

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010546.D
 Acq On : 19 Sep 2022 11:07
 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 20 01:03:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	213967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	318892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110048	53.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.540%	
35) Dibromofluoromethane	7.710	113	116418	56.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.340%	
50) Toluene-d8	10.179	98	404036	52.577	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.477	95	157048	55.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	66090	70.039	ug/l	97
3) Chloromethane	2.107	50	98546	69.309	ug/l	98
4) Vinyl Chloride	2.247	62	128989	69.073	ug/l	97
5) Bromomethane	2.637	94	91788	73.862	ug/l	100
6) Chloroethane	2.784	64	93218	61.846	ug/l	100
7) Trichlorofluoromethane	3.119	101	178705	63.563	ug/l	94
8) Diethyl Ether	3.521	74	61271	63.561	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	110111	65.075	ug/l	96
10) Methyl Iodide	4.082	142	124886	63.890	ug/l	91
11) Tert butyl alcohol	4.942	59	58556	323.005	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	97098	64.265	ug/l	84
13) Acrolein	3.723	56	50862	534.251	ug/l	98
14) Allyl chloride	4.472	41	145941	64.069	ug/l #	93
15) Acrylonitrile	5.149	53	165759	331.302	ug/l	98
16) Acetone	3.942	43	158615	380.059	ug/l #	88
17) Carbon Disulfide	4.186	76	200389	70.081	ug/l	99
18) Methyl Acetate	4.466	43	76489	65.422	ug/l #	87
19) Methyl tert-butyl Ether	5.210	73	312822	66.409	ug/l	96
20) Methylene Chloride	4.710	84	141121	67.691	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	108046	63.547	ug/l	87
22) Diisopropyl ether	6.112	45	353698	65.780	ug/l #	92
23) Vinyl Acetate	6.051	43	1102602	347.120	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	210107	65.106	ug/l	98
25) 2-Butanone	6.978	43	224051	343.221	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	203624	65.615	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	138470	65.371	ug/l	87
28) Bromochloromethane	7.326	49	64199	43.179	ug/l #	80
29) Tetrahydrofuran	7.338	42	133063	331.876	ug/l #	82
30) Chloroform	7.502	83	229979	65.870	ug/l	100
31) Cyclohexane	7.777	56	155361	68.942	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	206720	66.526	ug/l	96
36) 1,1-Dichloropropene	7.911	75	155879	67.502	ug/l	97
37) Ethyl Acetate	7.070	43	92053	69.015	ug/l #	92
38) Carbon Tetrachloride	7.893	117	182453	68.715	ug/l	99
39) Methylcyclohexane	9.179	83	179464	66.399	ug/l	89
40) Benzene	8.155	78	464191	67.428	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	125584	184.596	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	143351	67.623	ug/l	92
43) Isopropyl Acetate	8.271	43	170550	69.757	ug/l #	91
44) Trichloroethene	8.935	130	132098	67.031	ug/l	99
45) 1,2-Dichloropropane	9.209	63	120353	67.580	ug/l	94
46) Dibromomethane	9.301	93	71214	68.093	ug/l	98
47) Bromodichloromethane	9.490	83	177016	68.549	ug/l	99
48) Methyl methacrylate	9.289	41	75594	70.041	ug/l #	83
49) 1,4-Dioxane	9.295	88	21478	1396.588	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	484426	350.941	ug/l	89
52) Toluene	10.240	92	308080	68.396	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	179803	68.861	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	199529	68.540	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	105511	68.589	ug/l	98
56) Ethyl methacrylate	10.508	69	141457	70.982	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	174382	68.435	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	203968	186.462	ug/l	92
59) 2-Hexanone	10.831	43	344504	368.213	ug/l	86
60) Dibromochloromethane	10.983	129	130513	69.328	ug/l	99
61) 1,2-Dibromoethane	11.087	107	99162	68.855	ug/l	99
64) Tetrachloroethene	10.715	164	131451	61.708	ug/l	98
65) Chlorobenzene	11.514	112	342187	62.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	136747	63.654	ug/l	99
67) Ethyl Benzene	11.593	91	608721	62.864	ug/l	97
68) m/p-Xylenes	11.697	106	470784	125.504	ug/l	94
69) o-Xylene	12.026	106	233467	63.837	ug/l	93
70) Styrene	12.044	104	396834	63.874	ug/l	96
71) Bromoform	12.203	173	85080	63.779	ug/l #	99
73) Isopropylbenzene	12.325	105	625834	51.578	ug/l	100
74) N-amyl acetate	12.142	43	155037	52.691	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	125099	50.596	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	165520	88.332	ug/l #	100
77) Bromobenzene	12.605	156	145720	50.475	ug/l	94
78) n-propylbenzene	12.672	91	744951	51.544	ug/l	98
79) 2-Chlorotoluene	12.758	91	417602	50.710	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	532891	51.978	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43836	52.014	ug/l	88
82) 4-Chlorotoluene	12.855	91	432827	50.899	ug/l	98
83) tert-Butylbenzene	13.075	119	473118	51.600	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	529753	52.012	ug/l	99
85) sec-Butylbenzene	13.251	105	697273	51.925	ug/l	99
86) p-Isopropyltoluene	13.367	119	585334	52.161	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	297822	50.825	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	293583	50.621	ug/l	99
89) n-Butylbenzene	13.696	91	544713	52.877	ug/l	99
90) Hexachloroethane	13.959	117	112750	52.331	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	265600	50.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21189	51.356	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	170148	53.434	ug/l	99
94) Hexachlorobutadiene	15.111	225	101793	52.596	ug/l	99
95) Naphthalene	15.233	128	351930	54.851	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	147755	53.291	ug/l	98

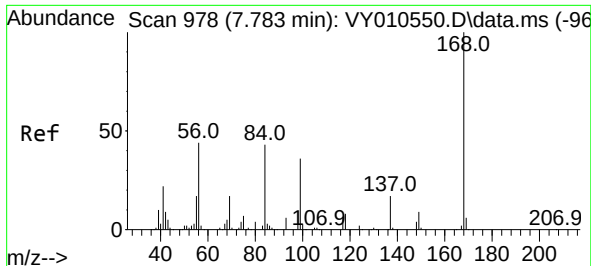
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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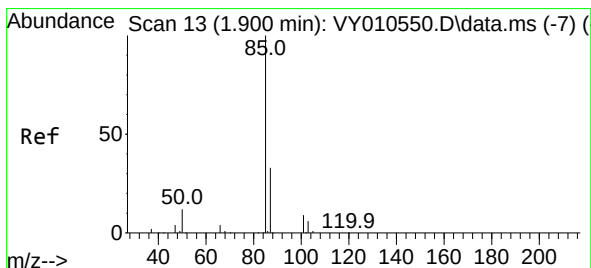
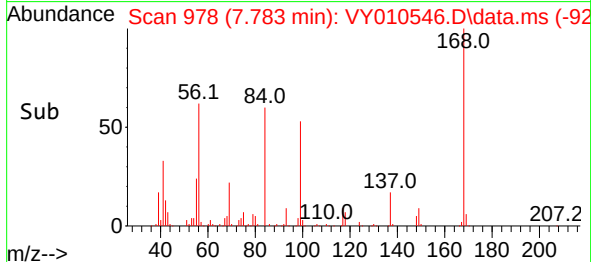
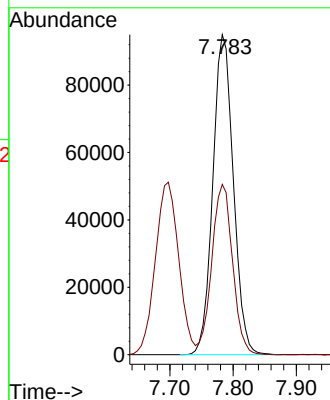
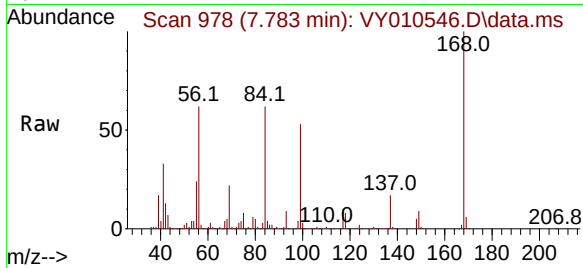
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

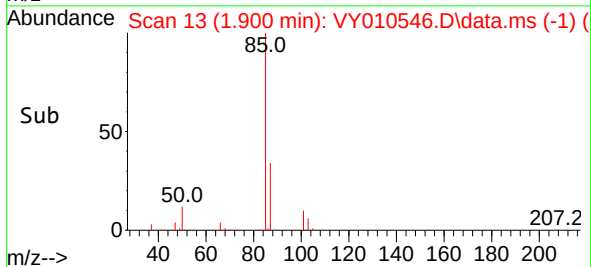
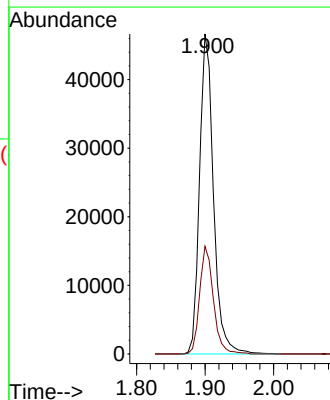
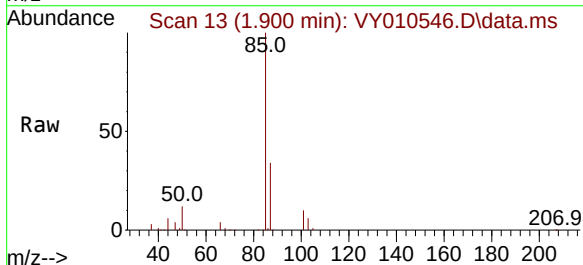
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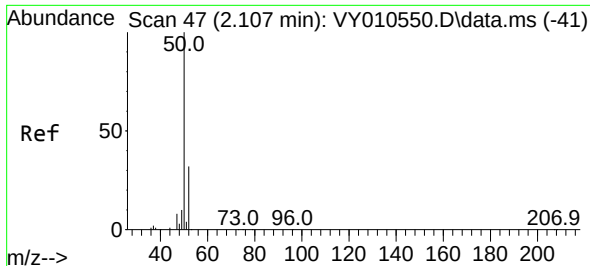
Tgt Ion:168 Resp: 213967
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 70.039 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 85 Resp: 66090
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.2

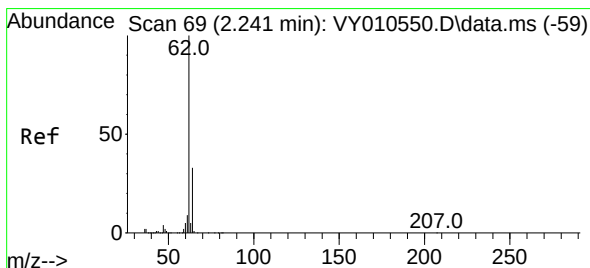
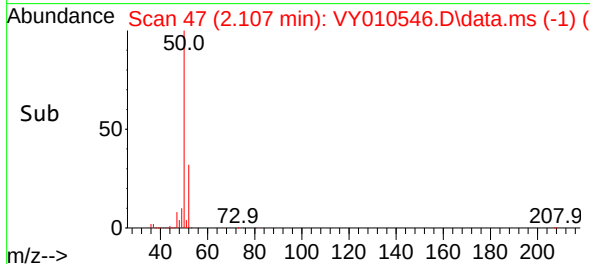
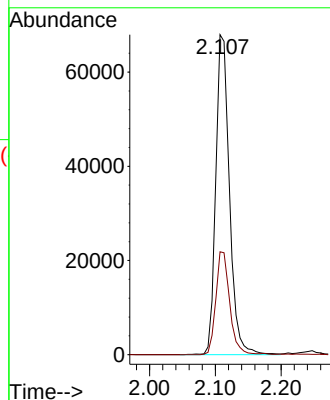
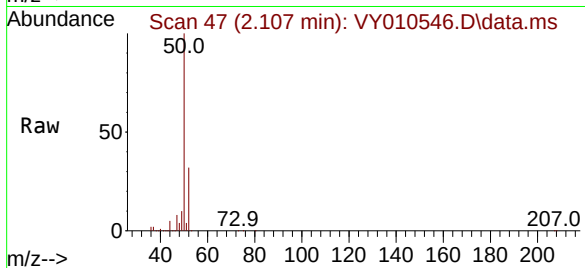




#3
Chloromethane
Concen: 69.309 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

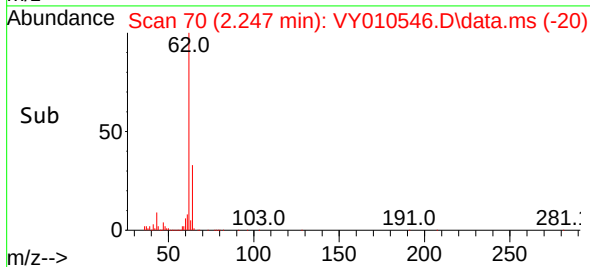
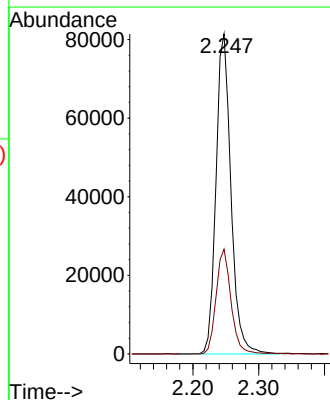
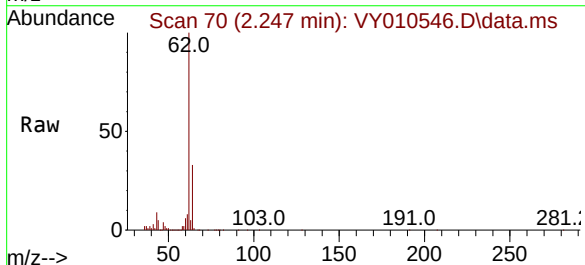
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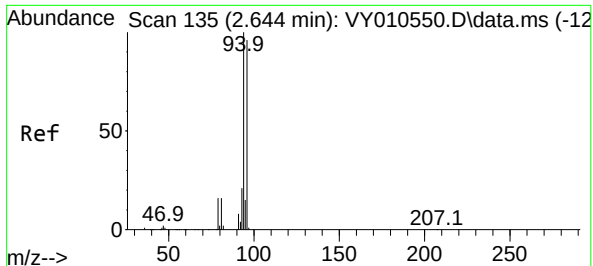
Tgt Ion: 50 Resp: 98546
Ion Ratio Lower Upper
50 100
52 32.1 24.6 37.0



#4
Vinyl Chloride
Concen: 69.073 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 62 Resp: 128989
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

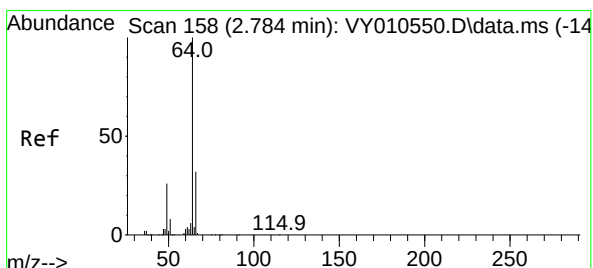
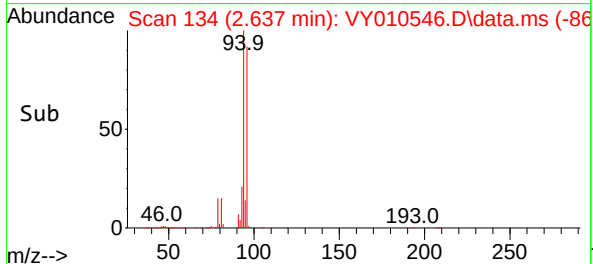
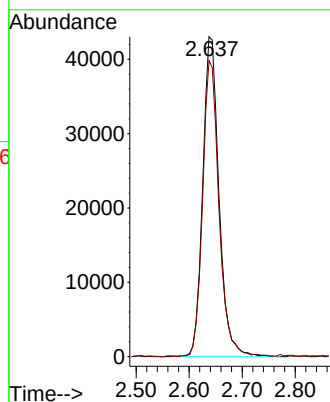
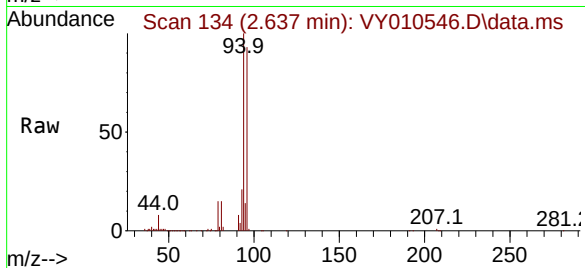




#5
Bromomethane
Concen: 73.862 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

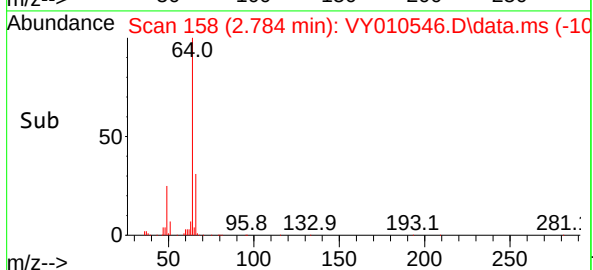
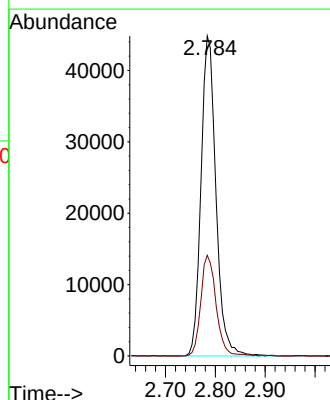
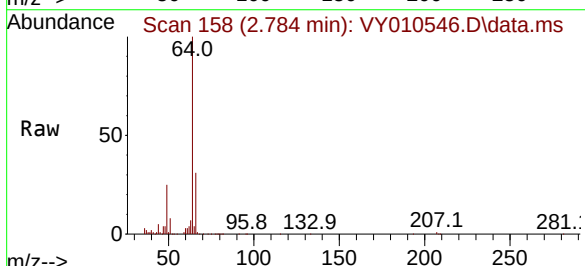
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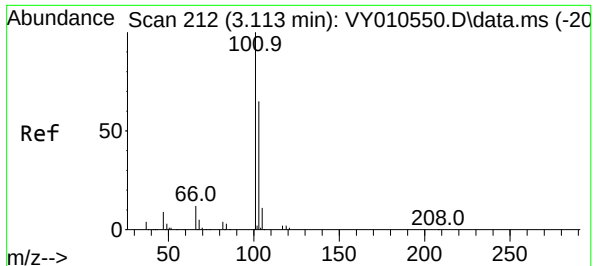
Tgt Ion: 94 Resp: 91788
Ion Ratio Lower Upper
94 100
96 92.2 73.5 110.3



#6
Chloroethane
Concen: 61.846 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 64 Resp: 93218
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.0

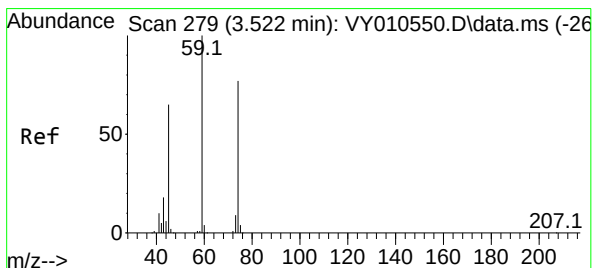
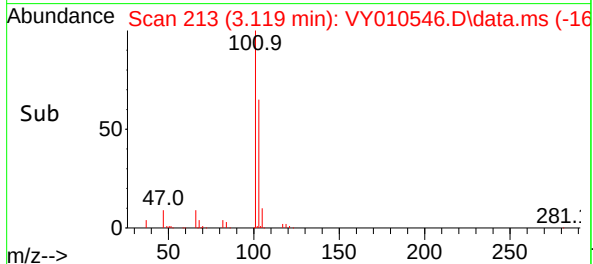
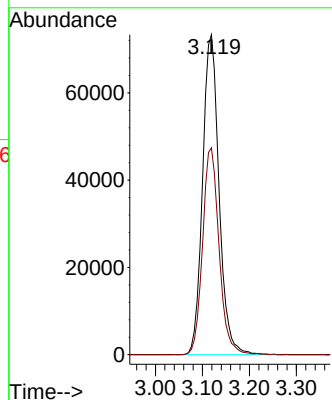
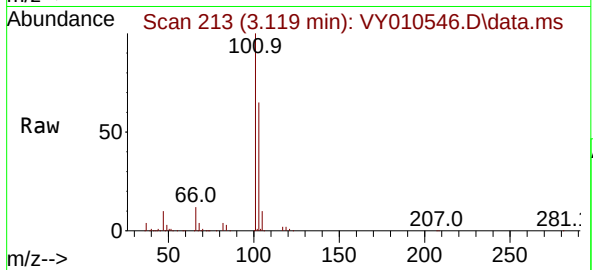




#7
Trichlorofluoromethane
Concen: 63.563 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

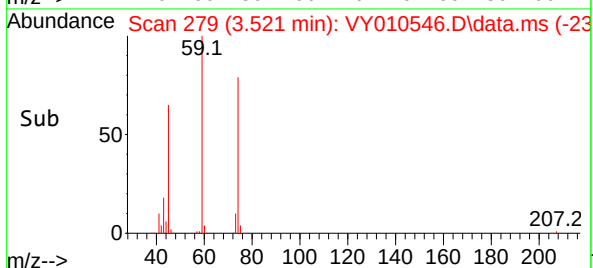
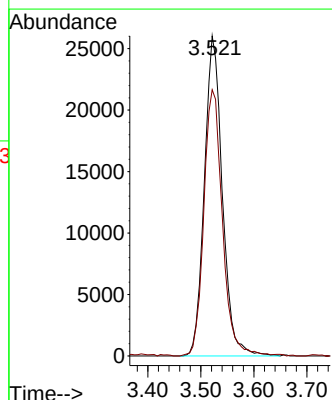
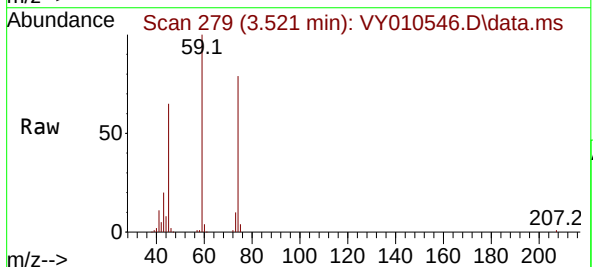
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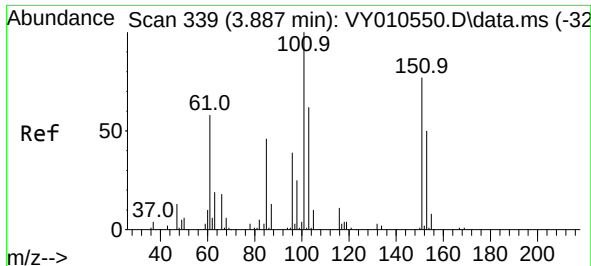
Tgt Ion:101 Resp: 178705
Ion Ratio Lower Upper
101 100
103 64.7 48.0 72.0



#8
Diethyl Ether
Concen: 63.561 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.001 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 74 Resp: 61271
Ion Ratio Lower Upper
74 100
45 86.2 55.1 165.5

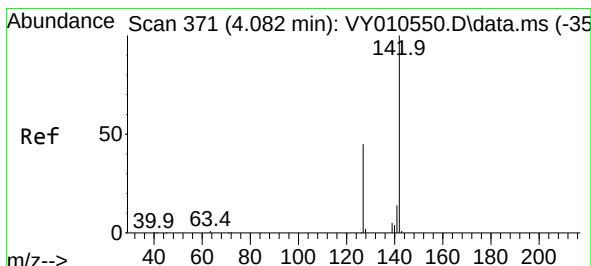
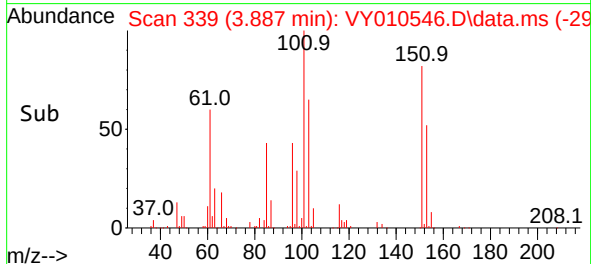
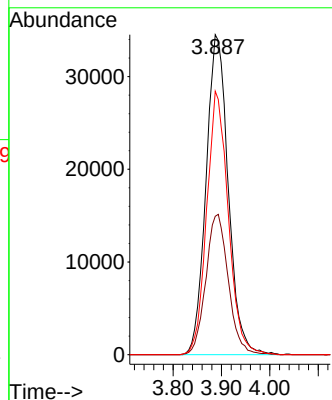
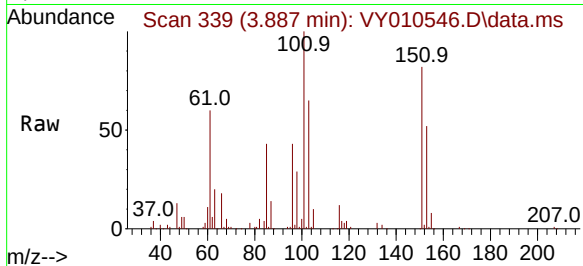




#9
1,1,2-Trichlorotrifluoroethane
Concen: 65.075 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY010546.D
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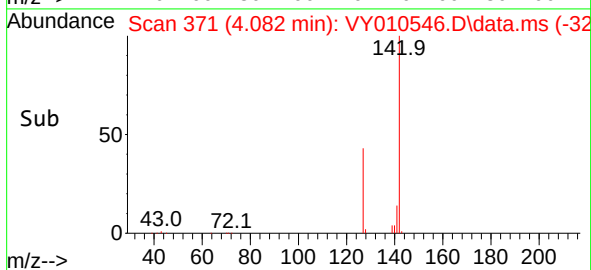
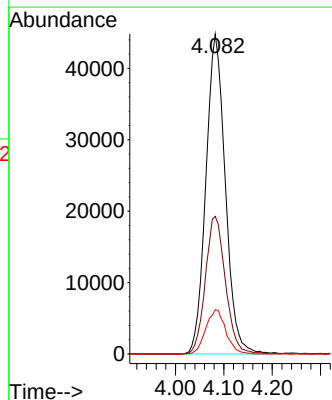
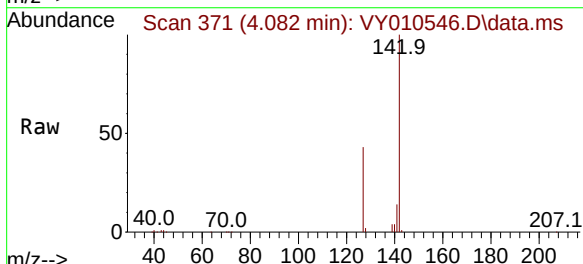
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ClientSampleId :
VSTDCCC050

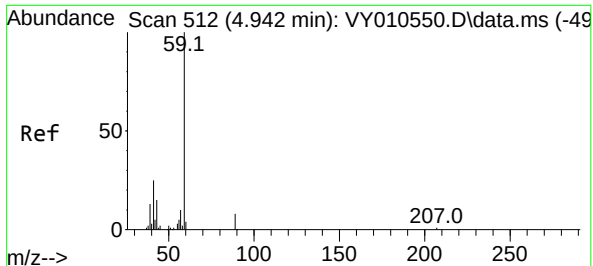
Tgt Ion:101 Resp: 110111
Ion Ratio Lower Upper
101 100
85 44.5 40.6 60.8
151 80.0 64.9 97.3



#10
Methyl Iodide
Concen: 63.890 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion:142 Resp: 124886
Ion Ratio Lower Upper
142 100
127 44.5 41.5 62.3
141 14.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 323.005 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

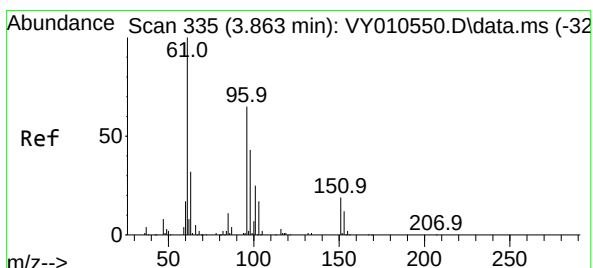
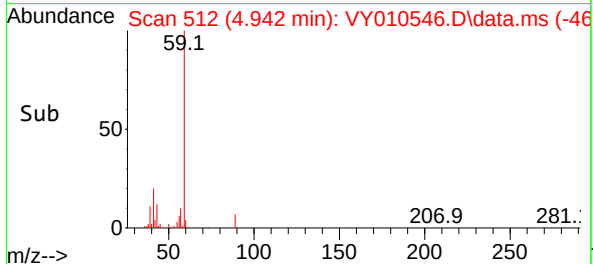
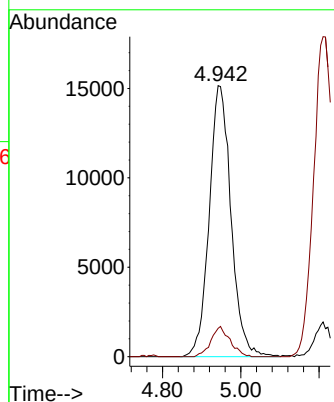
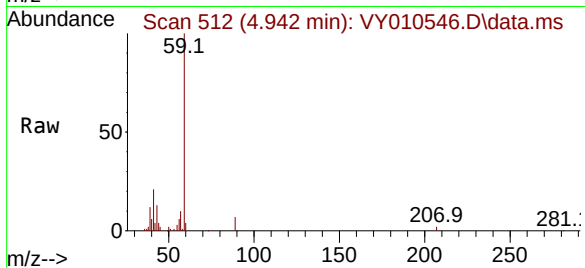
VSTDCCC050

Tgt Ion: 59 Resp: 58556

Ion Ratio Lower Upper

59 100

57 9.8 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 64.265 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

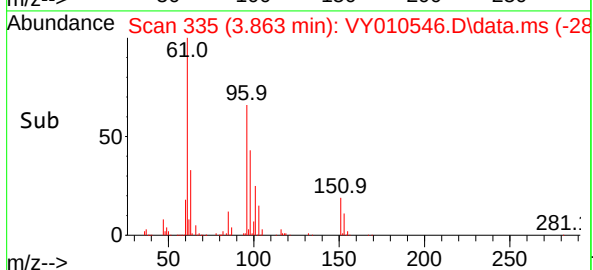
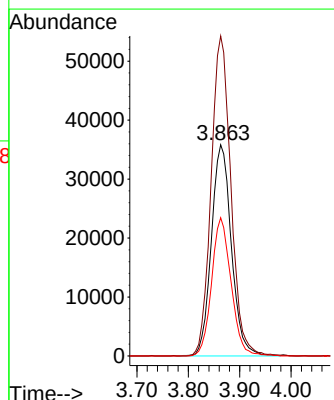
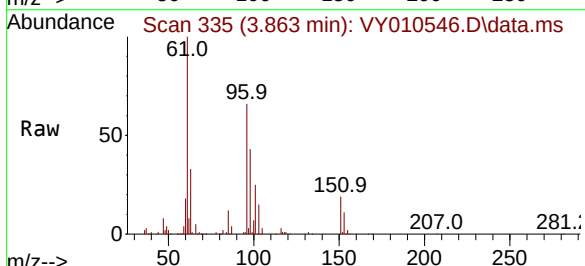
Tgt Ion: 96 Resp: 97098

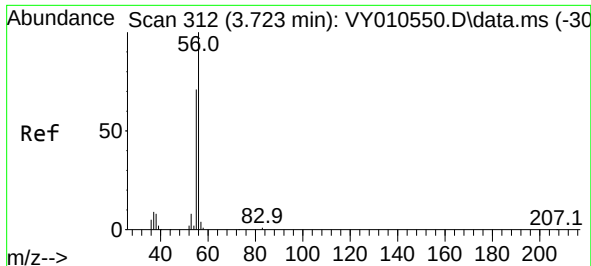
Ion Ratio Lower Upper

96 100

61 151.6 145.8 218.6

98 65.5 52.5 78.7

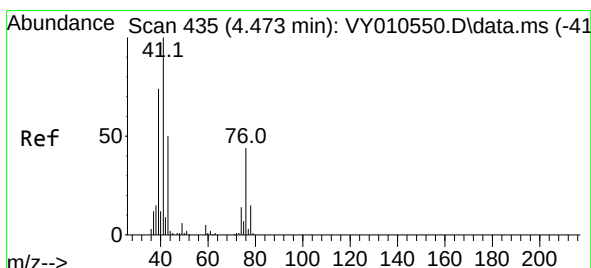
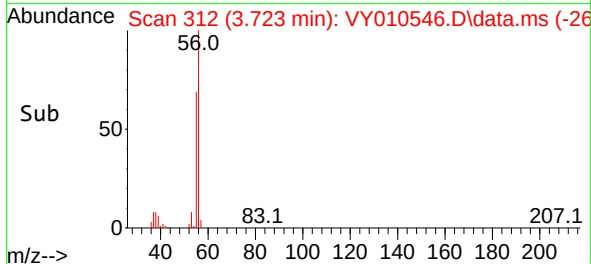
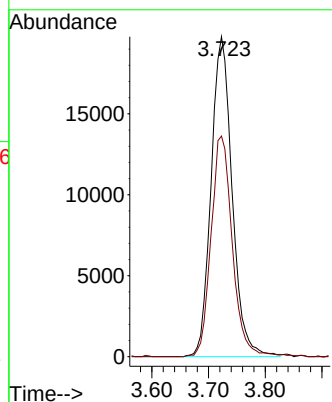
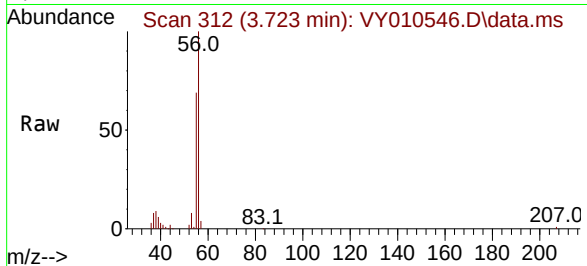




#13
Acrolein
Concen: 534.251 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

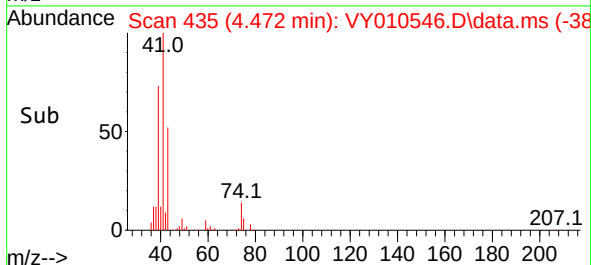
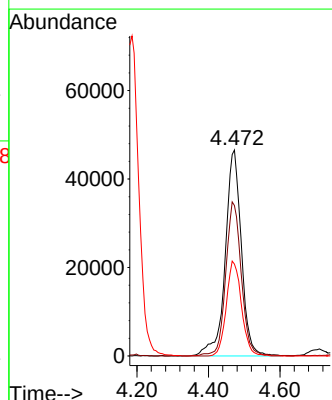
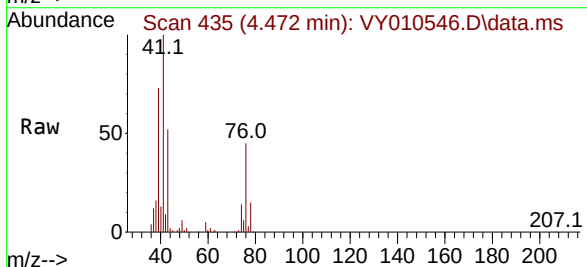
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

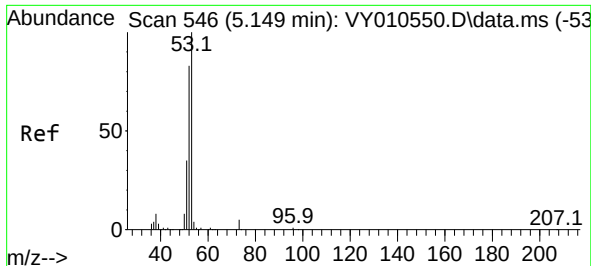
Tgt Ion: 56 Resp: 50862
Ion Ratio Lower Upper
56 100
55 70.1 57.6 86.4



#14
Allyl chloride
Concen: 64.069 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 41 Resp: 145941
Ion Ratio Lower Upper
41 100
39 72.4 58.8 88.2
76 43.3 25.1 37.7#

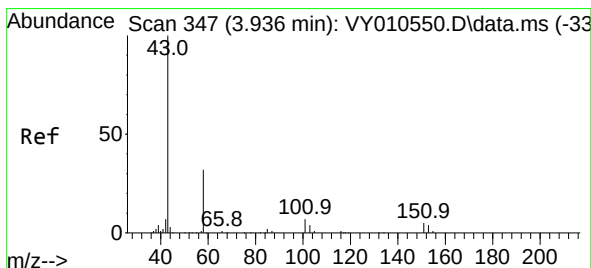
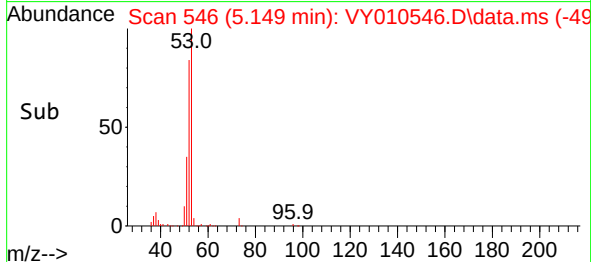
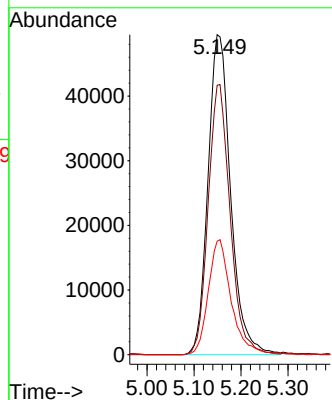
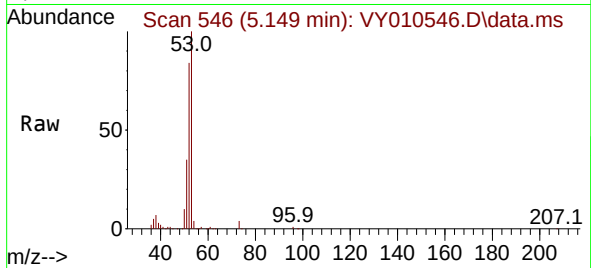




#15
Acrylonitrile
Concen: 331.302 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

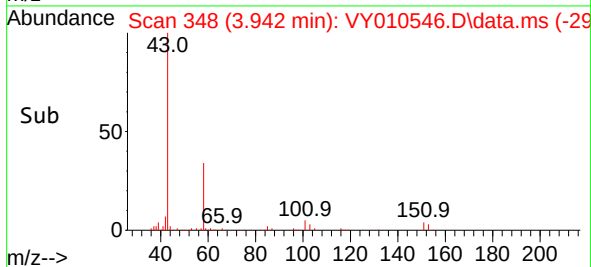
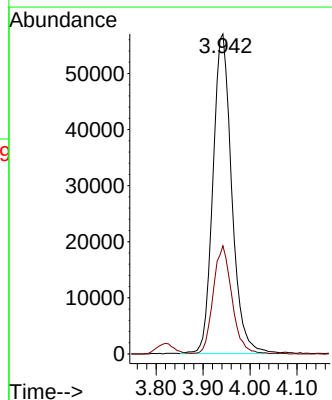
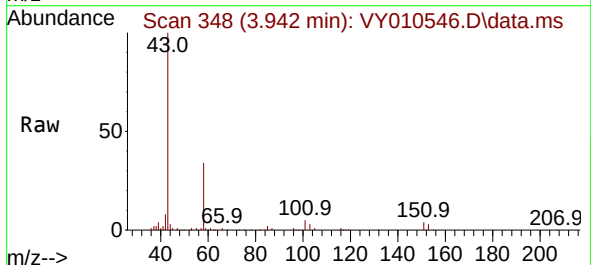
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

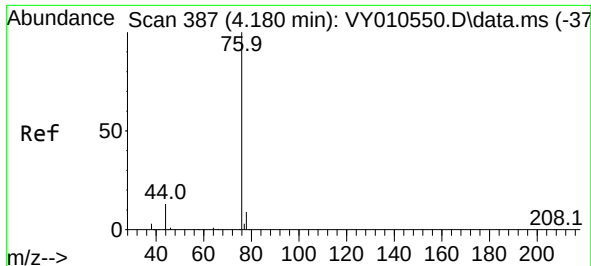
Tgt Ion: 53 Resp: 165759
Ion Ratio Lower Upper
53 100
52 82.1 67.0 100.4
51 36.3 29.8 44.6



#16
Acetone
Concen: 380.059 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 43 Resp: 158615
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#

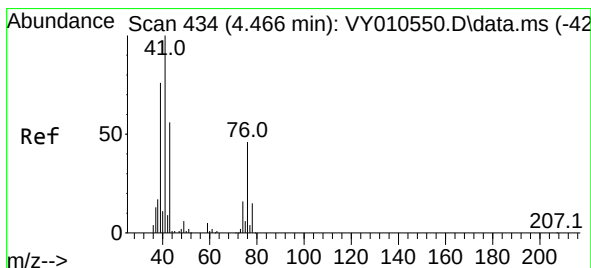
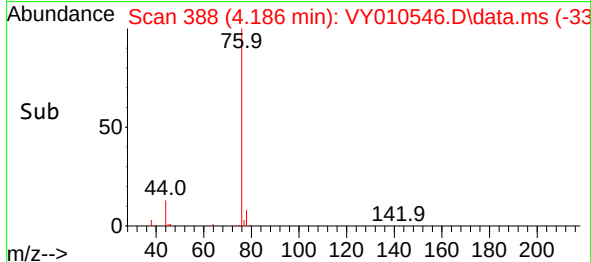
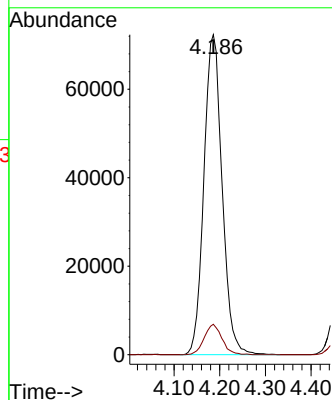
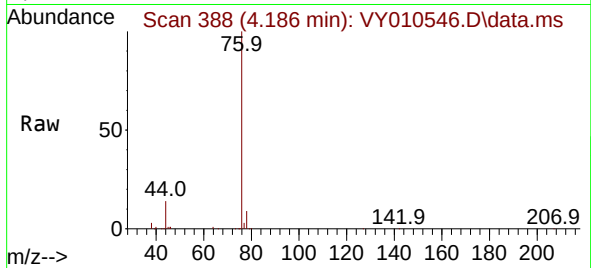




#17
Carbon Disulfide
Concen: 70.081 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

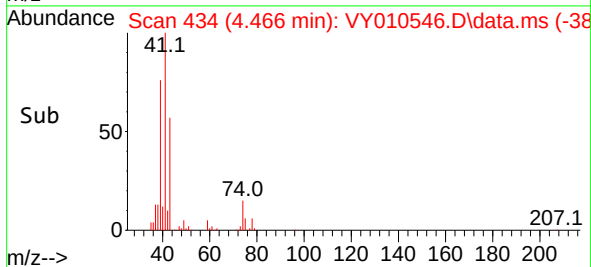
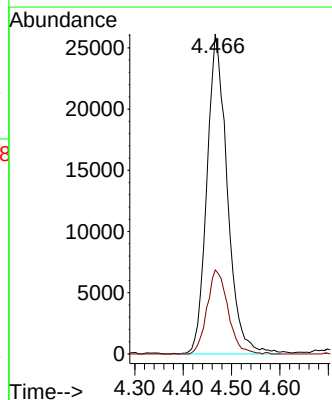
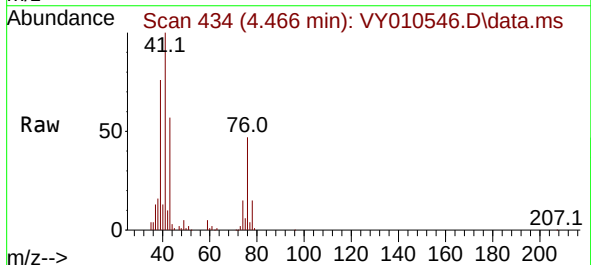
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

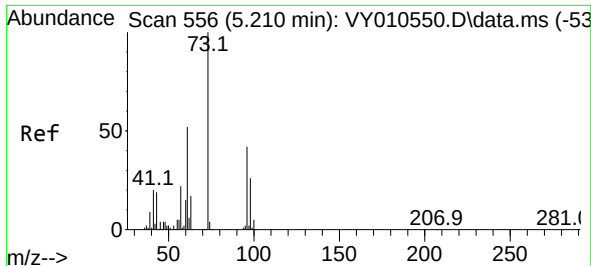
Tgt Ion: 76 Resp: 200389
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 65.422 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 43 Resp: 76489
Ion Ratio Lower Upper
43 100
74 27.0 16.6 24.8#

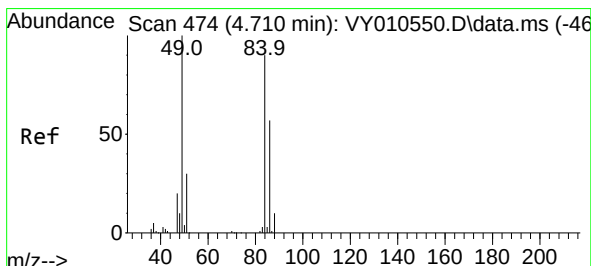
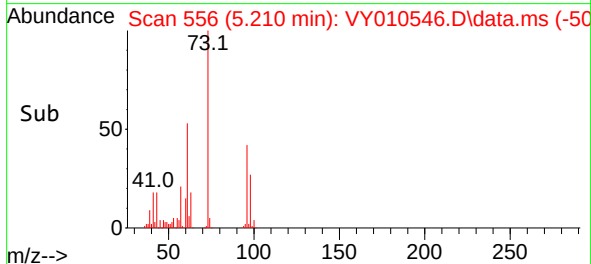
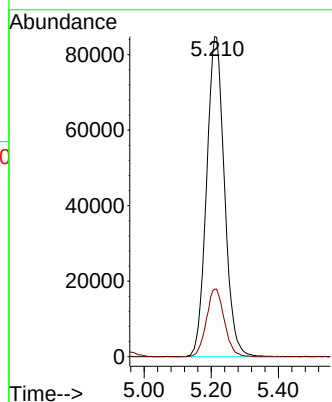
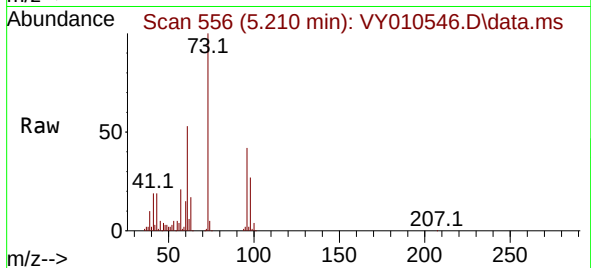




#19
Methyl tert-butyl Ether
Concen: 66.409 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

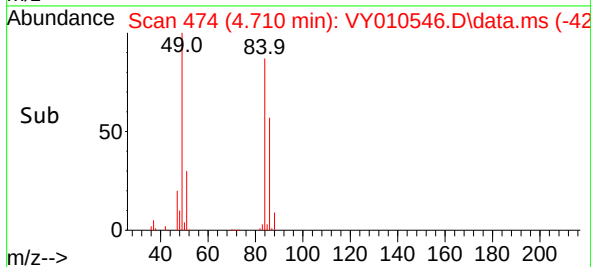
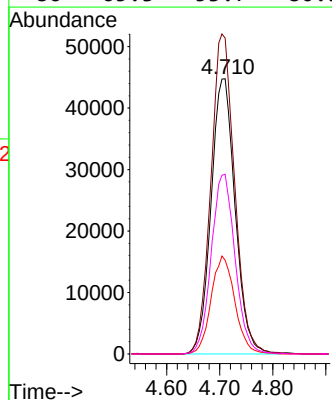
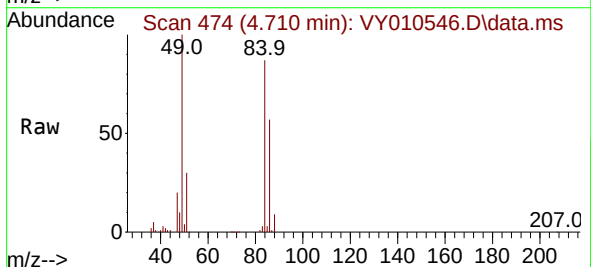
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

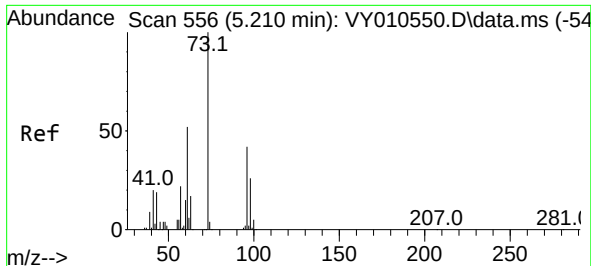
Tgt Ion: 73 Resp: 312822
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 67.691 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 84 Resp: 141121
Ion Ratio Lower Upper
84 100
49 114.7 114.4 171.6
51 34.1 35.3 52.9#
86 65.3 53.7 80.5

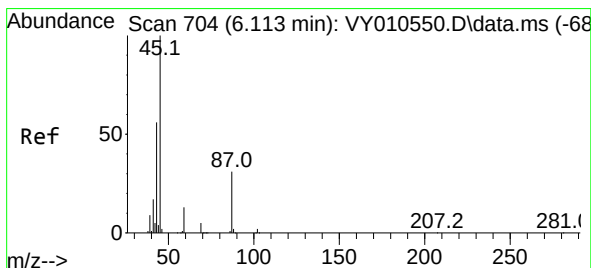
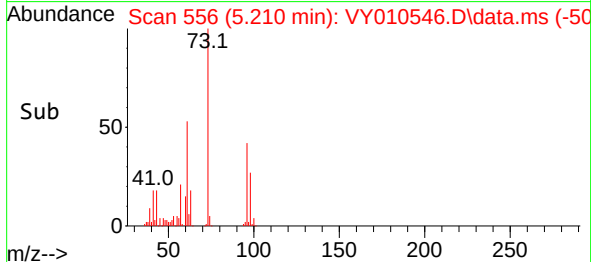
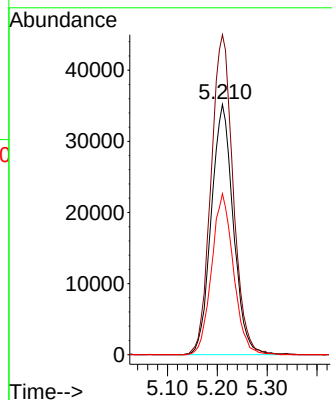
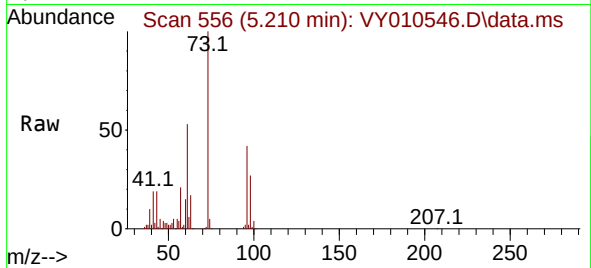




#21
trans-1,2-Dichloroethene
Concen: 63.547 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

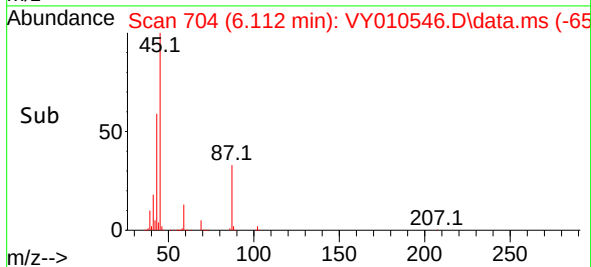
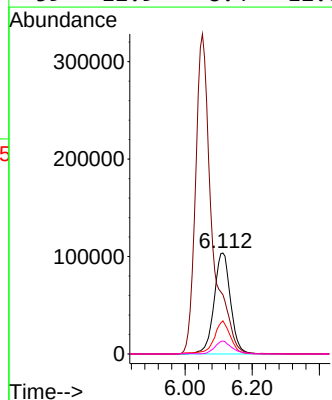
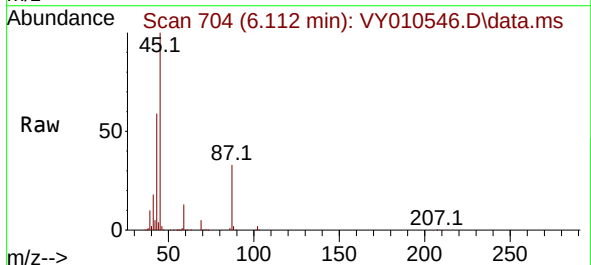
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

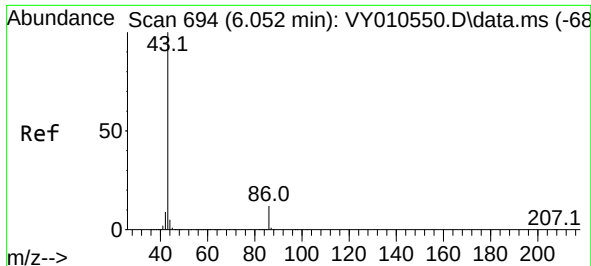
Tgt Ion: 96 Resp: 108046
Ion Ratio Lower Upper
96 100
61 127.9 120.5 180.7
98 64.3 49.8 74.8



#22
Diisopropyl ether
Concen: 65.780 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.001 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 45 Resp: 353698
Ion Ratio Lower Upper
45 100
43 58.4 49.3 73.9
87 32.8 19.2 28.8#
59 12.9 8.4 12.6#

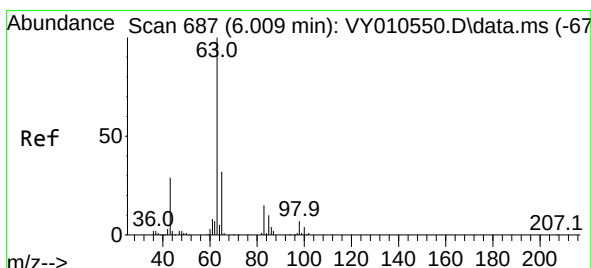
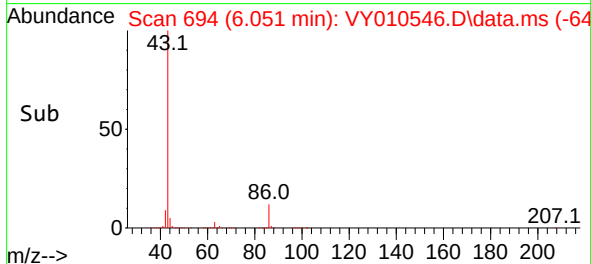
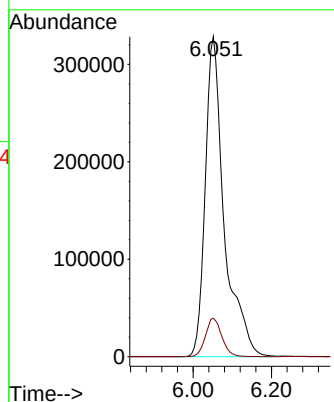
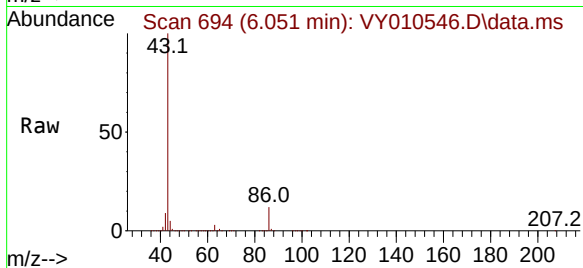




#23
 Vinyl Acetate
 Concen: 347.120 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY010546.D
 Acq: 19 Sep 2022 11:07

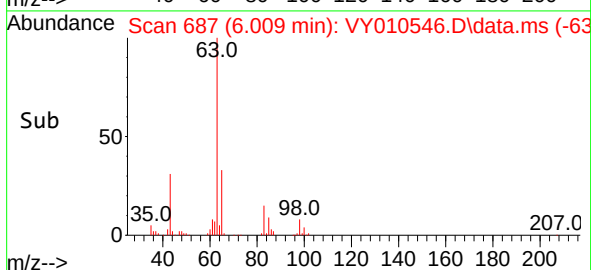
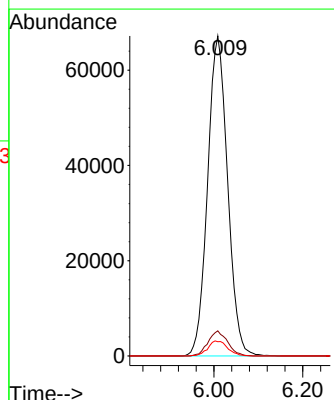
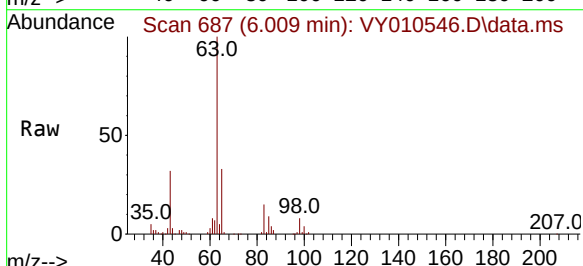
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

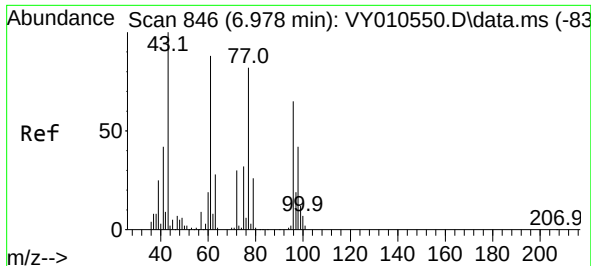
Tgt Ion: 43 Resp: 1102602
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 65.106 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010546.D
 Acq: 19 Sep 2022 11:07

Tgt Ion: 63 Resp: 210107
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.4 2.0 5.8

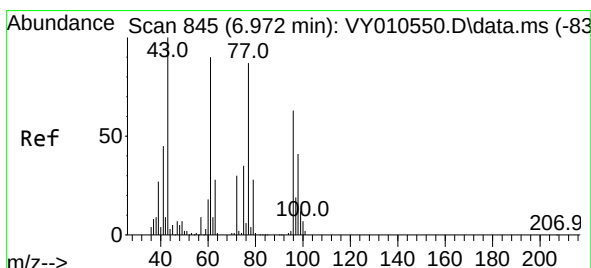
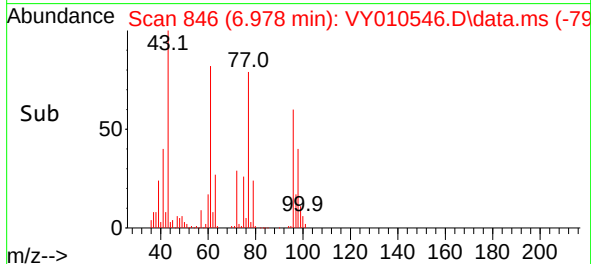
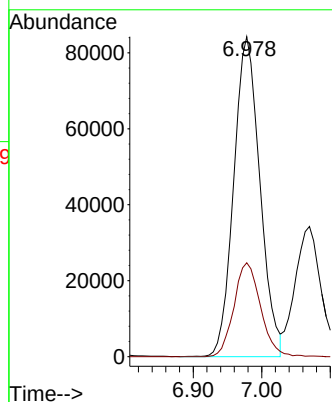
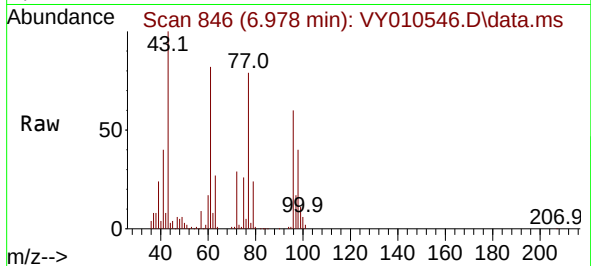




#25
2-Butanone
Concen: 343.221 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

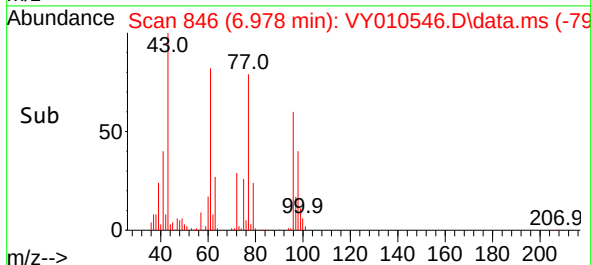
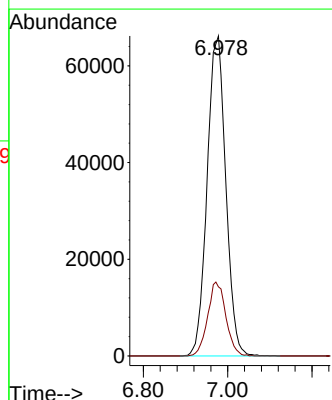
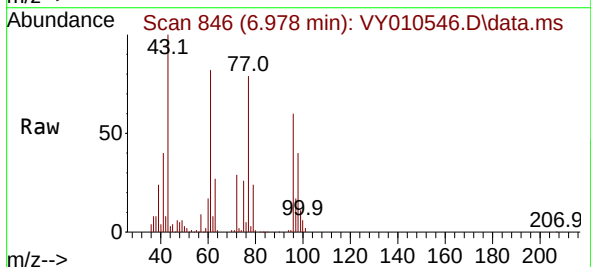
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

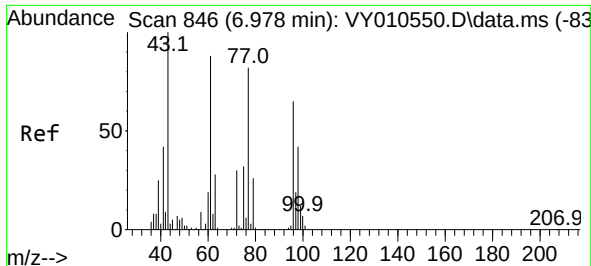
Tgt Ion: 43 Resp: 224051
Ion Ratio Lower Upper
43 100
72 29.4 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 65.615 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 77 Resp: 203624
Ion Ratio Lower Upper
77 100
97 22.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 65.371 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

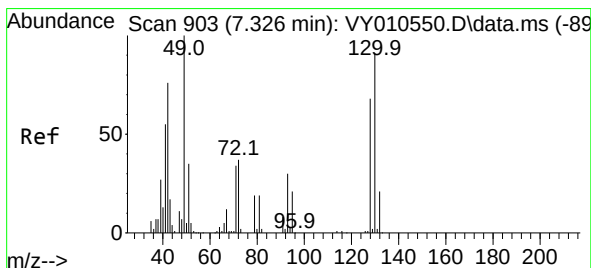
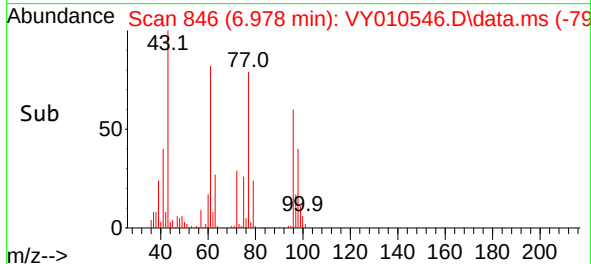
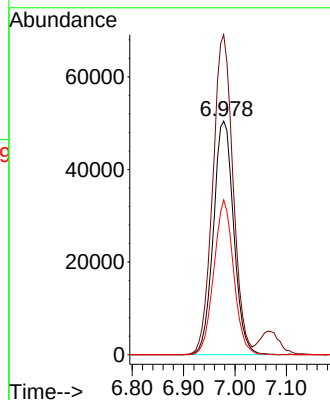
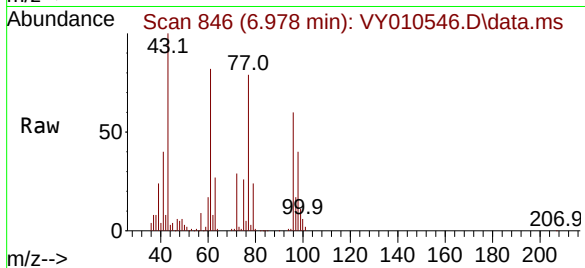
Tgt Ion: 96 Resp: 138470

Ion Ratio Lower Upper

96 100

61 136.8 0.0 319.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 43.179 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

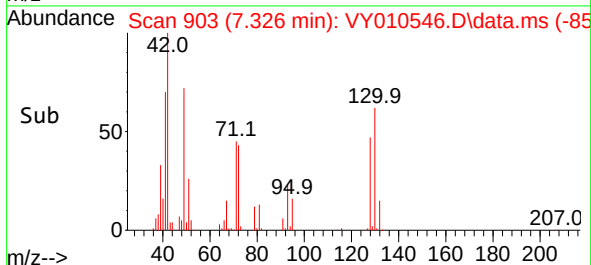
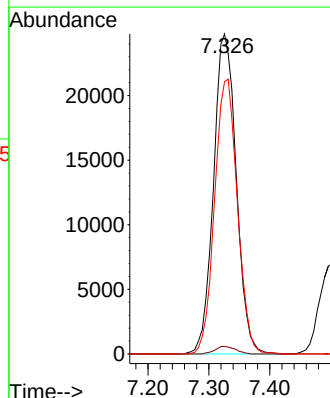
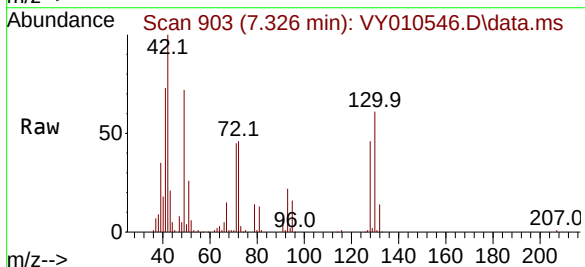
Tgt Ion: 49 Resp: 64199

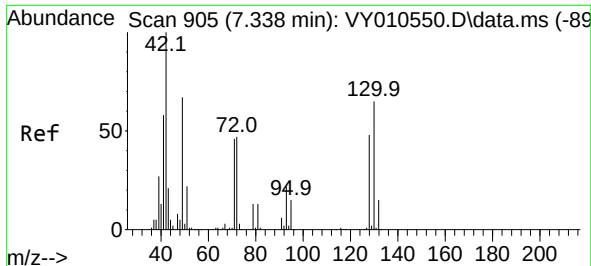
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 86.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 331.876 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

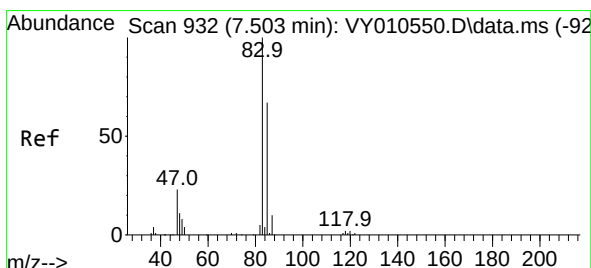
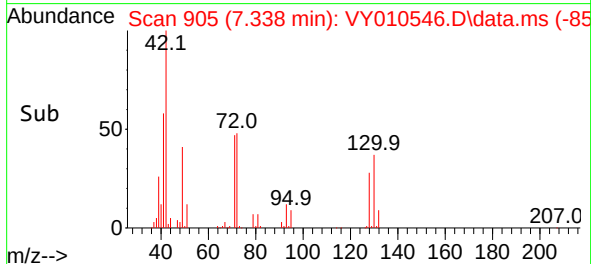
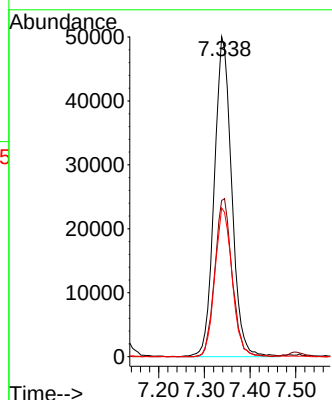
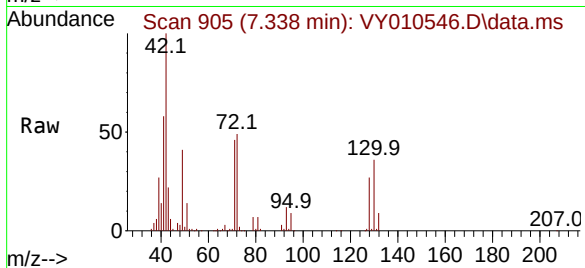
Tgt Ion: 42 Resp: 133063

Ion Ratio Lower Upper

42 100

72 49.1 30.3 45.5#

71 46.0 29.0 43.4#



#30

Chloroform

Concen: 65.870 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.001 min

Lab File: VY010546.D

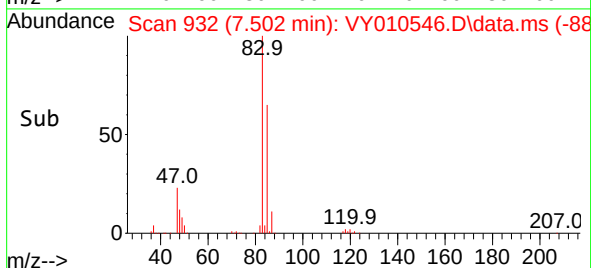
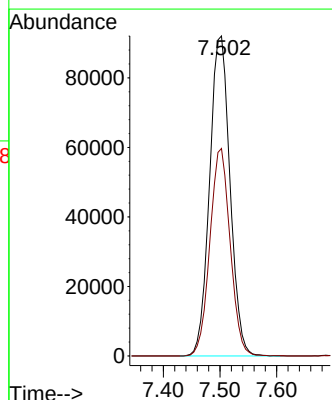
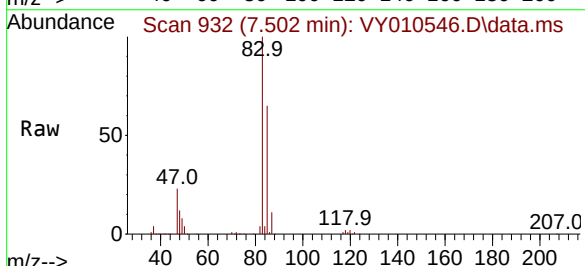
Acq: 19 Sep 2022 11:07

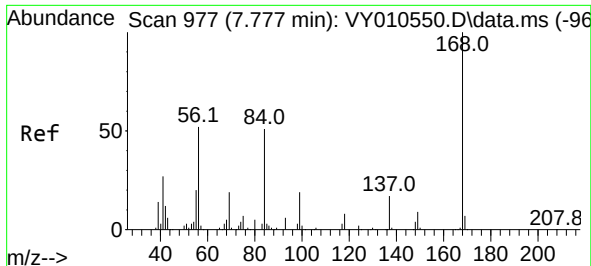
Tgt Ion: 83 Resp: 229979

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

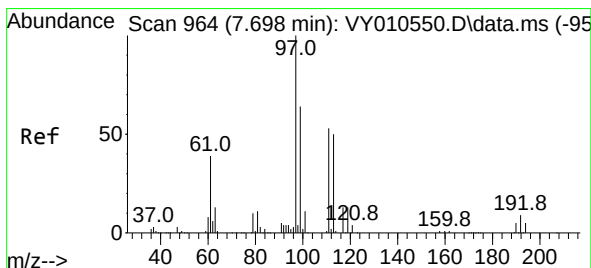
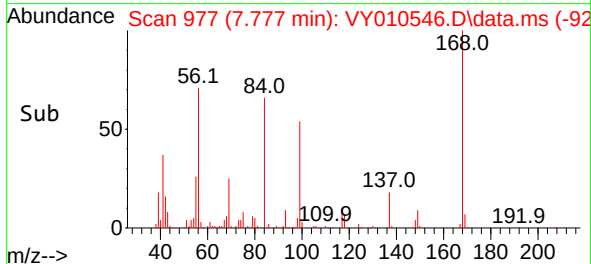
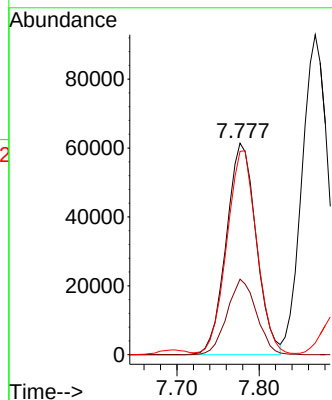
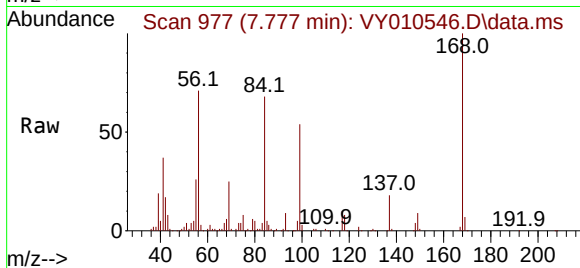




#31
Cyclohexane
Concen: 68.942 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

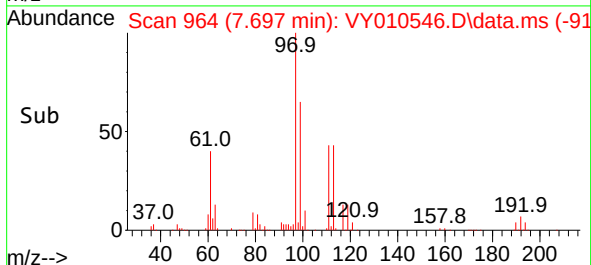
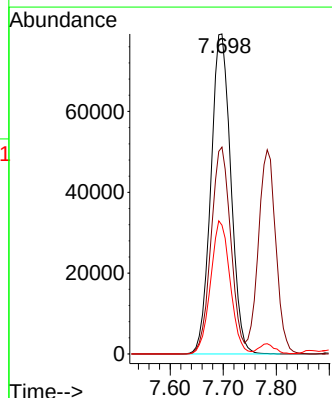
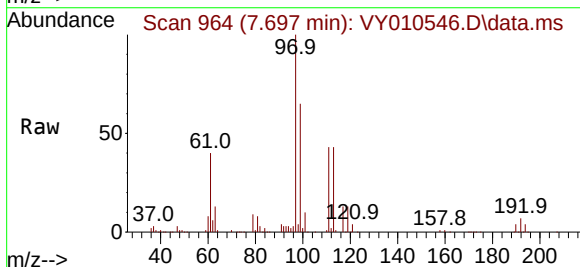
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

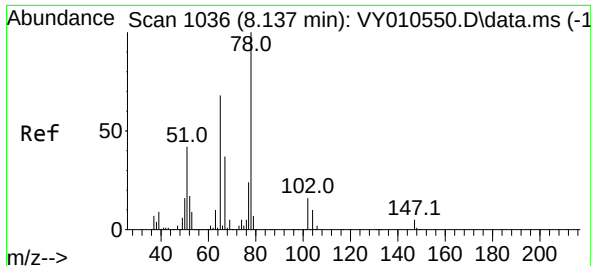
Tgt Ion: 56 Resp: 155361
Ion Ratio Lower Upper
56 100
69 35.7 26.7 40.1
84 94.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 66.526 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 97 Resp: 206720
Ion Ratio Lower Upper
97 100
99 63.8 50.7 76.1
61 40.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 53.773 ug/l

RT: 8.136 min Scan# 110048

Delta R.T. -0.001 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

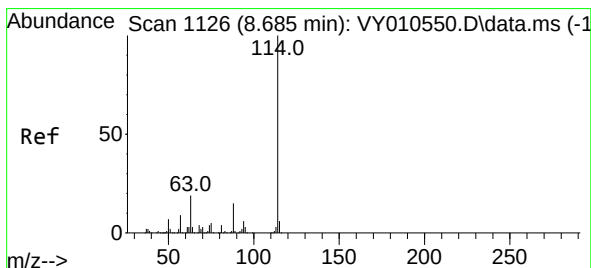
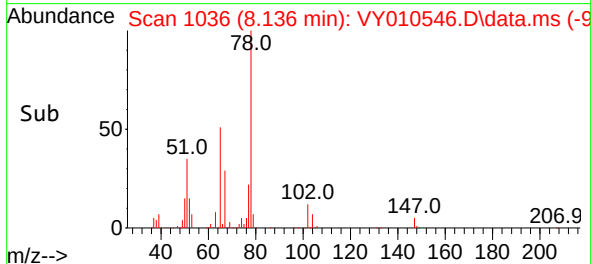
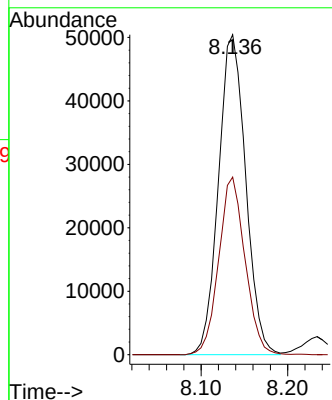
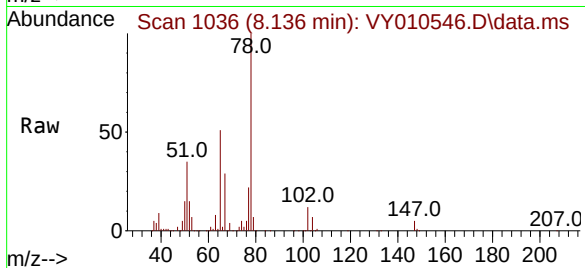
VSTDCCC050

Tgt Ion: 65 Resp: 110048

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: VY010546.D

Acq: 19 Sep 2022 11:07

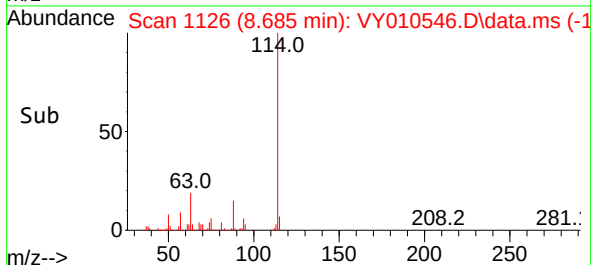
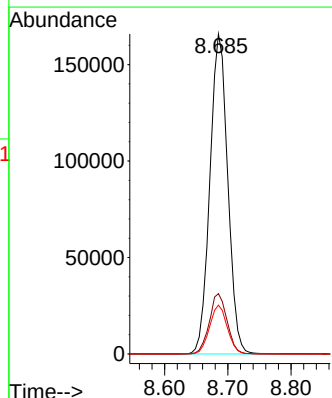
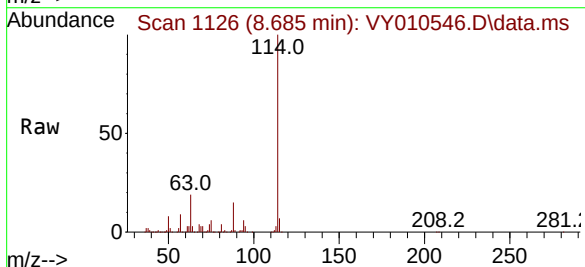
Tgt Ion: 114 Resp: 324746

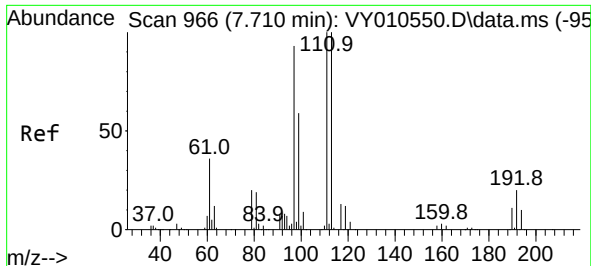
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.2 0.0 31.8

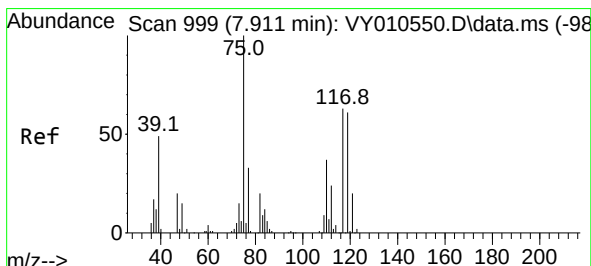
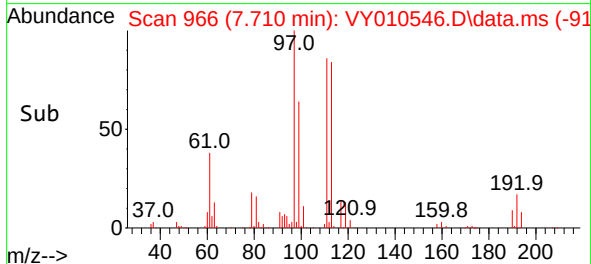
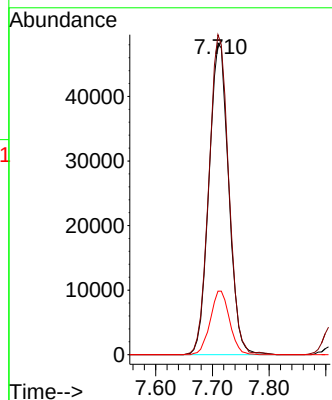
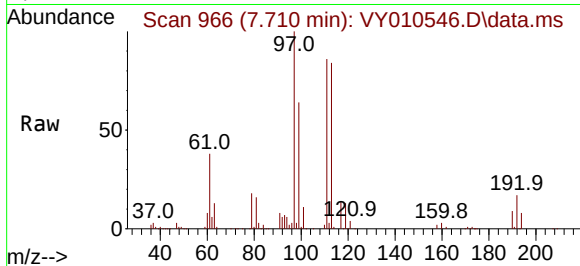




#35
Dibromofluoromethane
Concen: 56.172 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

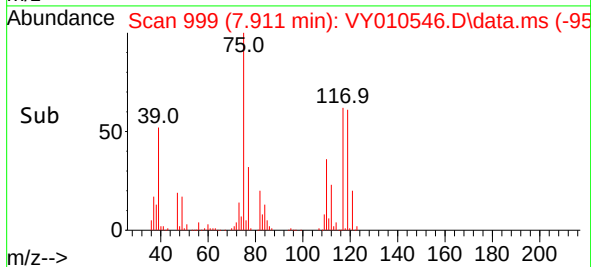
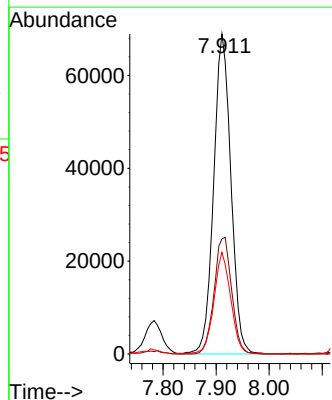
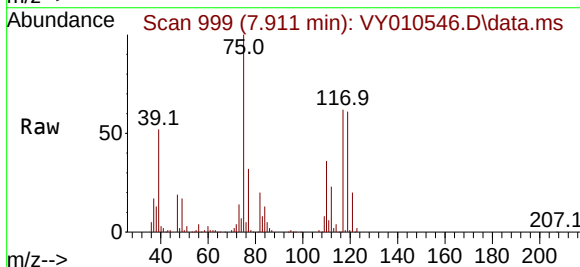
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

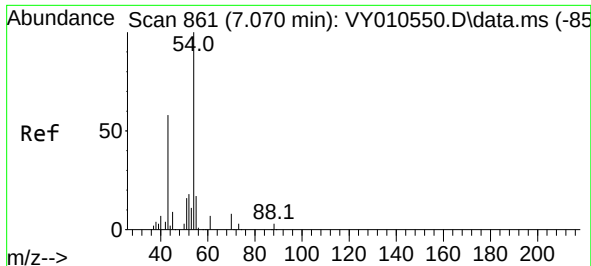
Tgt Ion:113 Resp: 116418
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 67.502 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 75 Resp: 155879
Ion Ratio Lower Upper
75 100
110 37.1 17.1 51.2
77 30.9 24.4 36.6

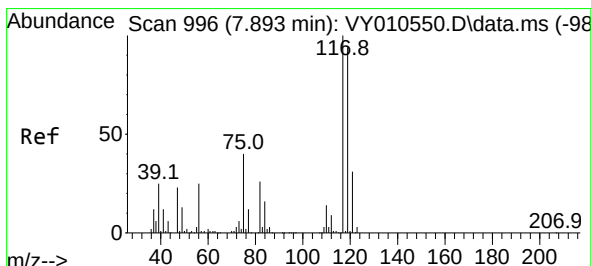
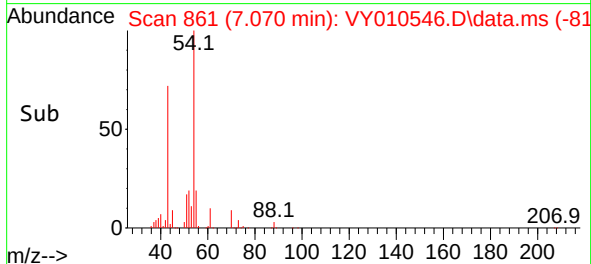
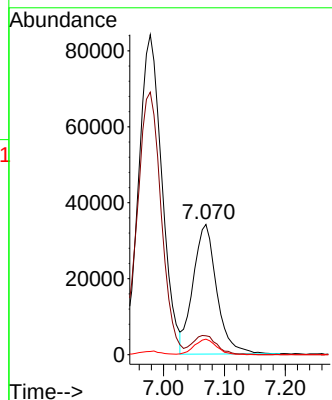
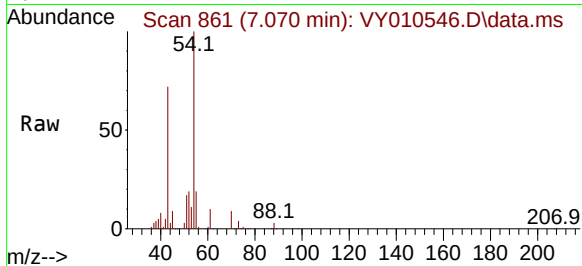




#37
Ethyl Acetate
Concen: 69.015 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

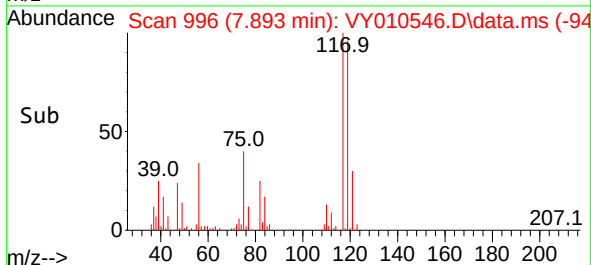
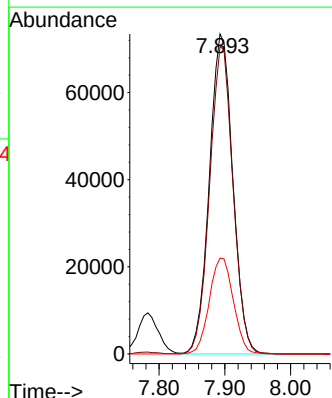
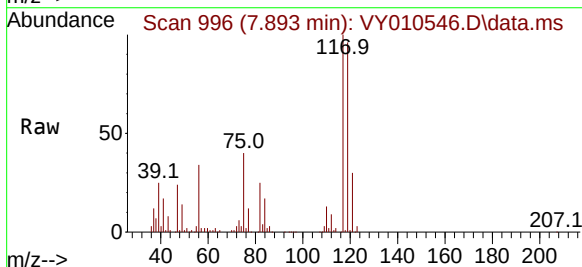
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

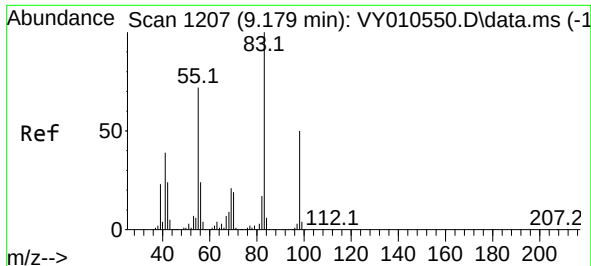
Tgt Ion: 43 Resp: 92053
Ion Ratio Lower Upper
43 100
61 15.5 9.7 14.5#
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 68.715 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 117 Resp: 182453
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9
121 29.9 24.8 37.2





#39

Methylcyclohexane

Concen: 66.399 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

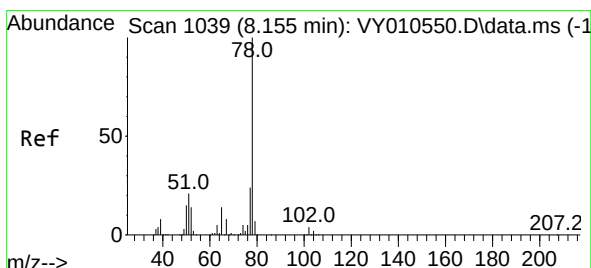
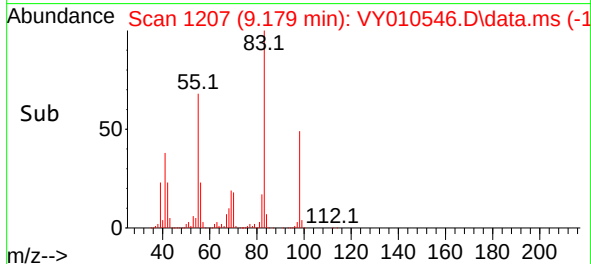
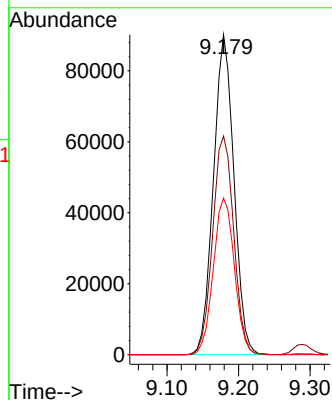
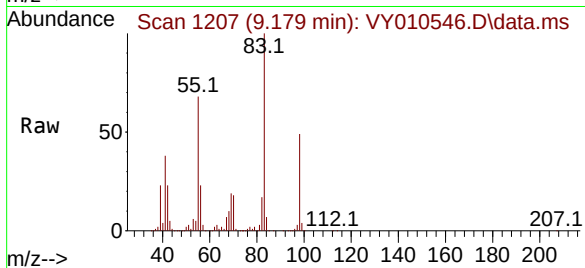
Tgt Ion: 83 Resp: 179464

Ion Ratio Lower Upper

83 100

55 68.3 66.5 99.7

98 48.9 37.9 56.9



#40

Benzene

Concen: 67.428 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010546.D

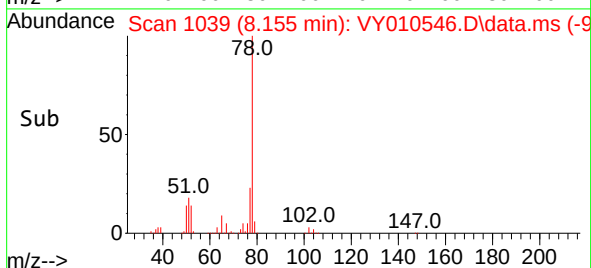
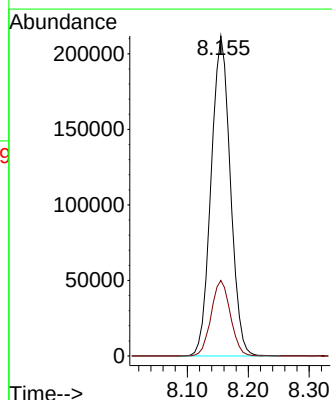
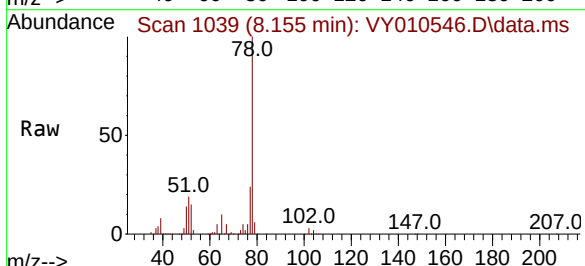
Acq: 19 Sep 2022 11:07

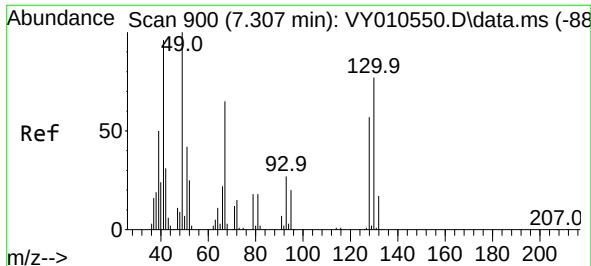
Tgt Ion: 78 Resp: 464191

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

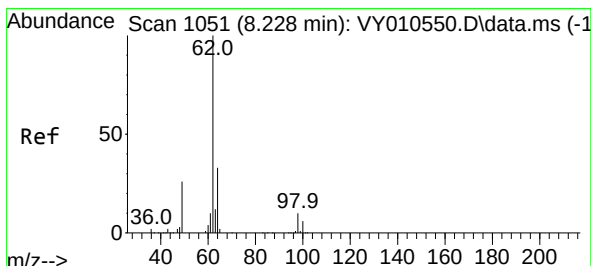
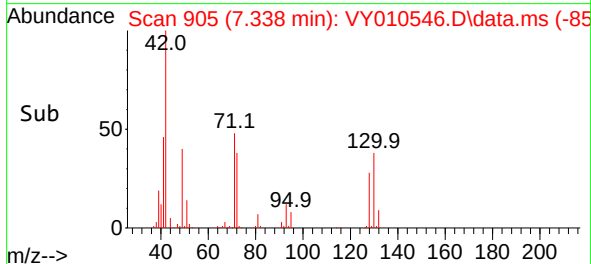
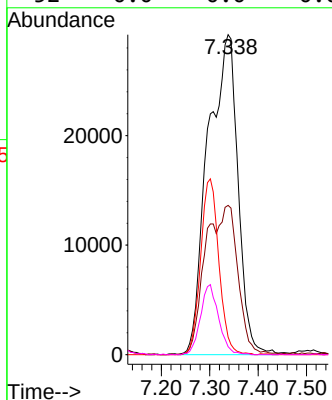
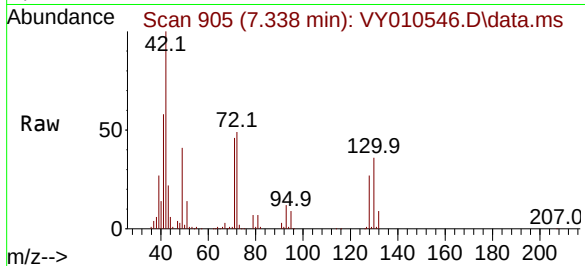




#41
Methacrylonitrile
Concen: 184.596 ug/l
RT: 7.338 min Scan# 90
Delta R.T. 0.031 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

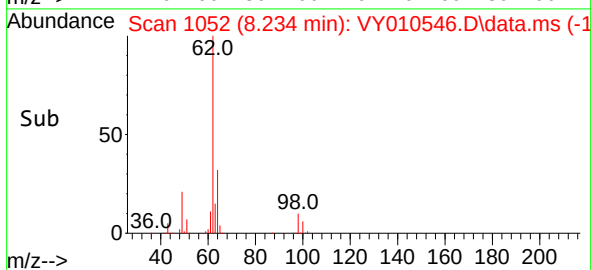
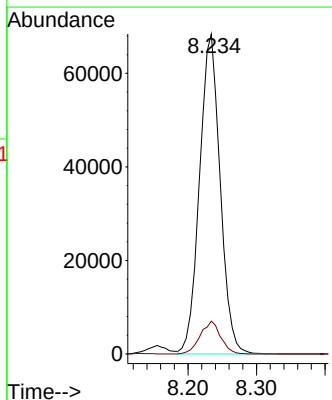
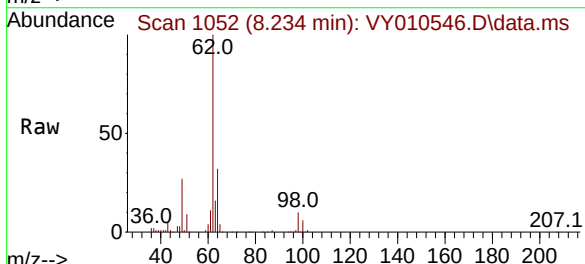
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

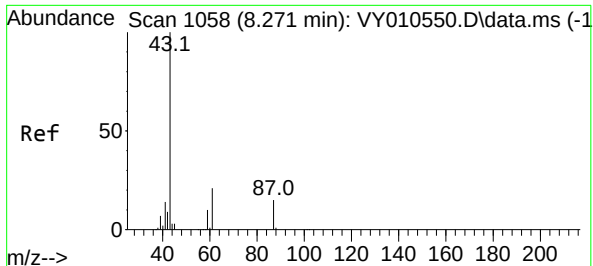
Tgt Ion: 41 Resp: 125584
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 67.623 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 62 Resp: 143351
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8

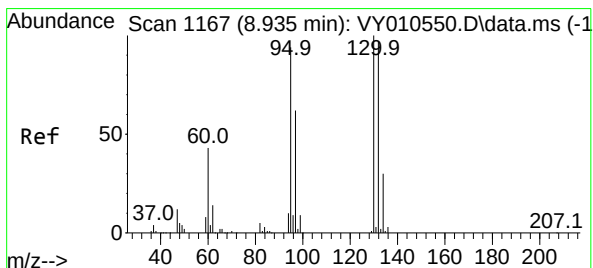
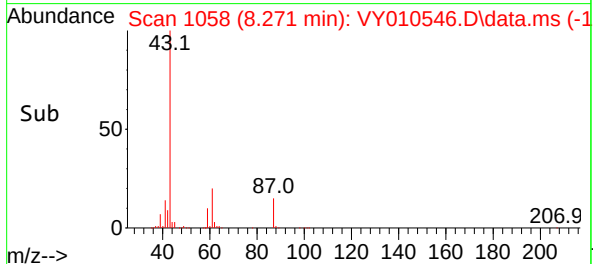
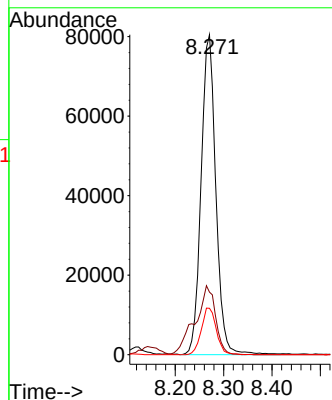
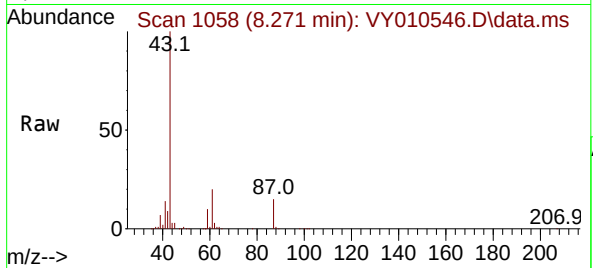




#43
Isopropyl Acetate
Concen: 69.757 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

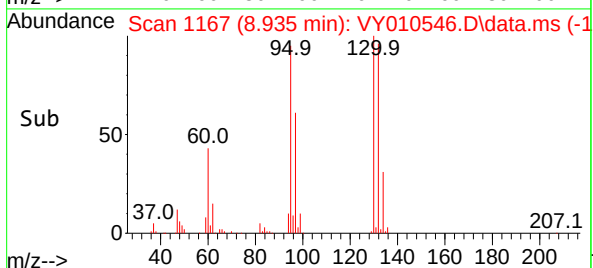
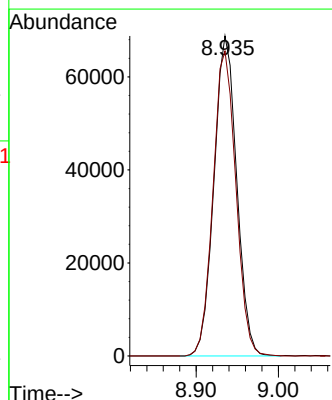
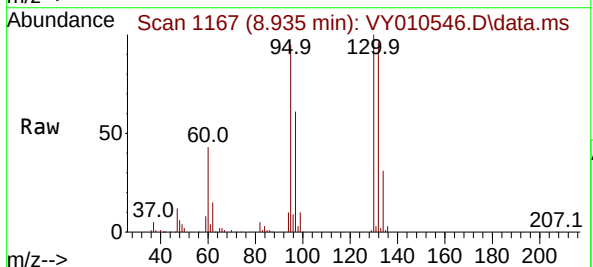
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

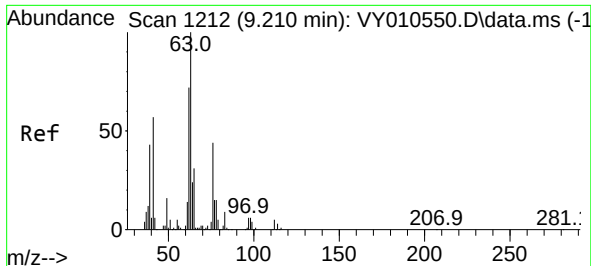
Tgt Ion: 43 Resp: 170550
Ion Ratio Lower Upper
43 100
61 29.8 20.2 30.2
87 14.8 8.9 13.3#



#44
Trichloroethene
Concen: 67.031 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion:130 Resp: 132098
Ion Ratio Lower Upper
130 100
95 95.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 67.580 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.001 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

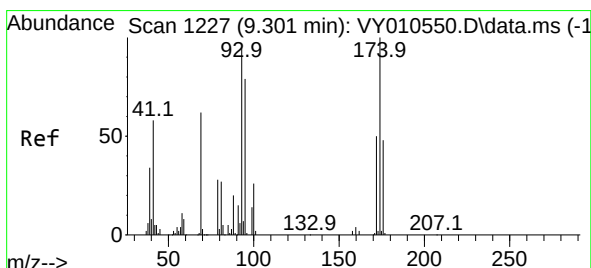
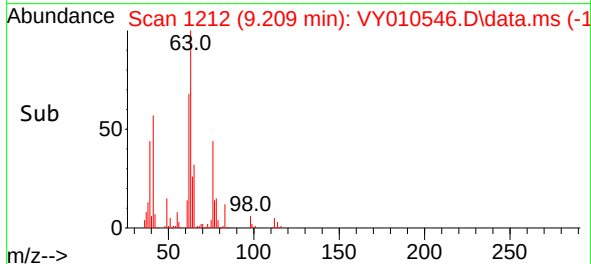
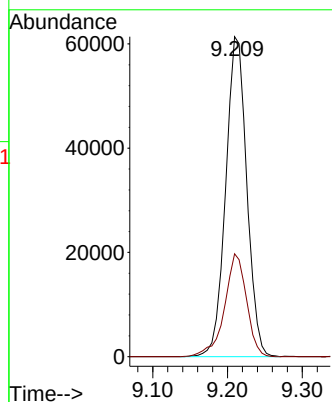
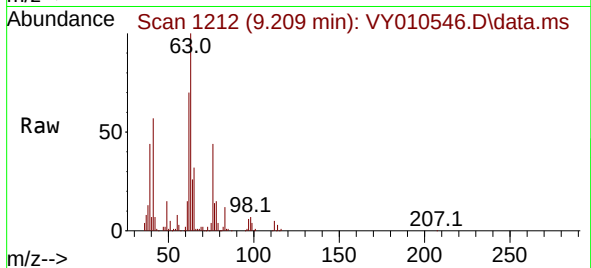
VSTDCCC050

Tgt Ion: 63 Resp: 120353

Ion Ratio Lower Upper

63 100

65 32.1 23.0 34.6



#46

Dibromomethane

Concen: 68.093 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

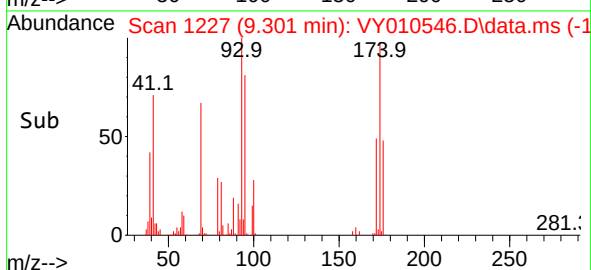
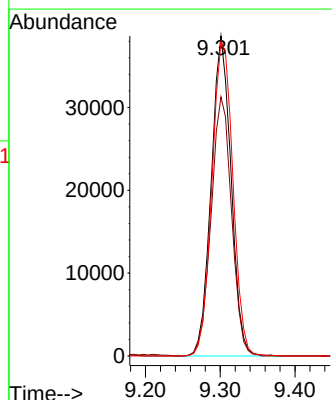
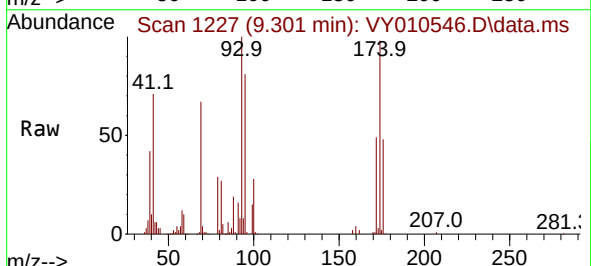
Tgt Ion: 93 Resp: 71214

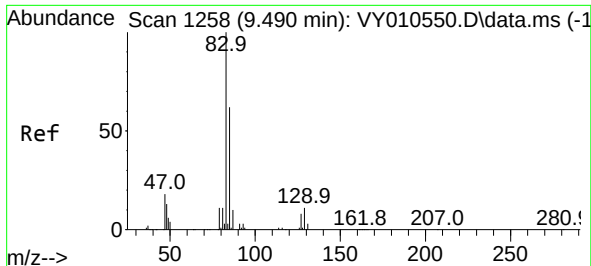
Ion Ratio Lower Upper

93 100

95 83.4 64.3 96.5

174 103.9 83.4 125.0

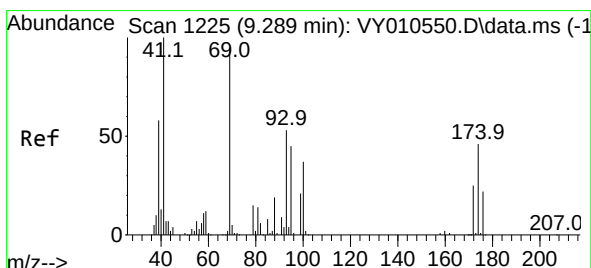
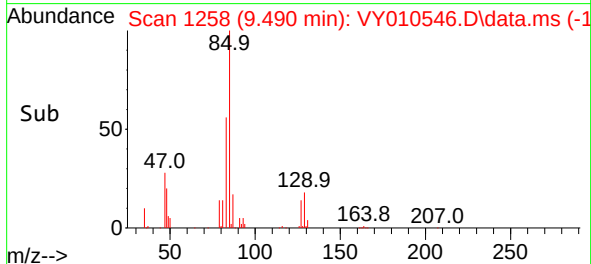
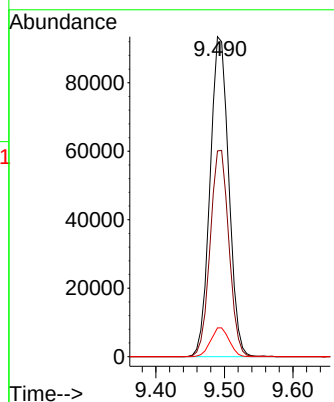
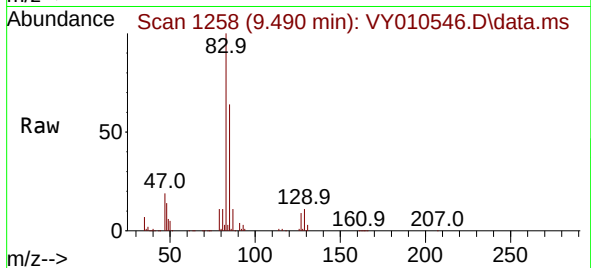




#47
Bromodichloromethane
Concen: 68.549 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

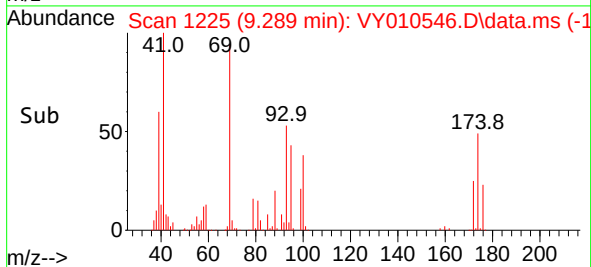
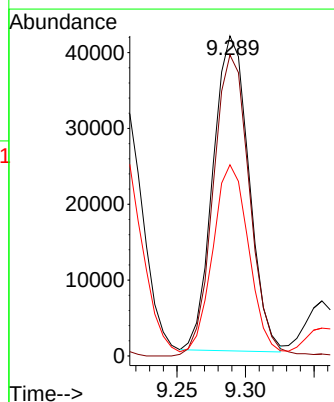
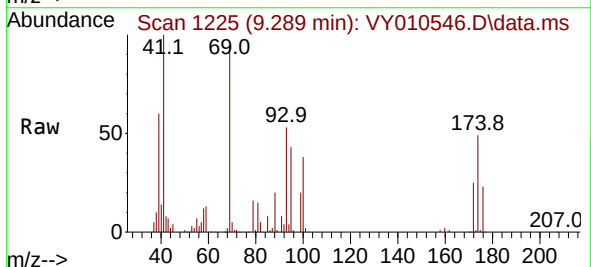
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

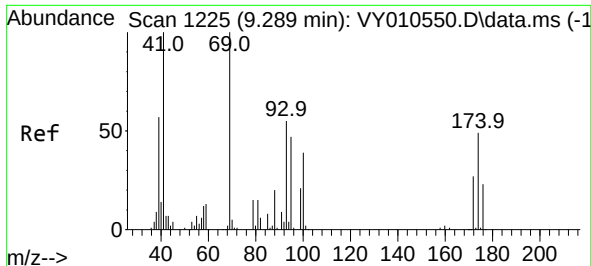
Tgt Ion: 83 Resp: 177016
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 70.041 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 41 Resp: 75594
Ion Ratio Lower Upper
41 100
69 97.1 58.2 87.2#
39 61.1 47.4 71.0





#49

1,4-Dioxane

Concen: 1396.588 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

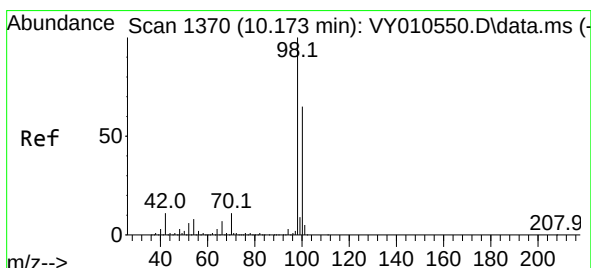
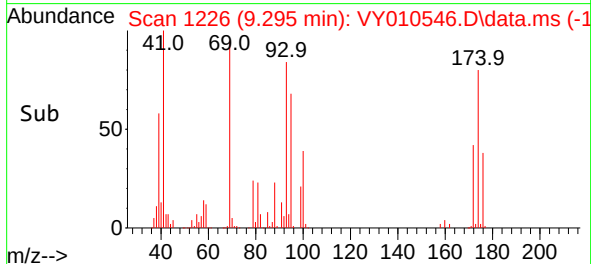
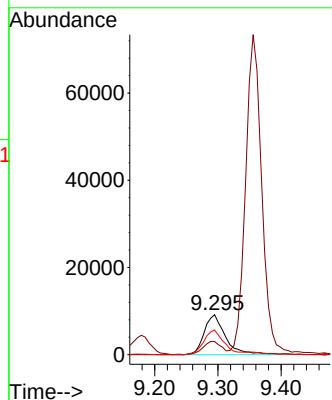
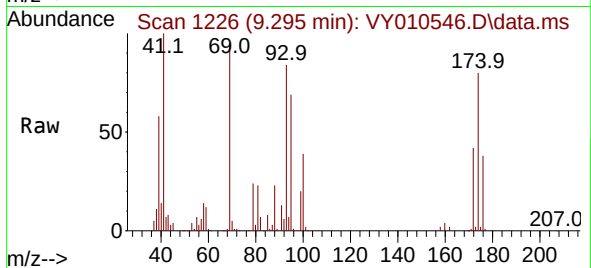
Tgt Ion: 88 Resp: 21478

Ion Ratio Lower Upper

88 100

43 28.6 32.8 49.2#

58 58.8 59.8 89.6#



#50

Toluene-d8

Concen: 52.577 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010546.D

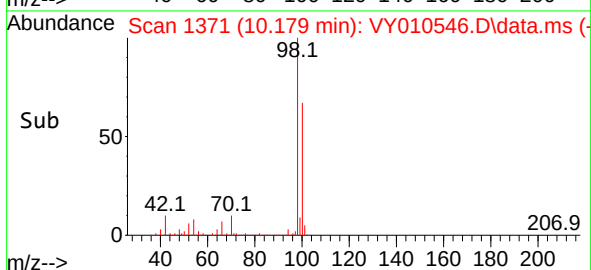
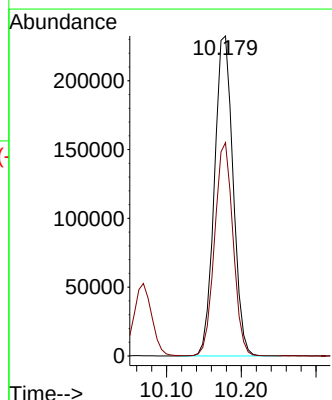
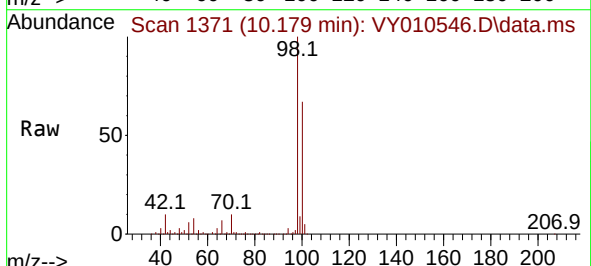
Acq: 19 Sep 2022 11:07

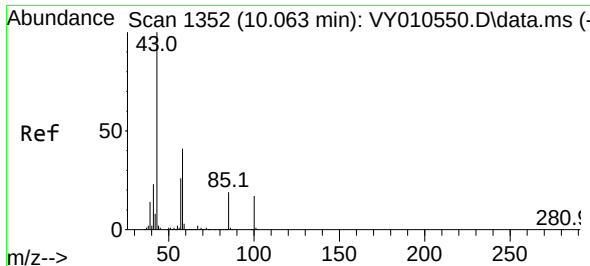
Tgt Ion: 98 Resp: 404036

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

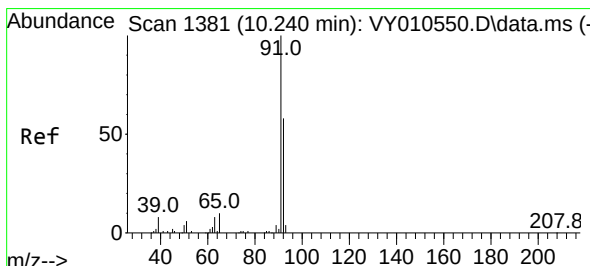
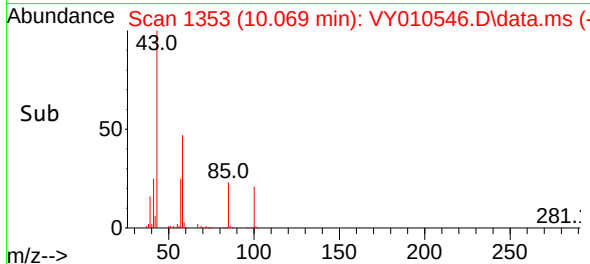
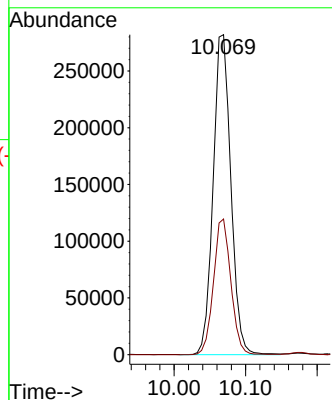
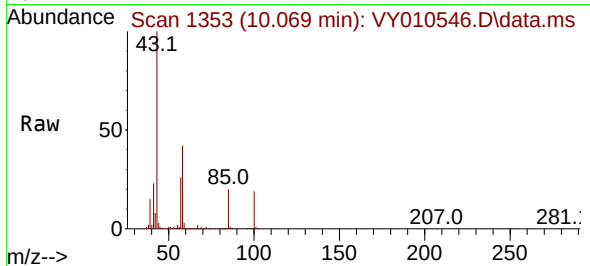




#51
4-Methyl-2-Pentanone
Concen: 350.941 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

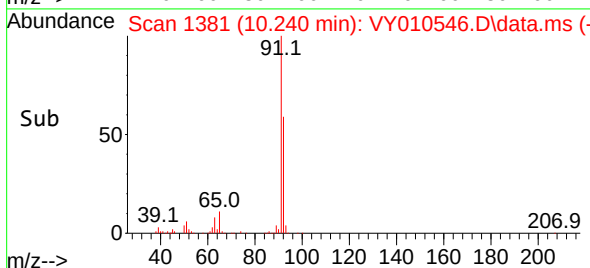
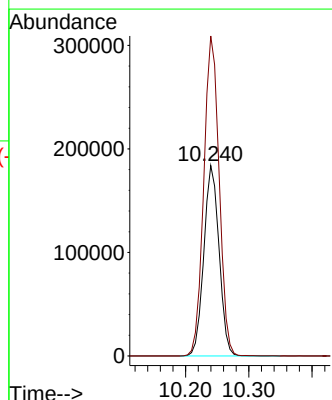
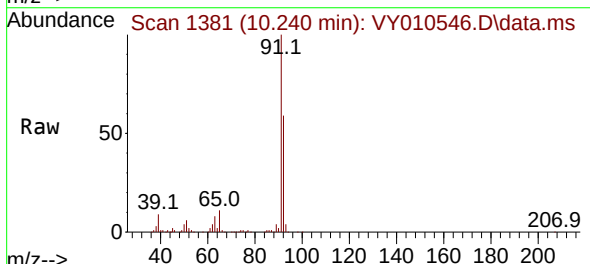
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

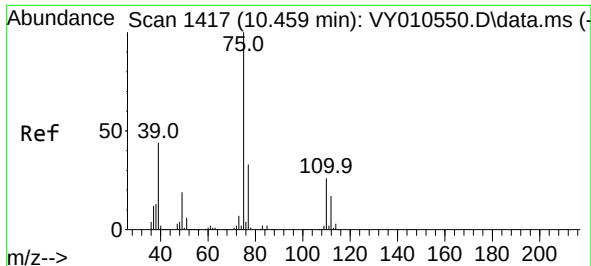
Tgt Ion: 43 Resp: 484426
Ion Ratio Lower Upper
43 100
58 41.6 28.1 42.1



#52
Toluene
Concen: 68.396 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 92 Resp: 308080
Ion Ratio Lower Upper
92 100
91 170.2 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 68.861 ug/l

RT: 10.465 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

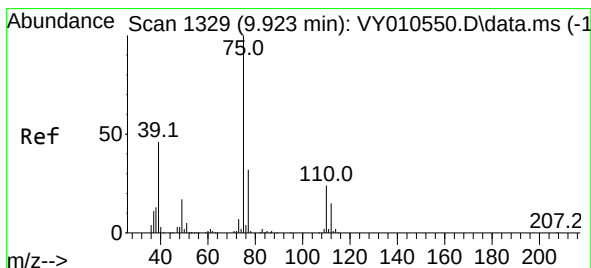
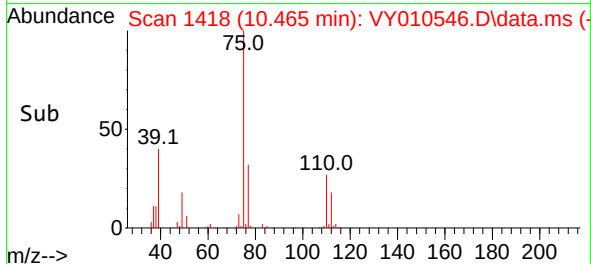
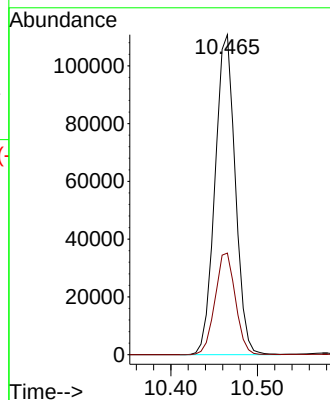
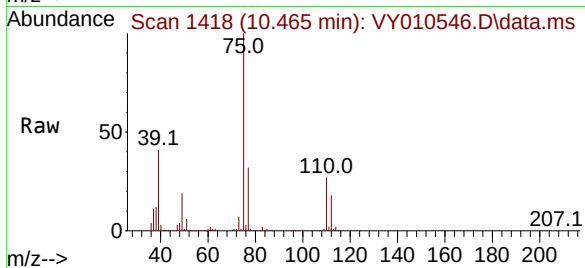
VSTDCCC050

Tgt Ion: 75 Resp: 179803

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 68.540 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

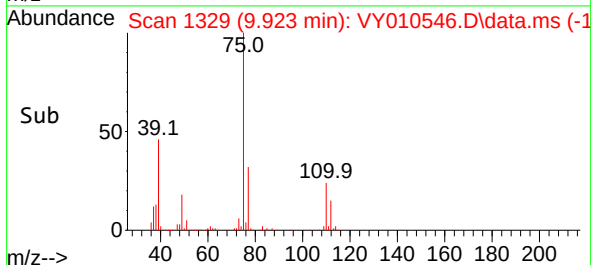
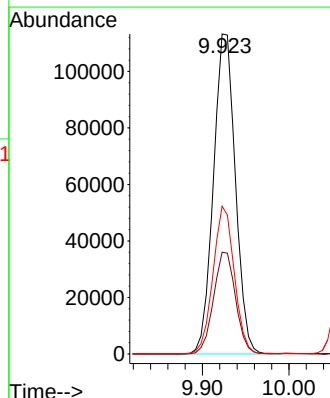
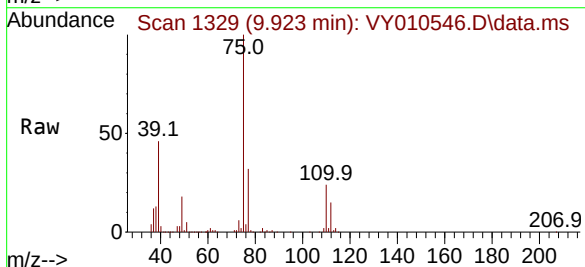
Tgt Ion: 75 Resp: 199529

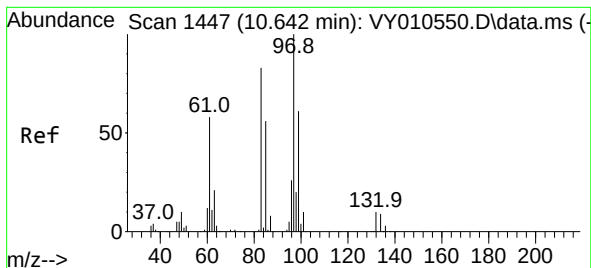
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

39 46.1 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 68.589 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 105511

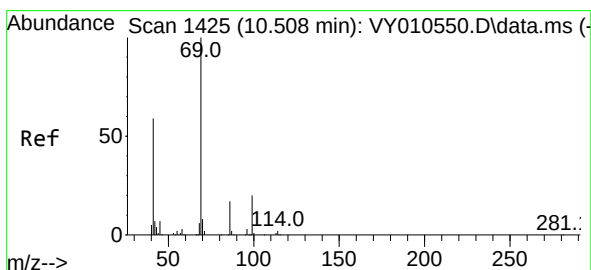
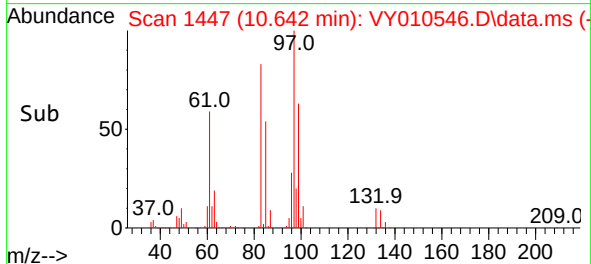
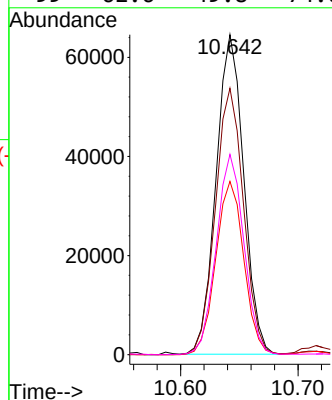
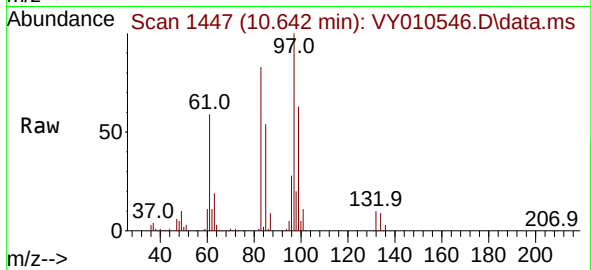
Ion Ratio Lower Upper

97 100

83 83.3 69.8 104.8

85 54.2 44.3 66.5

99 62.6 49.8 74.6



#56

Ethyl methacrylate

Concen: 70.982 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

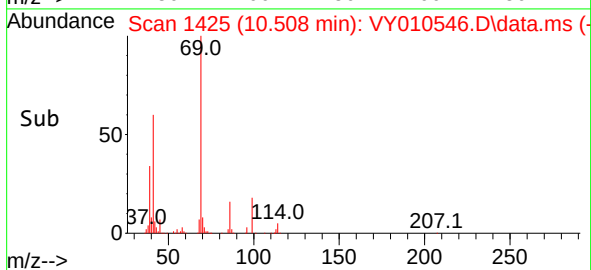
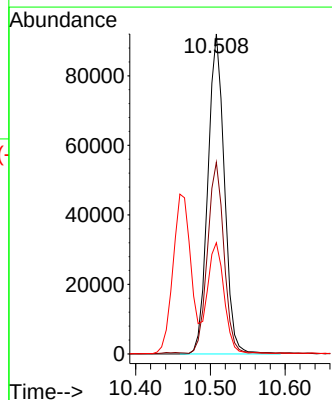
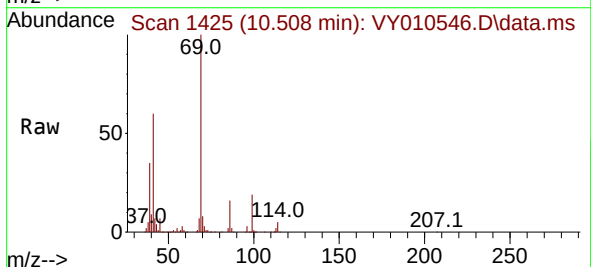
Tgt Ion: 69 Resp: 141457

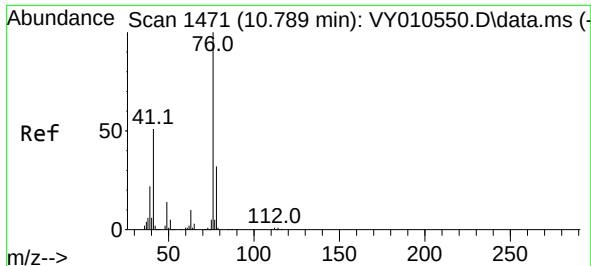
Ion Ratio Lower Upper

69 100

41 58.7 63.4 95.0#

39 35.3 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 68.435 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

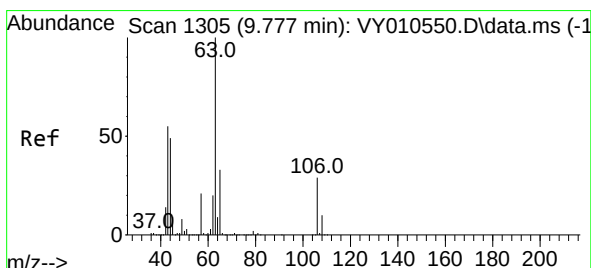
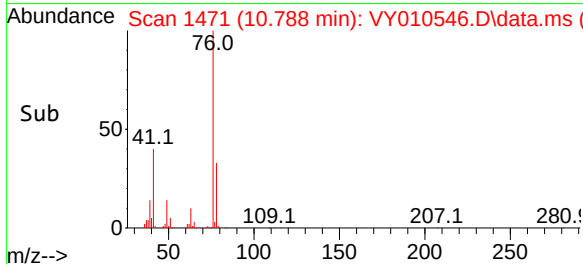
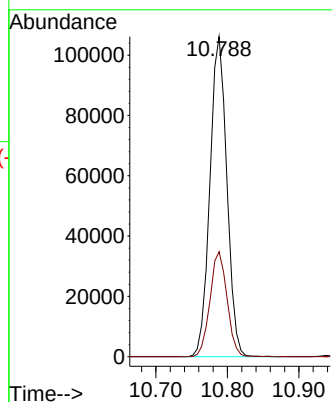
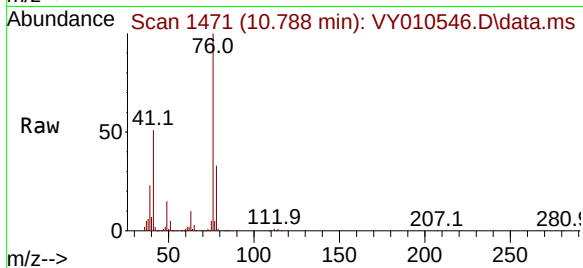
VSTDCCC050

Tgt Ion: 76 Resp: 174382

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 186.462 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VY010546.D

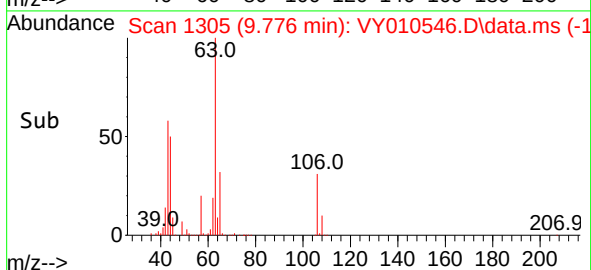
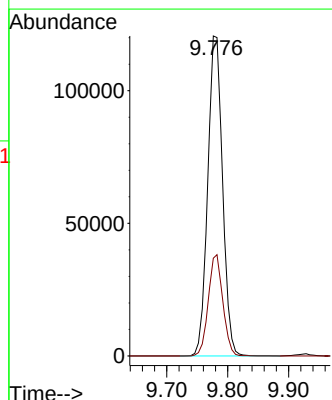
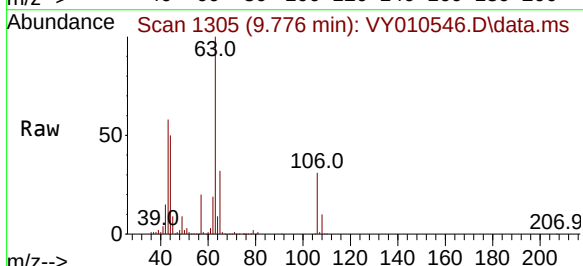
Acq: 19 Sep 2022 11:07

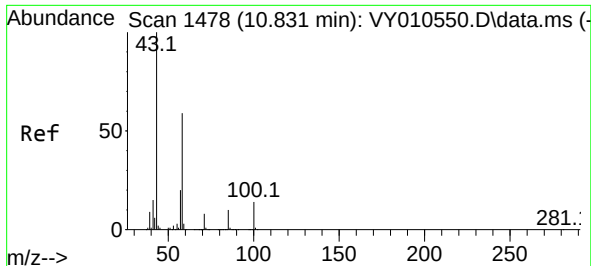
Tgt Ion: 63 Resp: 203968

Ion Ratio Lower Upper

63 100

106 31.0 21.5 32.3

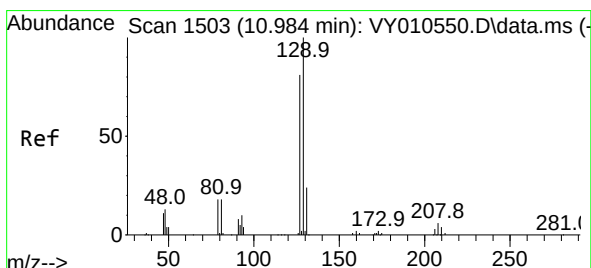
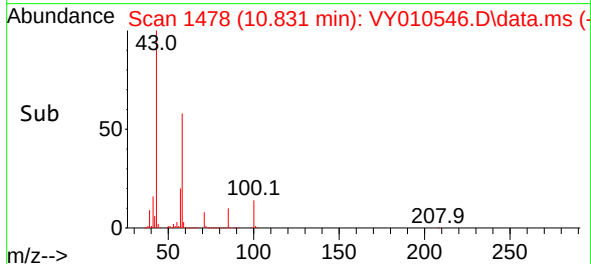
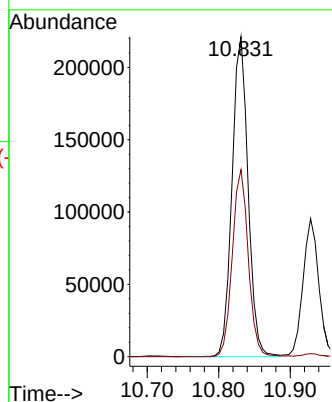
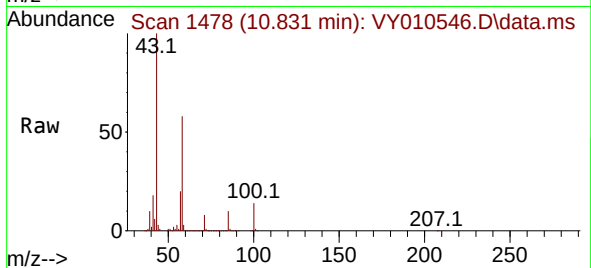




#59
2-Hexanone
Concen: 368.213 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

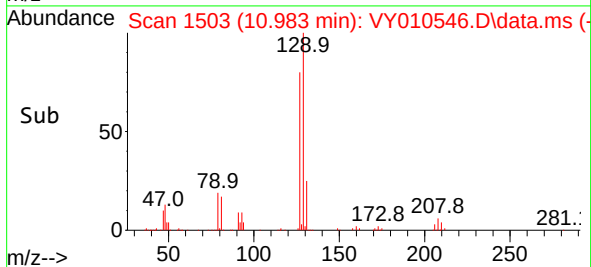
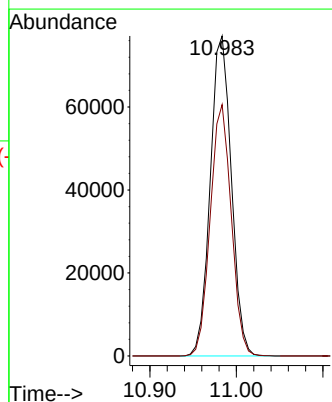
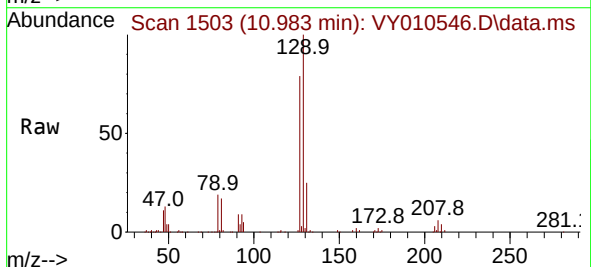
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

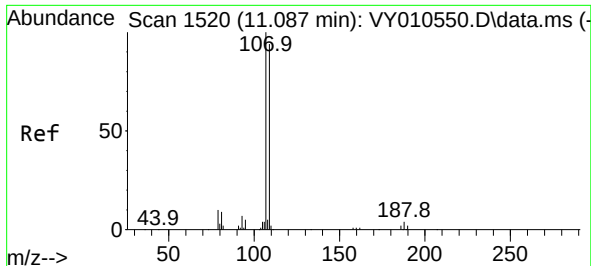
Tgt Ion: 43 Resp: 344504
Ion Ratio Lower Upper
43 100
58 58.3 24.4 73.4



#60
Dibromochloromethane
Concen: 69.328 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 129 Resp: 130513
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

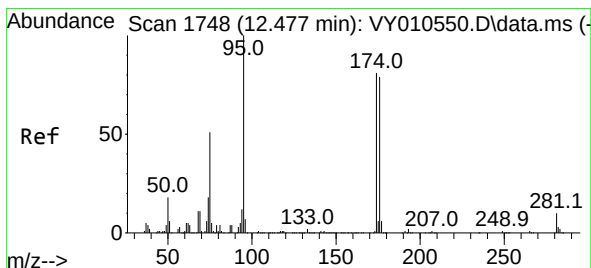
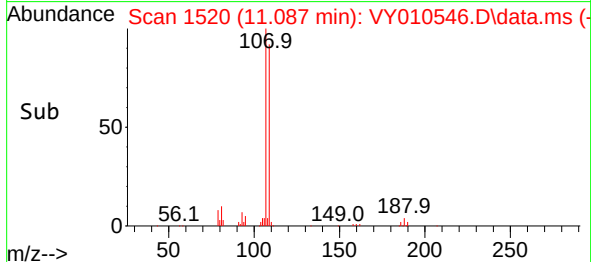
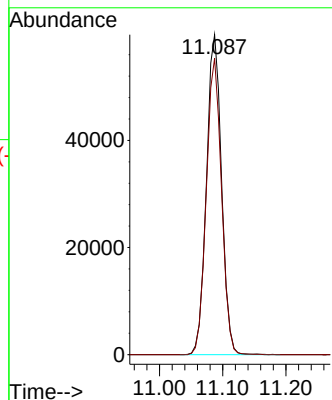
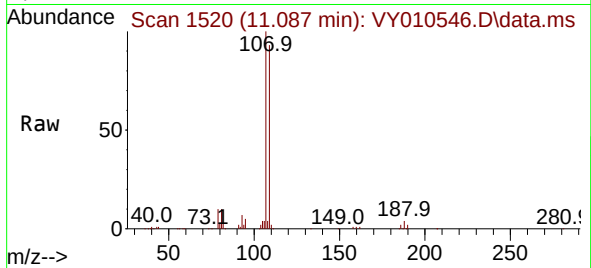




#61
1,2-Dibromoethane
Concen: 68.855 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

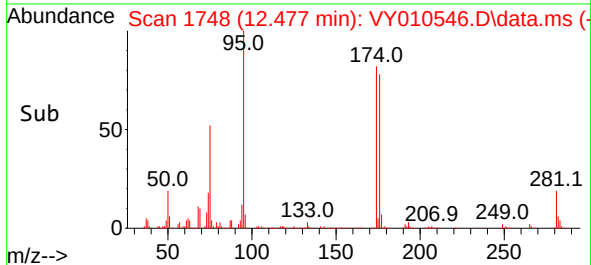
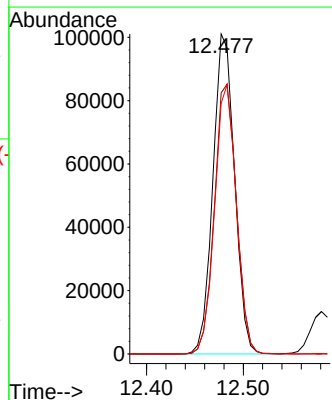
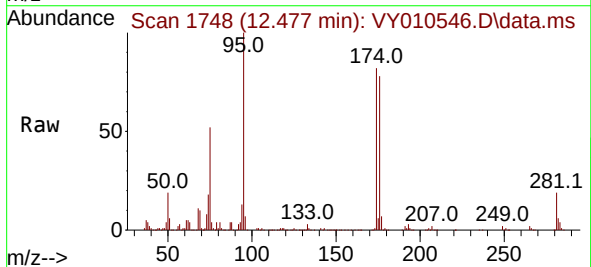
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

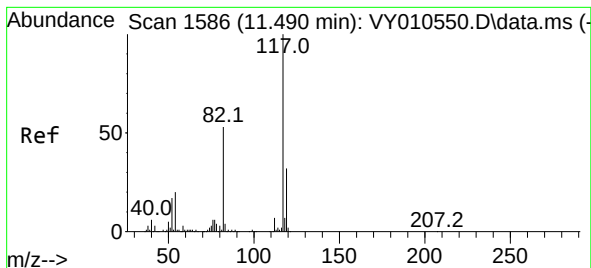
Tgt Ion:107 Resp: 99162
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 95 Resp: 157048
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 84.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

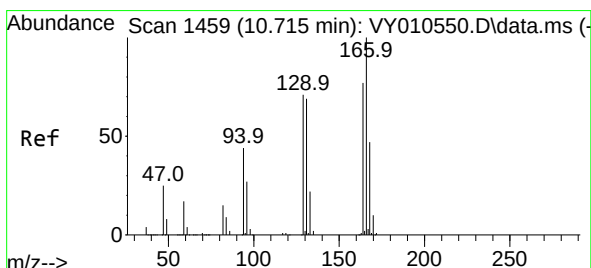
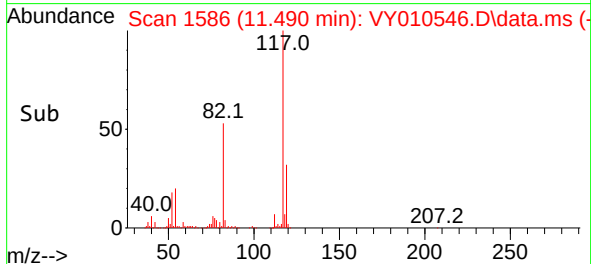
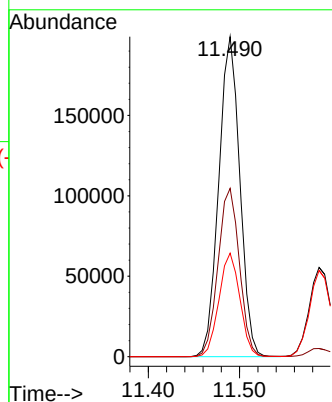
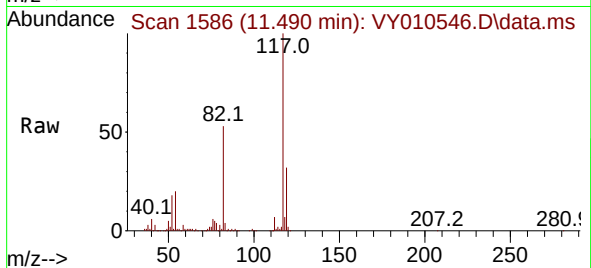
Tgt Ion:117 Resp: 318892

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 61.708 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Tgt Ion:164 Resp: 131451

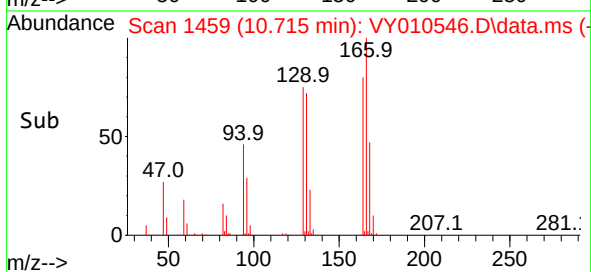
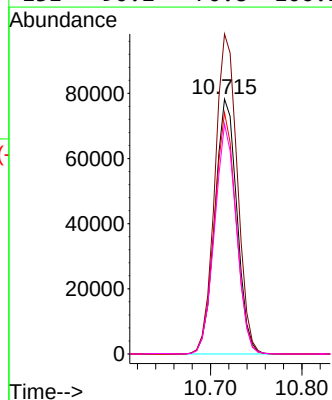
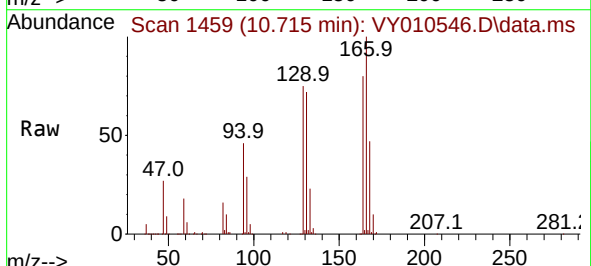
Ion Ratio Lower Upper

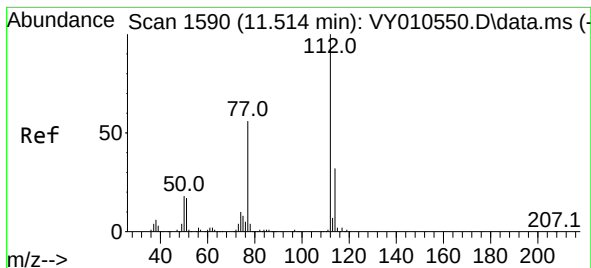
164 100

166 125.5 100.4 150.6

129 94.7 71.4 107.0

131 90.2 70.8 106.2

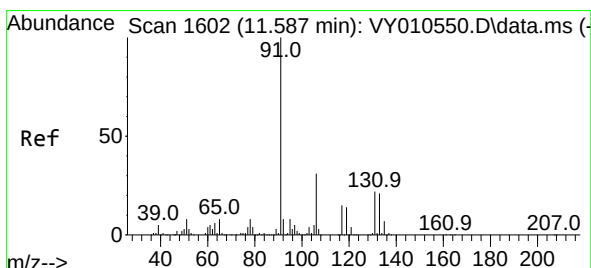
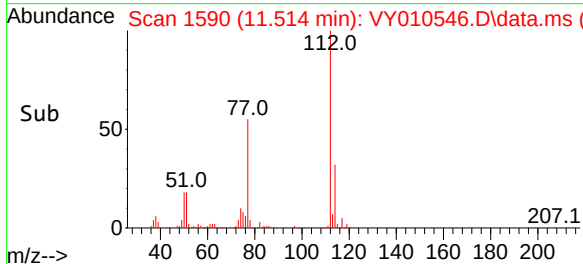
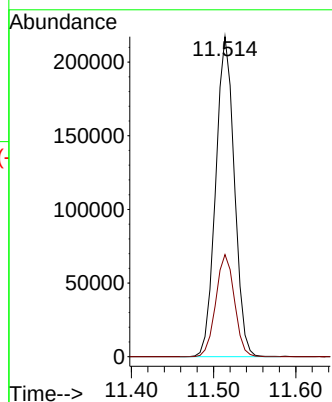
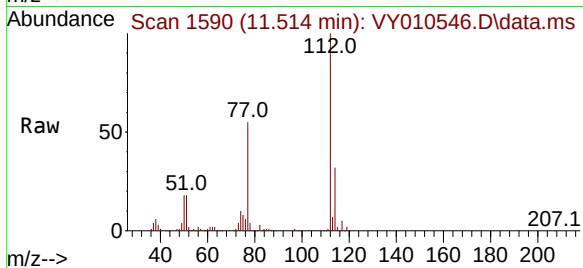




#65
Chlorobenzene
Concen: 62.055 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

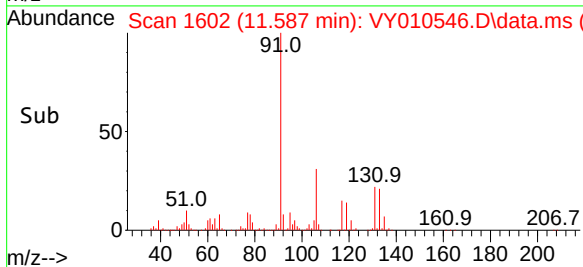
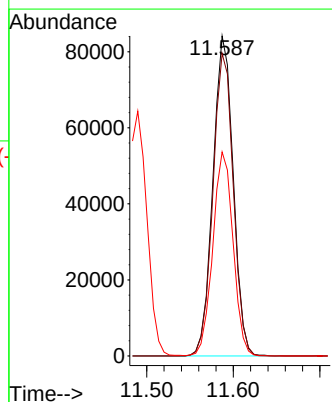
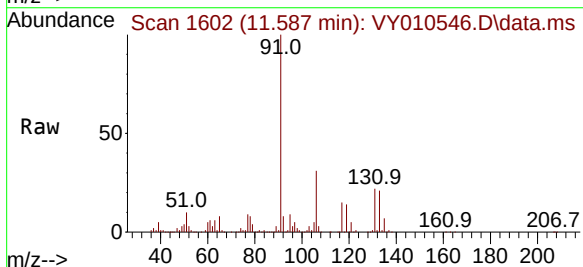
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

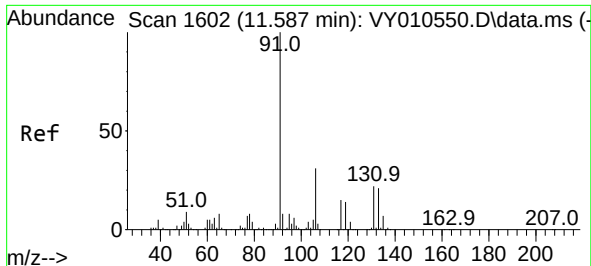
Tgt Ion:112 Resp: 342187
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 63.654 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion:131 Resp: 136747
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 63.6 30.8 92.3





#67

Ethyl Benzene

Concen: 62.864 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

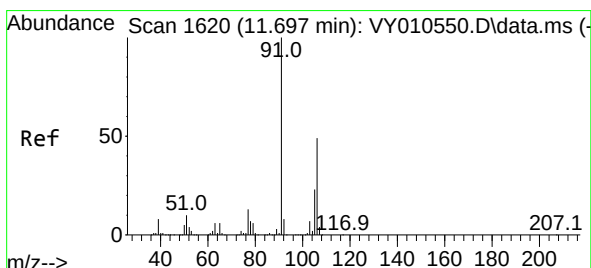
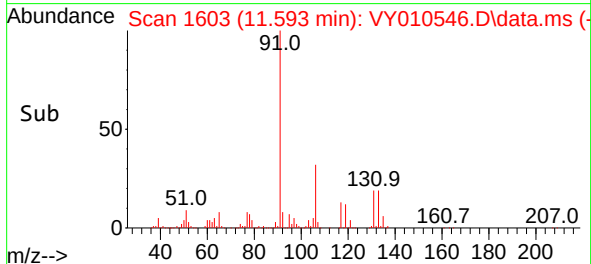
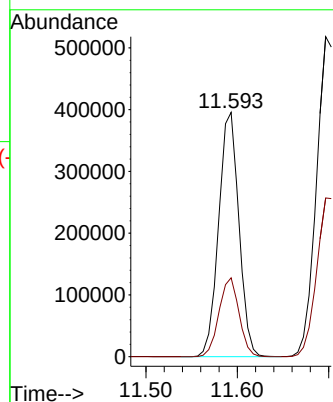
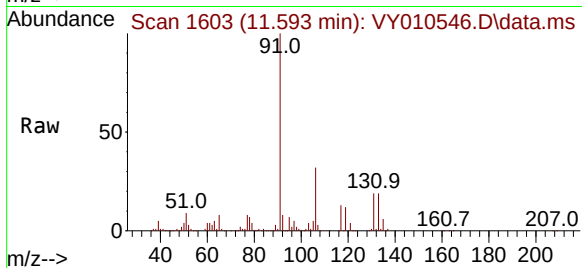
VSTDCCC050

Tgt Ion: 91 Resp: 608721

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 125.504 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY010546.D

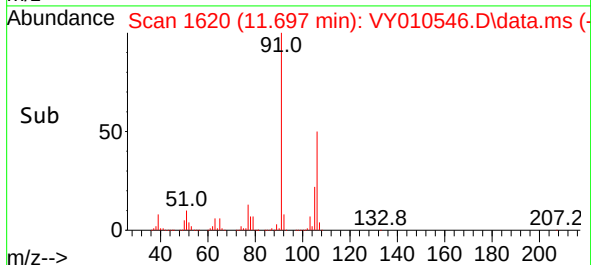
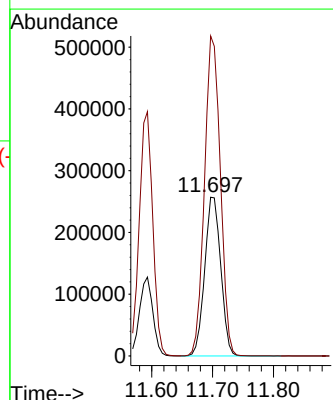
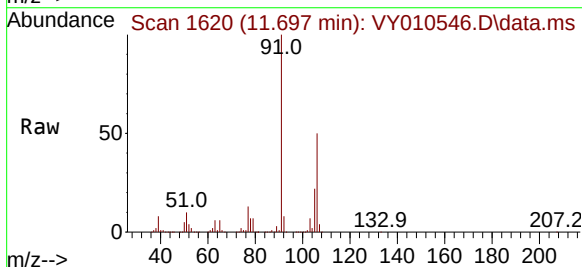
Acq: 19 Sep 2022 11:07

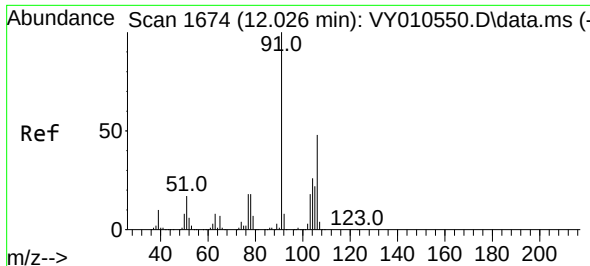
Tgt Ion:106 Resp: 470784

Ion Ratio Lower Upper

106 100

91 199.2 166.6 249.8

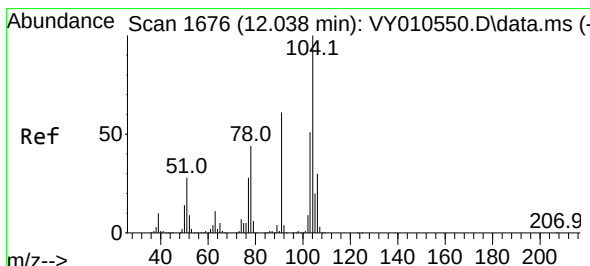
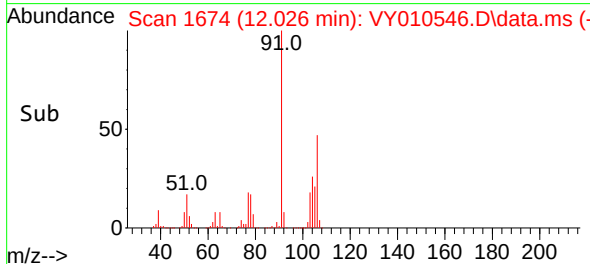
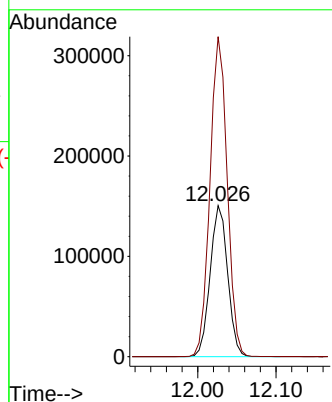
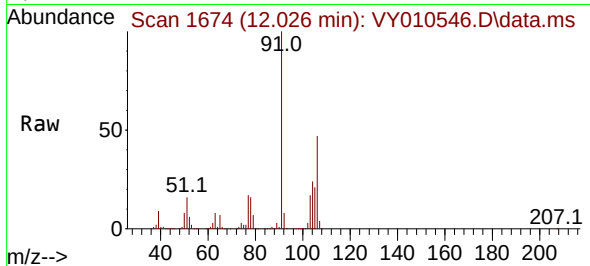




#69
o-Xylene
Concen: 63.837 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

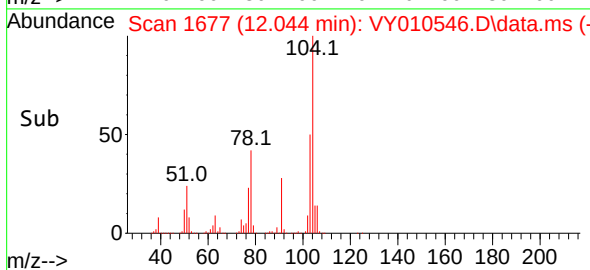
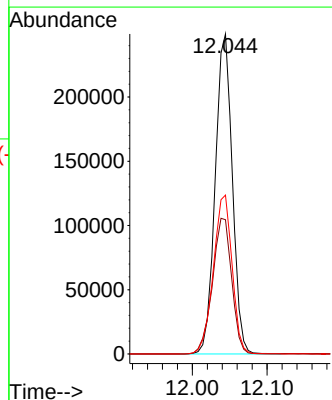
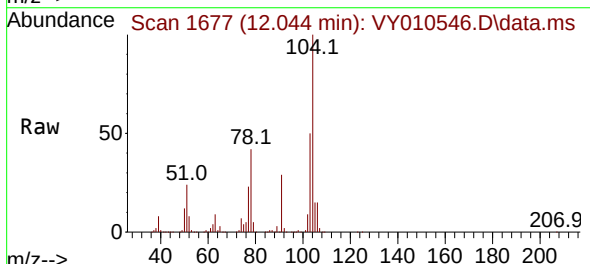
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

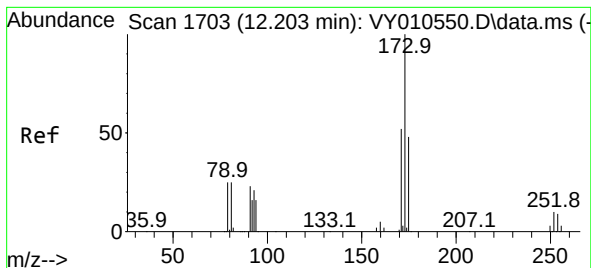
Tgt Ion:106 Resp: 233467
Ion Ratio Lower Upper
106 100
91 208.7 110.3 331.0



#70
Styrene
Concen: 63.874 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion:104 Resp: 396834
Ion Ratio Lower Upper
104 100
78 47.8 42.4 63.6
103 54.5 44.4 66.6





#71

Bromoform

Concen: 63.779 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

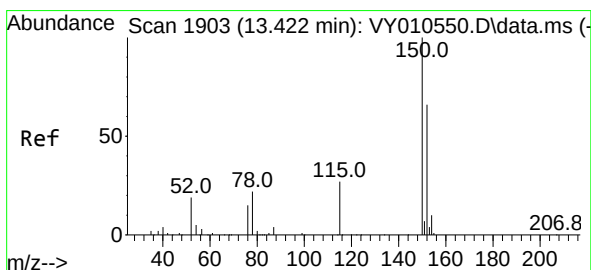
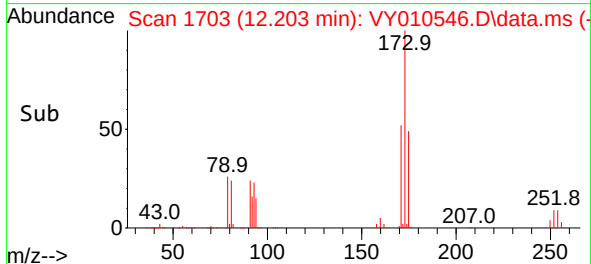
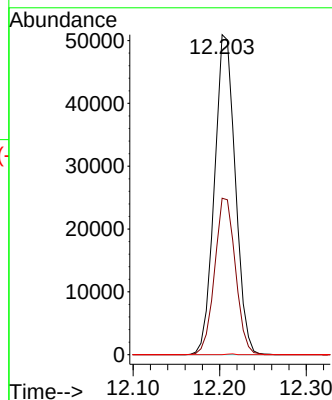
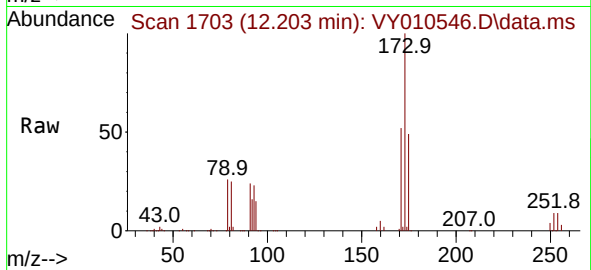
Tgt Ion:173 Resp: 85080

Ion Ratio Lower Upper

173 100

175 48.9 24.6 74.0

254 0.1 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: VY010546.D

Acq: 19 Sep 2022 11:07

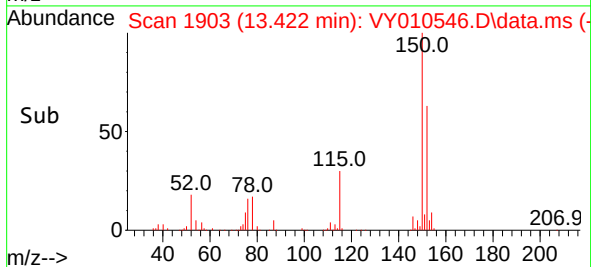
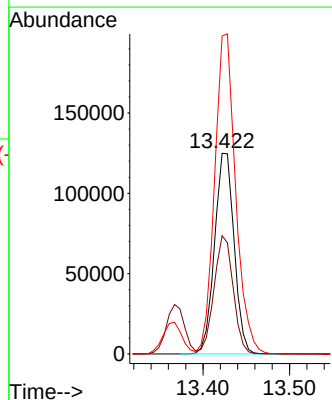
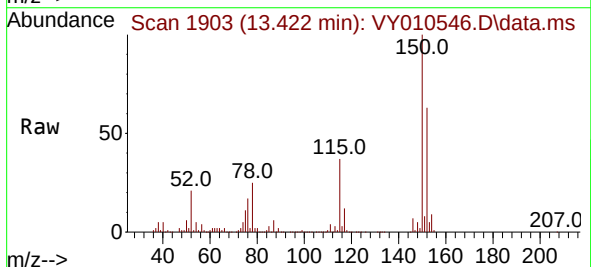
Tgt Ion:152 Resp: 196331

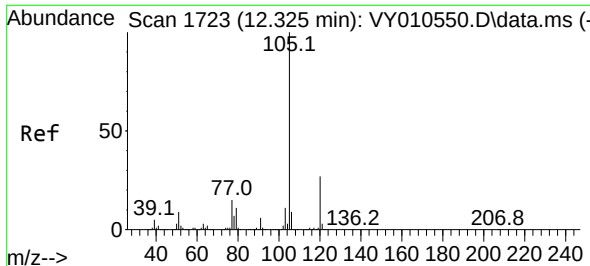
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 170.8 0.0 347.6

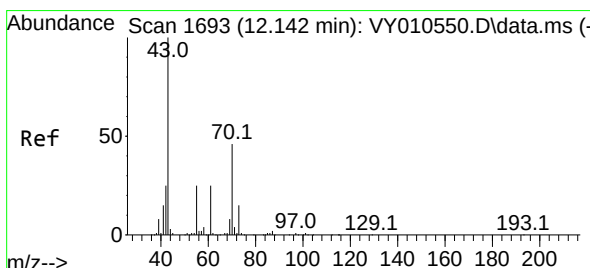
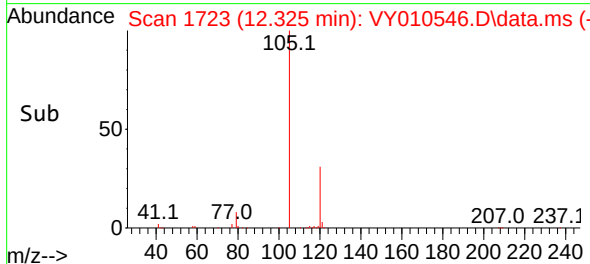
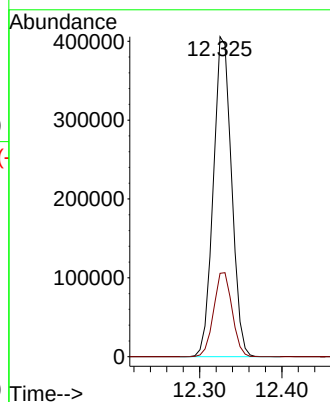
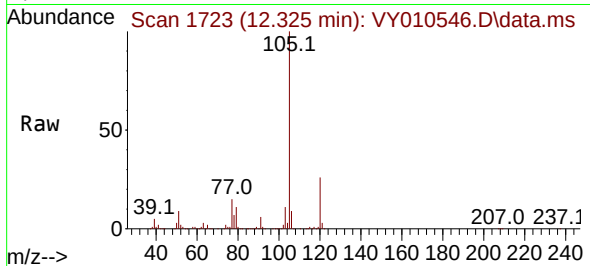




#73
Isopropylbenzene
Concen: 51.578 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

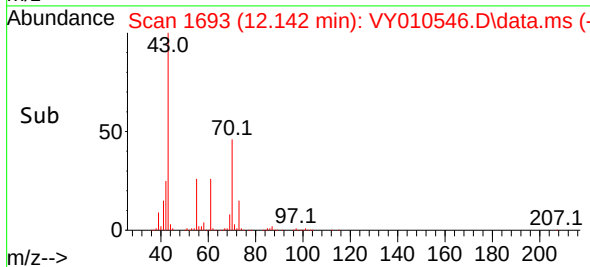
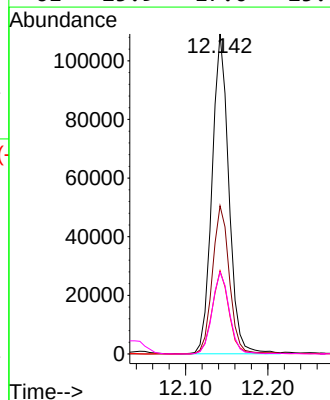
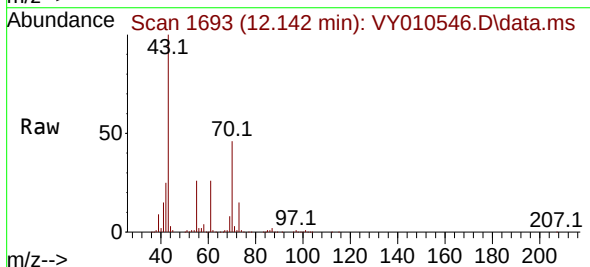
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

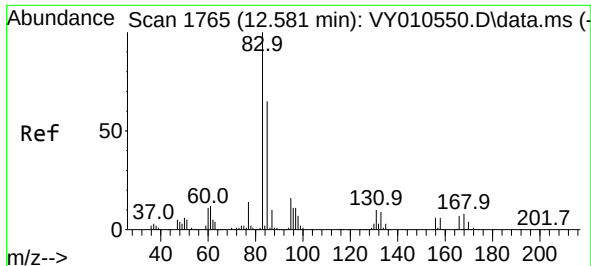
Tgt Ion:105 Resp: 625834
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 52.691 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 43 Resp: 155037
Ion Ratio Lower Upper
43 100
70 47.2 28.7 43.1#
55 26.1 17.3 25.9#
61 25.9 17.0 25.6#

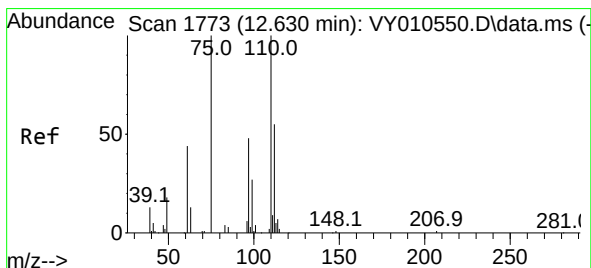
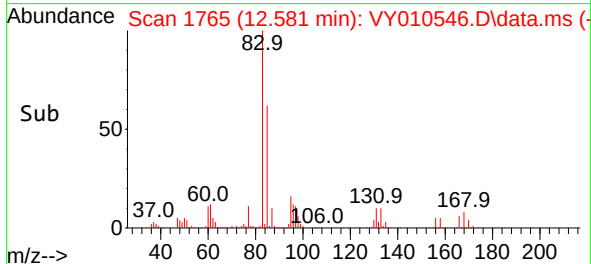
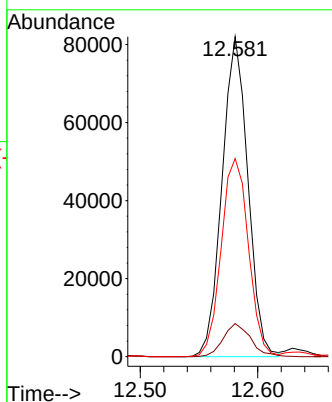
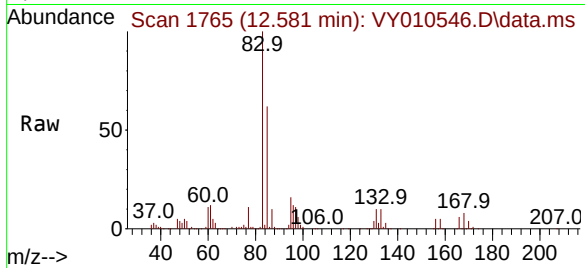




#75
1,1,2,2-Tetrachloroethane
Concen: 50.596 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

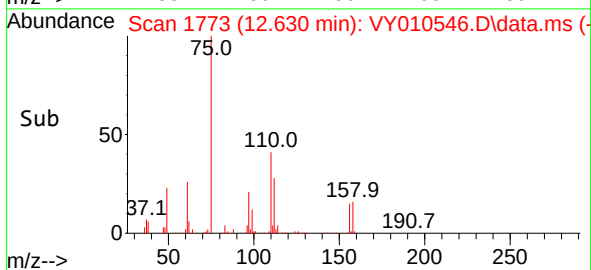
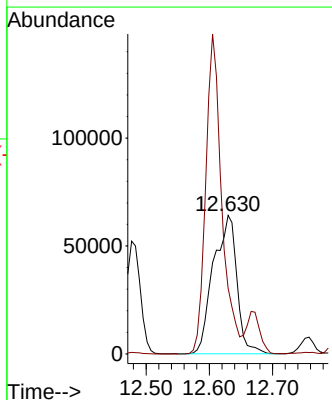
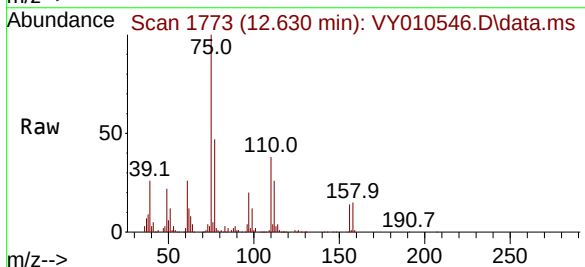
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

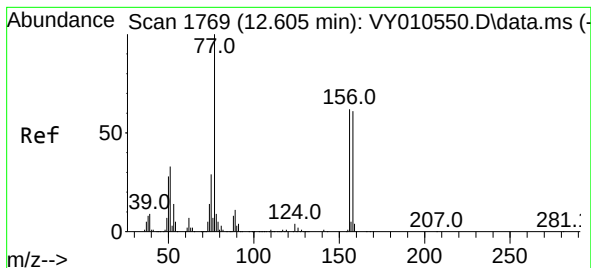
Tgt Ion: 83 Resp: 125099
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.4 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 88.332 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 75 Resp: 165520
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.475 ug/l

RT: 12.605 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

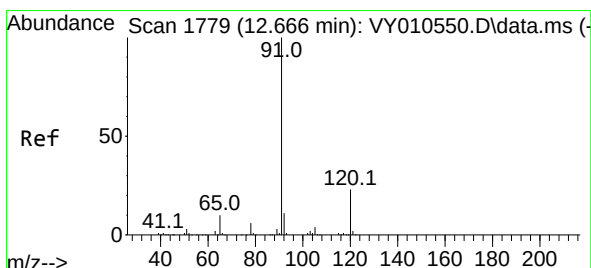
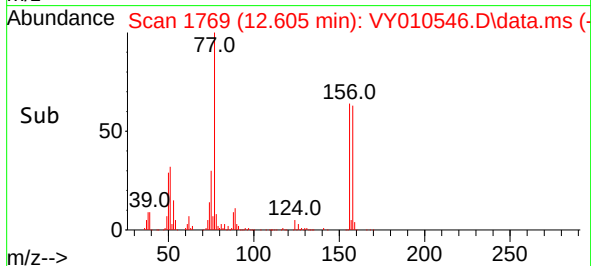
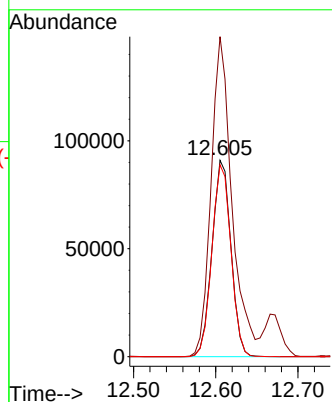
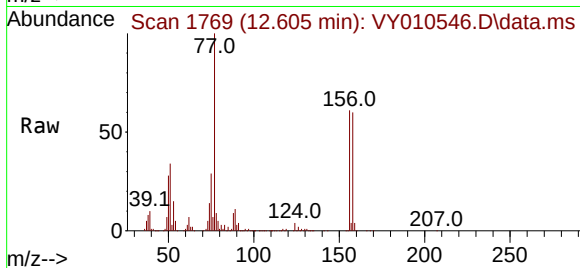
Tgt Ion:156 Resp: 145720

Ion Ratio Lower Upper

156 100

77 178.8 95.5 286.4

158 98.1 48.0 144.0



#78

n-propylbenzene

Concen: 51.544 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY010546.D

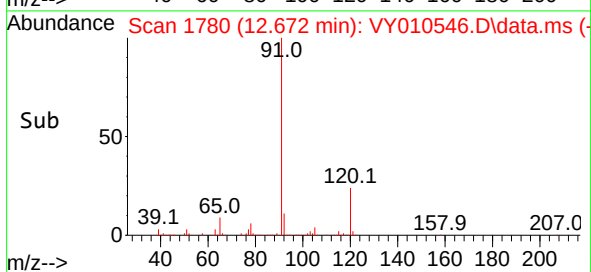
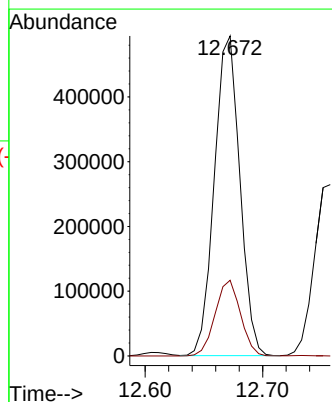
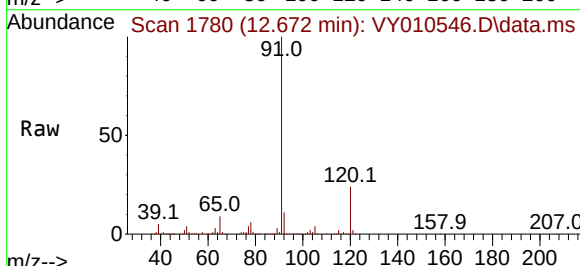
Acq: 19 Sep 2022 11:07

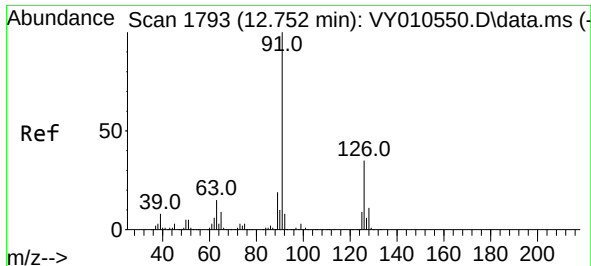
Tgt Ion: 91 Resp: 744951

Ion Ratio Lower Upper

91 100

120 23.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 50.710 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

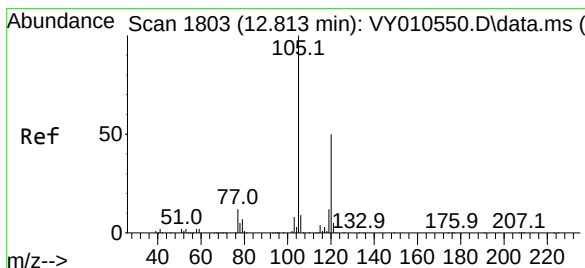
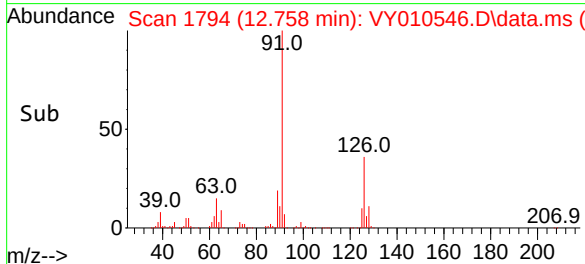
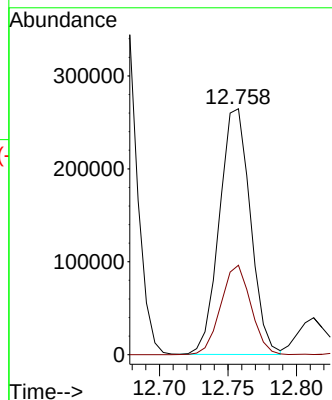
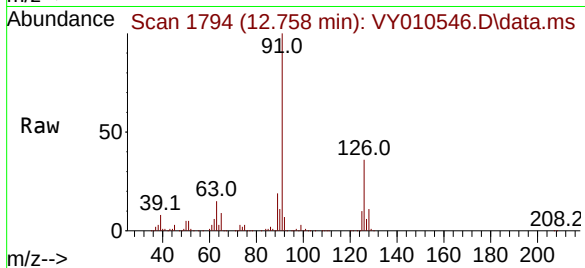
VSTDCCC050

Tgt Ion: 91 Resp: 417602

Ion Ratio Lower Upper

91 100

126 35.3 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 51.978 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY010546.D

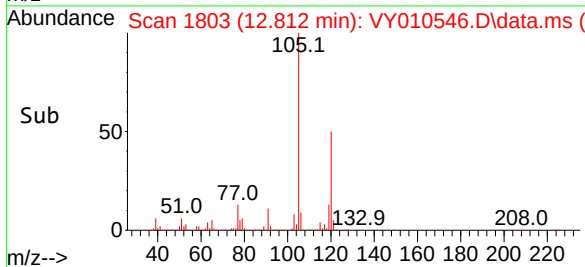
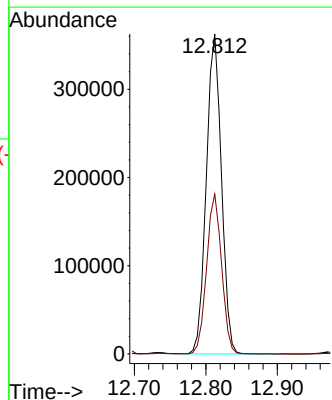
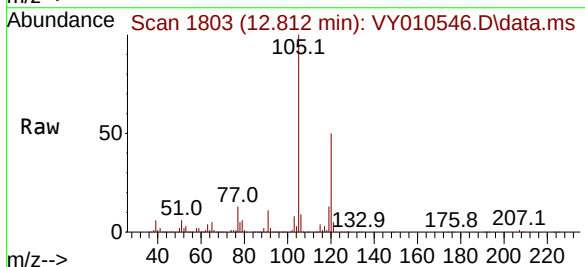
Acq: 19 Sep 2022 11:07

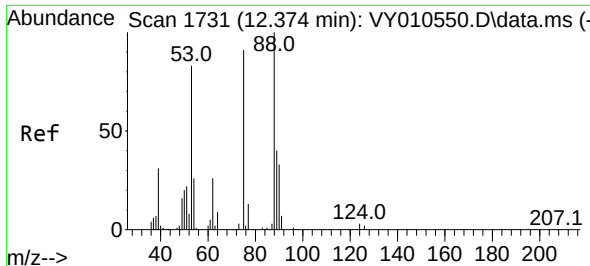
Tgt Ion: 105 Resp: 532891

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.4

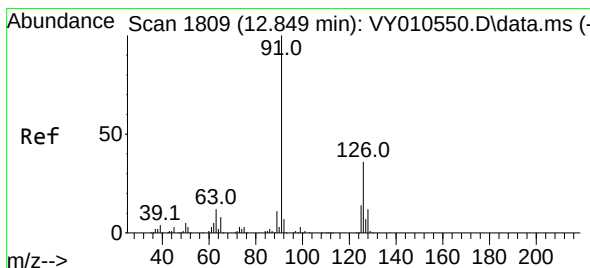
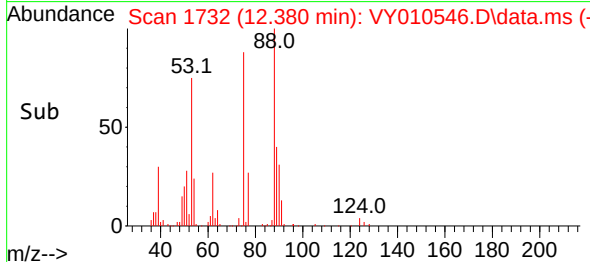
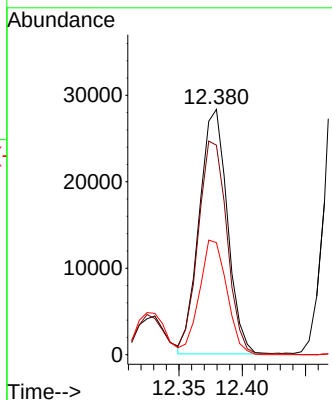
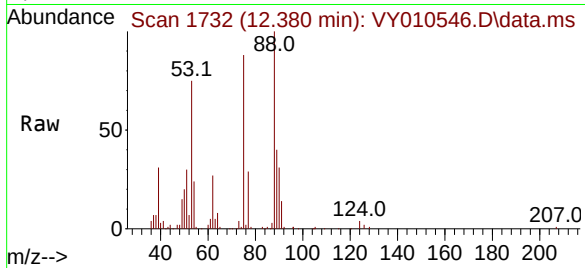




#81
trans-1,4-Dichloro-2-butene
Concen: 52.014 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

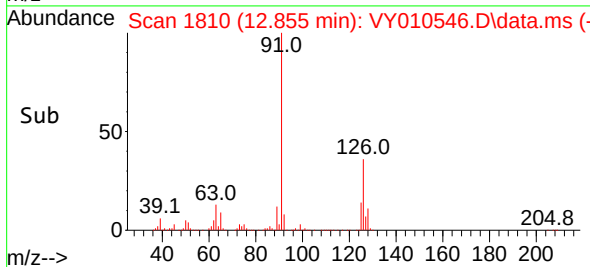
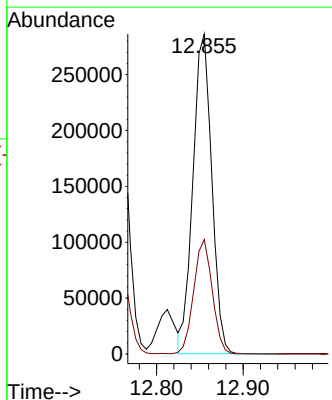
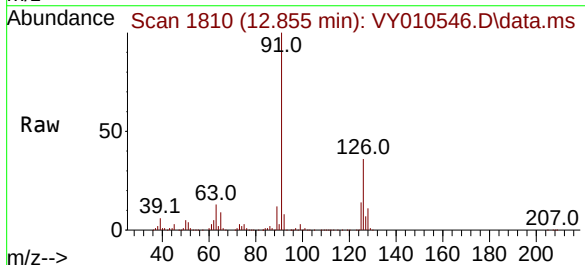
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

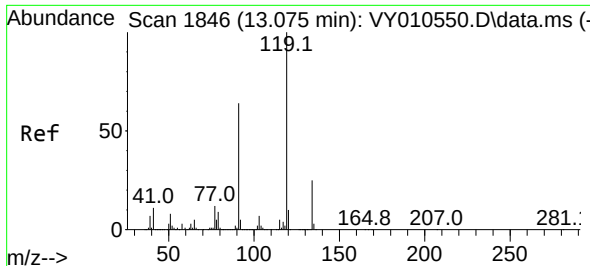
Tgt Ion: 75 Resp: 43836
Ion Ratio Lower Upper
75 100
53 89.6 85.3 127.9
89 45.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 50.899 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010546.D
Acq: 19 Sep 2022 11:07

Tgt Ion: 91 Resp: 432827
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0

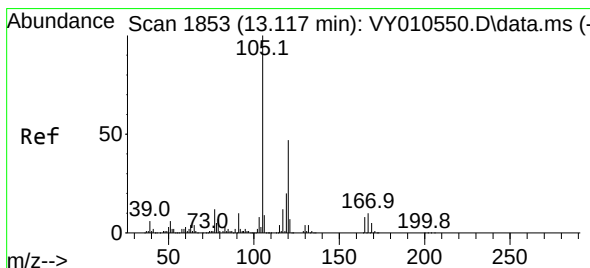
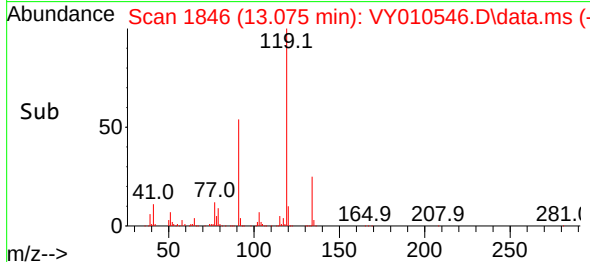
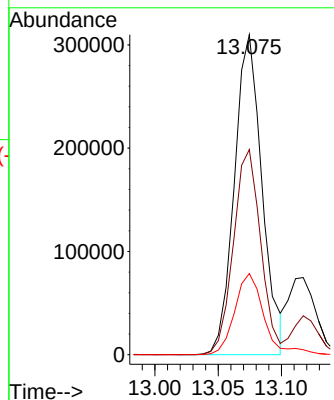
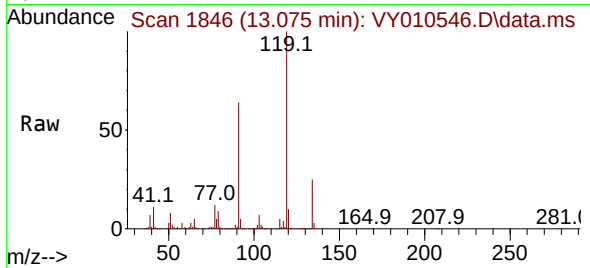




#83
 tert-Butylbenzene
 Concen: 51.600 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY010546.D
 Acq: 19 Sep 2022 11:07

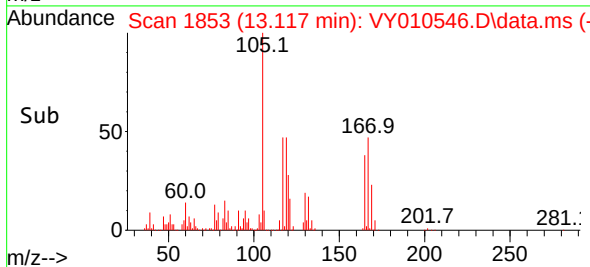
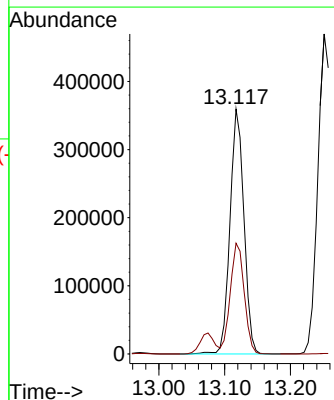
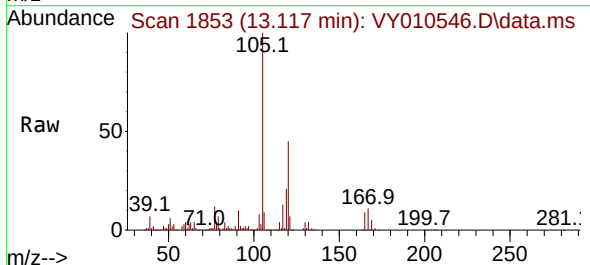
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

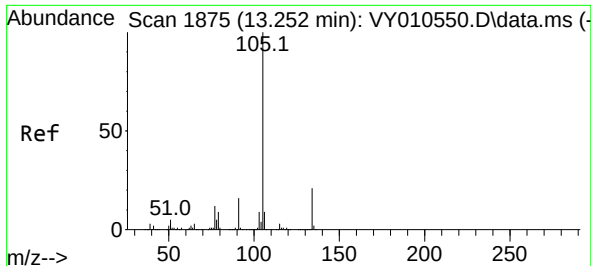
Tgt Ion:119 Resp: 473118
 Ion Ratio Lower Upper
 119 100
 91 63.0 34.8 104.4
 134 26.8 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.012 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY010546.D
 Acq: 19 Sep 2022 11:07

Tgt Ion:105 Resp: 529753
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.9

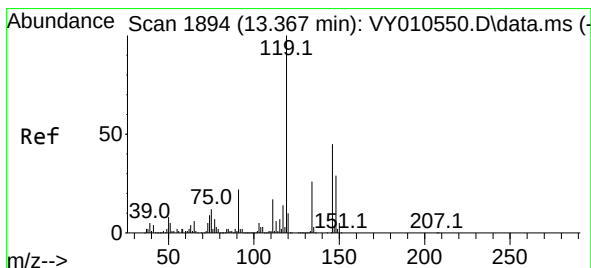
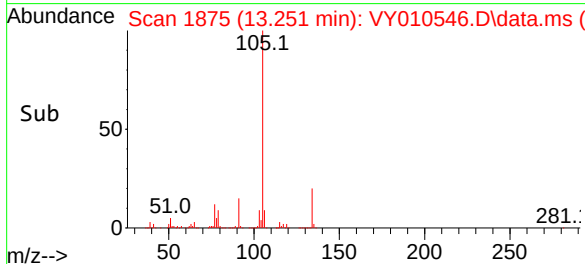
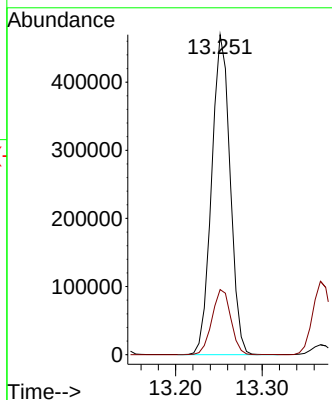
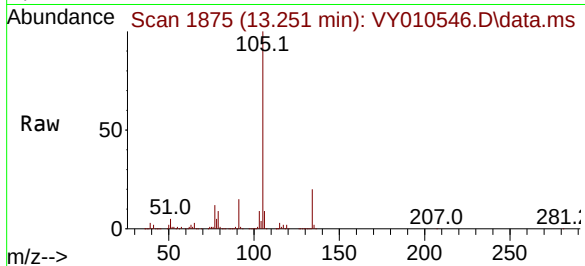




#85
 sec-Butylbenzene
 Concen: 51.925 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY010546.D
 Acq: 19 Sep 2022 11:07

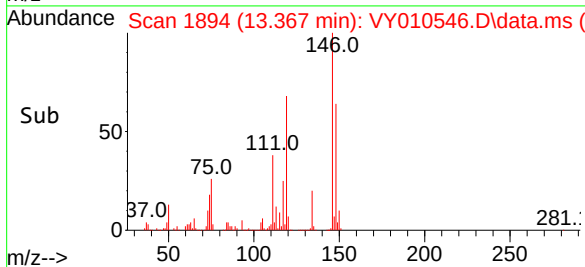
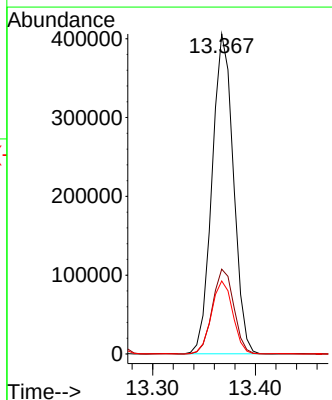
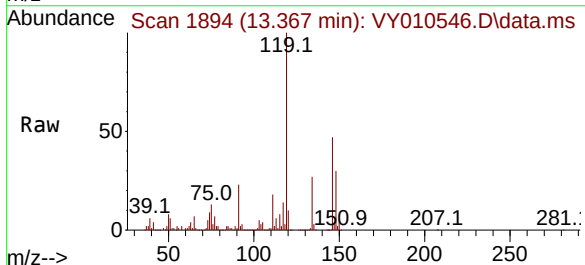
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

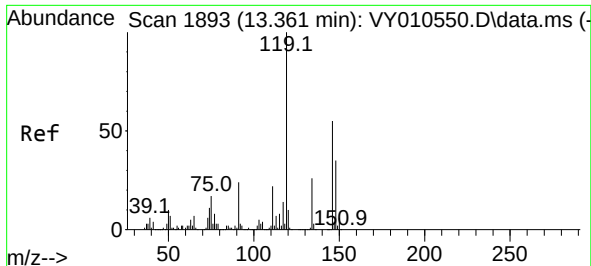
Tgt Ion:105 Resp: 697273
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 52.161 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010546.D
 Acq: 19 Sep 2022 11:07

Tgt Ion:119 Resp: 585334
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 22.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.825 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

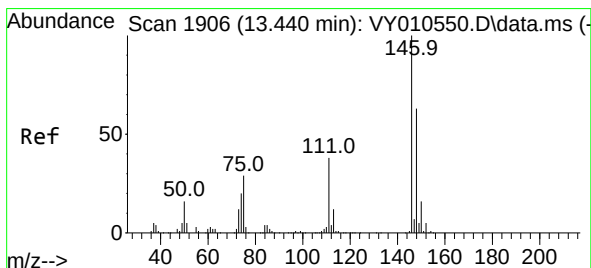
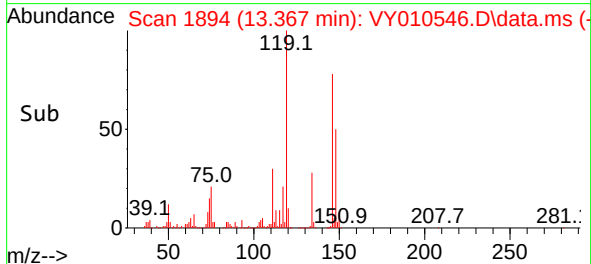
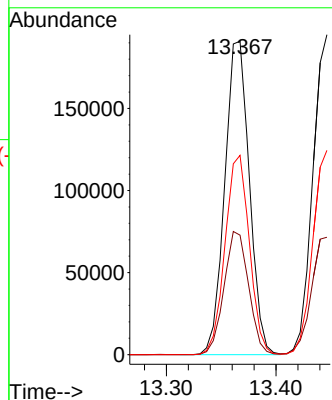
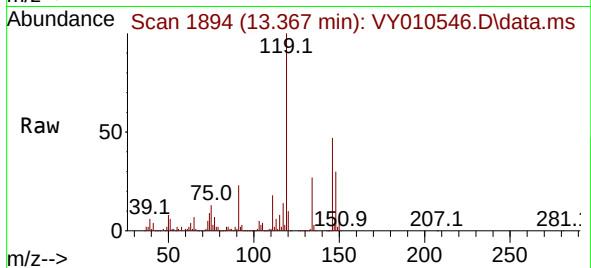
Tgt Ion:146 Resp: 297822

Ion Ratio Lower Upper

146 100

111 39.2 19.5 58.5

148 62.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 50.621 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

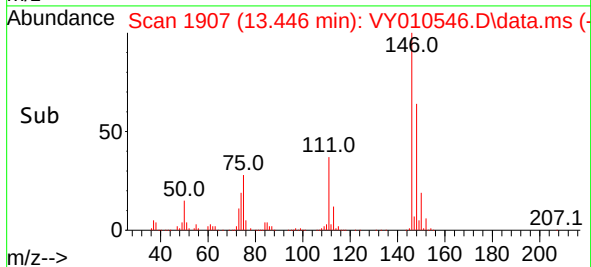
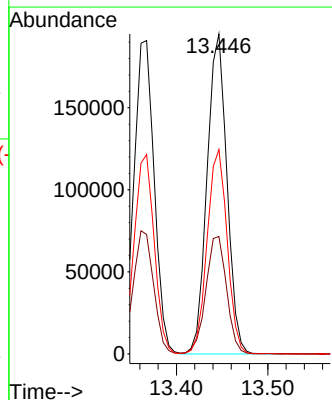
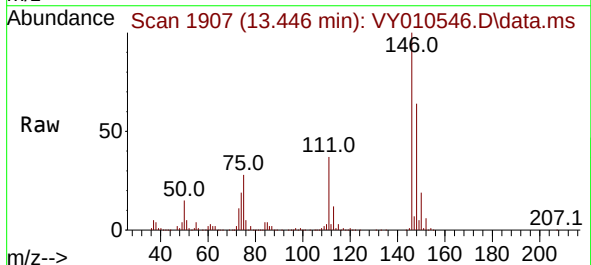
Tgt Ion:146 Resp: 293583

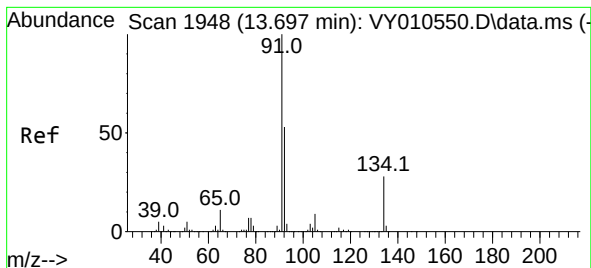
Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 64.6 32.6 97.8





#89

n-Butylbenzene

Concen: 52.877 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

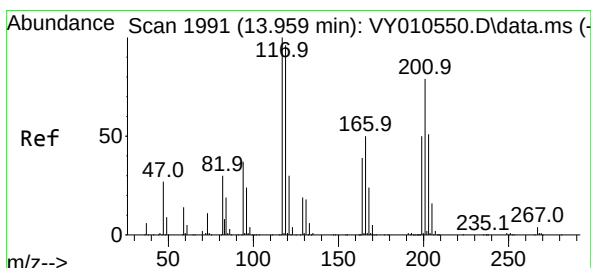
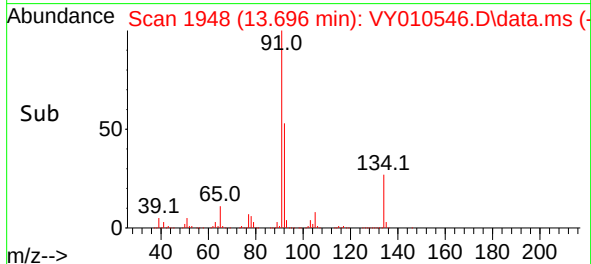
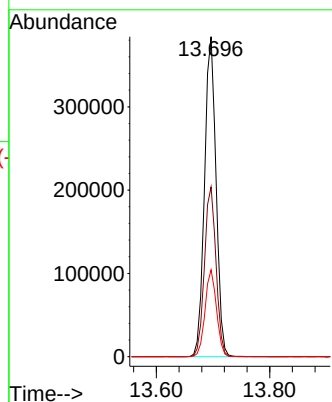
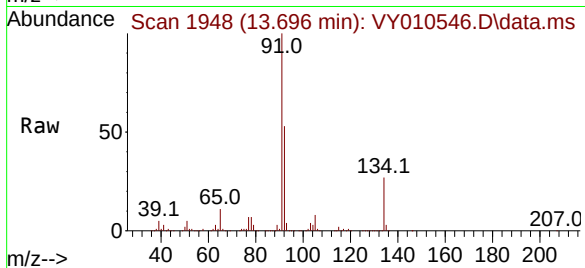
Tgt Ion: 91 Resp: 544713

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.9

134 26.8 13.0 38.9



#90

Hexachloroethane

Concen: 52.331 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY010546.D

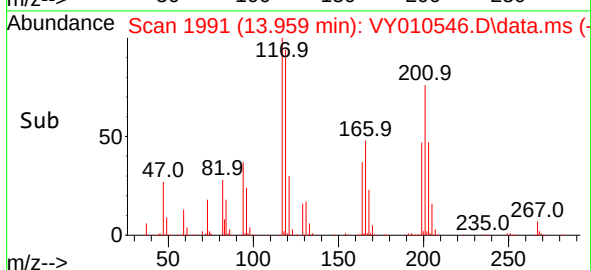
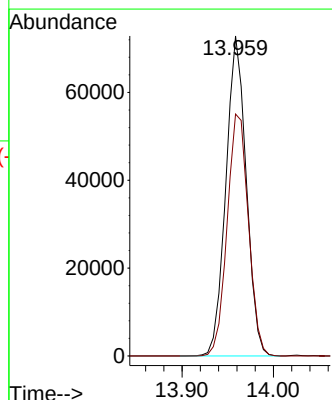
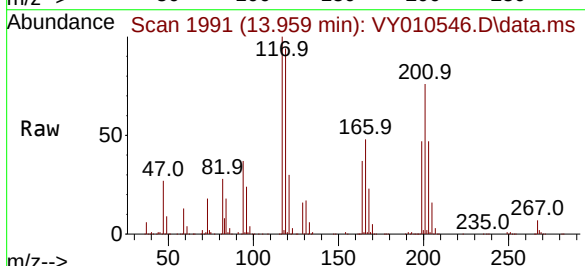
Acq: 19 Sep 2022 11:07

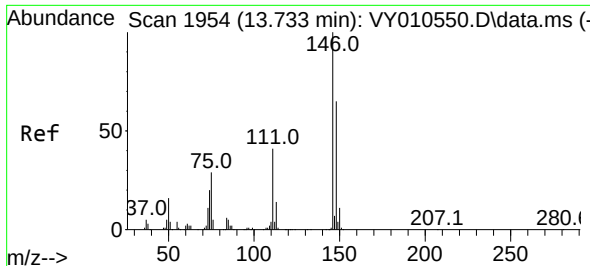
Tgt Ion: 117 Resp: 112750

Ion Ratio Lower Upper

117 100

201 79.0 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 50.882 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

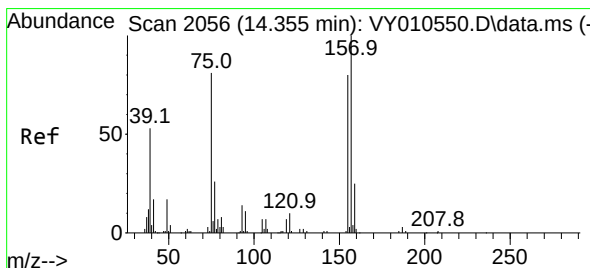
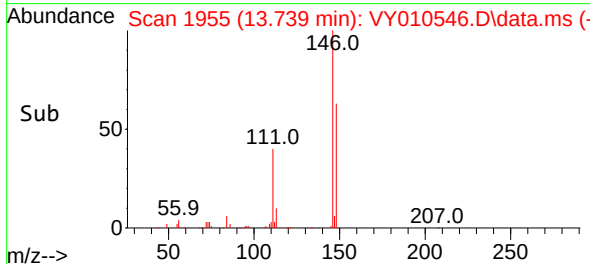
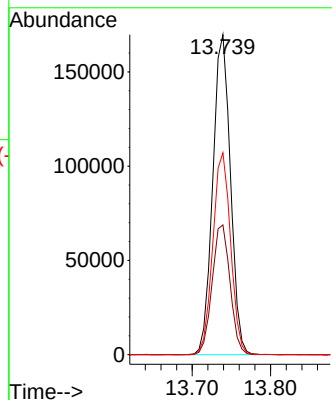
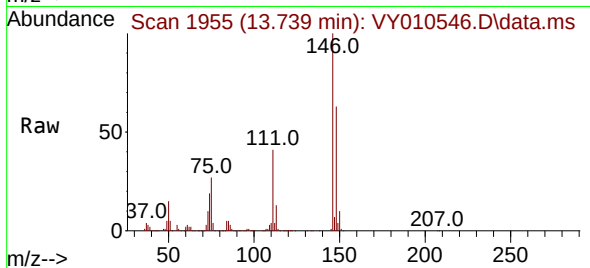
Tgt Ion:146 Resp: 265600

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.9

148 63.6 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.356 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

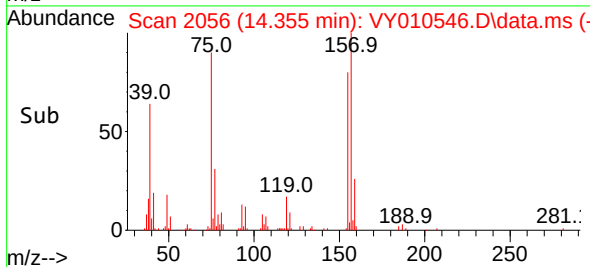
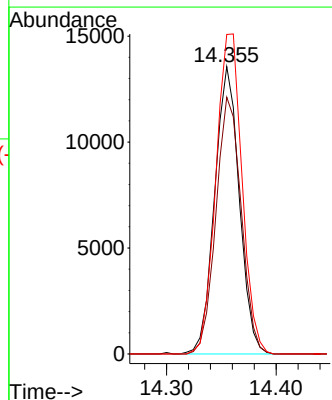
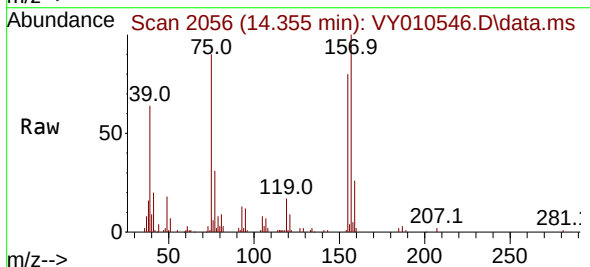
Tgt Ion: 75 Resp: 21189

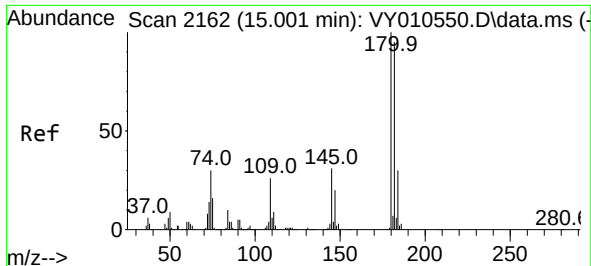
Ion Ratio Lower Upper

75 100

155 91.5 38.0 113.9

157 118.1 47.8 143.3

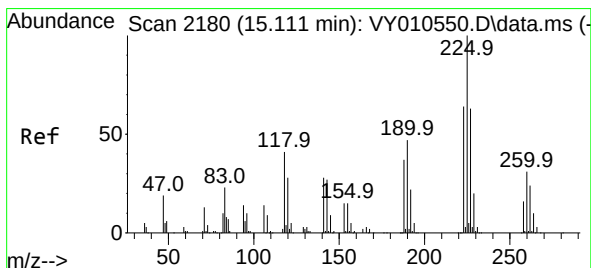
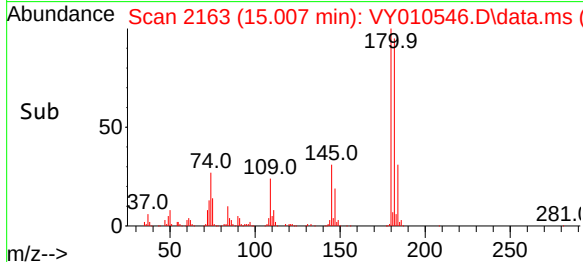
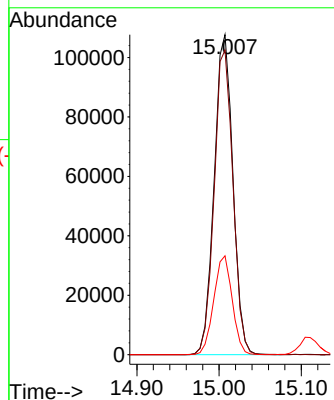
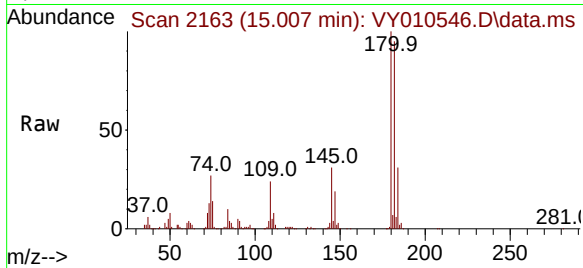




#93
 1,2,4-Trichlorobenzene
 Concen: 53.434 ug/l
 RT: 15.007 min Scan# 2162
 Delta R.T. 0.006 min
 Lab File: VY010546.D
 Acq: 19 Sep 2022 11:07

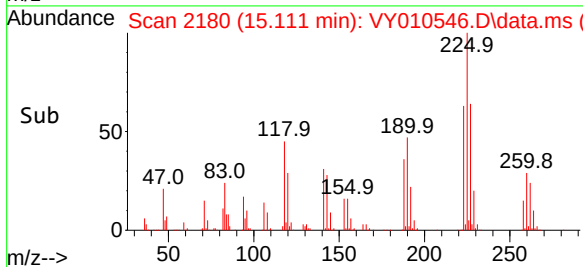
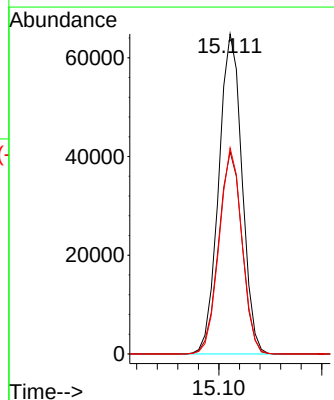
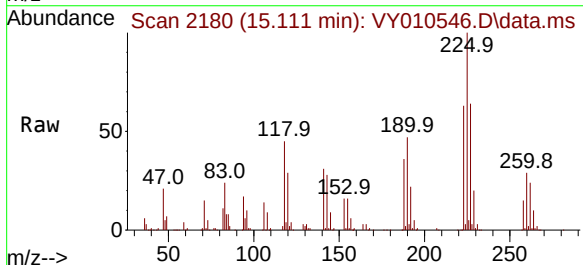
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

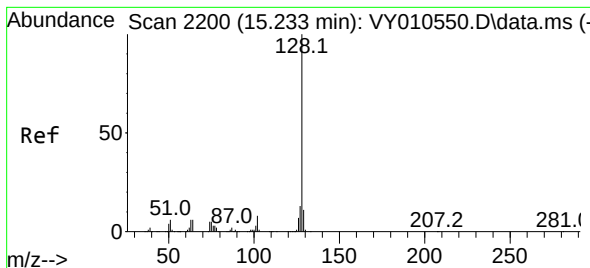
Tgt Ion:180 Resp: 170148
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.9
 145 30.5 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 52.596 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY010546.D
 Acq: 19 Sep 2022 11:07

Tgt Ion:225 Resp: 101793
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.8 92.3
 227 63.1 31.6 94.7





#95

Naphthalene

Concen: 54.851 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

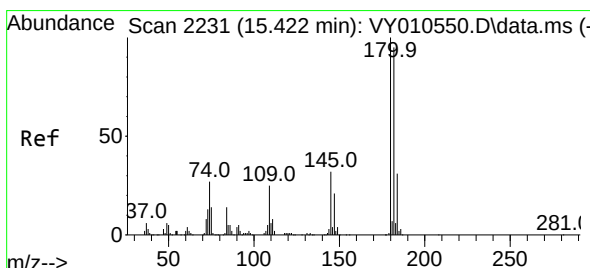
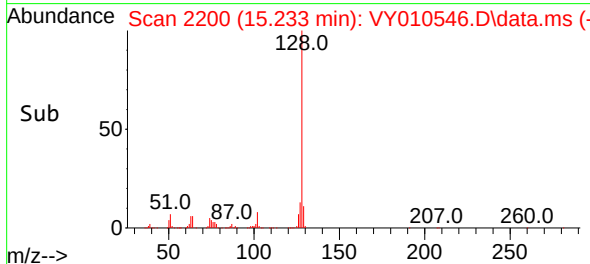
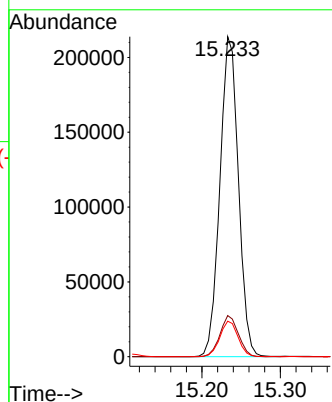
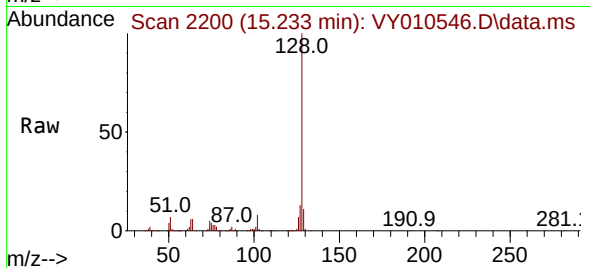
Tgt Ion:128 Resp: 351930

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 53.291 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010546.D

Acq: 19 Sep 2022 11:07

Tgt Ion:180 Resp: 147755

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.9

145 32.4 15.3 45.9

