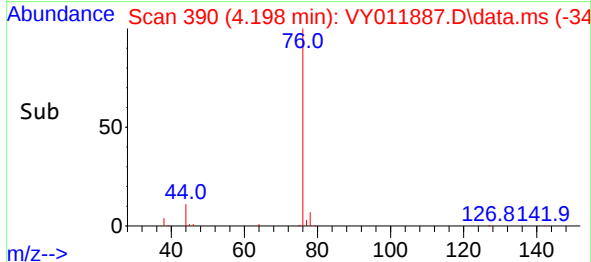
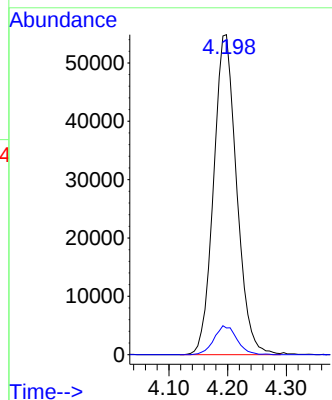
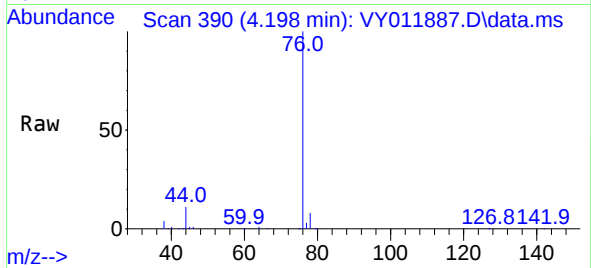




#17
Carbon Disulfide
Concen: 42.510 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

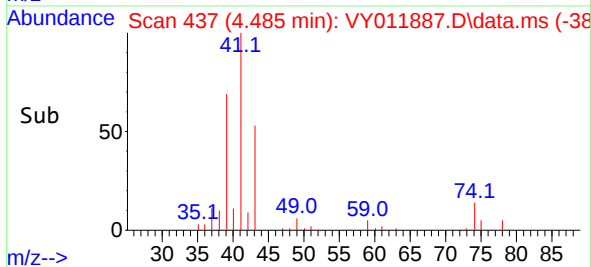
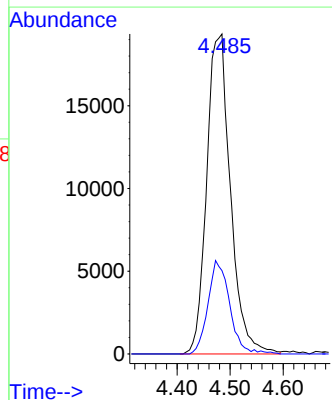
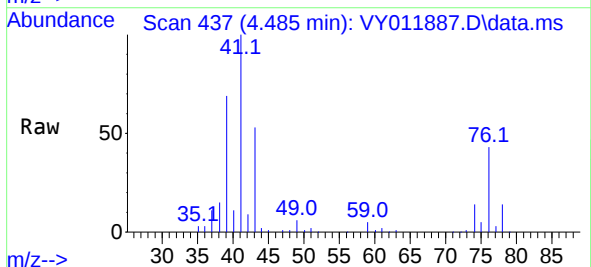
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

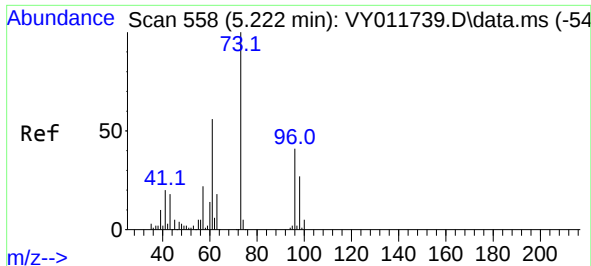
Tgt Ion: 76 Resp: 149533
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 44.223 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 43 Resp: 60122
Ion Ratio Lower Upper
43 100
74 26.7 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 50.022 ug/l

RT: 5.216 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

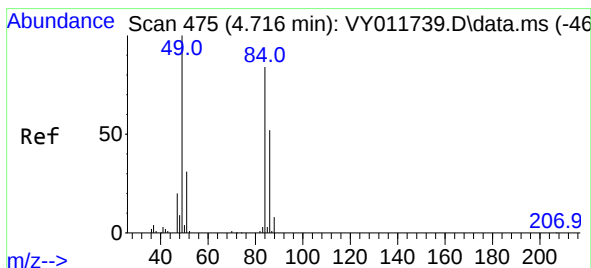
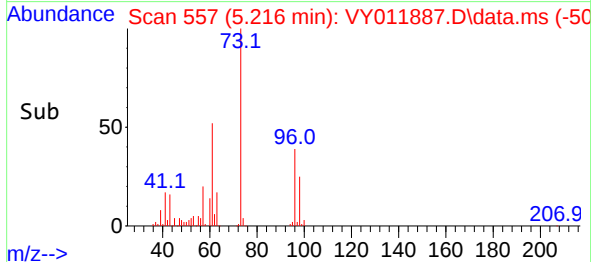
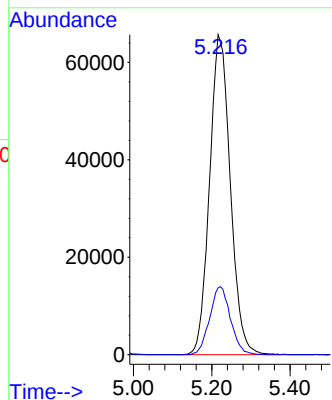
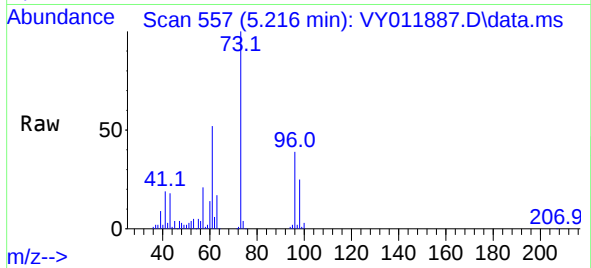
VSTDCCC050EC

Tgt Ion: 73 Resp: 241246

Ion Ratio Lower Upper

73 100

57 20.9 17.4 26.0



#20

Methylene Chloride

Concen: 57.036 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Tgt Ion: 84 Resp: 113715

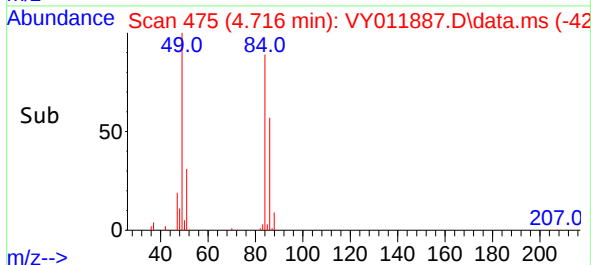
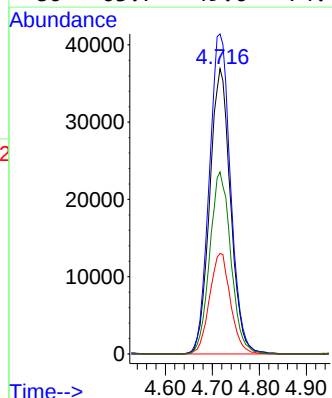
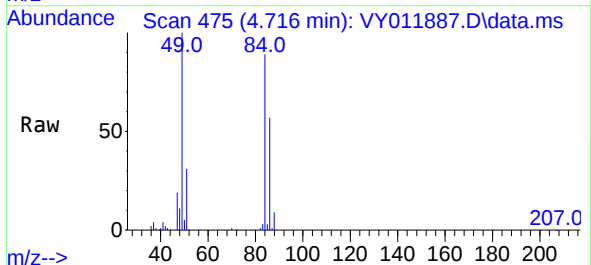
Ion Ratio Lower Upper

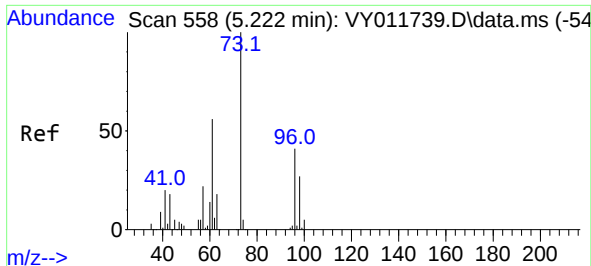
84 100

49 112.2 95.4 143.2

51 35.2 29.9 44.9

86 63.7 49.6 74.4

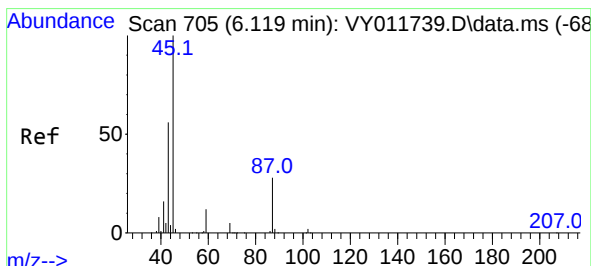
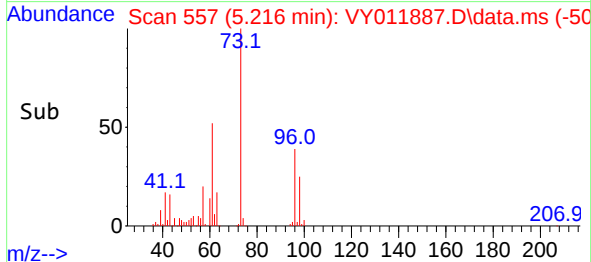
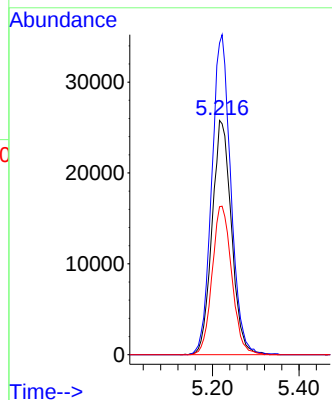
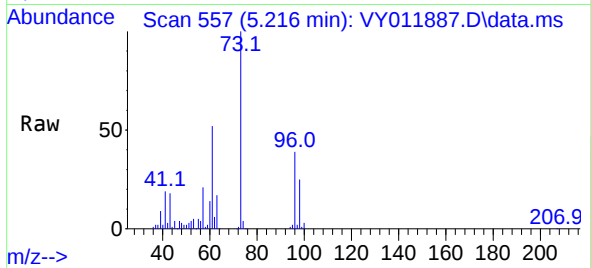




#21
trans-1,2-Dichloroethene
Concen: 46.451 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

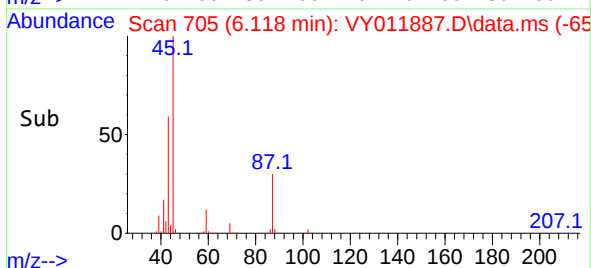
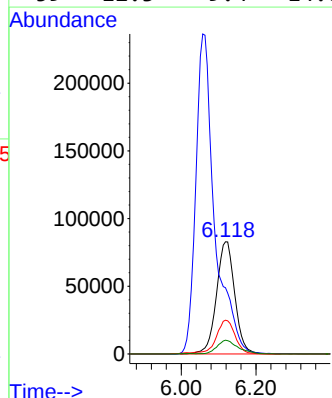
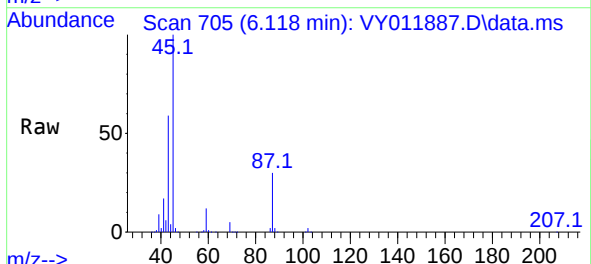
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

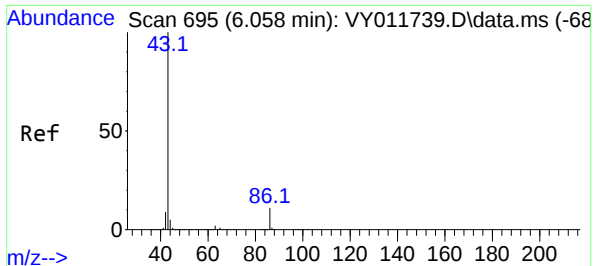
Tgt Ion: 96 Resp: 80417
Ion Ratio Lower Upper
96 100
61 133.0 108.0 162.0
98 63.2 51.6 77.4



#22
Diisopropyl ether
Concen: 50.483 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 45 Resp: 281808
Ion Ratio Lower Upper
45 100
43 58.7 45.0 67.4
87 30.1 22.6 33.8
59 12.3 9.4 14.0

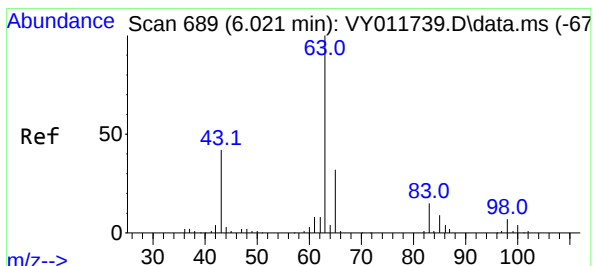
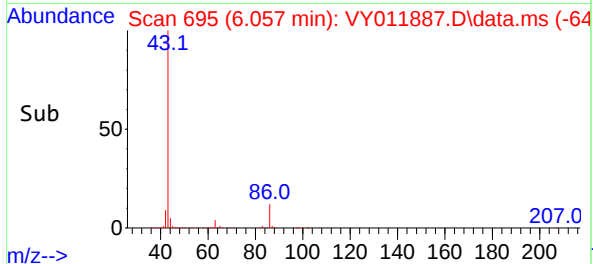
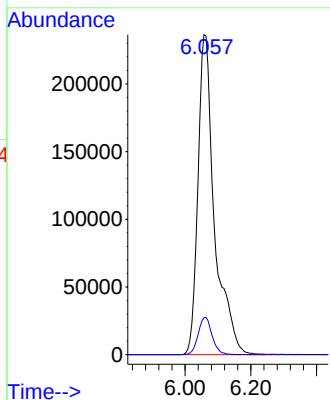
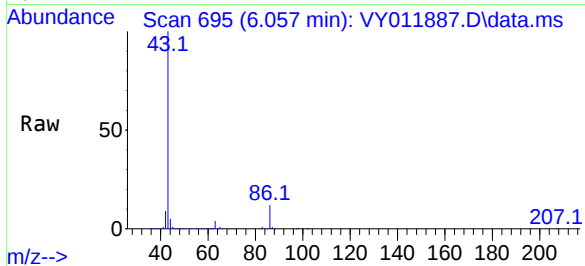




#23
 Vinyl Acetate
 Concen: 259.709 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY011887.D
 Acq: 15 Dec 2022 21:01

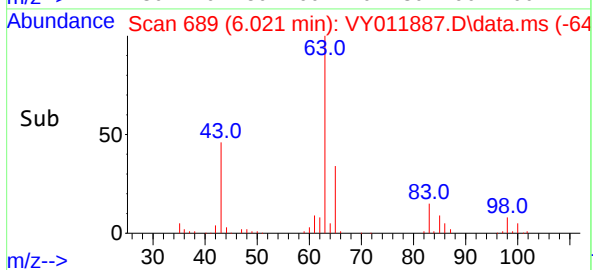
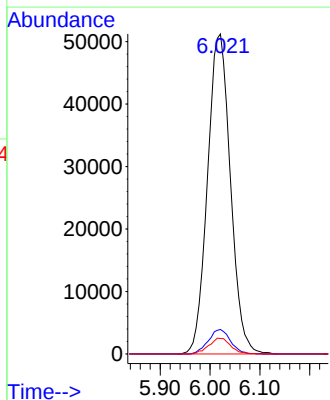
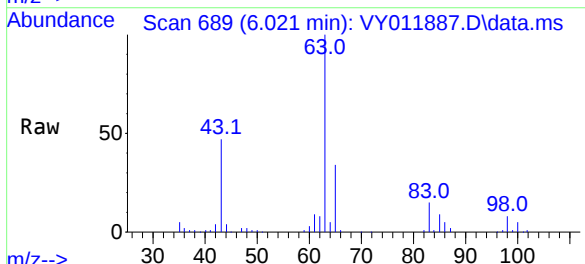
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

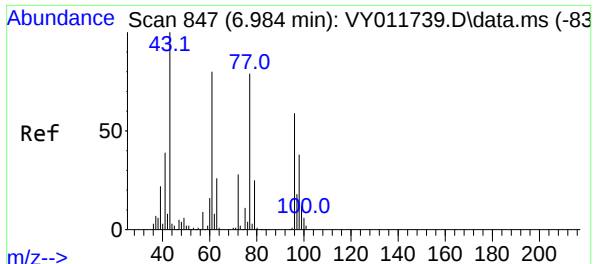
Tgt Ion: 43 Resp: 827083
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 48.228 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011887.D
 Acq: 15 Dec 2022 21:01

Tgt Ion: 63 Resp: 163600
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.8 2.2 6.6

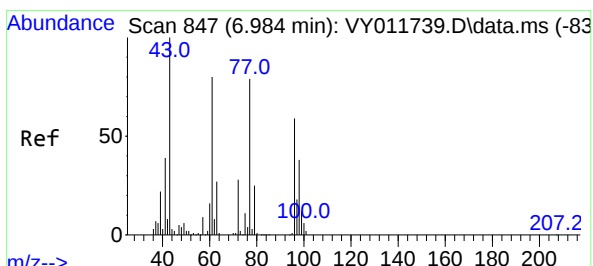
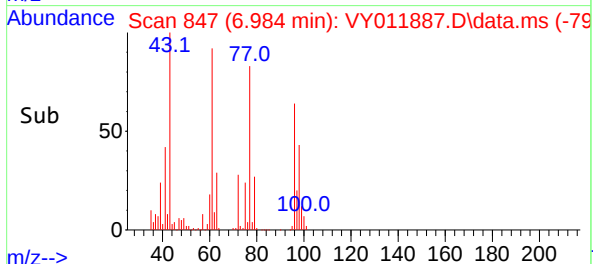
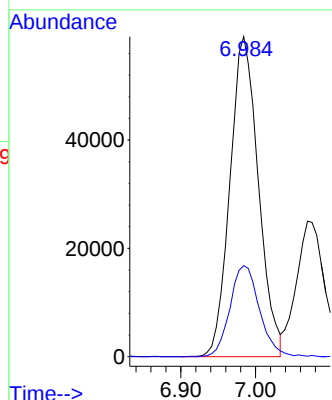
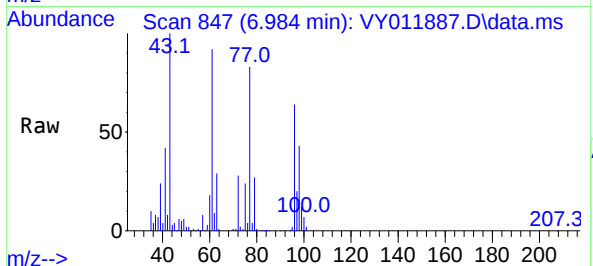




#25
2-Butanone
Concen: 213.871 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

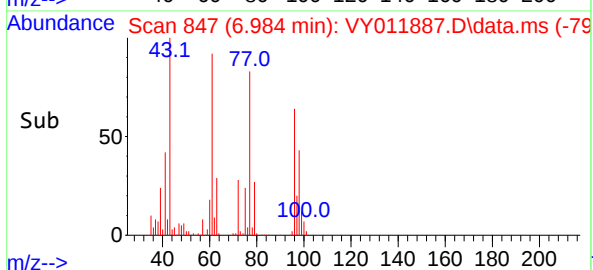
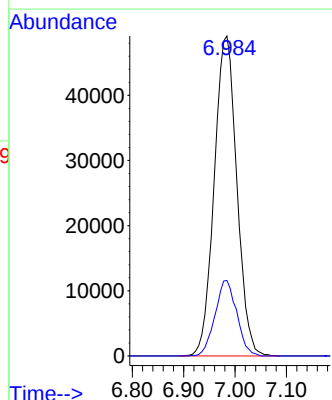
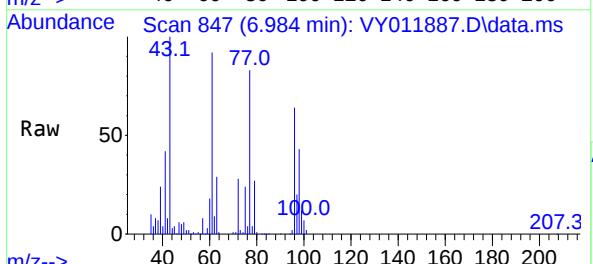
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

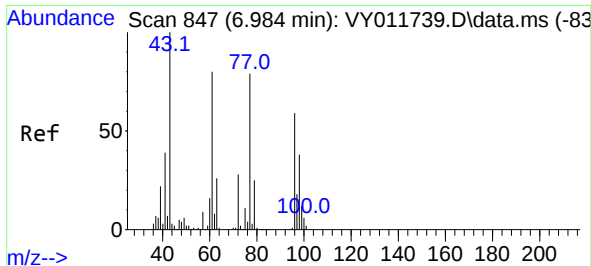
Tgt Ion: 43 Resp: 156343
Ion Ratio Lower Upper
43 100
72 28.4 22.6 34.0



#26
2,2-Dichloropropane
Concen: 46.972 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 77 Resp: 149910
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1

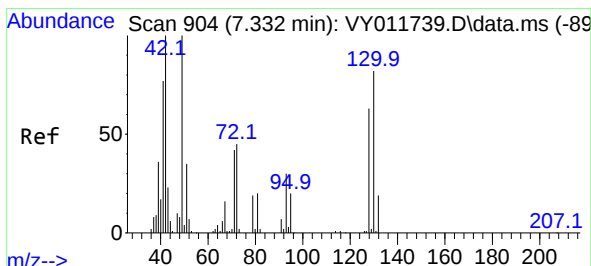
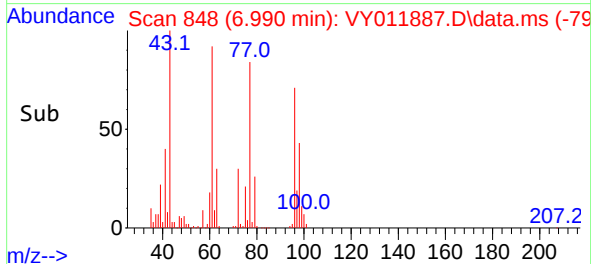
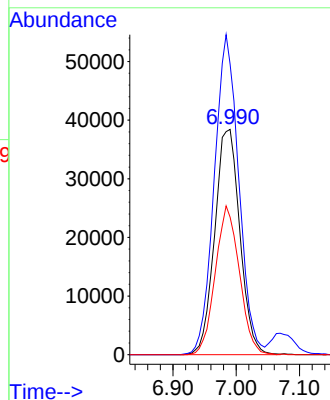
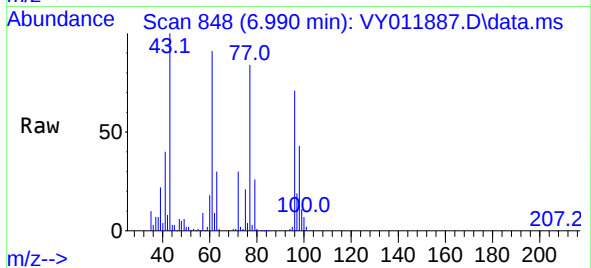




#27
 cis-1,2-Dichloroethene
 Concen: 50.192 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY011887.D
 Acq: 15 Dec 2022 21:01

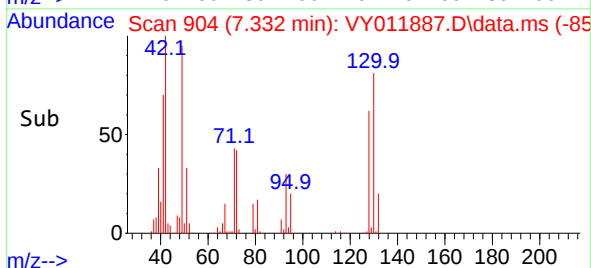
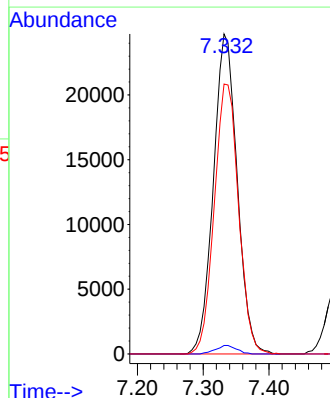
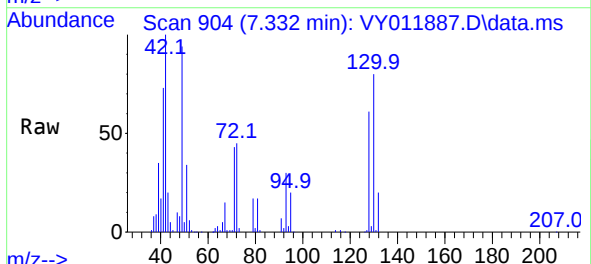
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

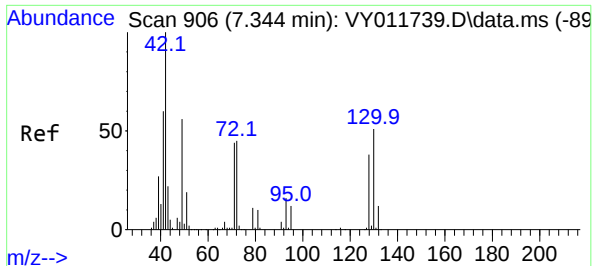
Tgt Ion: 96 Resp: 106200
 Ion Ratio Lower Upper
 96 100
 61 138.1 0.0 283.4
 98 63.2 0.0 127.6



#28
 Bromochloromethane
 Concen: 50.446 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY011887.D
 Acq: 15 Dec 2022 21:01

Tgt Ion: 49 Resp: 62299
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 86.0 66.7 100.1

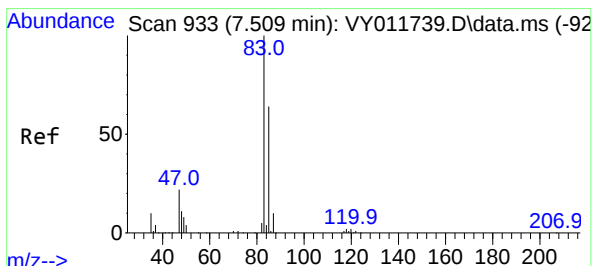
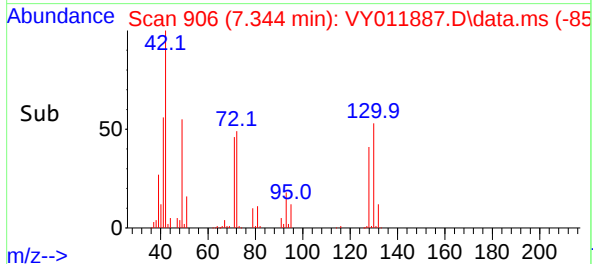
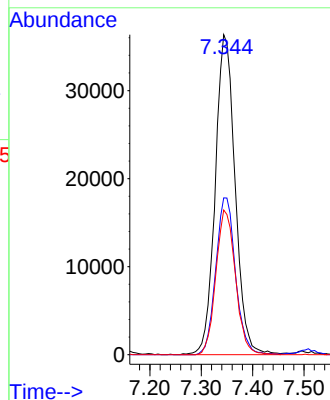
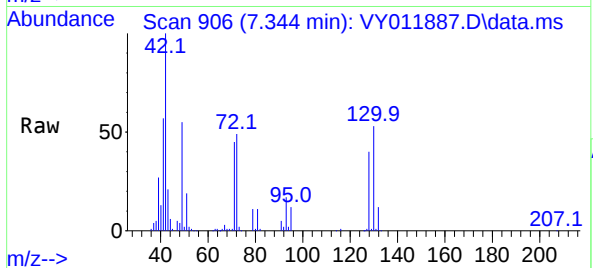




#29
Tetrahydrofuran
Concen: 235.323 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

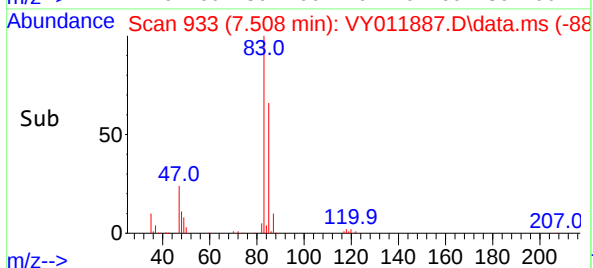
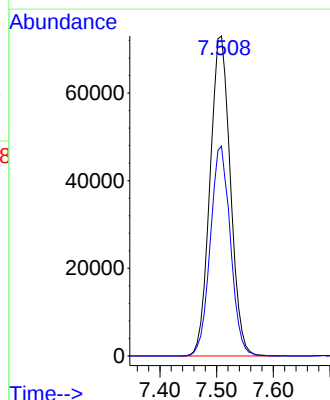
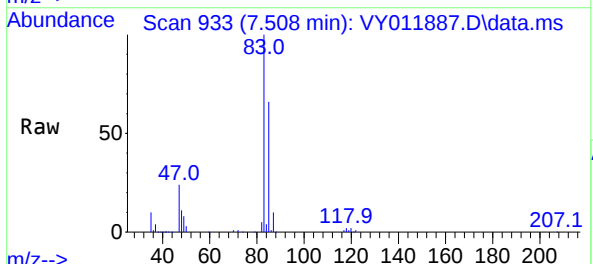
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

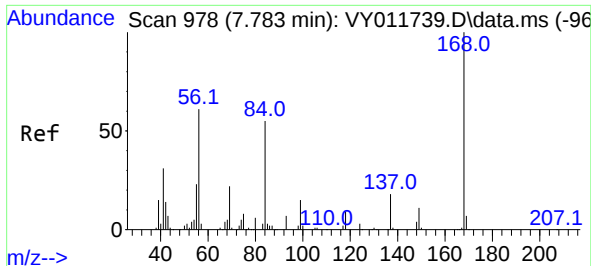
Tgt Ion: 42 Resp: 97912
Ion Ratio Lower Upper
42 100
72 48.6 37.0 55.6
71 44.3 34.9 52.3



#30
Chloroform
Concen: 50.220 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

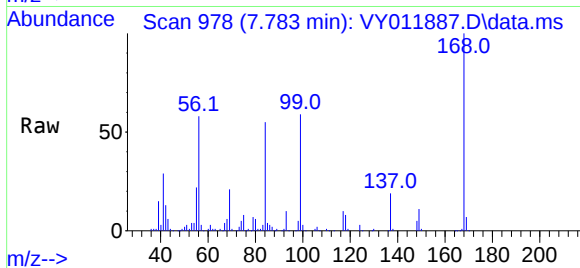
Tgt Ion: 83 Resp: 182125
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3



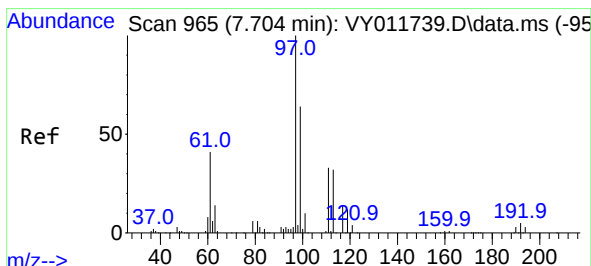
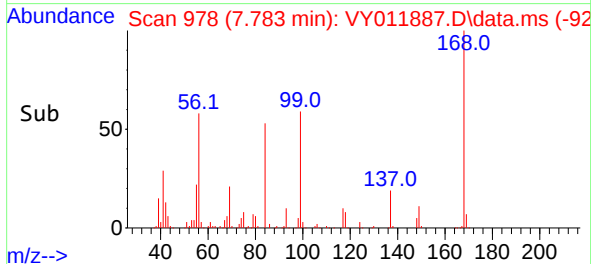
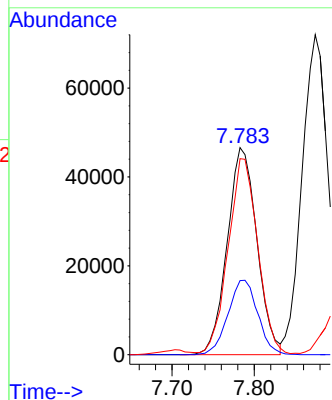


#31
Cyclohexane
Concen: 48.238 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

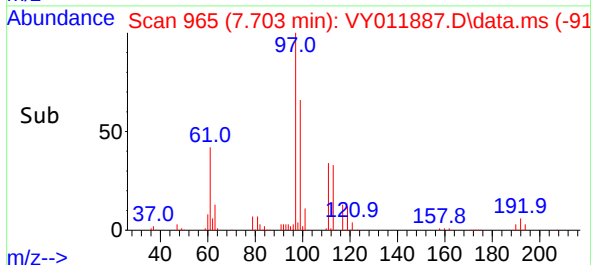
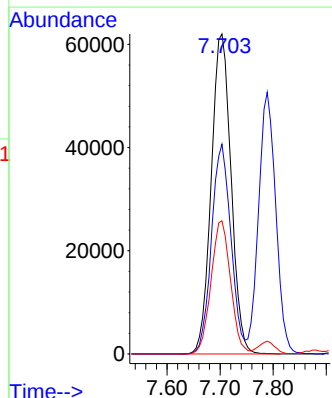
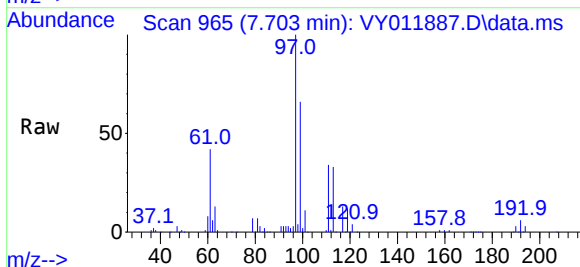


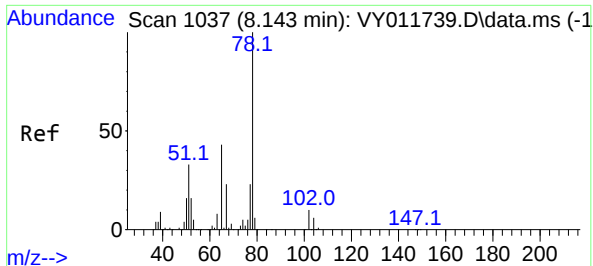
Tgt Ion: 56 Resp: 117192
Ion Ratio Lower Upper
56 100
69 35.8 29.2 43.8
84 92.4 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 49.705 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 97 Resp: 160757
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 41.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 48.648 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

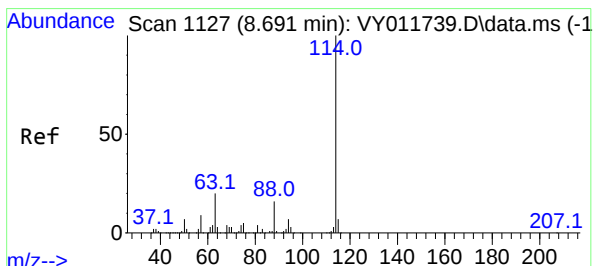
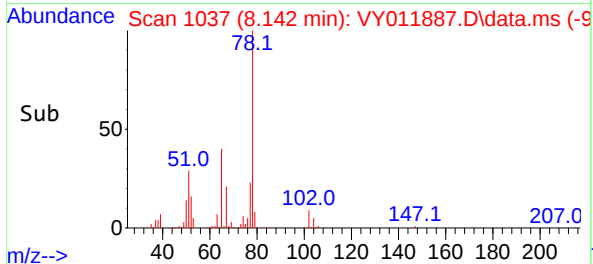
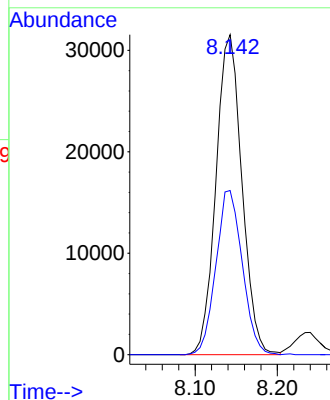
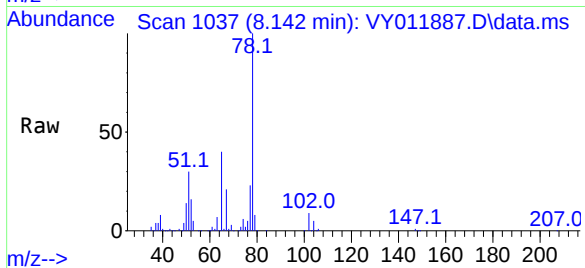
VSTDCCC050EC

Tgt Ion: 65 Resp: 69276

Ion Ratio Lower Upper

65 100

67 52.1 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: VY011887.D

Acq: 15 Dec 2022 21:01

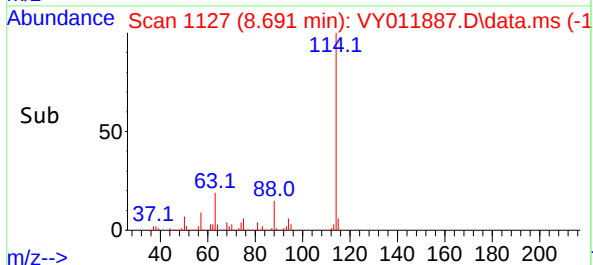
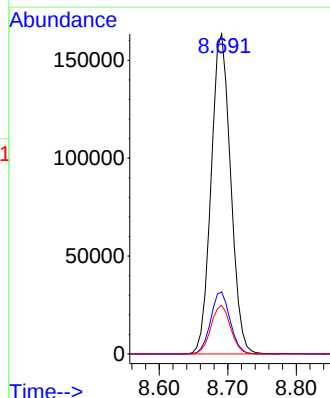
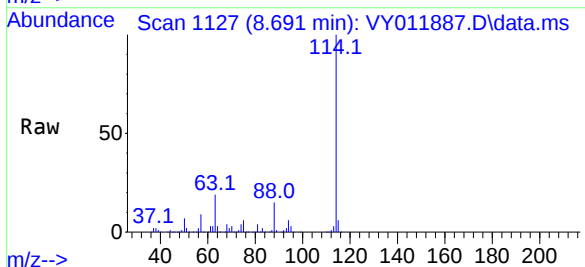
Tgt Ion: 114 Resp: 323835

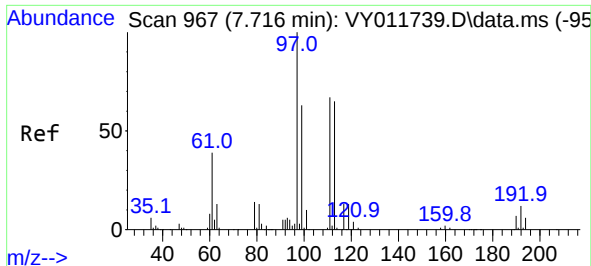
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.2 0.0 32.2

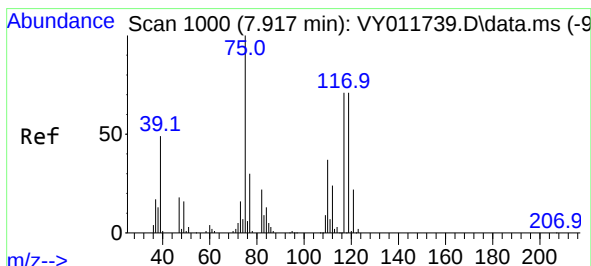
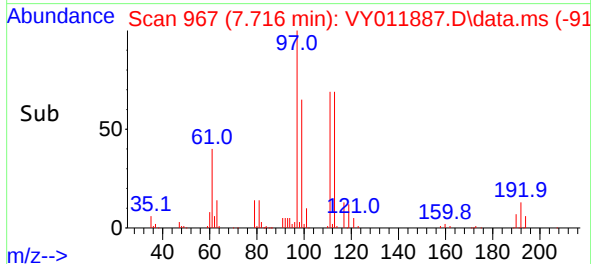
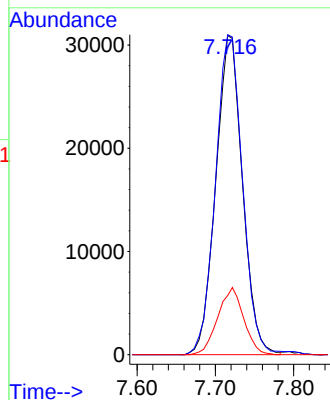
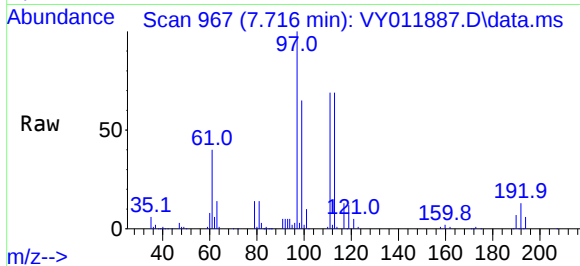




#35
Dibromofluoromethane
Concen: 50.858 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

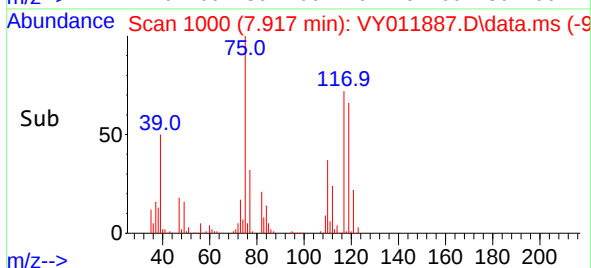
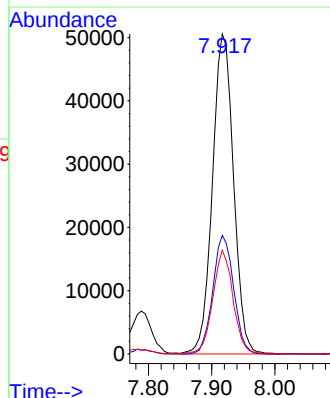
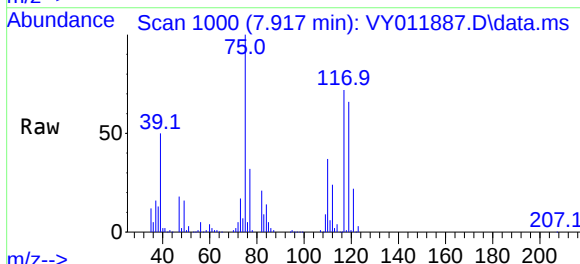
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

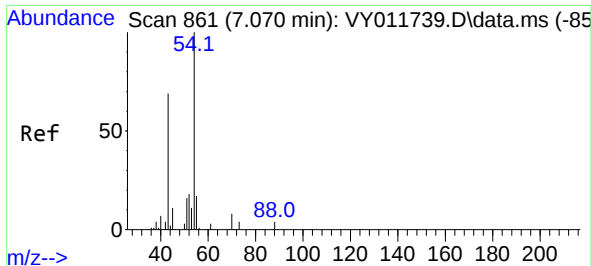
Tgt Ion:113 Resp: 73077
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 47.615 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 75 Resp: 117010
Ion Ratio Lower Upper
75 100
110 36.5 18.1 54.1
77 31.1 25.1 37.7

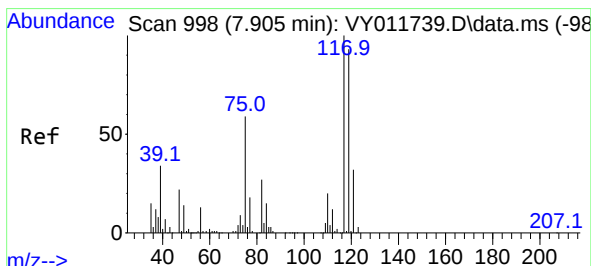
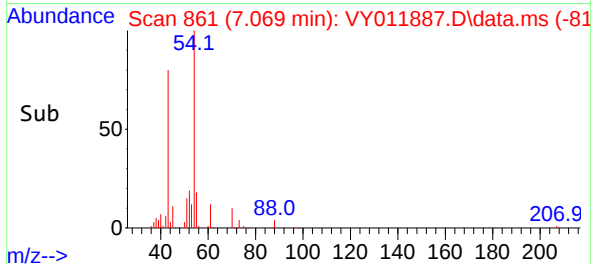
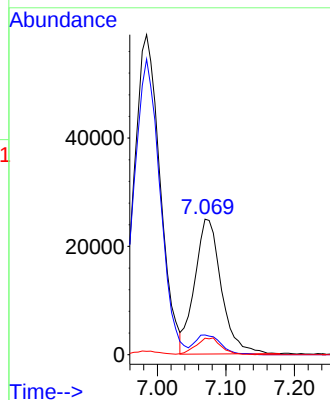
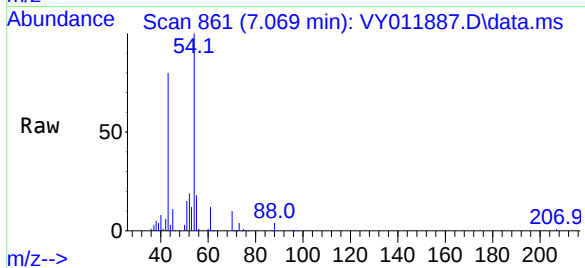




#37
Ethyl Acetate
Concen: 46.748 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

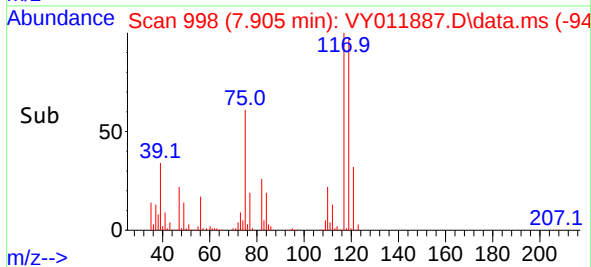
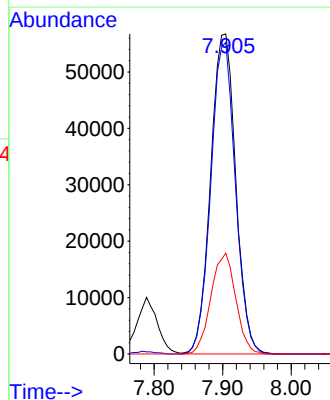
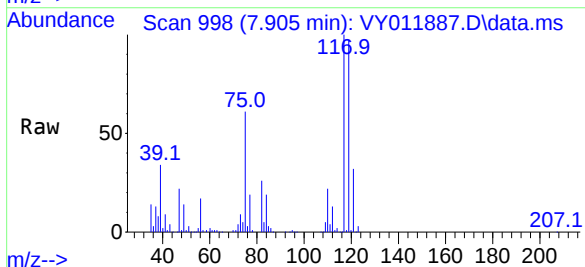
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

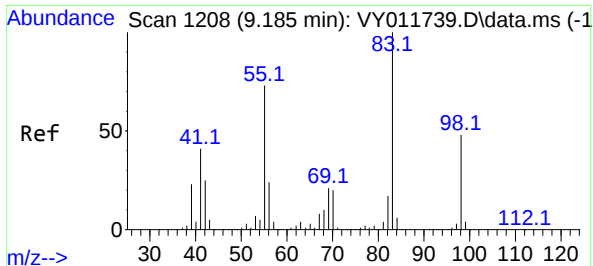
Tgt Ion: 43 Resp: 67162
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 11.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 49.970 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 117 Resp: 144243
Ion Ratio Lower Upper
117 100
119 97.4 73.8 110.8
121 31.5 25.2 37.8





#39

Methylcyclohexane

Concen: 46.610 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

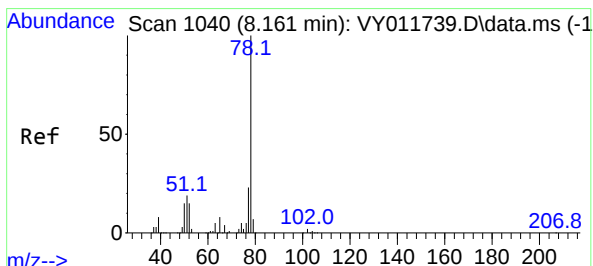
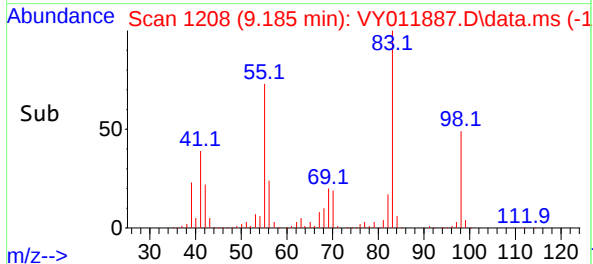
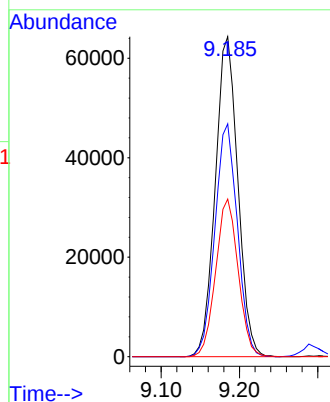
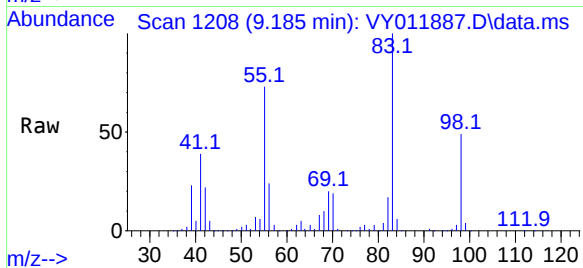
Tgt Ion: 83 Resp: 128877

Ion Ratio Lower Upper

83 100

55 72.8 58.2 87.2

98 49.2 38.6 58.0



#40

Benzene

Concen: 49.036 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011887.D

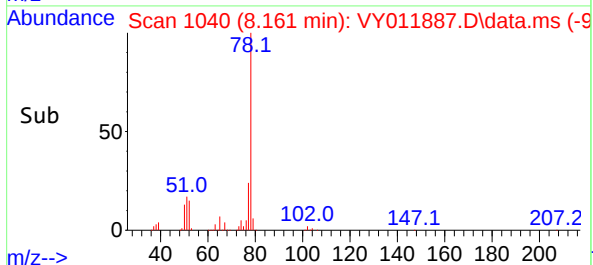
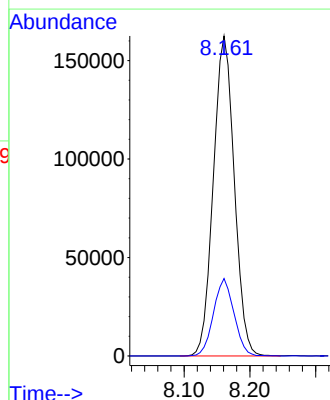
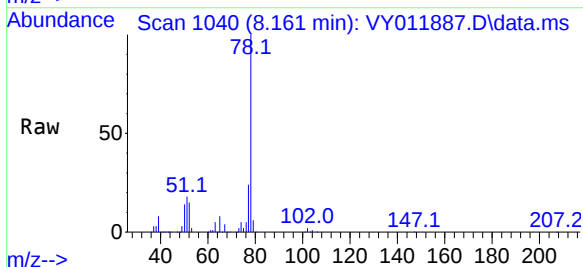
Acq: 15 Dec 2022 21:01

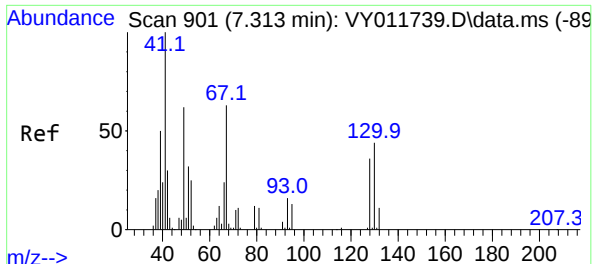
Tgt Ion: 78 Resp: 359989

Ion Ratio Lower Upper

78 100

77 24.2 18.6 27.8



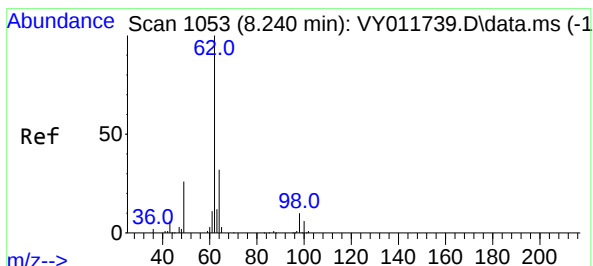
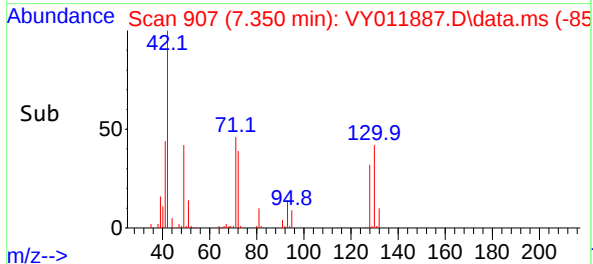
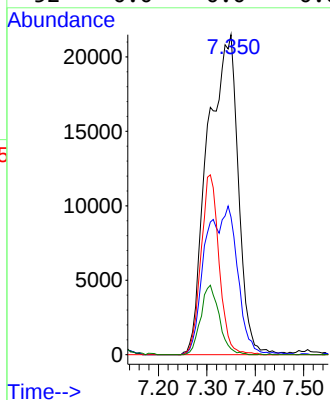
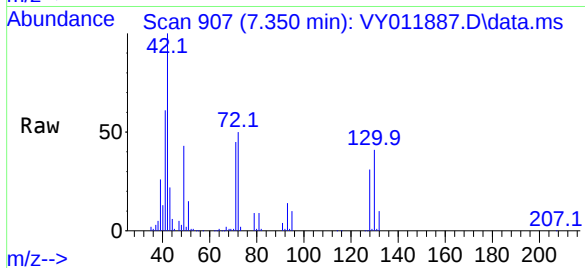


#41
Methacrylonitrile
Concen: 129.690 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.036 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 94060

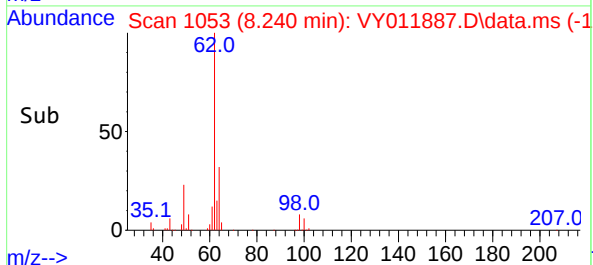
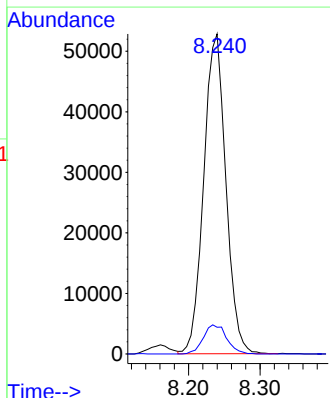
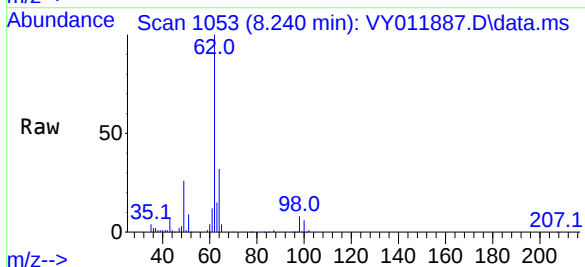
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

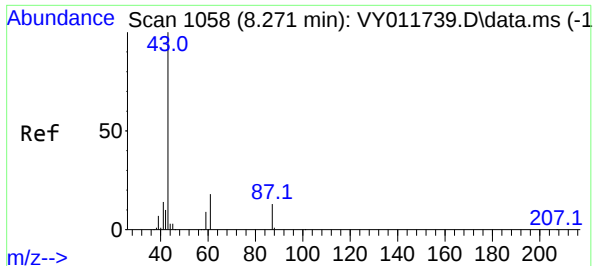


#42
1,2-Dichloroethane
Concen: 50.014 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 62 Resp: 113543

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.6

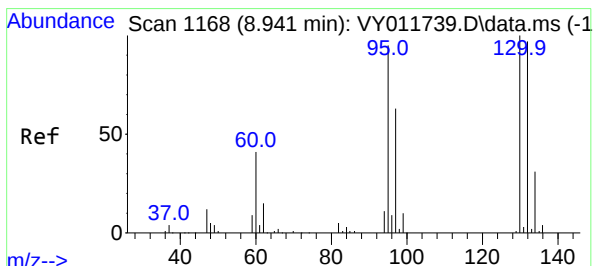
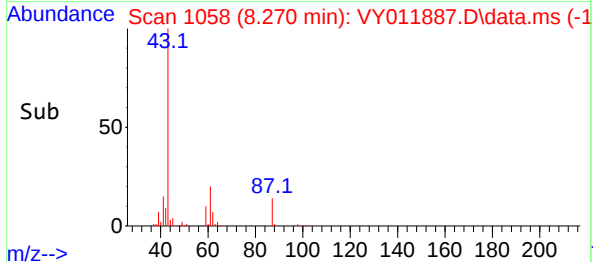
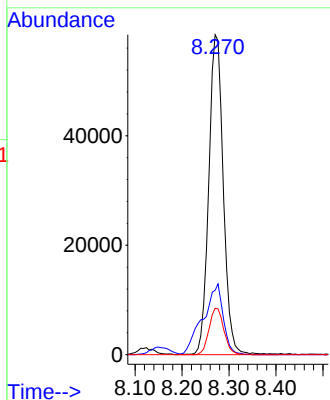
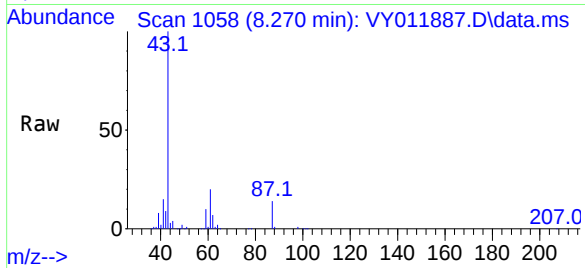




#43
Isopropyl Acetate
Concen: 48.133 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

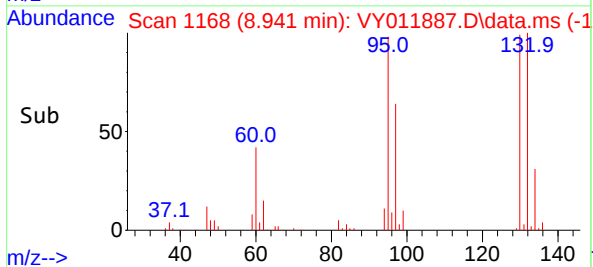
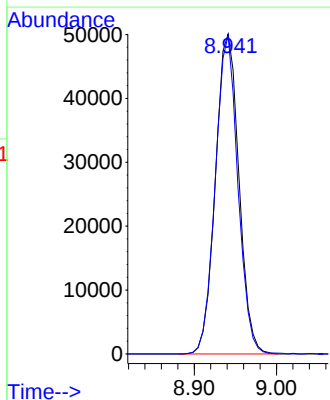
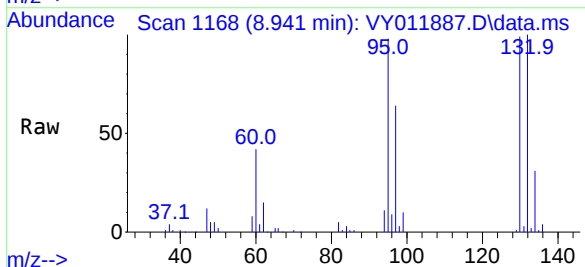
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

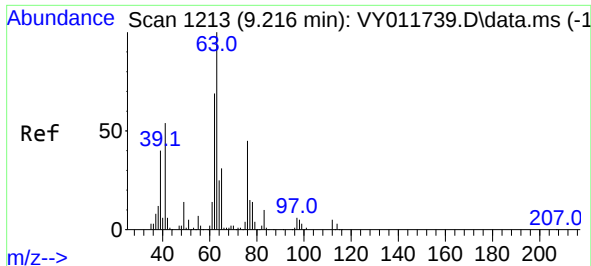
Tgt Ion: 43 Resp: 125392
Ion Ratio Lower Upper
43 100
61 30.8 24.4 36.6
87 14.8 11.4 17.2



#44
Trichloroethene
Concen: 48.190 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:130 Resp: 99081
Ion Ratio Lower Upper
130 100
95 99.5 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.481 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

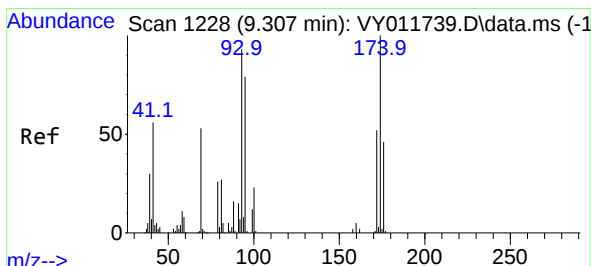
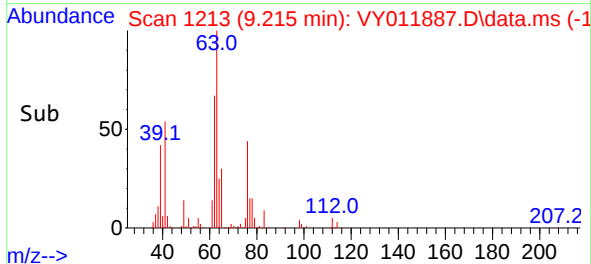
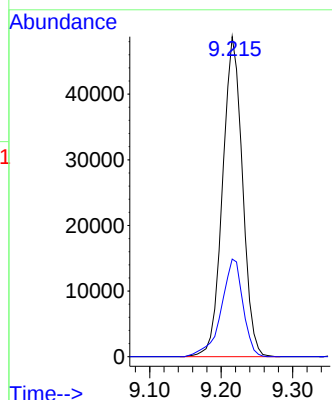
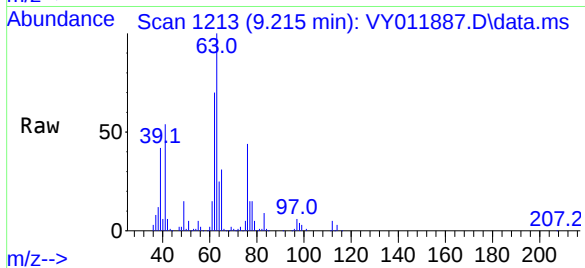
VSTDCCC050EC

Tgt Ion: 63 Resp: 94018

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



#46

Dibromomethane

Concen: 49.877 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

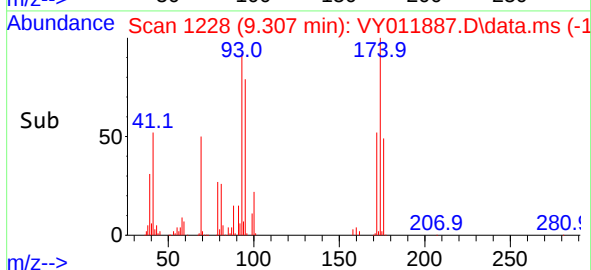
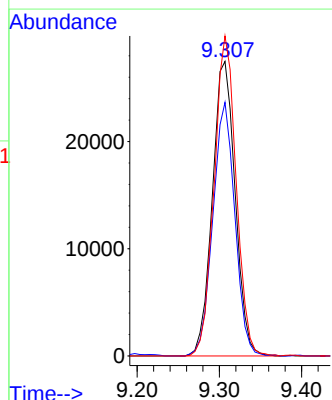
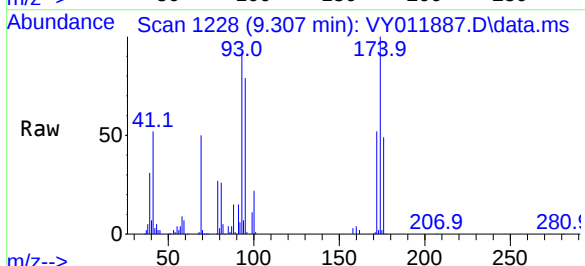
Tgt Ion: 93 Resp: 53049

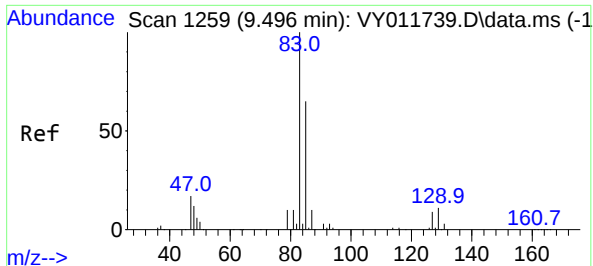
Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 105.0 84.7 127.1

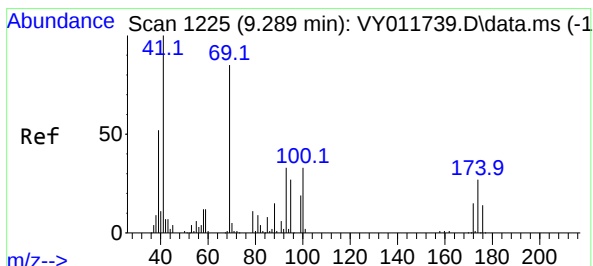
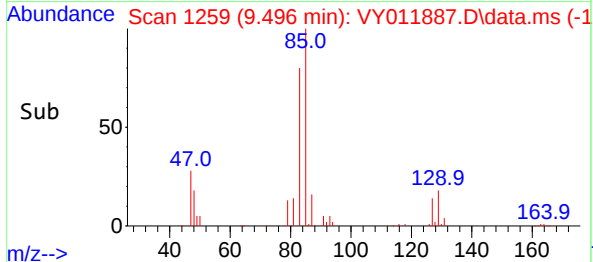
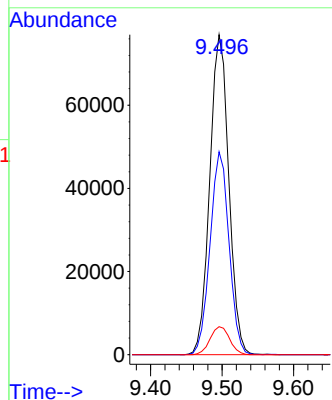
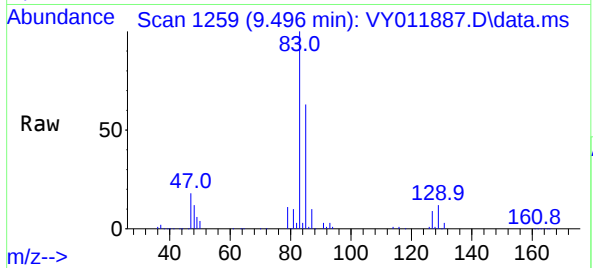




#47
Bromodichloromethane
Concen: 51.691 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

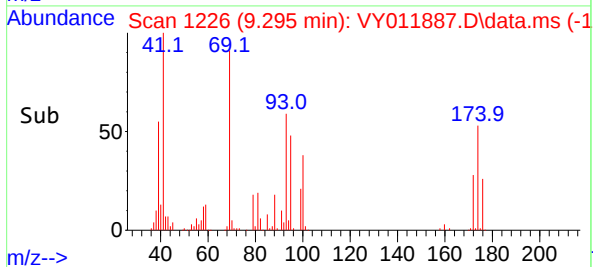
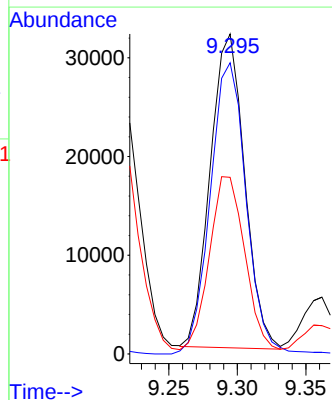
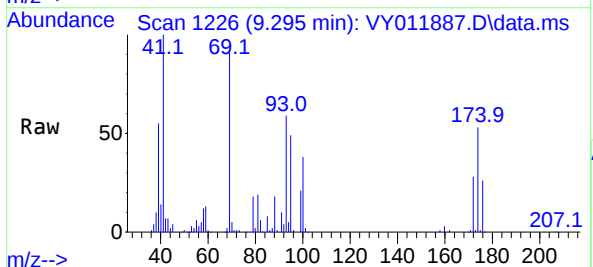
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

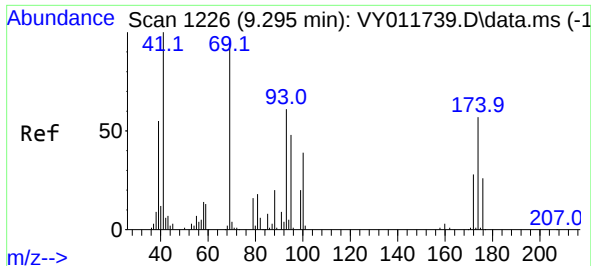
Tgt Ion: 83 Resp: 142035
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0
127 8.8 7.3 10.9



#48
Methyl methacrylate
Concen: 48.333 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 41 Resp: 55503
Ion Ratio Lower Upper
41 100
69 97.2 74.2 111.2
39 59.3 46.3 69.5

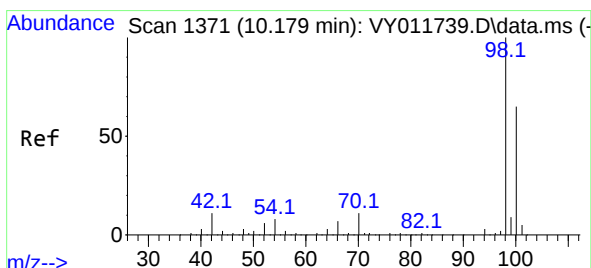
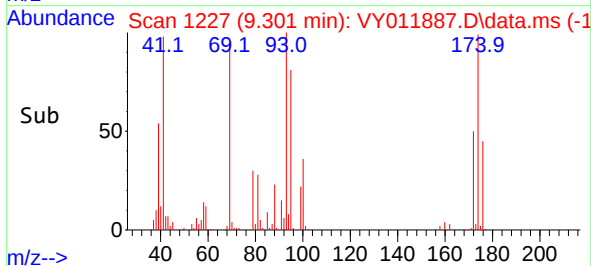
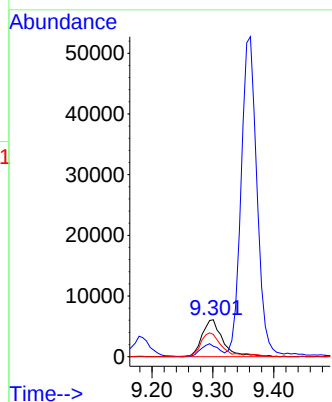
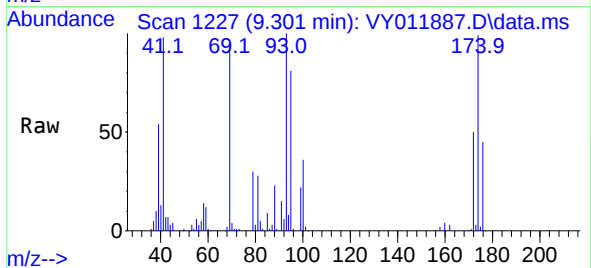




#49
1,4-Dioxane
Concen: 972.673 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

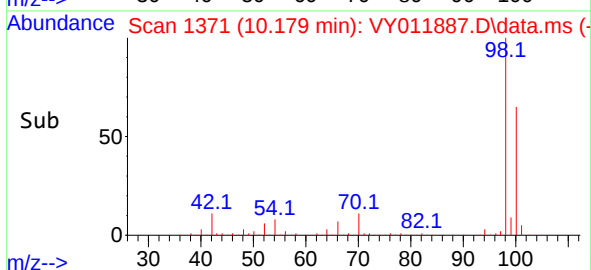
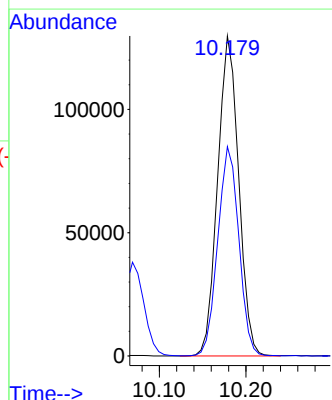
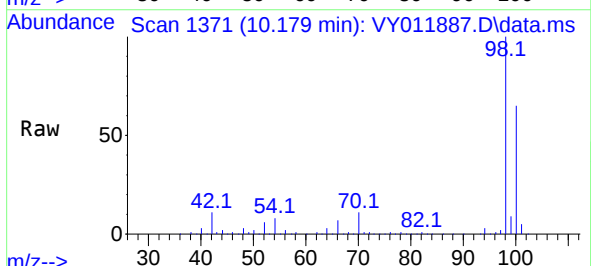
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

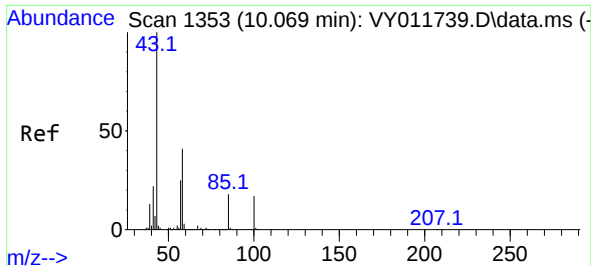
Tgt Ion: 88 Resp: 14332
Ion Ratio Lower Upper
88 100
43 28.7 26.2 39.2
58 62.6 54.3 81.5



#50
Toluene-d8
Concen: 45.904 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 98 Resp: 219105
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

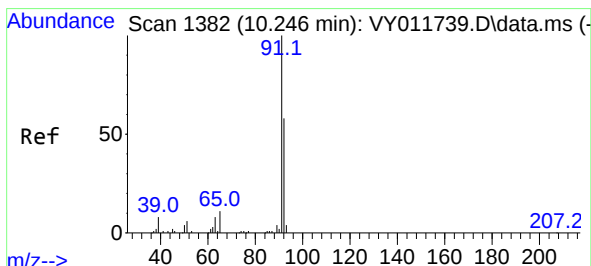
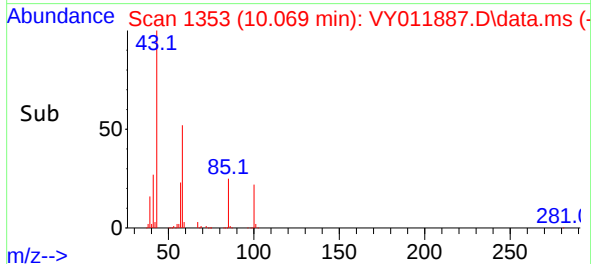
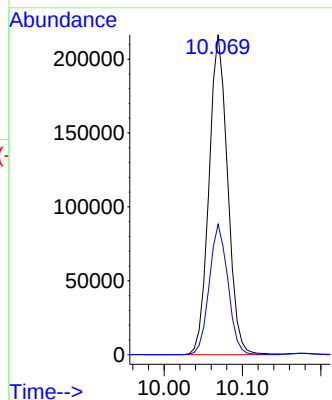
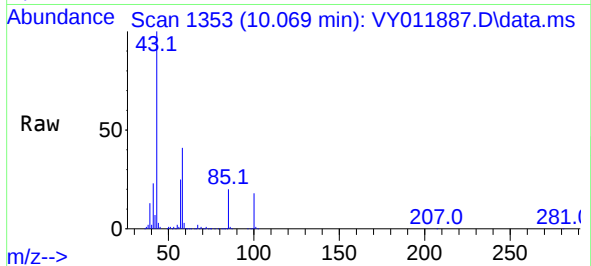




#51
4-Methyl-2-Pentanone
Concen: 249.216 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

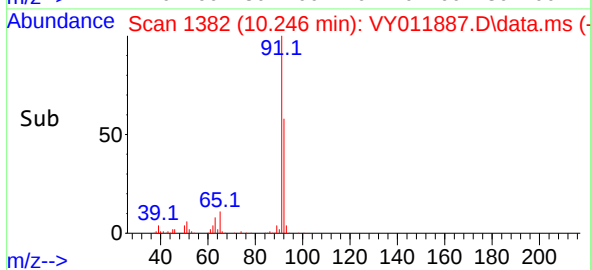
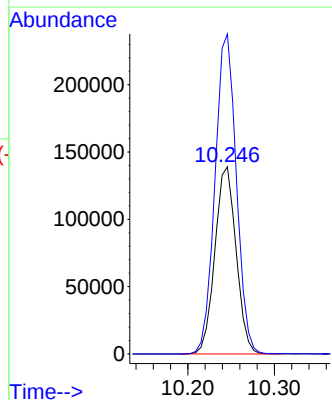
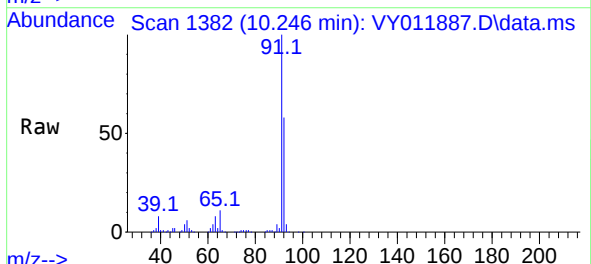
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

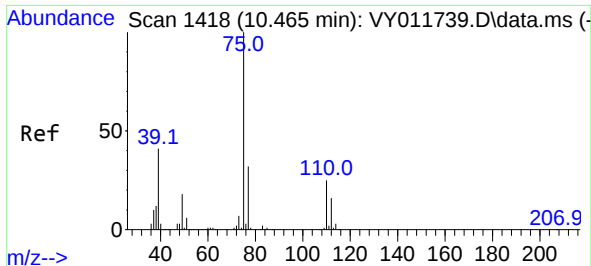
Tgt Ion: 43 Resp: 357738
Ion Ratio Lower Upper
43 100
58 40.8 32.9 49.3



#52
Toluene
Concen: 50.665 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 92 Resp: 236458
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0

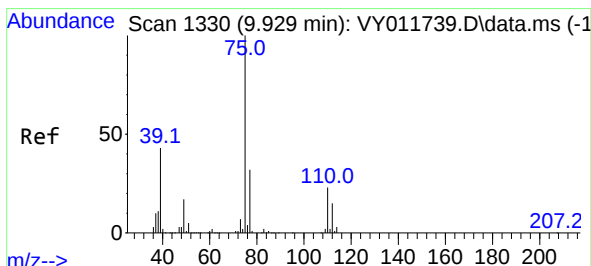
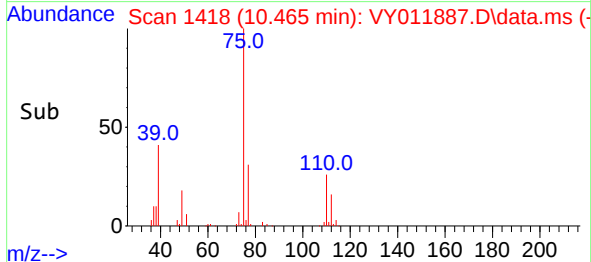
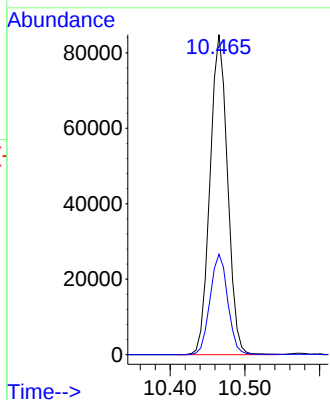
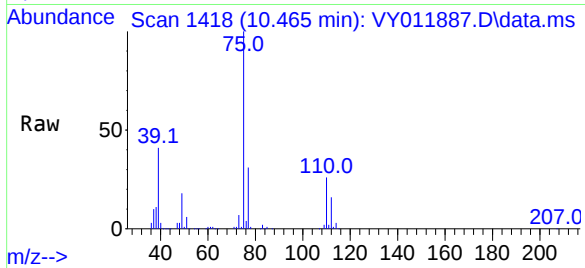




#53
t-1,3-Dichloropropene
Concen: 50.396 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

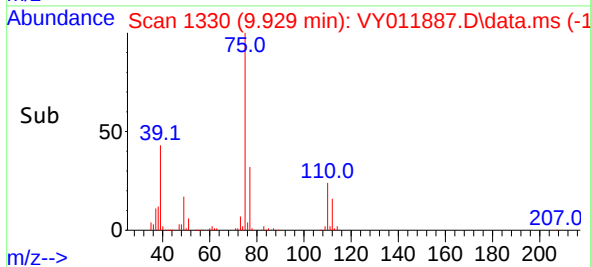
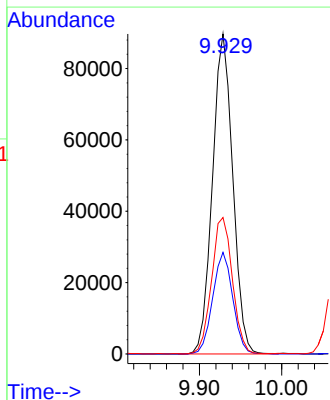
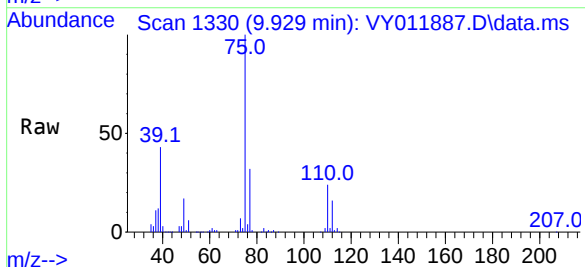
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

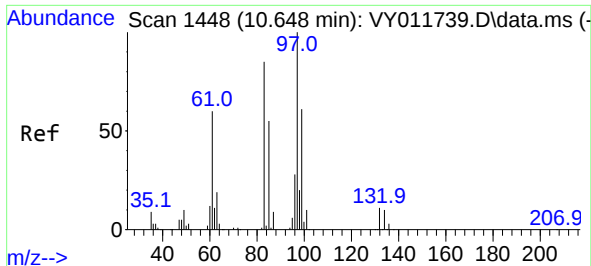
Tgt Ion: 75 Resp: 138320
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 49.985 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 75 Resp: 154142
Ion Ratio Lower Upper
75 100
77 31.7 25.9 38.9
39 42.6 34.6 52.0



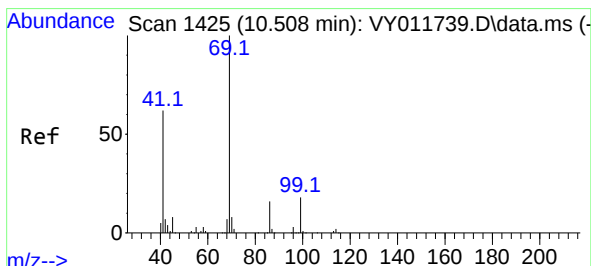
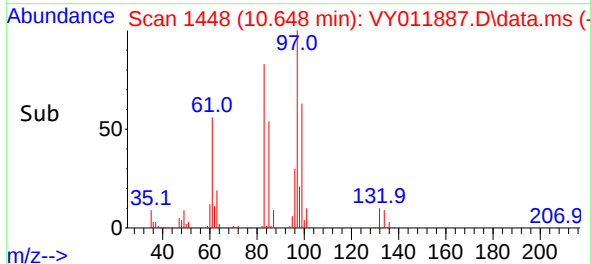
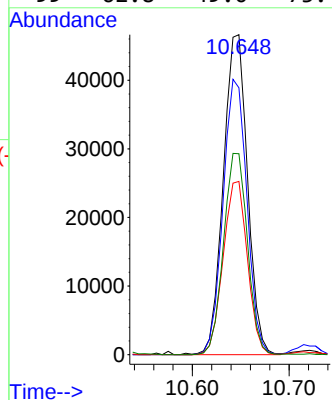
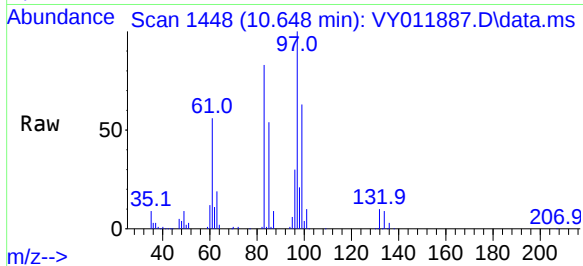


#55
1,1,2-Trichloroethane
Concen: 51.614 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 81139

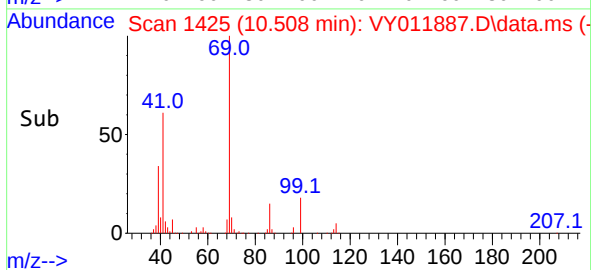
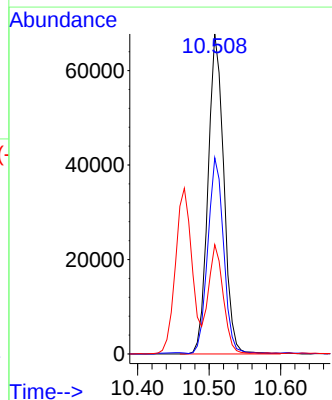
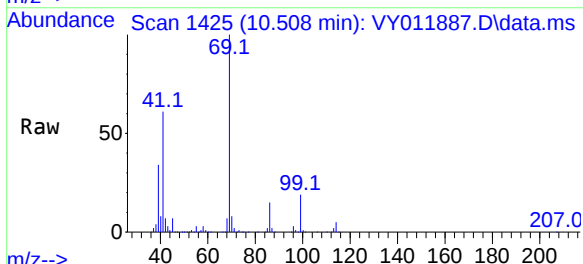
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.7	101.5
85	54.2	43.8	65.8
99	62.8	49.0	73.4

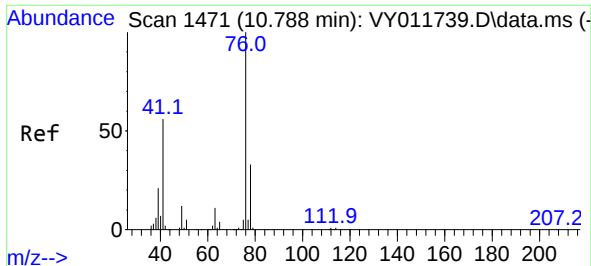


#56
Ethyl methacrylate
Concen: 51.202 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 69 Resp: 103907

Ion	Ratio	Lower	Upper
69	100		
41	61.0	48.9	73.3
39	31.2	25.9	38.9





#57

1,3-Dichloropropane

Concen: 50.741 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

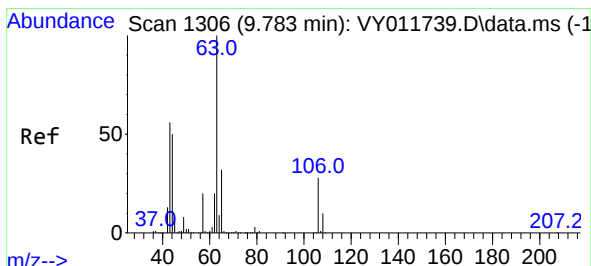
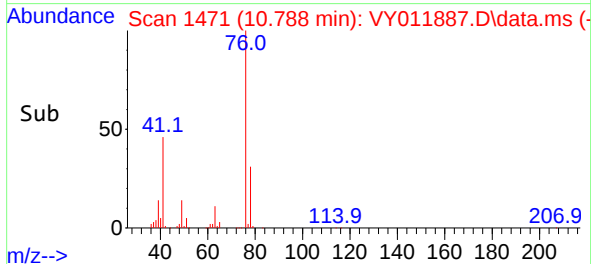
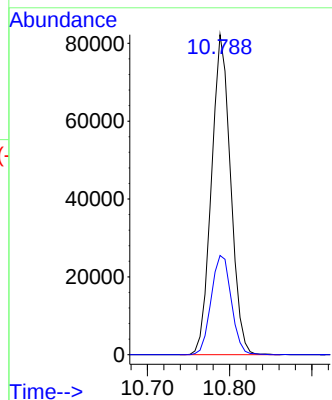
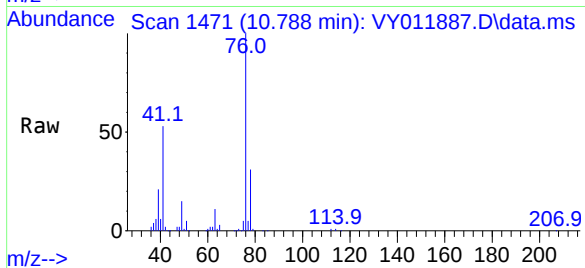
VSTDCCC050EC

Tgt Ion: 76 Resp: 132964

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 256.178 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011887.D

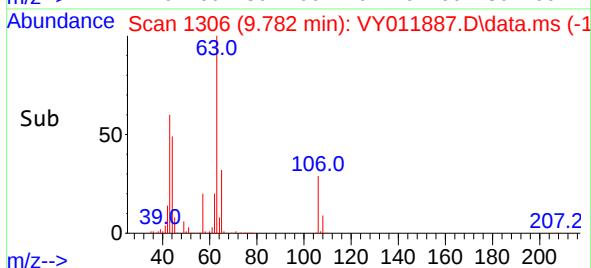
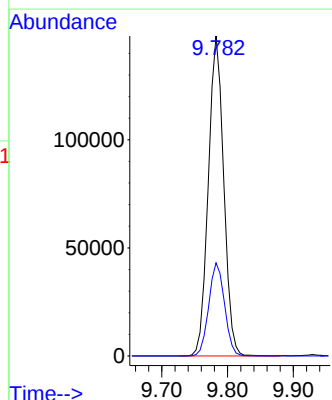
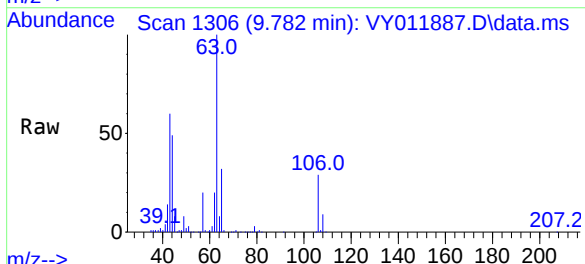
Acq: 15 Dec 2022 21:01

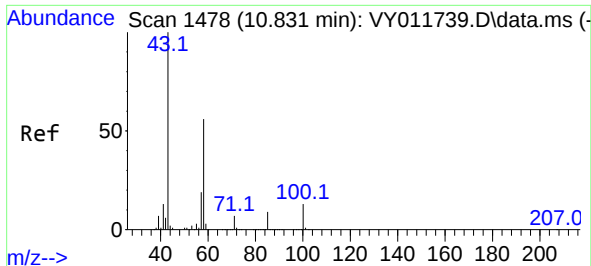
Tgt Ion: 63 Resp: 241065

Ion Ratio Lower Upper

63 100

106 29.7 23.2 34.8

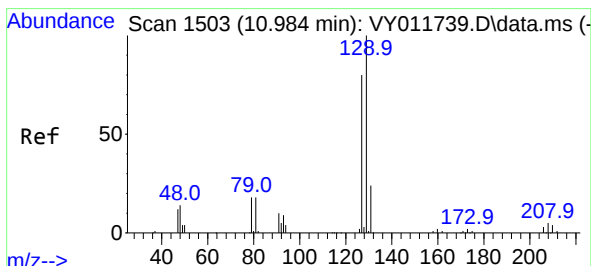
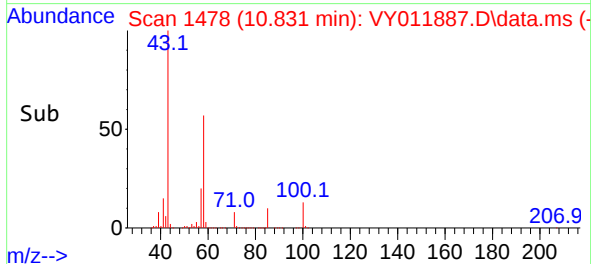
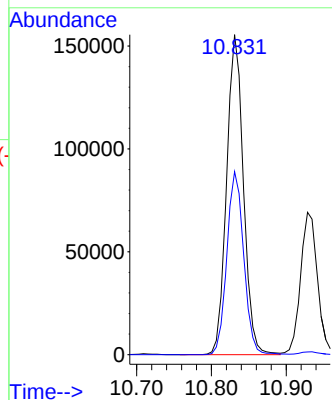
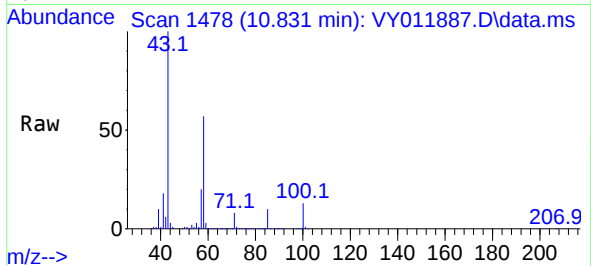




#59
2-Hexanone
Concen: 237.421 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

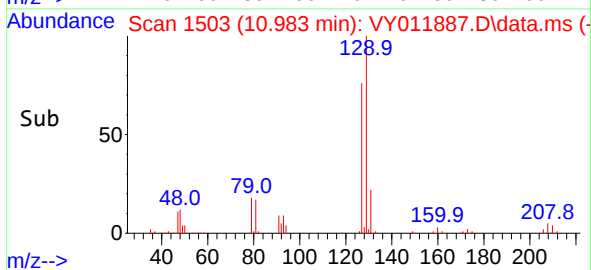
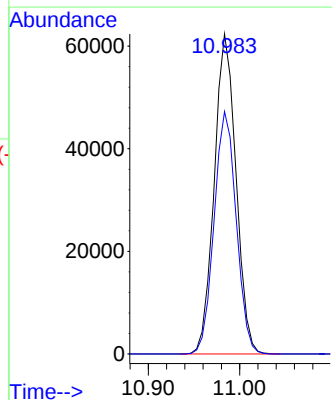
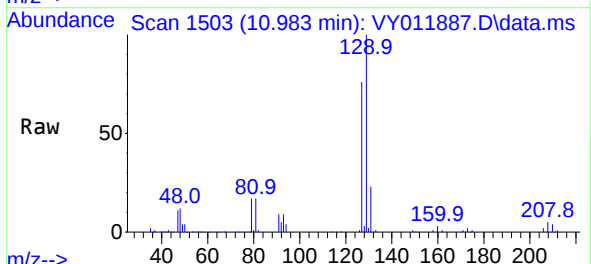
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

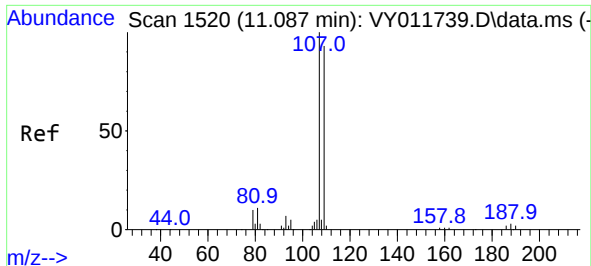
Tgt Ion: 43 Resp: 243502
Ion Ratio Lower Upper
43 100
58 57.4 28.4 85.2



#60
Dibromochloromethane
Concen: 52.436 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:129 Resp: 103245
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

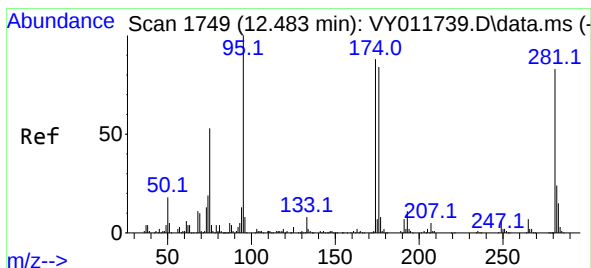
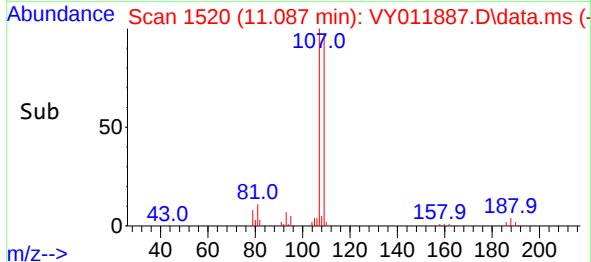
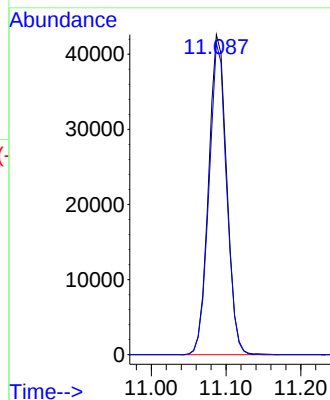
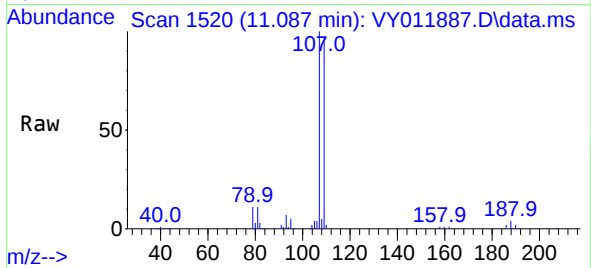




#61
1,2-Dibromoethane
Concen: 50.236 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

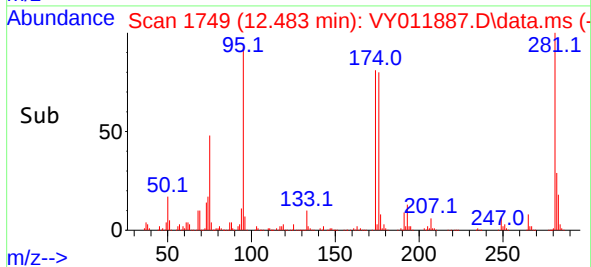
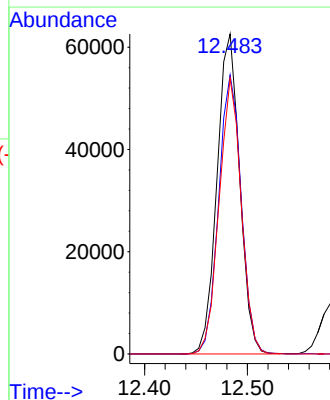
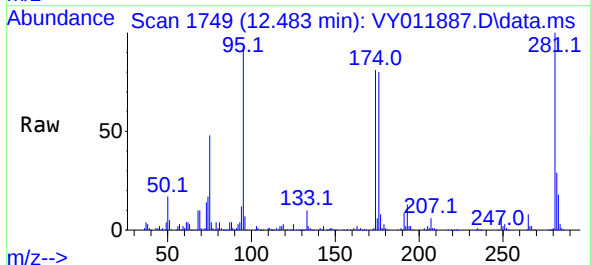
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

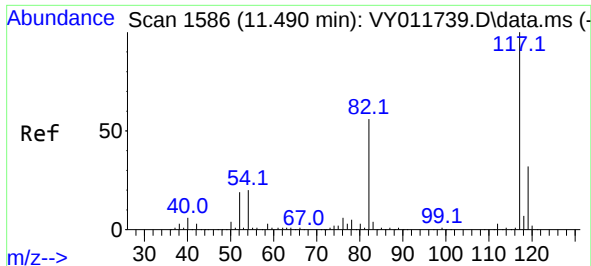
Tgt Ion:107 Resp: 71544
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 51.022 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 95 Resp: 95620
Ion Ratio Lower Upper
95 100
174 87.0 0.0 172.0
176 83.8 0.0 167.6

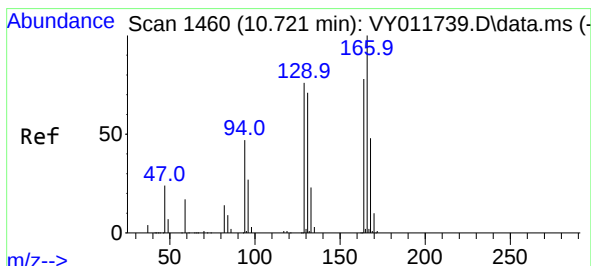
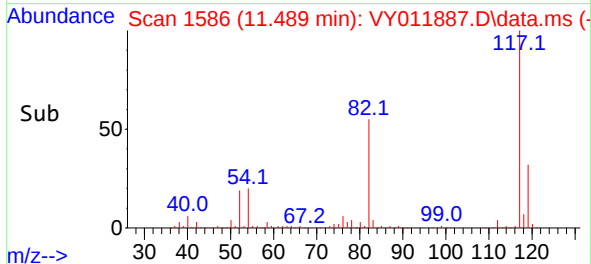
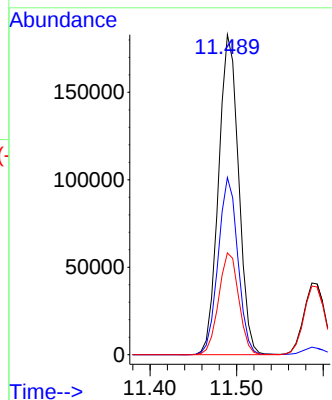
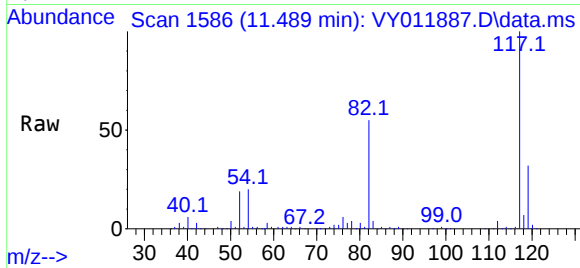




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

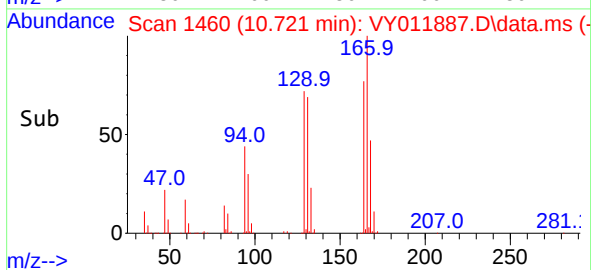
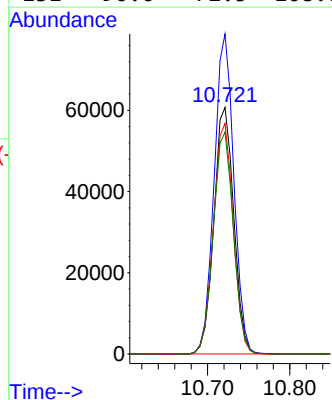
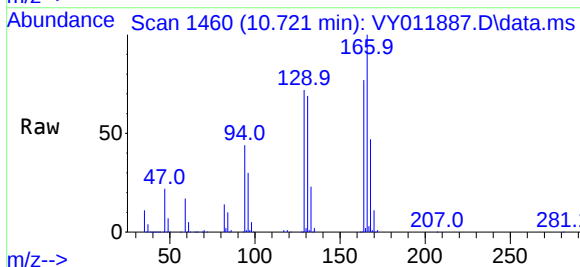
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

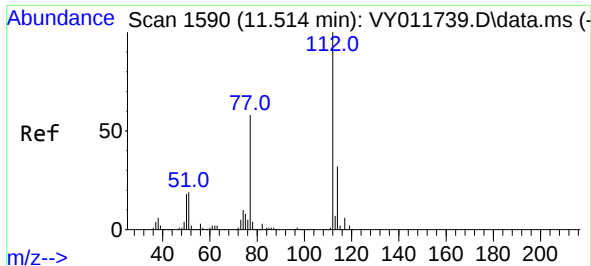
Tgt Ion:117 Resp: 294206
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 49.163 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:164 Resp: 102334
Ion Ratio Lower Upper
164 100
166 129.8 102.3 153.5
129 93.5 77.2 115.8
131 90.0 72.5 108.7

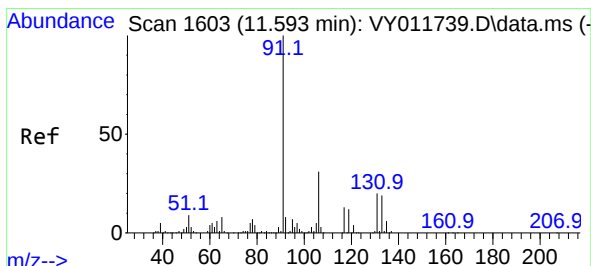
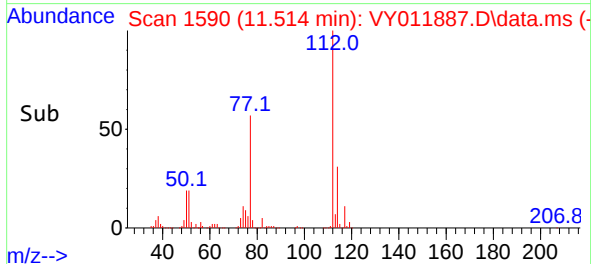
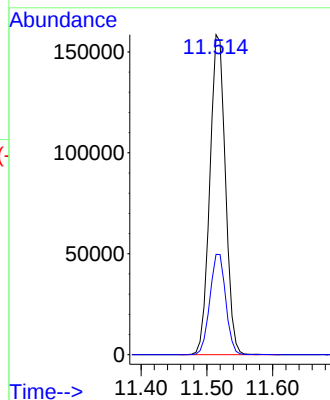
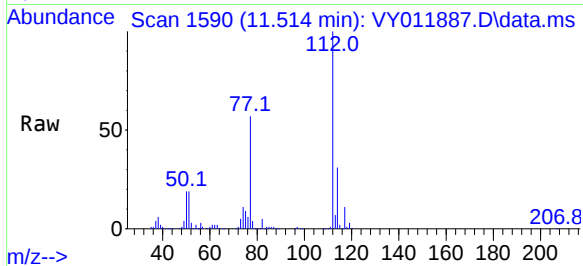




#65
Chlorobenzene
Concen: 49.288 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

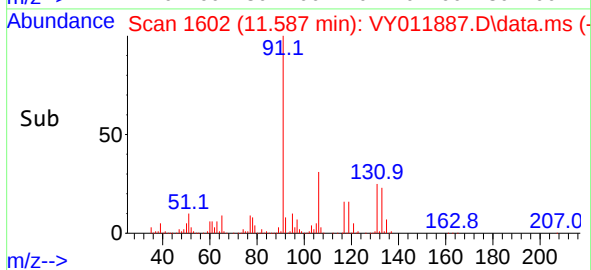
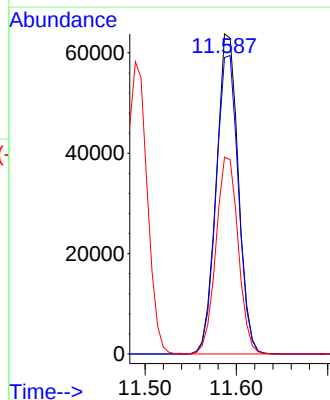
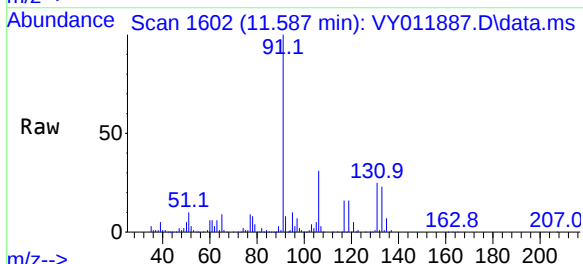
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

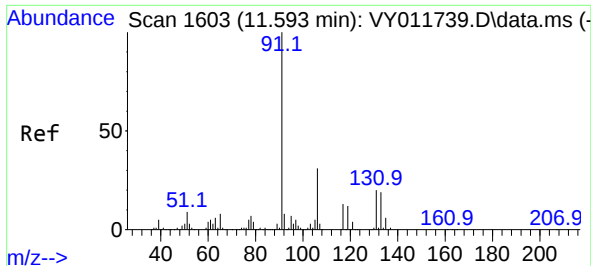
Tgt Ion:112 Resp: 261281
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.851 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:131 Resp: 106633
Ion Ratio Lower Upper
131 100
133 94.5 47.3 142.0
119 62.4 32.1 96.3

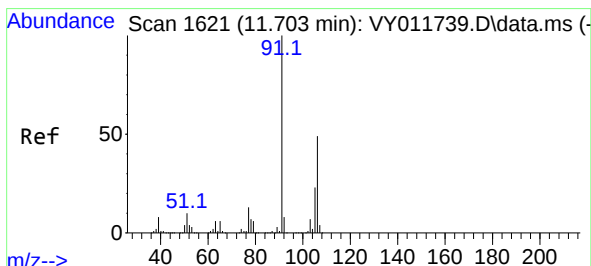
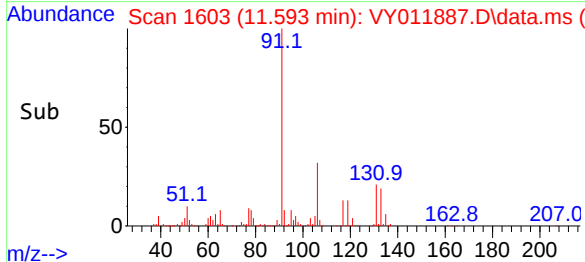
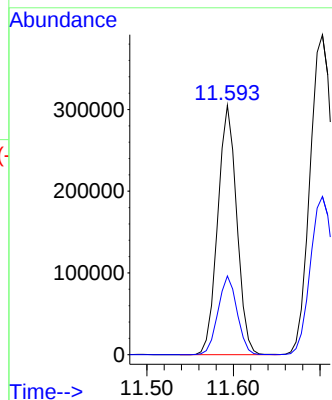
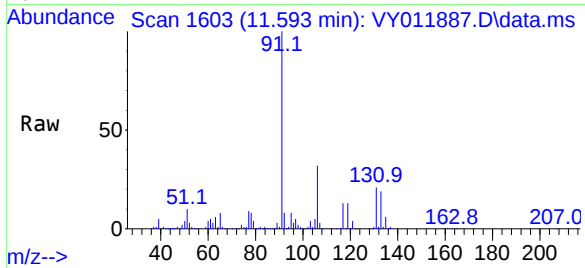




#67
Ethyl Benzene
Concen: 49.853 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

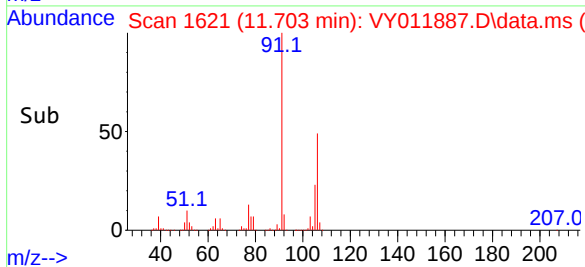
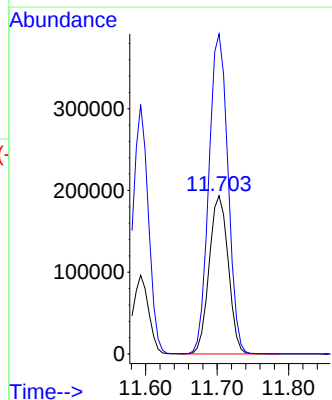
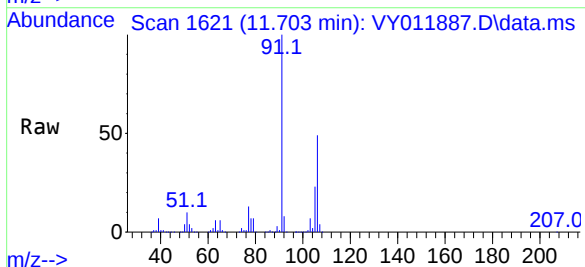
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

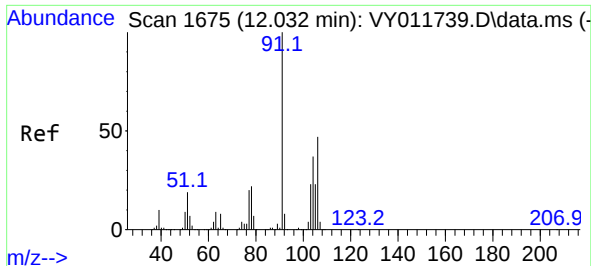
Tgt Ion: 91 Resp: 465661
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4



#68
m/p-Xylenes
Concen: 100.280 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:106 Resp: 358712
Ion Ratio Lower Upper
106 100
91 202.4 162.5 243.7

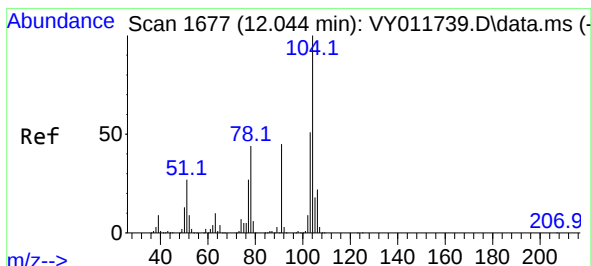
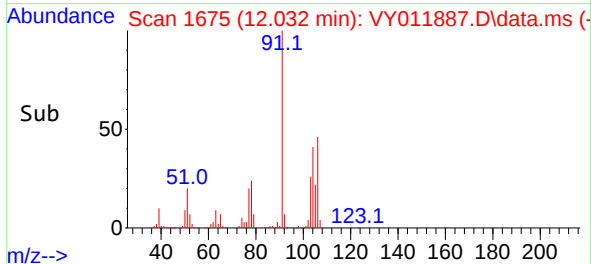
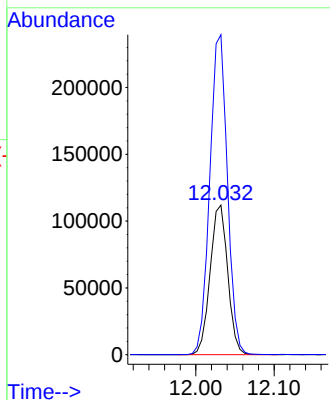
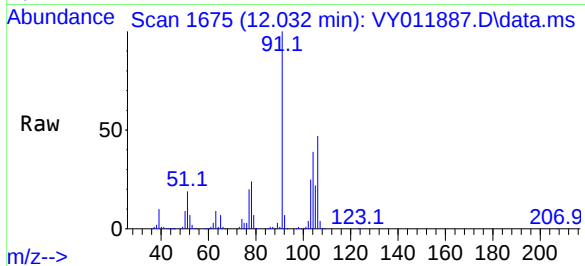




#69
o-Xylene
Concen: 51.254 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

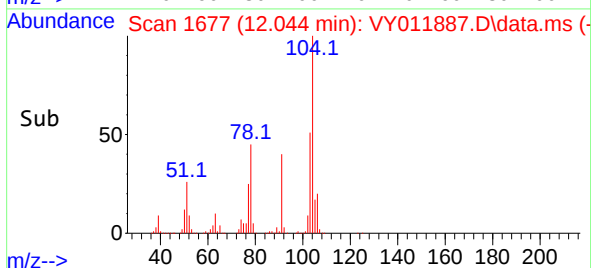
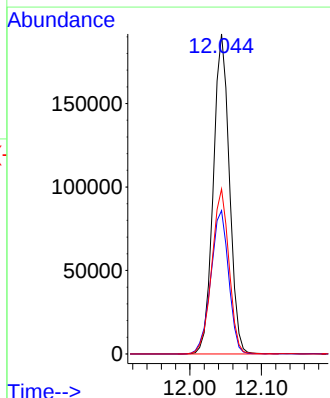
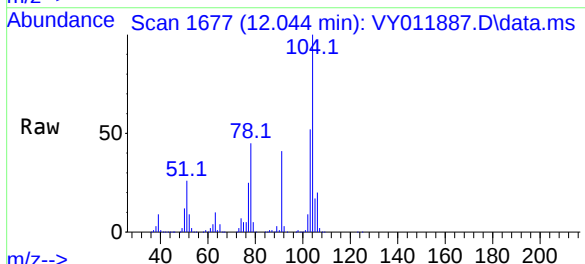
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

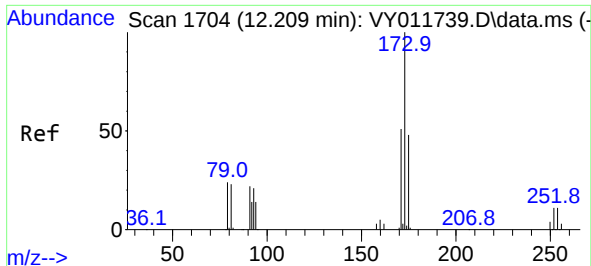
Tgt Ion:106 Resp: 174757
Ion Ratio Lower Upper
106 100
91 213.9 107.5 322.4



#70
Styrene
Concen: 51.474 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:104 Resp: 299547
Ion Ratio Lower Upper
104 100
78 49.5 39.4 59.0
103 54.9 43.0 64.4

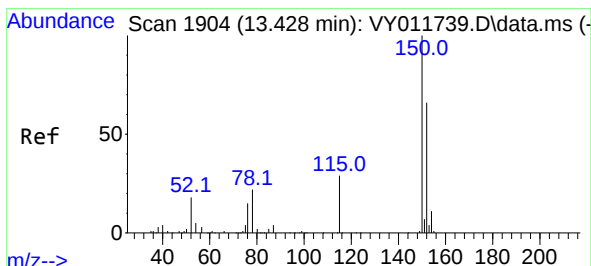
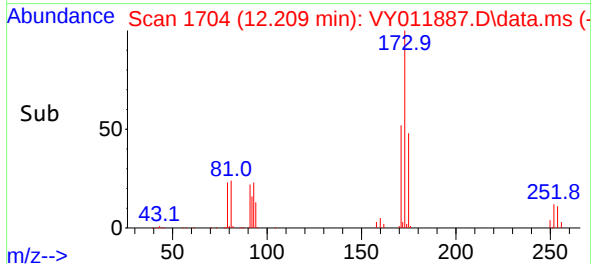
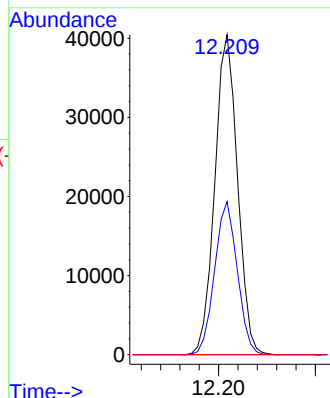
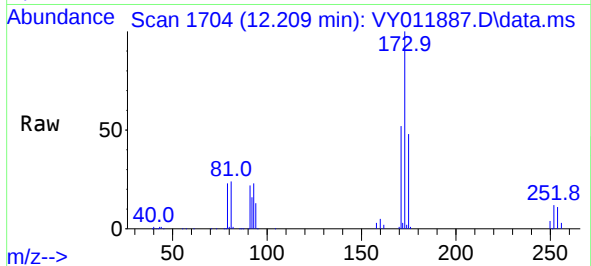




#71
Bromoform
Concen: 51.963 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

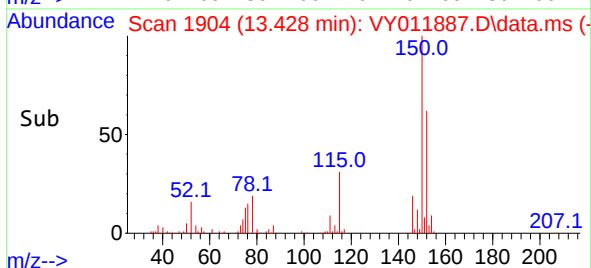
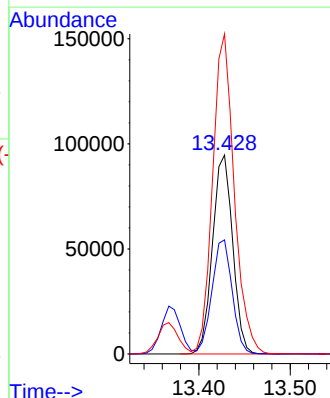
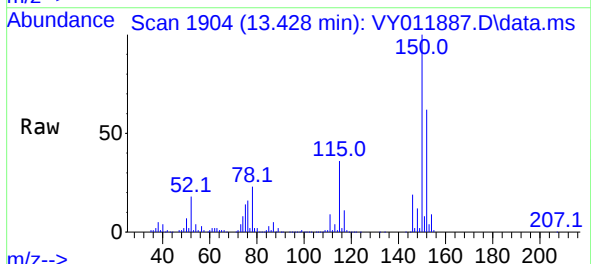
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

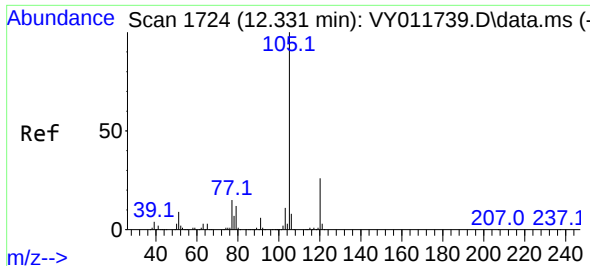
Tgt Ion:173 Resp: 65914
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:152 Resp: 145074
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 172.3 0.0 342.6

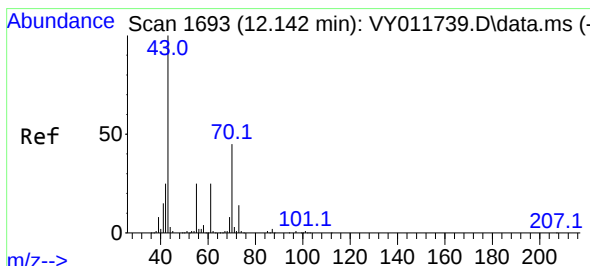
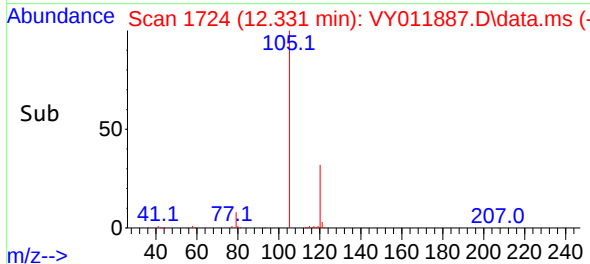
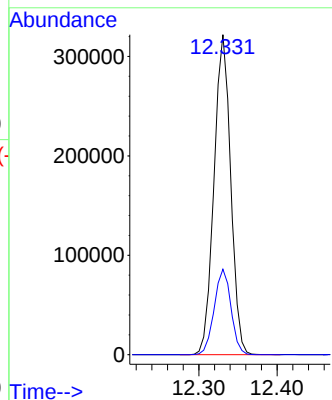
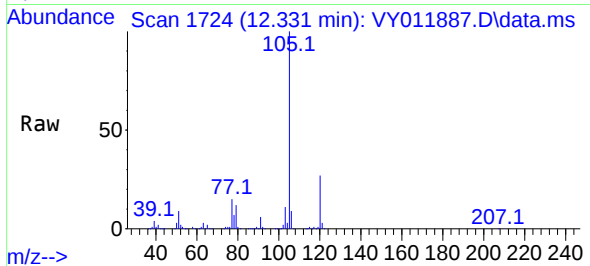




#73
Isopropylbenzene
Concen: 50.672 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

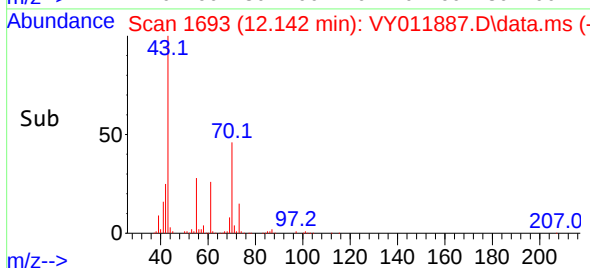
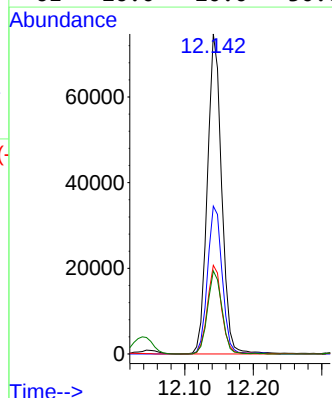
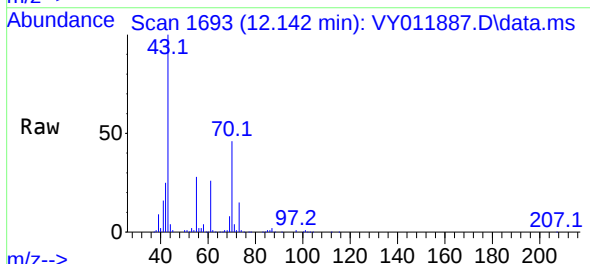
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

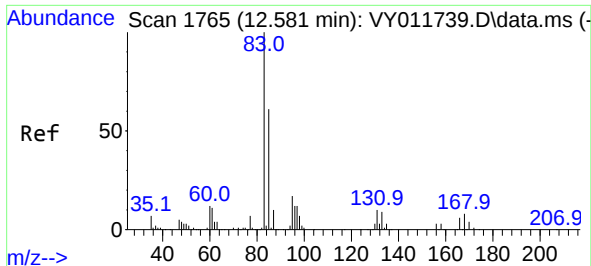
Tgt Ion:105 Resp: 476283
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 48.009 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 43 Resp: 108496
Ion Ratio Lower Upper
43 100
70 47.3 35.8 53.8
55 27.8 21.0 31.4
61 26.0 20.0 30.0

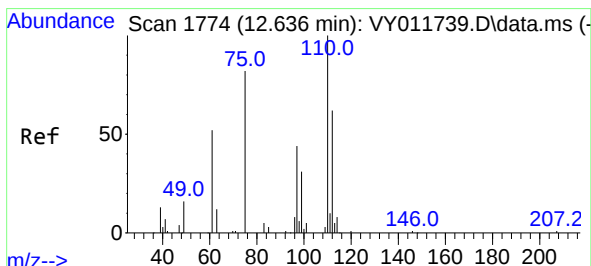
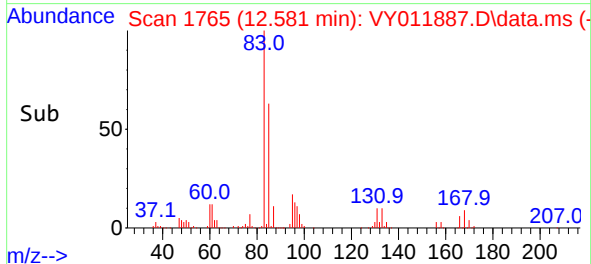
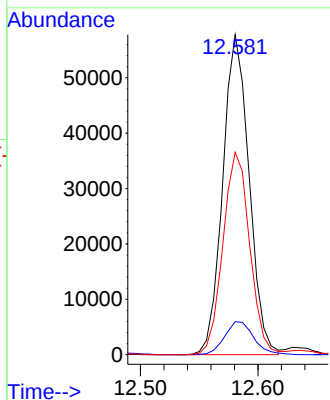
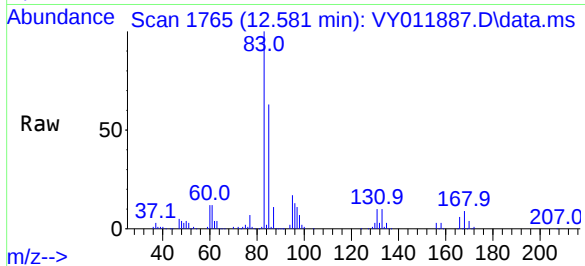




#75
1,1,2,2-Tetrachloroethane
Concen: 49.216 ug/l
RT: 12.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

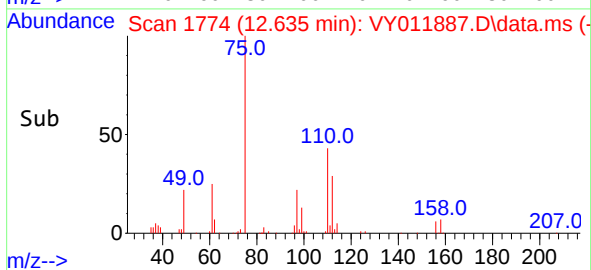
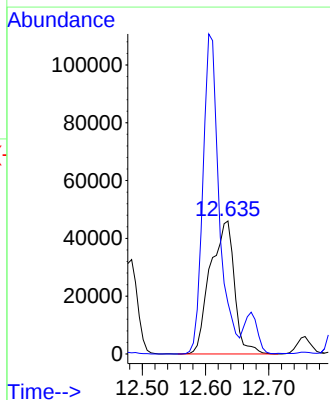
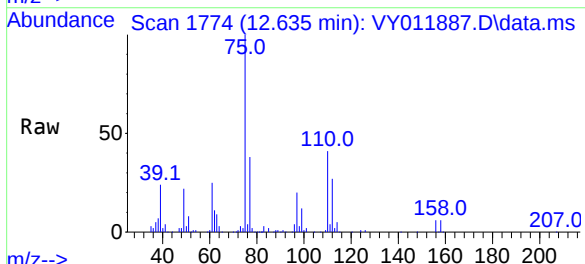
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

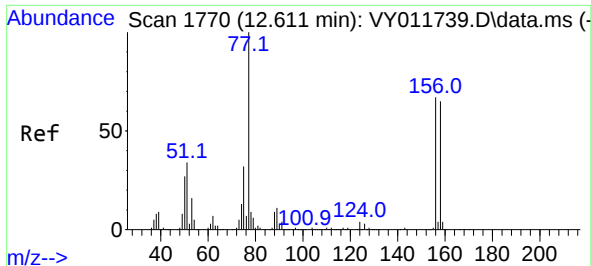
Tgt Ion: 83 Resp: 90092
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 64.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 83.121 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 75 Resp: 122002
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

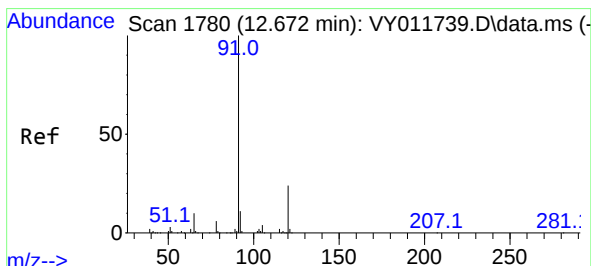
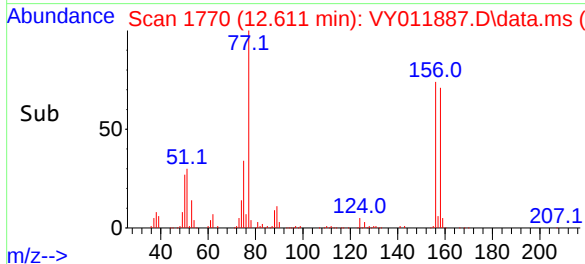
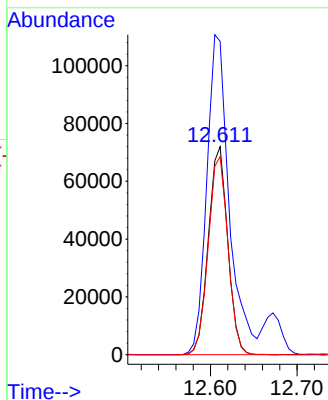
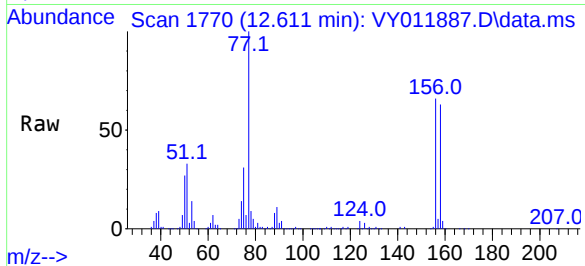




#77
Bromobenzene
Concen: 50.945 ug/l
RT: 12.611 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

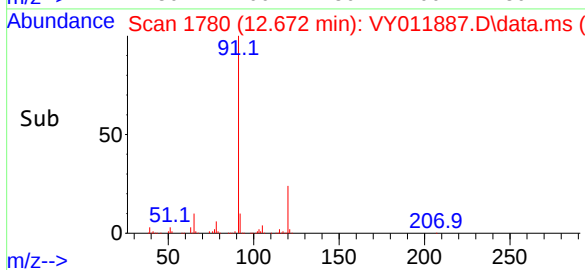
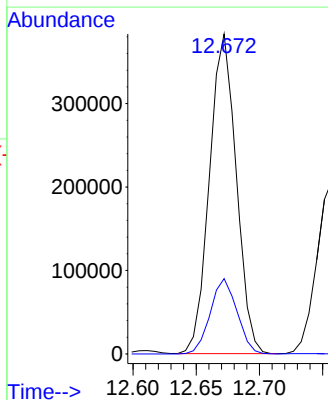
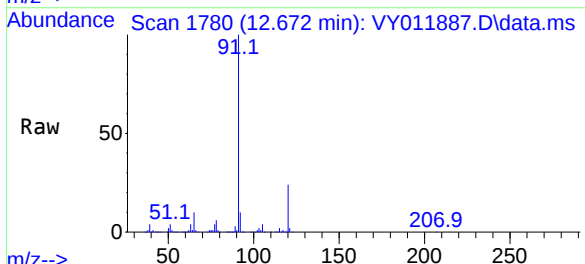
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

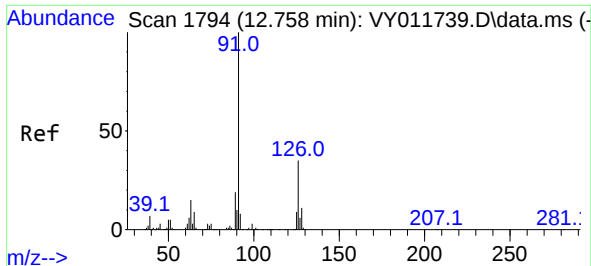
Tgt Ion:156 Resp: 111803
Ion Ratio Lower Upper
156 100
77 178.0 90.0 270.0
158 96.9 48.4 145.2



#78
n-propylbenzene
Concen: 50.127 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 91 Resp: 564637
Ion Ratio Lower Upper
91 100
120 23.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 49.933 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

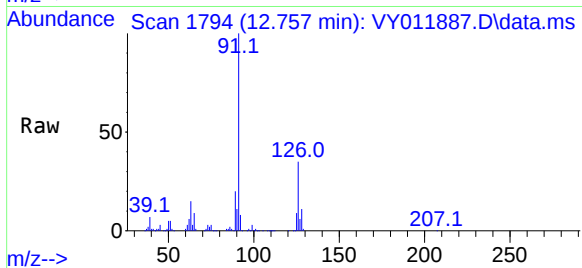
VSTDCCC050EC

Tgt Ion: 91 Resp: 320999

Ion Ratio Lower Upper

91 100

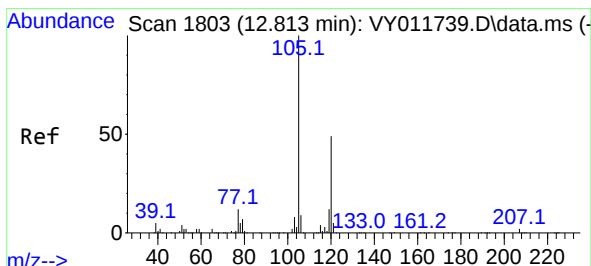
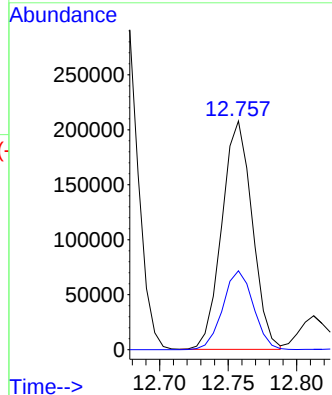
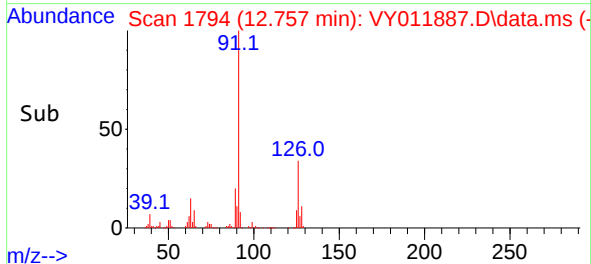
126 34.6 17.2 51.5



Abundance

12.757

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.742 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY011887.D

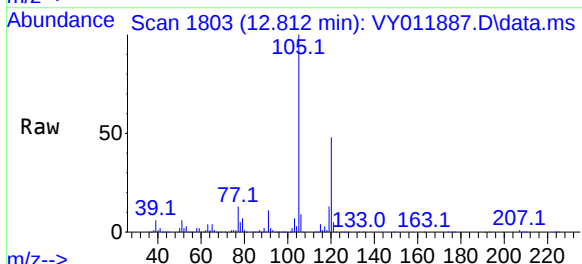
Acq: 15 Dec 2022 21:01

Tgt Ion:105 Resp: 403135

Ion Ratio Lower Upper

105 100

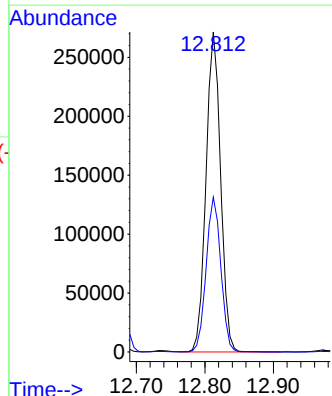
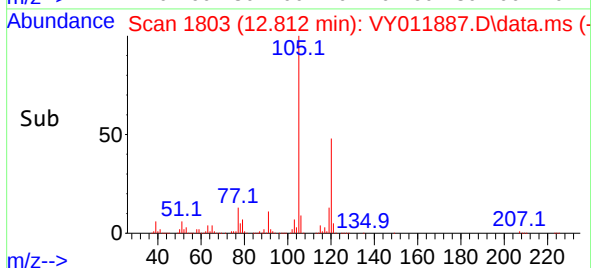
120 48.6 24.2 72.6

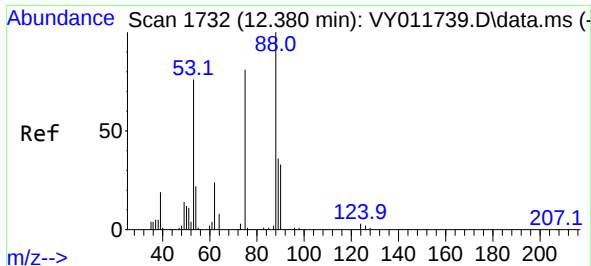


Abundance

12.812

Time-->

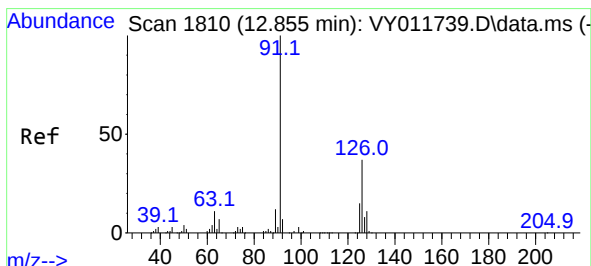
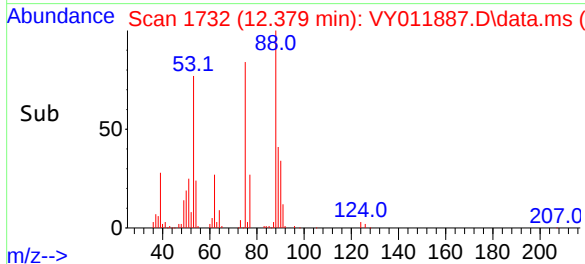
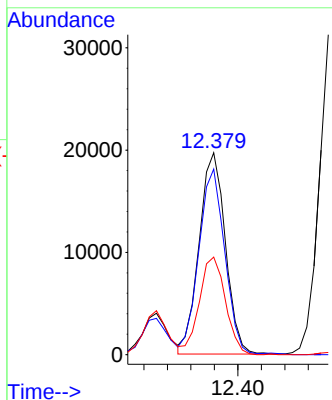
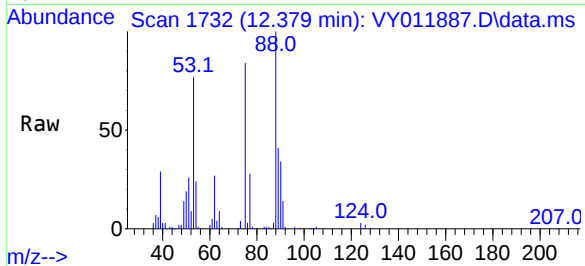




#81
trans-1,4-Dichloro-2-butene
Concen: 47.240 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

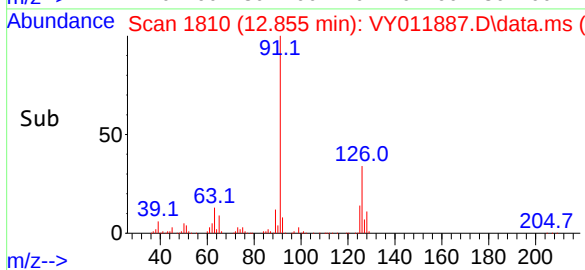
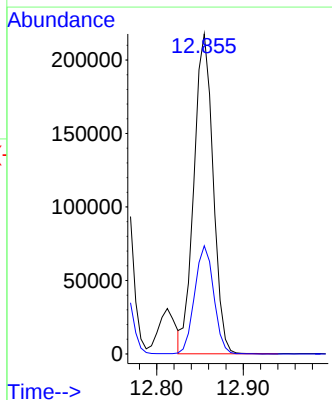
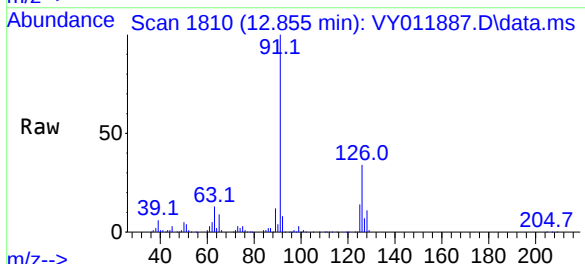
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

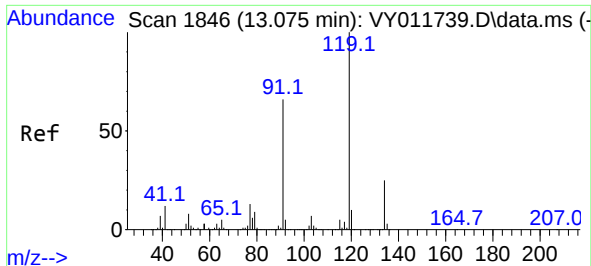
Tgt Ion: 75 Resp: 30556
Ion Ratio Lower Upper
75 100
53 92.1 72.5 108.7
89 48.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.064 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 91 Resp: 333814
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2

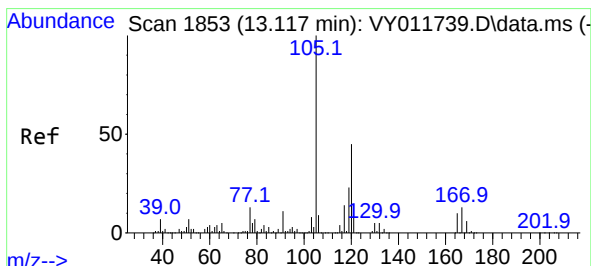
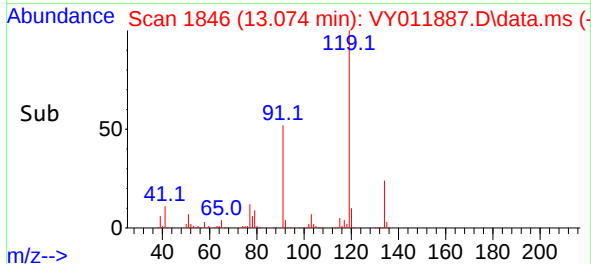
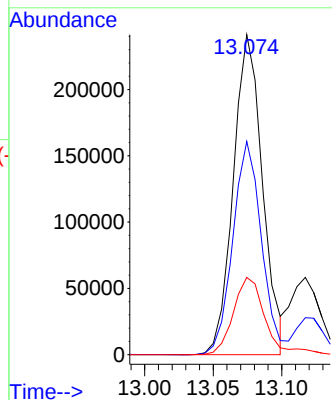
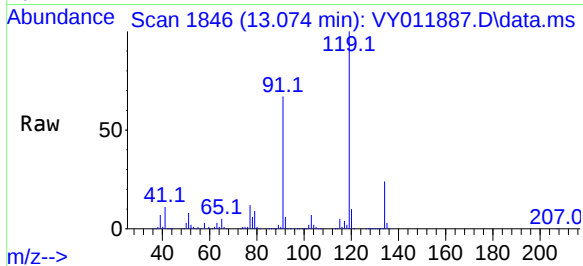




#83
tert-Butylbenzene
Concen: 51.818 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

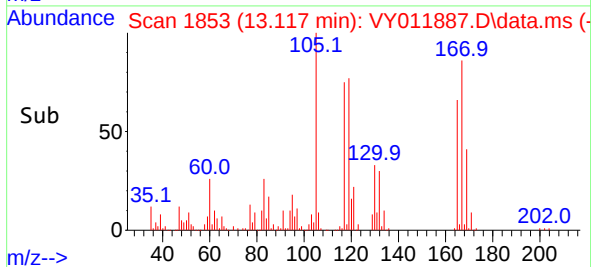
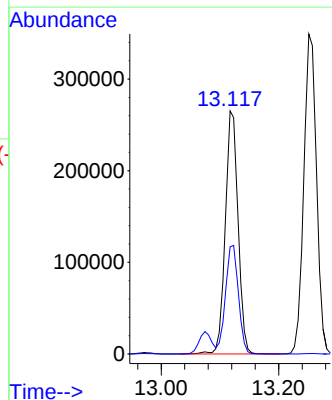
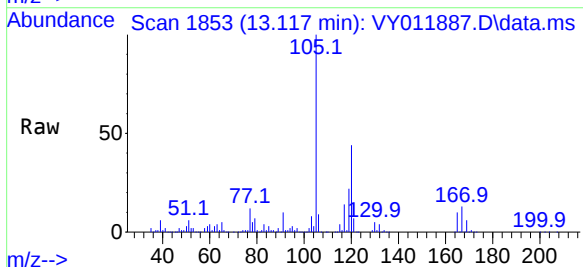
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

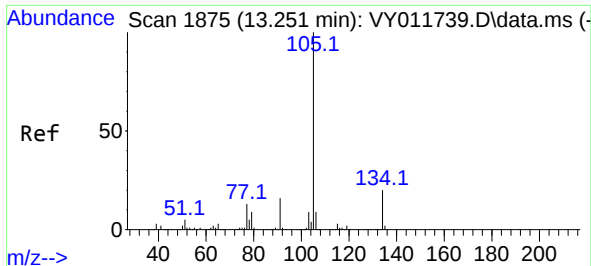
Tgt Ion:119 Resp: 358472
Ion Ratio Lower Upper
119 100
91 66.0 32.3 96.8
134 26.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 51.137 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:105 Resp: 400015
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7

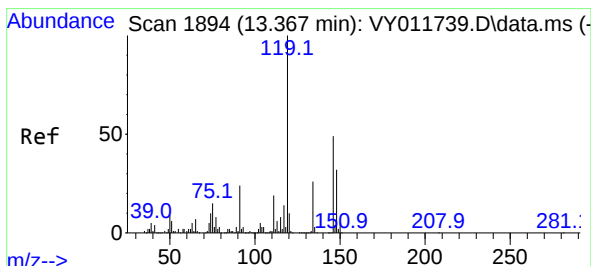
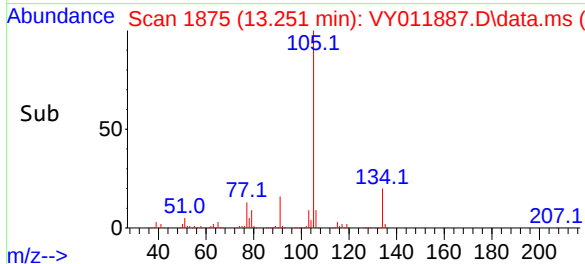
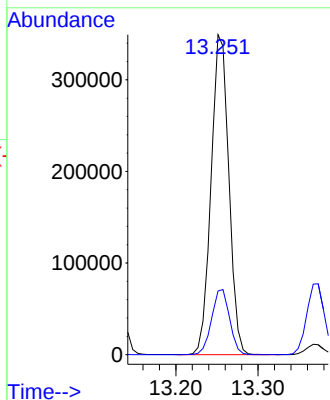
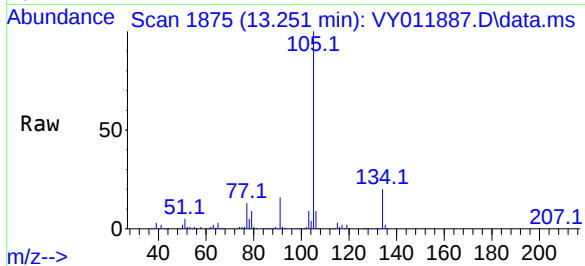




#85
 sec-Butylbenzene
 Concen: 50.755 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011887.D
 Acq: 15 Dec 2022 21:01

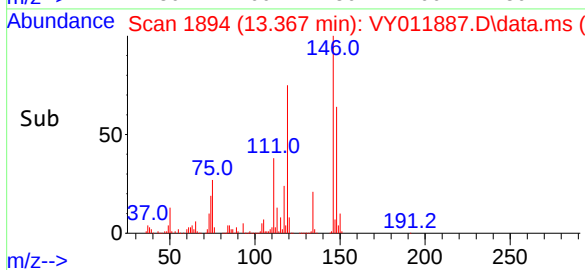
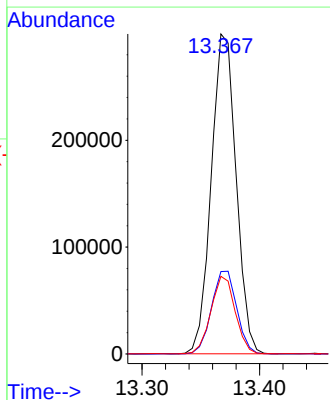
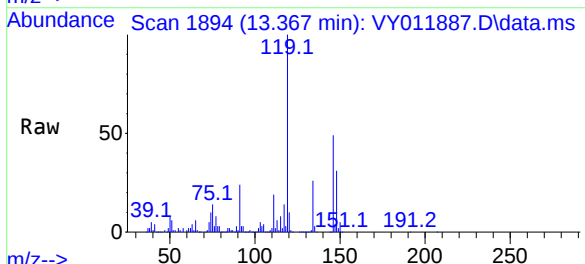
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 522902
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 51.352 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011887.D
 Acq: 15 Dec 2022 21:01

Tgt Ion:119 Resp: 440336
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 50.519 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

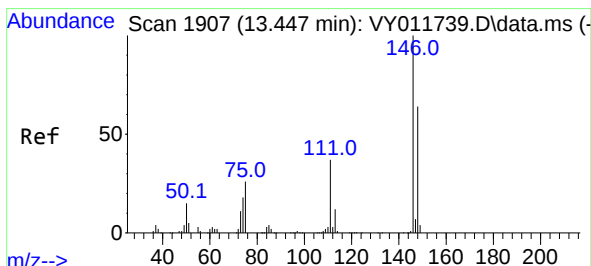
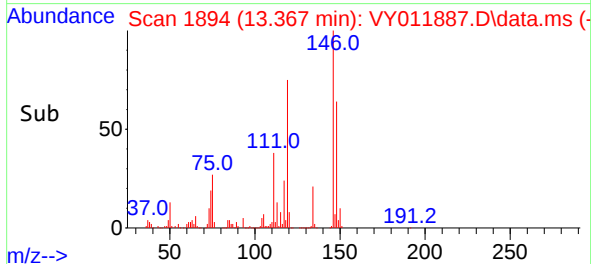
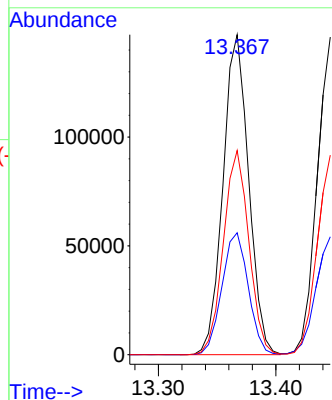
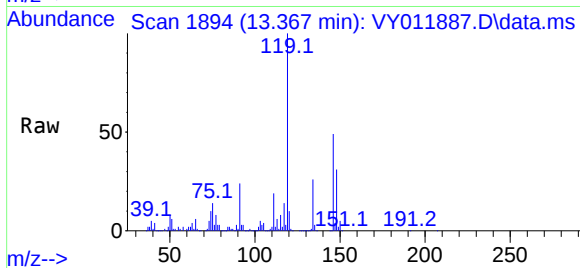
Tgt Ion:146 Resp: 223113

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 63.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.923 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

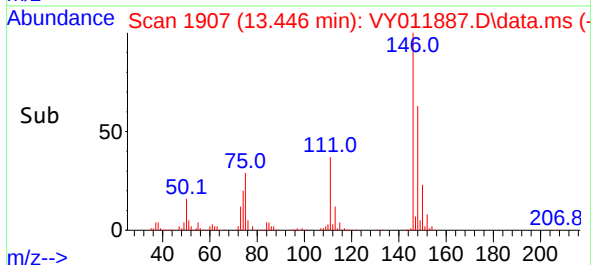
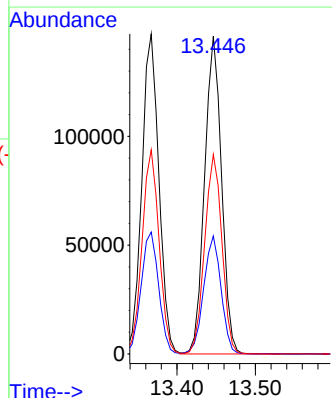
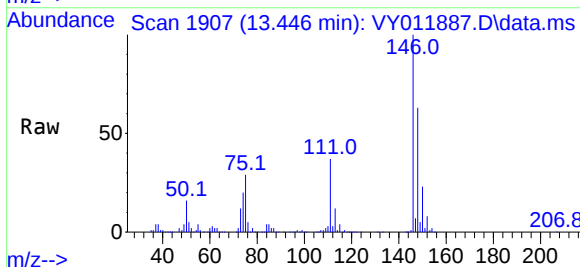
Tgt Ion:146 Resp: 219133

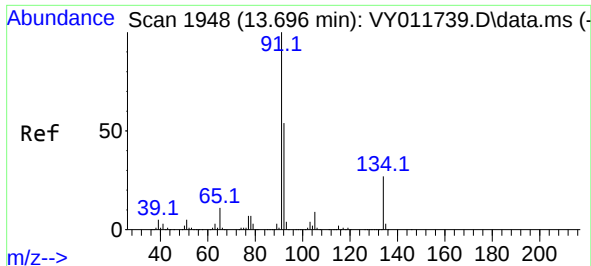
Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

148 64.0 31.9 95.7

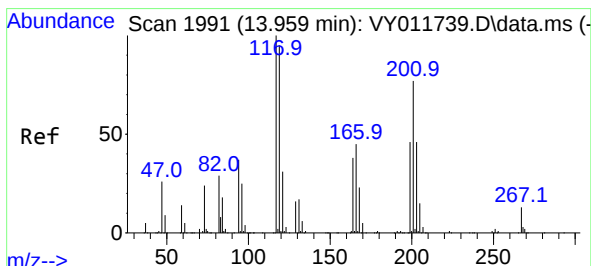
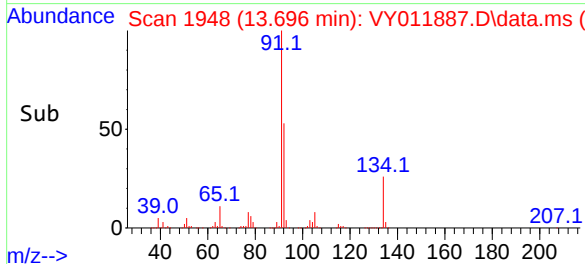
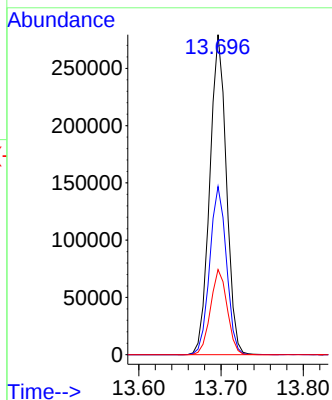
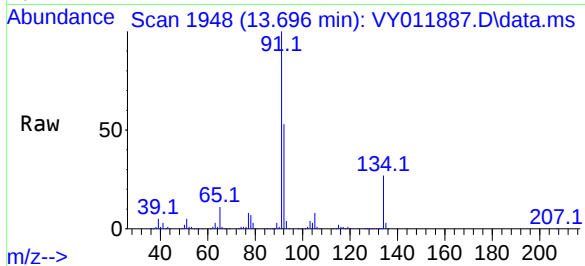




#89
n-Butylbenzene
Concen: 50.288 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

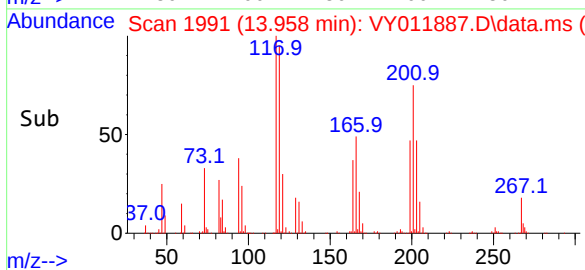
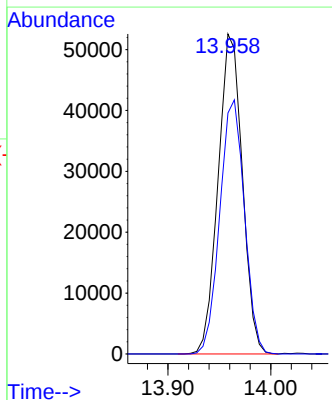
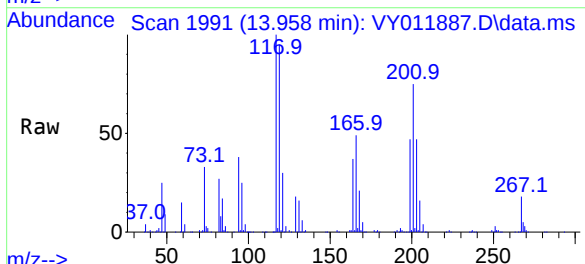
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

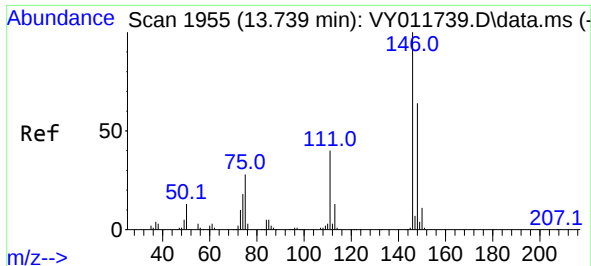
Tgt Ion: 91 Resp: 391993
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 26.7 13.3 39.8



#90
Hexachloroethane
Concen: 50.413 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion: 117 Resp: 85899
Ion Ratio Lower Upper
117 100
201 80.8 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 50.472 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

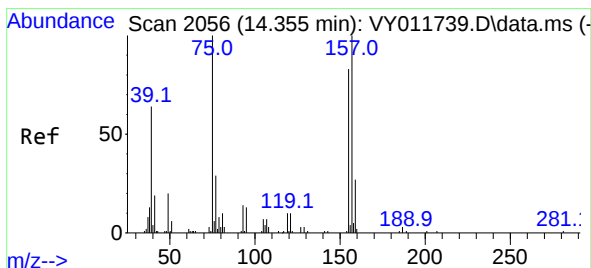
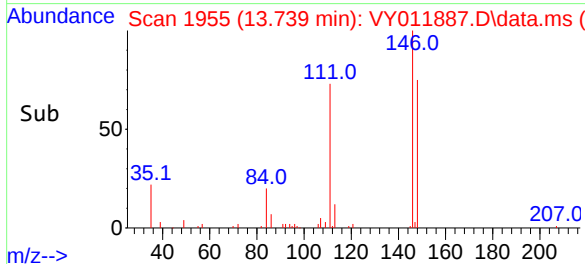
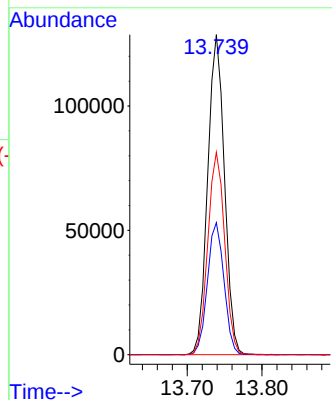
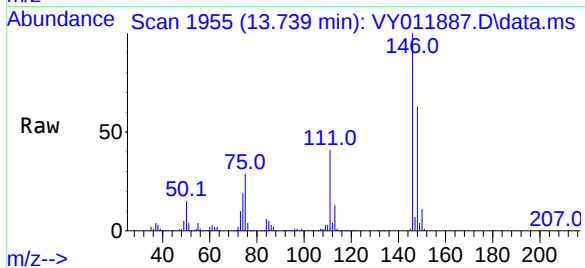
Tgt Ion:146 Resp: 200590

Ion Ratio Lower Upper

146 100

111 40.9 20.3 60.8

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.737 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011887.D

Acq: 15 Dec 2022 21:01

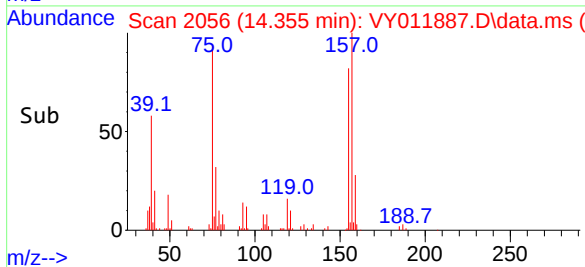
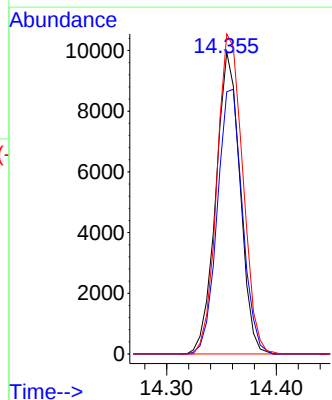
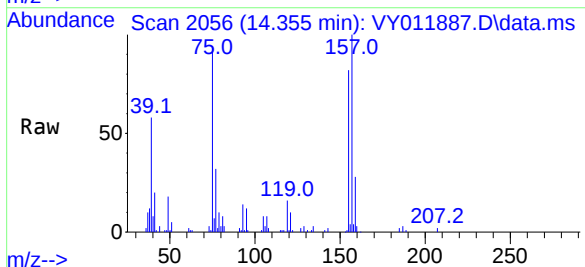
Tgt Ion: 75 Resp: 15235

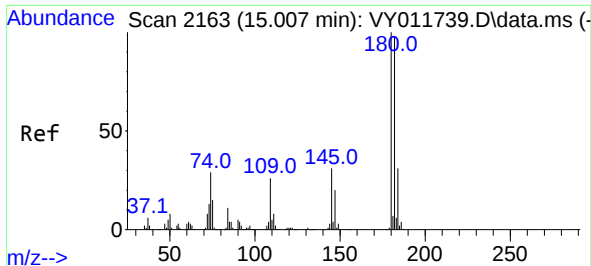
Ion Ratio Lower Upper

75 100

155 91.1 42.3 126.8

157 113.0 54.4 163.3

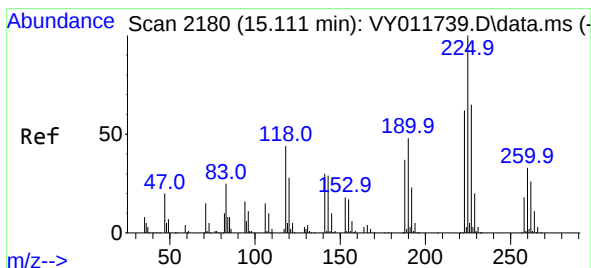
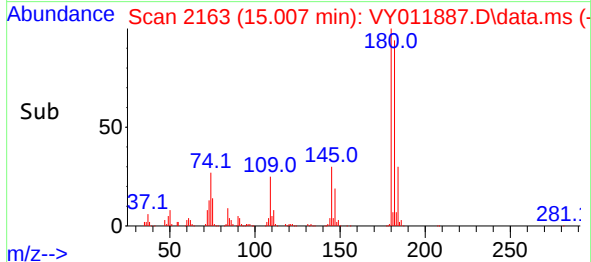
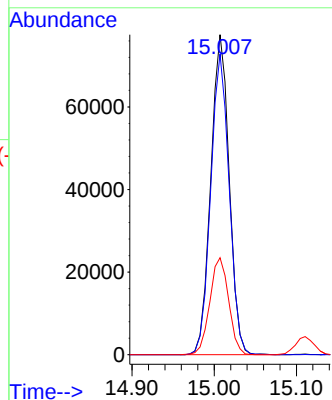
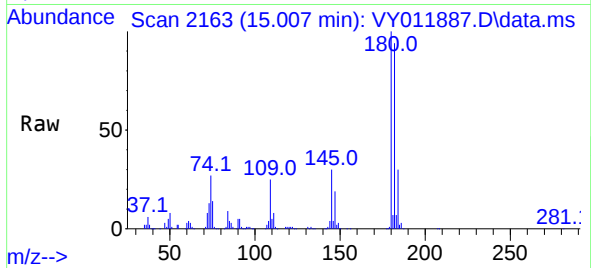




#93
1,2,4-Trichlorobenzene
Concen: 51.926 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

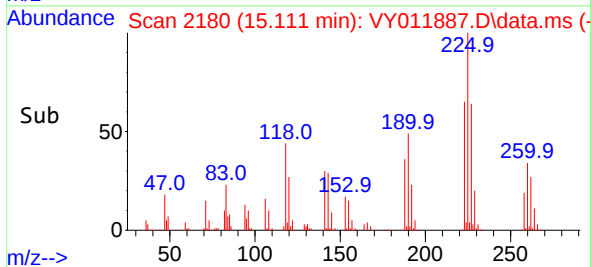
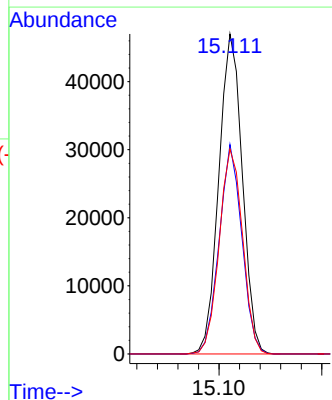
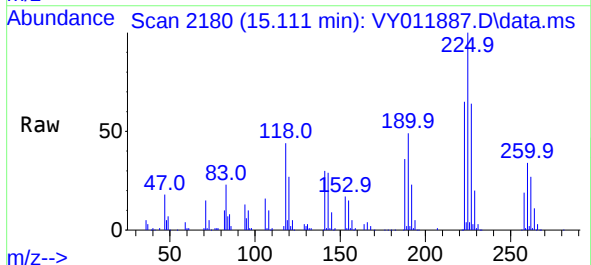
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

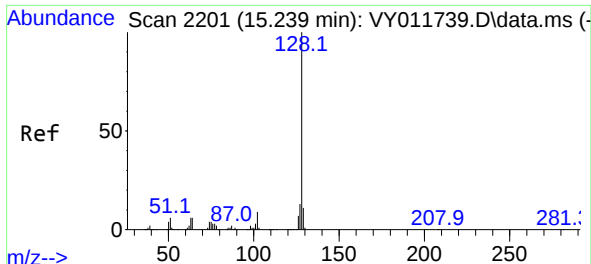
Tgt Ion:180 Resp: 120363
Ion Ratio Lower Upper
180 100
182 94.1 48.1 144.3
145 31.0 15.4 46.4



#94
Hexachlorobutadiene
Concen: 50.550 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:225 Resp: 74449
Ion Ratio Lower Upper
225 100
223 63.2 31.4 94.2
227 63.8 32.6 97.8

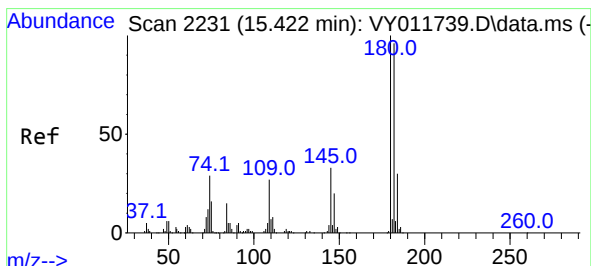
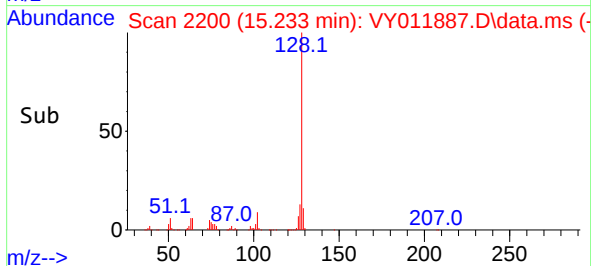
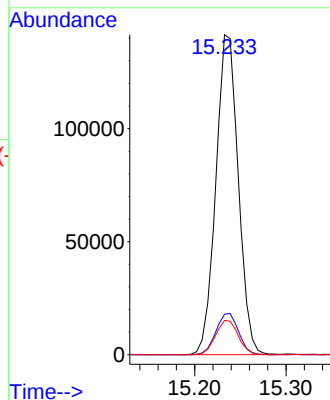
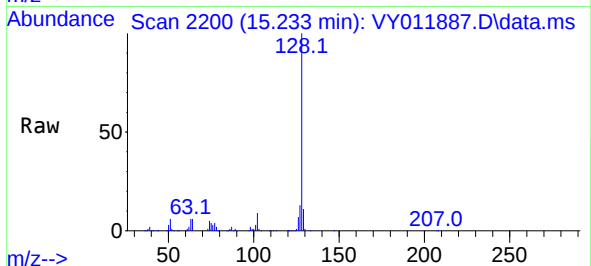




#95
Naphthalene
Concen: 53.774 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 241417
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.366 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011887.D
Acq: 15 Dec 2022 21:01

Tgt Ion:180 Resp: 104847
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.7
145 33.6 16.1 48.2

