

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010452.D
 Acq On : 13 Sep 2022 12:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 14 05:20:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	235942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	371664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	333403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170282	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	126262	53.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.260%	
35) Dibromofluoromethane	7.710	113	122107	46.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.520%	
50) Toluene-d8	10.173	98	457071	53.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.477	95	162445	47.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	84384	53.241	ug/l	99
3) Chloromethane	2.107	50	136380	51.449	ug/l	98
4) Vinyl Chloride	2.241	62	164504	50.302	ug/l	100
5) Bromomethane	2.637	94	104149	45.458	ug/l	96
6) Chloroethane	2.784	64	108623	49.658	ug/l	98
7) Trichlorofluoromethane	3.113	101	208082	50.230	ug/l	94
8) Diethyl Ether	3.521	74	66551	49.604	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	122883	50.664	ug/l	96
10) Methyl Iodide	4.076	142	143296	47.744	ug/l	92
11) Tert butyl alcohol	4.942	59	63083	248.979	ug/l	96
12) 1,1-Dichloroethene	3.857	96	112484	49.436	ug/l	88
13) Acrolein	3.717	56	61774	272.489	ug/l	96
14) Allyl chloride	4.466	41	174802	53.349	ug/l #	95
15) Acrylonitrile	5.149	53	171769	264.477	ug/l	98
16) Acetone	3.936	43	143924	263.915	ug/l	93
17) Carbon Disulfide	4.180	76	291214	47.328	ug/l	100
18) Methyl Acetate	4.466	43	81057	48.314	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	329045	52.366	ug/l	97
20) Methylene Chloride	4.704	84	138209	52.708	ug/l #	84
21) trans-1,2-Dichloroethene	5.204	96	127025	49.167	ug/l	88
22) Diisopropyl ether	6.106	45	392424	53.647	ug/l #	94
23) Vinyl Acetate	6.045	43	1225016	273.273	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	233570	52.742	ug/l	99
25) 2-Butanone	6.978	43	226598	261.459	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	224449	53.114	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	151477	50.440	ug/l	91
28) Bromochloromethane	7.326	49	80376	56.609	ug/l #	85
29) Tetrahydrofuran	7.338	42	142225	262.940	ug/l #	86
30) Chloroform	7.496	83	245213	52.202	ug/l	99
31) Cyclohexane	7.777	56	196145	48.859	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	222630	52.341	ug/l	96
36) 1,1-Dichloropropene	7.911	75	182035	50.375	ug/l	97
37) Ethyl Acetate	7.063	43	98276	51.734	ug/l #	94
38) Carbon Tetrachloride	7.893	117	200952	49.985	ug/l	98
39) Methylcyclohexane	9.179	83	221124	49.076	ug/l	90
40) Benzene	8.155	78	524273	50.399	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	134167	123.544	ug/l #	16
42) 1,2-Dichloroethane	8.228	62	156613	50.628	ug/l	93
43) Isopropyl Acetate	8.264	43	181432	52.188	ug/l #	91
44) Trichloroethene	8.935	130	147972	48.324	ug/l	99
45) 1,2-Dichloropropane	9.209	63	132358	52.171	ug/l	98
46) Dibromomethane	9.301	93	76000	49.675	ug/l	98
47) Bromodichloromethane	9.490	83	190772	52.497	ug/l	99
48) Methyl methacrylate	9.289	41	82071	52.564	ug/l #	85
49) 1,4-Dioxane	9.289	88	19330	954.450	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	500796	262.624	ug/l	91
52) Toluene	10.240	92	340377	50.002	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	192786	51.550	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	215389	51.063	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	108770	49.979	ug/l	98
56) Ethyl methacrylate	10.508	69	147538	51.620	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	183132	50.607	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	175790	220.920	ug/l	95
59) 2-Hexanone	10.831	43	346731	266.748	ug/l	89
60) Dibromochloromethane	10.983	129	134075	50.414	ug/l	100
61) 1,2-Dibromoethane	11.087	107	103552	49.015	ug/l	99
64) Tetrachloroethene	10.715	164	143385	47.714	ug/l	96
65) Chlorobenzene	11.514	112	368535	49.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	140406	50.844	ug/l	98
67) Ethyl Benzene	11.587	91	666547	50.511	ug/l	99
68) m/p-Xylenes	11.697	106	523798	101.107	ug/l	93
69) o-Xylene	12.026	106	250378	50.615	ug/l	93
70) Styrene	12.044	104	423650	50.601	ug/l	96
71) Bromoform	12.209	173	84683	49.049	ug/l #	98
73) Isopropylbenzene	12.325	105	670338	50.454	ug/l	100
74) N-amyl acetate	12.142	43	167780	54.124	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	123840	49.828	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	167790	89.281	ug/l #	100
77) Bromobenzene	12.605	156	154732	49.149	ug/l	95
78) n-propylbenzene	12.672	91	805820	51.219	ug/l	98
79) 2-Chlorotoluene	12.751	91	449953	50.913	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	567083	50.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	43256	51.105	ug/l	91
82) 4-Chlorotoluene	12.855	91	470236	51.146	ug/l	99
83) tert-Butylbenzene	13.075	119	500081	51.038	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	561195	51.164	ug/l	98
85) sec-Butylbenzene	13.251	105	741482	51.107	ug/l	99
86) p-Isopropyltoluene	13.367	119	627437	51.127	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	311392	49.257	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	307955	49.194	ug/l	99
89) n-Butylbenzene	13.696	91	580416	52.104	ug/l	99
90) Hexachloroethane	13.959	117	116270	50.461	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	278574	49.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21046	50.169	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	170217	48.947	ug/l	99
94) Hexachlorobutadiene	15.111	225	100813	48.046	ug/l	98
95) Naphthalene	15.233	128	349638	50.974	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	148229	48.828	ug/l	99

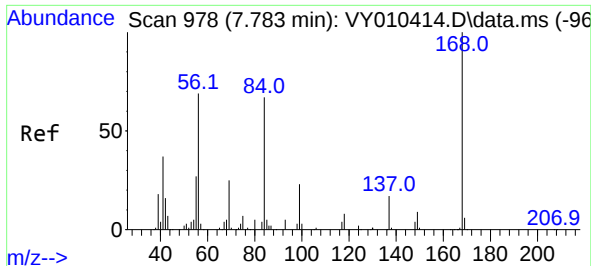
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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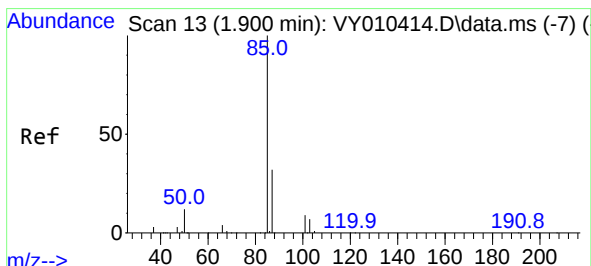
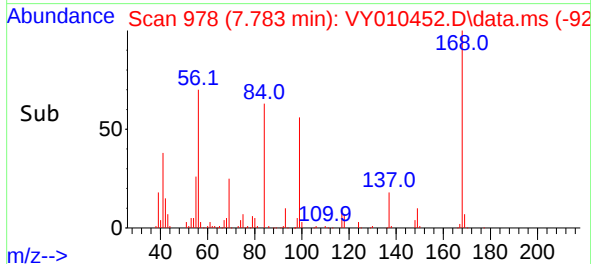
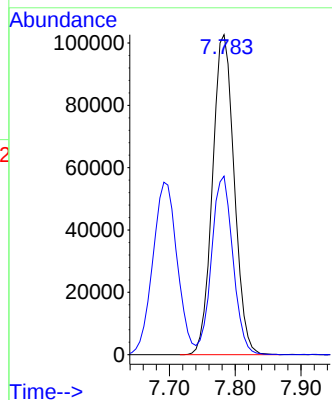
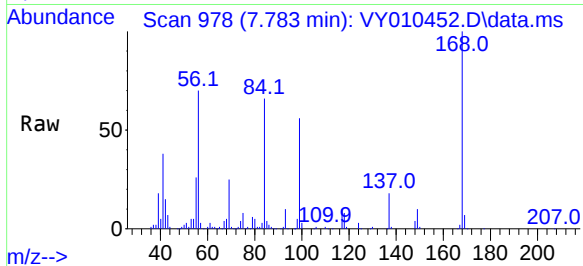
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010452.D
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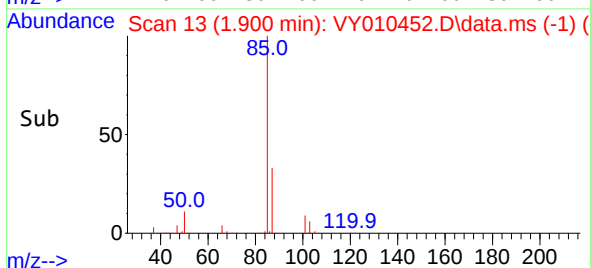
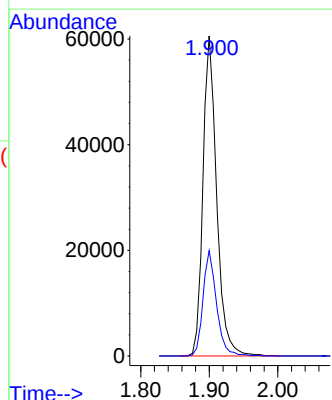
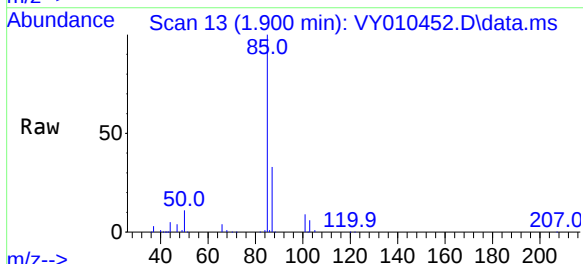
Instrument :
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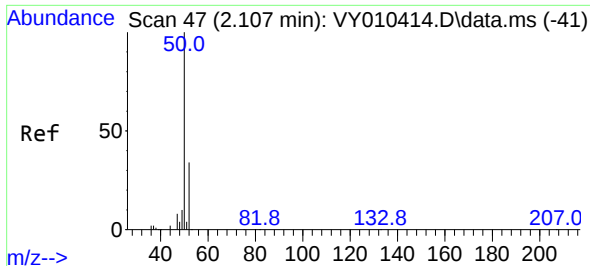
Tgt Ion:168 Resp: 235942
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 53.241 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 85 Resp: 84384
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

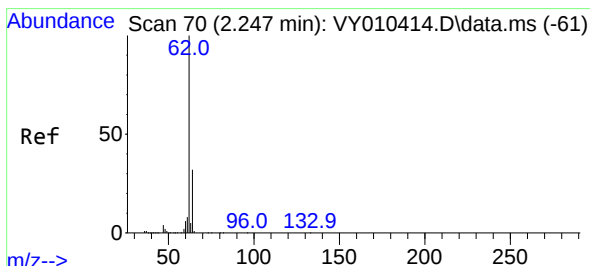
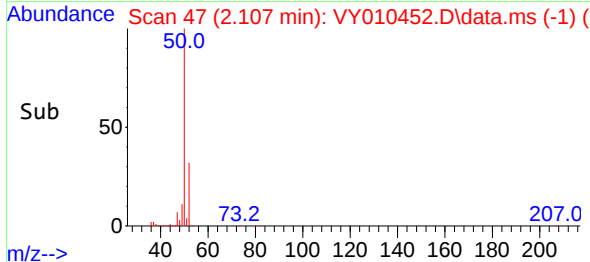
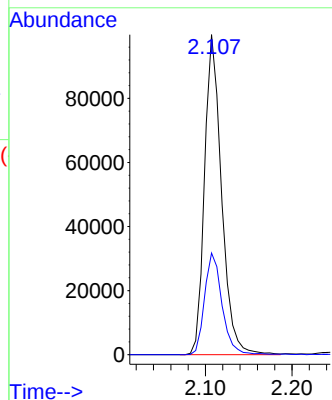
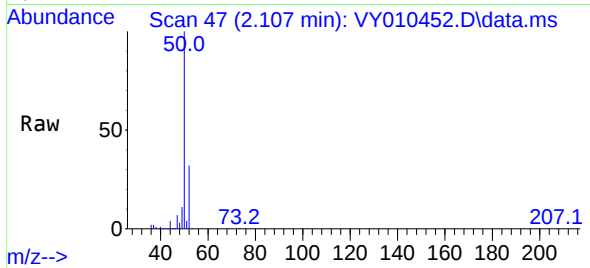




#3
Chloromethane
Concen: 51.449 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

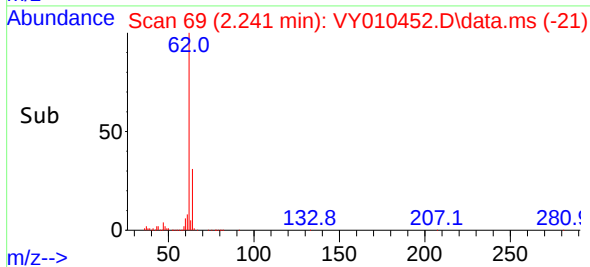
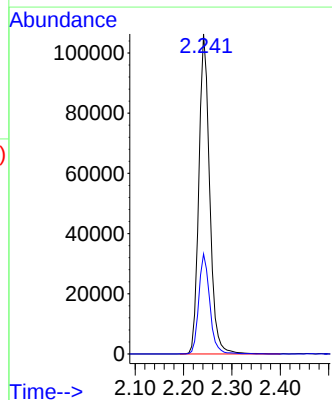
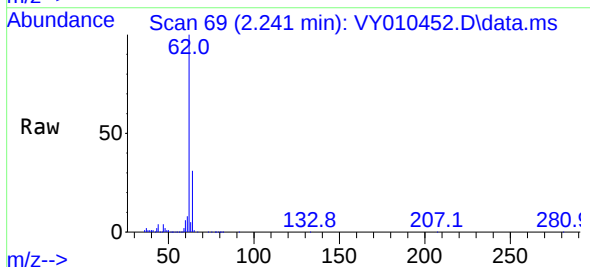
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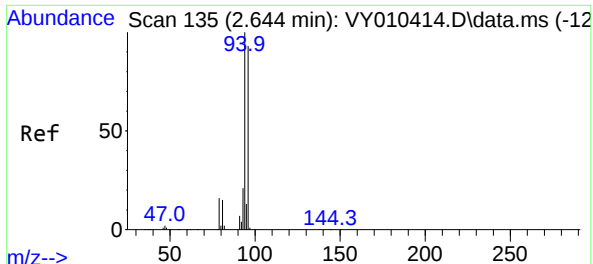
Tgt Ion: 50 Resp: 136380
Ion Ratio Lower Upper
50 100
52 31.8 24.6 37.0



#4
Vinyl Chloride
Concen: 50.302 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 62 Resp: 164504
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6

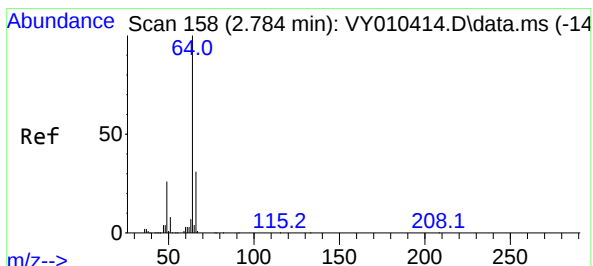
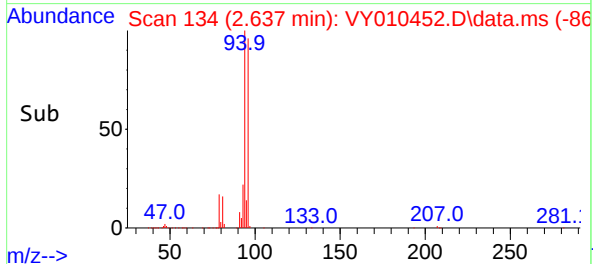
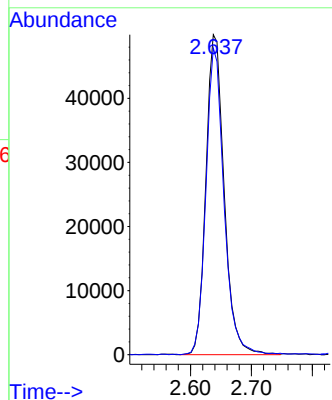
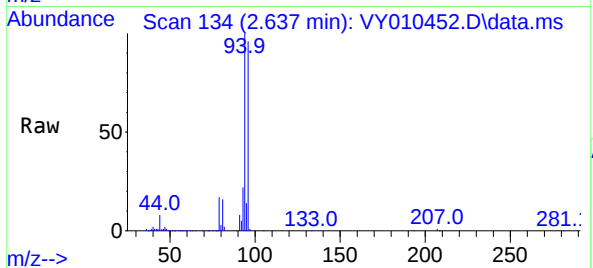




#5
Bromomethane
Concen: 45.458 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

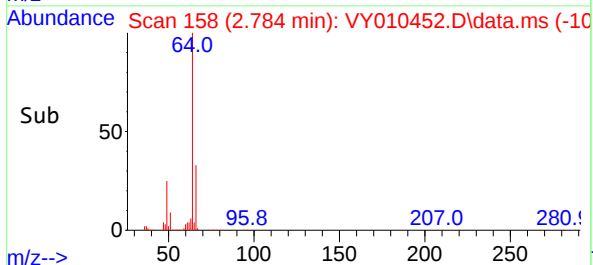
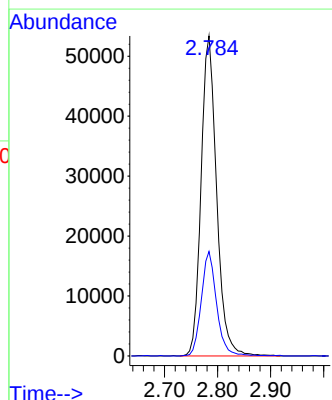
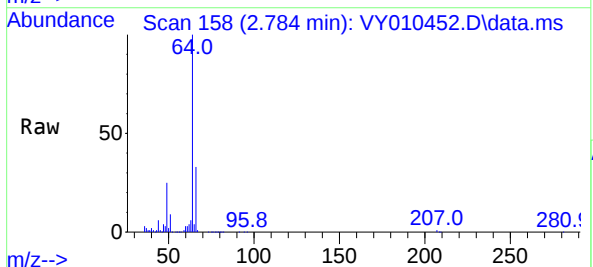
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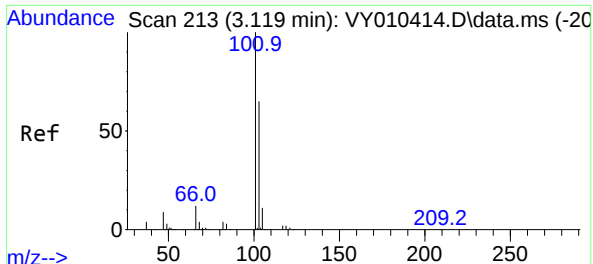
Tgt Ion: 94 Resp: 104149
Ion Ratio Lower Upper
94 100
96 95.8 73.5 110.3



#6
Chloroethane
Concen: 49.658 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 64 Resp: 108623
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

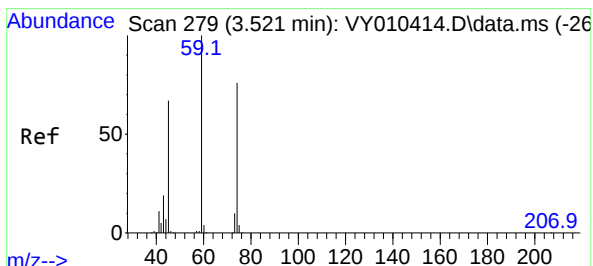
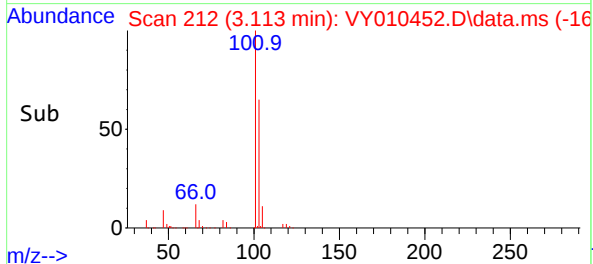
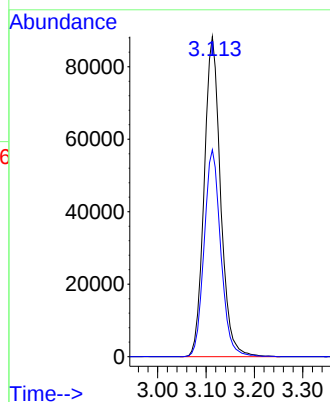
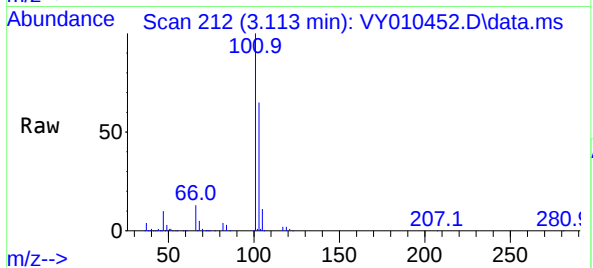




#7
Trichlorofluoromethane
Concen: 50.230 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

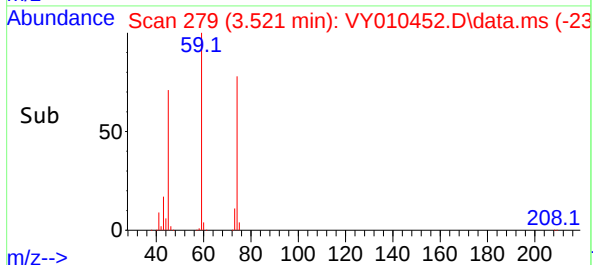
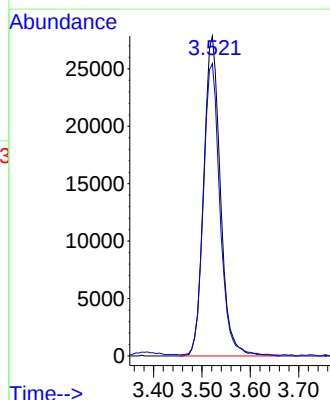
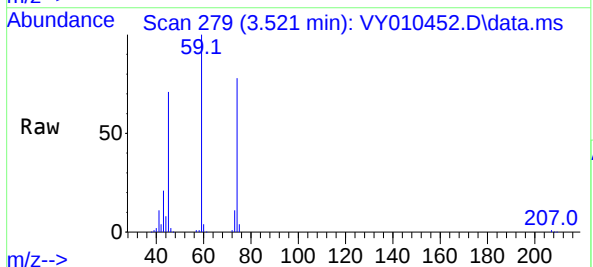
Instrument :
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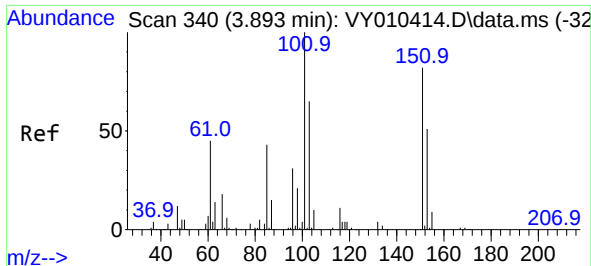
Tgt Ion:101 Resp: 208082
Ion Ratio Lower Upper
101 100
103 64.7 48.0 72.0



#8
Diethyl Ether
Concen: 49.604 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 74 Resp: 66551
Ion Ratio Lower Upper
74 100
45 90.6 55.1 165.5

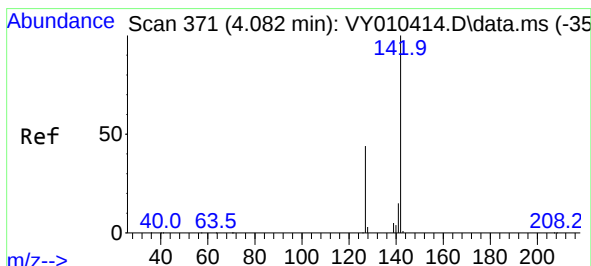
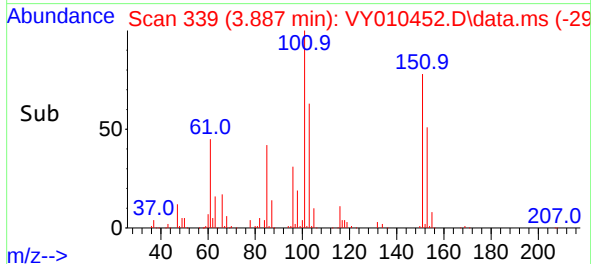
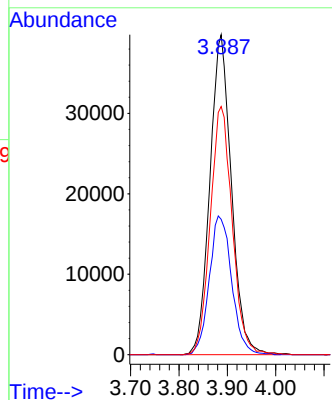
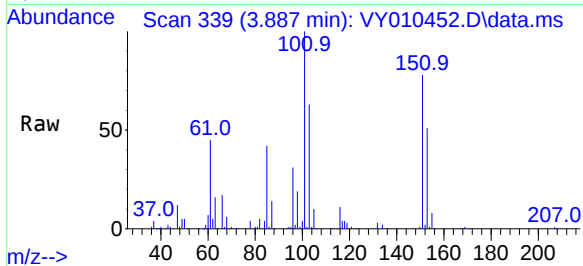




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.664 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY010452.D
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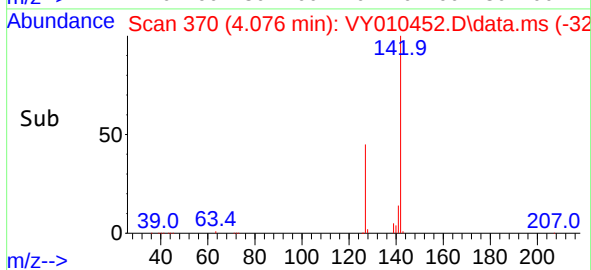
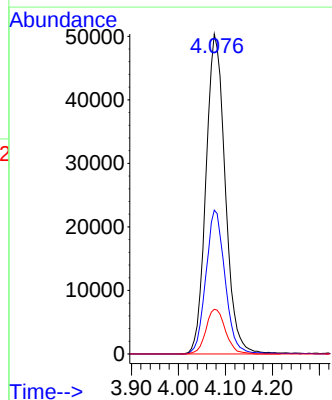
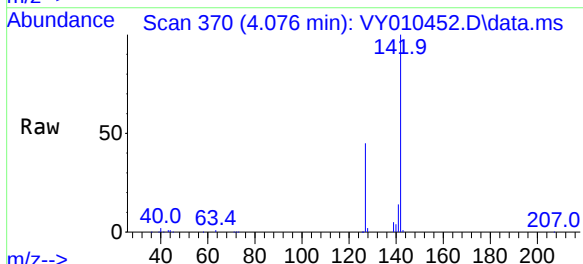
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

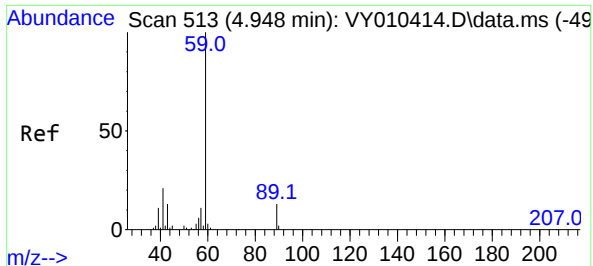
Tgt Ion:101 Resp: 122883
Ion Ratio Lower Upper
101 100
85 45.1 40.6 60.8
151 79.3 64.9 97.3



#10
Methyl Iodide
Concen: 47.744 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:142 Resp: 143296
Ion Ratio Lower Upper
142 100
127 44.8 41.5 62.3
141 14.1 11.9 17.9





#11

Tert butyl alcohol

Concen: 248.979 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

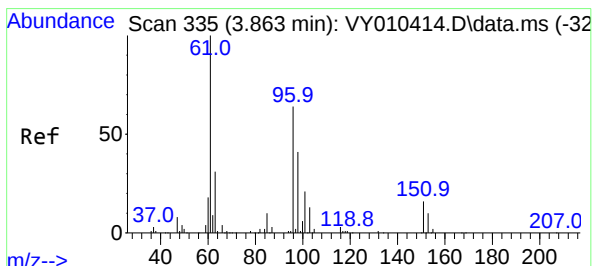
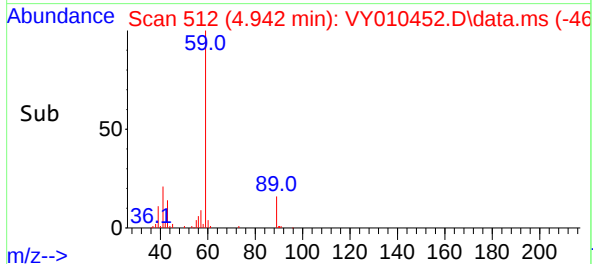
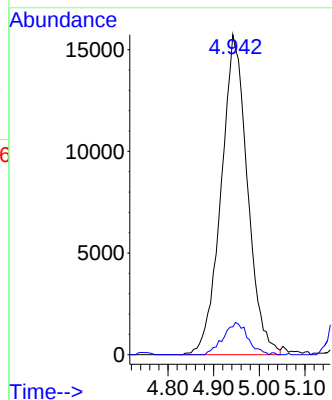
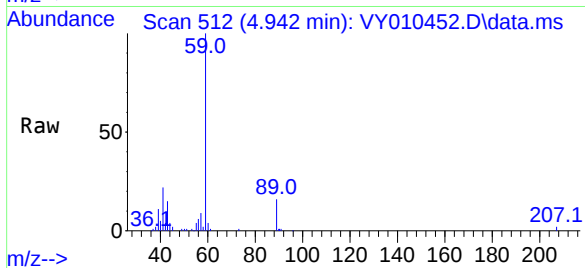
VSTDCCC050

Tgt Ion: 59 Resp: 63083

Ion Ratio Lower Upper

59 100

57 9.3 6.4 9.6



#12

1,1-Dichloroethene

Concen: 49.436 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

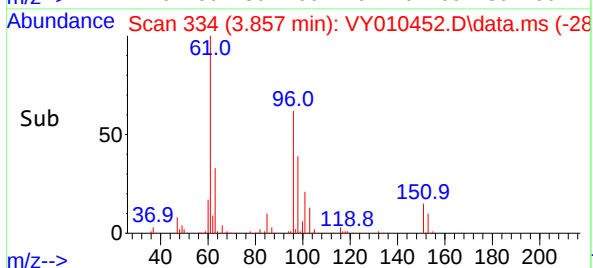
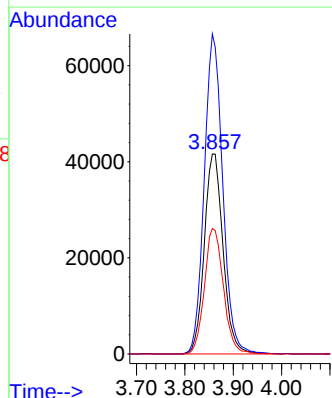
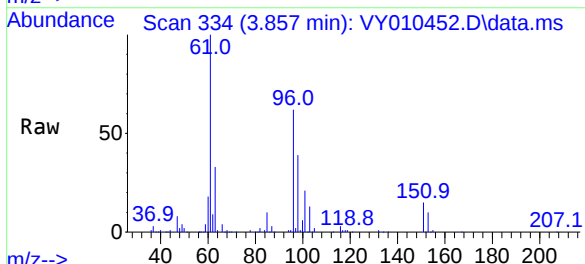
Tgt Ion: 96 Resp: 112484

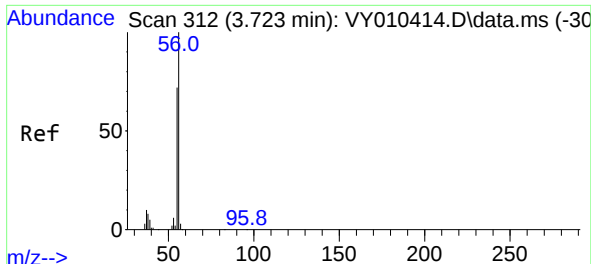
Ion Ratio Lower Upper

96 100

61 160.0 145.8 218.6

98 62.7 52.5 78.7

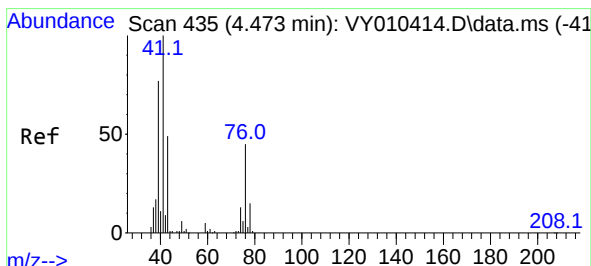
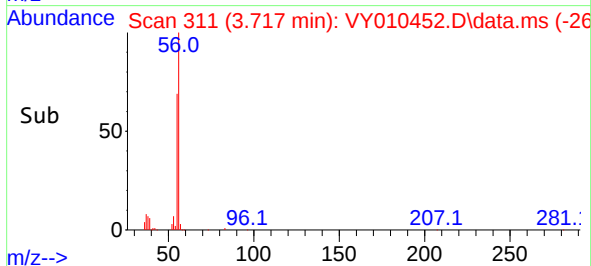
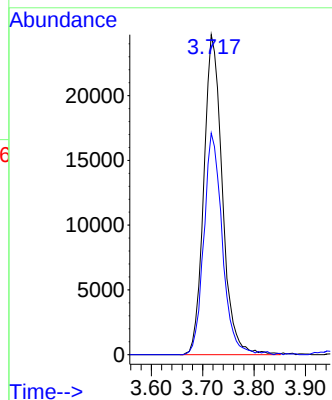
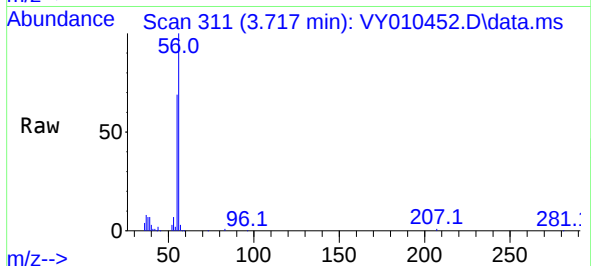




#13
Acrolein
Concen: 272.489 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

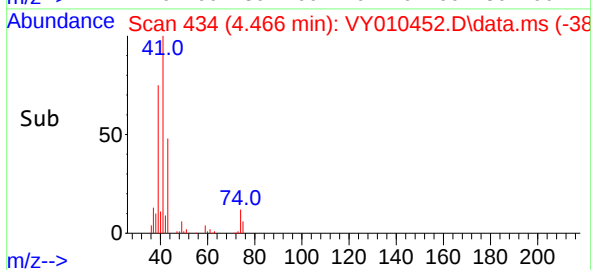
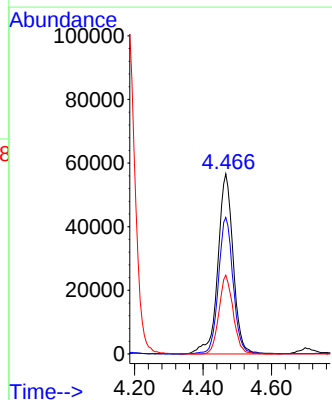
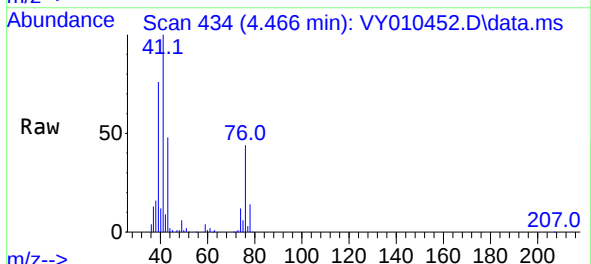
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

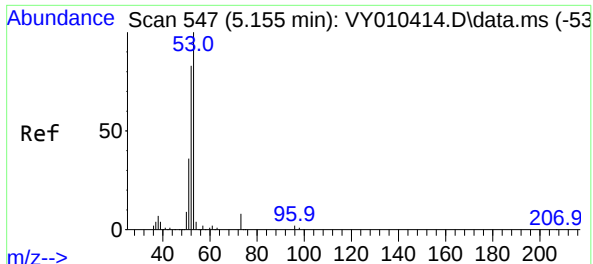
Tgt Ion: 56 Resp: 61774
Ion Ratio Lower Upper
56 100
55 69.0 57.6 86.4



#14
Allyl chloride
Concen: 53.349 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 41 Resp: 174802
Ion Ratio Lower Upper
41 100
39 72.9 58.8 88.2
76 40.4 25.1 37.7#

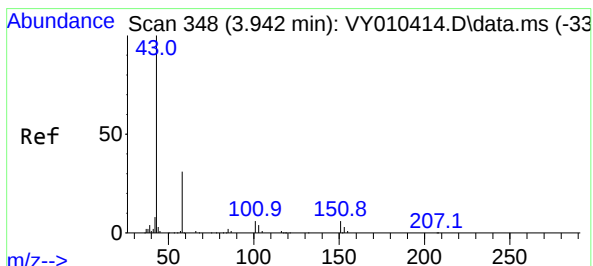
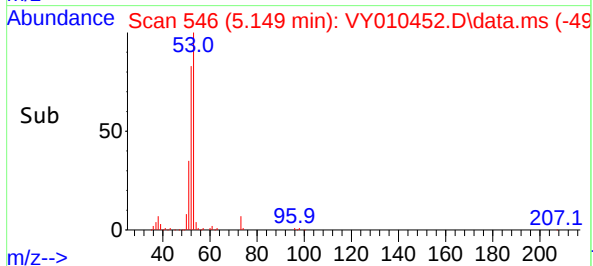
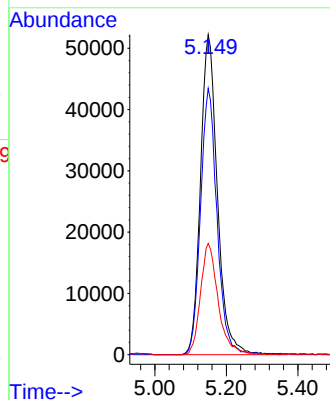
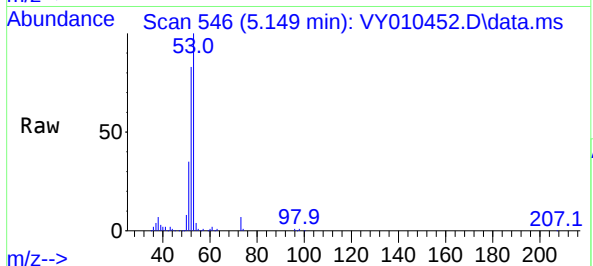




#15
Acrylonitrile
Concen: 264.477 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

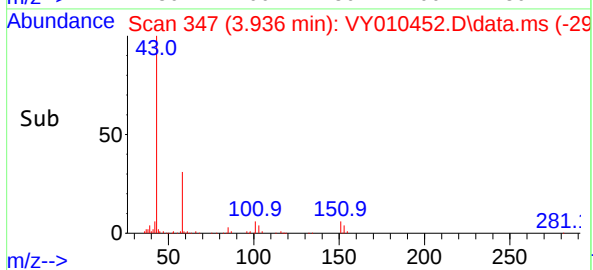
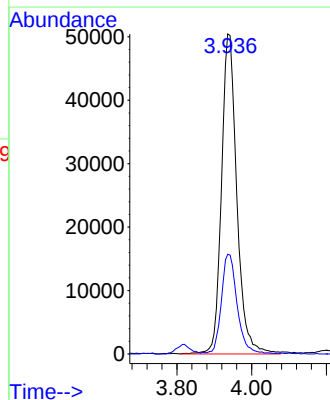
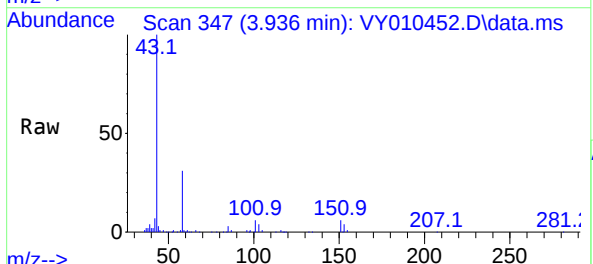
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

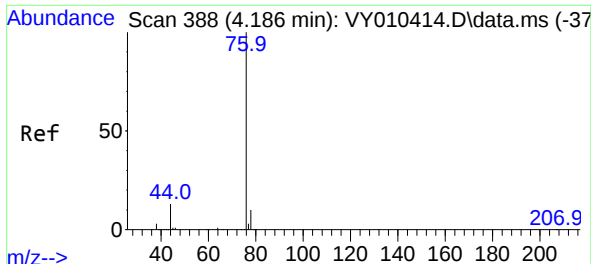
Tgt Ion: 53 Resp: 171769
Ion Ratio Lower Upper
53 100
52 81.0 67.0 100.4
51 36.3 29.8 44.6



#16
Acetone
Concen: 263.915 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 43 Resp: 143924
Ion Ratio Lower Upper
43 100
58 31.0 22.0 33.0

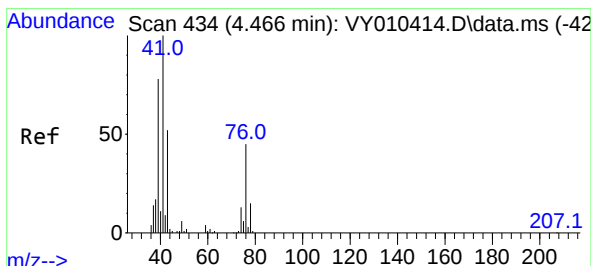
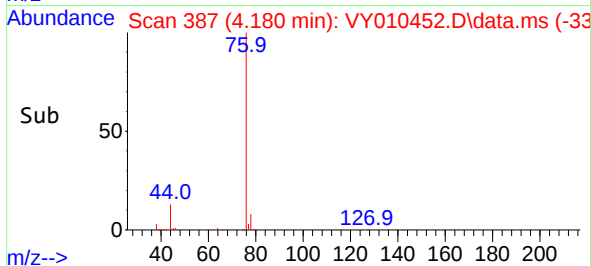
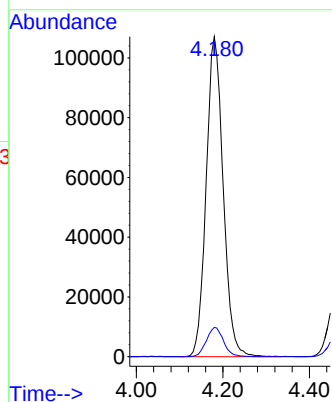
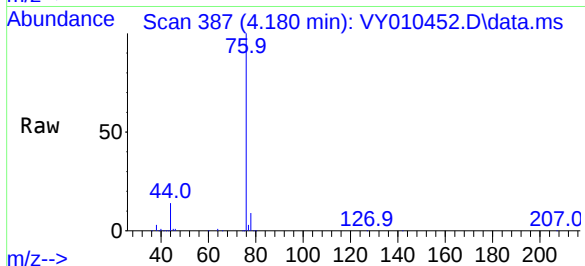




#17
Carbon Disulfide
Concen: 47.328 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

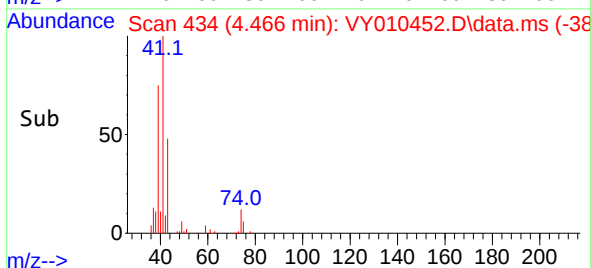
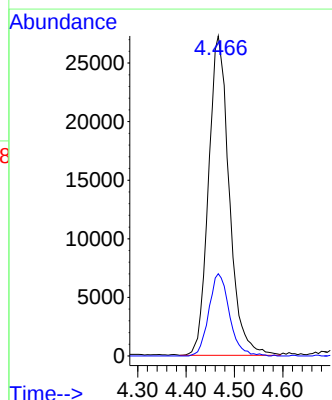
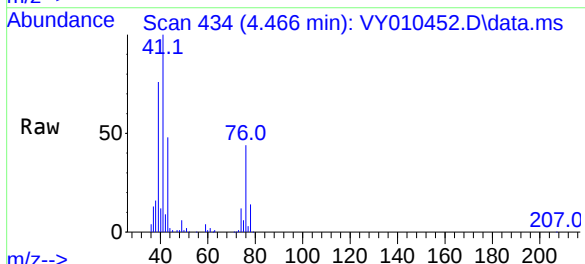
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

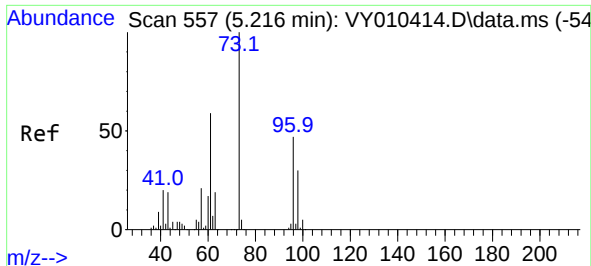
Tgt Ion: 76 Resp: 291214
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 48.314 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 43 Resp: 81057
Ion Ratio Lower Upper
43 100
74 25.6 16.6 24.8#

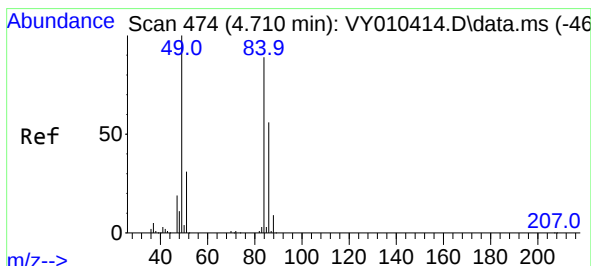
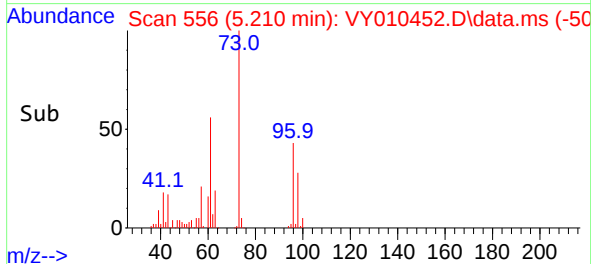
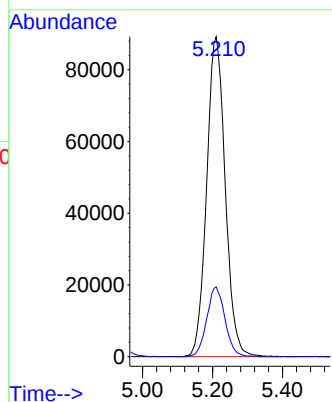
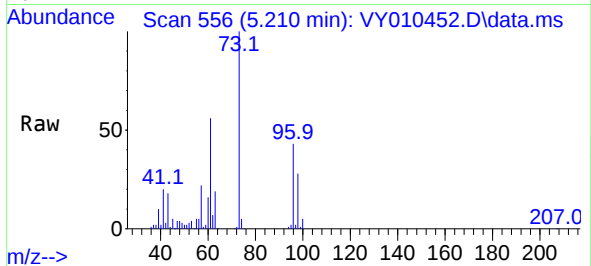




#19
Methyl tert-butyl Ether
Concen: 52.366 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

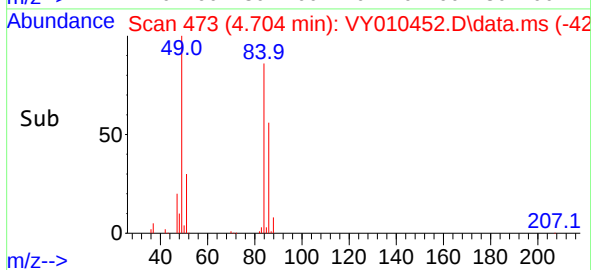
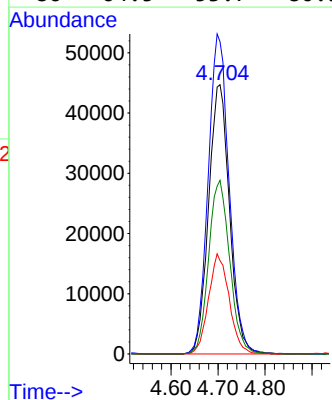
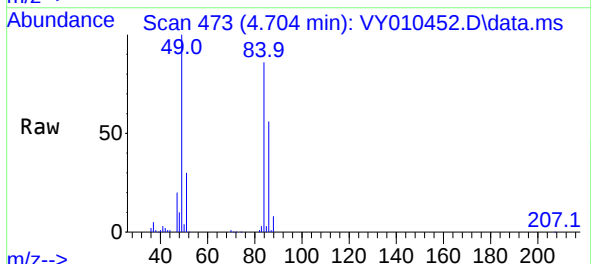
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

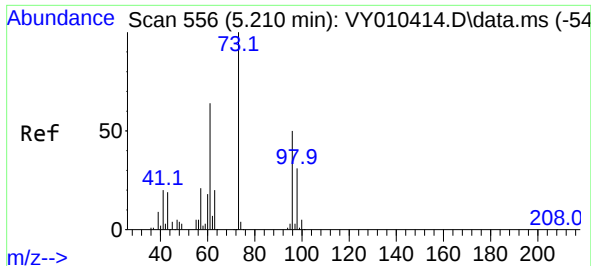
Tgt Ion: 73 Resp: 329045
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8



#20
Methylene Chloride
Concen: 52.708 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 84 Resp: 138209
Ion Ratio Lower Upper
84 100
49 116.0 114.4 171.6
51 34.6 35.3 52.9#
86 64.5 53.7 80.5

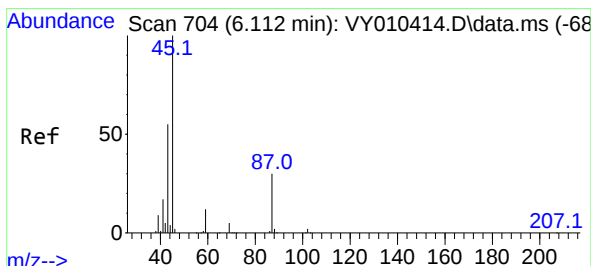
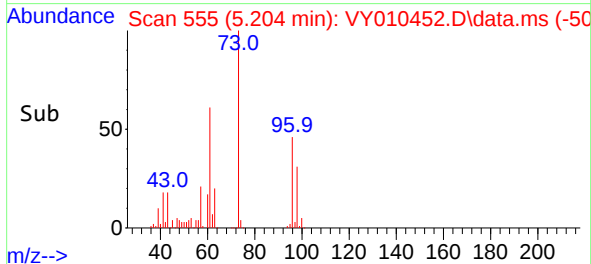
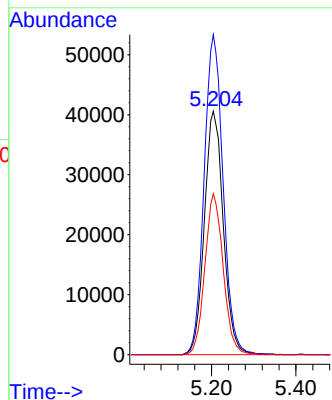
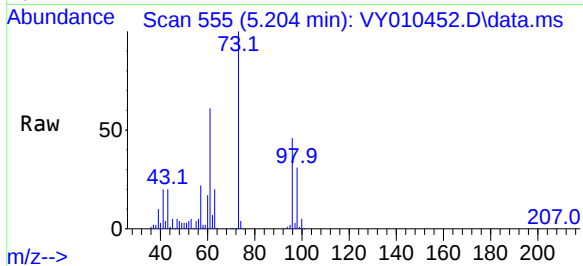




#21
trans-1,2-Dichloroethene
Concen: 49.167 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

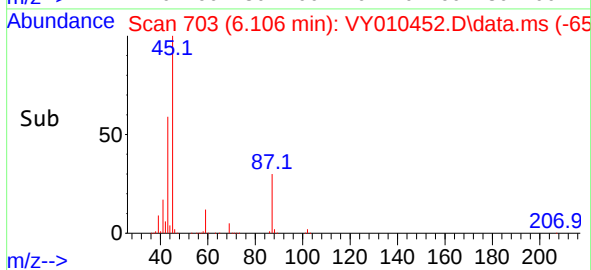
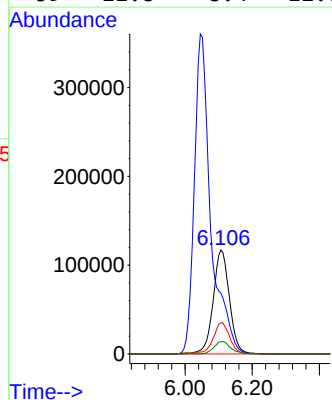
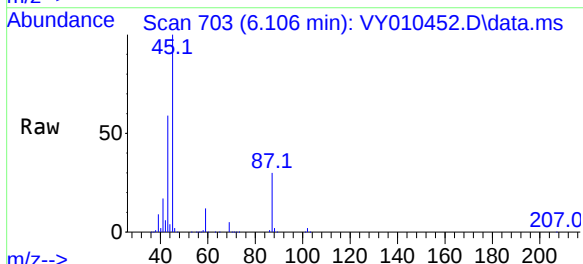
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

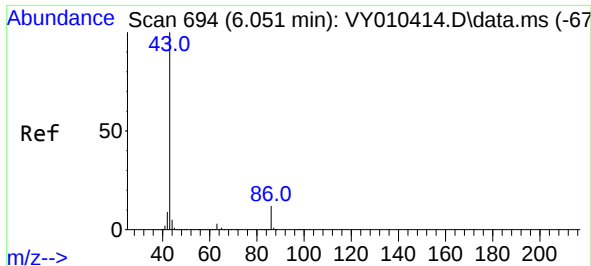
Tgt Ion: 96 Resp: 127025
Ion Ratio Lower Upper
96 100
61 131.4 120.5 180.7
98 66.1 49.8 74.8



#22
Diisopropyl ether
Concen: 53.647 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 45 Resp: 392424
Ion Ratio Lower Upper
45 100
43 58.4 49.3 73.9
87 29.9 19.2 28.8#
59 11.8 8.4 12.6

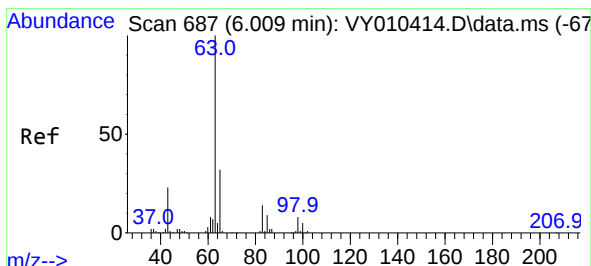
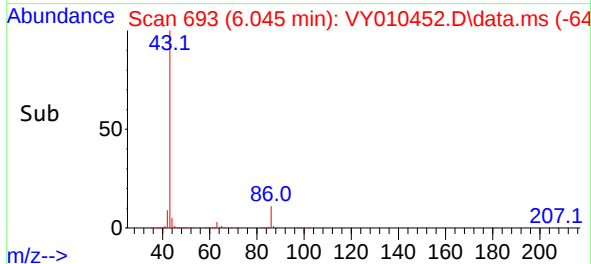
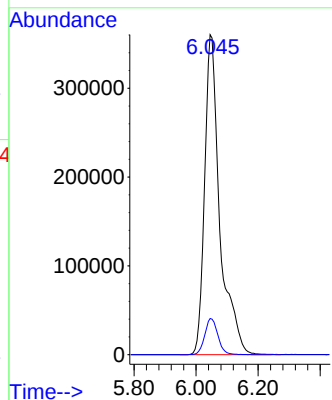
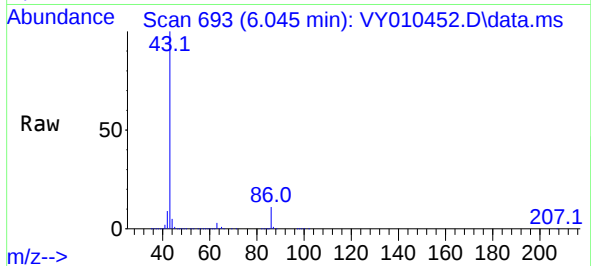




#23
 Vinyl Acetate
 Concen: 273.273 ug/l
 RT: 6.045 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY010452.D
 Acq: 13 Sep 2022 12:05

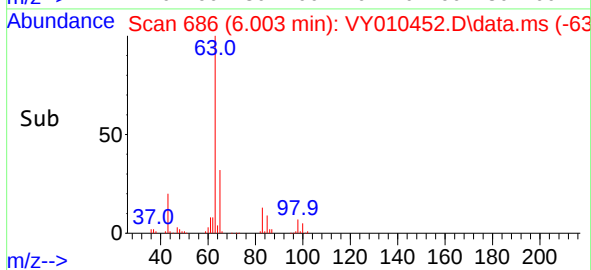
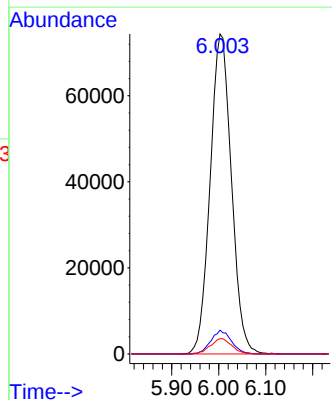
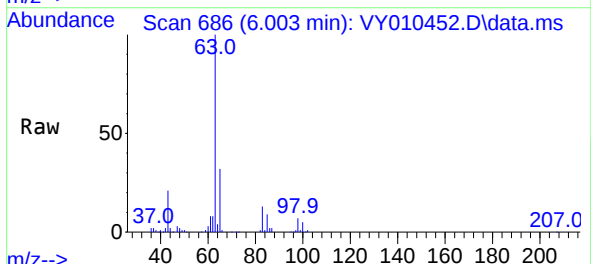
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

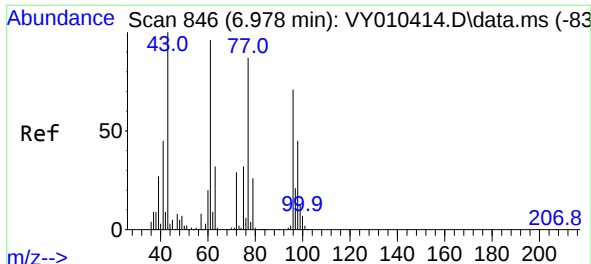
Tgt Ion: 43 Resp: 1225016
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.742 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY010452.D
 Acq: 13 Sep 2022 12:05

Tgt Ion: 63 Resp: 233570
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.8 2.0 5.8





#25

2-Butanone

Concen: 261.459 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

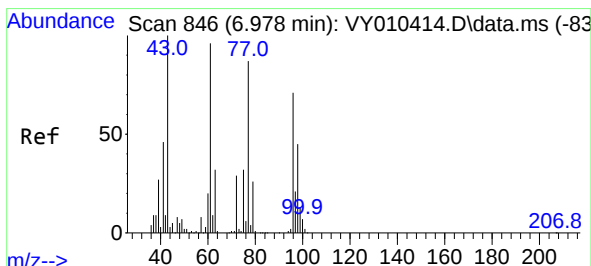
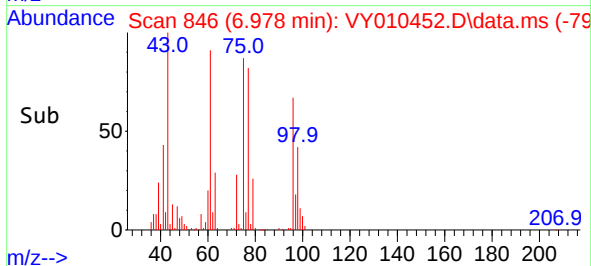
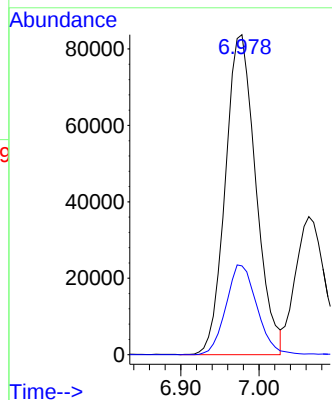
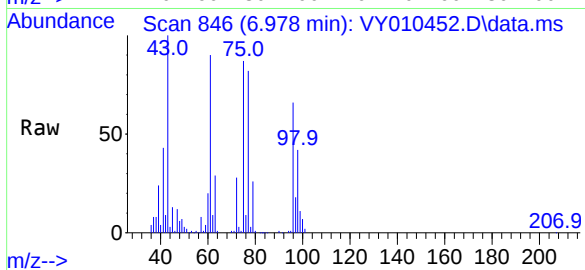
VSTDCCC050

Tgt Ion: 43 Resp: 226598

Ion Ratio Lower Upper

43 100

72 27.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 53.114 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010452.D

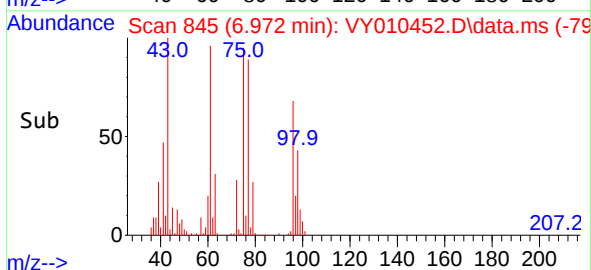
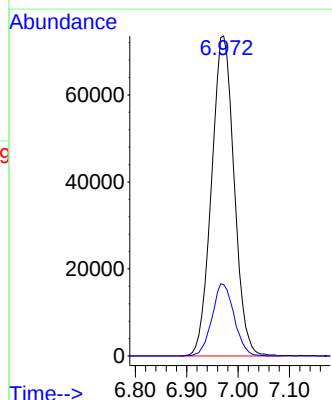
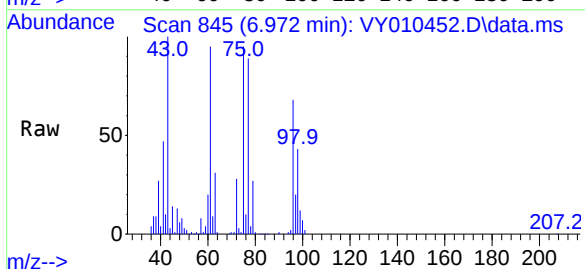
Acq: 13 Sep 2022 12:05

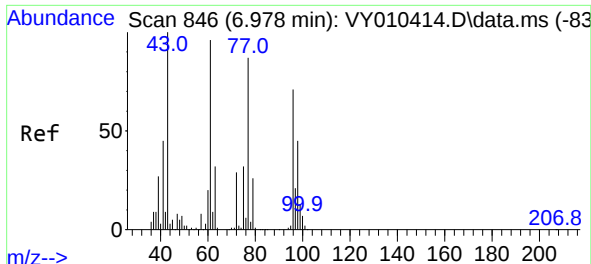
Tgt Ion: 77 Resp: 224449

Ion Ratio Lower Upper

77 100

97 22.1 10.4 31.4



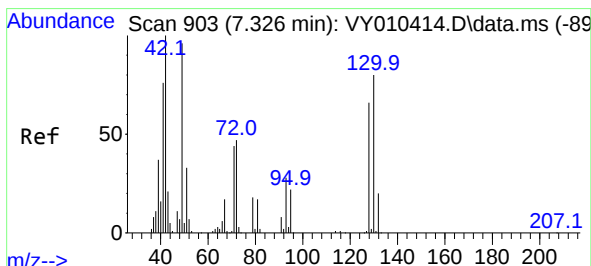
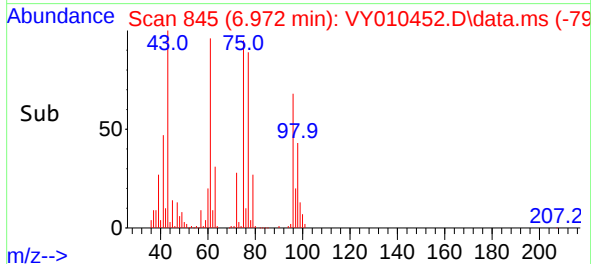
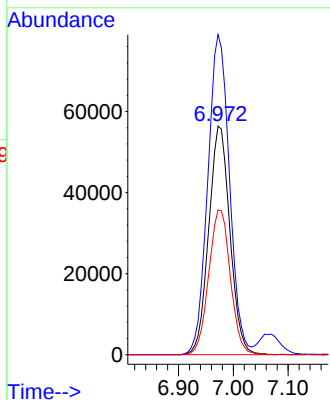
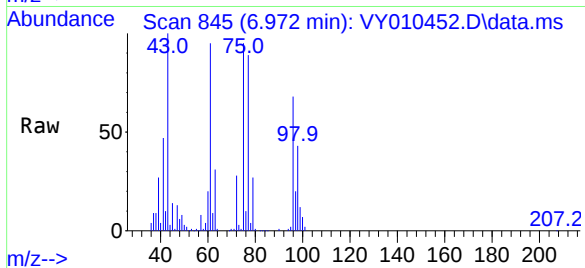


#27
 cis-1,2-Dichloroethene
 Concen: 50.440 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY010452.D
 Acq: 13 Sep 2022 12:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 151477

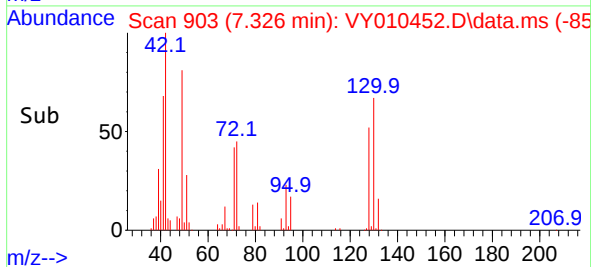
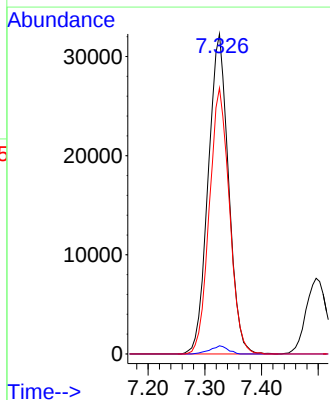
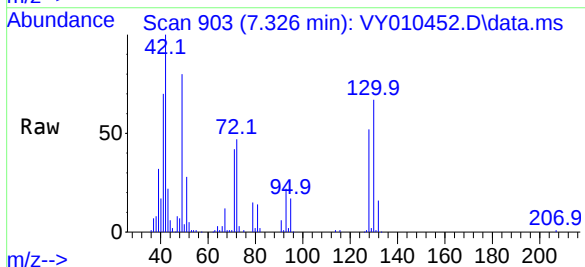
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	319.8
98	64.5	0.0	127.0

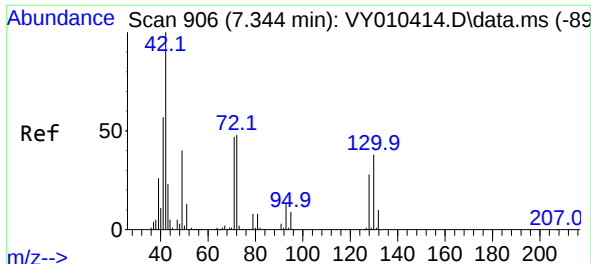


#28
 Bromochloromethane
 Concen: 56.609 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY010452.D
 Acq: 13 Sep 2022 12:05

Tgt Ion: 49 Resp: 80376

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2#
130	81.9	55.4	83.0





#29

Tetrahydrofuran

Concen: 262.940 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

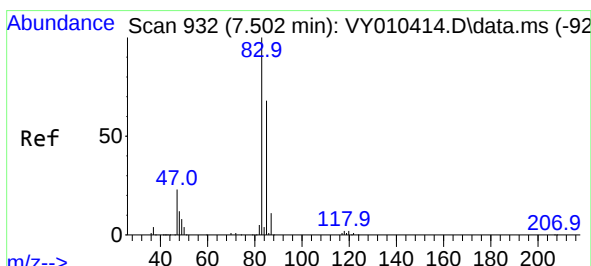
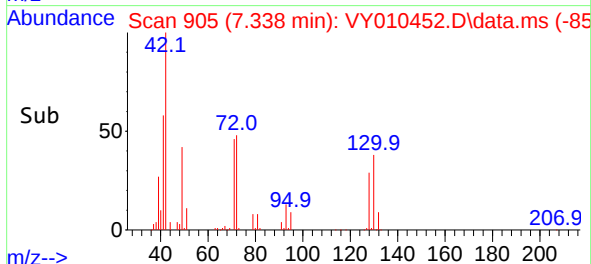
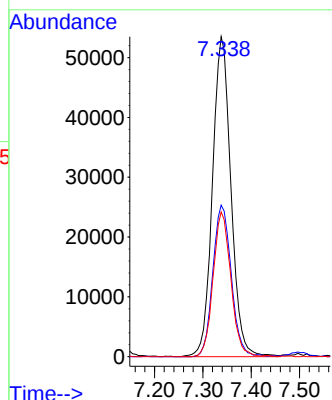
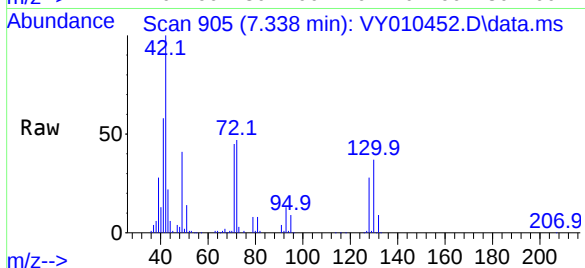
Tgt Ion: 42 Resp: 142225

Ion Ratio Lower Upper

42 100

72 47.1 30.3 45.5#

71 43.2 29.0 43.4



#30

Chloroform

Concen: 52.202 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY010452.D

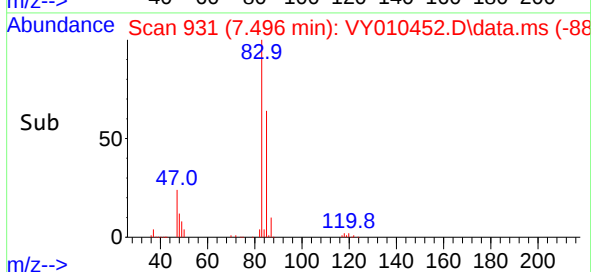
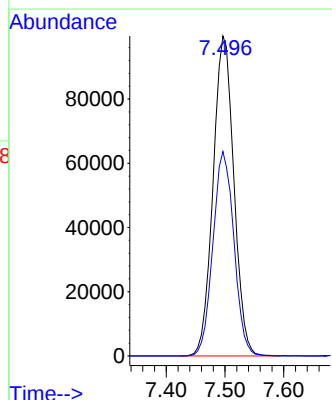
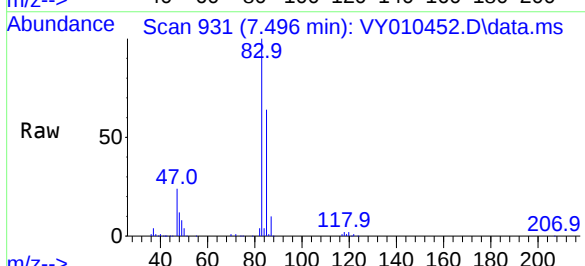
Acq: 13 Sep 2022 12:05

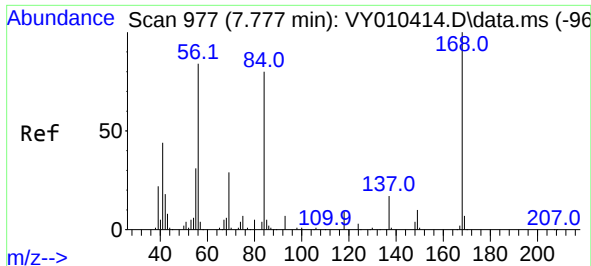
Tgt Ion: 83 Resp: 245213

Ion Ratio Lower Upper

83 100

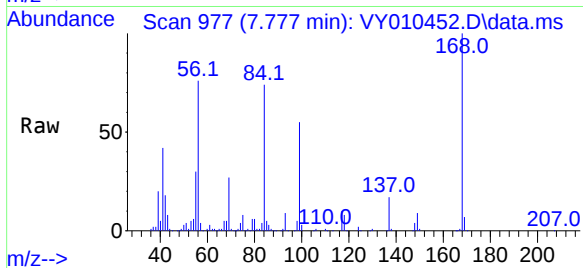
85 63.9 51.8 77.6



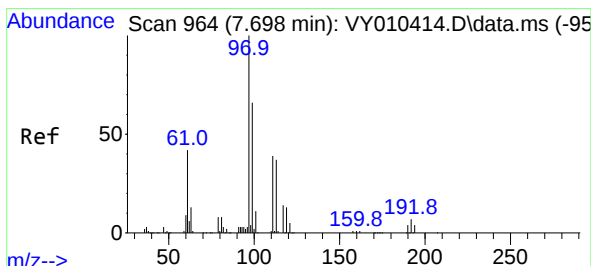
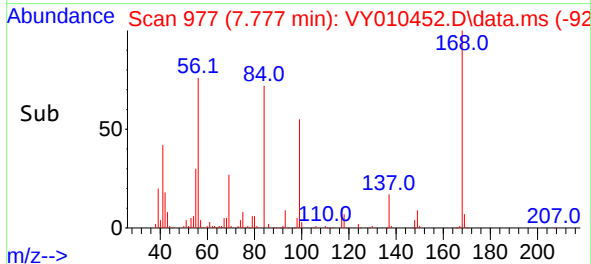
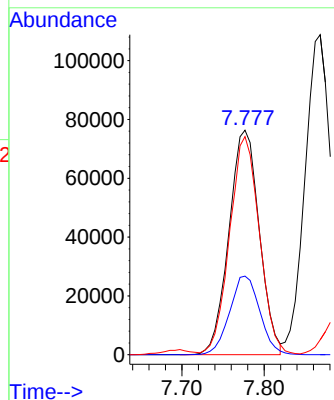


#31
Cyclohexane
Concen: 48.859 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

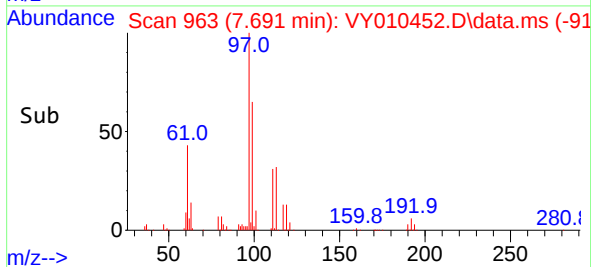
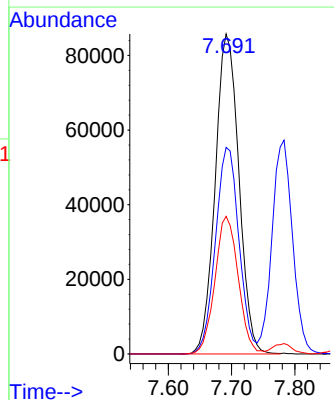
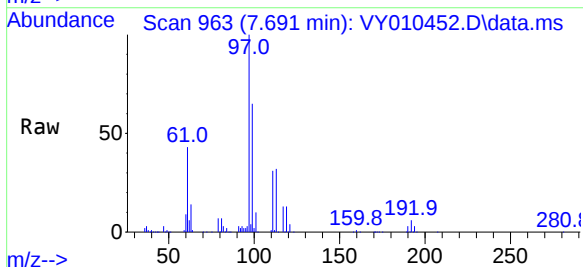


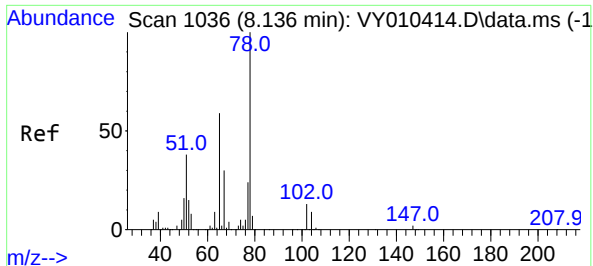
Tgt Ion: 56 Resp: 196145
Ion Ratio Lower Upper
56 100
69 35.0 26.7 40.1
84 94.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.341 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.007 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 97 Resp: 222630
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 42.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 53.133 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

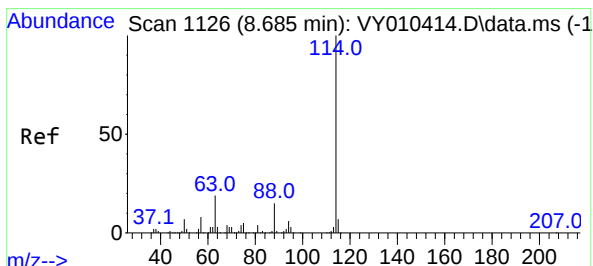
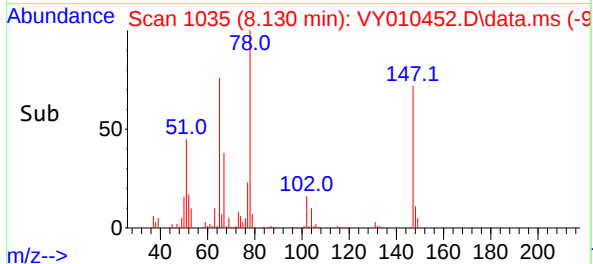
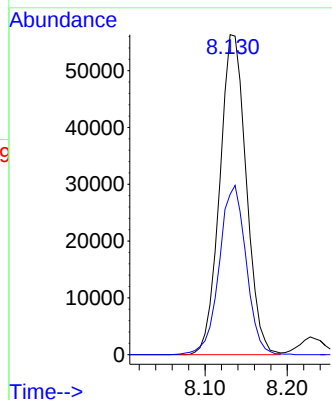
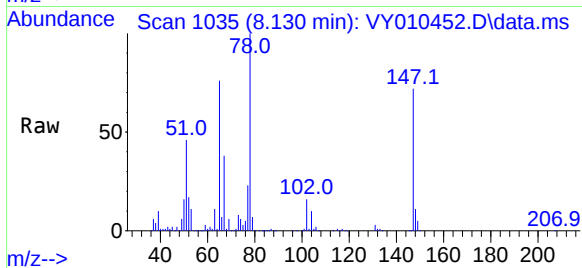
VSTDCCC050

Tgt Ion: 65 Resp: 126262

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

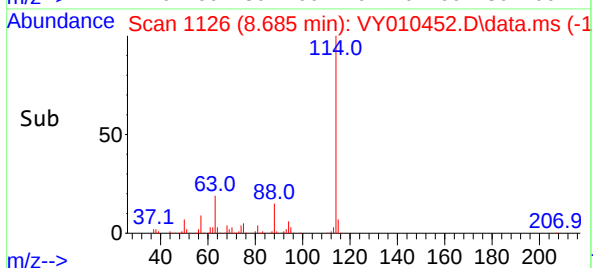
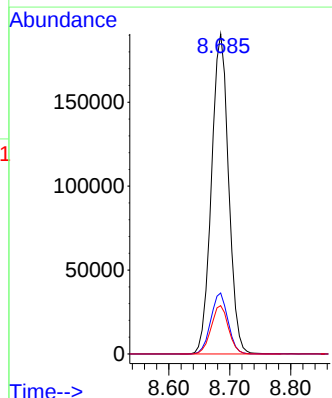
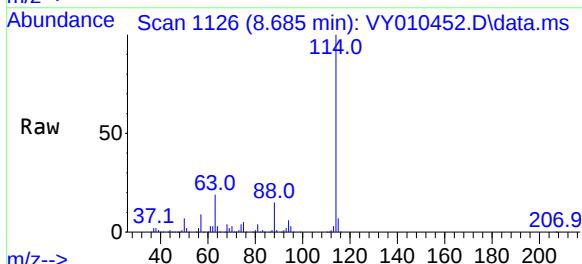
Tgt Ion: 114 Resp: 371664

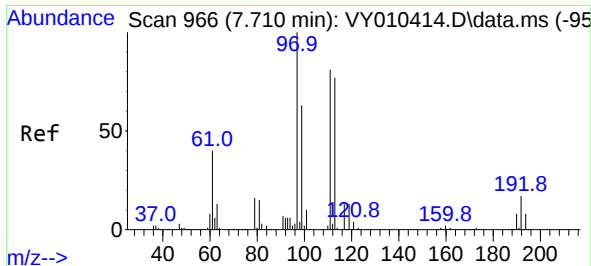
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.1 0.0 31.8

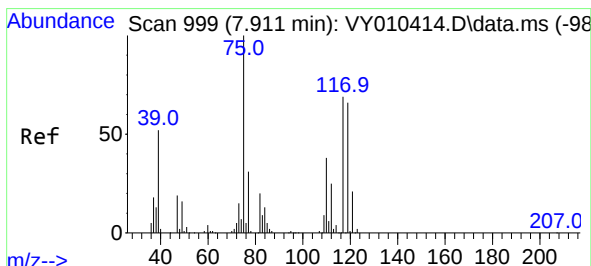
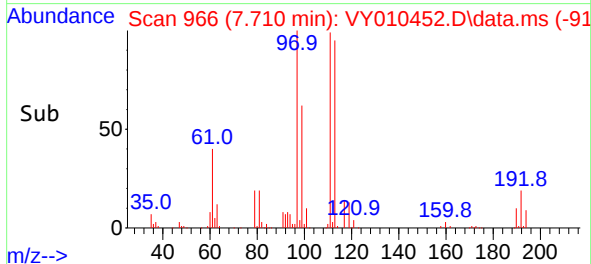
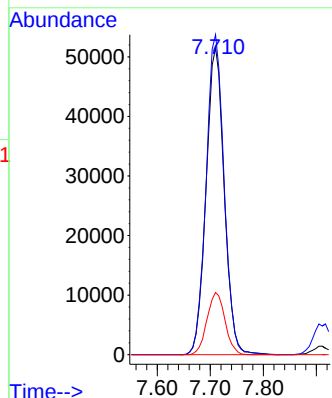
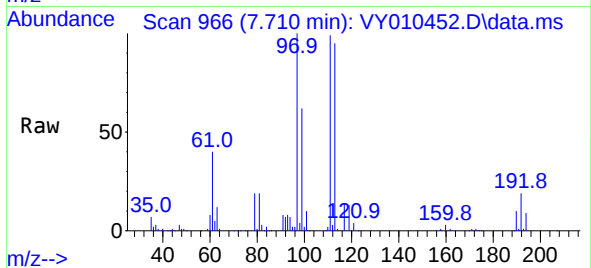




#35
Dibromofluoromethane
Concen: 46.260 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

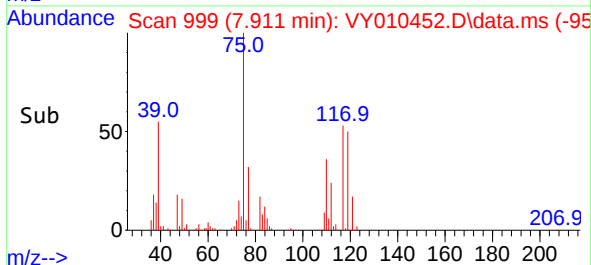
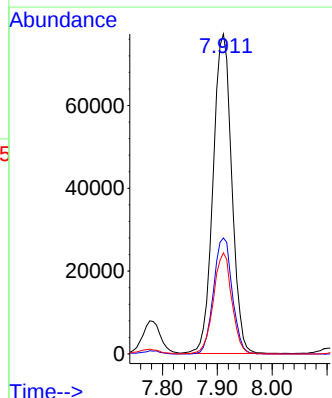
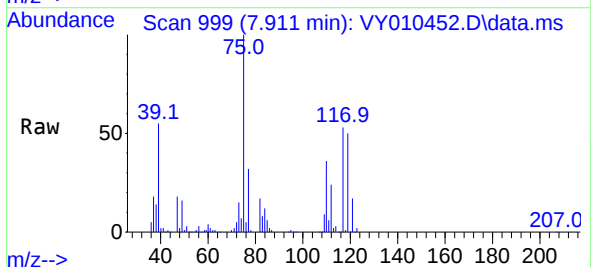
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

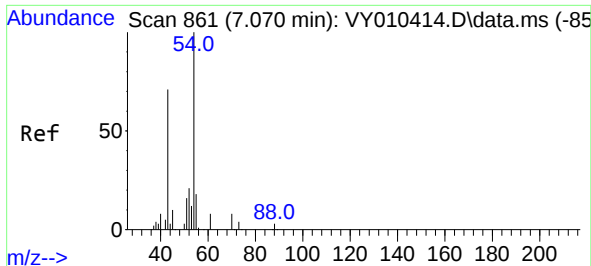
Tgt Ion:113 Resp: 122107
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.375 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 75 Resp: 182035
Ion Ratio Lower Upper
75 100
110 36.3 17.1 51.2
77 31.3 24.4 36.6

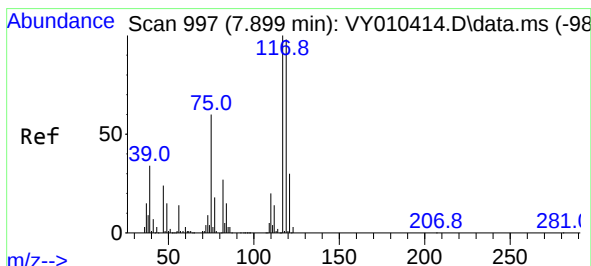
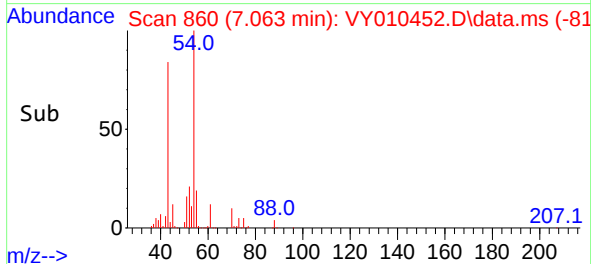
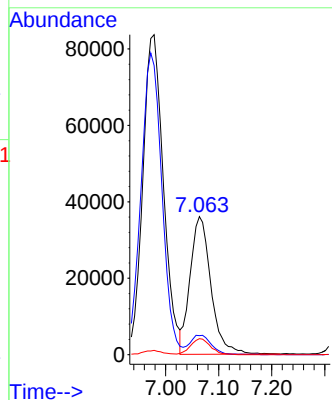
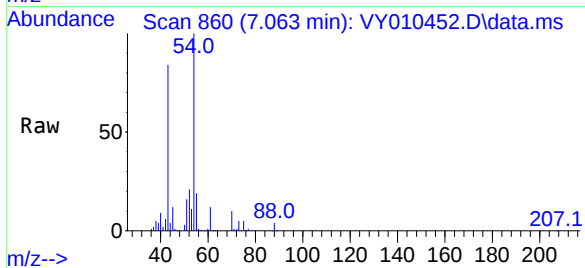




#37
Ethyl Acetate
Concen: 51.734 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.007 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

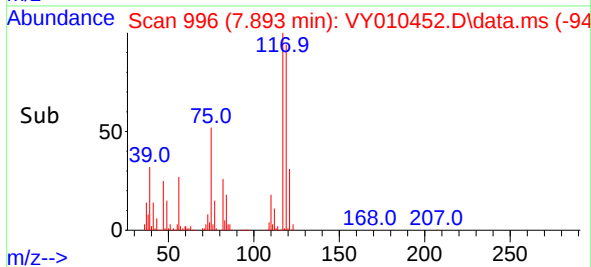
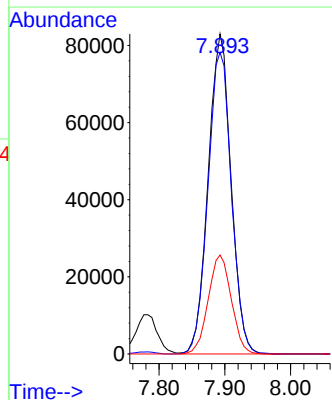
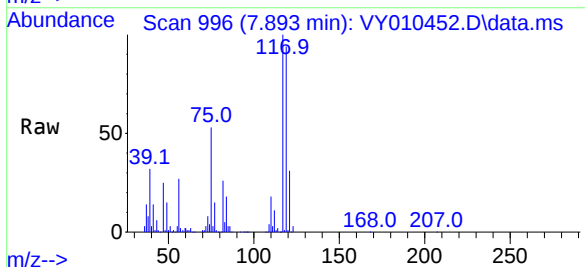
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

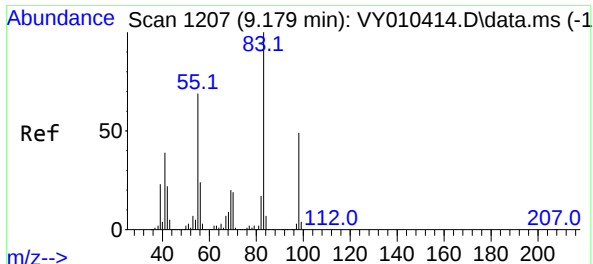
Tgt Ion: 43 Resp: 98276
Ion Ratio Lower Upper
43 100
61 14.1 9.7 14.5
70 11.1 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 49.985 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 117 Resp: 200952
Ion Ratio Lower Upper
117 100
119 94.3 77.9 116.9
121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 49.076 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

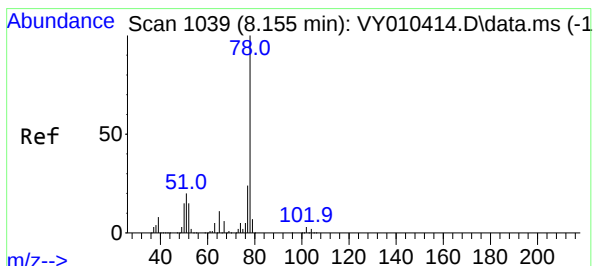
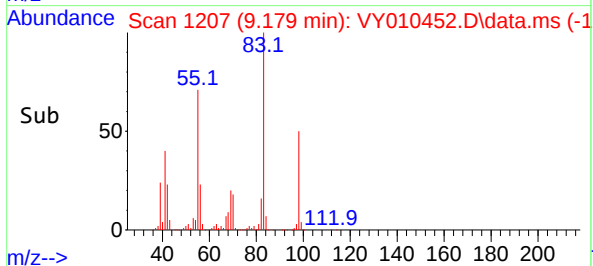
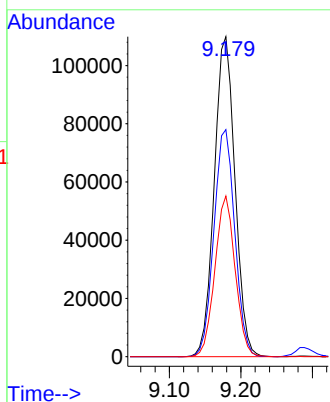
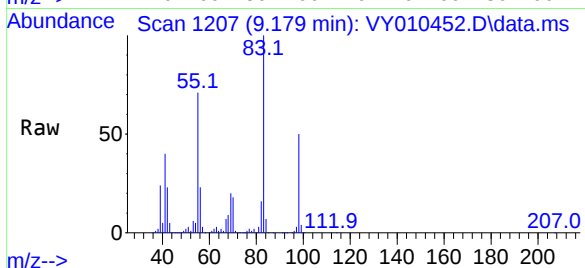
Tgt Ion: 83 Resp: 221124

Ion Ratio Lower Upper

83 100

55 71.0 66.5 99.7

98 50.2 37.9 56.9



#40

Benzene

Concen: 50.399 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010452.D

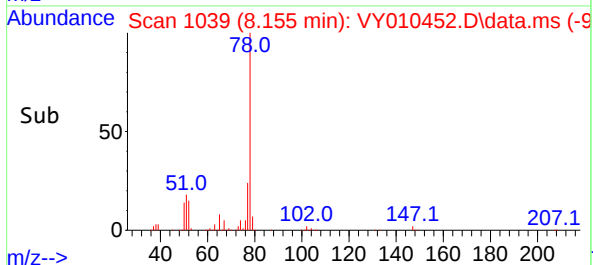
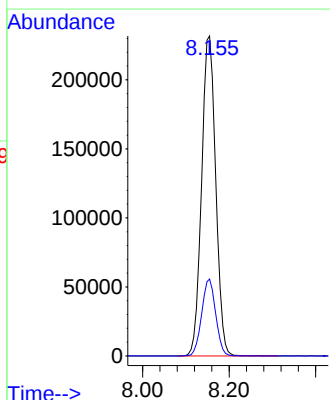
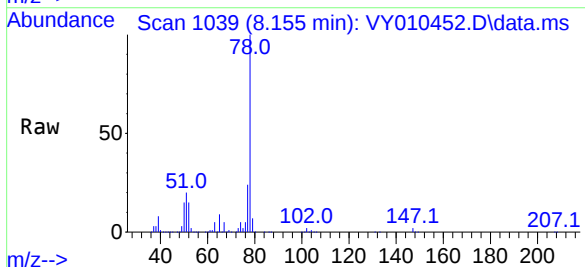
Acq: 13 Sep 2022 12:05

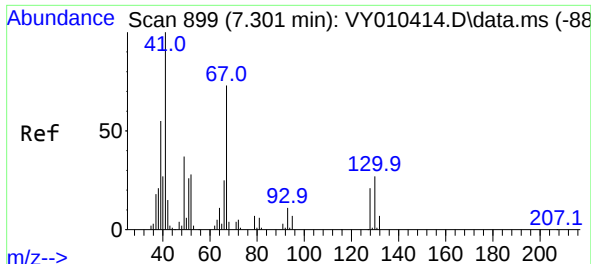
Tgt Ion: 78 Resp: 524273

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

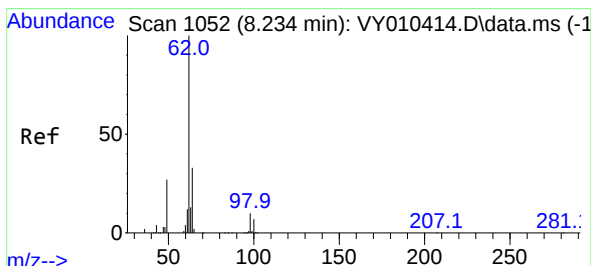
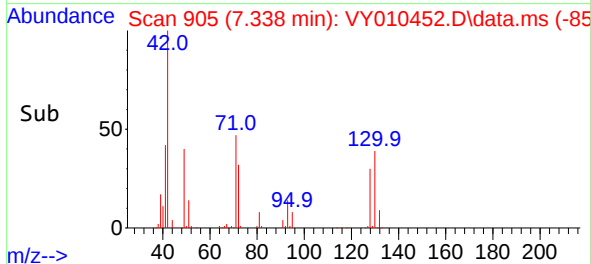
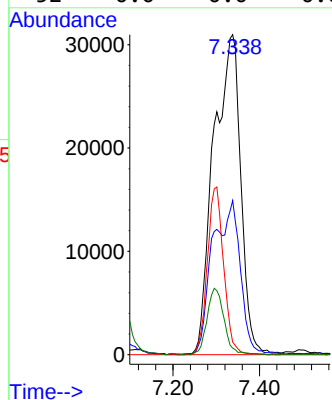
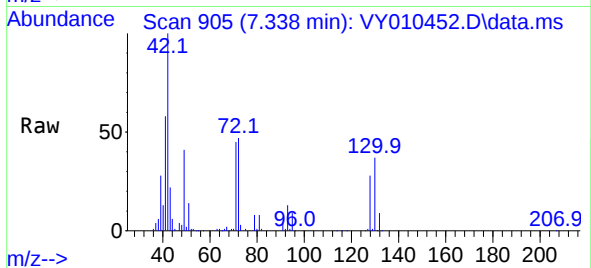




#41
Methacrylonitrile
Concen: 123.544 ug/l
RT: 7.338 min Scan# 90
Delta R.T. 0.037 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

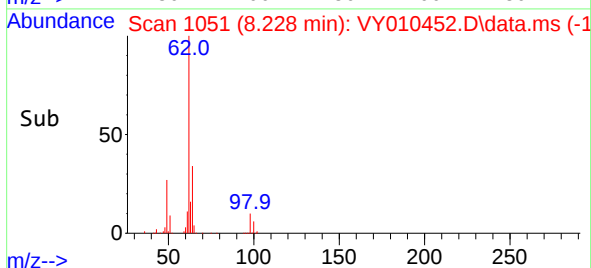
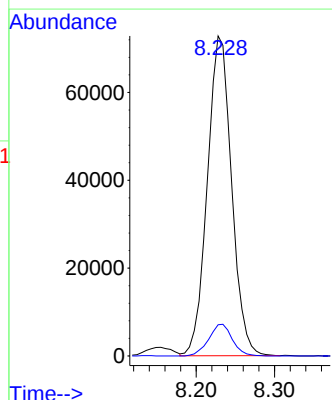
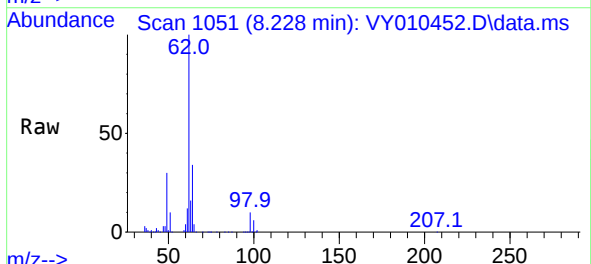
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

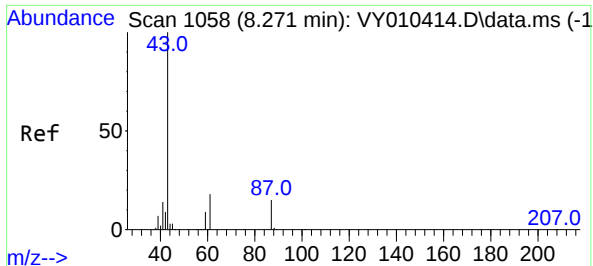
Tgt Ion: 41 Resp: 134167
Ion Ratio Lower Upper
41 100
39 24.1 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 50.628 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 62 Resp: 156613
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.8





#43

Isopropyl Acetate

Concen: 52.188 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.007 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

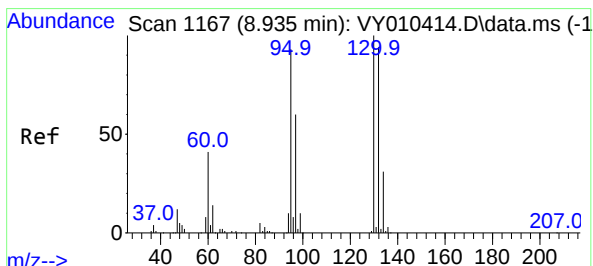
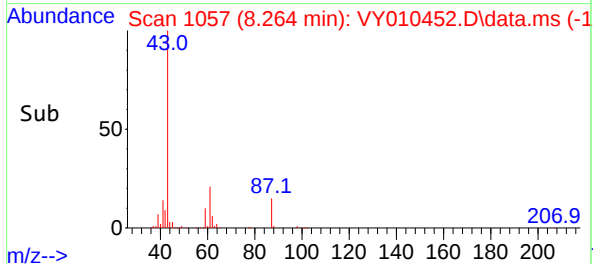
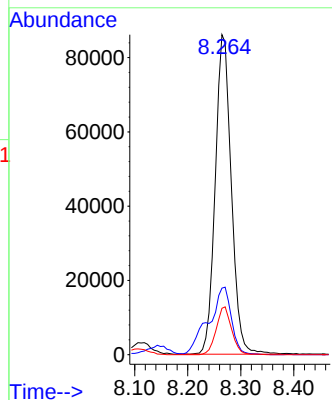
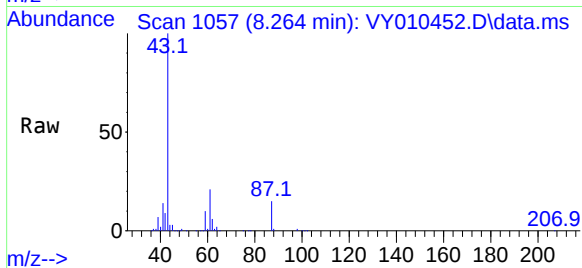
Tgt Ion: 43 Resp: 181432

Ion Ratio Lower Upper

43 100

61 30.0 20.2 30.2

87 14.4 8.9 13.3#



#44

Trichloroethene

Concen: 48.324 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY010452.D

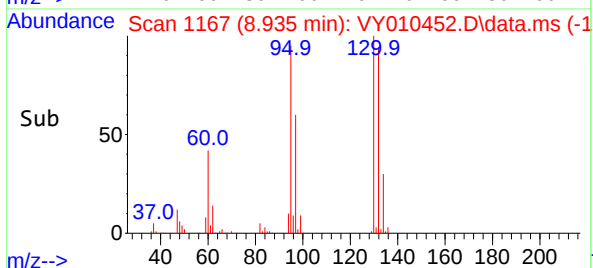
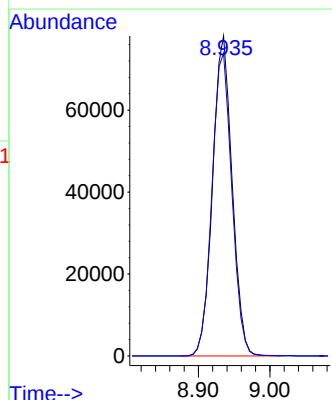
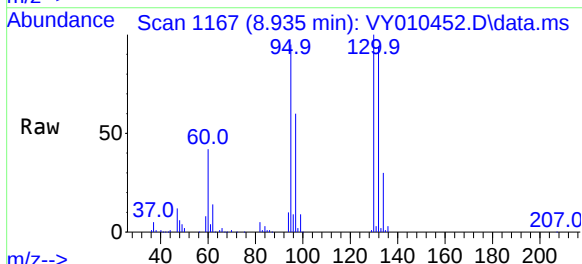
Acq: 13 Sep 2022 12:05

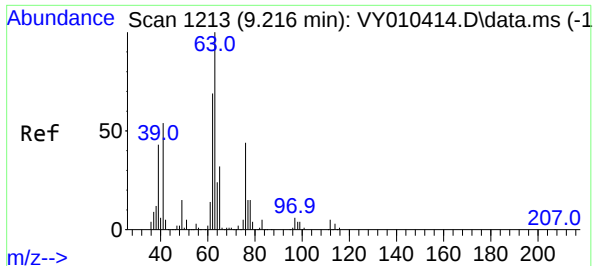
Tgt Ion:130 Resp: 147972

Ion Ratio Lower Upper

130 100

95 94.7 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.171 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

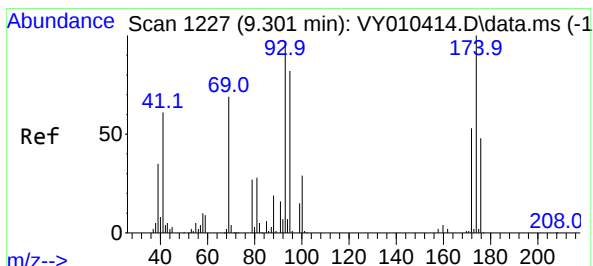
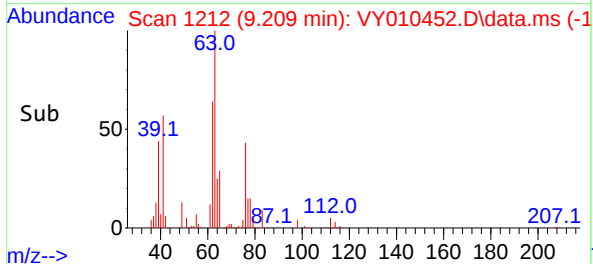
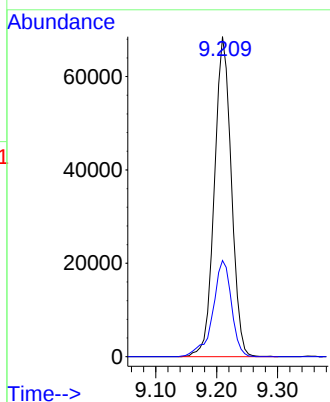
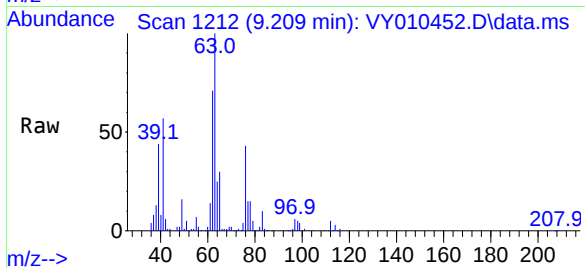
VSTDCCC050

Tgt Ion: 63 Resp: 132358

Ion Ratio Lower Upper

63 100

65 30.1 23.0 34.6



#46

Dibromomethane

Concen: 49.675 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

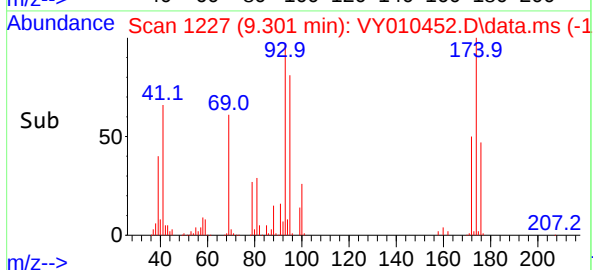
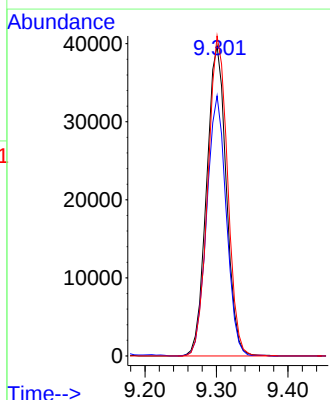
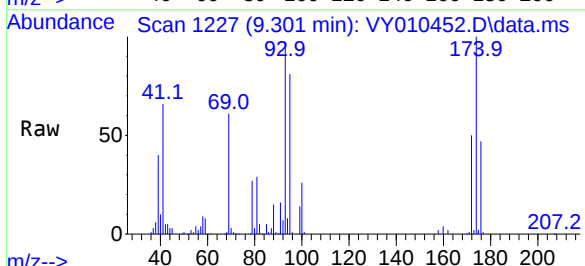
Tgt Ion: 93 Resp: 76000

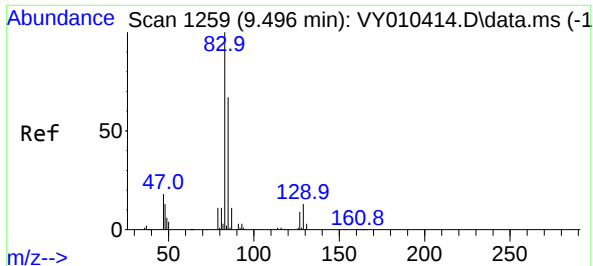
Ion Ratio Lower Upper

93 100

95 83.1 64.3 96.5

174 102.5 83.4 125.0





#47

Bromodichloromethane

Concen: 52.497 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

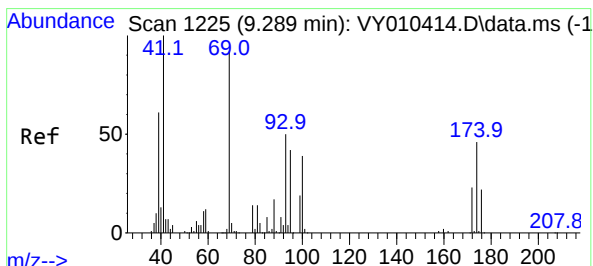
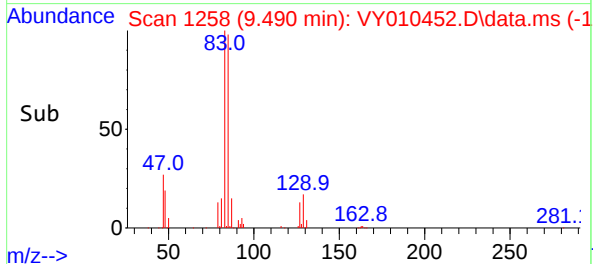
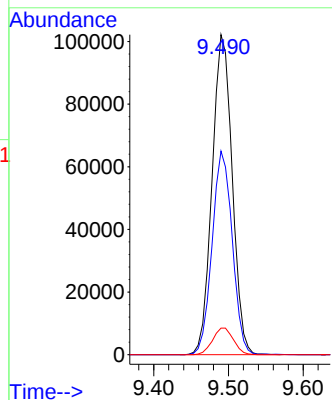
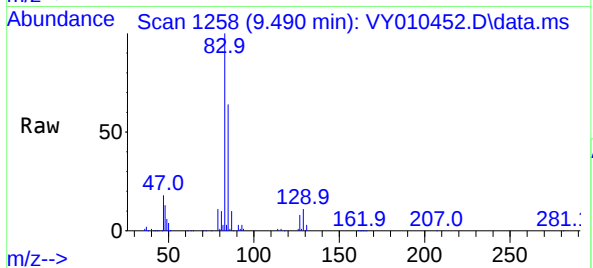
Tgt Ion: 83 Resp: 190772

Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

127 8.3 6.6 10.0



#48

Methyl methacrylate

Concen: 52.564 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

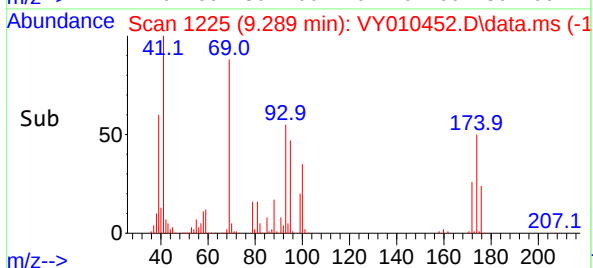
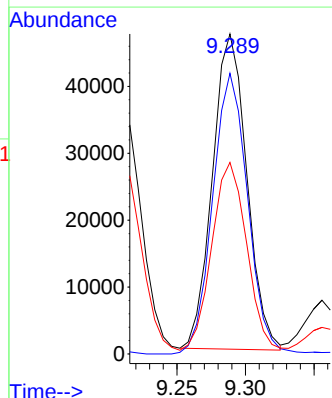
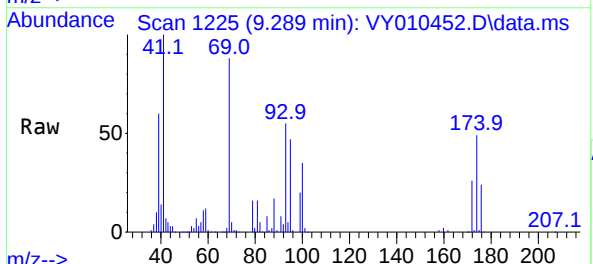
Tgt Ion: 41 Resp: 82071

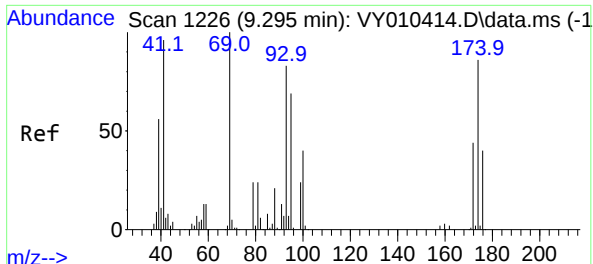
Ion Ratio Lower Upper

41 100

69 91.5 58.2 87.2#

39 63.2 47.4 71.0

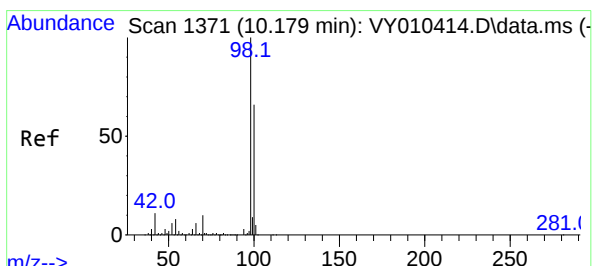
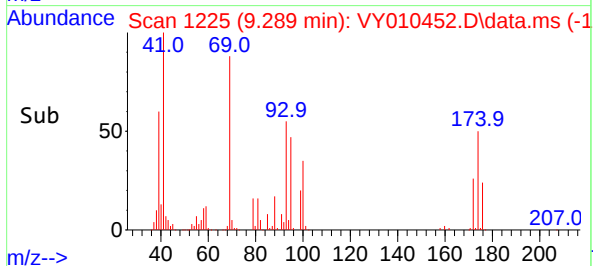
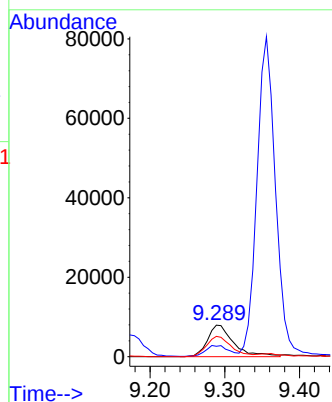
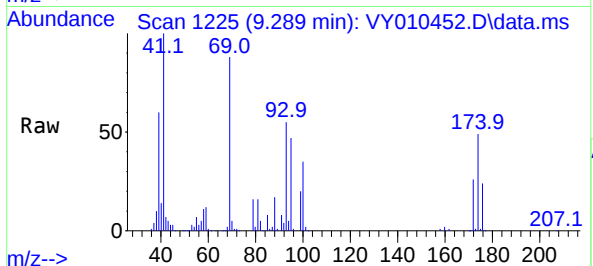




#49
1,4-Dioxane
Concen: 954.450 ug/l
RT: 9.289 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

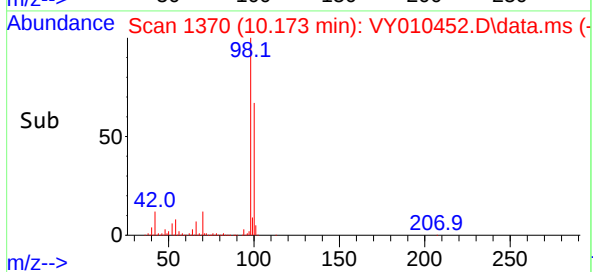
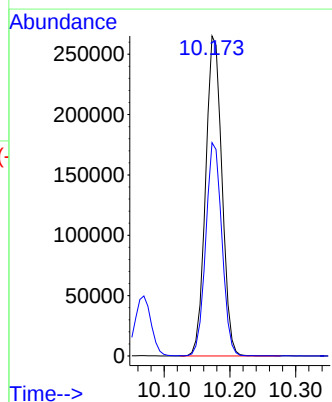
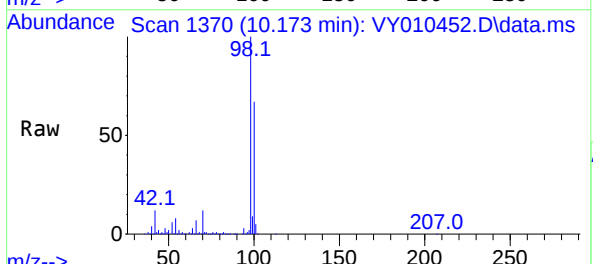
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

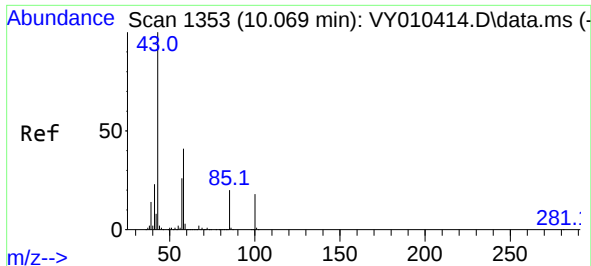
Tgt Ion: 88 Resp: 19330
Ion Ratio Lower Upper
88 100
43 30.5 32.8 49.2#
58 61.0 59.8 89.6



#50
Toluene-d8
Concen: 53.429 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 98 Resp: 457071
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

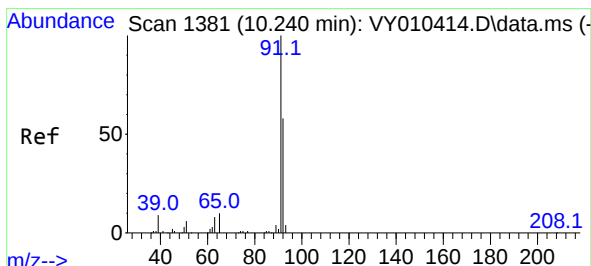
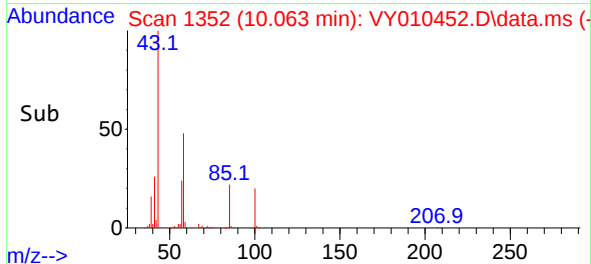
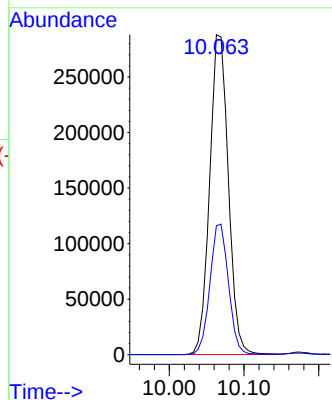
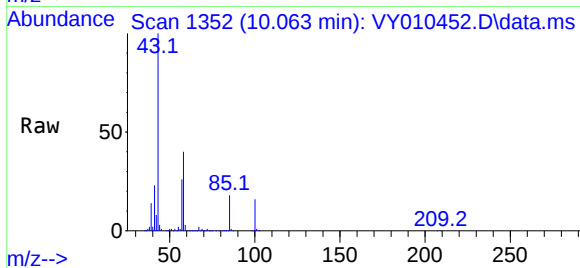




#51
4-Methyl-2-Pentanone
Concen: 262.624 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

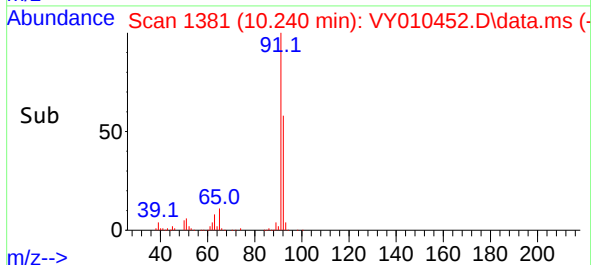
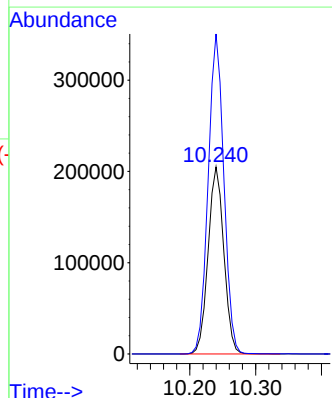
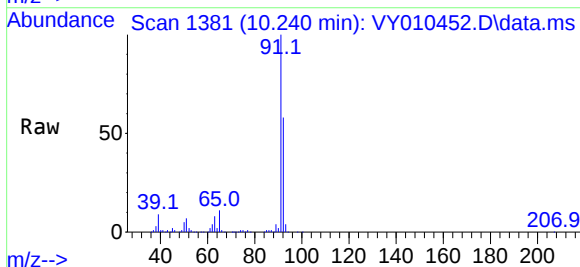
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

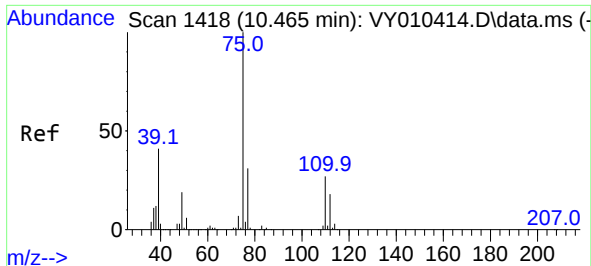
Tgt Ion: 43 Resp: 500796
Ion Ratio Lower Upper
43 100
58 40.6 28.1 42.1



#52
Toluene
Concen: 50.002 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 92 Resp: 340377
Ion Ratio Lower Upper
92 100
91 170.9 142.6 213.8

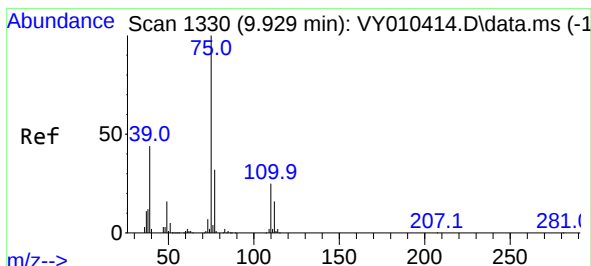
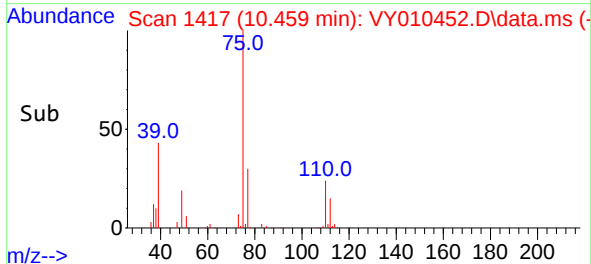
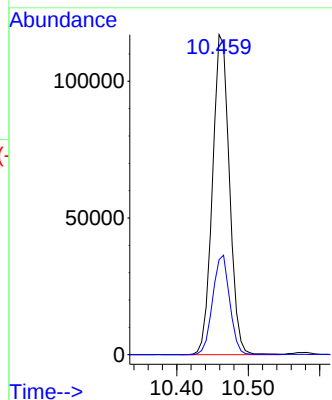
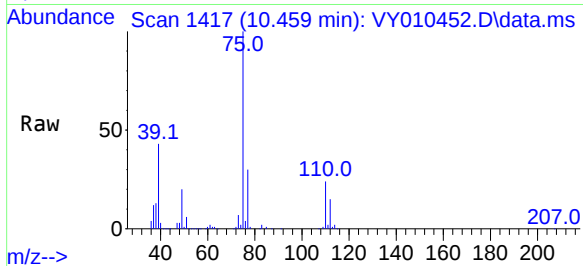




#53
t-1,3-Dichloropropene
Concen: 51.550 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

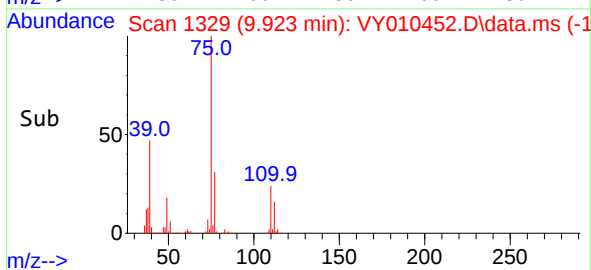
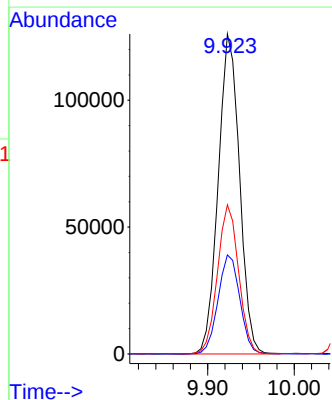
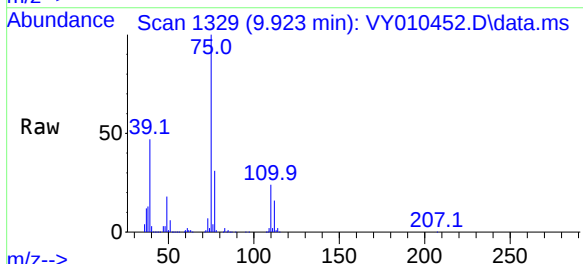
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

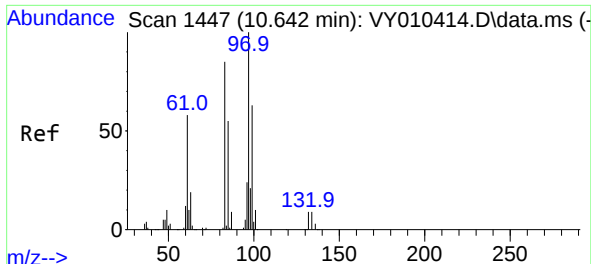
Tgt Ion: 75 Resp: 192786
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.063 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 75 Resp: 215389
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 46.5 47.6 71.4#



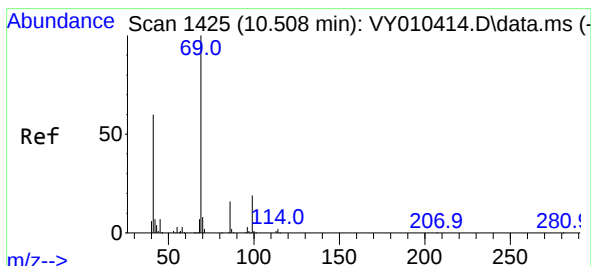
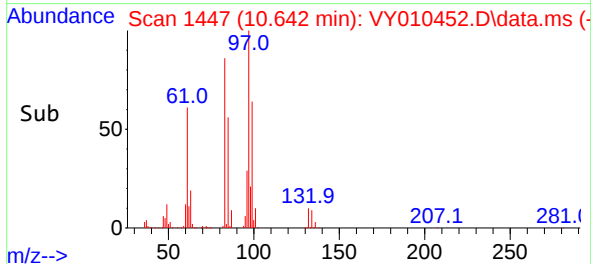
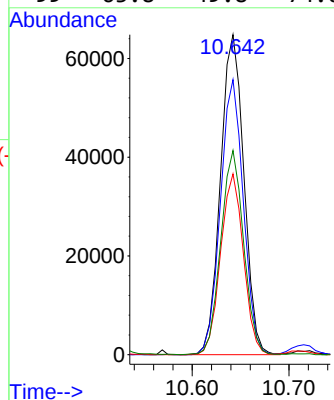
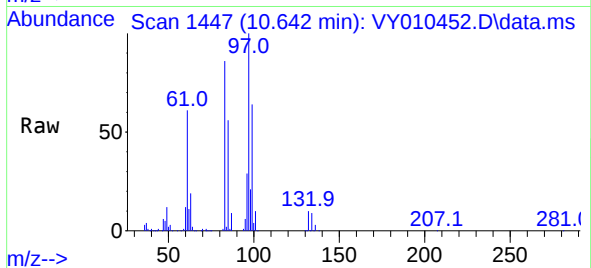


#55
1,1,2-Trichloroethane
Concen: 49.979 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 108770

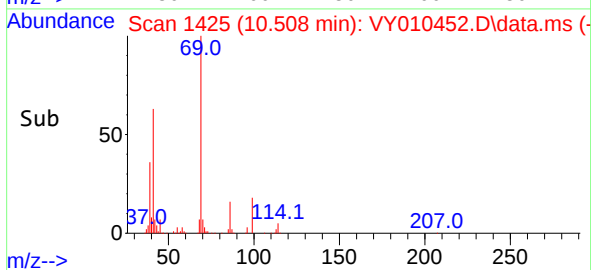
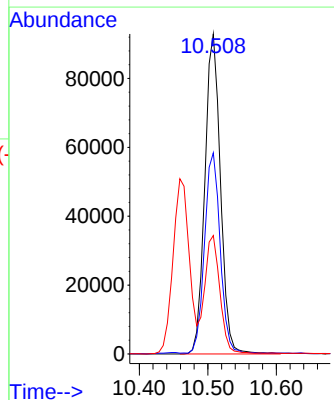
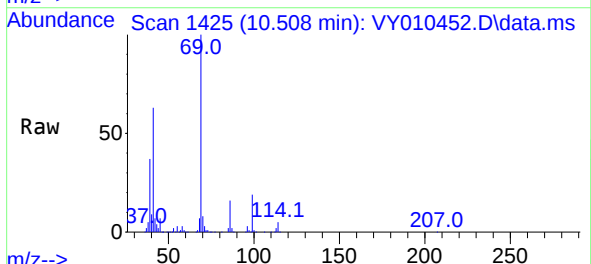
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.8	104.8
85	56.5	44.3	66.5
99	63.8	49.8	74.6

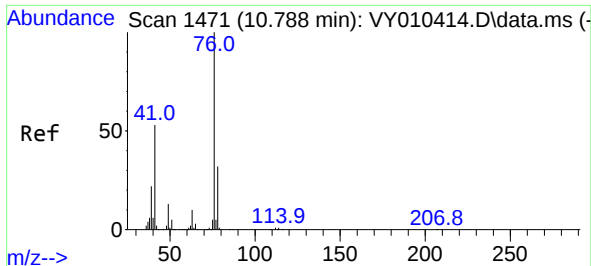


#56
Ethyl methacrylate
Concen: 51.620 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 69 Resp: 147538

Ion	Ratio	Lower	Upper
69	100		
41	62.5	63.4	95.0#
39	35.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 50.607 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

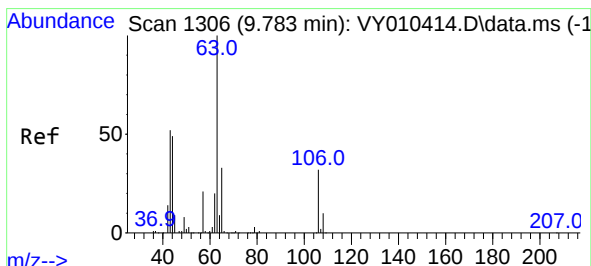
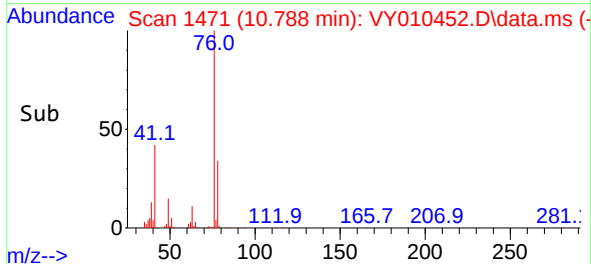
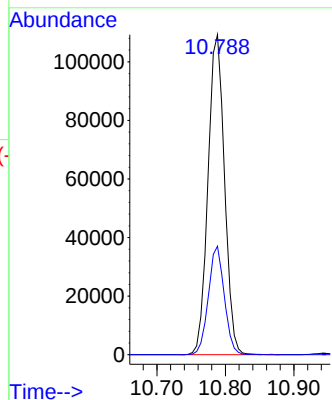
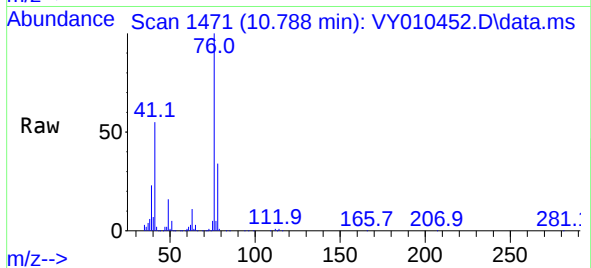
VSTDCCC050

Tgt Ion: 76 Resp: 183132

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 220.920 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY010452.D

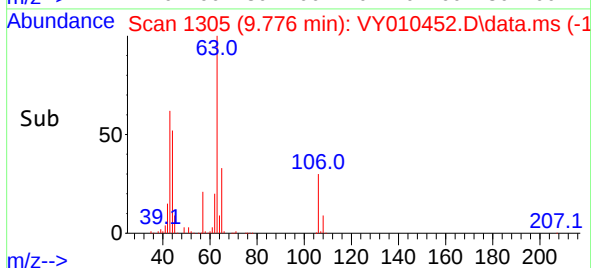
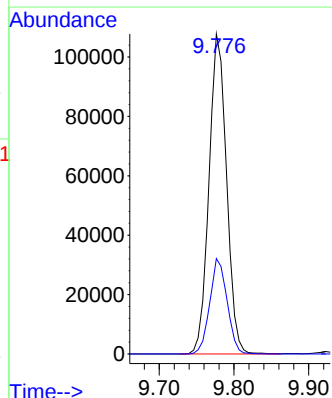
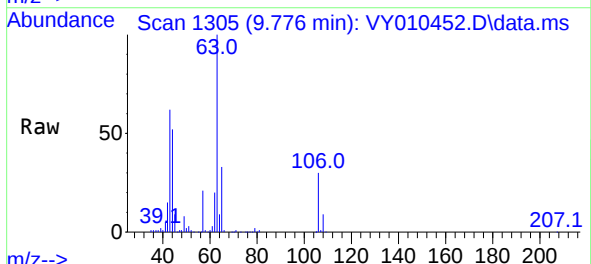
Acq: 13 Sep 2022 12:05

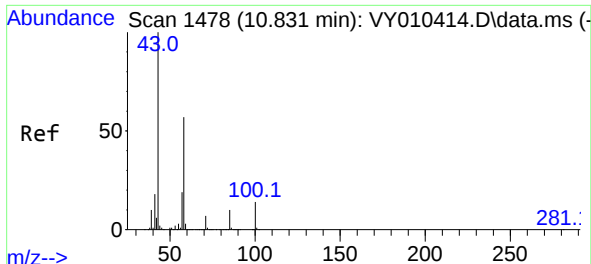
Tgt Ion: 63 Resp: 175790

Ion Ratio Lower Upper

63 100

106 29.4 21.5 32.3

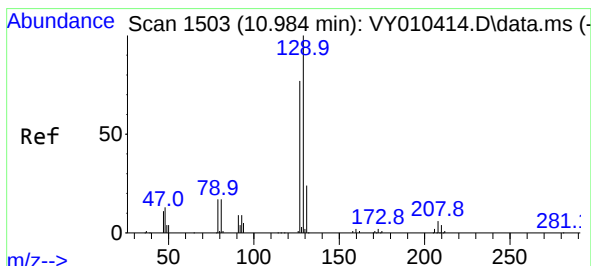
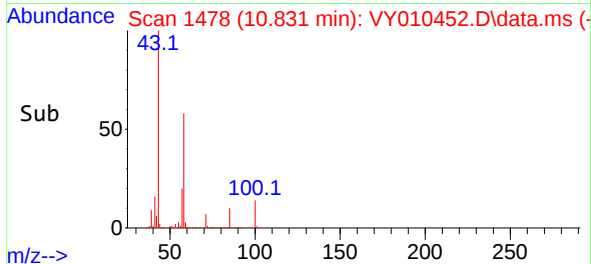
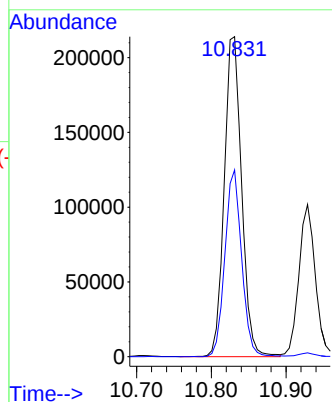
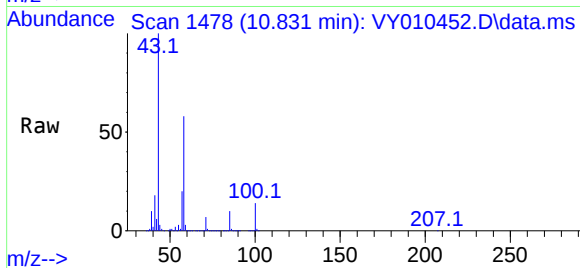




#59
2-Hexanone
Concen: 266.748 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

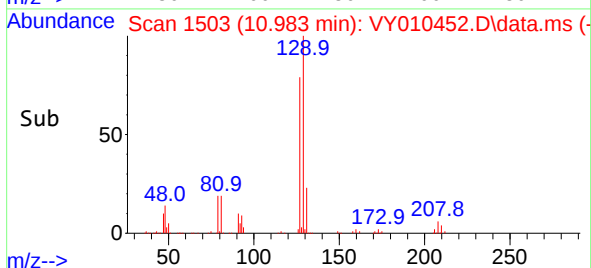
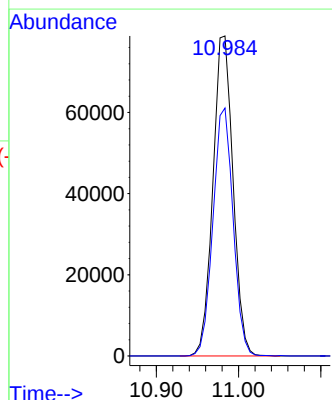
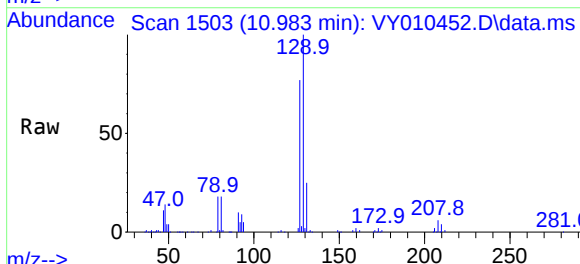
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

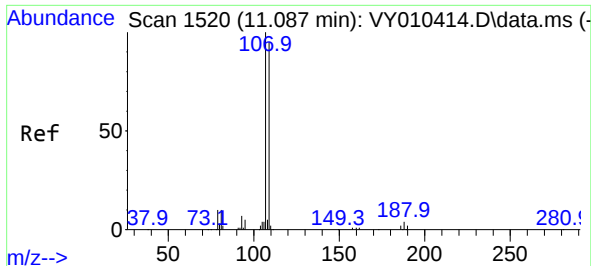
Tgt Ion: 43 Resp: 346731
Ion Ratio Lower Upper
43 100
58 56.2 24.4 73.4



#60
Dibromochloromethane
Concen: 50.414 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:129 Resp: 134075
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

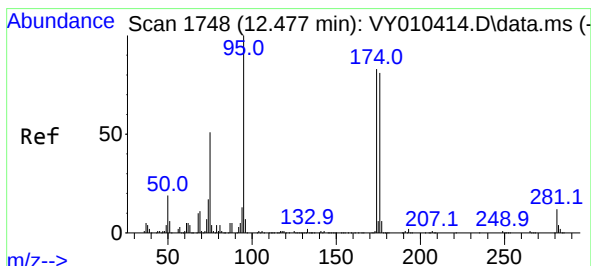
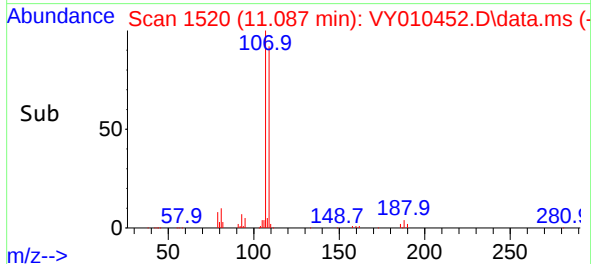
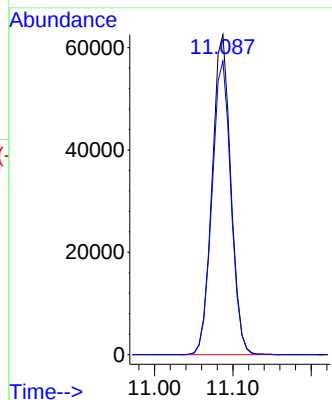
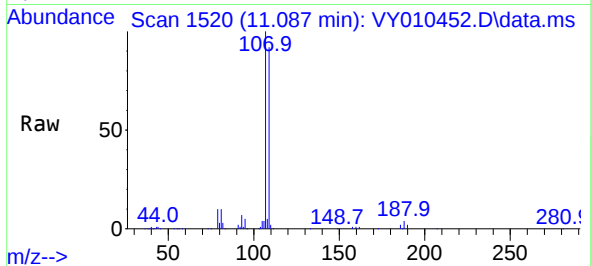




#61
1,2-Dibromoethane
Concen: 49.015 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

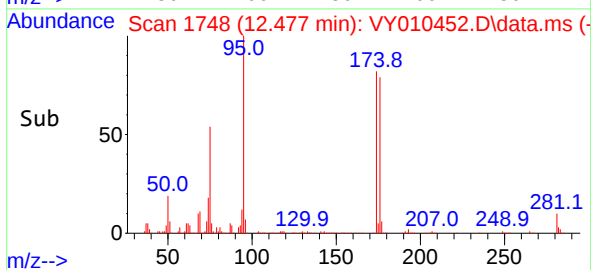
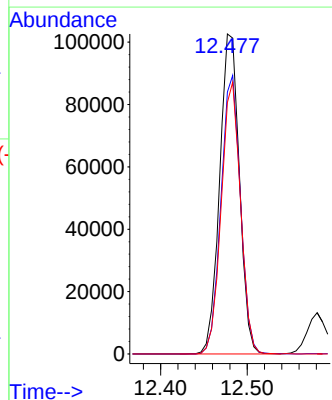
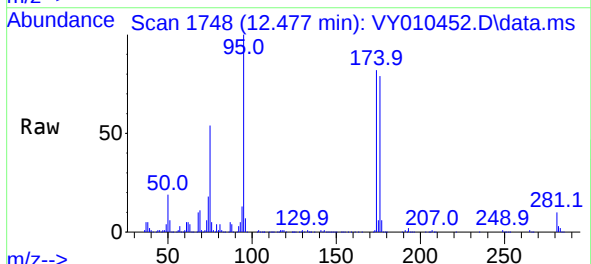
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

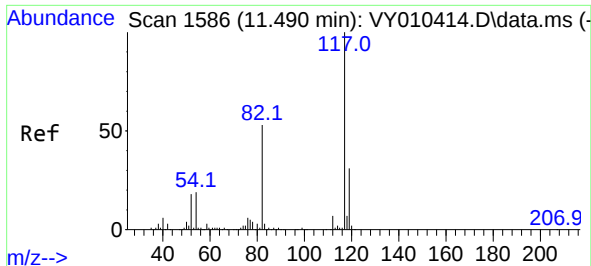
Tgt Ion:107 Resp: 103552
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.612 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 95 Resp: 162445
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.9 0.0 175.8

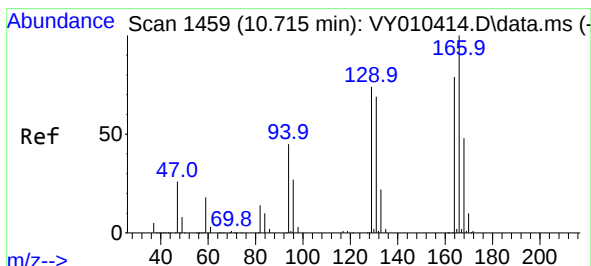
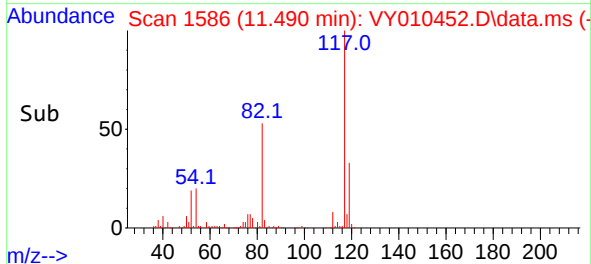
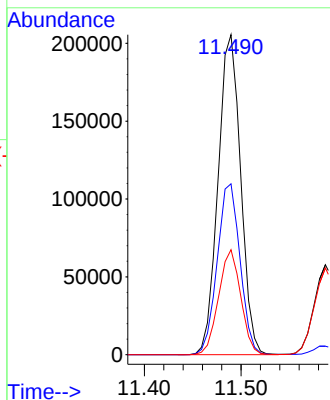
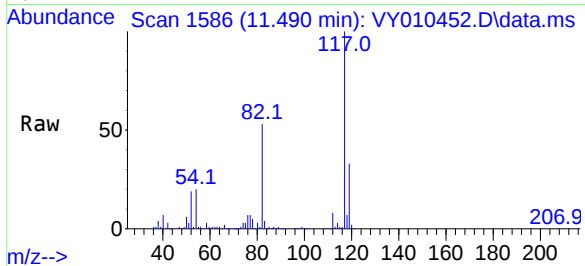




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

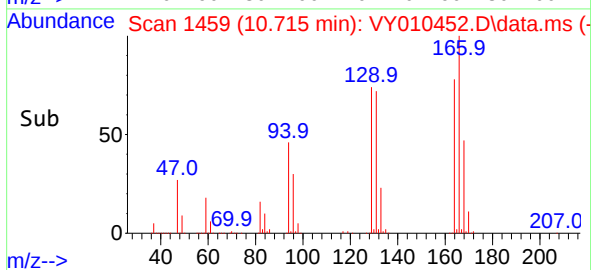
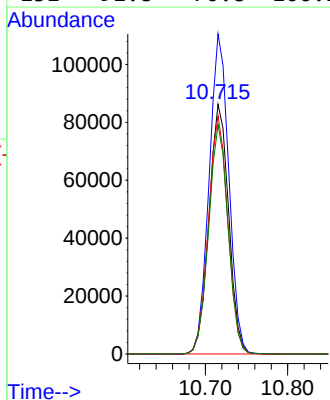
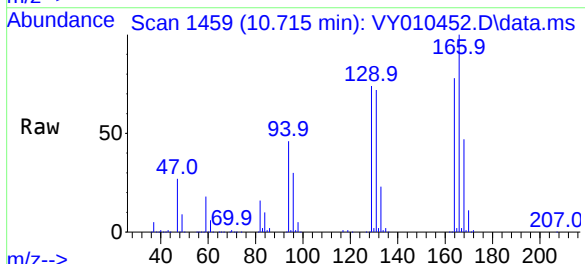
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

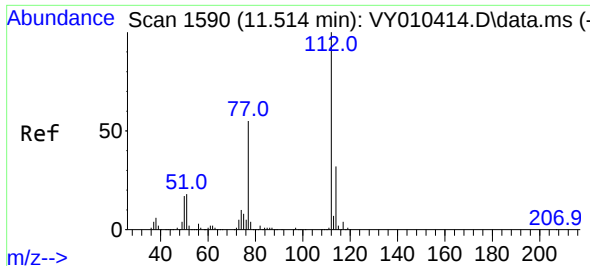
Tgt Ion:117 Resp: 333403
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 47.714 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:164 Resp: 143385
Ion Ratio Lower Upper
164 100
166 128.2 100.4 150.6
129 95.3 71.4 107.0
131 91.8 70.8 106.2

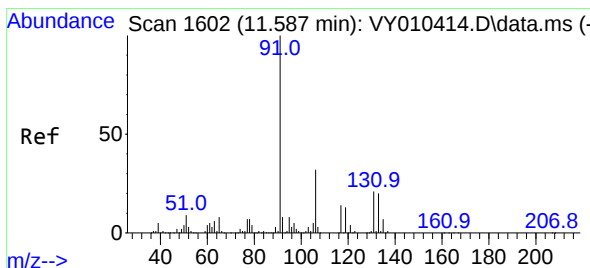
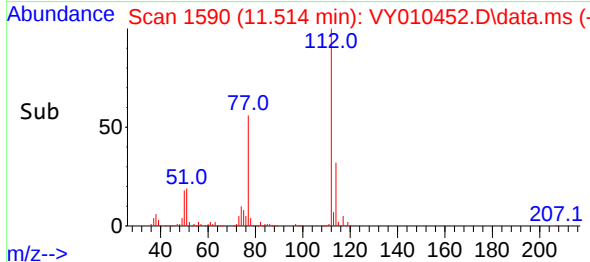
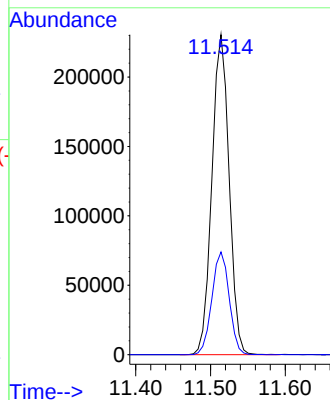
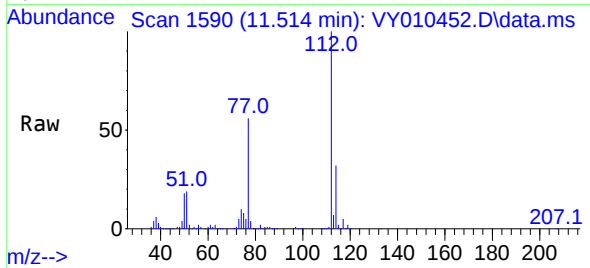




#65
Chlorobenzene
Concen: 49.429 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

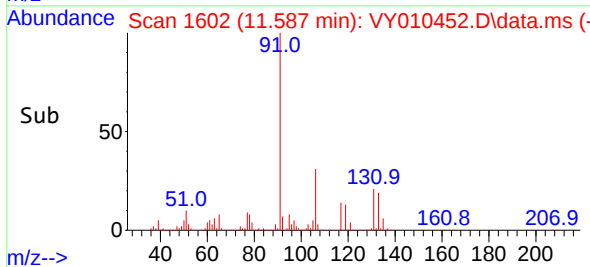
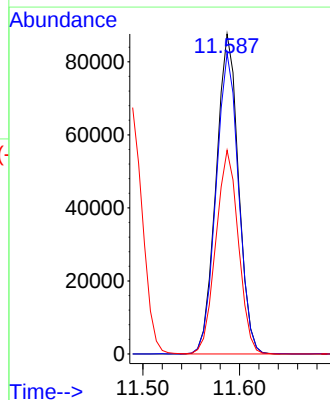
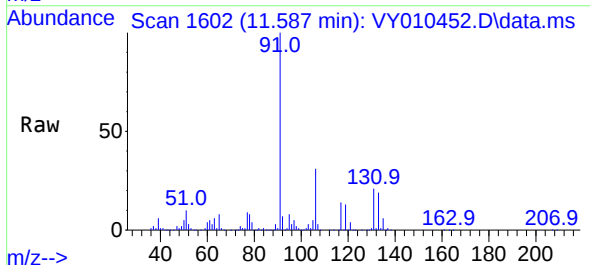
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

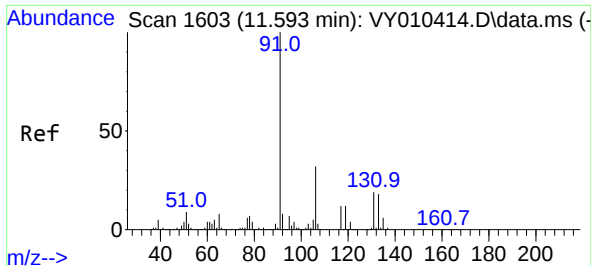
Tgt Ion:112 Resp: 368535
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.844 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:131 Resp: 140406
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 64.2 30.8 92.3





#67

Ethyl Benzene

Concen: 50.511 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

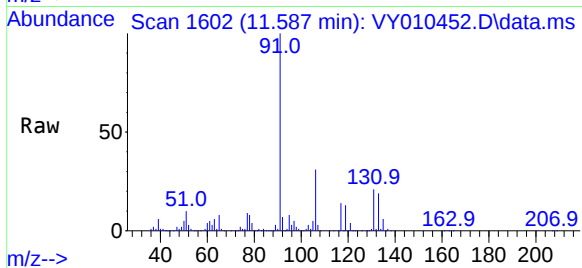
VSTDCCC050

Tgt Ion: 91 Resp: 666547

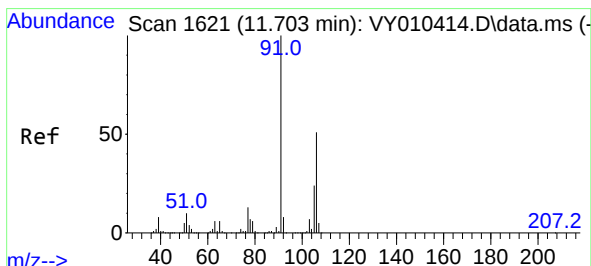
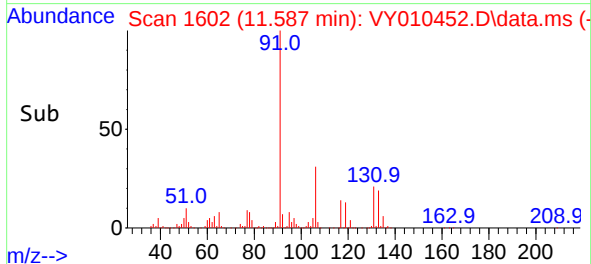
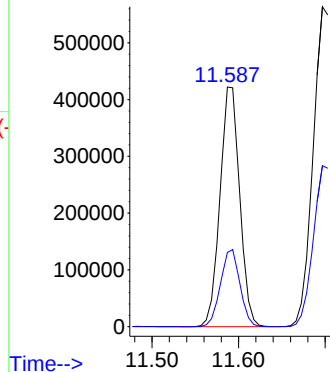
Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



Abundance



#68

m/p-Xylenes

Concen: 101.107 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY010452.D

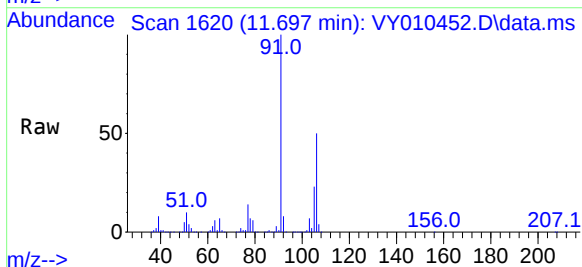
Acq: 13 Sep 2022 12:05

Tgt Ion:106 Resp: 523798

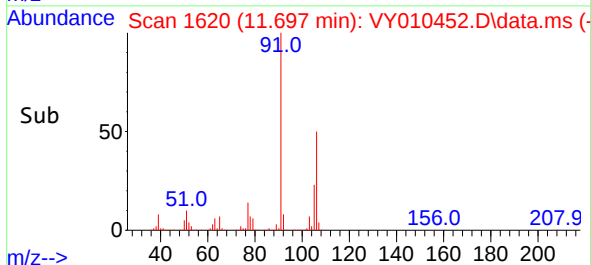
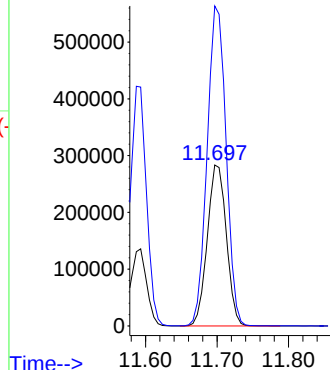
Ion Ratio Lower Upper

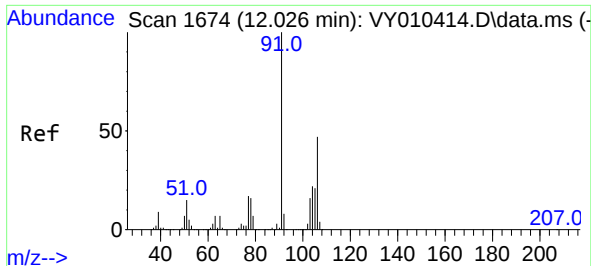
106 100

91 197.6 166.6 249.8



Abundance

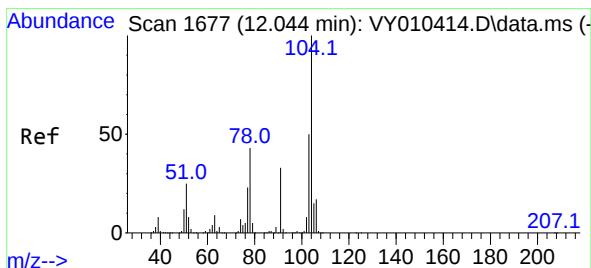
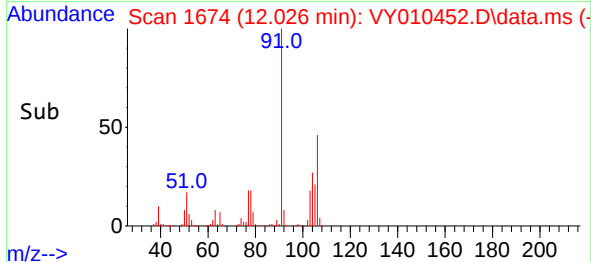
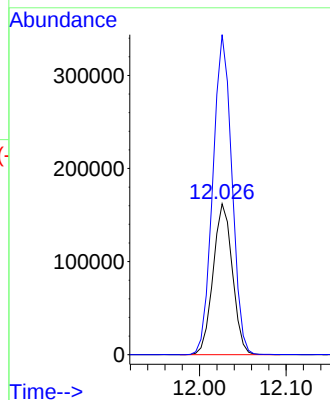
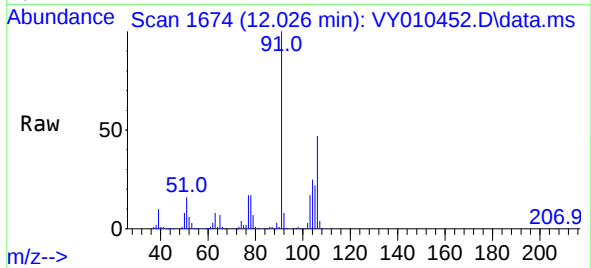




#69
o-Xylene
Concen: 50.615 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

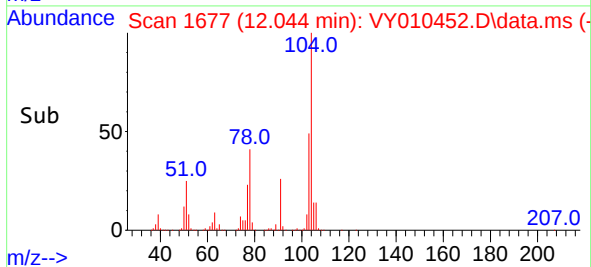
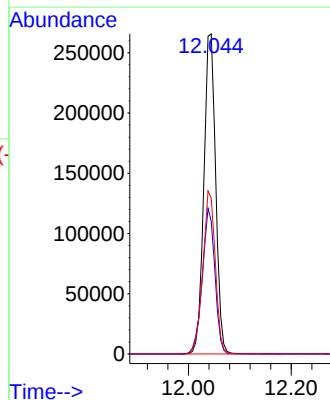
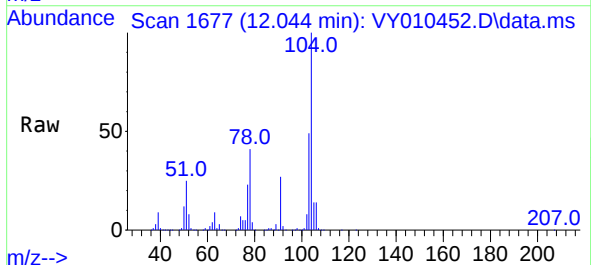
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

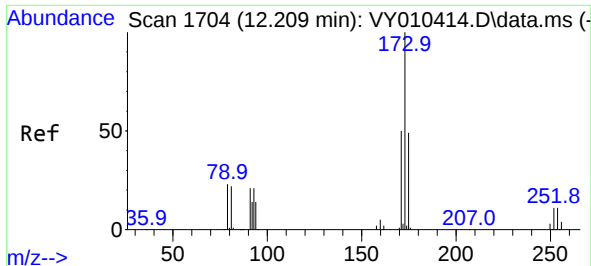
Tgt Ion:106 Resp: 250378
Ion Ratio Lower Upper
106 100
91 210.1 110.3 331.0



#70
Styrene
Concen: 50.601 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:104 Resp: 423650
Ion Ratio Lower Upper
104 100
78 48.3 42.4 63.6
103 53.9 44.4 66.6

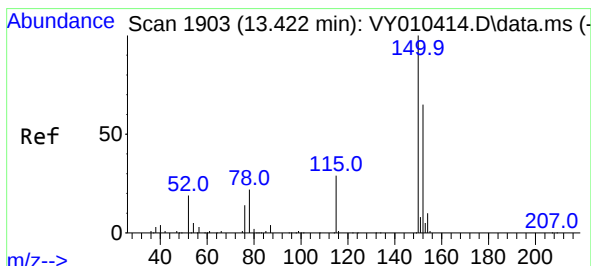
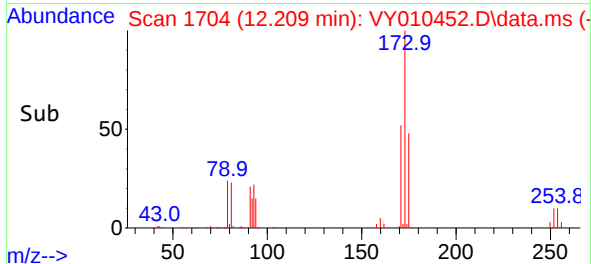
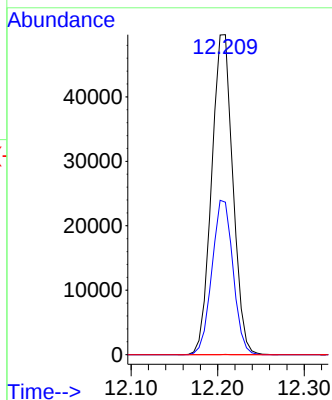
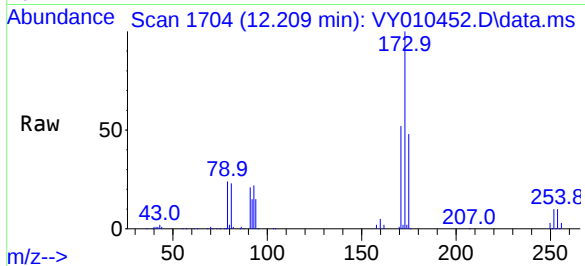




#71
Bromoform
Concen: 49.049 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

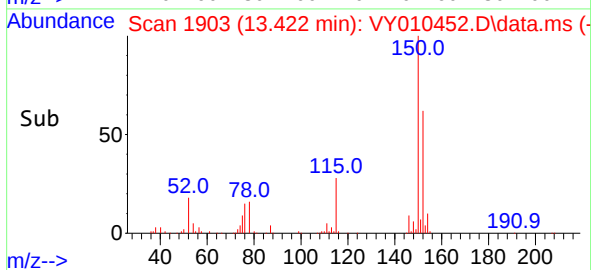
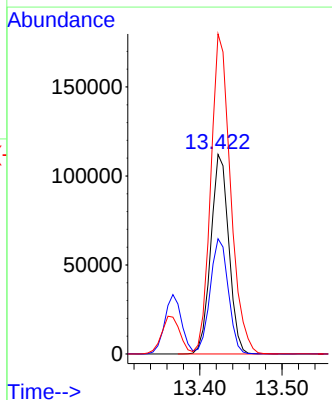
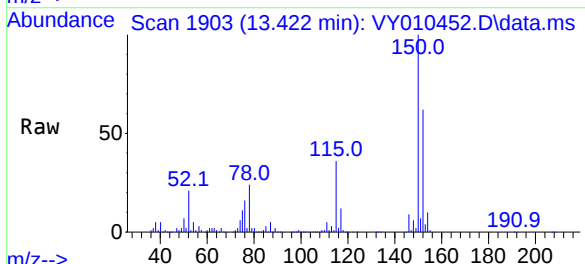
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

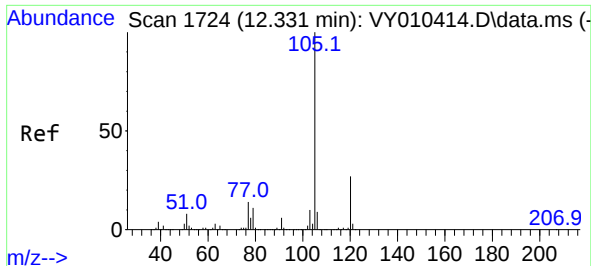
Tgt Ion:173 Resp: 84683
Ion Ratio Lower Upper
173 100
175 47.9 24.6 74.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:152 Resp: 170282
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 176.0 0.0 347.6

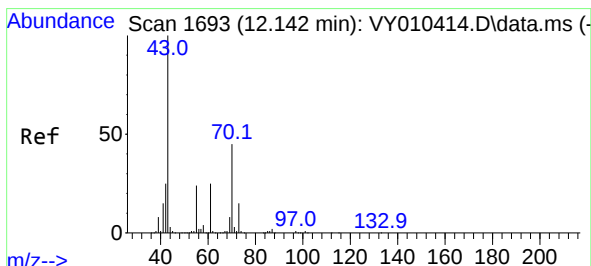
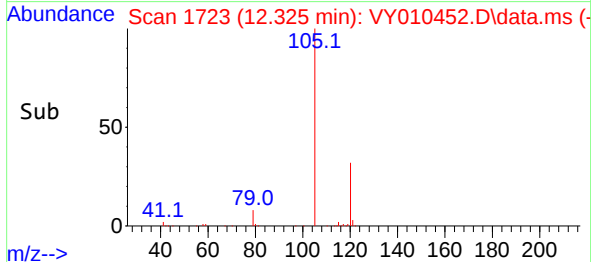
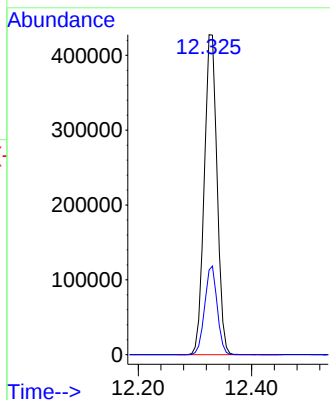
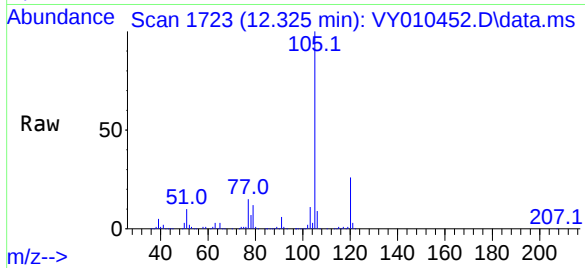




#73
Isopropylbenzene
Concen: 50.454 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

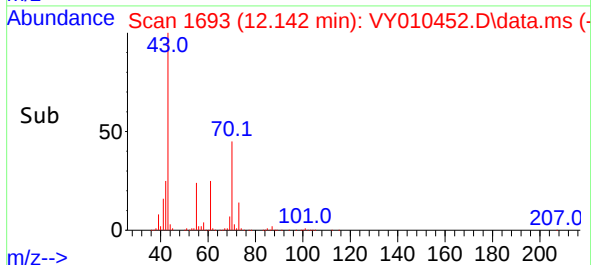
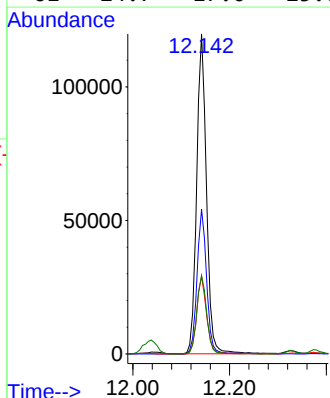
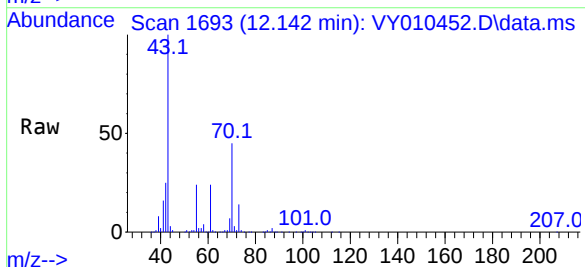
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

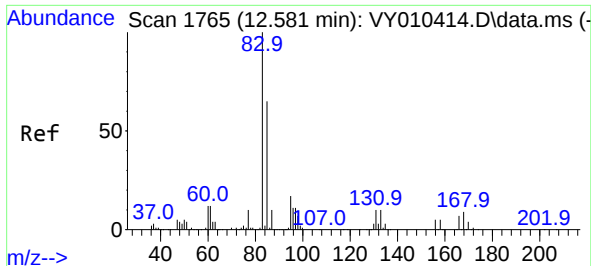
Tgt Ion:105 Resp: 670338
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 54.124 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 43 Resp: 167780
Ion Ratio Lower Upper
43 100
70 44.5 28.7 43.1#
55 24.5 17.3 25.9
61 24.7 17.0 25.6

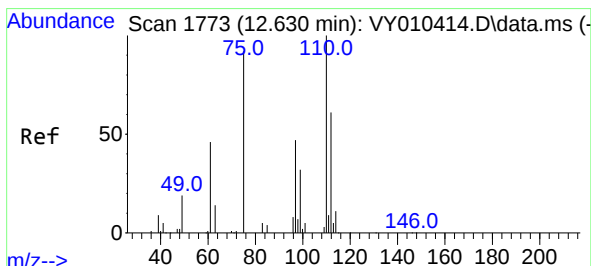
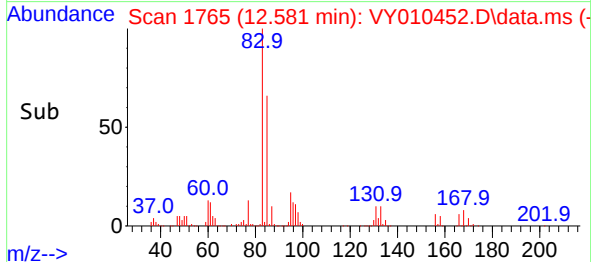
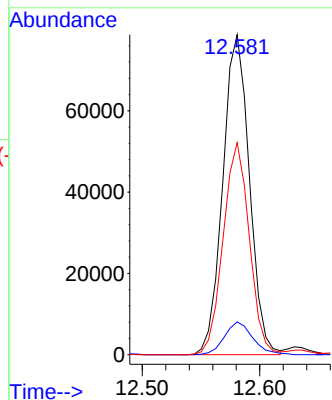
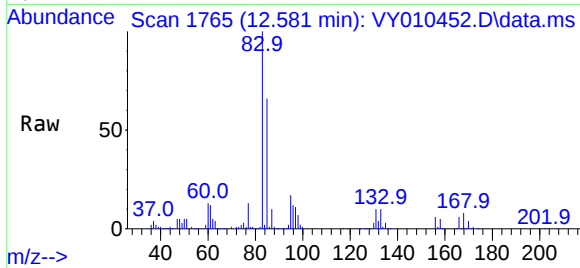




#75
1,1,2,2-Tetrachloroethane
Concen: 49.828 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

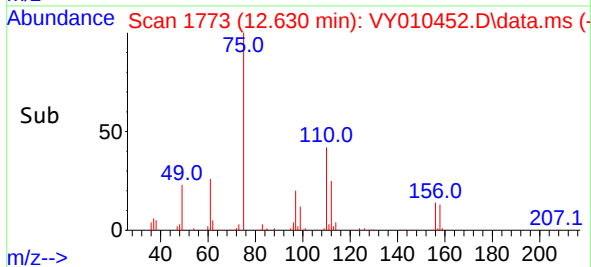
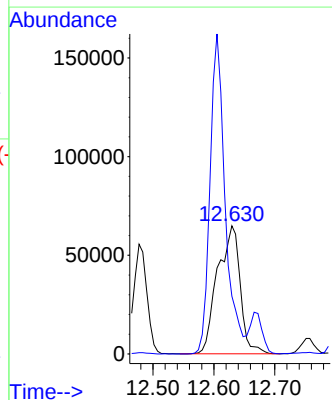
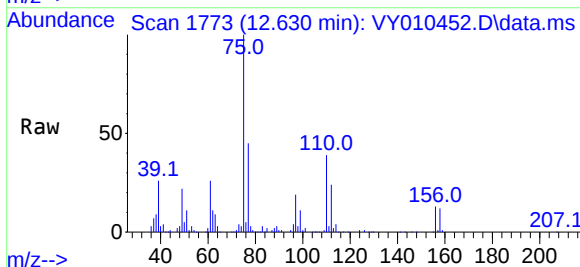
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

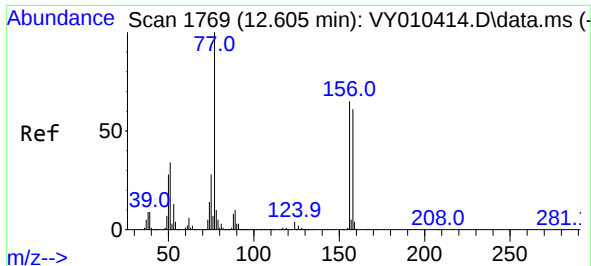
Tgt Ion: 83 Resp: 123840
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 89.281 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 75 Resp: 167790
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

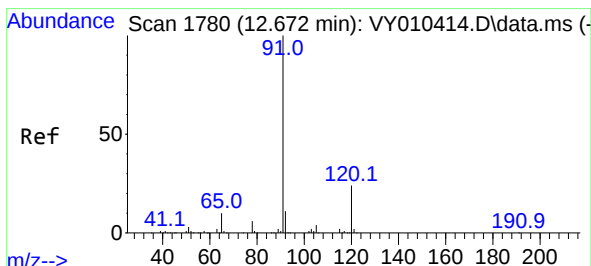
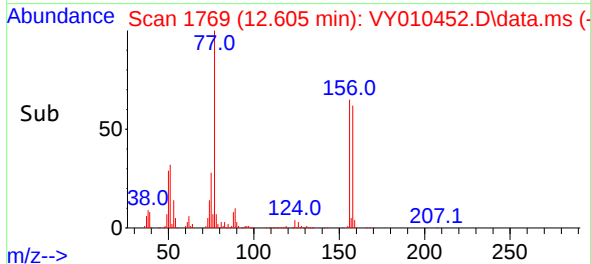
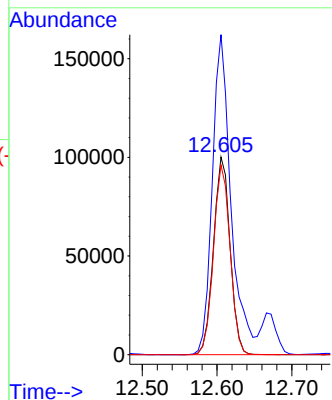
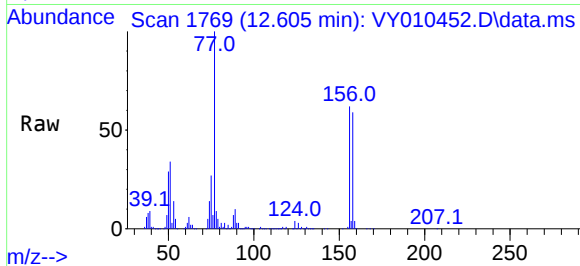




#77
Bromobenzene
Concen: 49.149 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

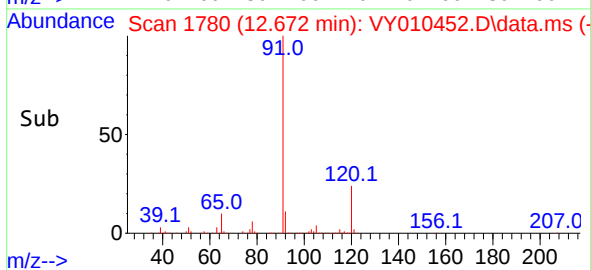
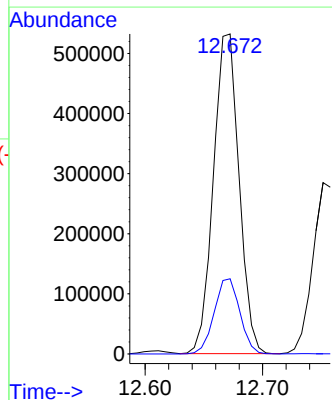
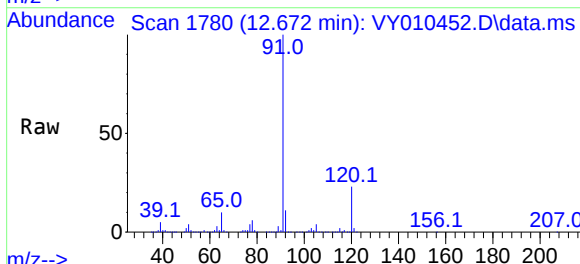
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

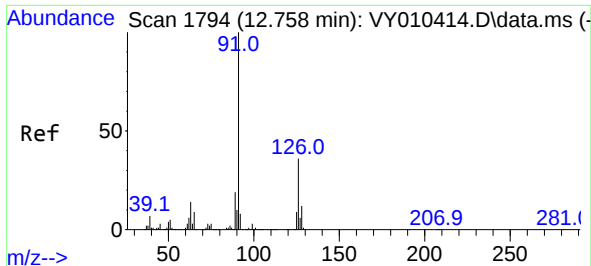
Tgt Ion:156 Resp: 154732
Ion Ratio Lower Upper
156 100
77 180.3 95.5 286.4
158 95.9 48.0 144.0



#78
n-propylbenzene
Concen: 51.219 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 91 Resp: 805820
Ion Ratio Lower Upper
91 100
120 23.5 11.3 33.9

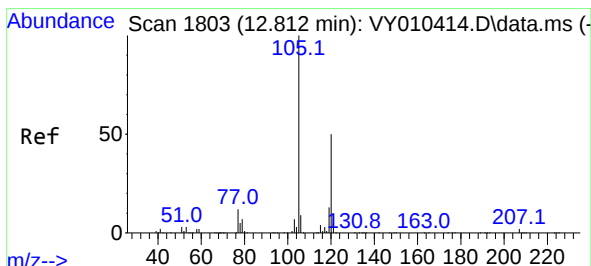
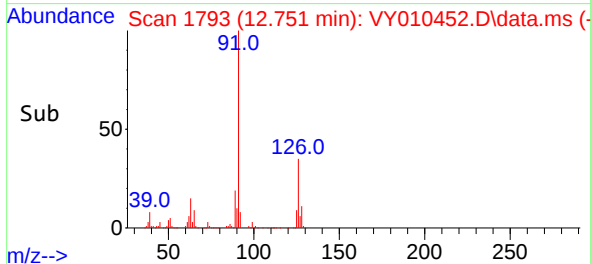
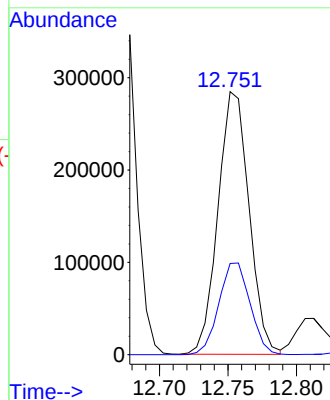
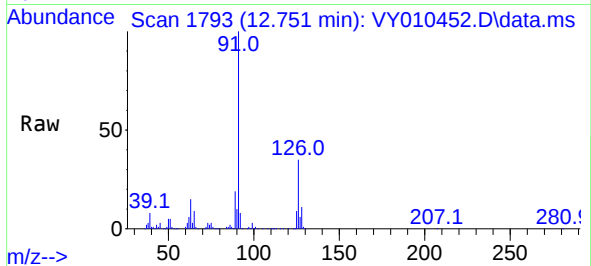




#79
2-Chlorotoluene
Concen: 50.913 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

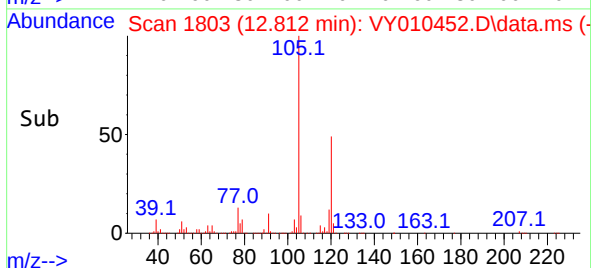
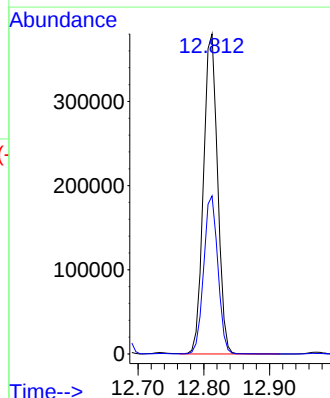
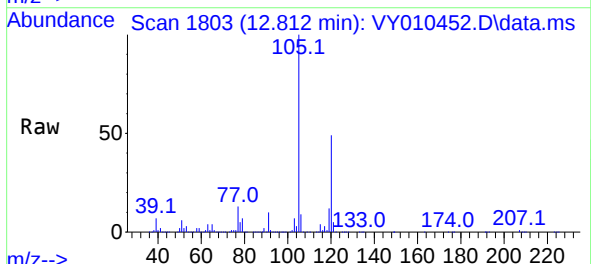
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

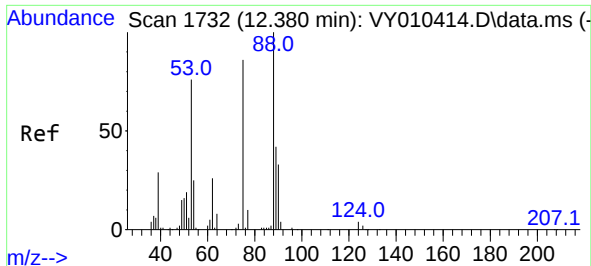
Tgt Ion: 91 Resp: 449953
Ion Ratio Lower Upper
91 100
126 35.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 50.587 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 105 Resp: 567083
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4

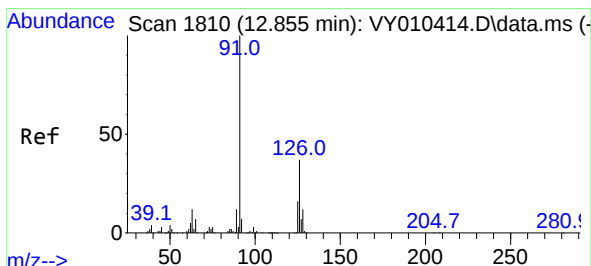
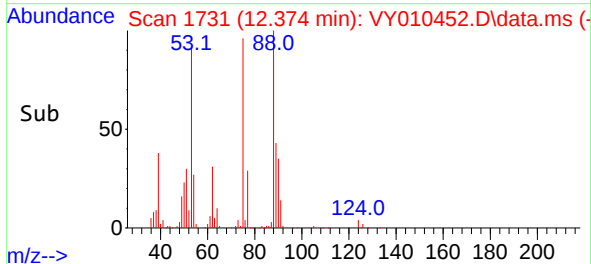
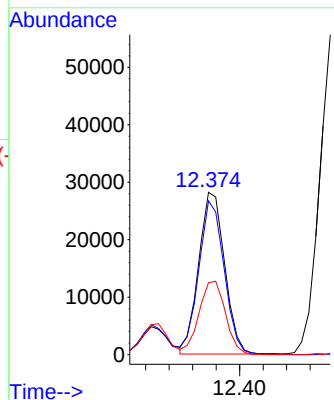
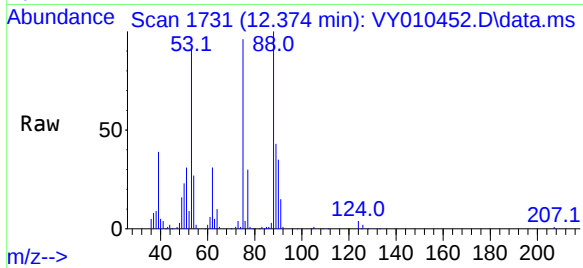




#81
trans-1,4-Dichloro-2-butene
Concen: 51.105 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

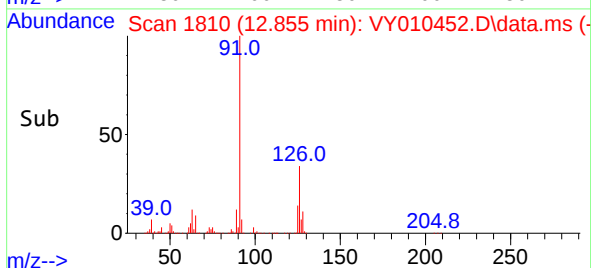
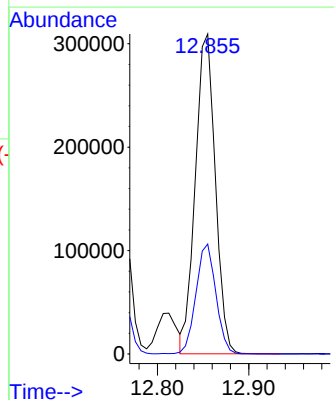
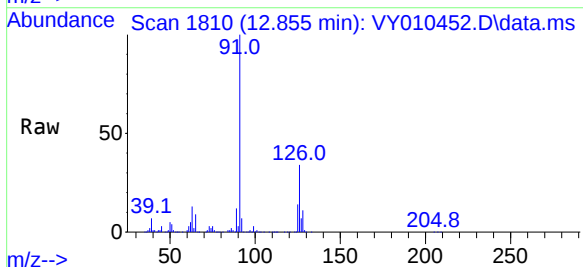
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

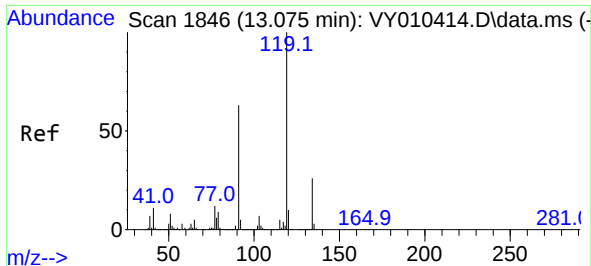
Tgt Ion: 75 Resp: 43256
Ion Ratio Lower Upper
75 100
53 93.5 85.3 127.9
89 46.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.146 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 91 Resp: 470236
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

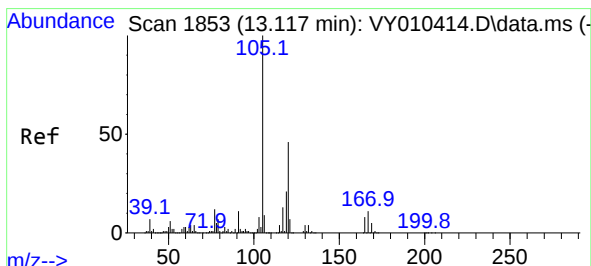
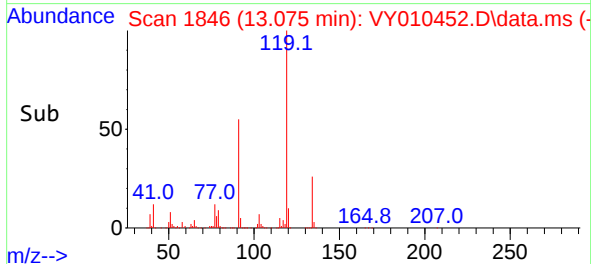
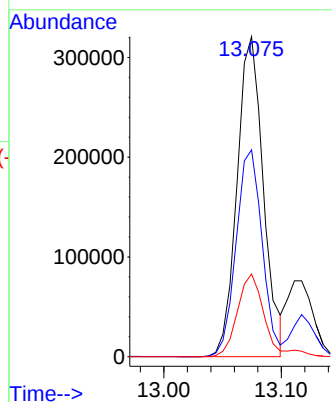
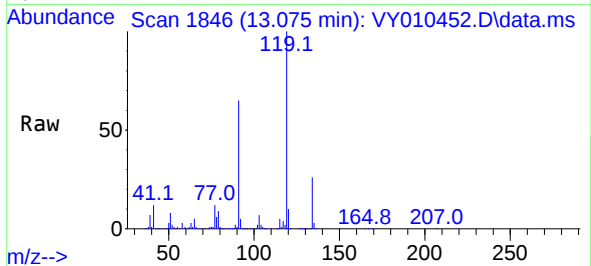




#83
tert-Butylbenzene
Concen: 51.038 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

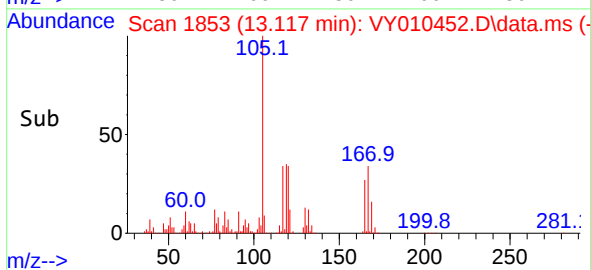
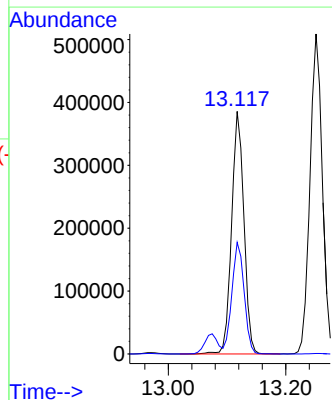
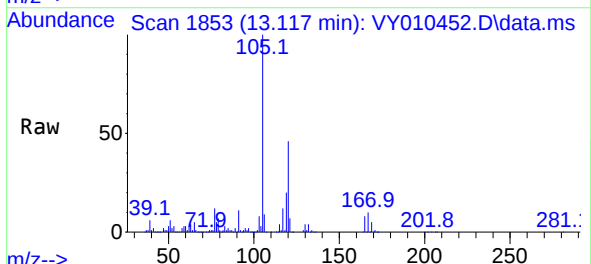
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

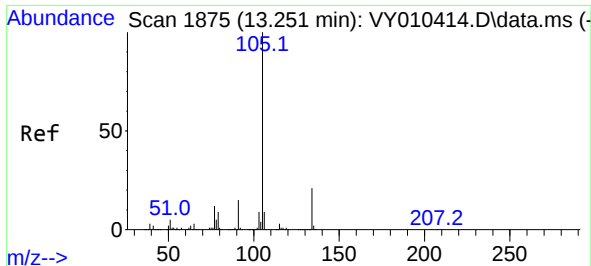
Tgt Ion:119 Resp: 500081
Ion Ratio Lower Upper
119 100
91 63.8 34.8 104.4
134 26.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.164 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:105 Resp: 561195
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9

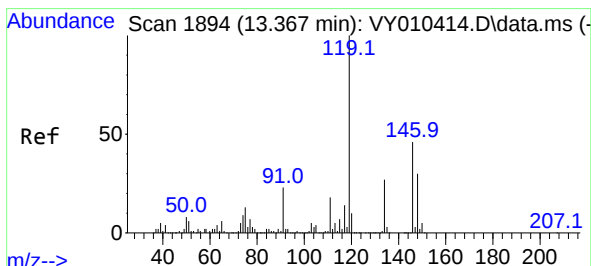
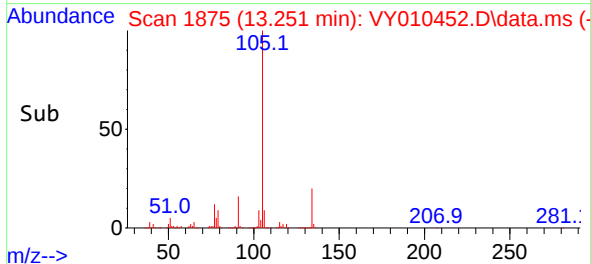
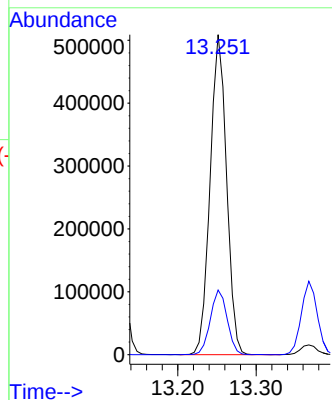
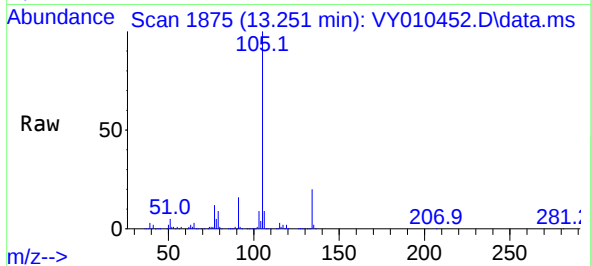




#85
 sec-Butylbenzene
 Concen: 51.107 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010452.D
 Acq: 13 Sep 2022 12:05

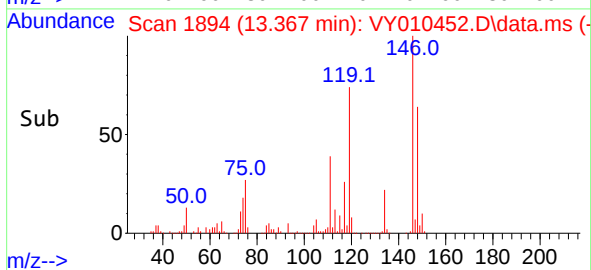
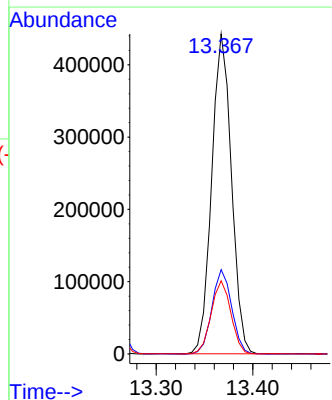
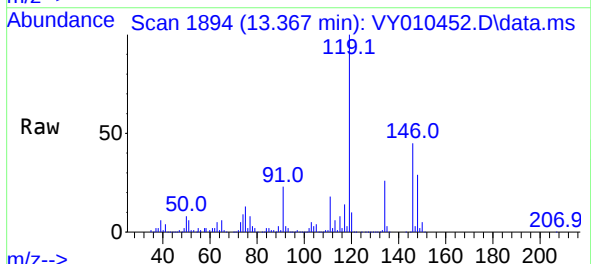
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

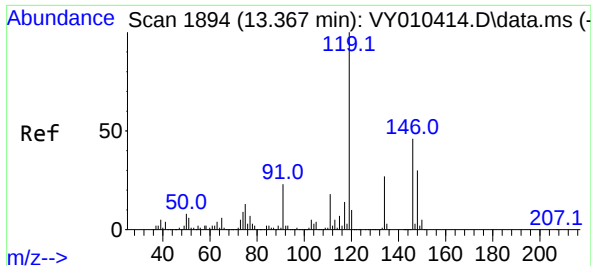
Tgt Ion:105 Resp: 741482
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.127 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010452.D
 Acq: 13 Sep 2022 12:05

Tgt Ion:119 Resp: 627437
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.257 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

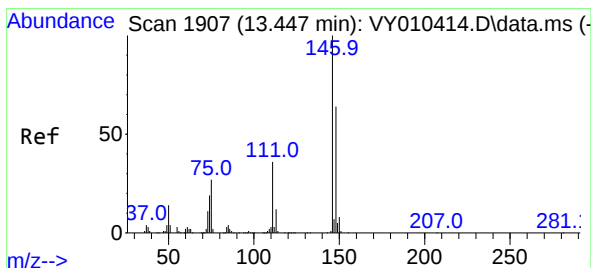
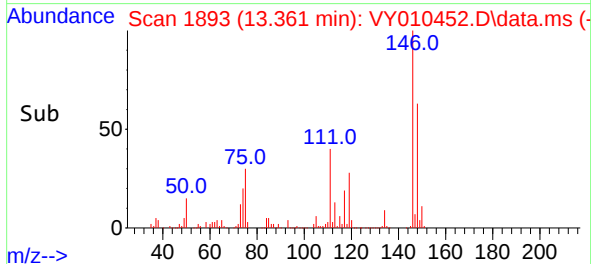
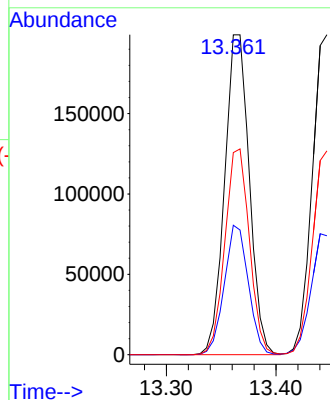
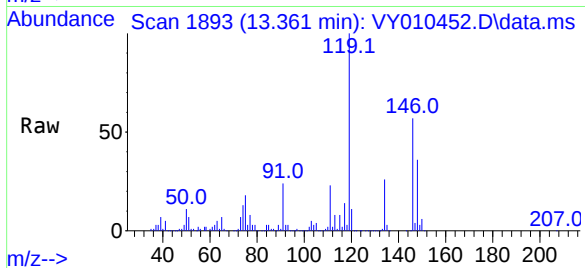
Tgt Ion:146 Resp: 311392

Ion Ratio Lower Upper

146 100

111 39.5 19.5 58.5

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.194 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

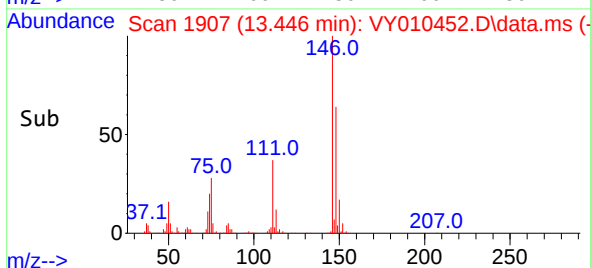
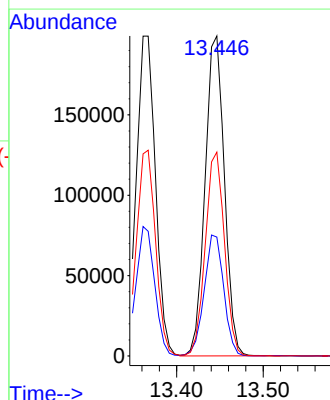
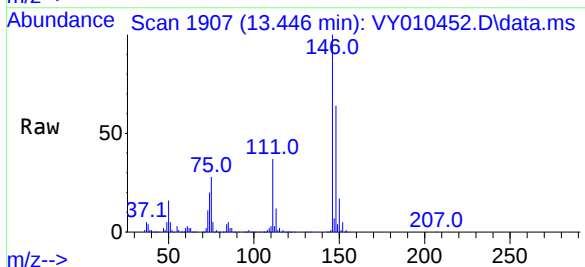
Tgt Ion:146 Resp: 307955

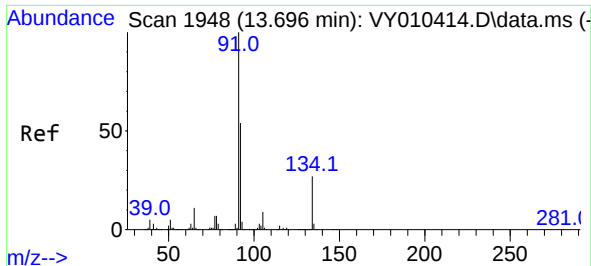
Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 63.5 32.6 97.8

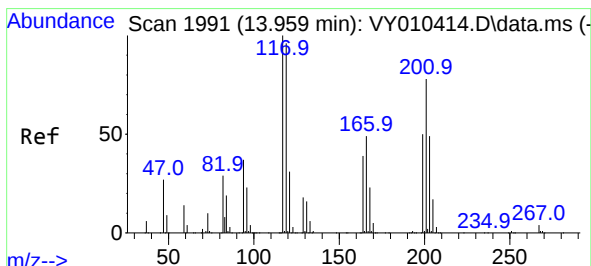
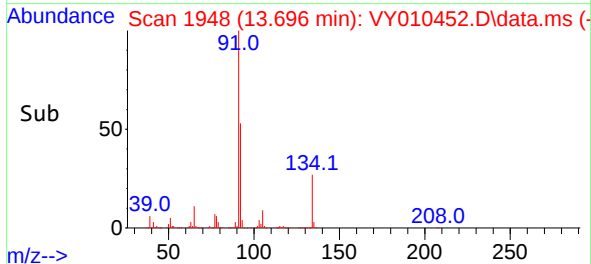
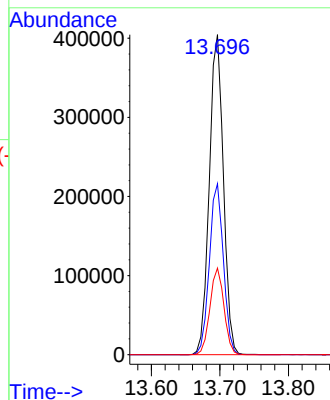
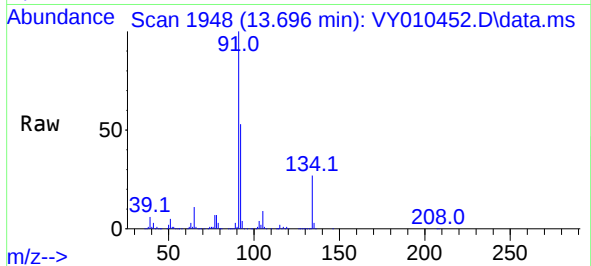




#89
n-Butylbenzene
Concen: 52.104 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

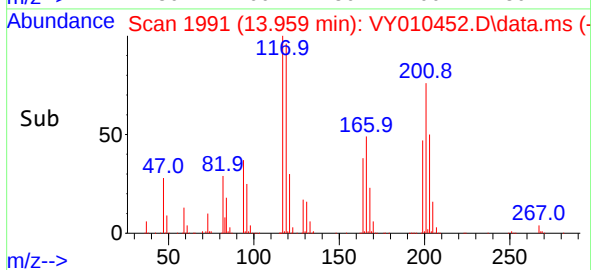
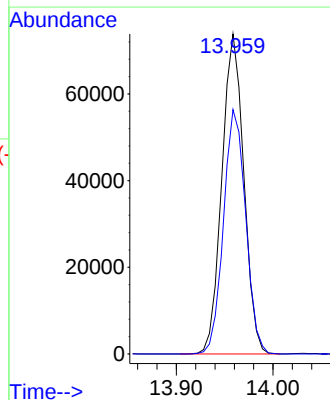
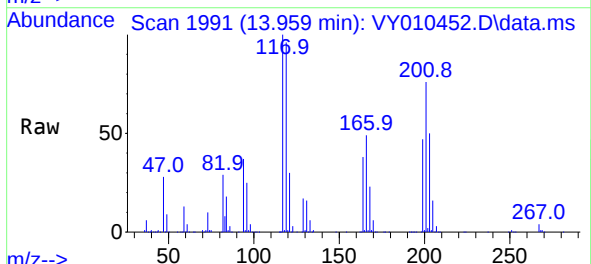
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

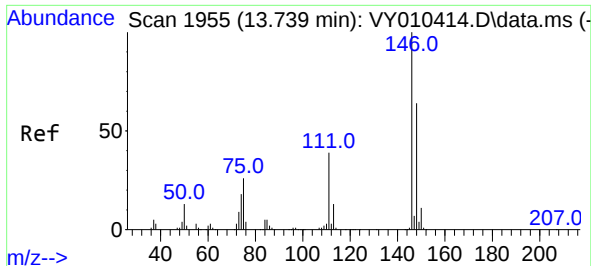
Tgt Ion: 91 Resp: 580416
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 26.9 13.0 38.9



#90
Hexachloroethane
Concen: 50.461 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion: 117 Resp: 116270
Ion Ratio Lower Upper
117 100
201 77.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 49.752 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

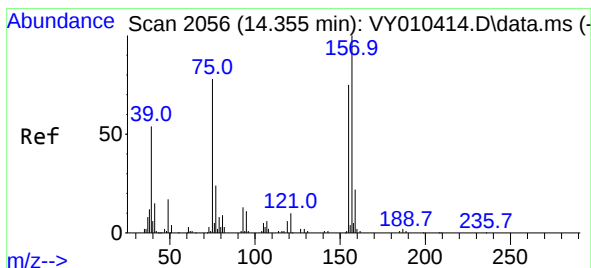
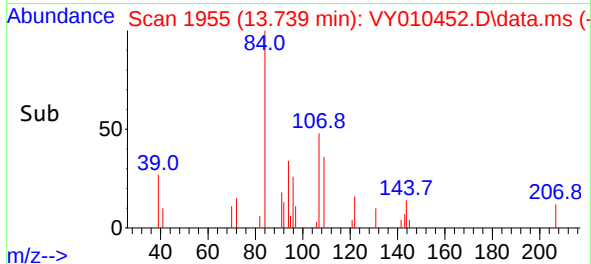
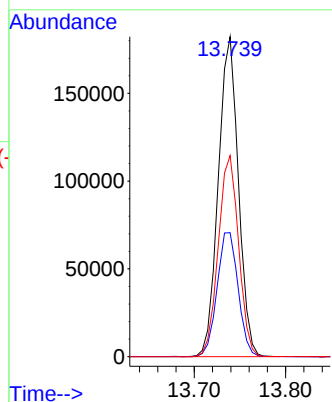
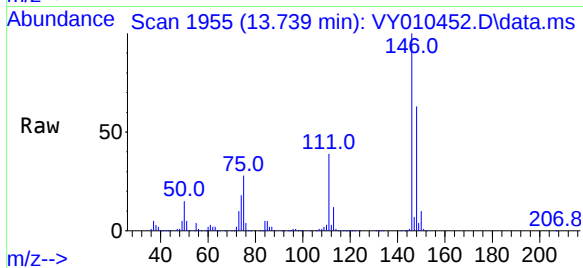
Tgt Ion:146 Resp: 278574

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

148 63.6 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.169 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010452.D

Acq: 13 Sep 2022 12:05

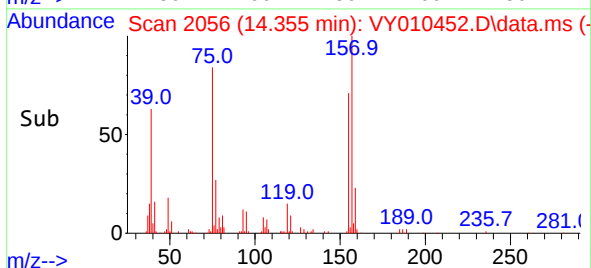
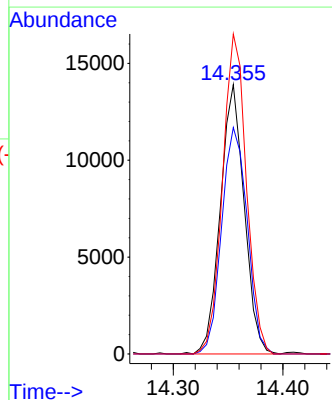
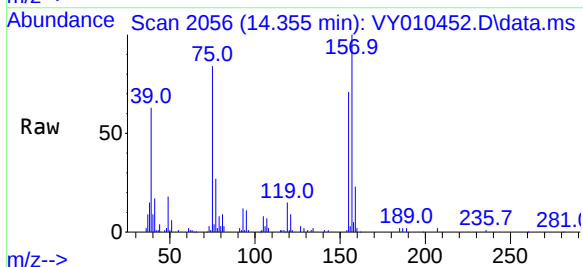
Tgt Ion: 75 Resp: 21046

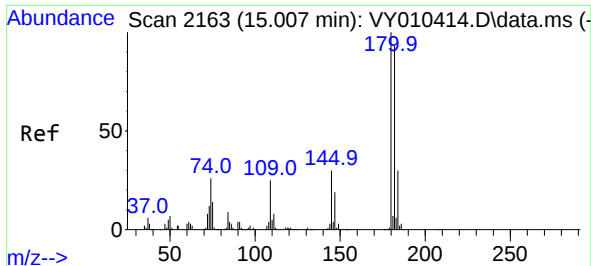
Ion Ratio Lower Upper

75 100

155 89.7 38.0 113.9

157 118.4 47.8 143.3

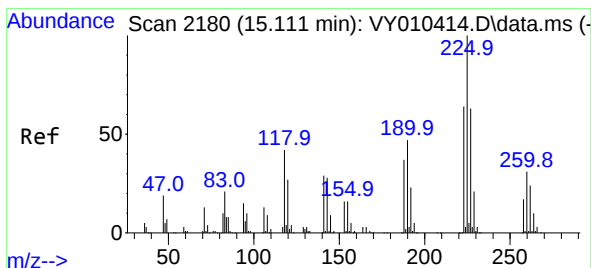
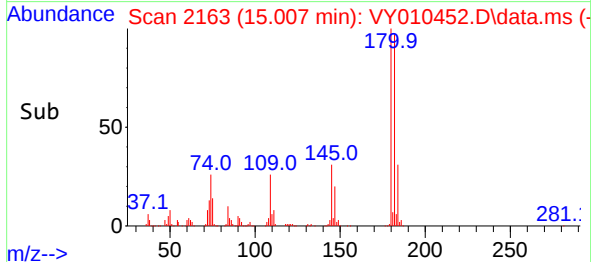
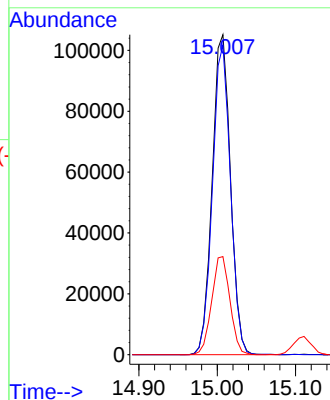
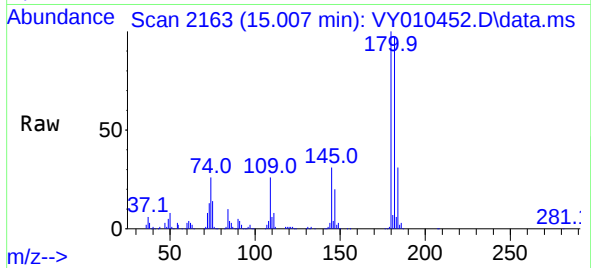




#93
1,2,4-Trichlorobenzene
Concen: 48.947 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

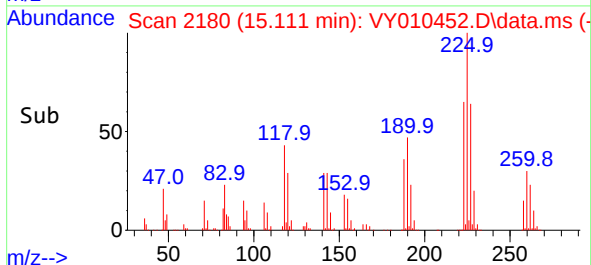
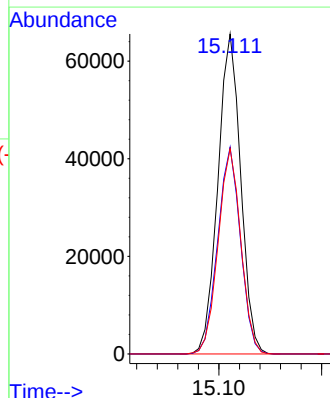
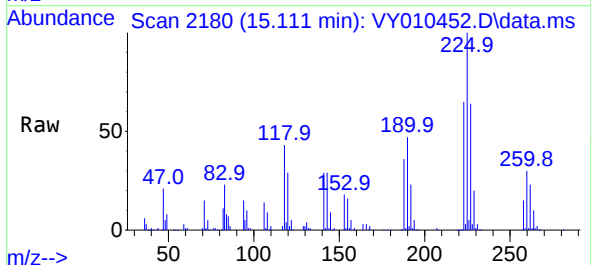
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

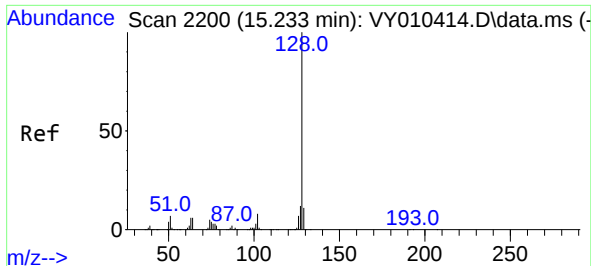
Tgt Ion:180 Resp: 170217
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 30.7 14.6 43.8



#94
Hexachlorobutadiene
Concen: 48.046 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:225 Resp: 100813
Ion Ratio Lower Upper
225 100
223 64.4 30.8 92.3
227 63.7 31.6 94.7

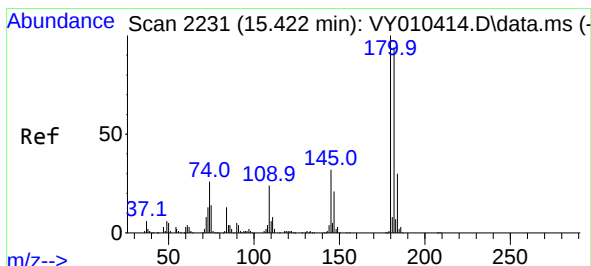
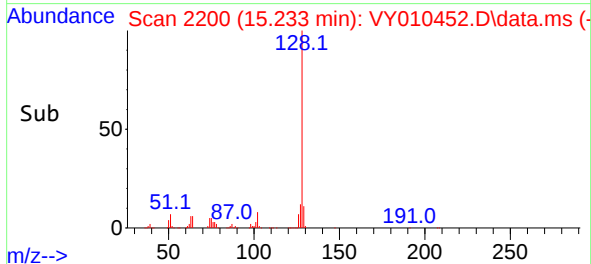
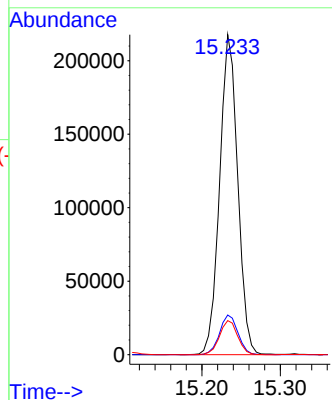
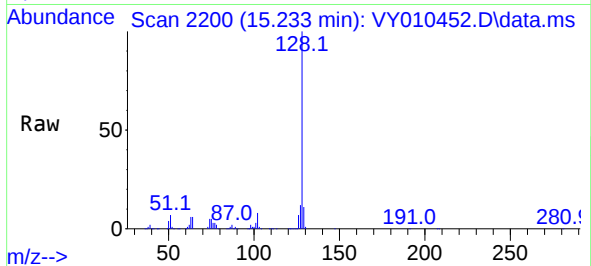




#95
Naphthalene
Concen: 50.974 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 349638
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.4
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 48.828 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010452.D
Acq: 13 Sep 2022 12:05

Tgt Ion:180 Resp: 148229
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 32.0 15.3 45.9

