

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008660.D
 Acq On : 09 May 2022 12:48
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 09 13:06:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 12:39:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	256588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	399074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	331781	121.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 243.680%#	
35) Dibromofluoromethane	7.716	113	381837	156.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 313.000%#	
50) Toluene-d8	10.179	98	1386169	147.732	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 295.460%#	
62) 4-Bromofluorobenzene	12.483	95	471980	137.514	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 275.020%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	201584	131.727	ug/l	99
3) Chloromethane	2.113	50	256823	82.614	ug/l	97
4) Vinyl Chloride	2.260	62	334515	117.498	ug/l	99
5) Bromomethane	2.650	94	224884	60.291	ug/l	97
6) Chloroethane	2.796	64	198571	64.214	ug/l	98
7) Trichlorofluoromethane	3.119	101	401988	101.652	ug/l	96
8) Diethyl Ether	3.522	74	238374	140.014	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.900	101	394371	146.977	ug/l	94
10) Methyl Iodide	4.088	142	654230	161.544	ug/l #	86
11) Tert butyl alcohol	4.954	59	157265	593.362	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	421271	159.829	ug/l #	73
13) Acrolein	3.723	56	185993	1128.369	ug/l	97
14) Allyl chloride	4.473	41	529551	140.617	ug/l #	83
15) Acrylonitrile	5.155	53	545589	662.627	ug/l	97
16) Acetone	3.942	43	367751	589.695	ug/l #	80
17) Carbon Disulfide	4.192	76	1126077	163.233	ug/l	99
18) Methyl Acetate	4.473	43	233299	104.472	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	699233	125.663	ug/l	95
20) Methylene Chloride	4.710	84	445429	123.926	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	463815	143.227	ug/l #	79
22) Diisopropyl ether	6.113	45	1109628	129.520	ug/l #	89
23) Vinyl Acetate	6.052	43	3734343	655.488	ug/l #	86
24) 1,1-Dichloroethane	6.009	63	730467	134.152	ug/l	97
25) 2-Butanone	6.978	43	645181	623.425	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	472936	130.672	ug/l	88
27) cis-1,2-Dichloroethene	6.978	96	528409	142.573	ug/l	77
28) Bromochloromethane	7.332	49	244544	114.645	ug/l #	60
29) Tetrahydrofuran	7.344	42	429069	626.516	ug/l #	74
30) Chloroform	7.503	83	772862	135.660	ug/l	100
31) Cyclohexane	7.783	56	633520	131.361	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	640194	136.250	ug/l #	93
36) 1,1-Dichloropropene	7.917	75	608276	155.963	ug/l	94
37) Ethyl Acetate	7.070	43	292637	139.290	ug/l #	89
38) Carbon Tetrachloride	7.899	117	632611	162.408	ug/l	98
39) Methylcyclohexane	9.179	83	819325	157.748	ug/l #	85
40) Benzene	8.161	78	1764024	155.048	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	387019	364.756	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	446954	135.515	ug/l	86
43) Isopropyl Acetate	8.271	43	552363	142.752	ug/l #	84
44) Trichloroethene	8.935	130	523425	157.848	ug/l	98
45) 1,2-Dichloropropane	9.216	63	427751	150.465	ug/l	96
46) Dibromomethane	9.301	93	267196	137.794	ug/l	95
47) Bromodichloromethane	9.496	83	606180	145.640	ug/l	98
48) Methyl methacrylate	9.289	41	246126	139.893	ug/l #	71
49) 1,4-Dioxane	9.301	88	68732	3222.865	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	1430506	672.829	ug/l #	81
52) Toluene	10.246	92	1166570	148.055	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	650935	135.078	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	746757	149.748	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	382320	136.326	ug/l	98
56) Ethyl methacrylate	10.508	69	510960	142.094	ug/l #	69
57) 1,3-Dichloropropane	10.789	76	620195	137.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	1253999	751.116	ug/l #	89
59) 2-Hexanone	10.831	43	983552	649.800	ug/l	76
60) Dibromochloromethane	10.984	129	477614	146.990	ug/l	100
61) 1,2-Dibromoethane	11.087	107	379553	142.691	ug/l	100
64) Tetrachloroethene	10.721	164	447283	160.101	ug/l	97
65) Chlorobenzene	11.514	112	1270545	154.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	479019	159.449	ug/l	97
67) Ethyl Benzene	11.593	91	2223684	154.581	ug/l	96
68) m/p-Xylenes	11.703	106	1777479	281.257	ug/l	89
69) o-Xylene	12.032	106	847115	136.212	ug/l	88
70) Styrene	12.044	104	1426594	134.828	ug/l	93
71) Bromoform	12.209	173	309324	139.937	ug/l #	98
73) Isopropylbenzene	12.331	105	2152719	145.680	ug/l	98
74) N-amyl acetate	12.142	43	472562	127.573	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.581	83	430630	141.858	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	532916	268.515	ug/l #	100
77) Bromobenzene	12.611	156	529538	160.558	ug/l	88
78) n-propylbenzene	12.672	91	2520083	158.651	ug/l	96
79) 2-Chlorotoluene	12.758	91	1389401	162.918	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	1707351	162.678	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	162156	151.867	ug/l #	75
82) 4-Chlorotoluene	12.855	91	1421684	159.463	ug/l	94
83) tert-Butylbenzene	13.075	119	1527613	158.550	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	1680674	157.864	ug/l	96
85) sec-Butylbenzene	13.258	105	2244512	156.122	ug/l	98
86) p-Isopropyltoluene	13.373	119	1894852	157.279	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	998081	156.718	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	978004	153.990	ug/l	98
89) n-Butylbenzene	13.697	91	1711445	153.136	ug/l	97
90) Hexachloroethane	13.965	117	362358	153.438	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	881588	156.897	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	64411	137.879	ug/l	60
93) 1,2,4-Trichlorobenzene	15.007	180	578005	158.929	ug/l	100
94) Hexachlorobutadiene	15.117	225	311818	162.621	ug/l	98
95) Naphthalene	15.239	128	1246113	159.913	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	513425	159.480	ug/l	99

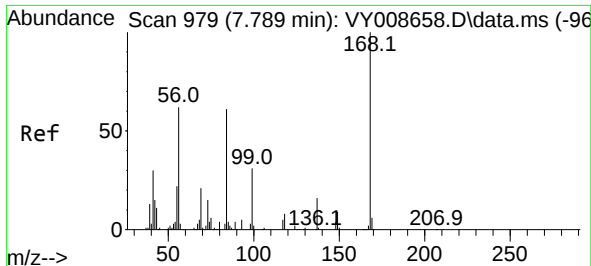
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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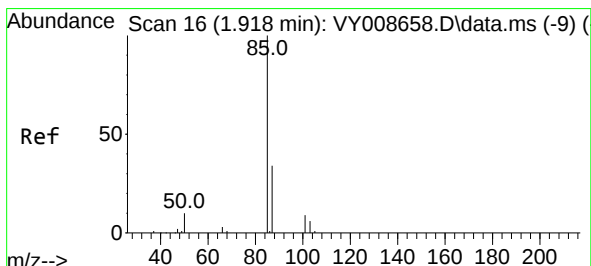
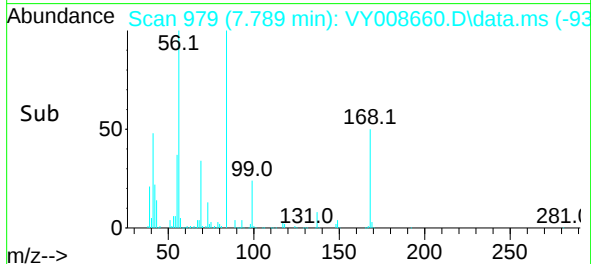
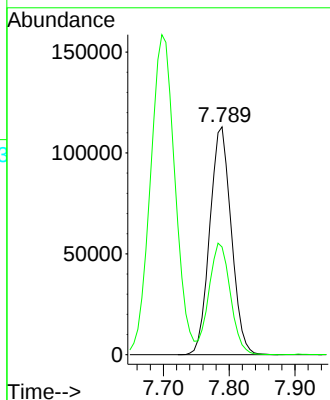
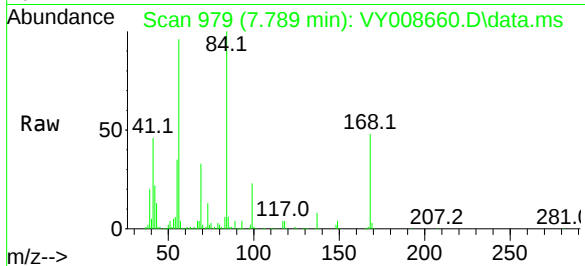
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008660.D
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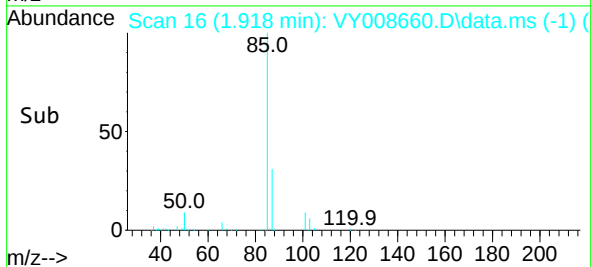
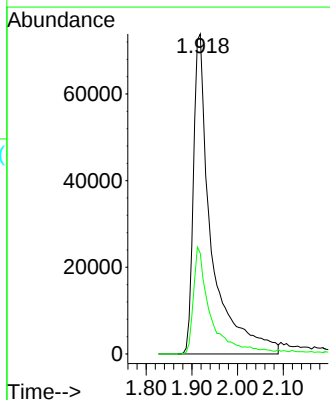
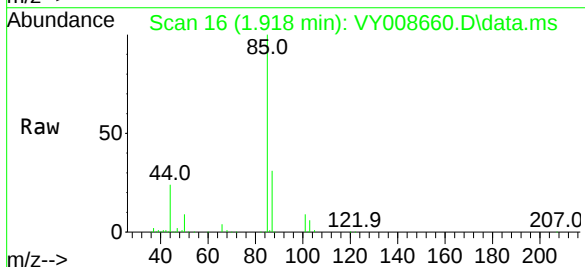
Instrument :
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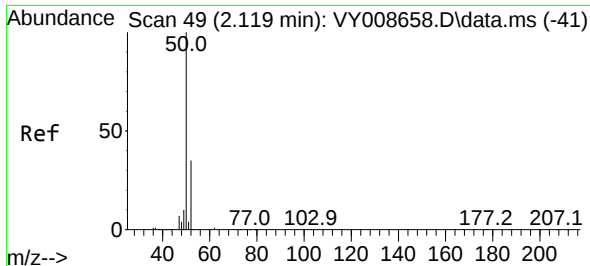
Tgt Ion:168 Resp: 256588
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 131.727 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 85 Resp: 201584
Ion Ratio Lower Upper
85 100
87 31.5 16.1 48.2

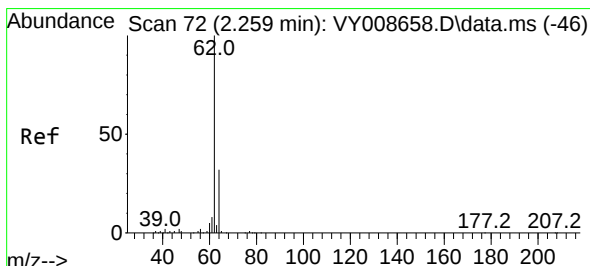
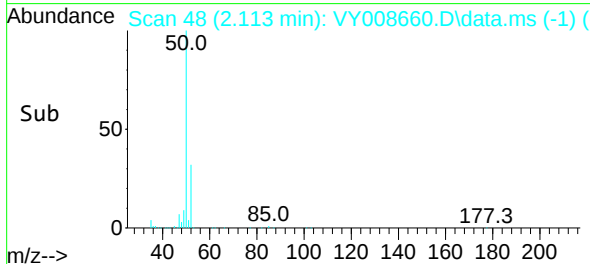
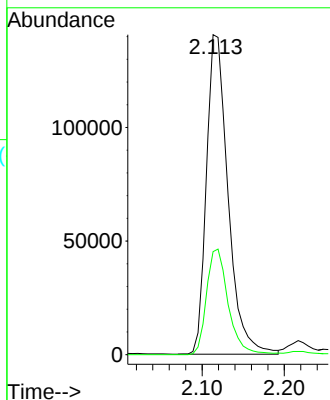
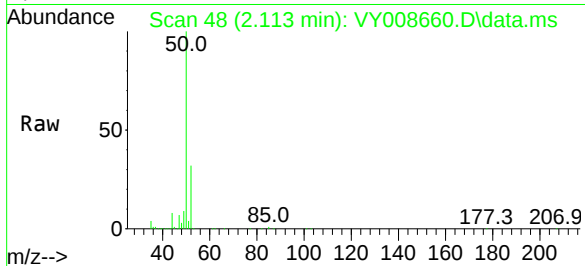




#3
Chloromethane
Concen: 82.614 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008660.D
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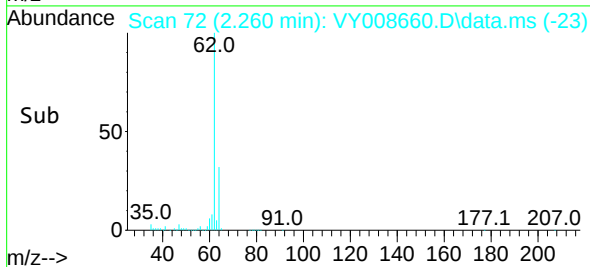
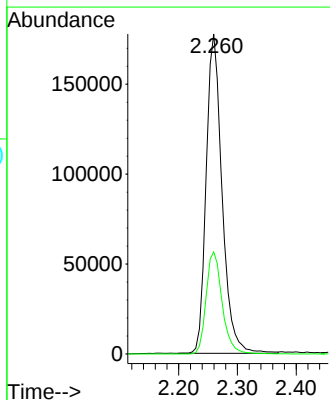
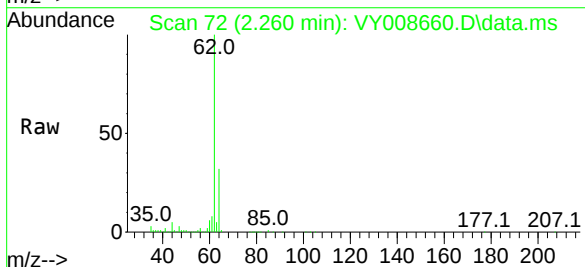
Instrument :
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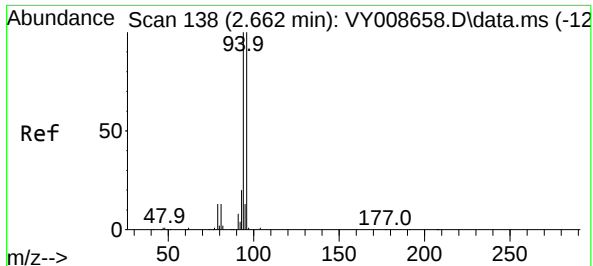
Tgt Ion: 50 Resp: 256823
Ion Ratio Lower Upper
50 100
52 32.3 24.6 37.0



#4
Vinyl Chloride
Concen: 117.498 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 62 Resp: 334515
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6

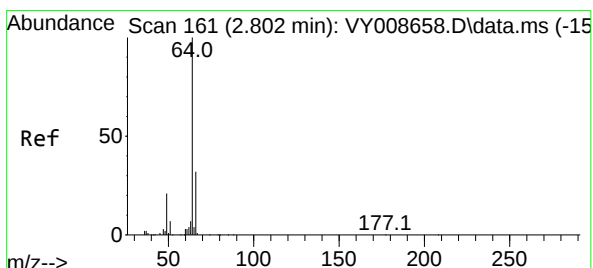
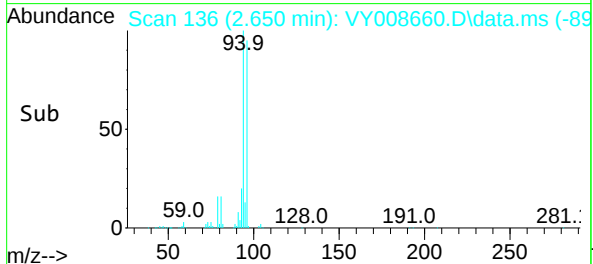
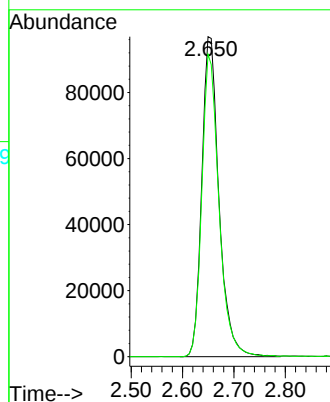
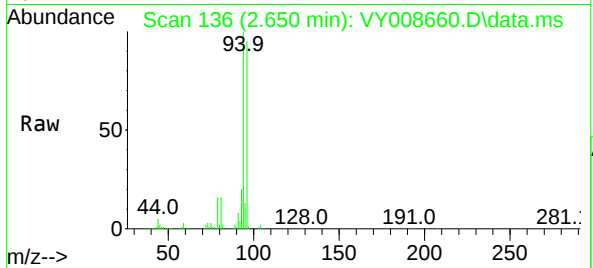




#5
Bromomethane
Concen: 60.291 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

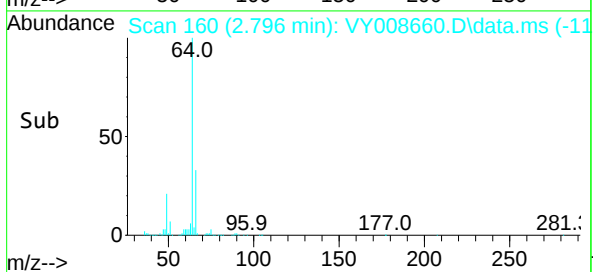
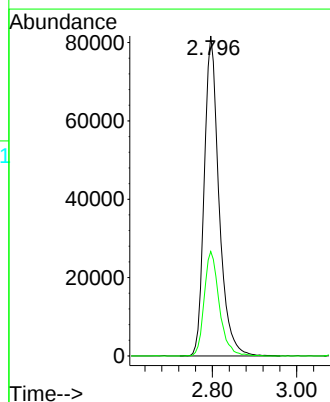
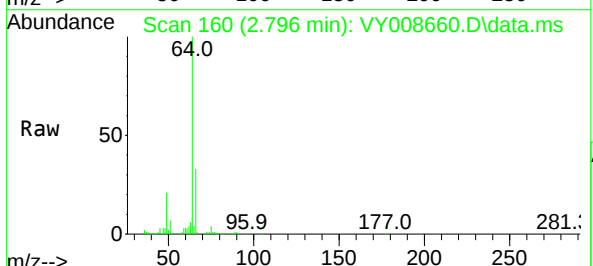
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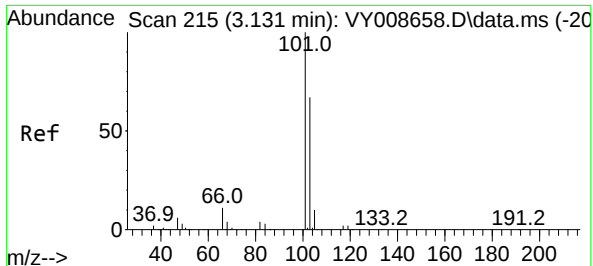
Tgt Ion: 94 Resp: 224884
Ion Ratio Lower Upper
94 100
96 94.5 73.5 110.3



#6
Chloroethane
Concen: 64.214 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 64 Resp: 198571
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0

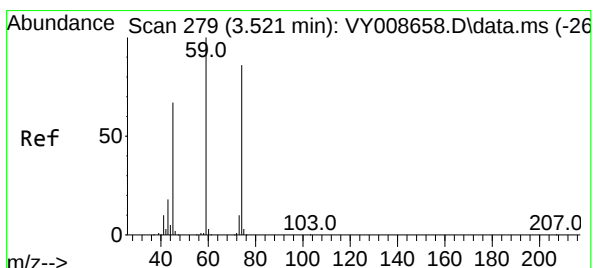
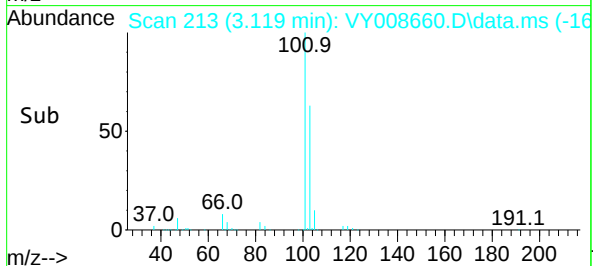
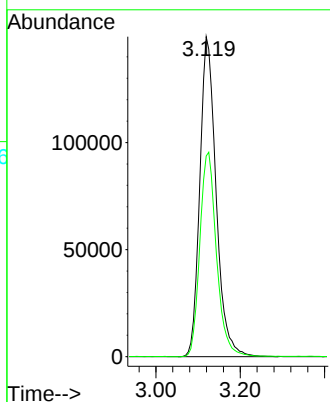
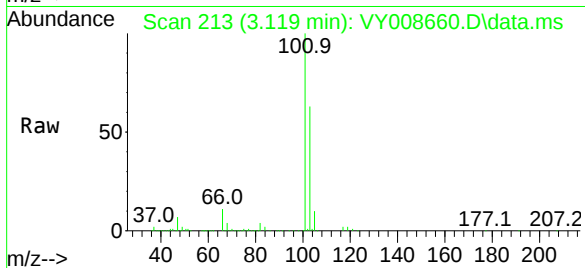




#7
 Trichlorofluoromethane
 Concen: 101.652 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY008660.D
 Acq: 09 May 2022 12:48

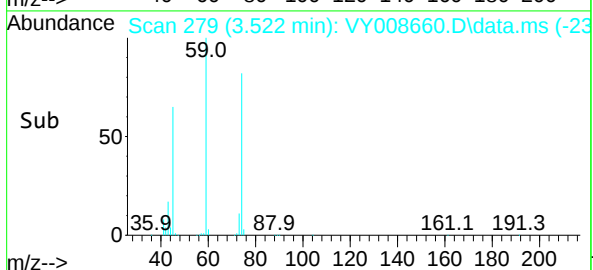
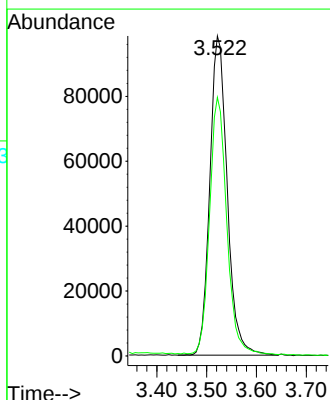
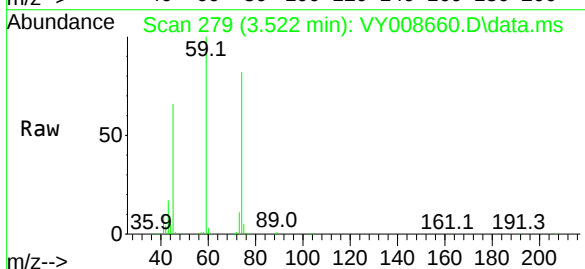
Instrument :
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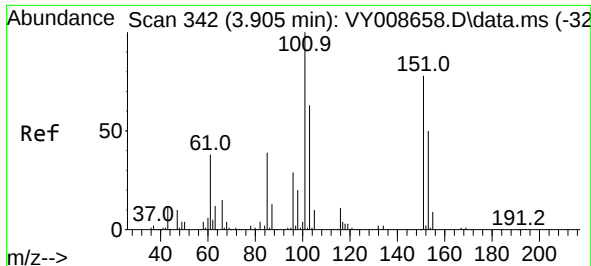
Tgt Ion:101 Resp: 401988
 Ion Ratio Lower Upper
 101 100
 103 62.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 140.014 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY008660.D
 Acq: 09 May 2022 12:48

Tgt Ion: 74 Resp: 238374
 Ion Ratio Lower Upper
 74 100
 45 79.7 55.1 165.5

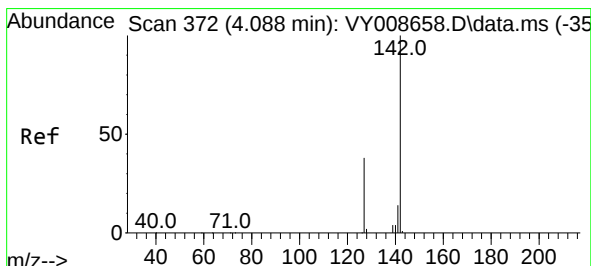
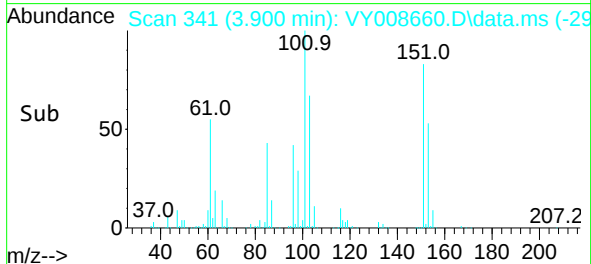
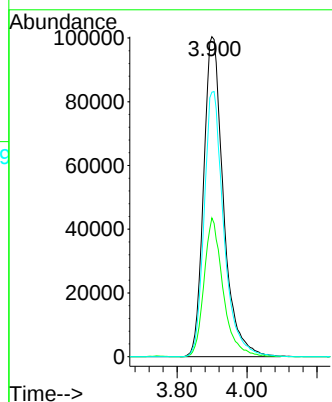
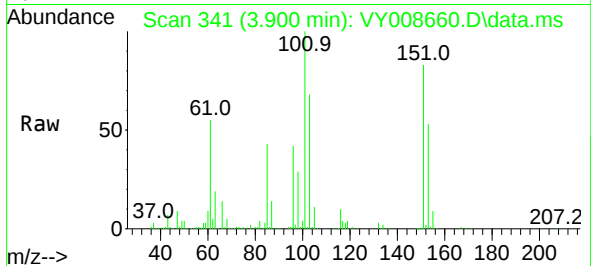




#9
1,1,2-Trichlorotrifluoroethane
Concen: 146.977 ug/l
RT: 3.900 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

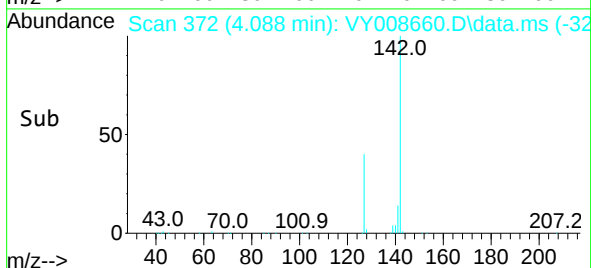
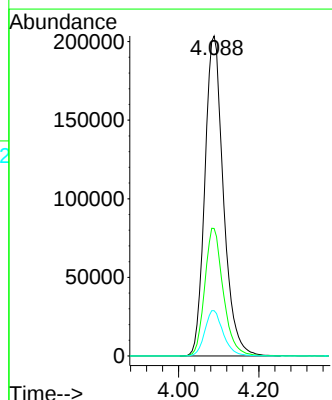
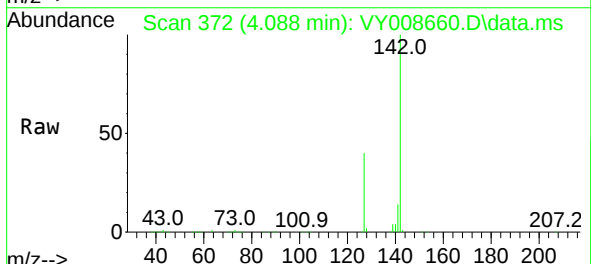
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

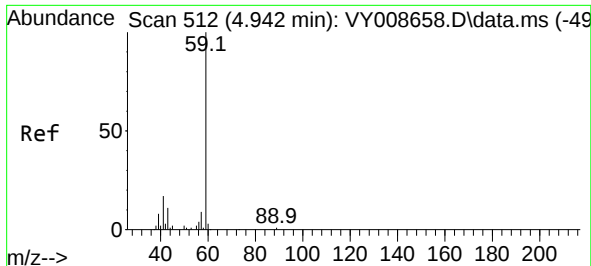
Tgt Ion:101 Resp: 394371
Ion Ratio Lower Upper
101 100
85 41.8 40.6 60.8
151 82.2 64.9 97.3



#10
Methyl Iodide
Concen: 161.544 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion:142 Resp: 654230
Ion Ratio Lower Upper
142 100
127 39.9 41.5 62.3#
141 14.1 11.9 17.9

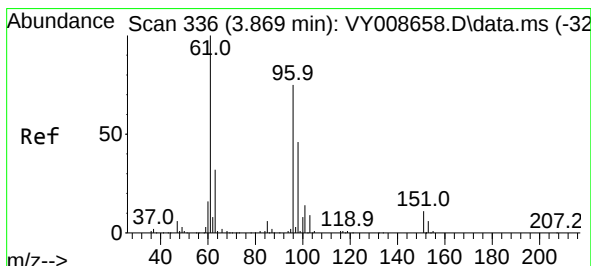
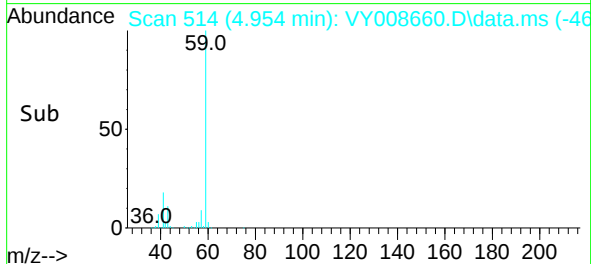
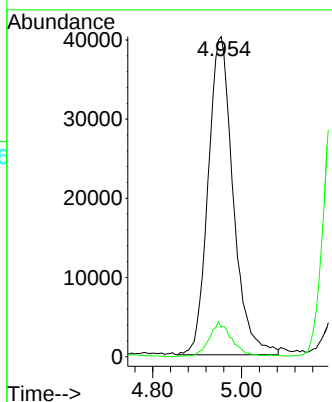
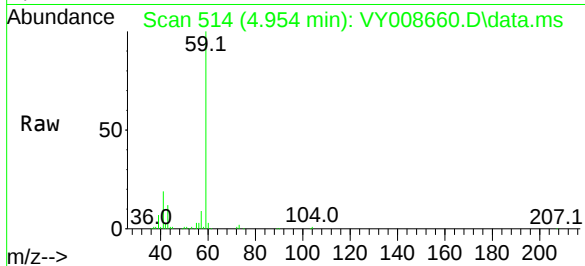




#11
Tert butyl alcohol
Concen: 593.362 ug/l
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

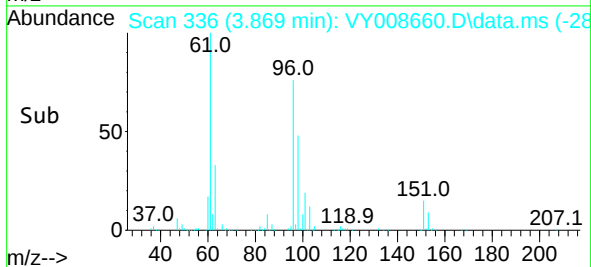
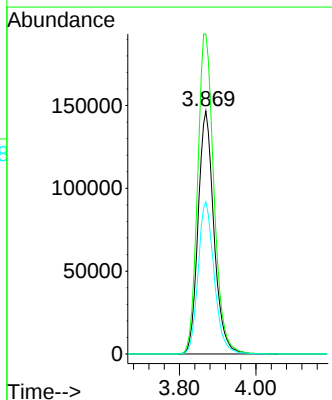
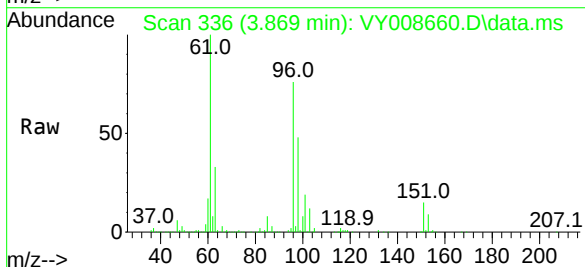
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

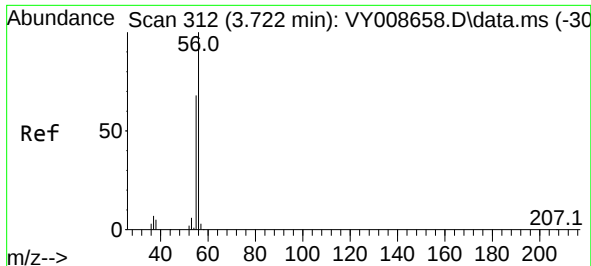
Tgt Ion: 59 Resp: 157265
Ion Ratio Lower Upper
59 100
57 10.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 159.829 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 96 Resp: 421271
Ion Ratio Lower Upper
96 100
61 131.6 145.8 218.6#
98 62.6 52.5 78.7

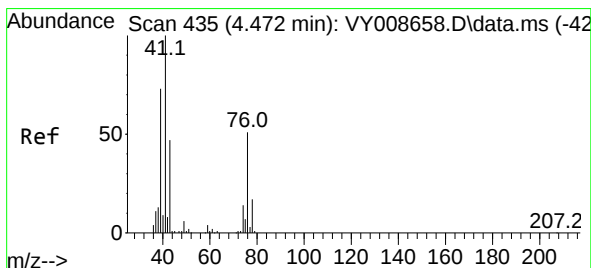
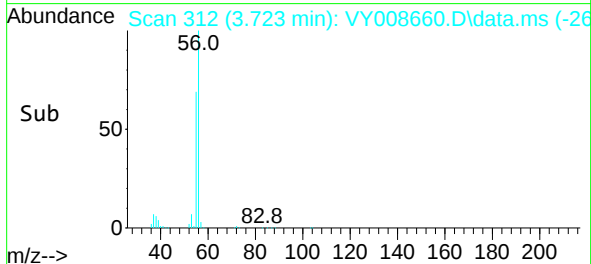
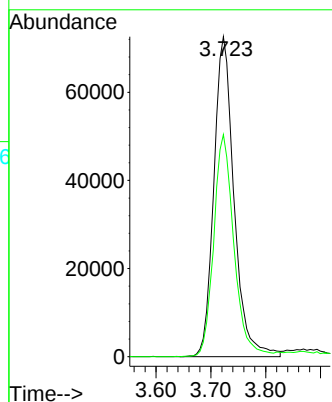
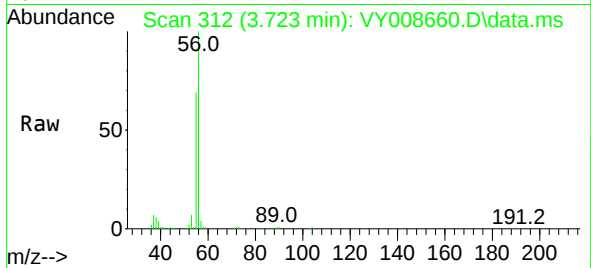




#13
Acrolein
Concen: 1128.369 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

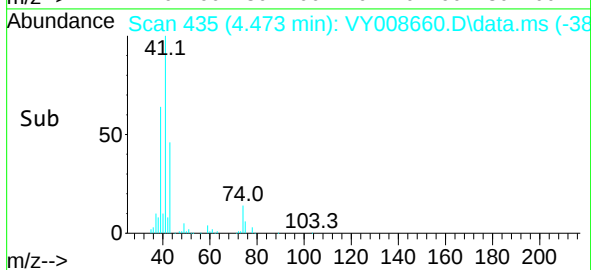
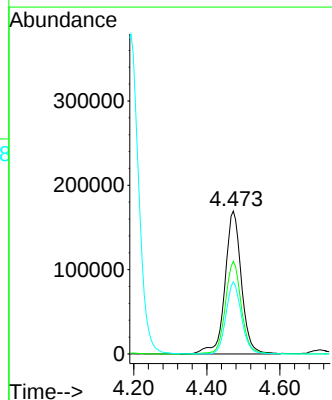
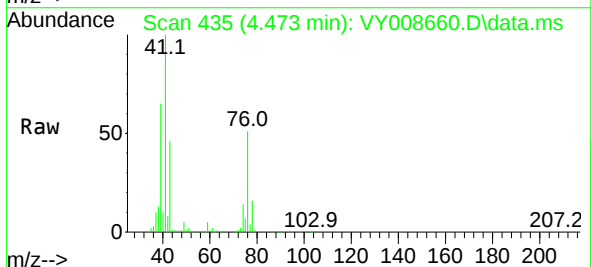
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

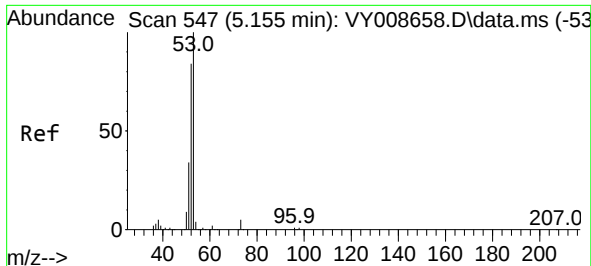
Tgt Ion: 56 Resp: 185993
Ion Ratio Lower Upper
56 100
55 69.3 57.6 86.4



#14
Allyl chloride
Concen: 140.617 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 41 Resp: 529551
Ion Ratio Lower Upper
41 100
39 62.8 58.8 88.2
76 47.1 25.1 37.7#



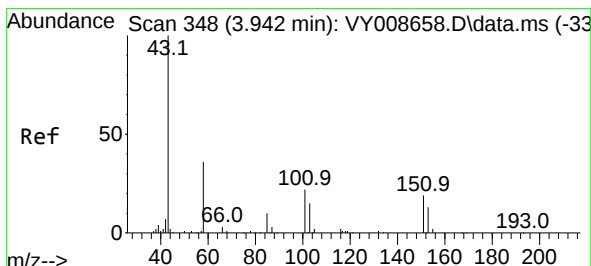
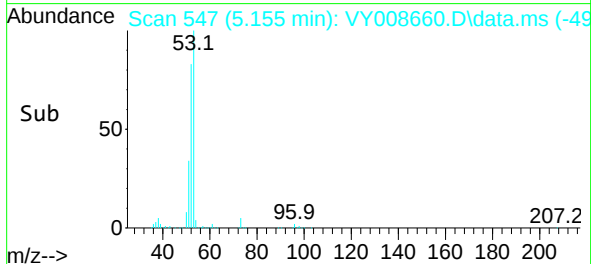
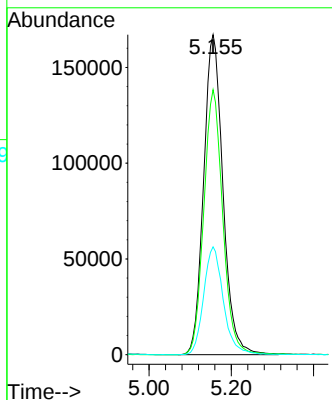
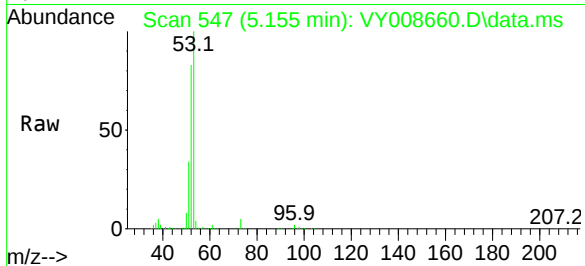


#15
Acrylonitrile
Concen: 662.627 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 545589

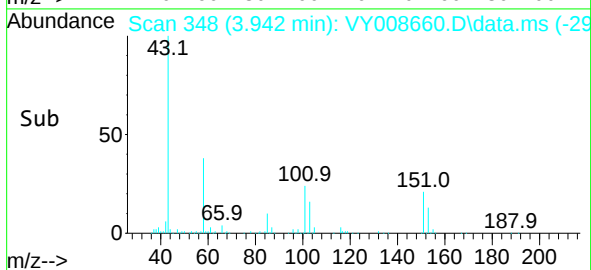
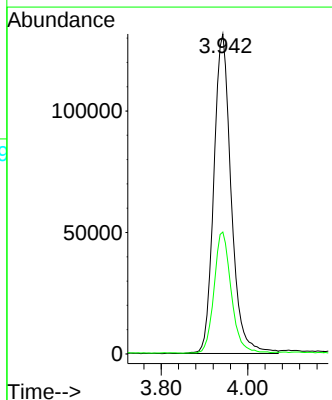
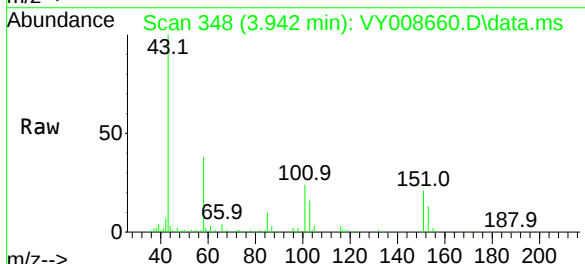
Ion	Ratio	Lower	Upper
53	100		
52	81.4	67.0	100.4
51	34.4	29.8	44.6

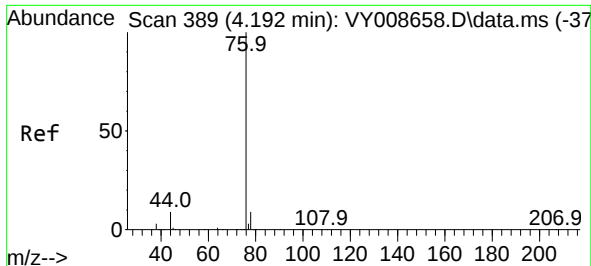


#16
Acetone
Concen: 589.695 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 43 Resp: 367751

Ion	Ratio	Lower	Upper
43	100		
58	37.8	22.0	33.0

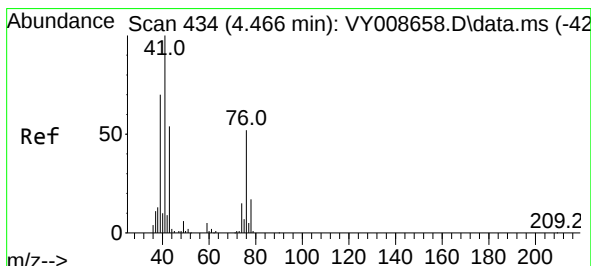
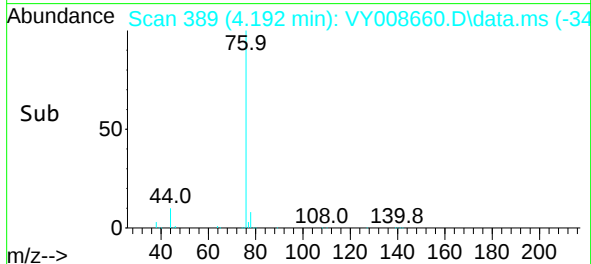
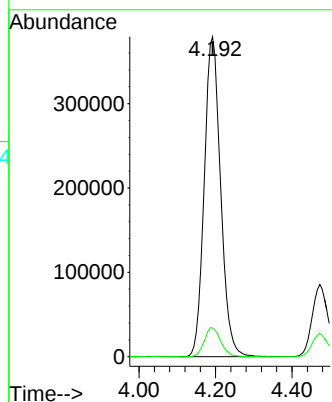
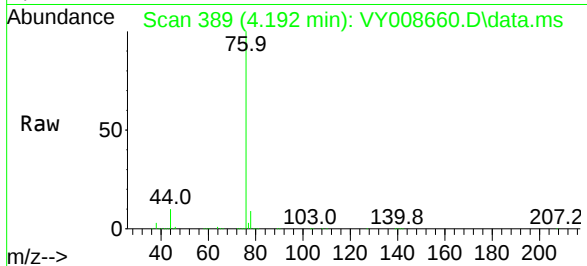




#17
Carbon Disulfide
Concen: 163.233 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

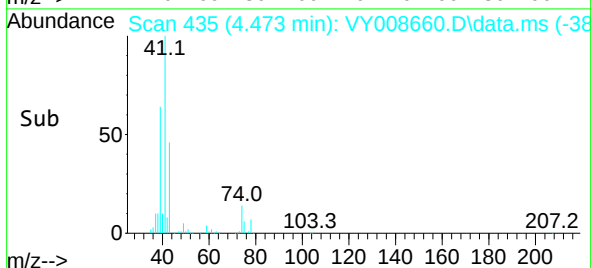
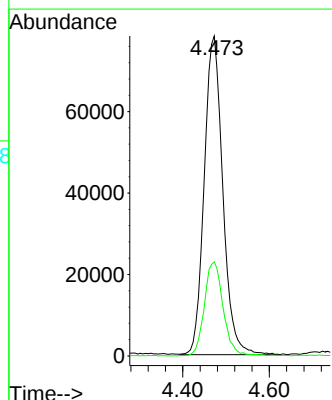
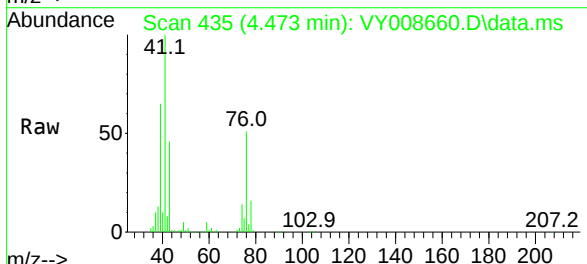
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

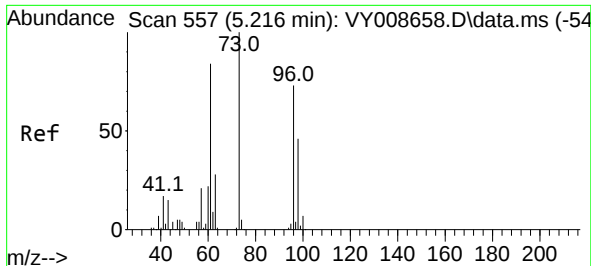
Tgt Ion: 76 Resp: 1126077
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 104.472 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 43 Resp: 233299
Ion Ratio Lower Upper
43 100
74 30.0 16.6 24.8#

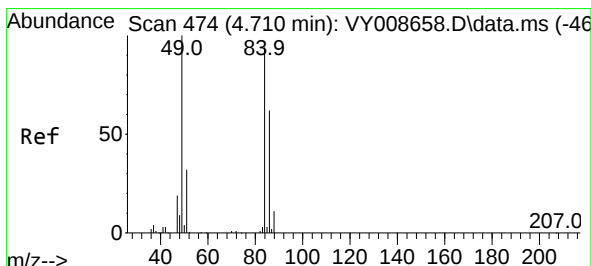
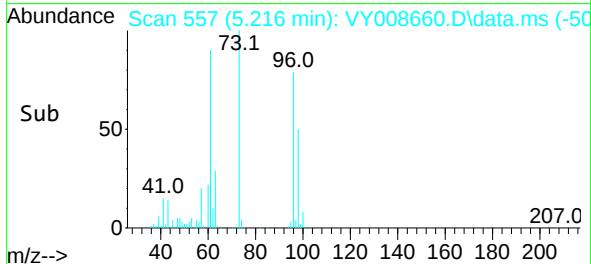
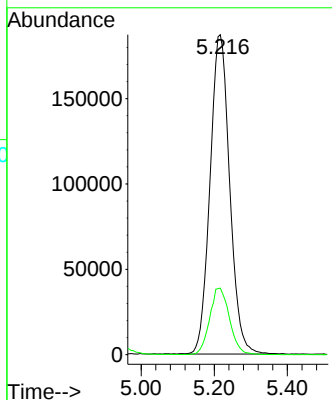
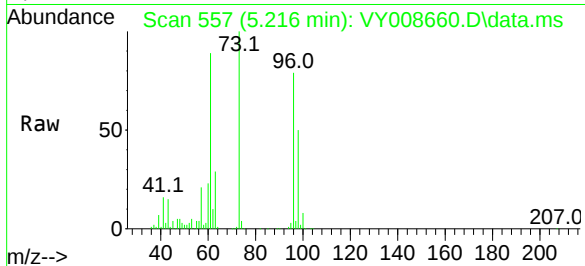




#19
Methyl tert-butyl Ether
Concen: 125.663 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

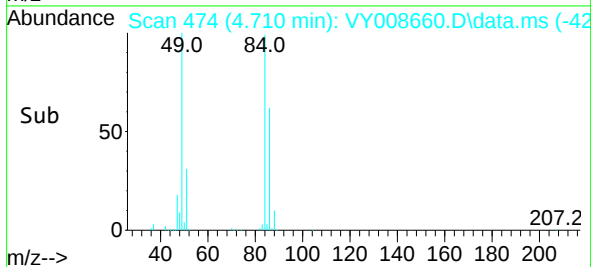
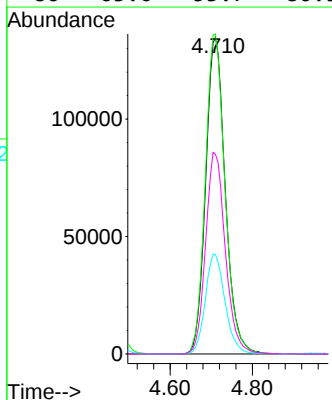
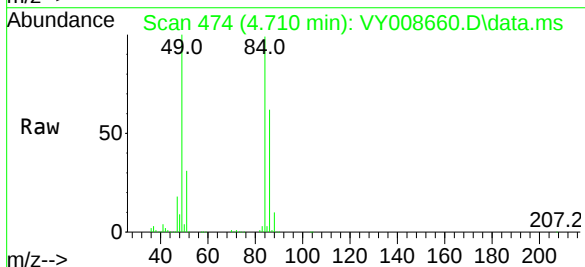
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

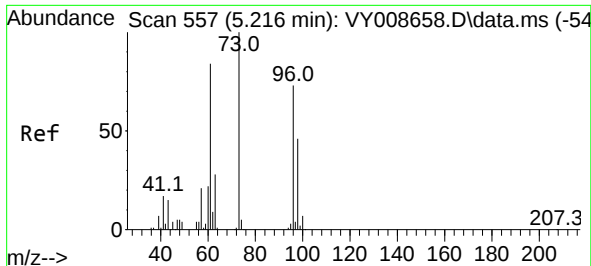
Tgt Ion: 73 Resp: 699233
Ion Ratio Lower Upper
73 100
57 20.8 18.6 27.8



#20
Methylene Chloride
Concen: 123.926 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 84 Resp: 445429
Ion Ratio Lower Upper
84 100
49 101.1 114.4 171.6#
51 31.5 35.3 52.9#
86 63.0 53.7 80.5

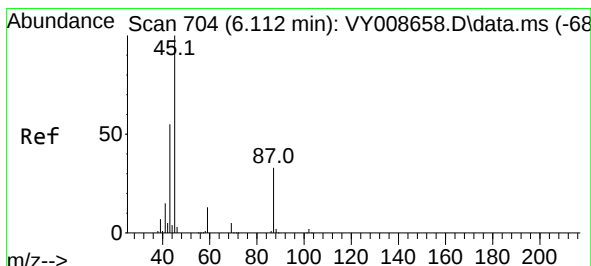
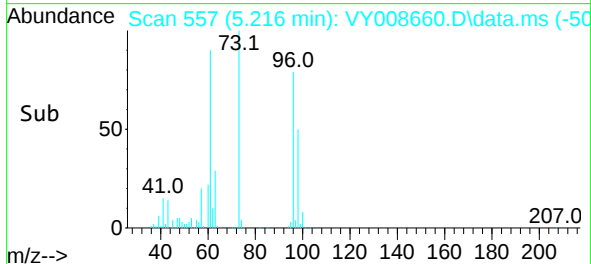
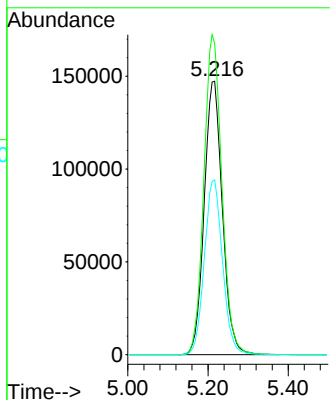
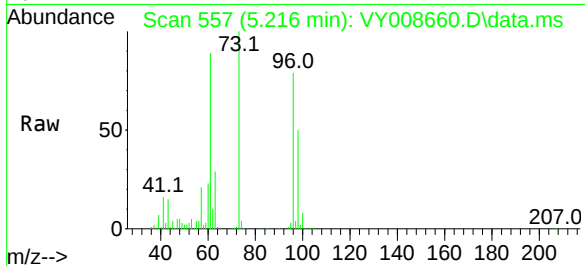




#21
trans-1,2-Dichloroethene
Concen: 143.227 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

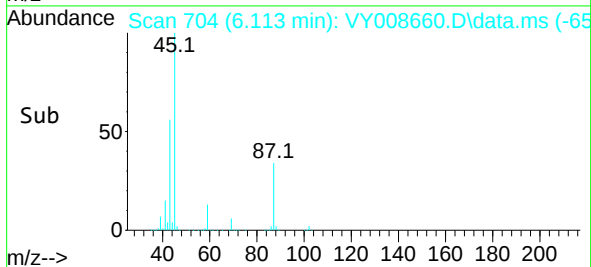
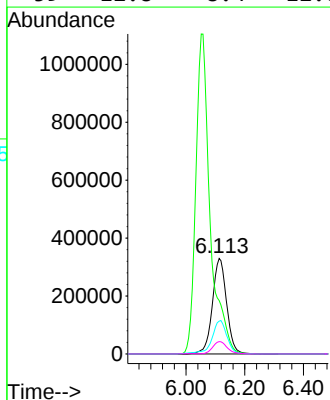
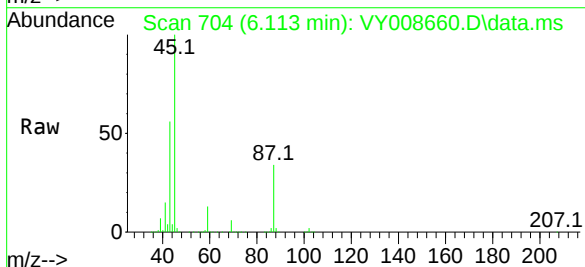
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

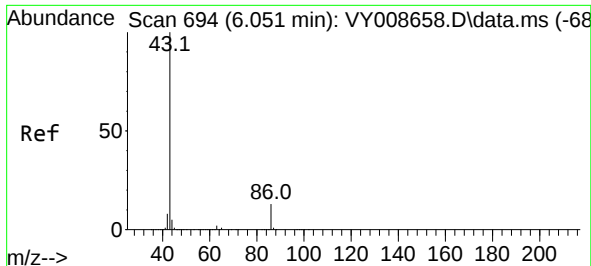
Tgt Ion: 96 Resp: 463815
Ion Ratio Lower Upper
96 100
61 113.8 120.5 180.7#
98 63.9 49.8 74.8



#22
Diisopropyl ether
Concen: 129.520 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 45 Resp: 1109628
Ion Ratio Lower Upper
45 100
43 55.8 49.3 73.9
87 34.4 19.2 28.8#
59 12.8 8.4 12.6#

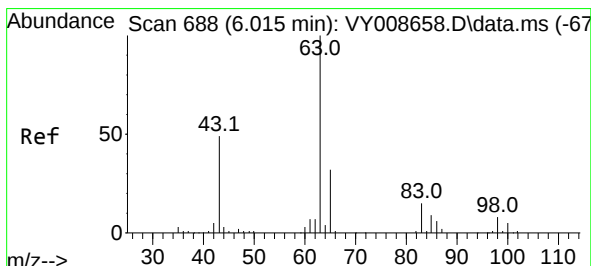
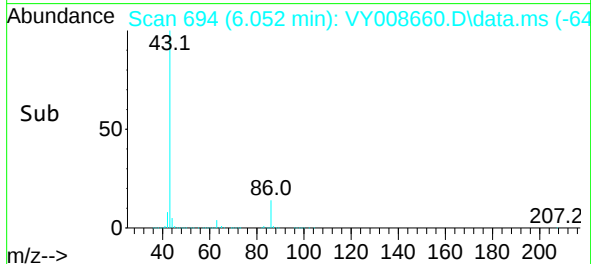
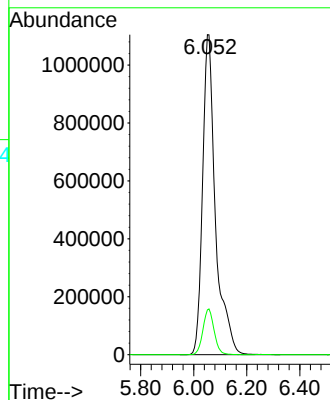
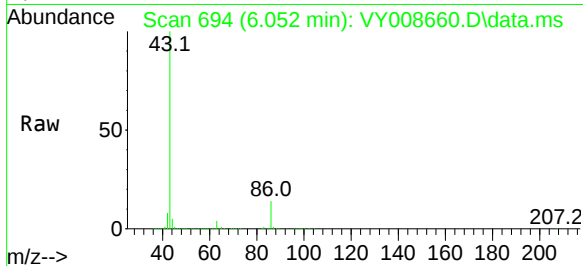




#23
 Vinyl Acetate
 Concen: 655.488 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY008660.D
 Acq: 09 May 2022 12:48

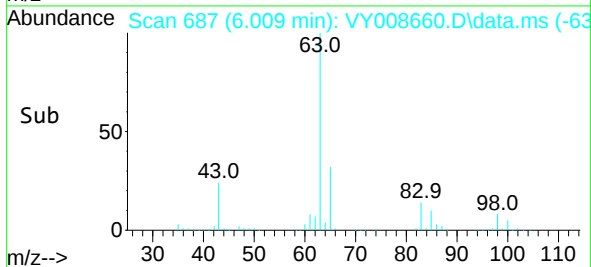
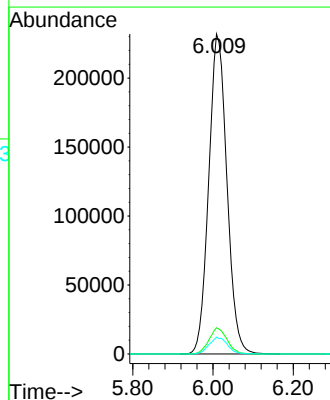
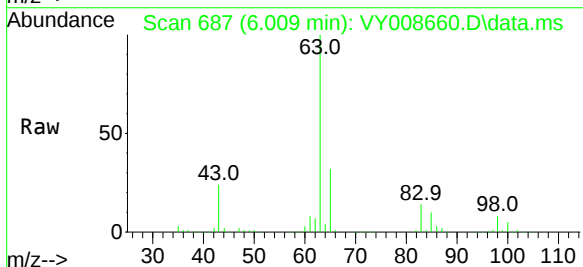
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

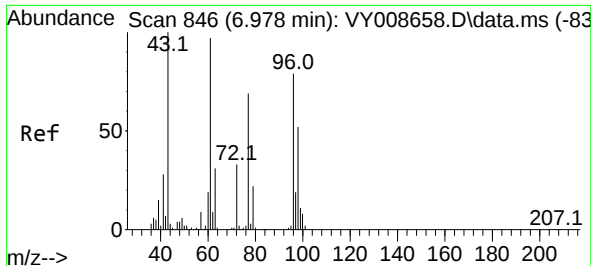
Tgt Ion: 43 Resp: 3734343
 Ion Ratio Lower Upper
 43 100
 86 14.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 134.152 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY008660.D
 Acq: 09 May 2022 12:48

Tgt Ion: 63 Resp: 730467
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.8
 100 5.3 2.0 5.8





#25

2-Butanone

Concen: 623.425 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

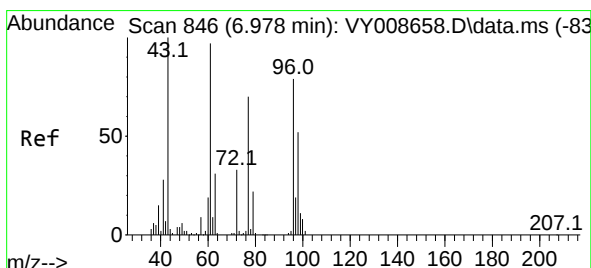
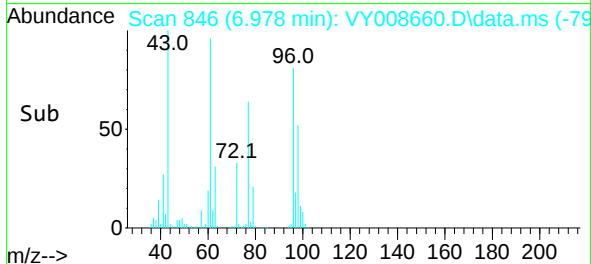
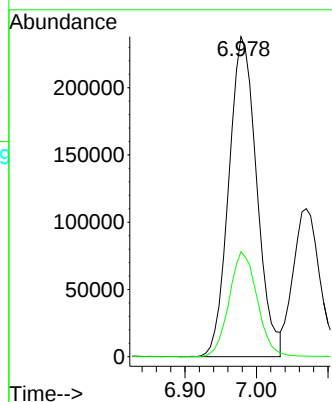
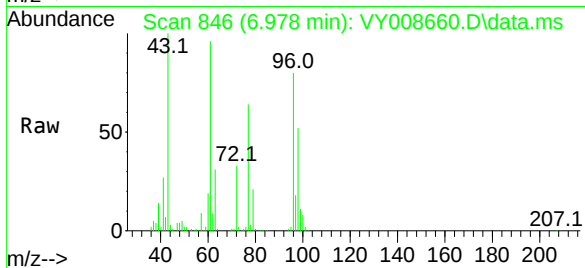
VSTDIC150

Tgt Ion: 43 Resp: 645181

Ion Ratio Lower Upper

43 100

72 32.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 130.672 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008660.D

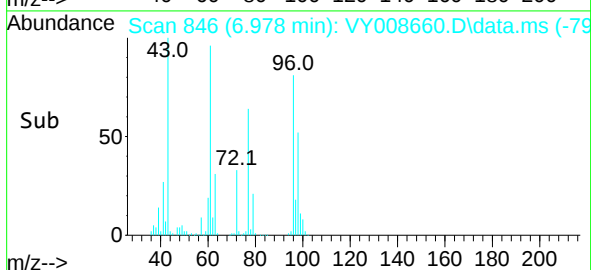
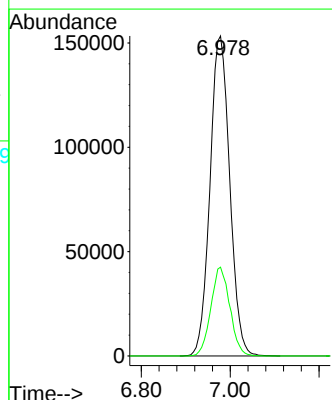
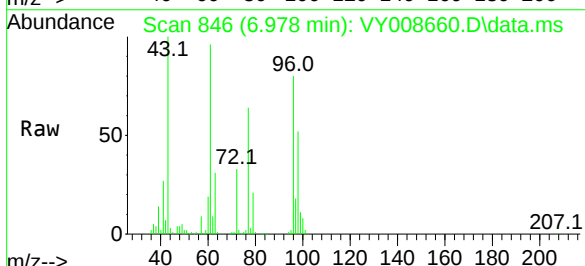
Acq: 09 May 2022 12:48

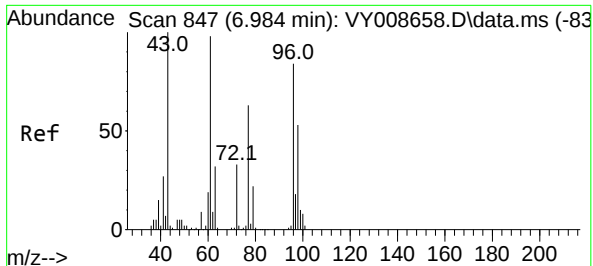
Tgt Ion: 77 Resp: 472936

Ion Ratio Lower Upper

77 100

97 26.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 142.573 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

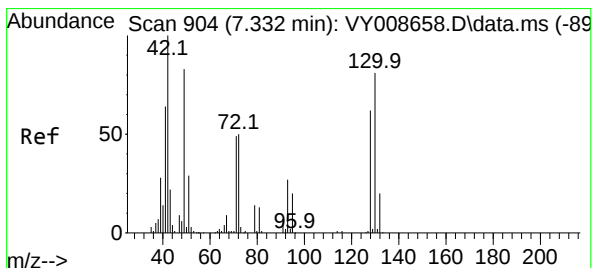
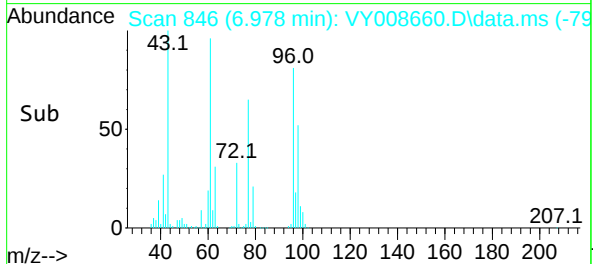
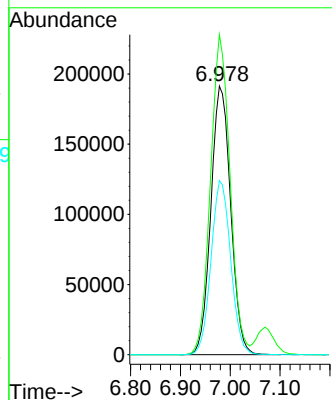
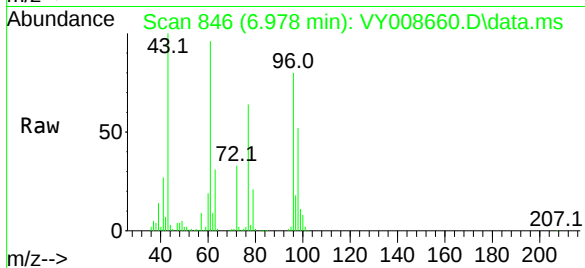
Tgt Ion: 96 Resp: 528409

Ion Ratio Lower Upper

96 100

61 117.6 0.0 319.8

98 64.4 0.0 127.0



#28

Bromochloromethane

Concen: 114.645 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

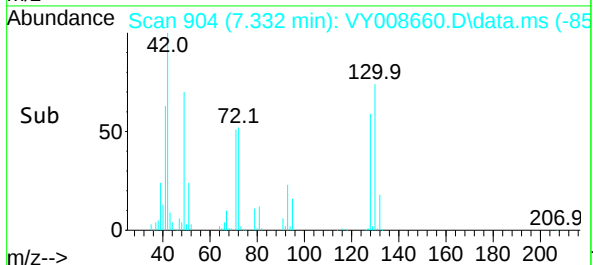
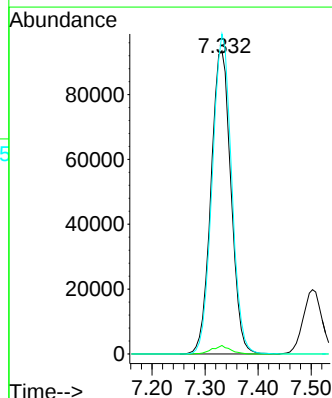
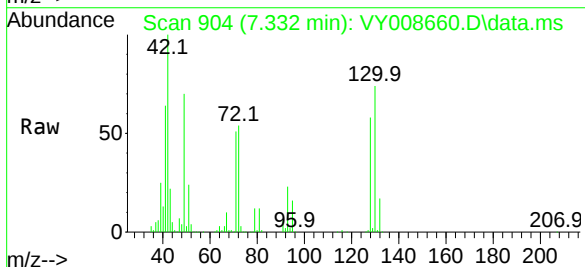
Tgt Ion: 49 Resp: 244544

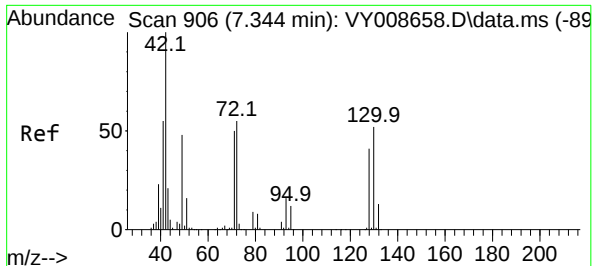
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 102.3 55.4 83.0#





#29

Tetrahydrofuran

Concen: 626.516 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

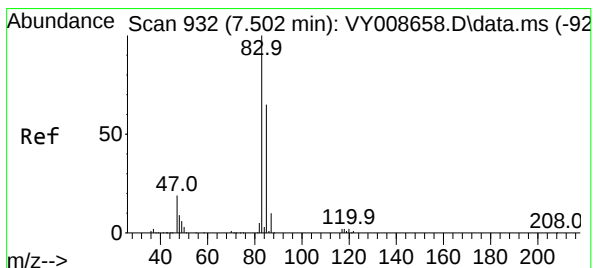
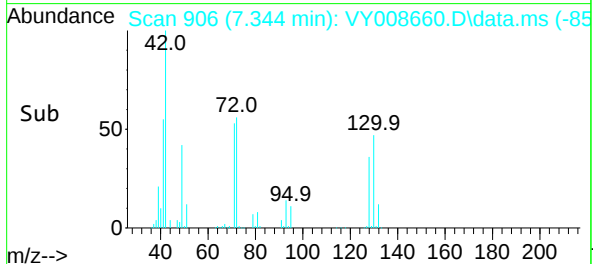
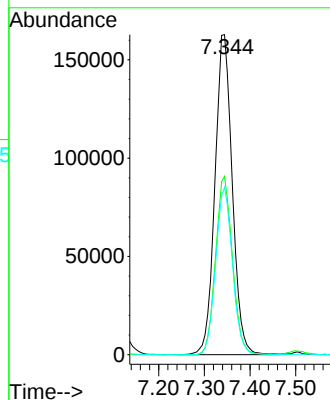
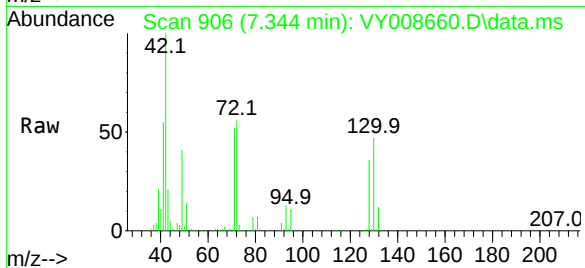
Tgt Ion: 42 Resp: 429069

Ion Ratio Lower Upper

42 100

72 54.3 30.3 45.5#

71 50.7 29.0 43.4#



#30

Chloroform

Concen: 135.660 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008660.D

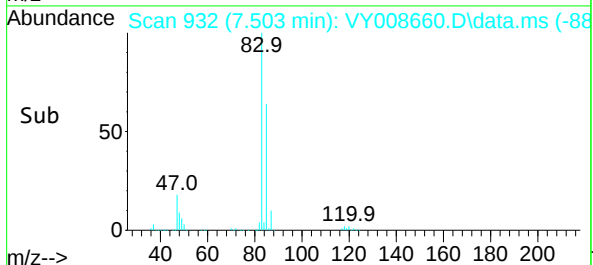
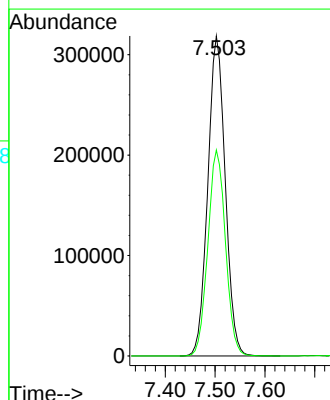
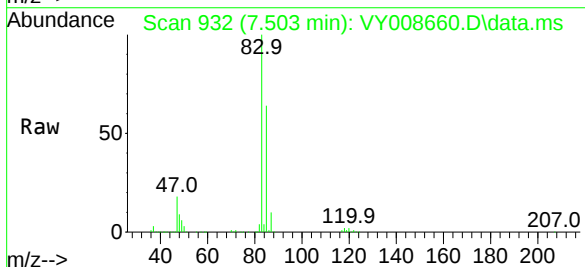
Acq: 09 May 2022 12:48

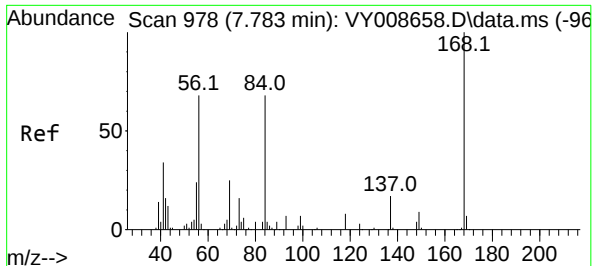
Tgt Ion: 83 Resp: 772862

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

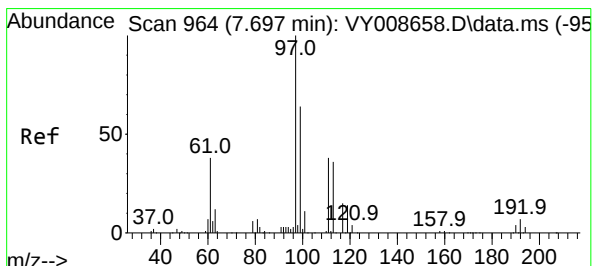
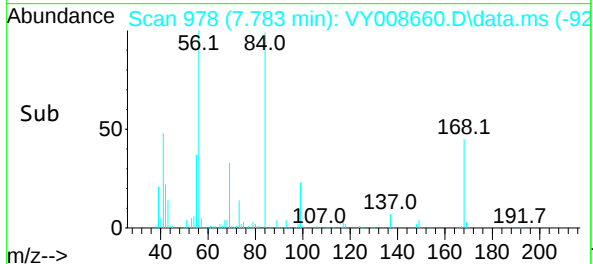
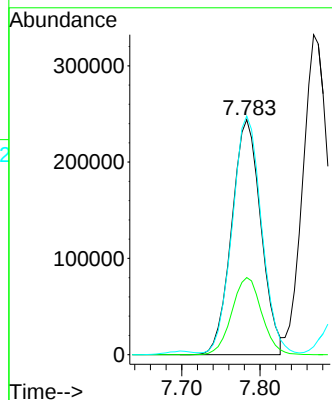
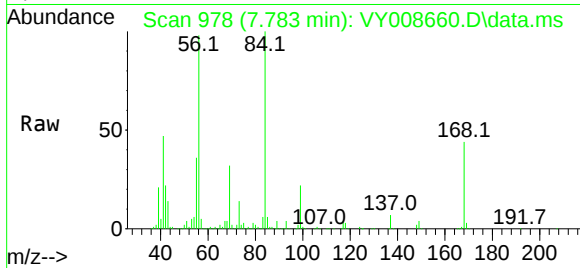




#31
Cyclohexane
Concen: 131.361 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

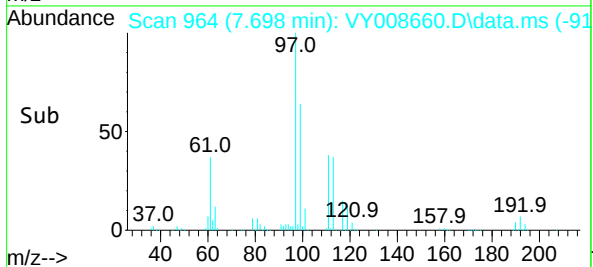
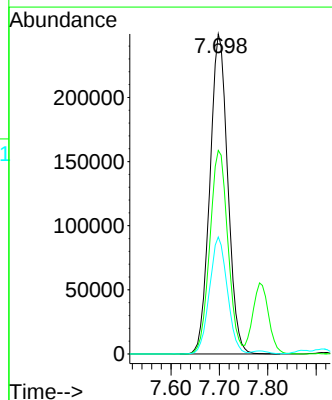
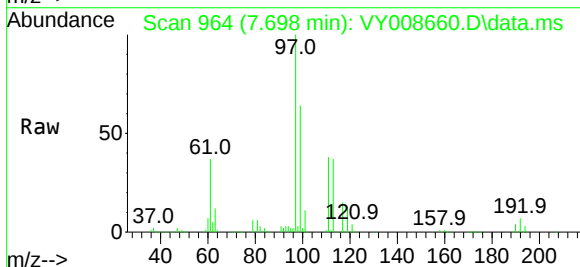
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

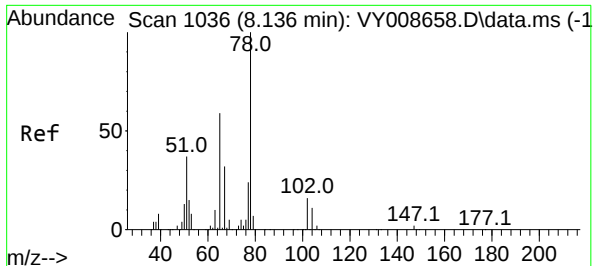
Tgt Ion: 56 Resp: 633520
Ion Ratio Lower Upper
56 100
69 32.8 26.7 40.1
84 100.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 136.250 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 97 Resp: 640194
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 36.5 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 121.837 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

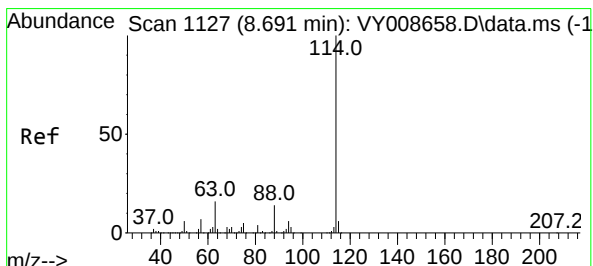
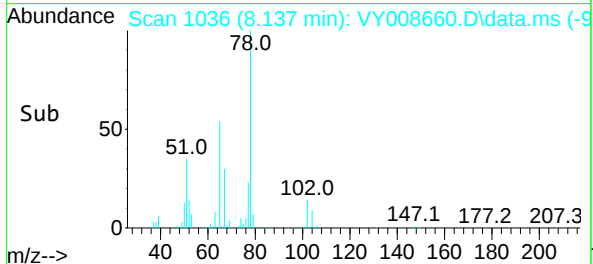
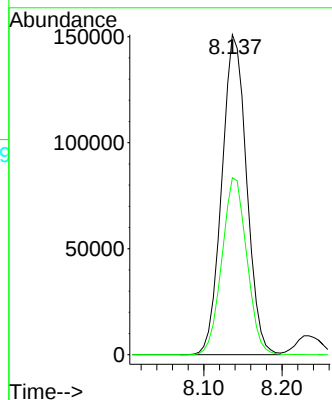
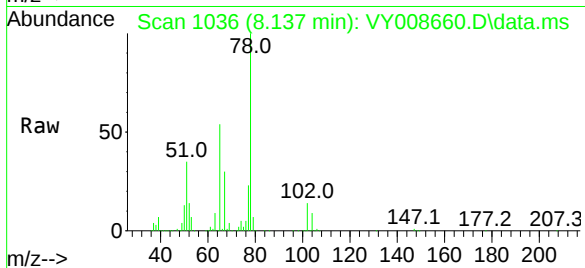
VSTDIC150

Tgt Ion: 65 Resp: 331781

Ion Ratio Lower Upper

65 100

67 55.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

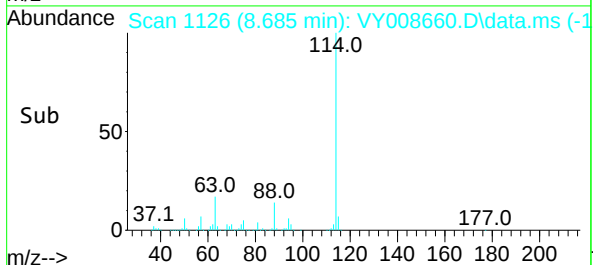
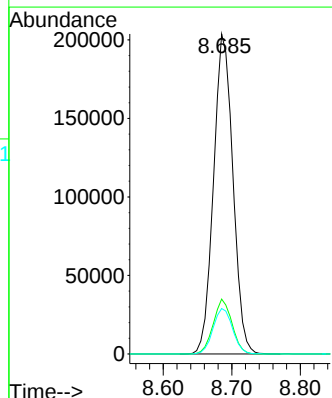
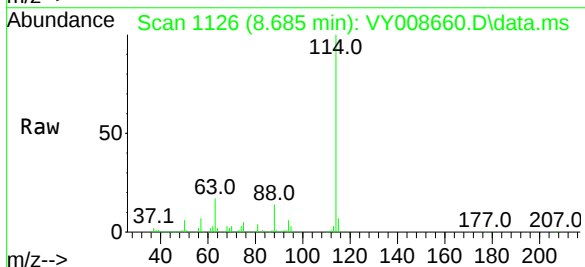
Tgt Ion: 114 Resp: 399074

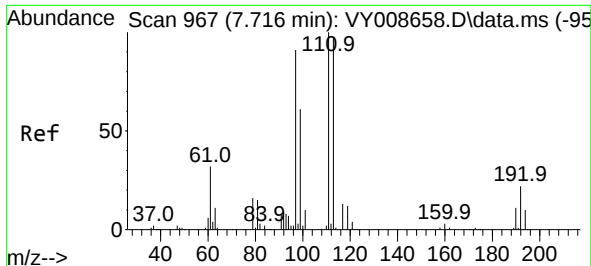
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.2 0.0 31.8

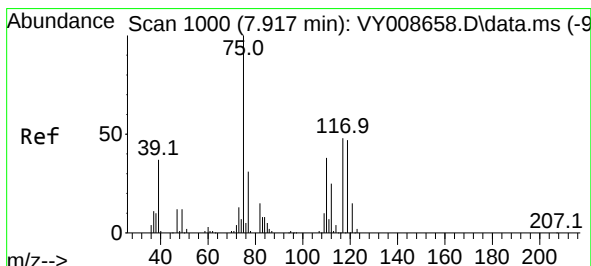
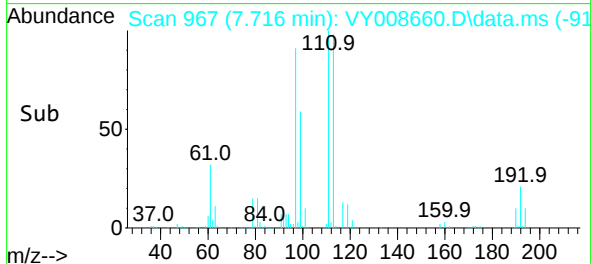
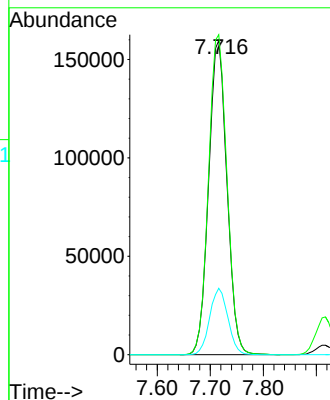
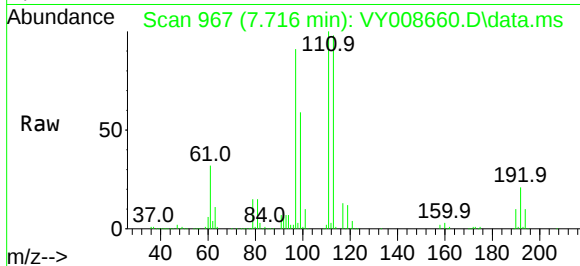




#35
Dibromofluoromethane
Concen: 156.495 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

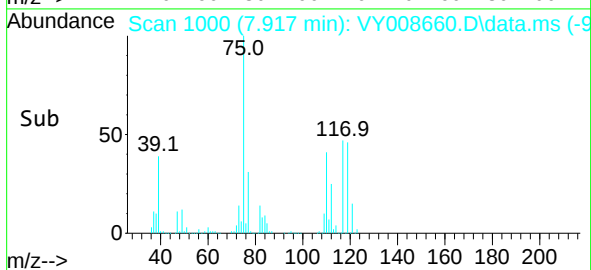
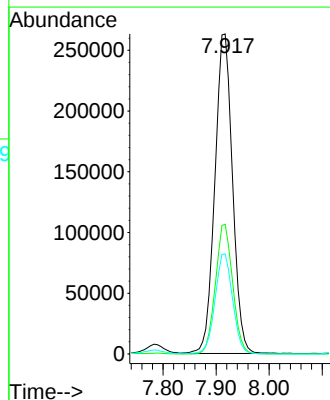
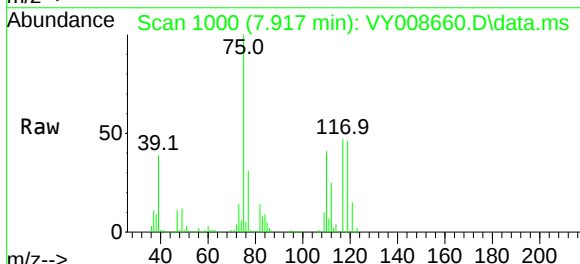
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

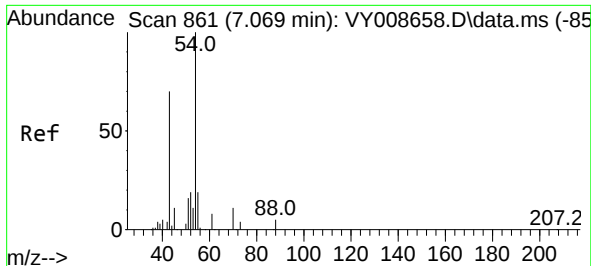
Tgt Ion:113 Resp: 381837
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 155.963 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 75 Resp: 608276
Ion Ratio Lower Upper
75 100
110 39.6 17.1 51.2
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 139.290 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

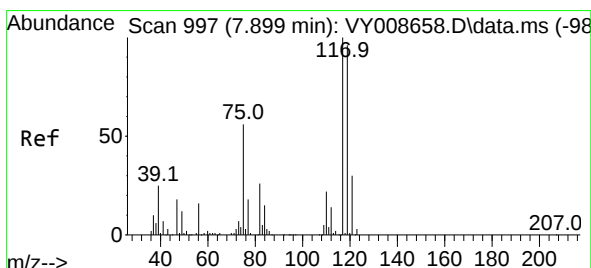
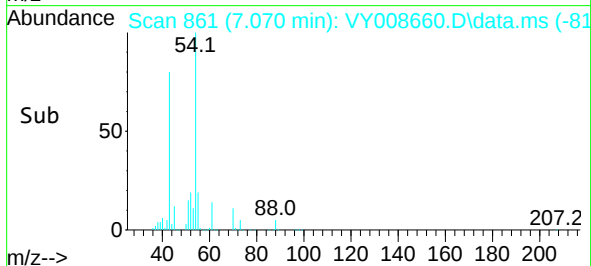
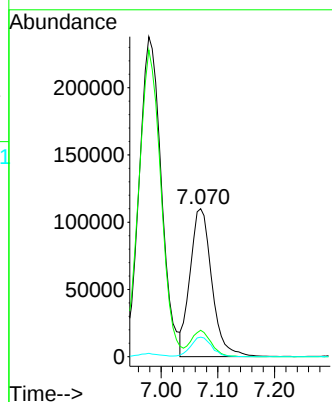
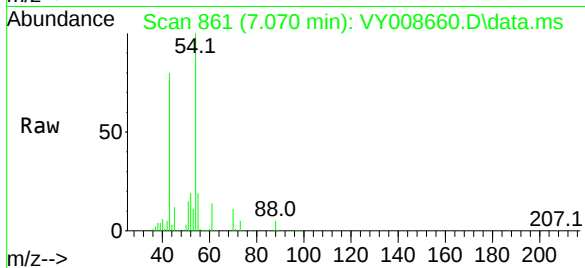
Tgt Ion: 43 Resp: 292637

Ion Ratio Lower Upper

43 100

61 16.5 9.7 14.5#

70 12.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 162.408 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

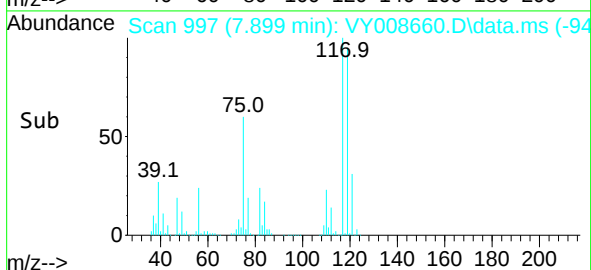
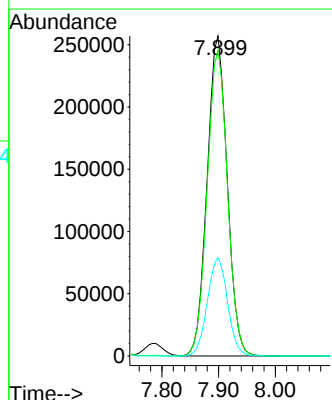
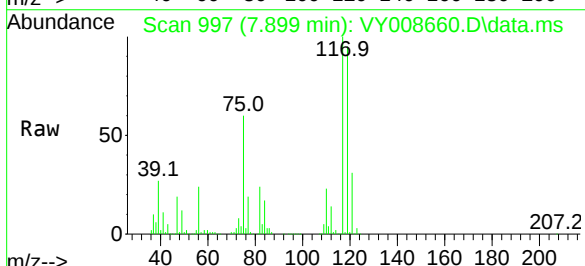
Tgt Ion: 117 Resp: 632611

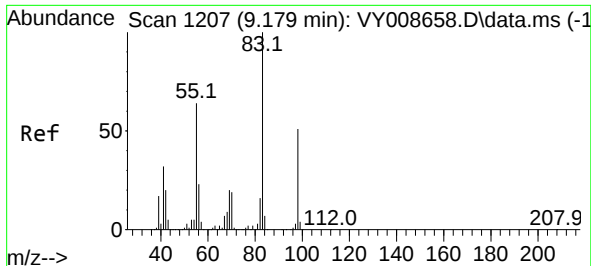
Ion Ratio Lower Upper

117 100

119 95.5 77.9 116.9

121 30.7 24.8 37.2

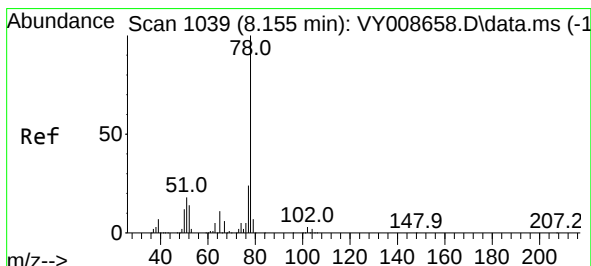
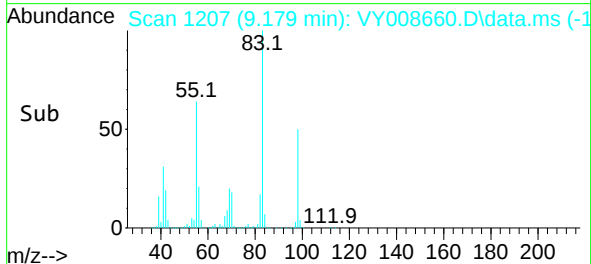
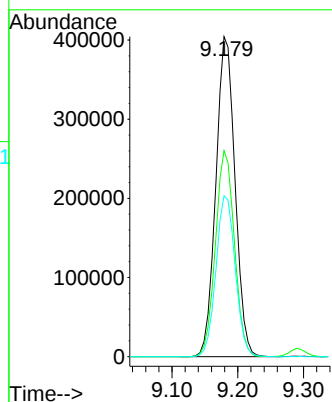
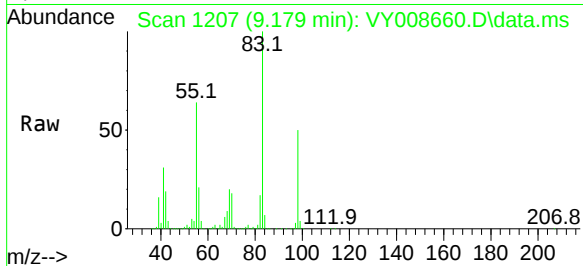




#39
Methylcyclohexane
Concen: 157.748 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

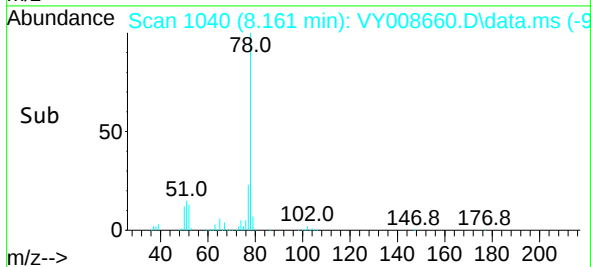
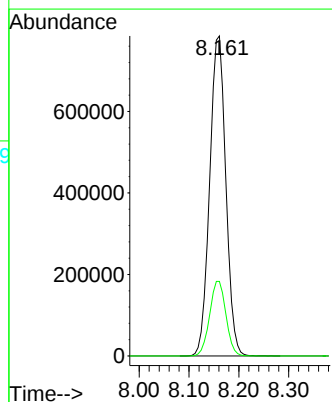
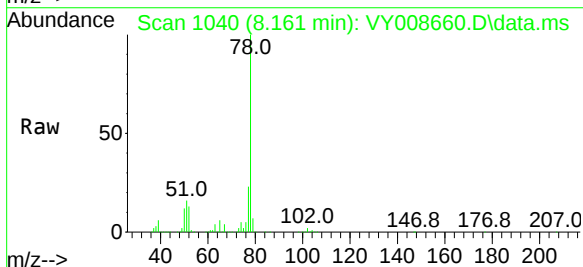
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

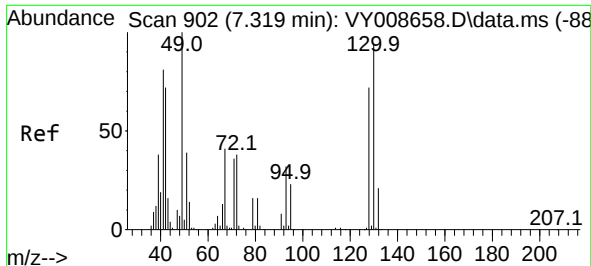
Tgt Ion: 83 Resp: 819325
Ion Ratio Lower Upper
83 100
55 64.4 66.5 99.7#
98 50.3 37.9 56.9



#40
Benzene
Concen: 155.048 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

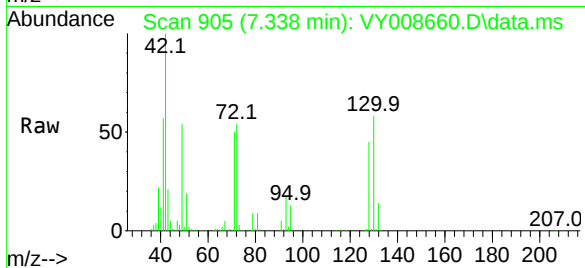
Tgt Ion: 78 Resp: 1764024
Ion Ratio Lower Upper
78 100
77 23.3 20.4 30.6



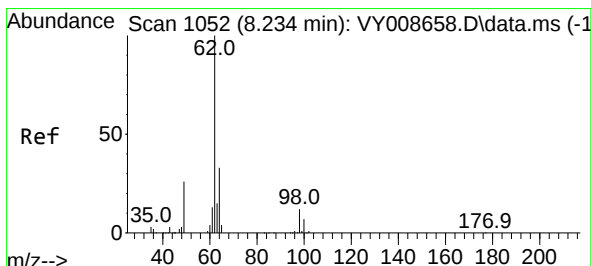
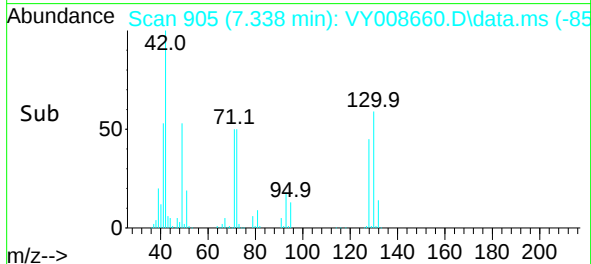
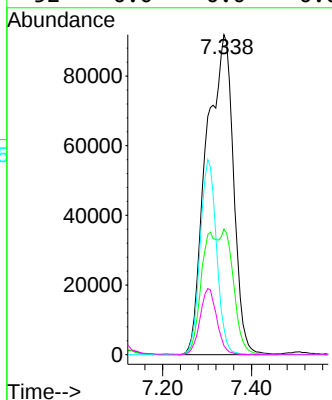


#41
Methacrylonitrile
Concen: 364.756 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

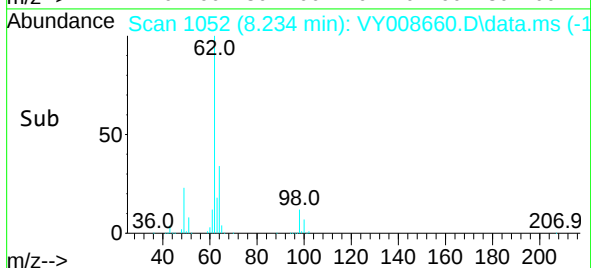
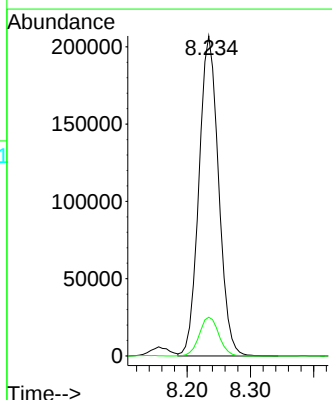
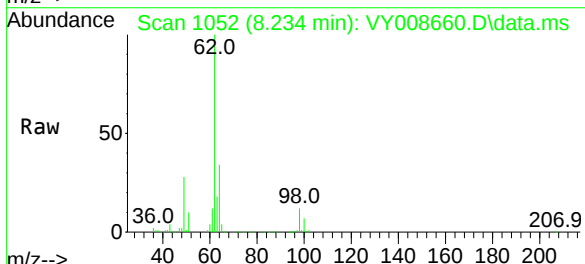


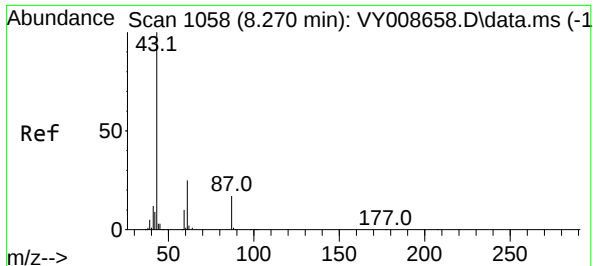
Tgt Ion: 41 Resp: 387019
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 135.515 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 62 Resp: 446954
Ion Ratio Lower Upper
62 100
98 12.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 142.752 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

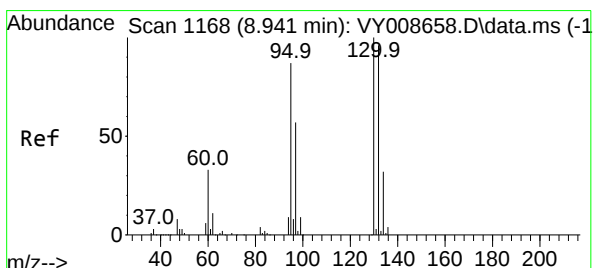
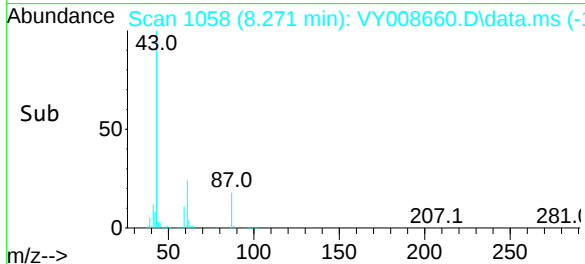
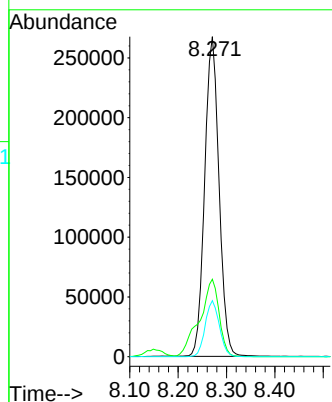
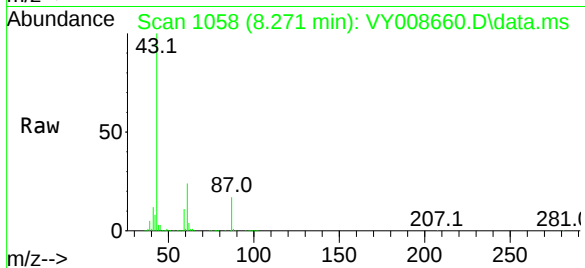
Tgt Ion: 43 Resp: 552363

Ion Ratio Lower Upper

43 100

61 33.1 20.2 30.2#

87 17.3 8.9 13.3#



#44

Trichloroethene

Concen: 157.848 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY008660.D

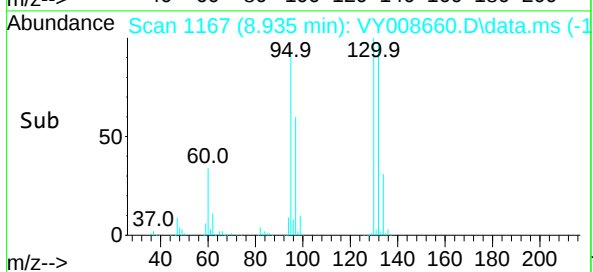
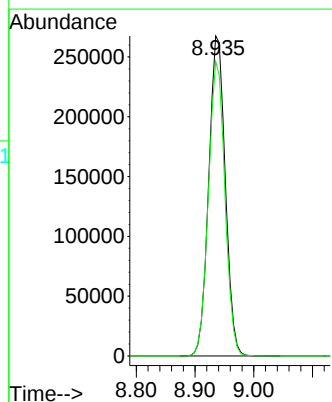
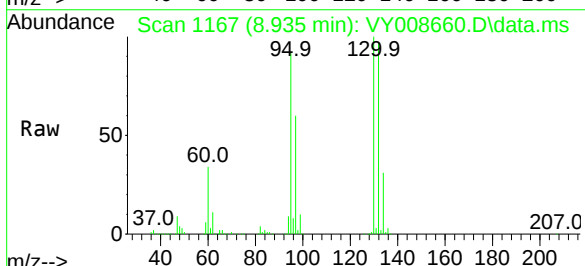
Acq: 09 May 2022 12:48

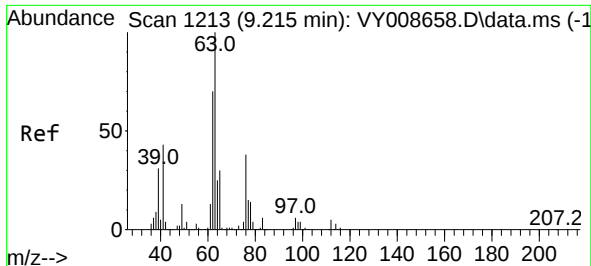
Tgt Ion:130 Resp: 523425

Ion Ratio Lower Upper

130 100

95 92.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 150.465 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

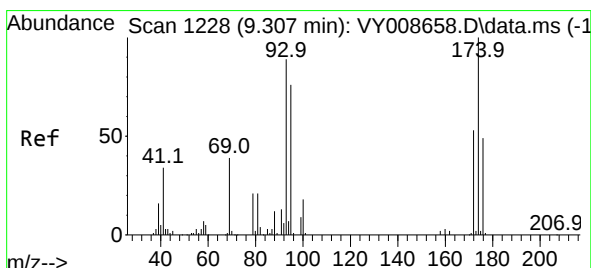
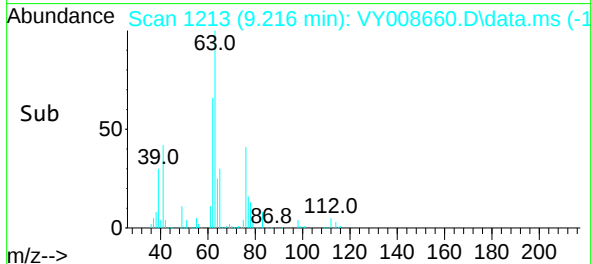
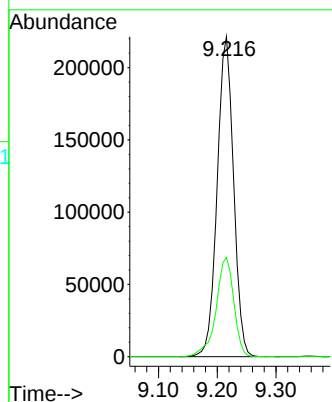
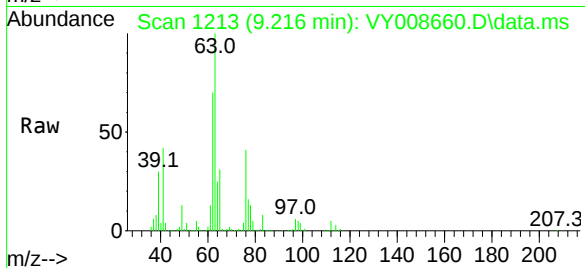
VSTDIC150

Tgt Ion: 63 Resp: 427751

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 137.794 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

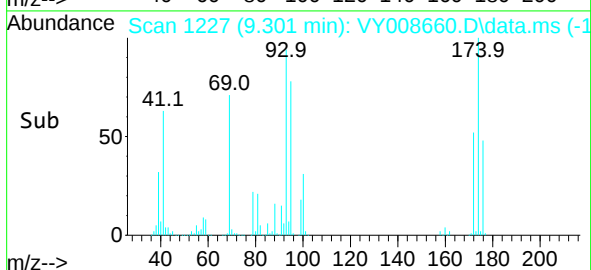
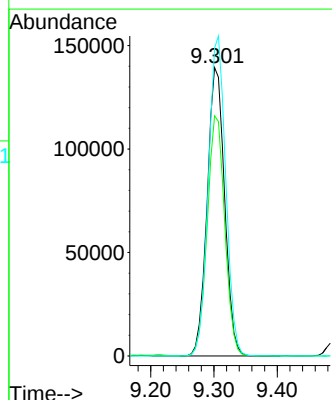
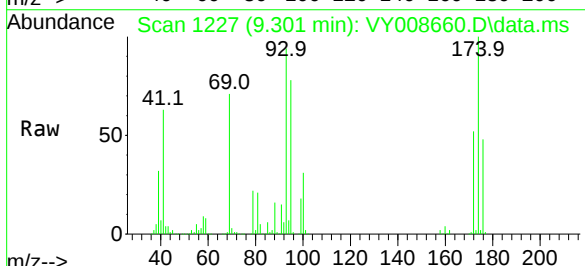
Tgt Ion: 93 Resp: 267196

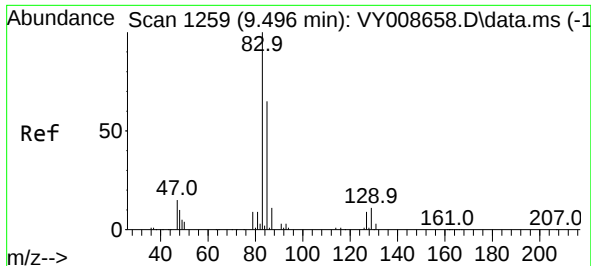
Ion Ratio Lower Upper

93 100

95 83.6 64.3 96.5

174 110.3 83.4 125.0

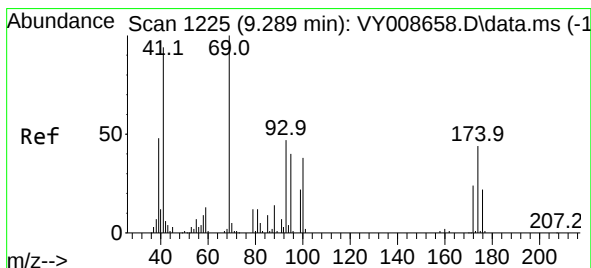
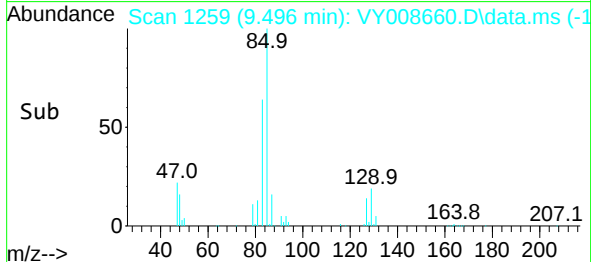
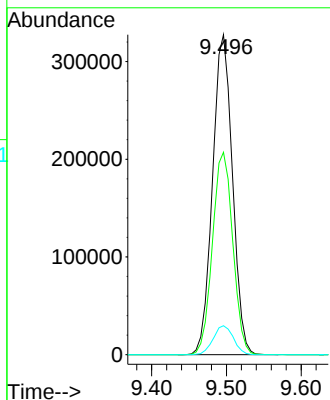
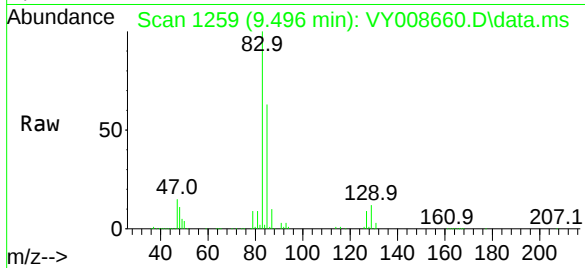




#47
Bromodichloromethane
Concen: 145.640 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

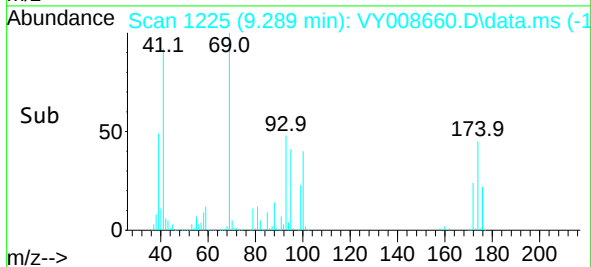
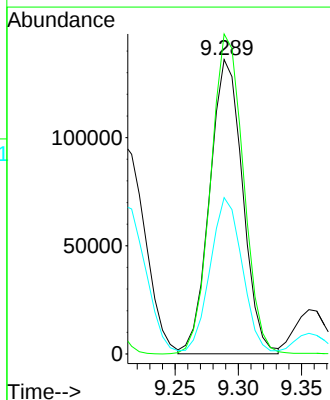
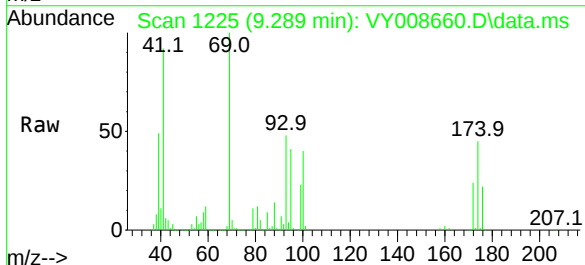
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

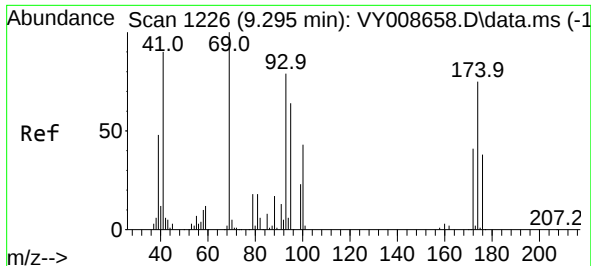
Tgt Ion: 83 Resp: 606180
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 139.893 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 41 Resp: 246126
Ion Ratio Lower Upper
41 100
69 108.3 58.2 87.2#
39 50.2 47.4 71.0





#49

1,4-Dioxane

Concen: 3222.865 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

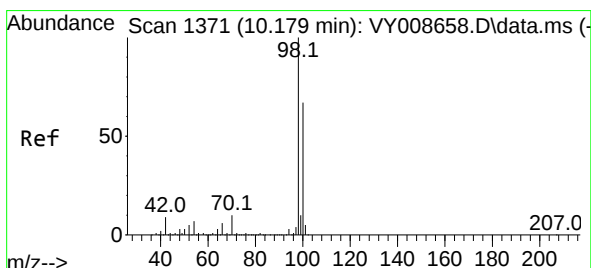
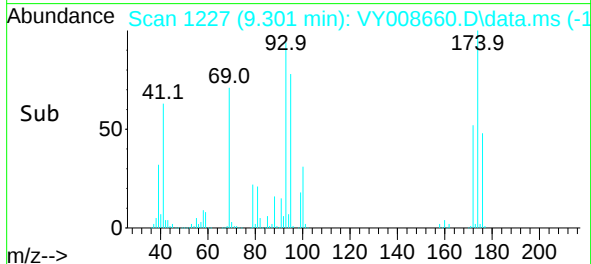
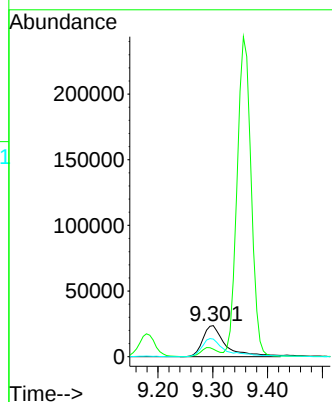
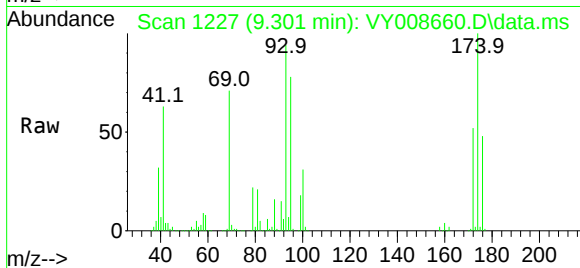
Tgt Ion: 88 Resp: 68732

Ion Ratio Lower Upper

88 100

43 21.4 32.8 49.2#

58 62.6 59.8 89.6



#50

Toluene-d8

Concen: 147.732 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008660.D

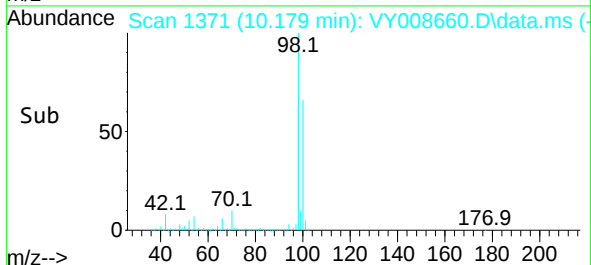
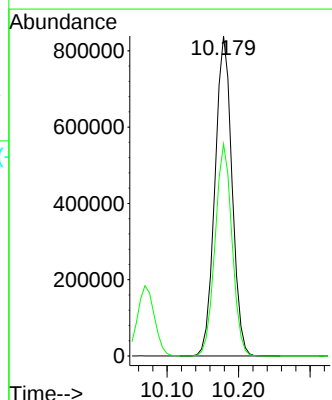
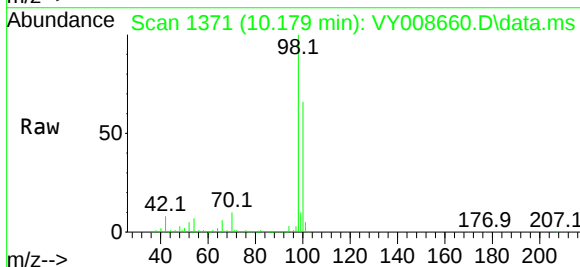
Acq: 09 May 2022 12:48

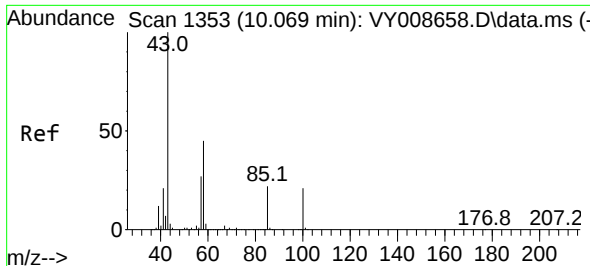
Tgt Ion: 98 Resp: 1386169

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

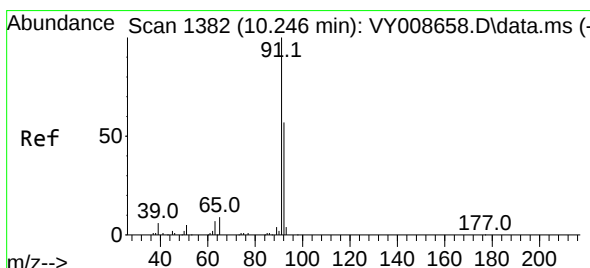
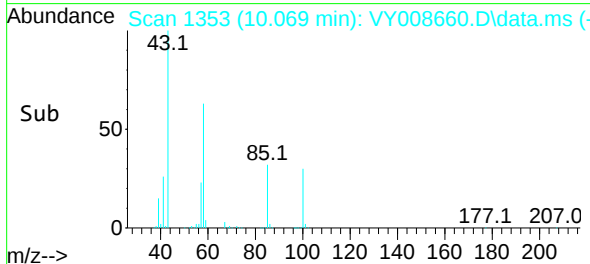
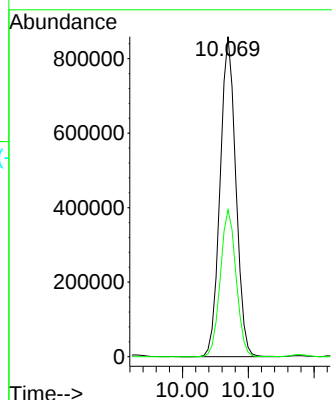
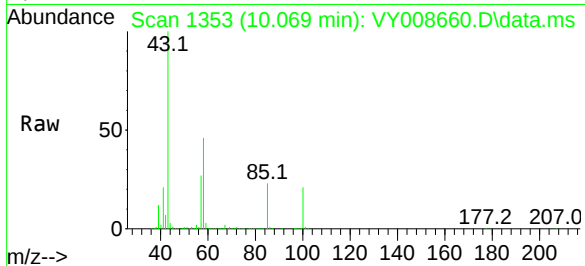




#51
4-Methyl-2-Pentanone
Concen: 672.829 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

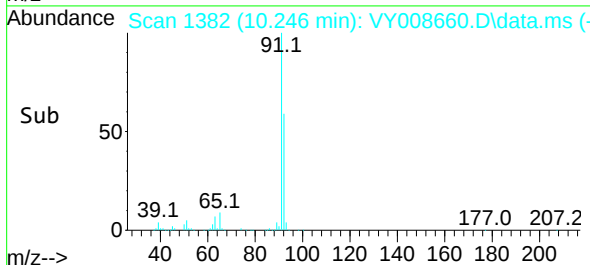
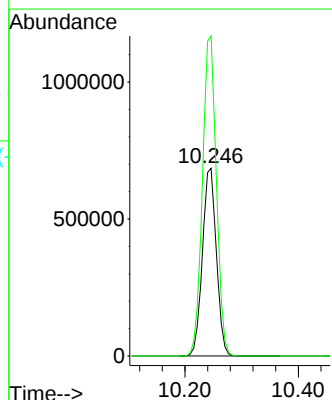
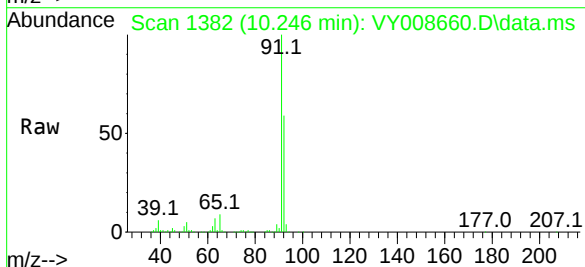
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

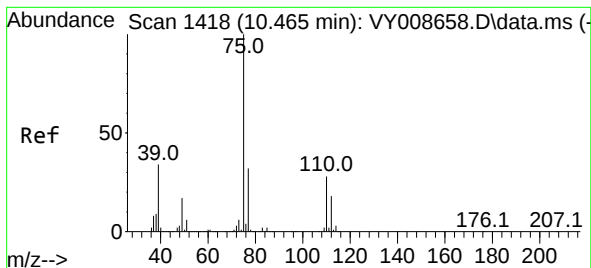
Tgt Ion: 43 Resp: 1430506
Ion Ratio Lower Upper
43 100
58 45.9 28.1 42.1#



#52
Toluene
Concen: 148.055 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 92 Resp: 1166570
Ion Ratio Lower Upper
92 100
91 170.4 142.6 213.8

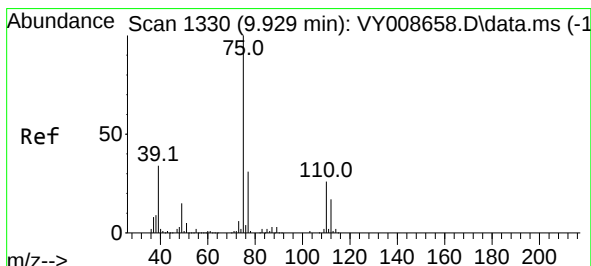
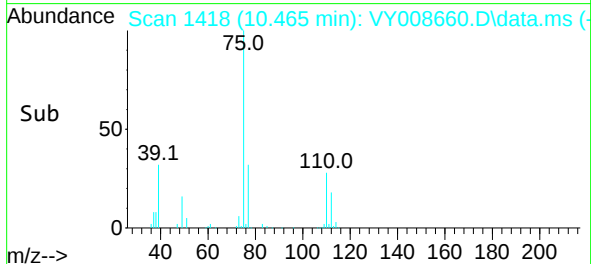
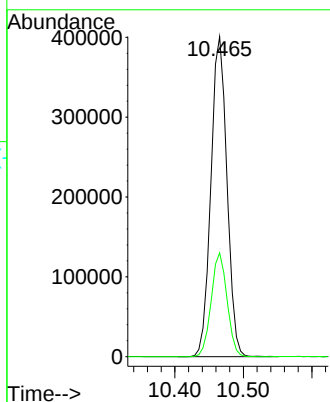
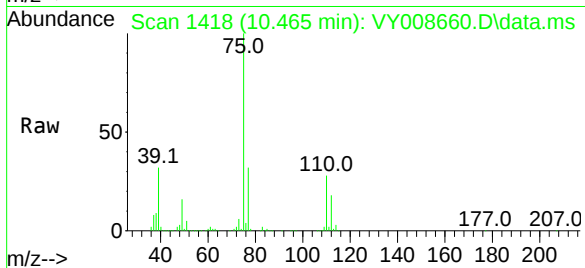




#53
t-1,3-Dichloropropene
Concen: 135.078 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

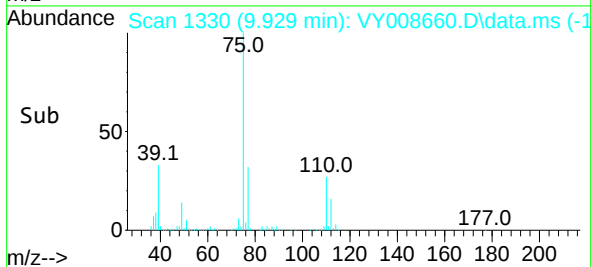
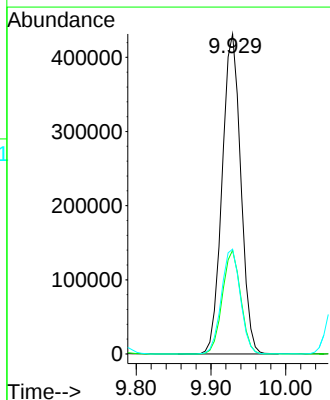
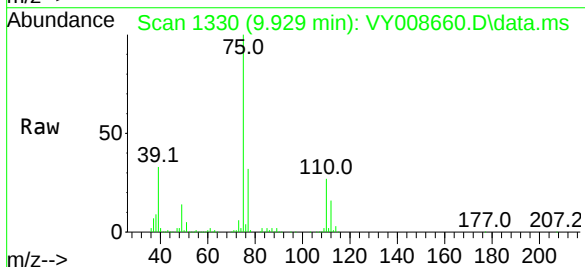
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

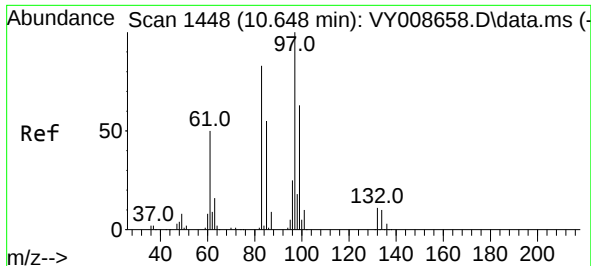
Tgt Ion: 75 Resp: 650935
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 149.748 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 75 Resp: 746757
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 32.7 47.6 71.4#



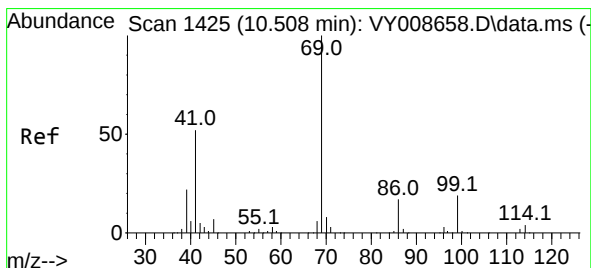
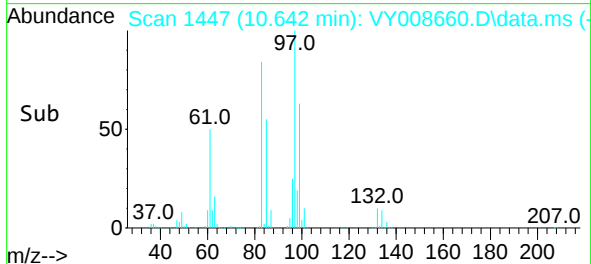
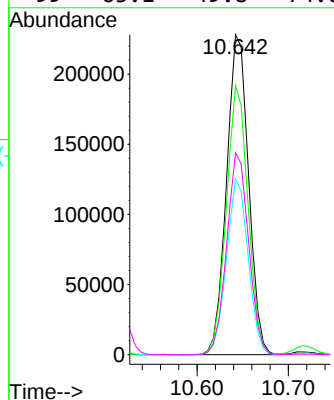
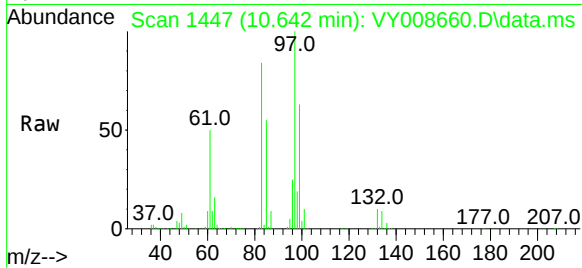


#55
1,1,2-Trichloroethane
Concen: 136.326 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 382320

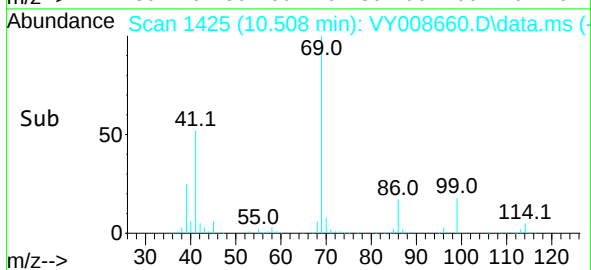
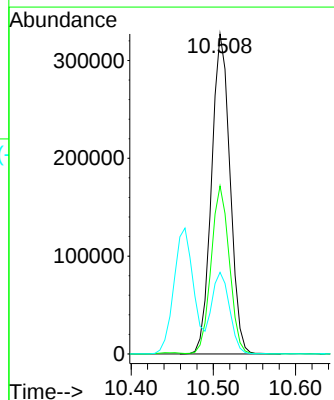
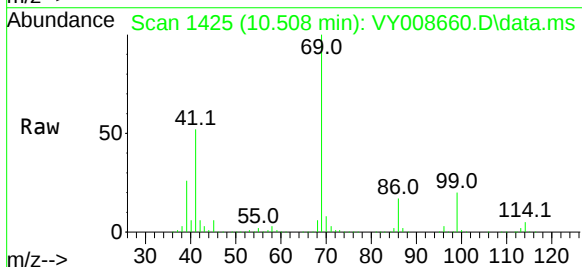
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.8	104.8
85	55.0	44.3	66.5
99	63.1	49.8	74.6

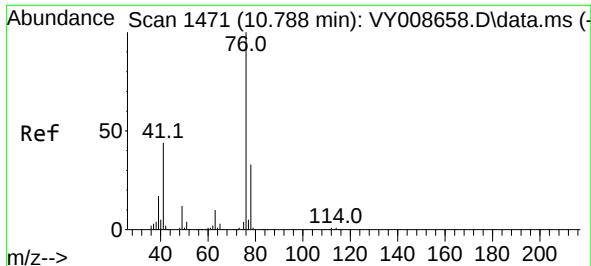


#56
Ethyl methacrylate
Concen: 142.094 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 69 Resp: 510960

Ion	Ratio	Lower	Upper
69	100		
41	51.6	63.4	95.0#
39	24.4	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 137.641 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

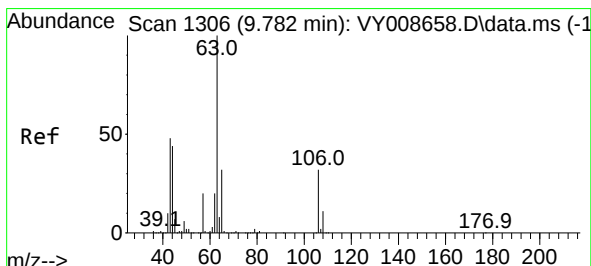
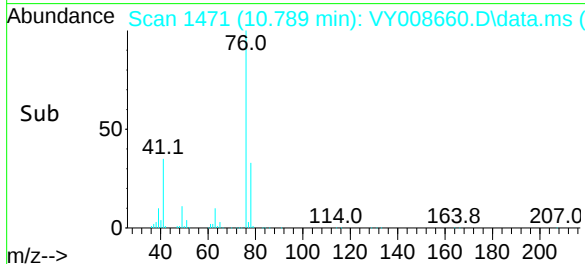
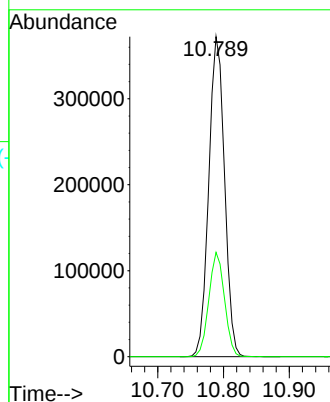
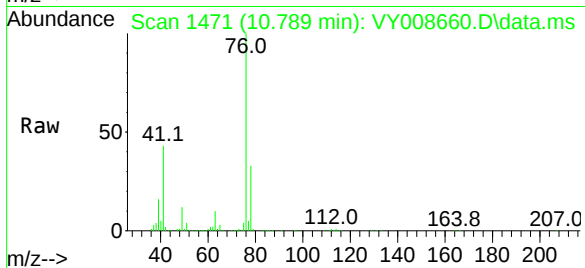
VSTDIC150

Tgt Ion: 76 Resp: 620195

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 751.116 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008660.D

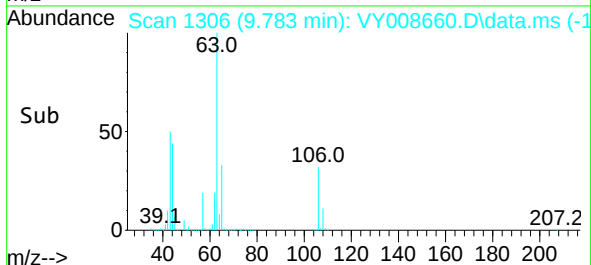
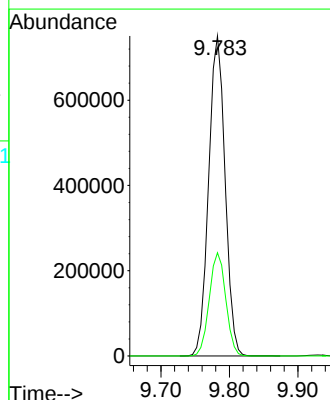
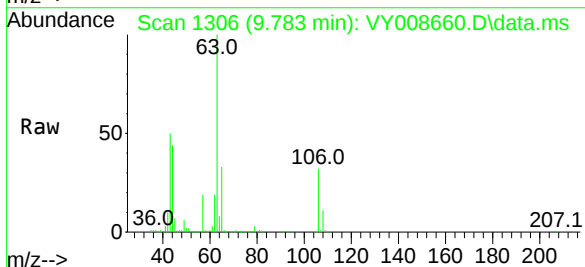
Acq: 09 May 2022 12:48

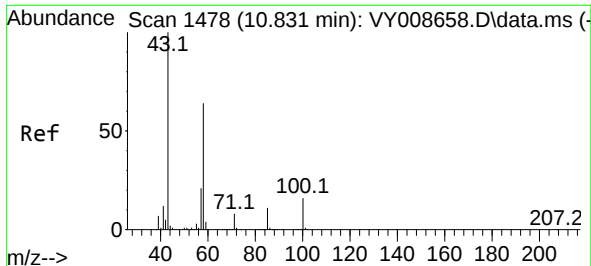
Tgt Ion: 63 Resp: 1253999

Ion Ratio Lower Upper

63 100

106 32.4 21.5 32.3#

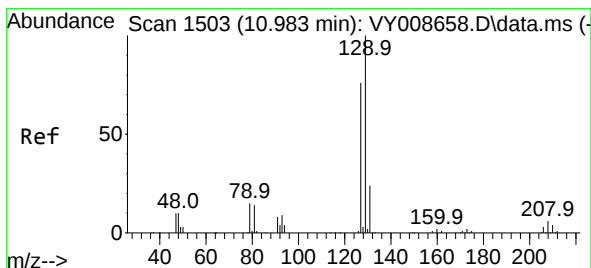
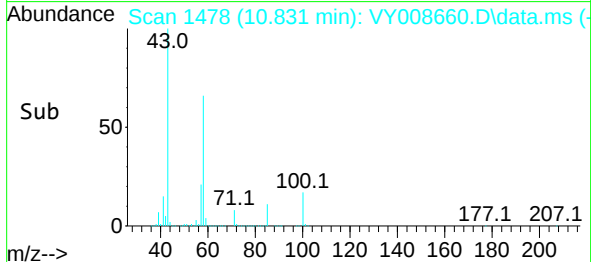
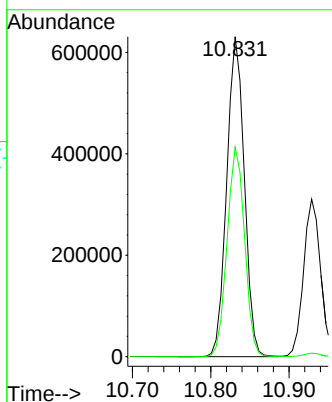
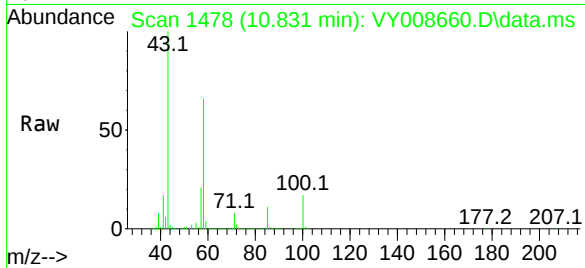




#59
2-Hexanone
Concen: 649.800 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

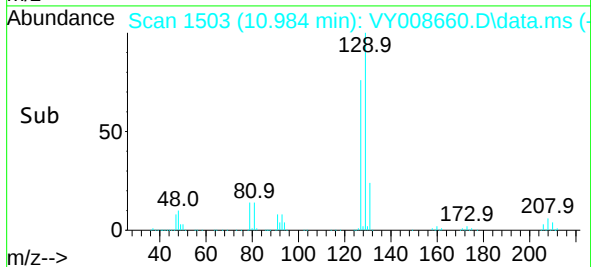
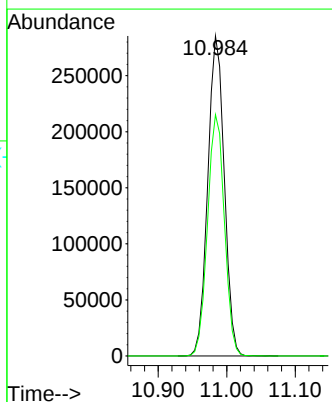
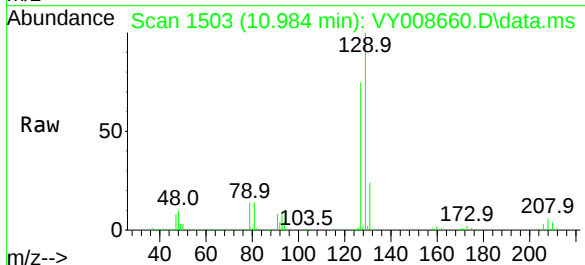
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

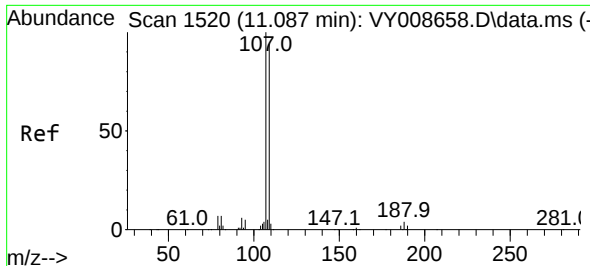
Tgt Ion: 43 Resp: 983552
Ion Ratio Lower Upper
43 100
58 65.3 24.4 73.4



#60
Dibromochloromethane
Concen: 146.990 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 129 Resp: 477614
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

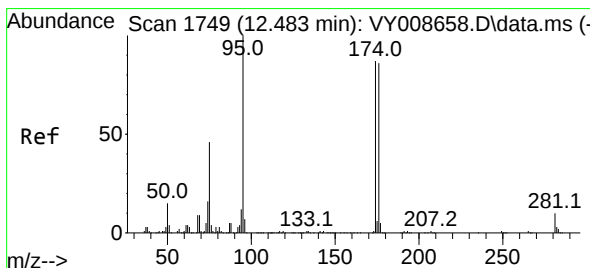
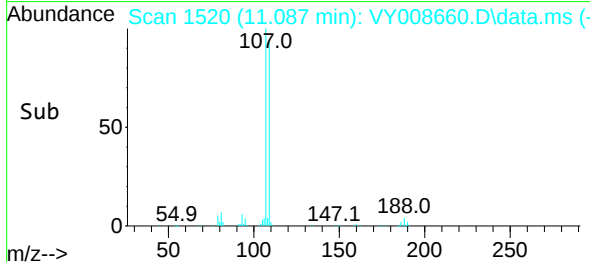
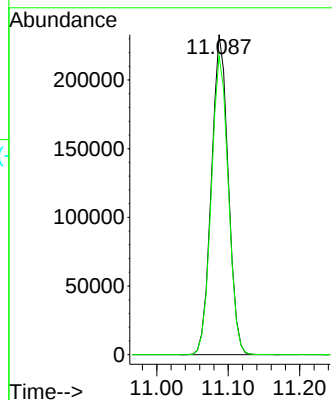
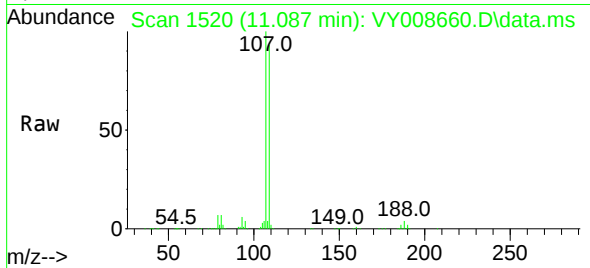




#61
1,2-Dibromoethane
Concen: 142.691 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

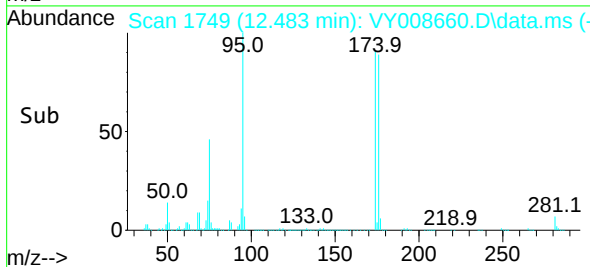
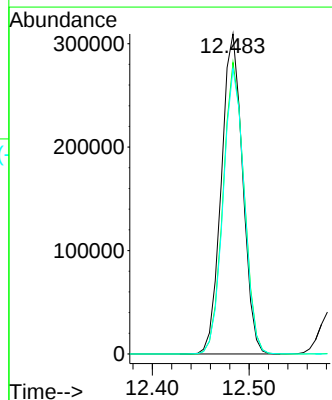
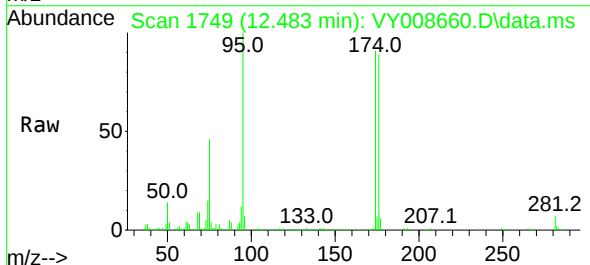
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

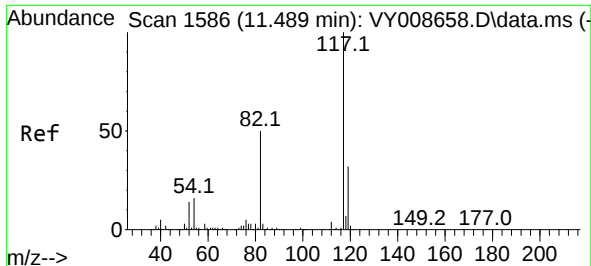
Tgt Ion:107 Resp: 379553
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 137.514 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 95 Resp: 471980
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 88.4 0.0 175.8

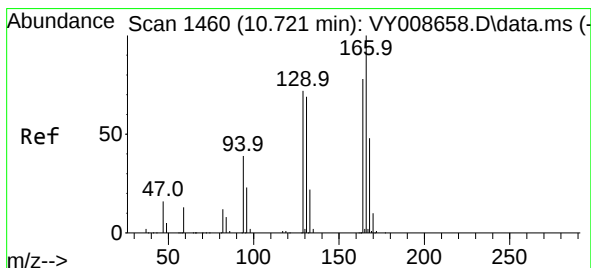
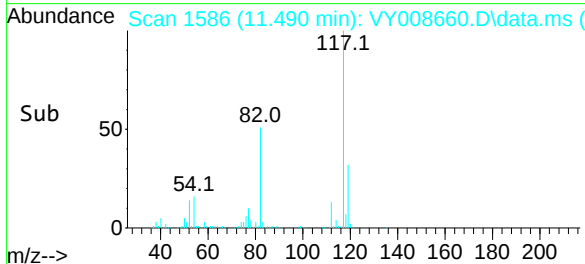
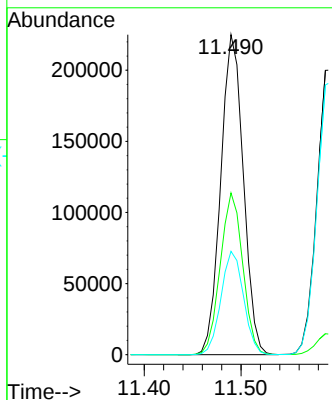
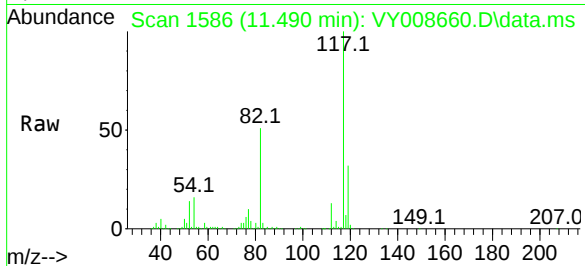




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

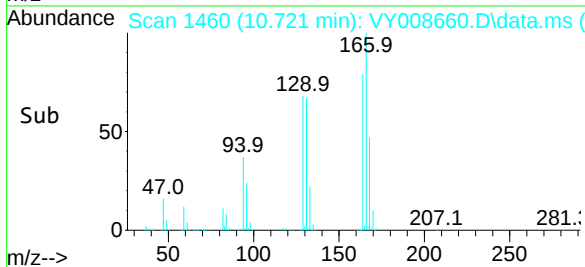
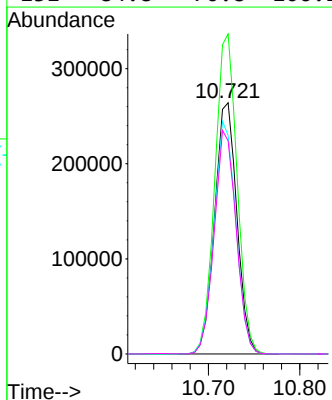
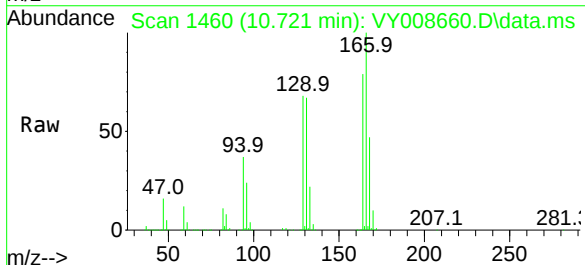
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

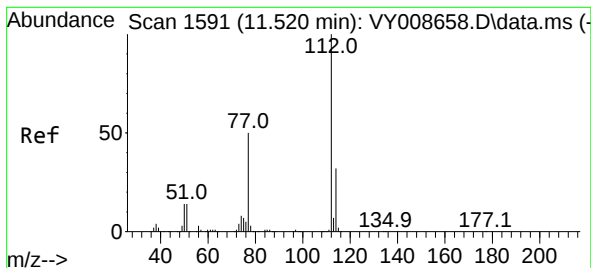
Tgt Ion:117 Resp: 365440
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 160.101 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion:164 Resp: 447283
Ion Ratio Lower Upper
164 100
166 127.3 100.4 150.6
129 86.9 71.4 107.0
131 84.8 70.8 106.2

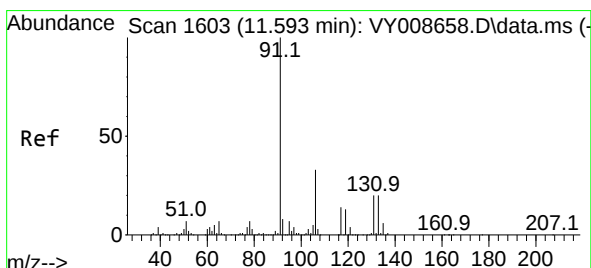
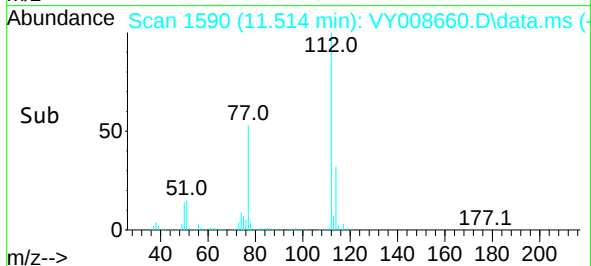
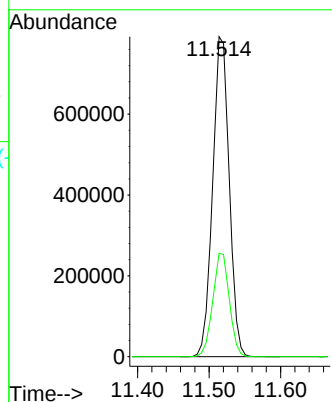
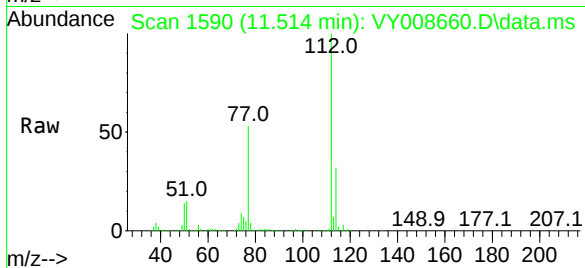




#65
Chlorobenzene
Concen: 154.783 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

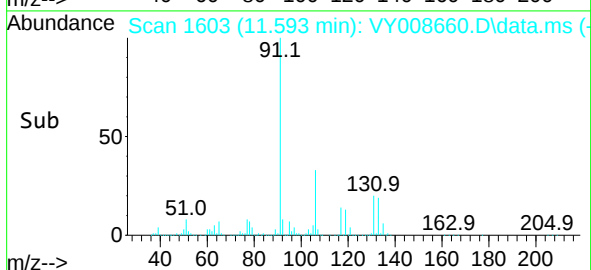
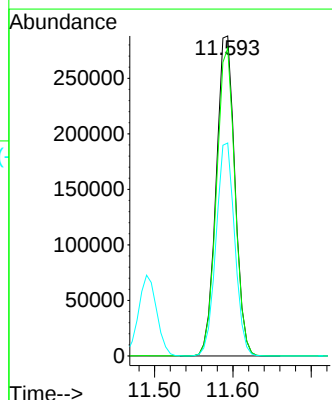
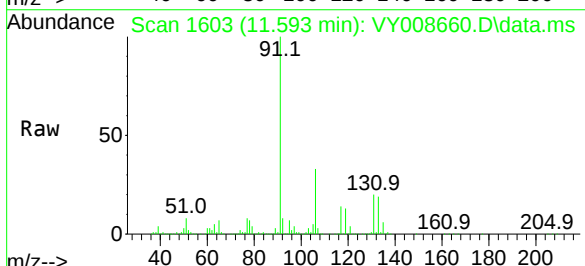
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

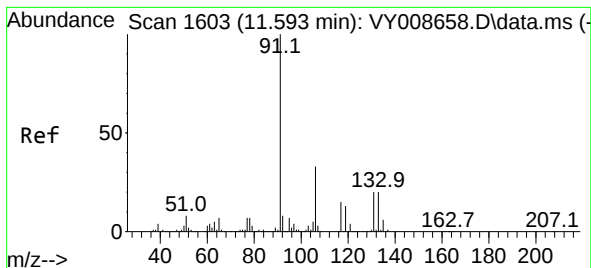
Tgt Ion:112 Resp: 1270545
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 159.449 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion:131 Resp: 479019
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 66.4 30.8 92.3





#67

Ethyl Benzene

Concen: 154.581 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

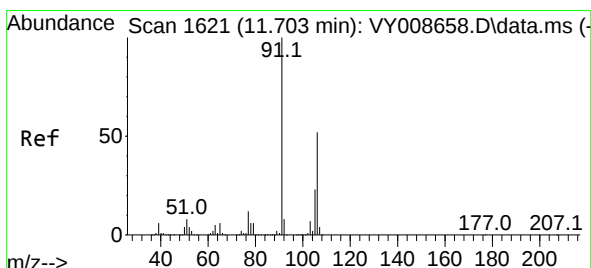
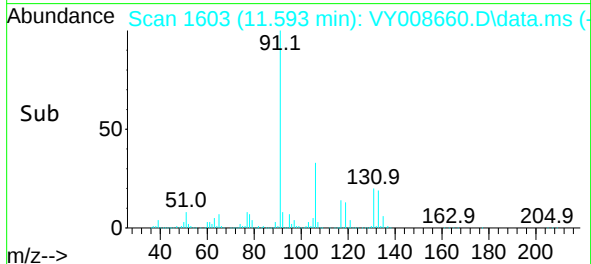
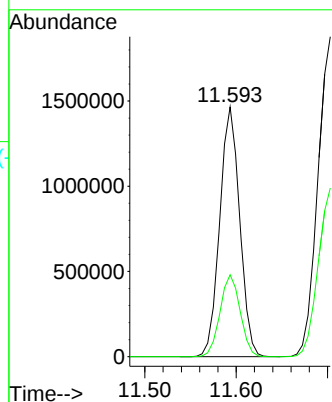
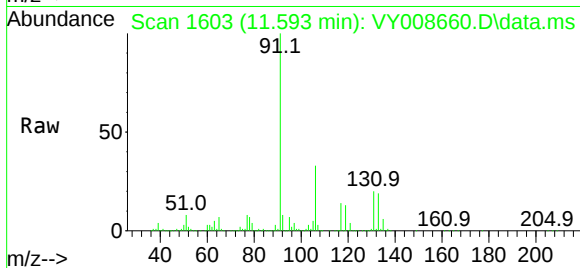
VSTDIC150

Tgt Ion: 91 Resp: 2223684

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 281.257 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008660.D

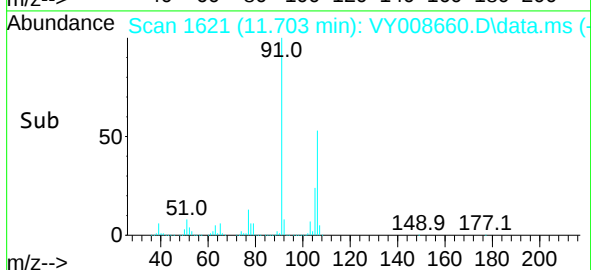
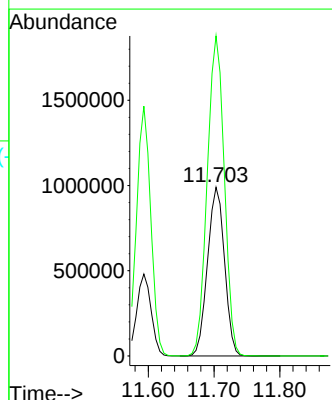
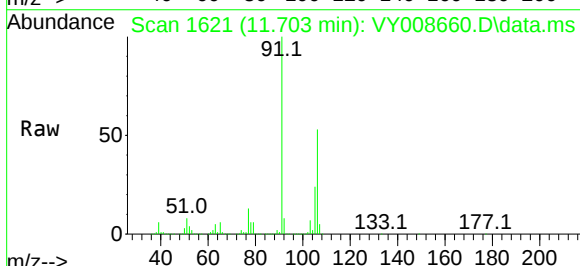
Acq: 09 May 2022 12:48

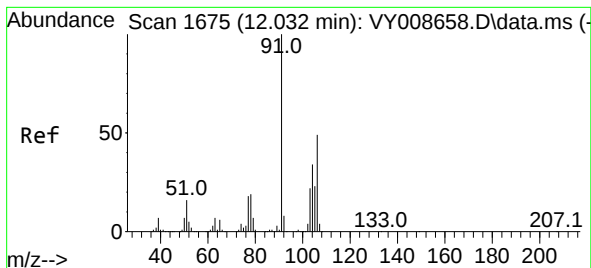
Tgt Ion: 106 Resp: 1777479

Ion Ratio Lower Upper

106 100

91 190.7 166.6 249.8

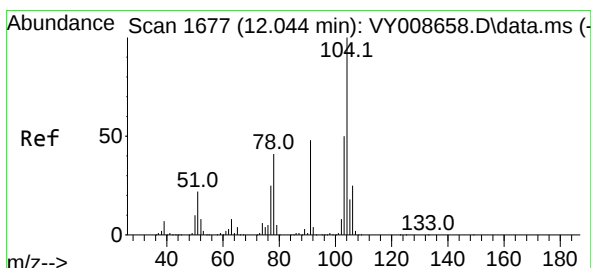
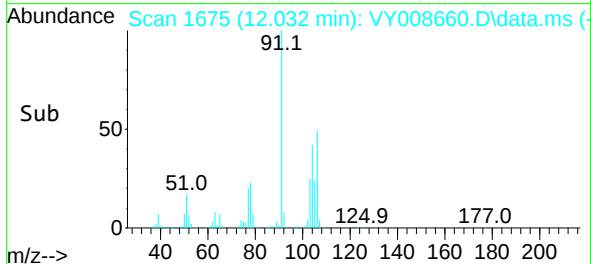
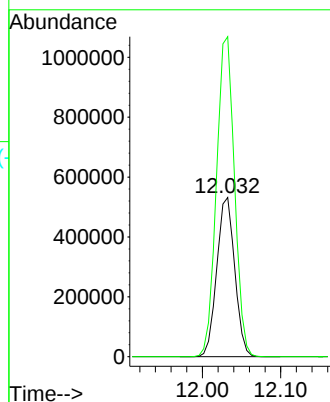
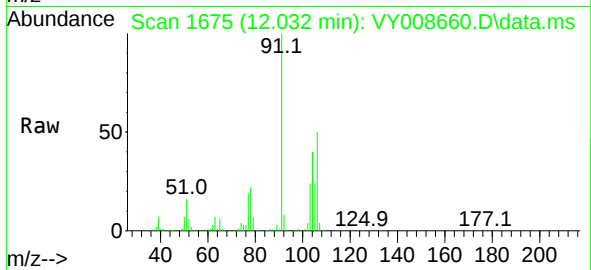




#69
o-Xylene
Concen: 136.212 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

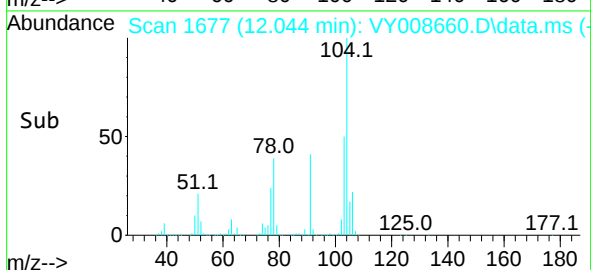
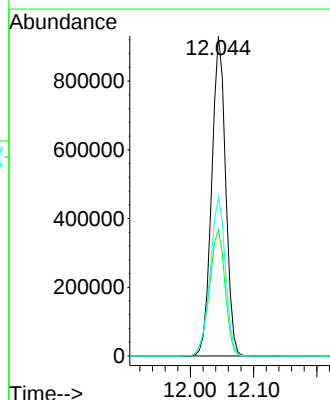
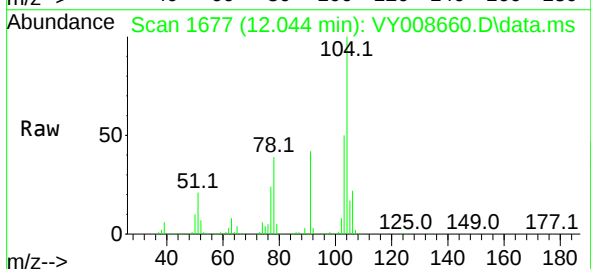
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

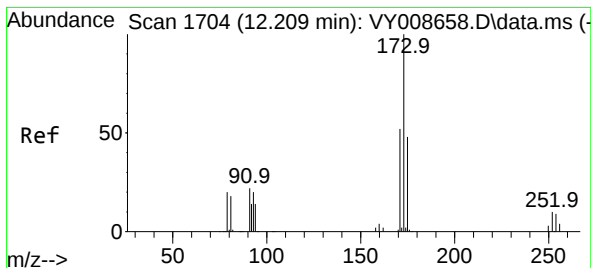
Tgt Ion:106 Resp: 847115
Ion Ratio Lower Upper
106 100
91 201.9 110.3 331.0



#70
Styrene
Concen: 134.828 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion:104 Resp: 1426594
Ion Ratio Lower Upper
104 100
78 44.2 42.4 63.6
103 53.9 44.4 66.6





#71

Bromoform

Concen: 139.937 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

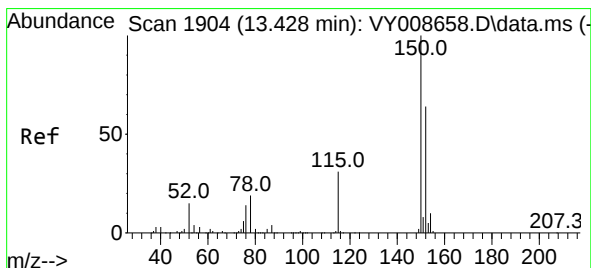
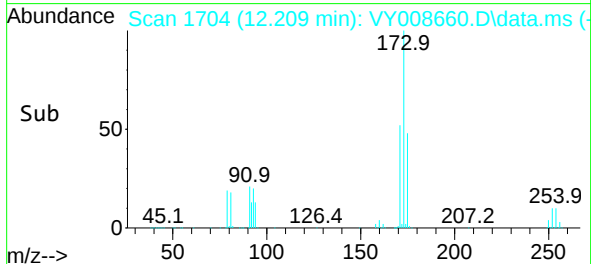
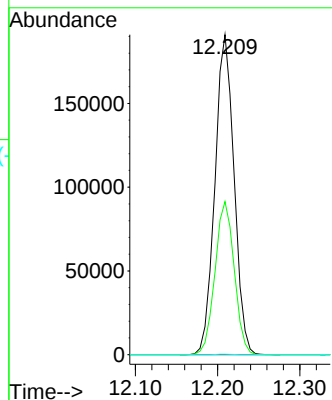
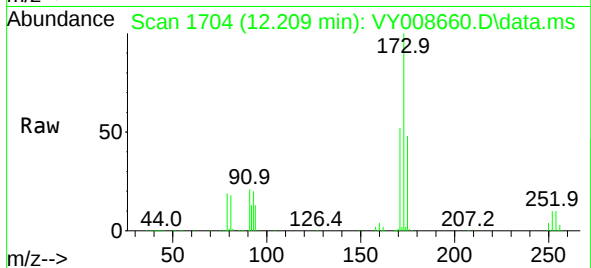
Tgt Ion:173 Resp: 309324

Ion Ratio Lower Upper

173 100

175 48.0 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

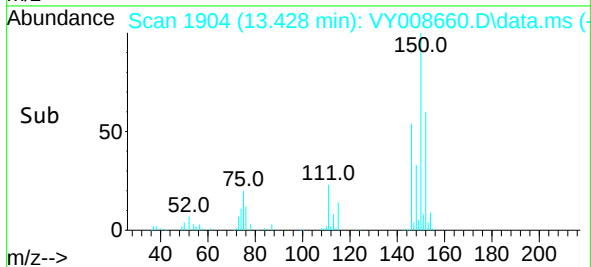
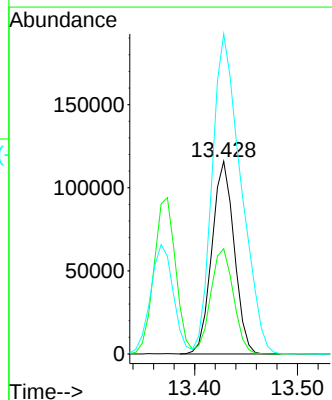
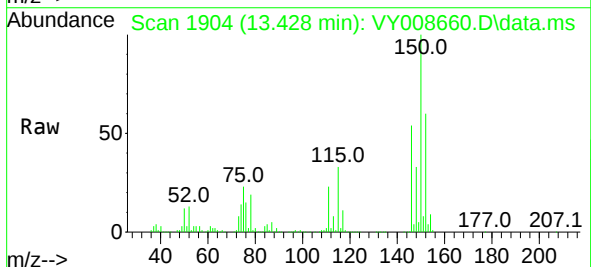
Tgt Ion:152 Resp: 174261

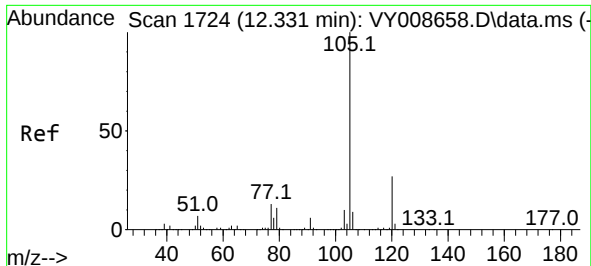
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 214.5 0.0 347.6

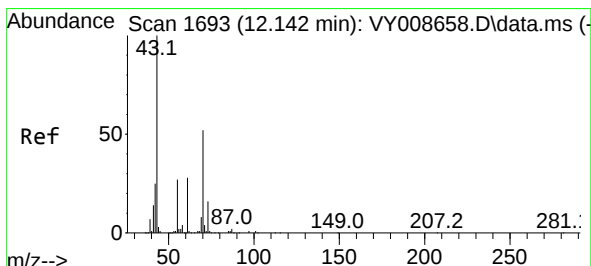
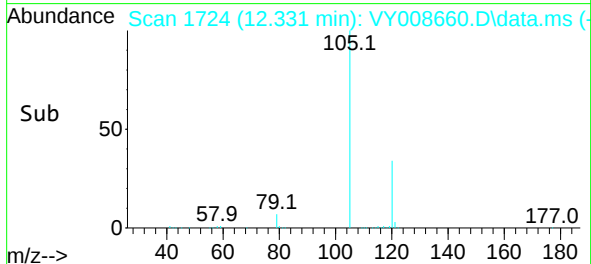
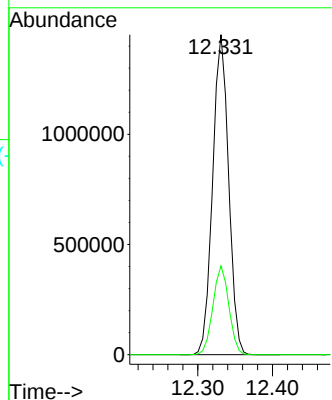
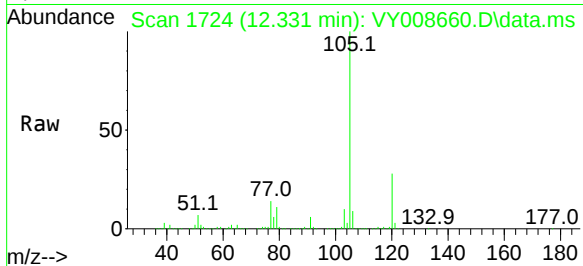




#73
Isopropylbenzene
Concen: 145.680 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

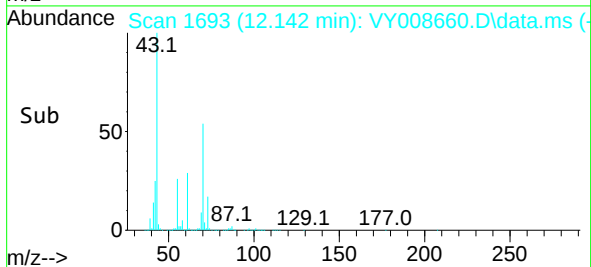
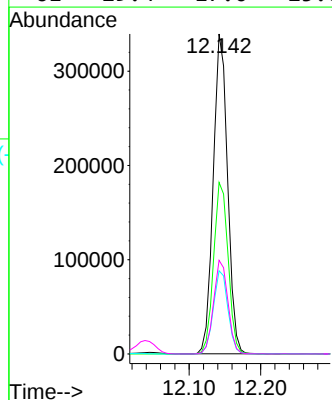
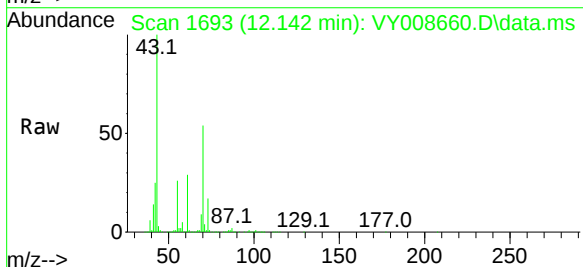
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

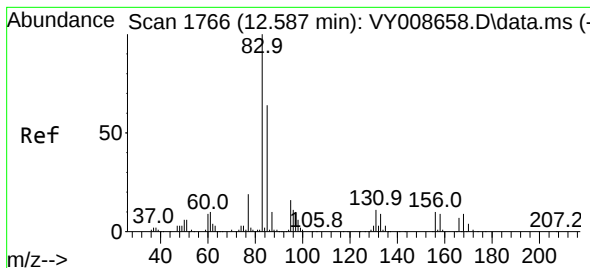
Tgt Ion:105 Resp: 2152719
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2



#74
N-ethyl acetate
Concen: 127.573 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 43 Resp: 472562
Ion Ratio Lower Upper
43 100
70 54.4 28.7 43.1#
55 26.5 17.3 25.9#
61 29.4 17.0 25.6#

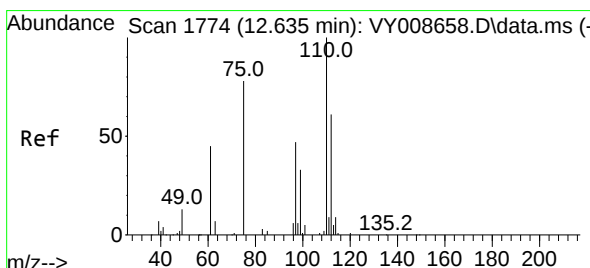
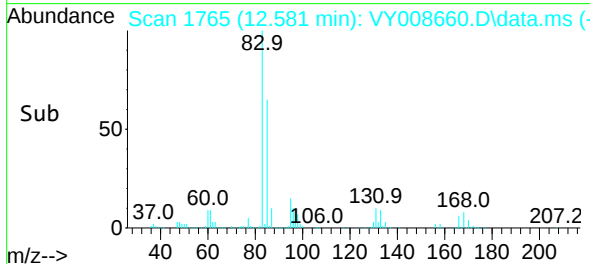
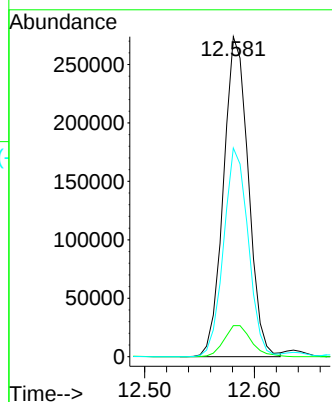
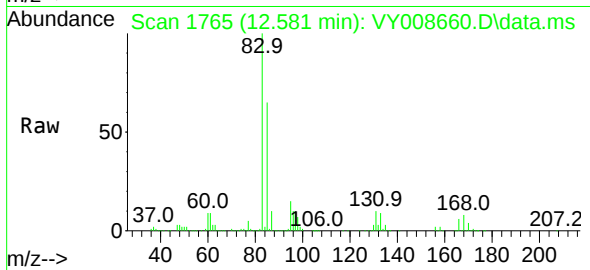




#75
1,1,2,2-Tetrachloroethane
Concen: 141.858 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

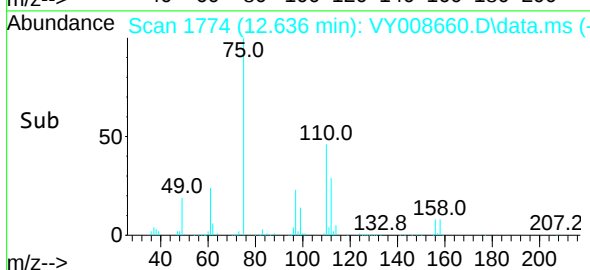
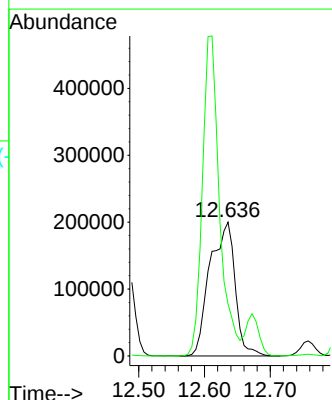
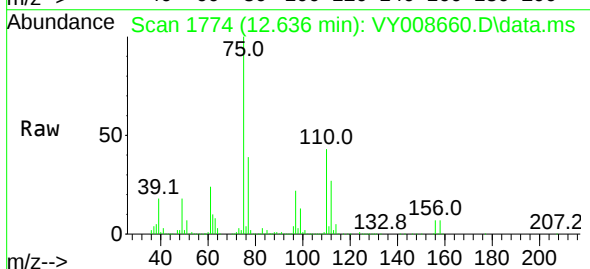
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

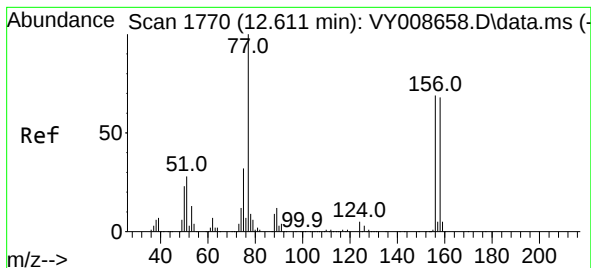
Tgt Ion: 83 Resp: 430630
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 268.515 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 75 Resp: 532916
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 160.558 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

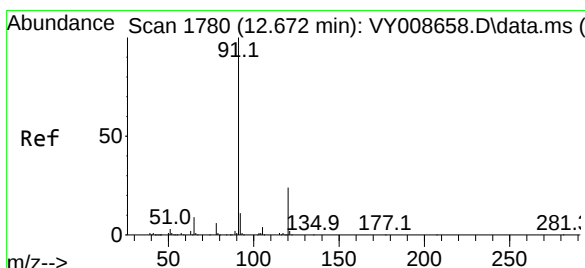
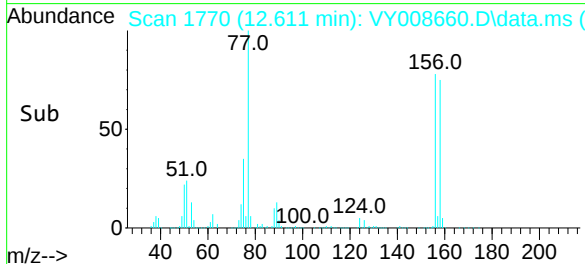
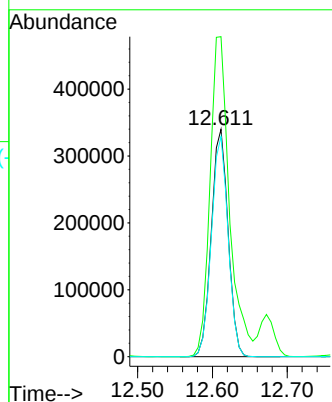
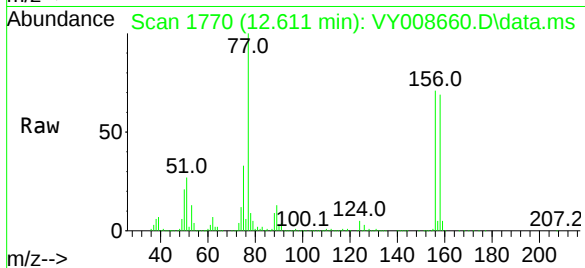
Tgt Ion:156 Resp: 529538

Ion Ratio Lower Upper

156 100

77 163.7 95.5 286.4

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 158.651 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008660.D

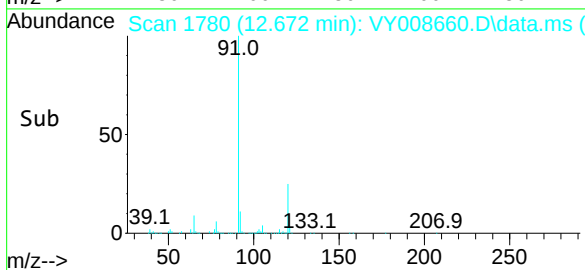
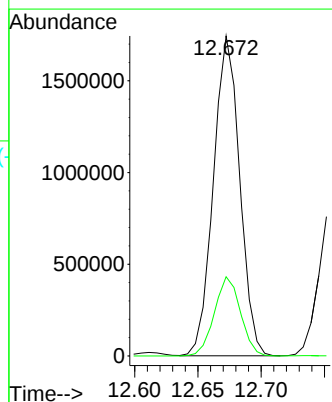
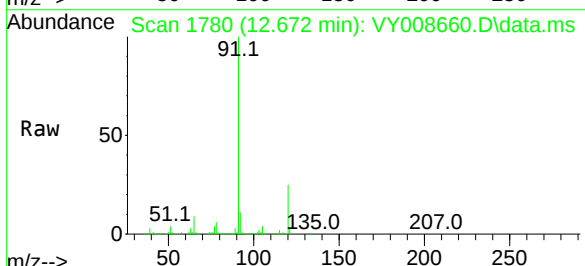
Acq: 09 May 2022 12:48

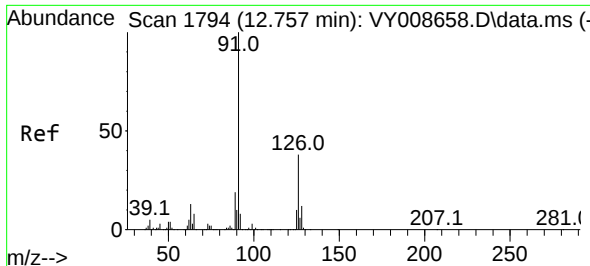
Tgt Ion: 91 Resp: 2520083

Ion Ratio Lower Upper

91 100

120 24.5 11.3 33.9

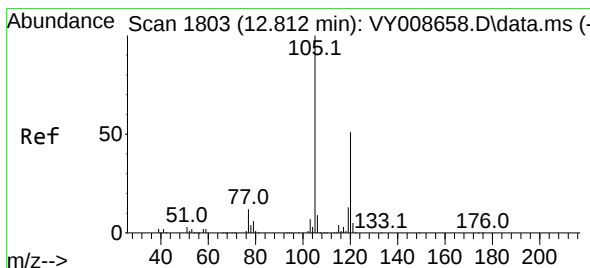
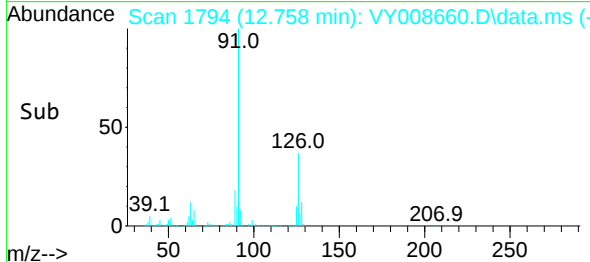
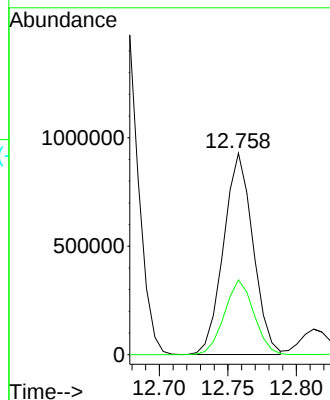
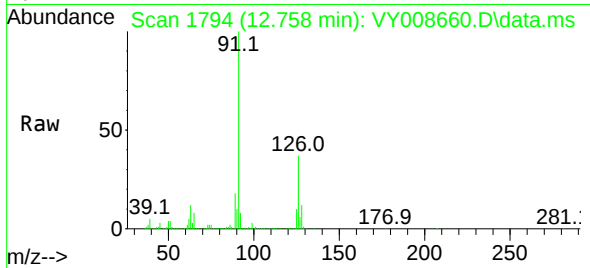




#79
2-Chlorotoluene
Concen: 162.918 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

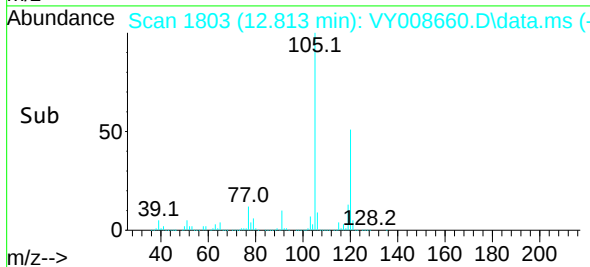
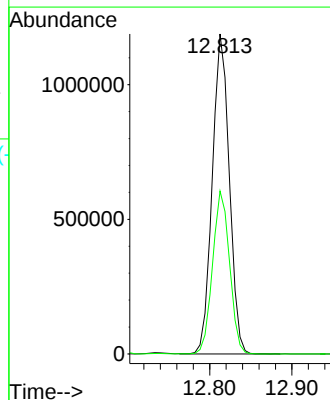
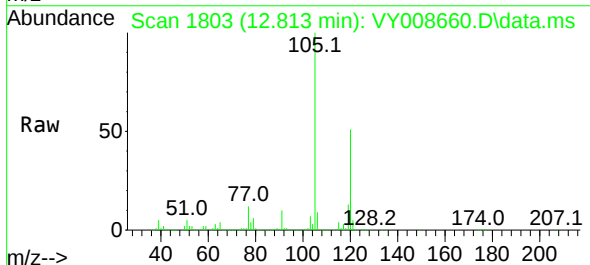
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

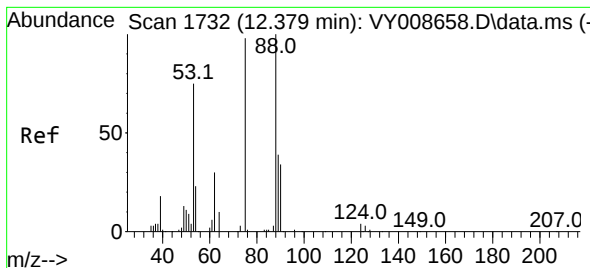
Tgt Ion: 91 Resp: 1389401
Ion Ratio Lower Upper
91 100
126 37.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 162.678 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 105 Resp: 1707351
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4

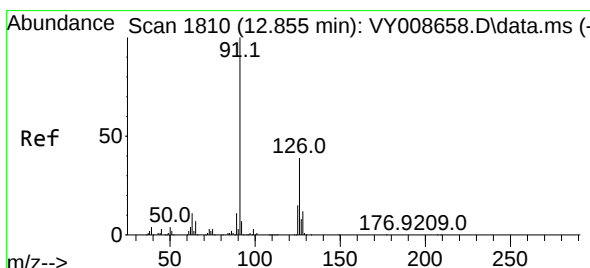
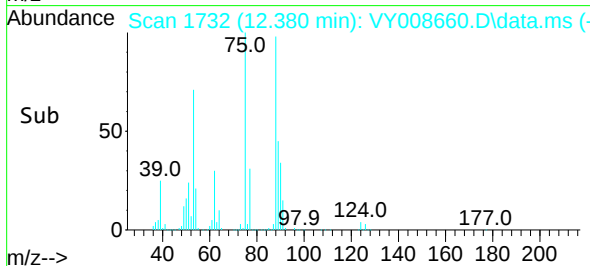
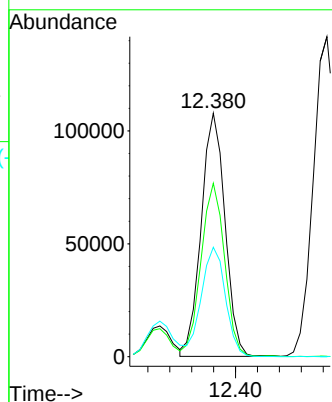
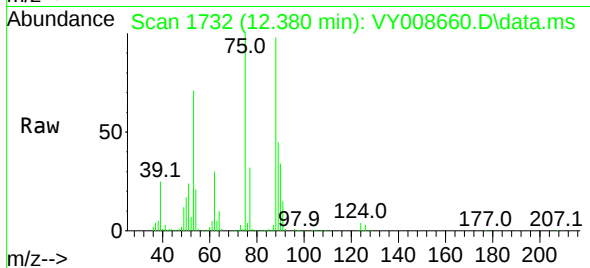




#81
trans-1,4-Dichloro-2-butene
Concen: 151.867 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

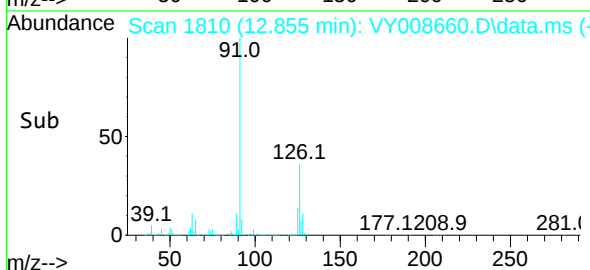
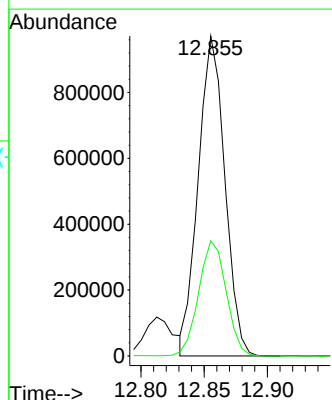
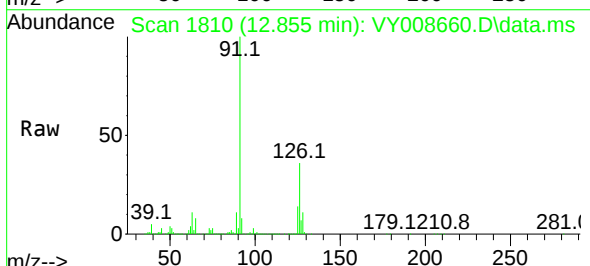
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

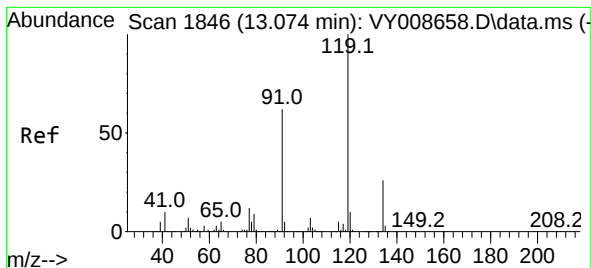
Tgt Ion: 75 Resp: 162156
Ion Ratio Lower Upper
75 100
53 70.5 85.3 127.9#
89 45.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 159.463 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 91 Resp: 1421684
Ion Ratio Lower Upper
91 100
126 37.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 158.550 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

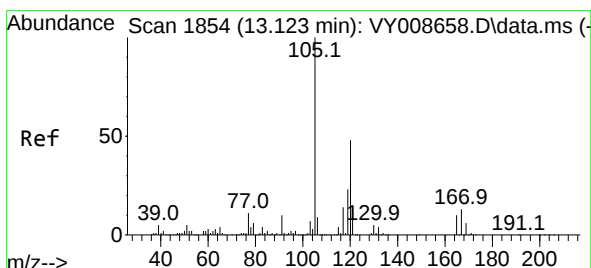
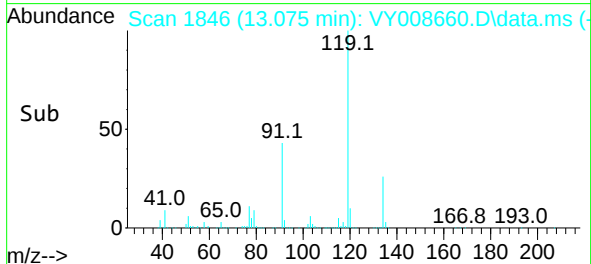
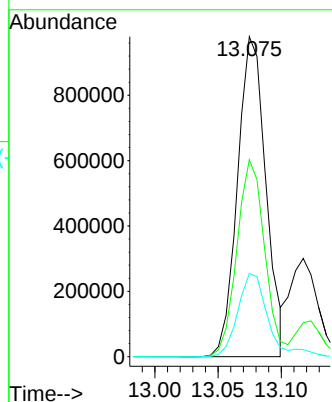
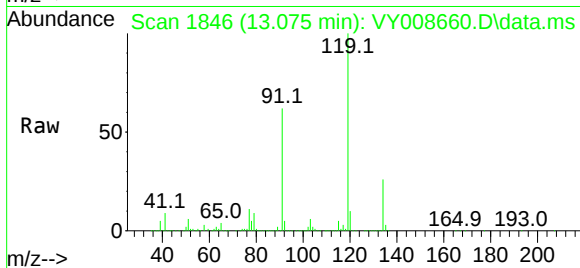
Tgt Ion:119 Resp: 1527613

Ion Ratio Lower Upper

119 100

91 60.5 34.8 104.4

134 27.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 157.864 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008660.D

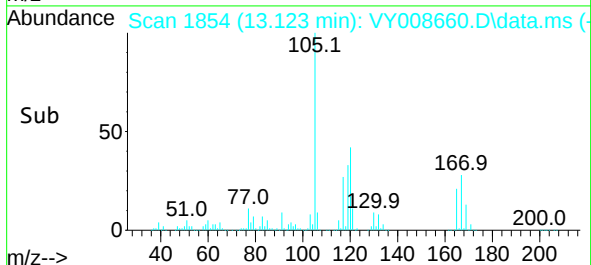
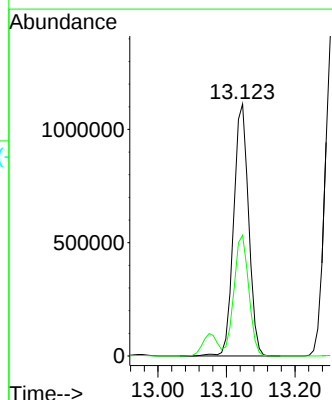
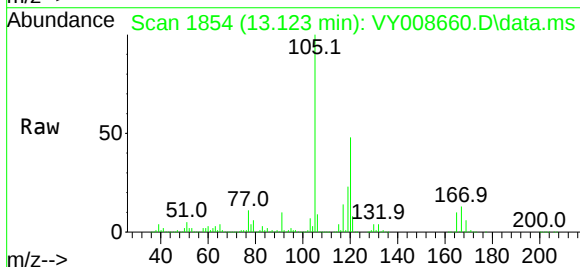
Acq: 09 May 2022 12:48

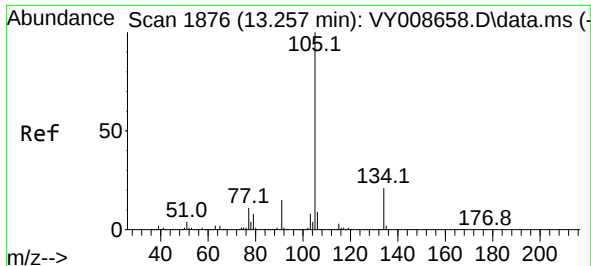
Tgt Ion:105 Resp: 1680674

Ion Ratio Lower Upper

105 100

120 47.5 22.3 66.9

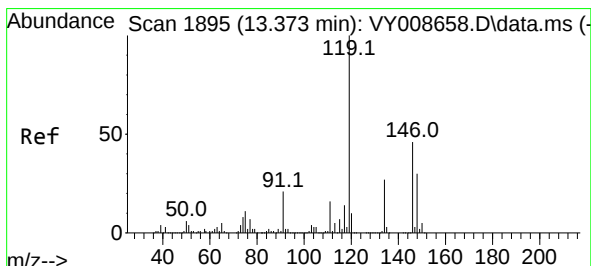
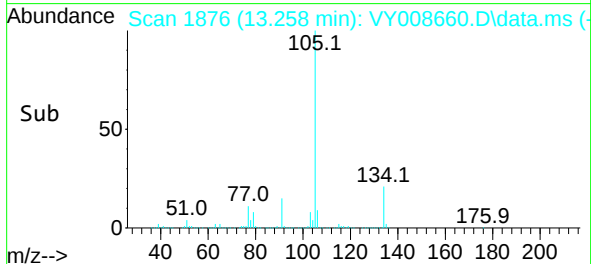
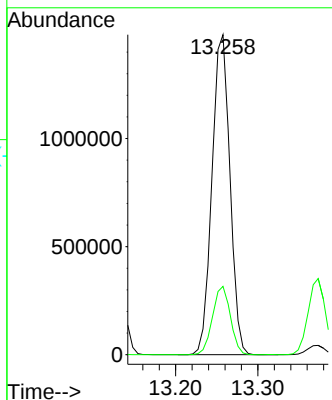
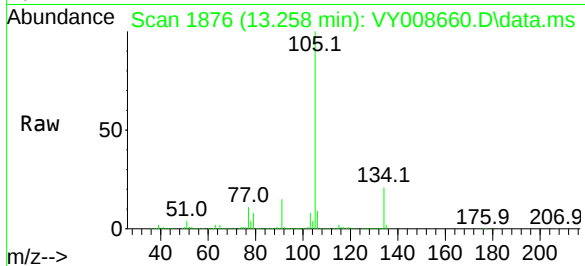




#85
 sec-Butylbenzene
 Concen: 156.122 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY008660.D
 Acq: 09 May 2022 12:48

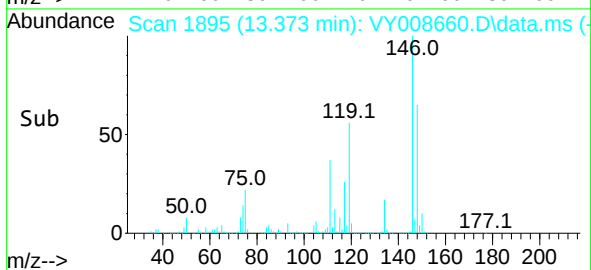
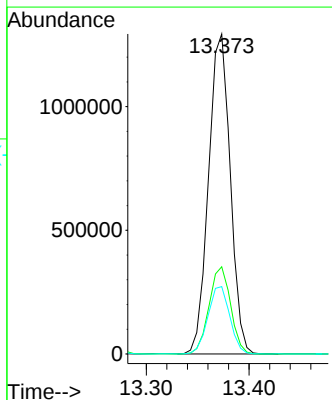
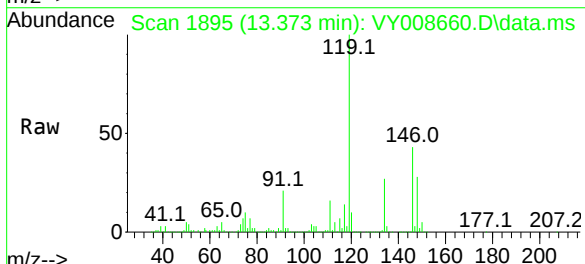
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

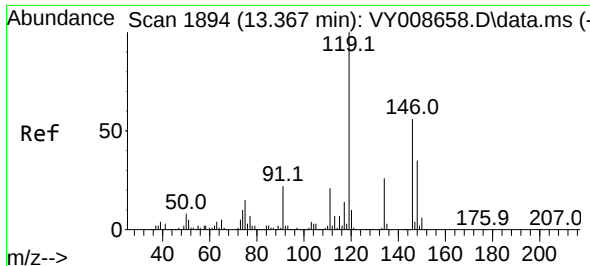
Tgt Ion:105 Resp: 2244512
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 157.279 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY008660.D
 Acq: 09 May 2022 12:48

Tgt Ion:119 Resp: 1894852
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 21.2 12.4 37.2

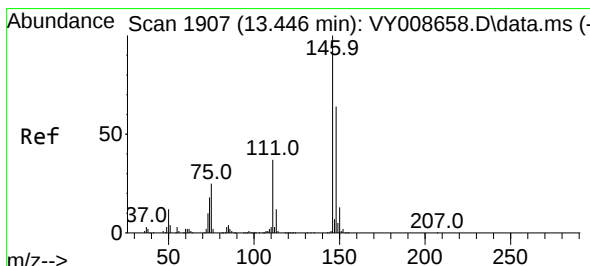
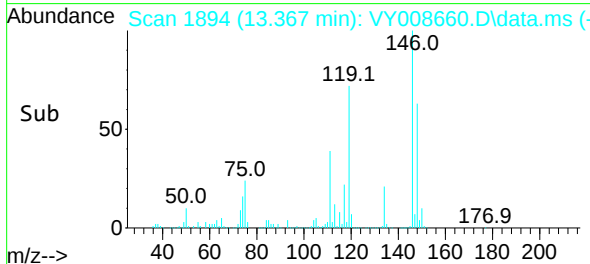
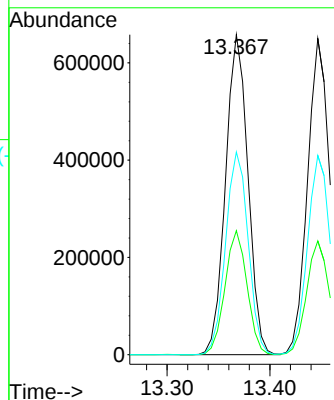
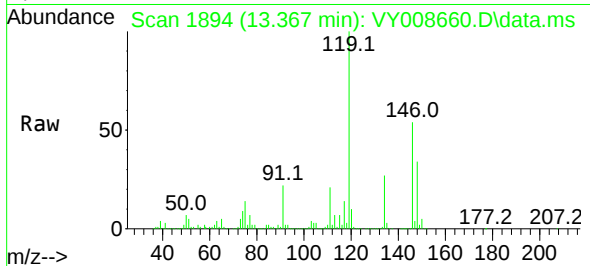




#87
1,3-Dichlorobenzene
Concen: 156.718 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

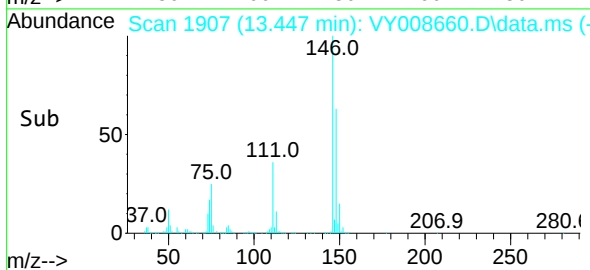
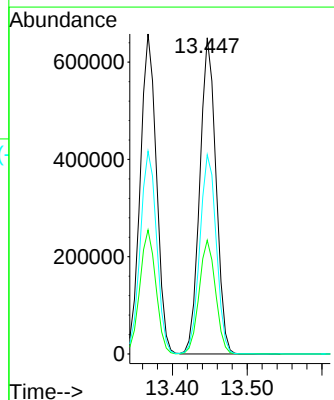
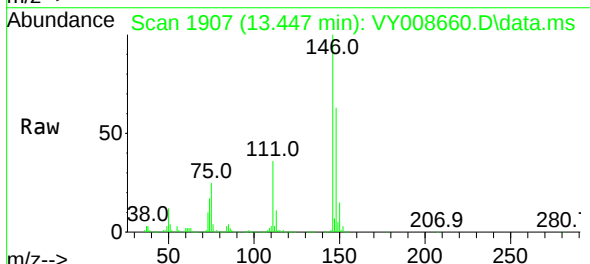
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

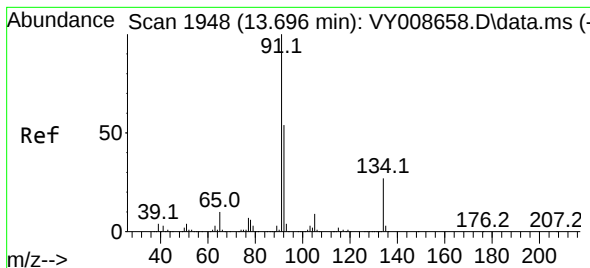
Tgt Ion:146 Resp: 998081
Ion Ratio Lower Upper
146 100
111 38.1 19.5 58.5
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 153.990 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion:146 Resp: 978004
Ion Ratio Lower Upper
146 100
111 36.3 19.3 57.8
148 64.2 32.6 97.8





#89

n-Butylbenzene

Concen: 153.136 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

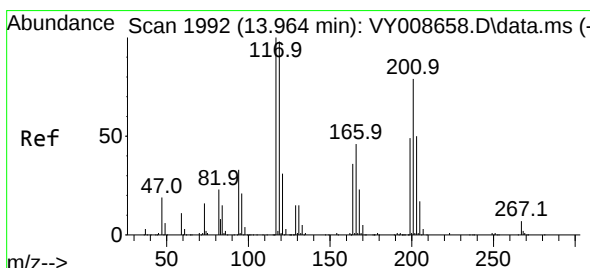
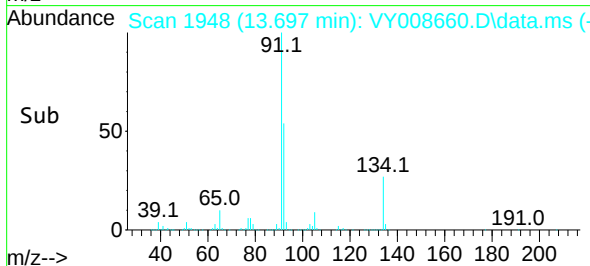
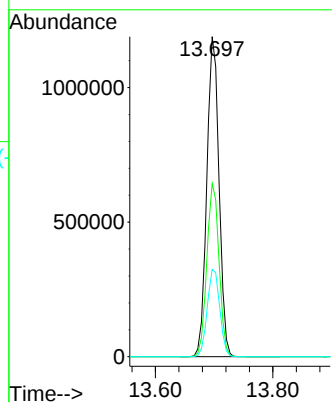
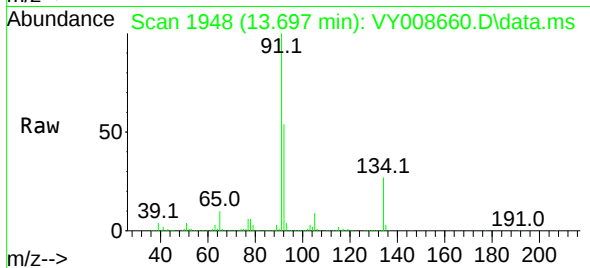
Tgt Ion: 91 Resp: 1711445

Ion Ratio Lower Upper

91 100

92 54.2 26.3 78.9

134 28.0 13.0 38.9



#90

Hexachloroethane

Concen: 153.438 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY008660.D

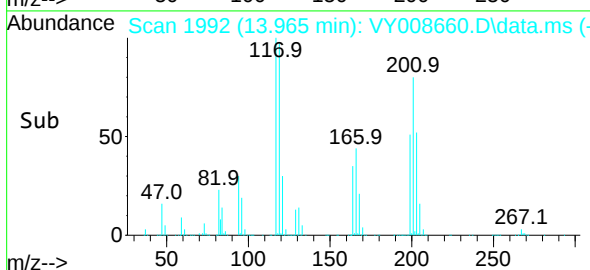
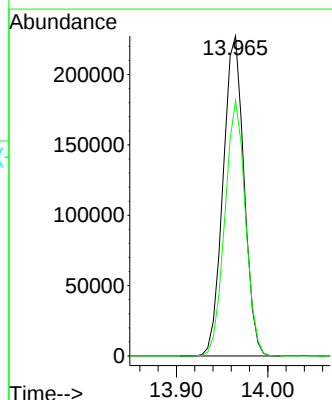
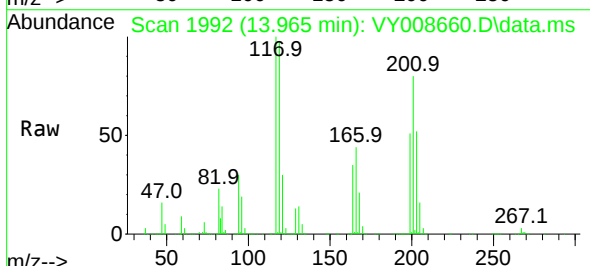
Acq: 09 May 2022 12:48

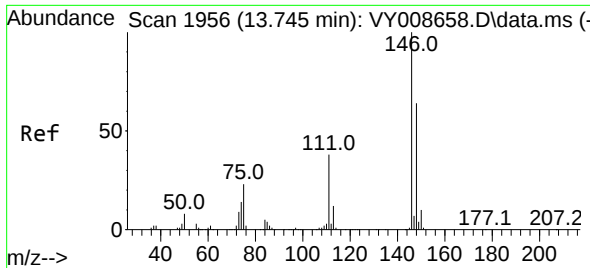
Tgt Ion: 117 Resp: 362358

Ion Ratio Lower Upper

117 100

201 78.5 43.0 128.8

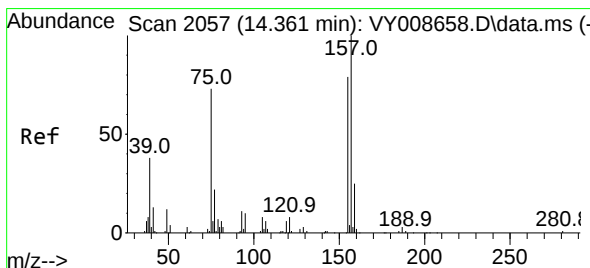
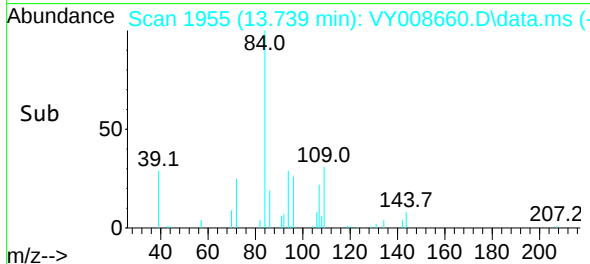
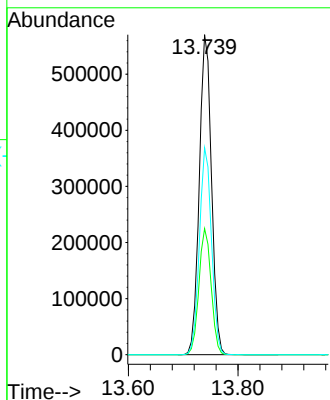
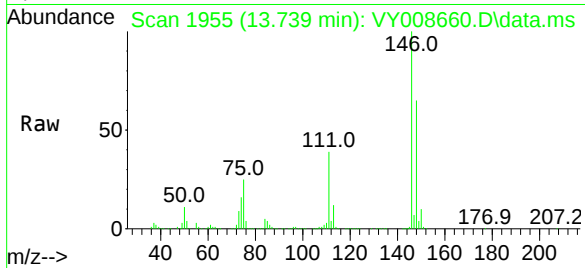




#91
1,2-Dichlorobenzene
Concen: 156.897 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

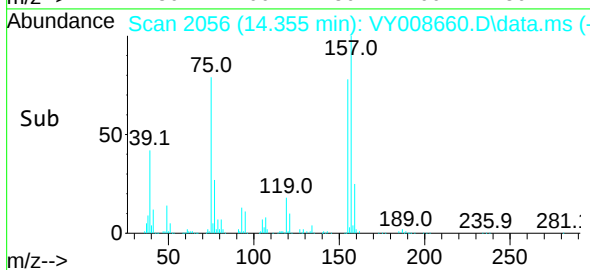
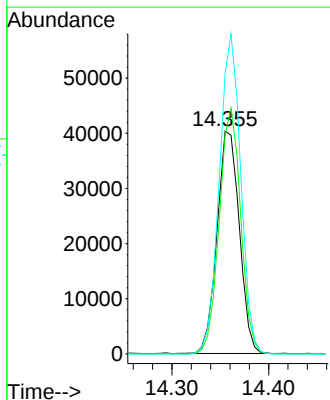
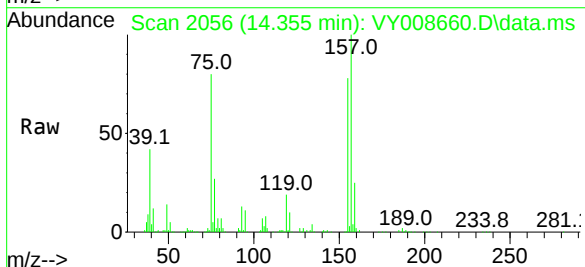
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

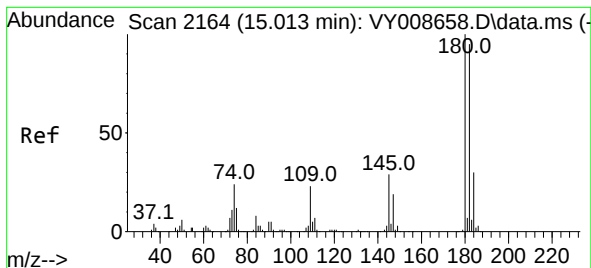
Tgt Ion:146 Resp: 881588
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 64.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 137.879 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008660.D
Acq: 09 May 2022 12:48

Tgt Ion: 75 Resp: 64411
Ion Ratio Lower Upper
75 100
155 106.2 38.0 113.9
157 138.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 158.929 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

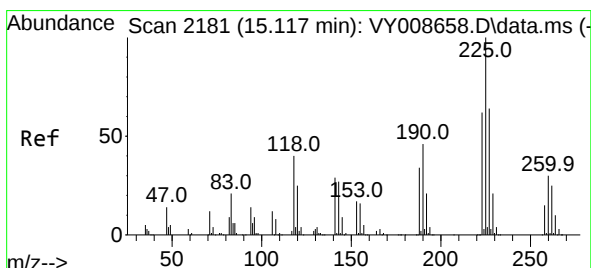
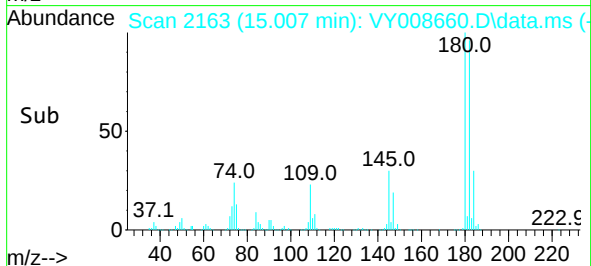
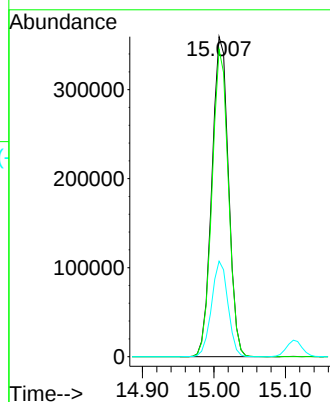
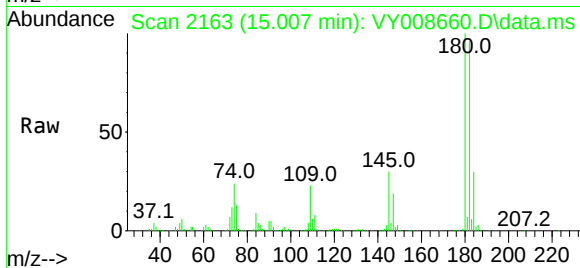
Tgt Ion:180 Resp: 578005

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 162.621 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

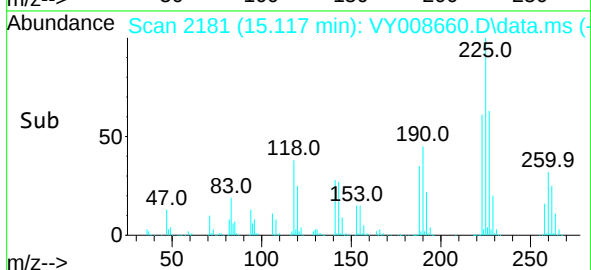
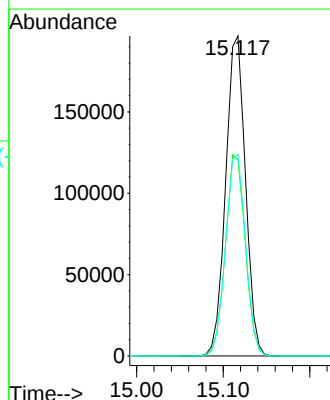
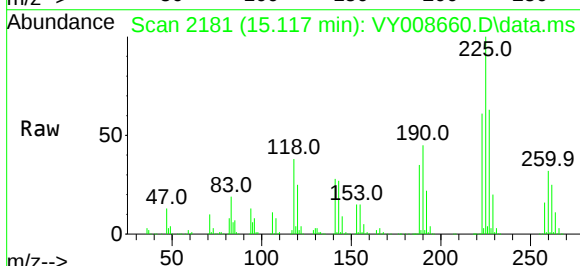
Tgt Ion:225 Resp: 311818

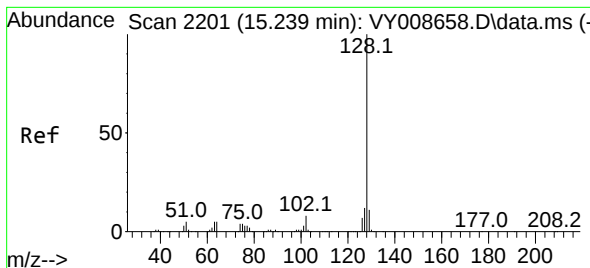
Ion Ratio Lower Upper

225 100

223 63.1 30.8 92.3

227 64.1 31.6 94.7





#95

Naphthalene

Concen: 159.913 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

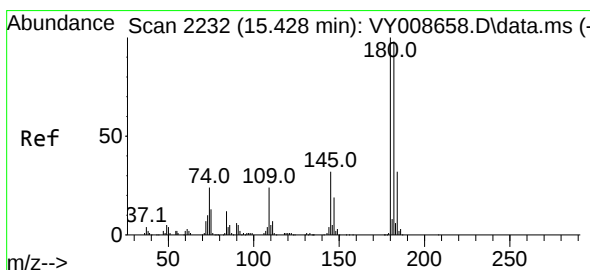
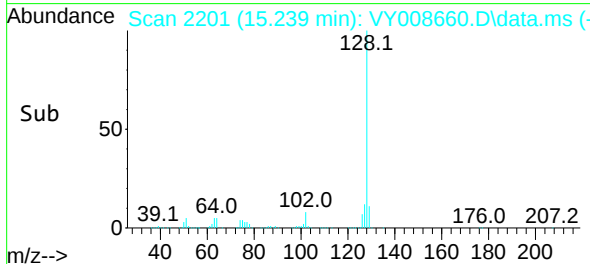
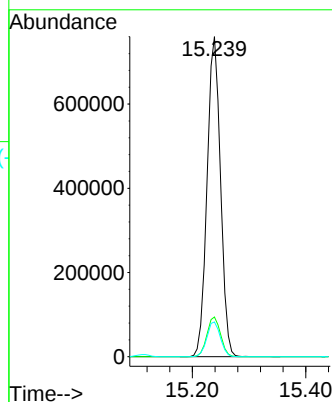
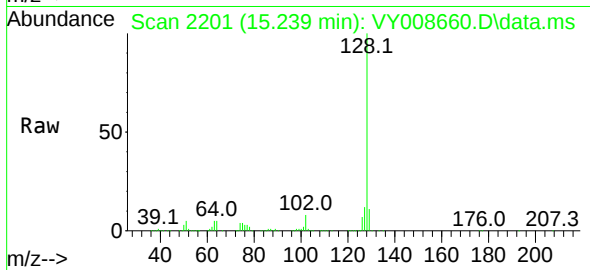
Tgt Ion:128 Resp: 1246113

Ion Ratio Lower Upper

128 100

127 12.6 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 159.480 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY008660.D

Acq: 09 May 2022 12:48

Tgt Ion:180 Resp: 513425

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 31.5 15.3 45.9

