

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010184.D
 Acq On : 23 Aug 2022 22:39
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 24 04:36:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	186296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	290505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	77421	50.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.480%	
35) Dibromofluoromethane	7.710	113	82977	50.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.500%	
50) Toluene-d8	10.179	98	275683	44.559	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.120%	
62) 4-Bromofluorobenzene	12.477	95	115459	52.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	57433	41.364	ug/l	99
3) Chloromethane	2.107	50	74394	47.621	ug/l	98
4) Vinyl Chloride	2.241	62	81800	48.067	ug/l	99
5) Bromomethane	2.638	94	65543	50.875	ug/l	97
6) Chloroethane	2.778	64	59772	55.035	ug/l	98
7) Trichlorofluoromethane	3.113	101	131698	45.666	ug/l	98
8) Diethyl Ether	3.522	74	53786	54.641	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	85828	47.940	ug/l	98
10) Methyl Iodide	4.076	142	108721	49.167	ug/l	97
11) Tert butyl alcohol	4.948	59	53432	334.099	ug/l	97
12) 1,1-Dichloroethene	3.857	96	81173	47.265	ug/l	94
13) Acrolein	3.723	56	19328	251.043	ug/l	97
14) Allyl chloride	4.466	41	143380	56.447	ug/l	97
15) Acrylonitrile	5.149	53	155411	328.427	ug/l	100
16) Acetone	3.936	43	115441	302.269	ug/l	97
17) Carbon Disulfide	4.180	76	259477	47.609	ug/l	98
18) Methyl Acetate	4.466	43	75960	64.917	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	250406	58.840	ug/l	98
20) Methylene Chloride	4.704	84	123259	57.906	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	100614	51.669	ug/l	97
22) Diisopropyl ether	6.113	45	329176	61.697	ug/l	98
23) Vinyl Acetate	6.052	43	1066521	329.388	ug/l	97
24) 1,1-Dichloroethane	6.003	63	178039	55.375	ug/l	99
25) 2-Butanone	6.978	43	203103	330.604	ug/l	93
26) 2,2-Dichloropropane	6.972	77	134607	46.785	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	116708	54.172	ug/l	96
28) Bromochloromethane	7.326	49	65316	59.783	ug/l	91
29) Tetrahydrofuran	7.338	42	137701	350.500	ug/l	95
30) Chloroform	7.496	83	186364	55.429	ug/l	99
31) Cyclohexane	7.777	56	157291	50.311	ug/l	98
32) 1,1,1-Trichloroethane	7.692	97	155454	53.035	ug/l	98
36) 1,1-Dichloropropene	7.911	75	137010	51.986	ug/l	100
37) Ethyl Acetate	7.070	43	91260	68.205	ug/l	98
38) Carbon Tetrachloride	7.893	117	141277	51.113	ug/l	99
39) Methylcyclohexane	9.179	83	165279	50.856	ug/l	96
40) Benzene	8.155	78	420233	54.209	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	48049	62.644	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	117275	58.986	ug/l	100
43) Isopropyl Acetate	8.265	43	160553	66.466	ug/l	95
44) Trichloroethene	8.935	130	113871	51.245	ug/l	96
45) 1,2-Dichloropropane	9.210	63	107720	57.740	ug/l	100
46) Dibromomethane	9.301	93	62554	57.311	ug/l	98
47) Bromodichloromethane	9.490	83	144490	56.881	ug/l	98
48) Methyl methacrylate	9.289	41	71793	66.427	ug/l	97
49) 1,4-Dioxane	9.289	88	17782	1406.597	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	453698	347.154	ug/l	98
52) Toluene	10.240	92	267461	54.418	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	146920	56.592	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	168209	55.545	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	90364	57.490	ug/l	98
56) Ethyl methacrylate	10.508	69	123326	62.212	ug/l	96
57) 1,3-Dichloropropane	10.789	76	153344	59.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	209160	264.520	ug/l	97
59) 2-Hexanone	10.831	43	314340	350.777	ug/l	97
60) Dibromochloromethane	10.984	129	107919	56.336	ug/l	99
61) 1,2-Dibromoethane	11.087	107	87222	57.017	ug/l	99
64) Tetrachloroethene	10.715	164	112805	48.107	ug/l	98
65) Chlorobenzene	11.514	112	293876	50.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	111001	51.395	ug/l	100
67) Ethyl Benzene	11.593	91	517813	50.859	ug/l	99
68) m/p-Xylenes	11.697	106	404076	101.767	ug/l	99
69) o-Xylene	12.026	106	189429	51.238	ug/l	99
70) Styrene	12.044	104	334047	52.949	ug/l	99
71) Bromoform	12.203	173	72062	54.202	ug/l	100
73) Isopropylbenzene	12.325	105	505553	47.013	ug/l	99
74) N-amyl acetate	12.142	43	141647	54.643	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	108451	50.418	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	140723	94.003	ug/l #	100
77) Bromobenzene	12.605	156	122706	46.909	ug/l	99
78) n-propylbenzene	12.666	91	622515	47.148	ug/l	100
79) 2-Chlorotoluene	12.752	91	345883	46.505	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	430525	47.851	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	37148	49.841	ug/l	96
82) 4-Chlorotoluene	12.849	91	363459	47.140	ug/l	100
83) tert-Butylbenzene	13.075	119	368715	47.008	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	430161	48.274	ug/l	99
85) sec-Butylbenzene	13.251	105	556701	46.811	ug/l	99
86) p-Isopropyltoluene	13.367	119	464955	47.430	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	245267	46.565	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	244550	46.369	ug/l	100
89) n-Butylbenzene	13.697	91	435392	47.188	ug/l	99
90) Hexachloroethane	13.959	117	91266	45.661	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	222272	47.540	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17604	53.530	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	131401	47.402	ug/l	99
94) Hexachlorobutadiene	15.111	225	73722	44.796	ug/l	100
95) Naphthalene	15.233	128	277492	46.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	114394	47.354	ug/l	99

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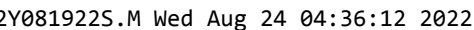
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

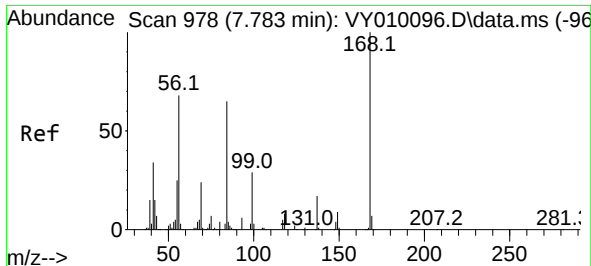
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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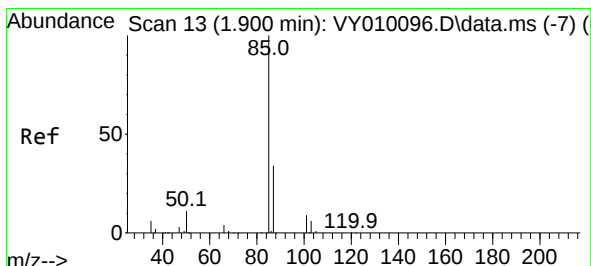
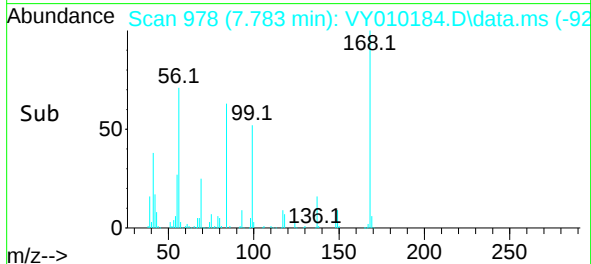
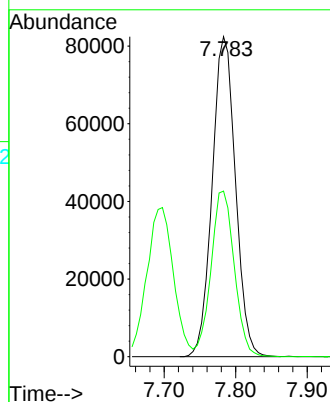
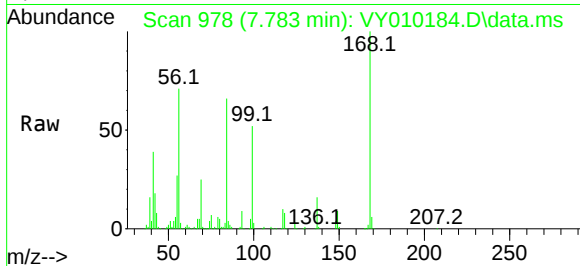




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010184.D
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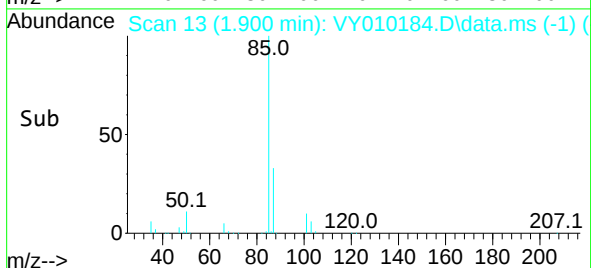
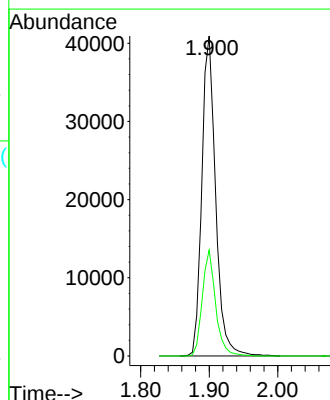
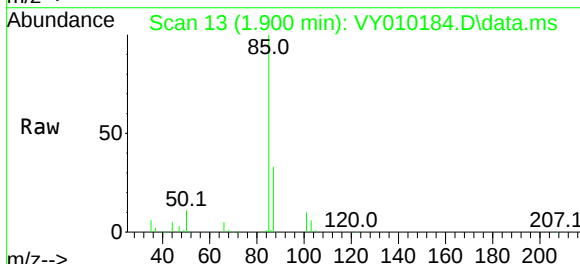
Instrument :
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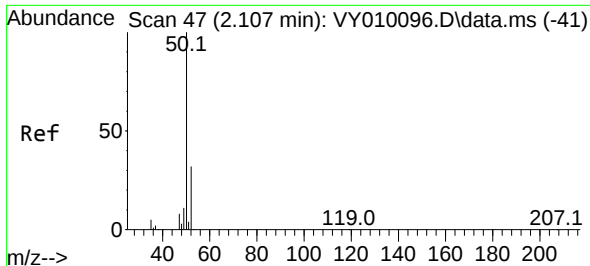
Tgt Ion:168 Resp: 186296
Ion Ratio Lower Upper
168 100
99 51.8 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 41.364 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 85 Resp: 57433
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.4

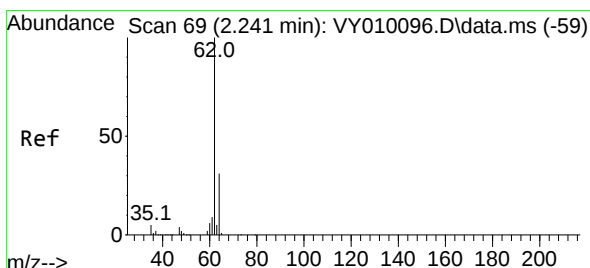
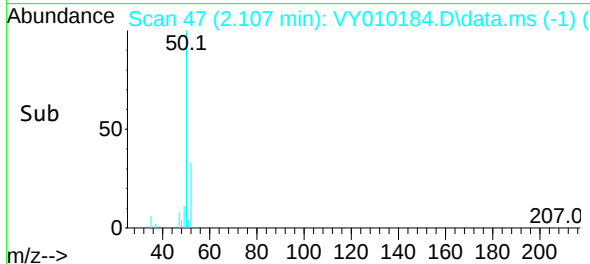
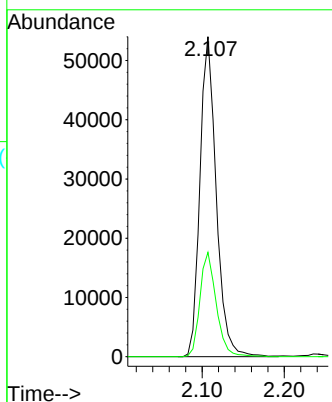
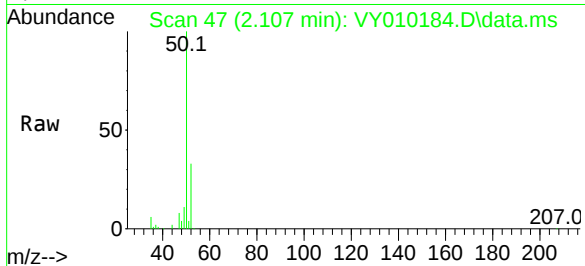




#3
Chloromethane
Concen: 47.621 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

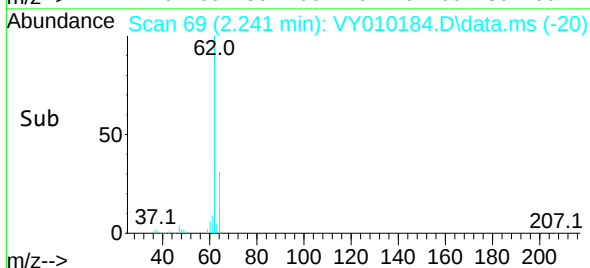
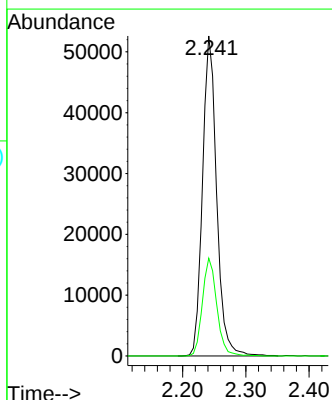
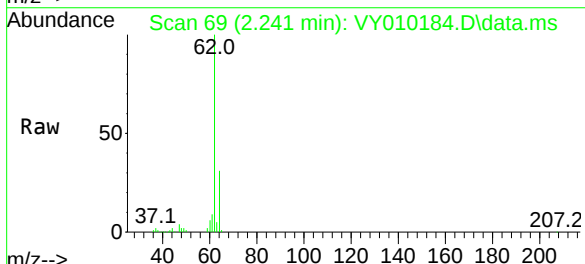
Instrument :
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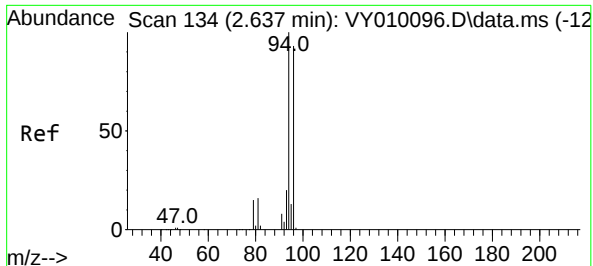
Tgt Ion: 50 Resp: 74394
Ion Ratio Lower Upper
50 100
52 32.6 25.3 37.9



#4
Vinyl Chloride
Concen: 48.067 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 62 Resp: 81800
Ion Ratio Lower Upper
62 100
64 30.6 24.7 37.1

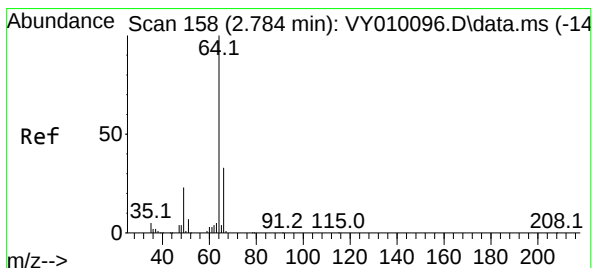
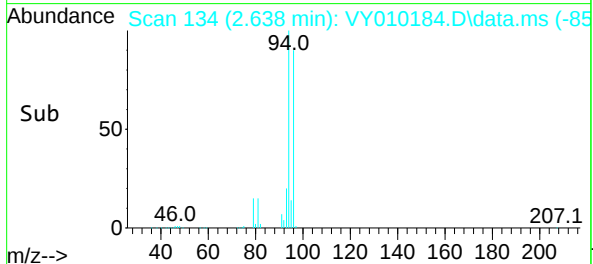
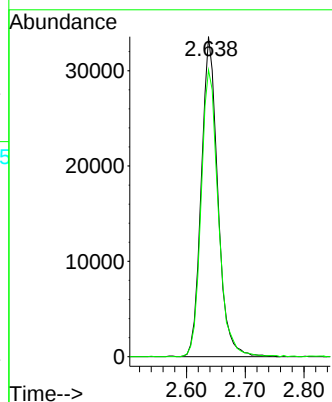
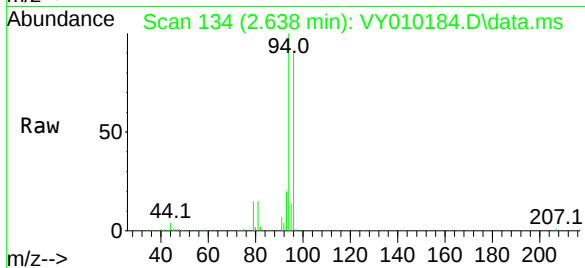




#5
Bromomethane
Concen: 50.875 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

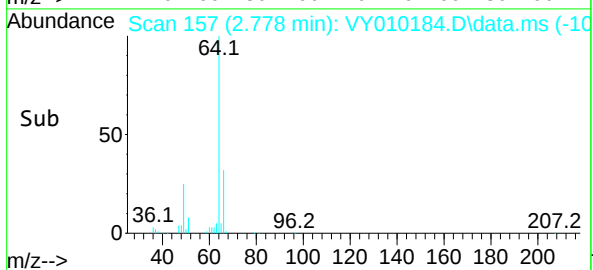
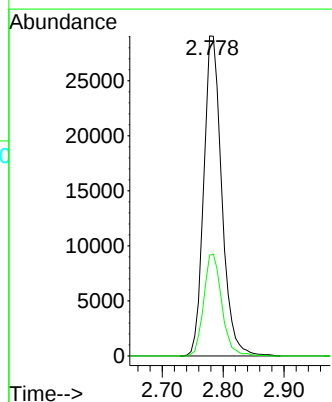
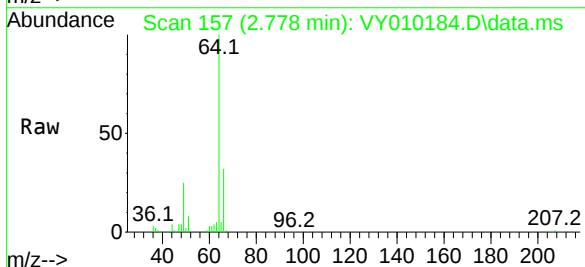
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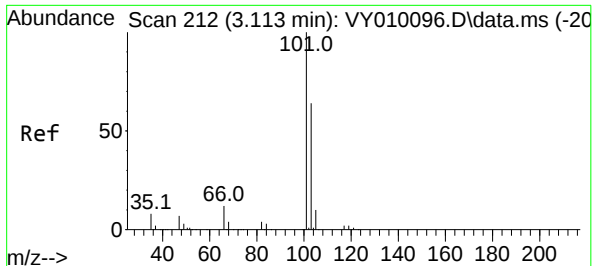
Tgt Ion: 94 Resp: 65543
Ion Ratio Lower Upper
94 100
96 89.6 74.3 111.5



#6
Chloroethane
Concen: 55.035 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 64 Resp: 59772
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4

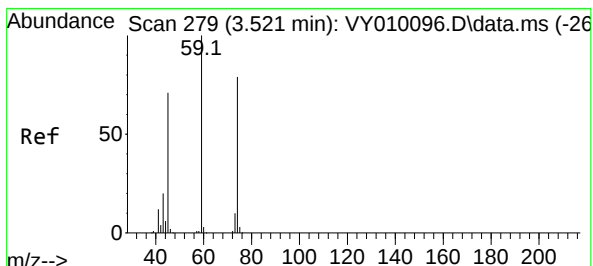
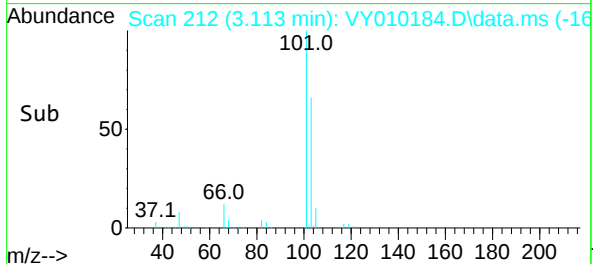
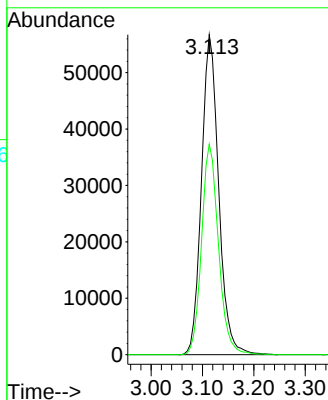
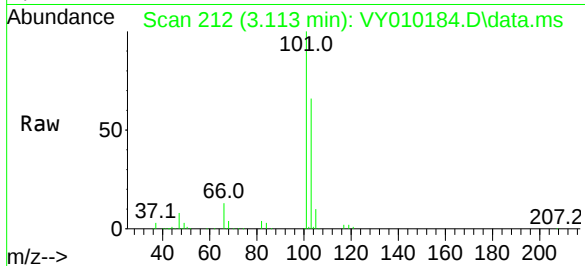




#7
Trichlorofluoromethane
Concen: 45.666 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

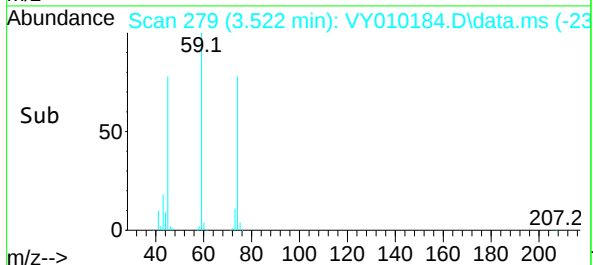
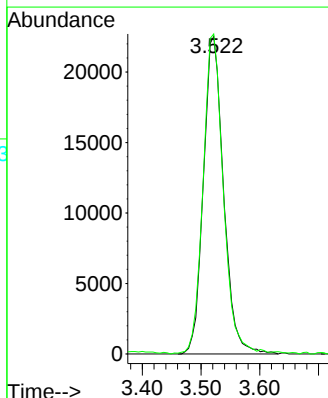
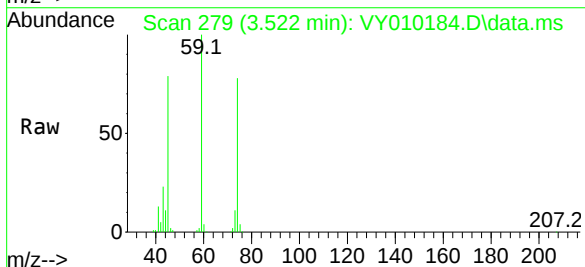
Instrument :
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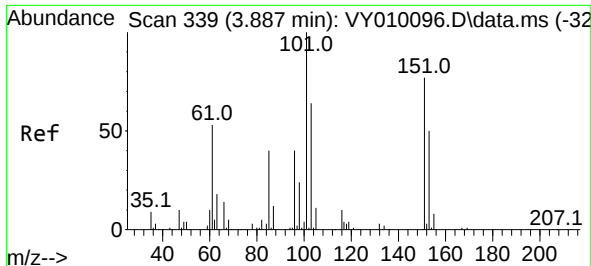
Tgt Ion:101 Resp: 131698
Ion Ratio Lower Upper
101 100
103 65.8 51.1 76.7



#8
Diethyl Ether
Concen: 54.641 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.001 min
Lab File: VY010184.D
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Tgt Ion: 74 Resp: 53786
Ion Ratio Lower Upper
74 100
45 101.0 46.8 140.3

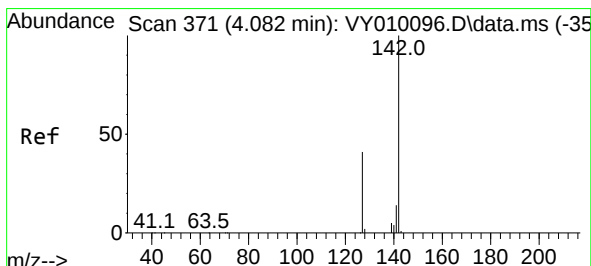
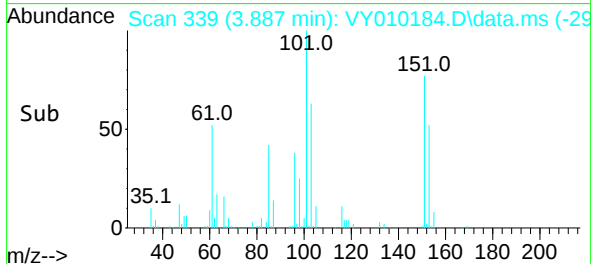
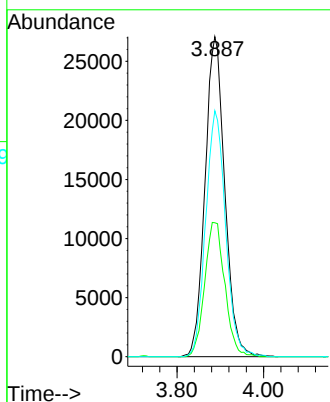
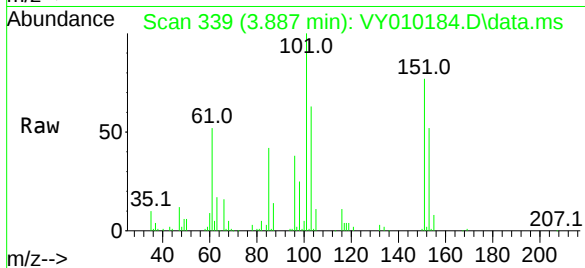




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.940 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

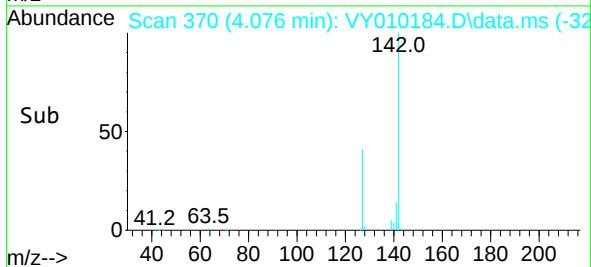
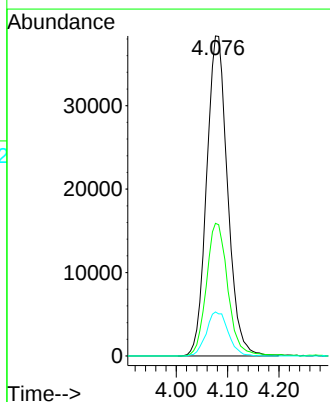
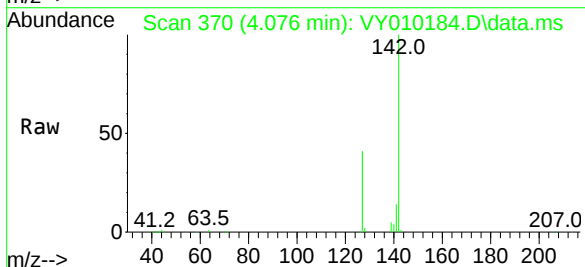
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

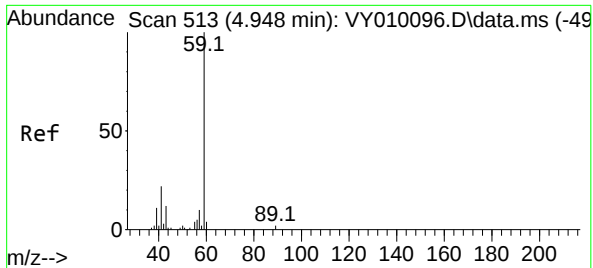
Tgt Ion:101 Resp: 85828
Ion Ratio Lower Upper
101 100
85 42.7 33.4 50.2
151 77.4 63.8 95.8



#10
Methyl Iodide
Concen: 49.167 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion:142 Resp: 108721
Ion Ratio Lower Upper
142 100
127 42.4 32.2 48.4
141 14.3 11.7 17.5

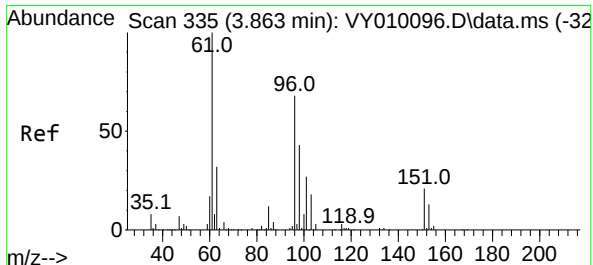
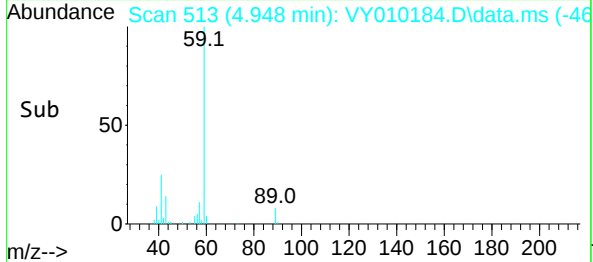
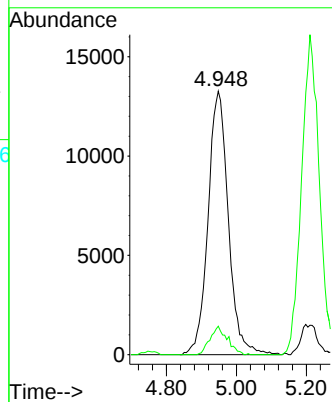
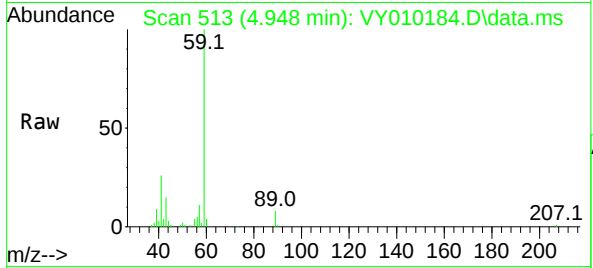




#11
Tert butyl alcohol
Concen: 334.099 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

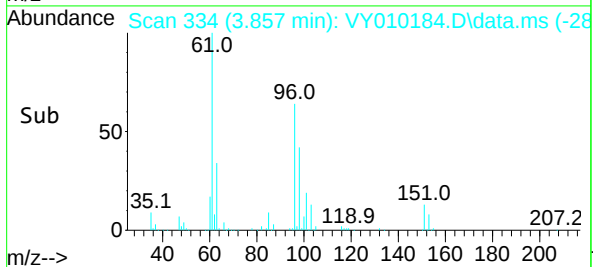
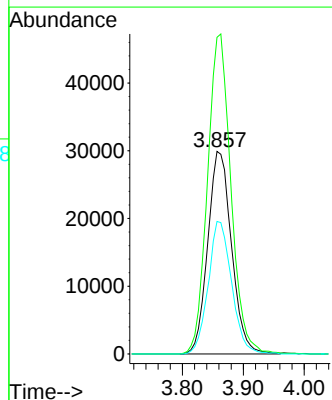
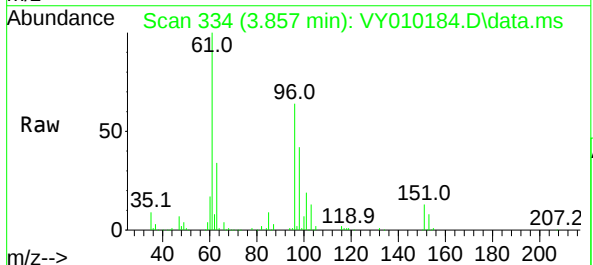
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

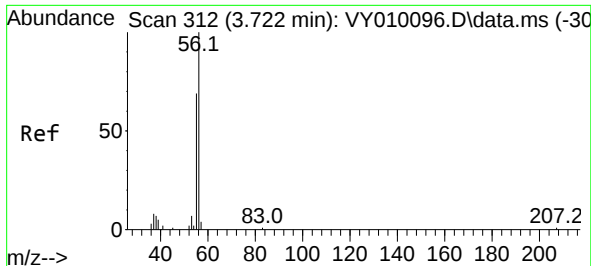
Tgt Ion: 59 Resp: 53432
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.265 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 96 Resp: 81173
Ion Ratio Lower Upper
96 100
61 156.3 118.0 177.0
98 65.4 50.6 76.0

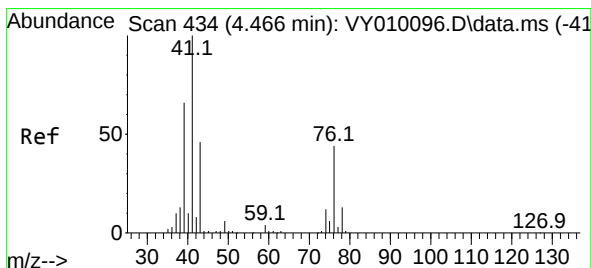
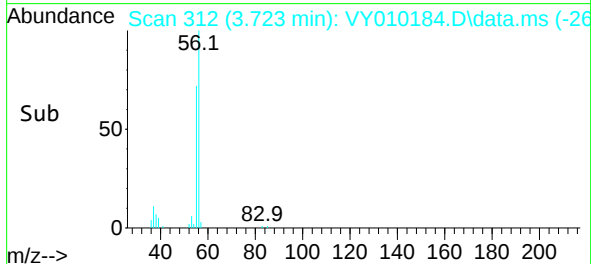
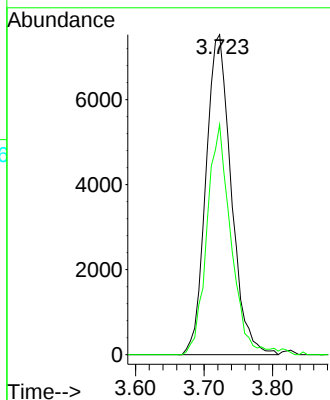
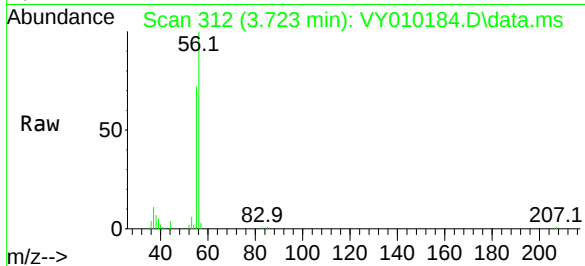




#13
Acrolein
Concen: 251.043 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.001 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

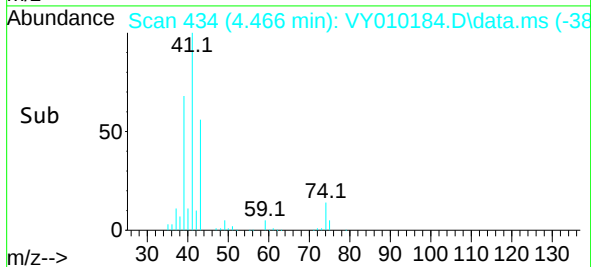
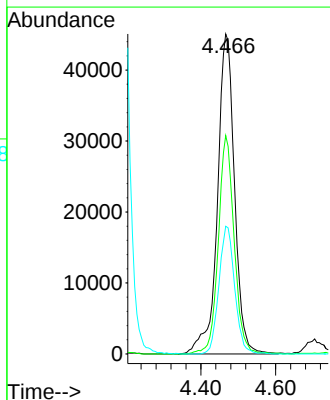
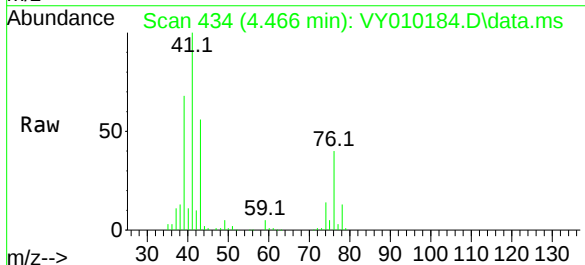
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

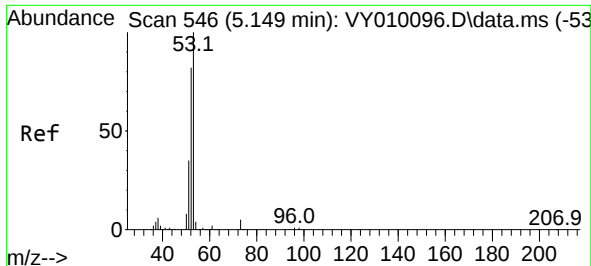
Tgt Ion: 56 Resp: 19328
Ion Ratio Lower Upper
56 100
55 69.0 57.5 86.3



#14
Allyl chloride
Concen: 56.447 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 41 Resp: 143380
Ion Ratio Lower Upper
41 100
39 63.3 49.8 74.6
76 36.7 32.6 48.8

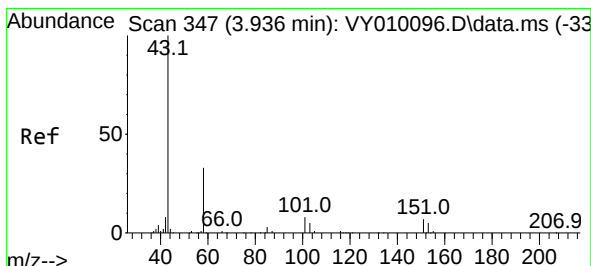
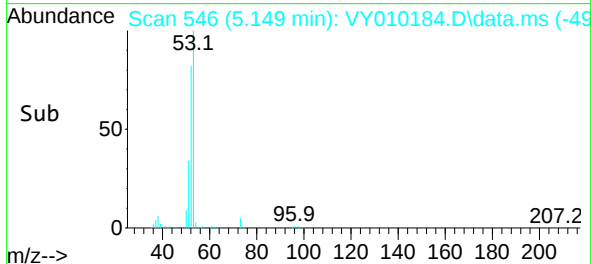
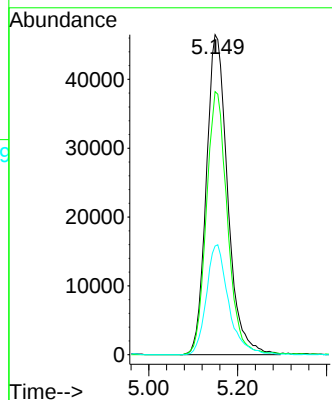
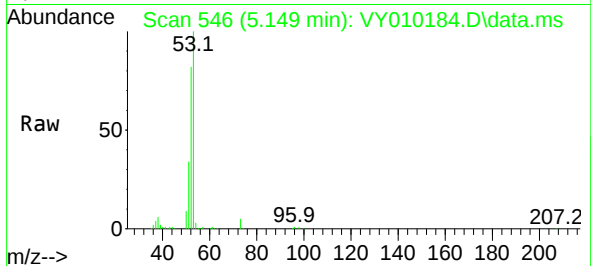




#15
Acrylonitrile
Concen: 328.427 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

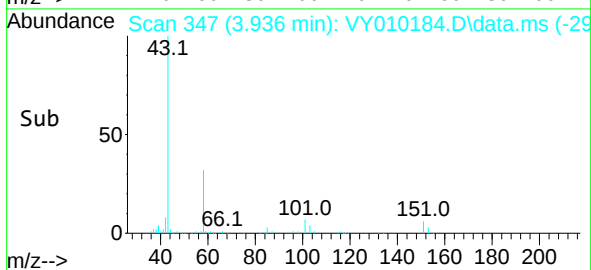
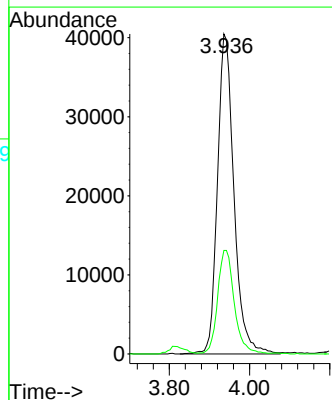
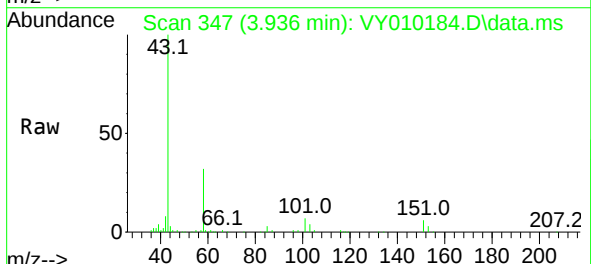
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

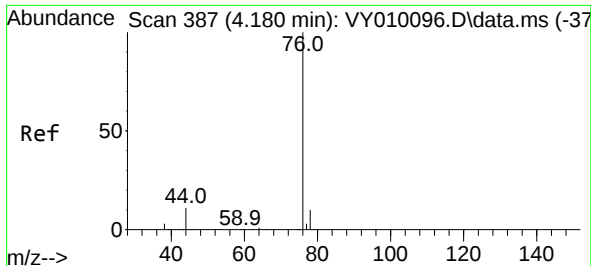
Tgt Ion: 53 Resp: 155411
Ion Ratio Lower Upper
53 100
52 81.1 64.6 96.8
51 35.8 28.3 42.5



#16
Acetone
Concen: 302.269 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 43 Resp: 115441
Ion Ratio Lower Upper
43 100
58 32.2 27.4 41.0





#17

Carbon Disulfide

Concen: 47.609 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

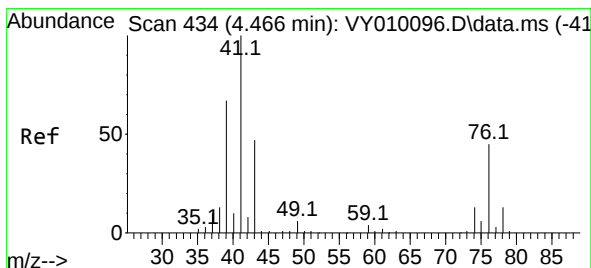
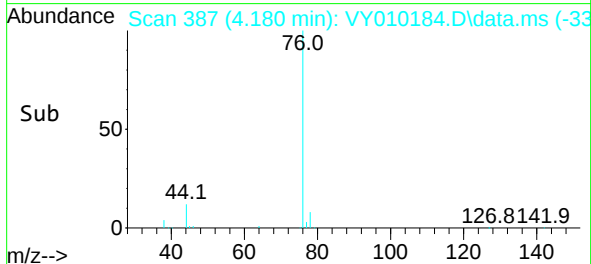
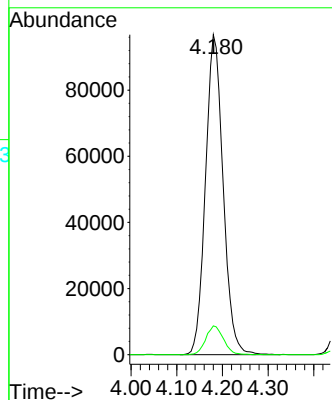
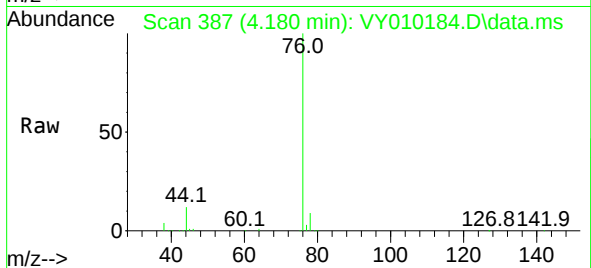
VSTDCCC050EC

Tgt Ion: 76 Resp: 259477

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5



#18

Methyl Acetate

Concen: 64.917 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY010184.D

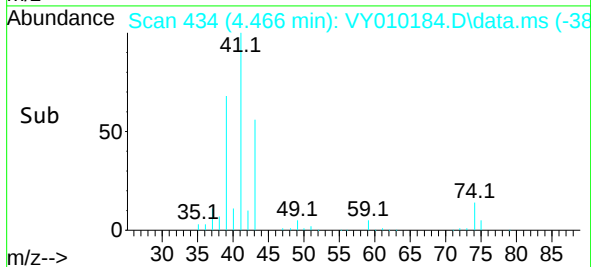
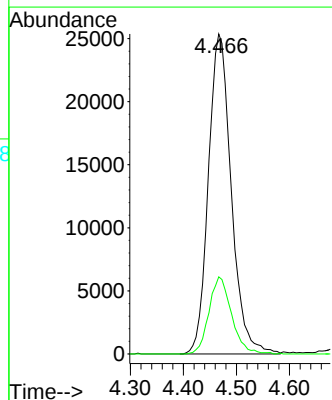
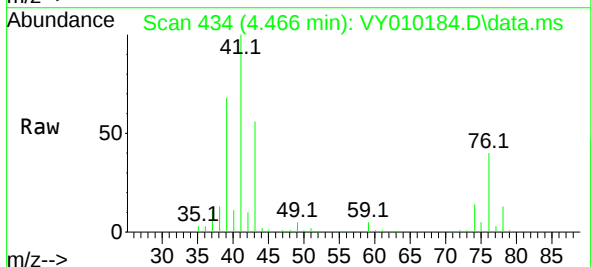
Acq: 23 Aug 2022 22:39

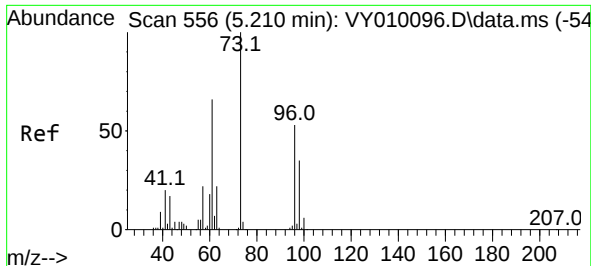
Tgt Ion: 43 Resp: 75960

Ion Ratio Lower Upper

43 100

74 23.8 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 58.840 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

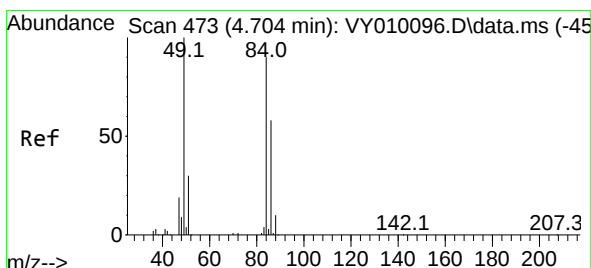
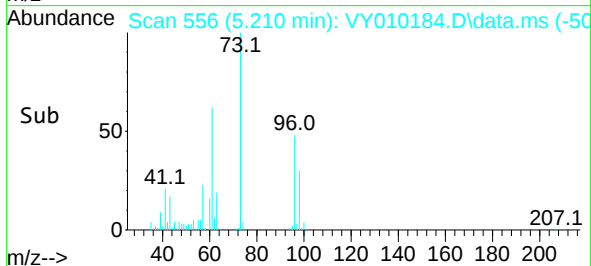
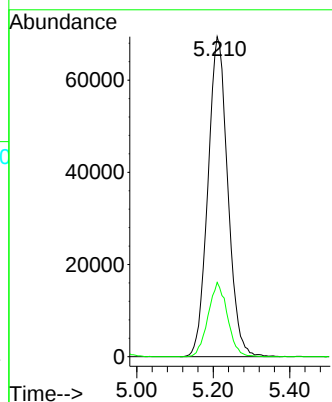
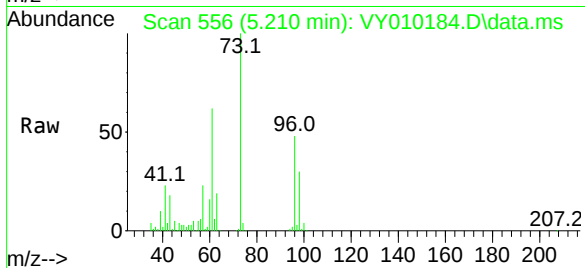
VSTDCCC050EC

Tgt Ion: 73 Resp: 250406

Ion Ratio Lower Upper

73 100

57 23.2 17.8 26.8



#20

Methylene Chloride

Concen: 57.906 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Tgt Ion: 84 Resp: 123259

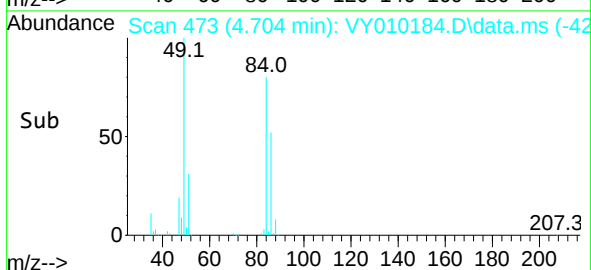
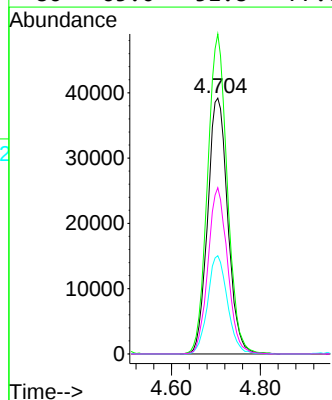
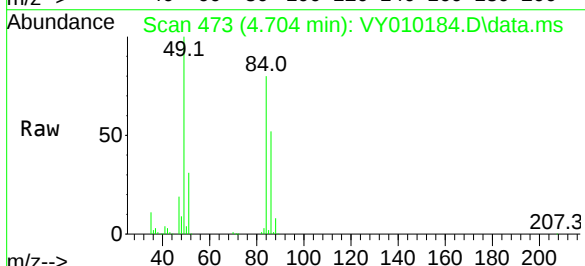
Ion Ratio Lower Upper

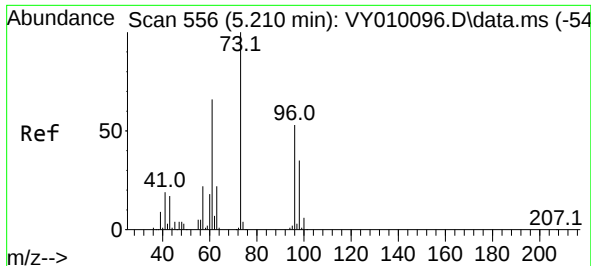
84 100

49 125.0 89.0 133.4

51 38.4 27.0 40.6

86 65.0 51.8 77.6

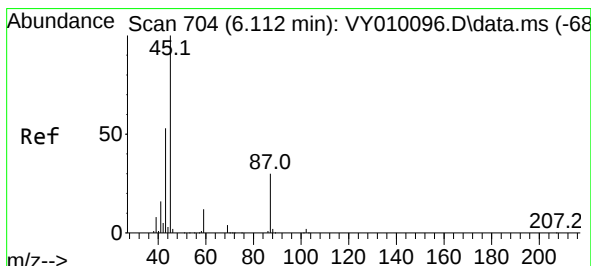
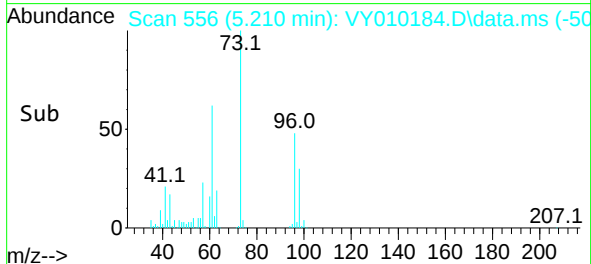
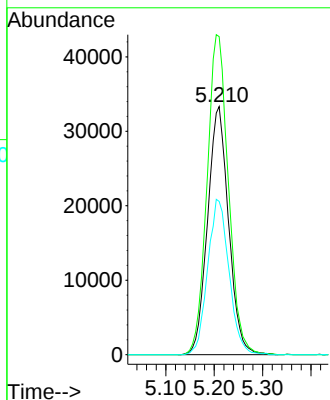
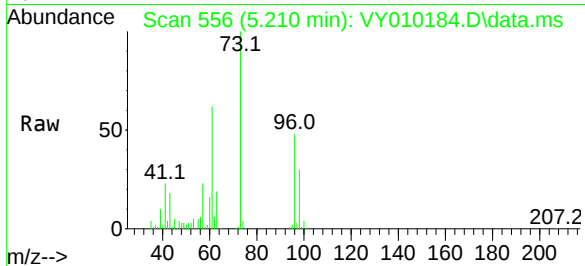




#21
trans-1,2-Dichloroethene
Concen: 51.669 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

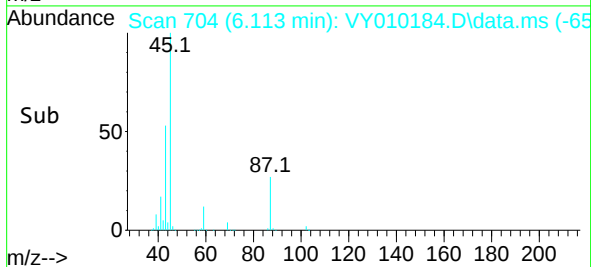
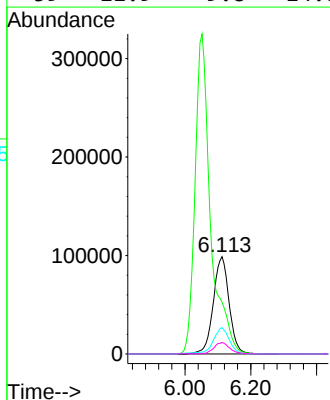
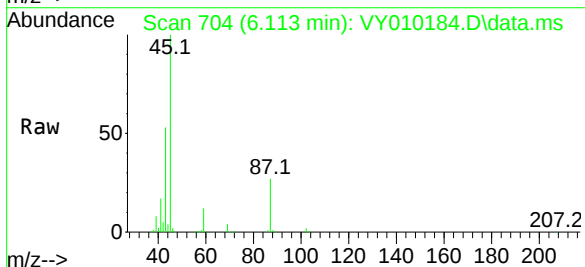
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

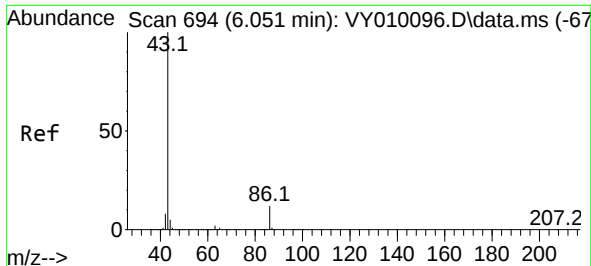
Tgt Ion: 96 Resp: 100614
Ion Ratio Lower Upper
96 100
61 128.2 100.3 150.5
98 61.8 52.6 78.8



#22
Diisopropyl ether
Concen: 61.697 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 45 Resp: 329176
Ion Ratio Lower Upper
45 100
43 53.1 42.4 63.6
87 27.2 24.1 36.1
59 11.9 9.8 14.8

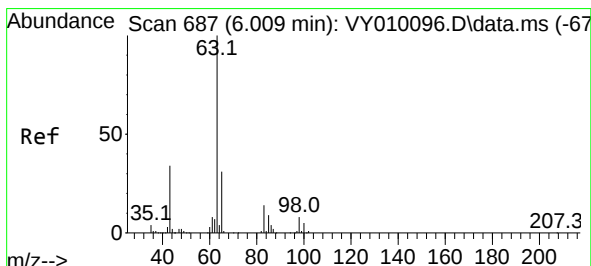
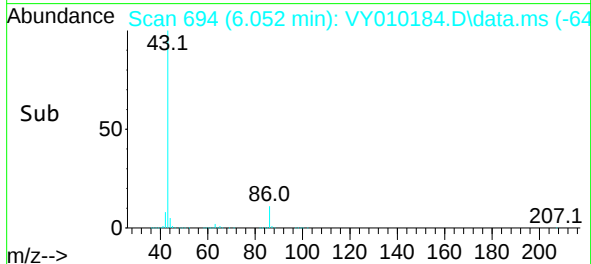
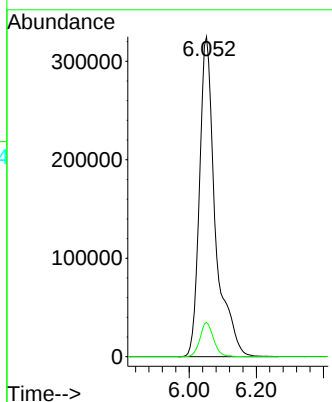
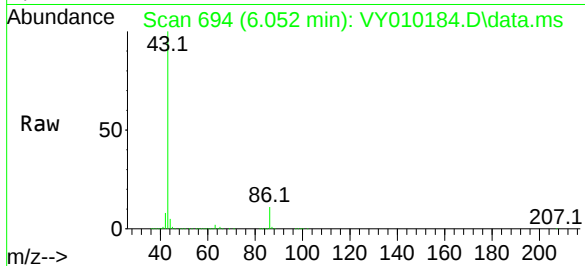




#23
 Vinyl Acetate
 Concen: 329.388 ug/l
 RT: 6.052 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY010184.D
 Acq: 23 Aug 2022 22:39

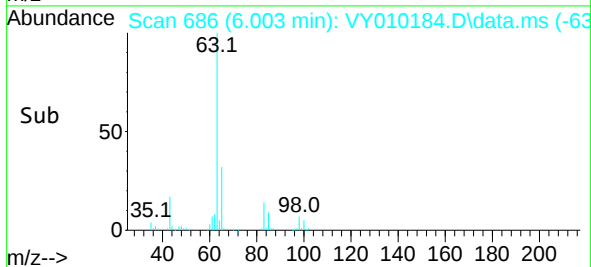
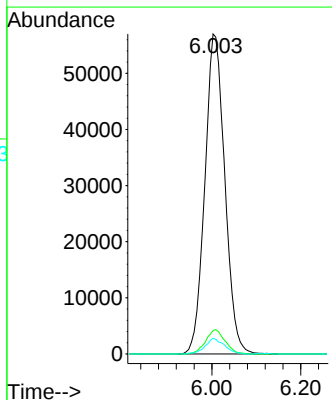
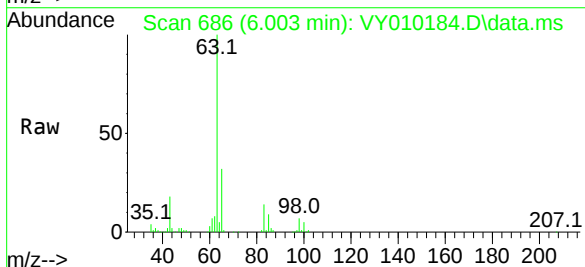
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

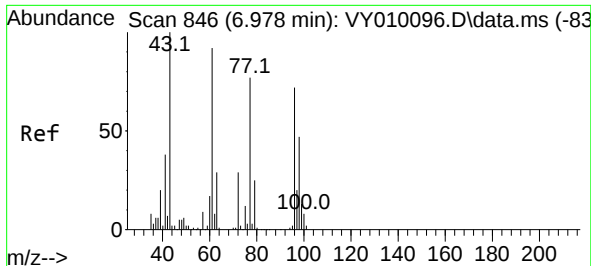
Tgt Ion: 43 Resp: 1066521
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 55.375 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY010184.D
 Acq: 23 Aug 2022 22:39

Tgt Ion: 63 Resp: 178039
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.9 2.5 7.4

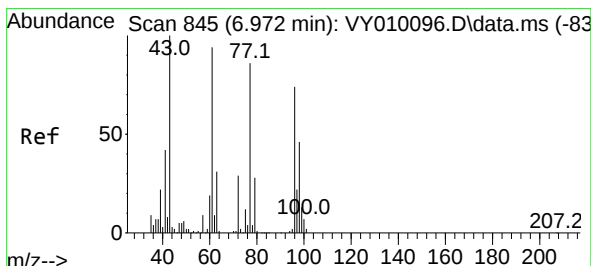
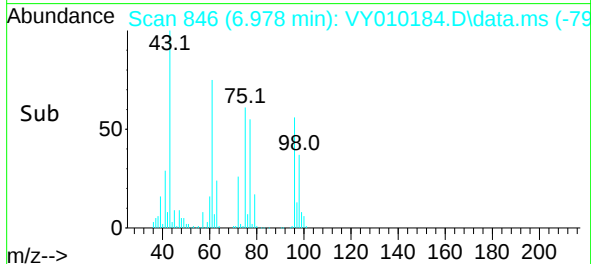
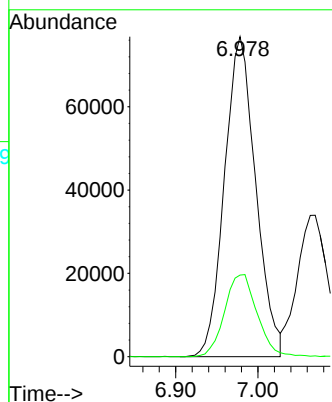
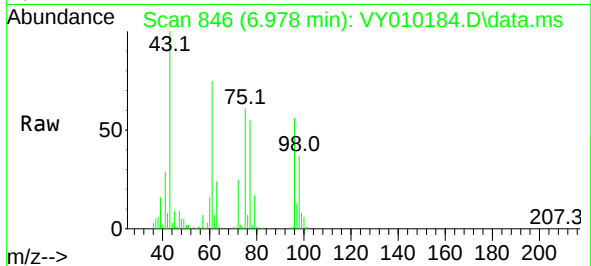




#25
2-Butanone
Concen: 330.604 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

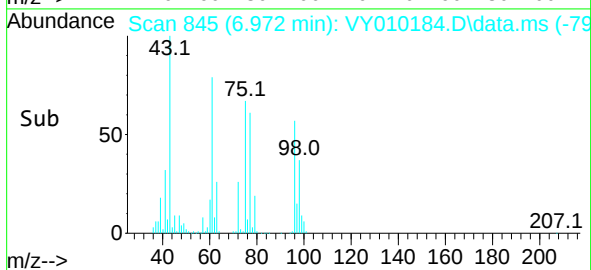
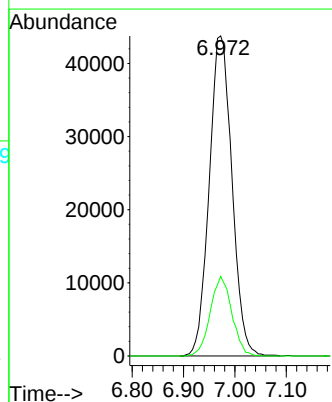
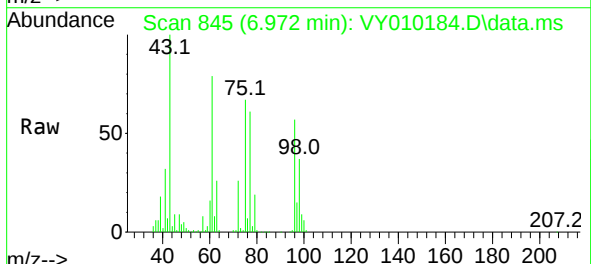
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

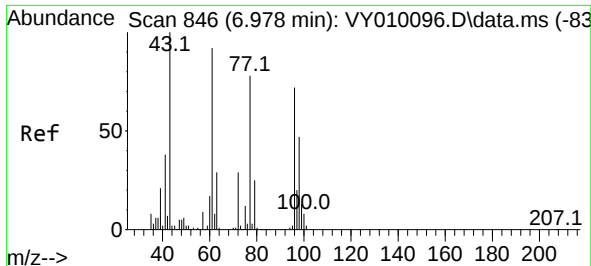
Tgt Ion: 43 Resp: 203103
Ion Ratio Lower Upper
43 100
72 25.5 23.2 34.8



#26
2,2-Dichloropropane
Concen: 46.785 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 77 Resp: 134607
Ion Ratio Lower Upper
77 100
97 23.5 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 54.172 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

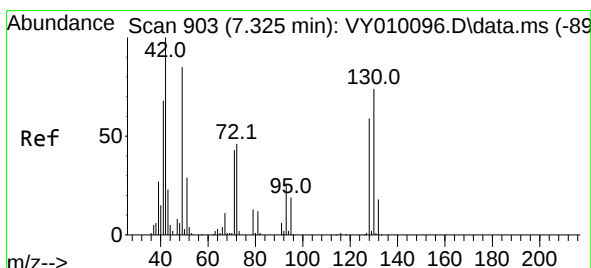
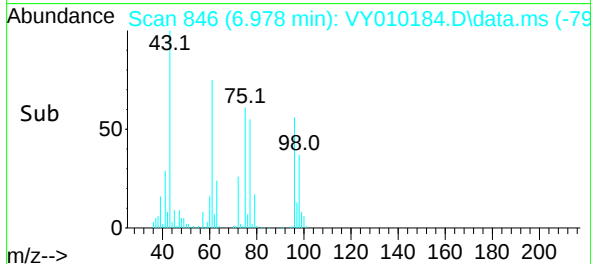
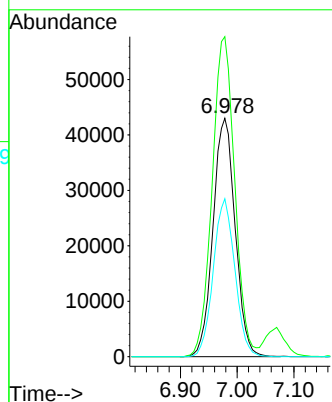
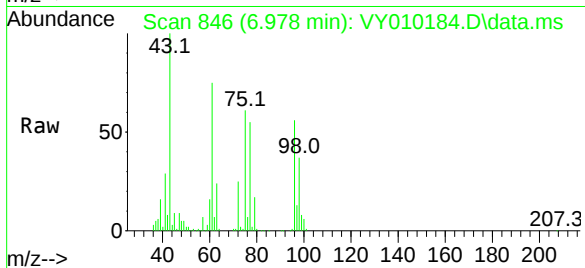
Tgt Ion: 96 Resp: 116708

Ion Ratio Lower Upper

96 100

61 136.4 0.0 258.8

98 64.6 0.0 128.6



#28

Bromochloromethane

Concen: 59.783 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.001 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

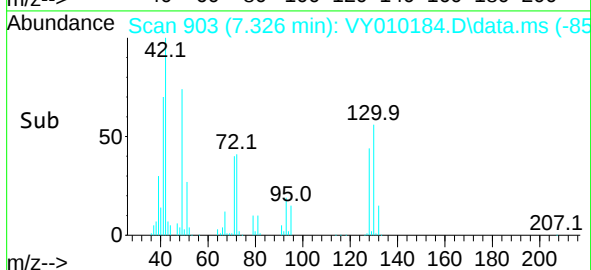
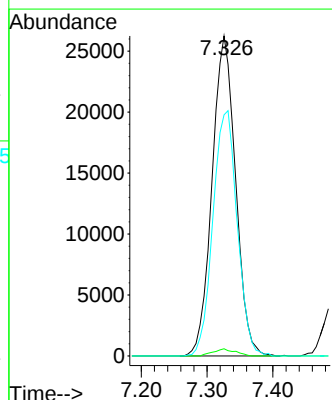
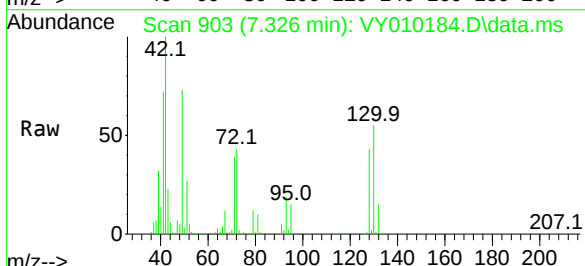
Tgt Ion: 49 Resp: 65316

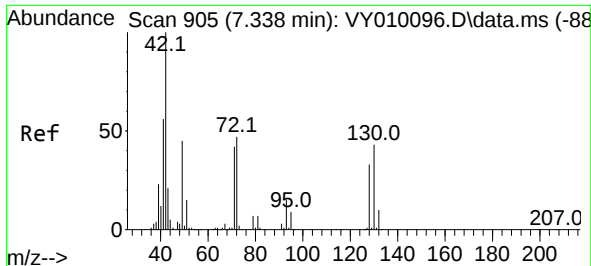
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

130 79.1 70.4 105.6





#29

Tetrahydrofuran

Concen: 350.500 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

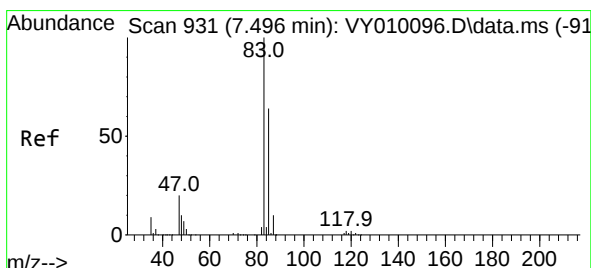
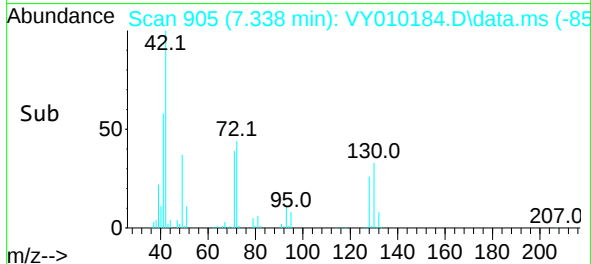
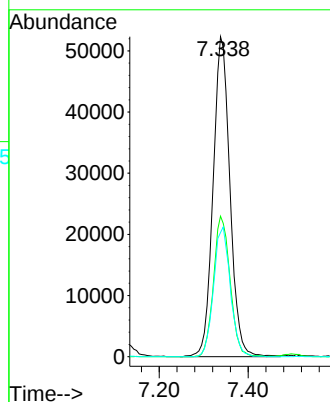
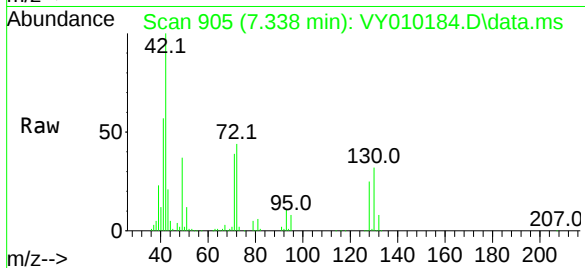
Tgt Ion: 42 Resp: 137701

Ion Ratio Lower Upper

42 100

72 43.2 37.4 56.0

71 40.3 34.9 52.3



#30

Chloroform

Concen: 55.429 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010184.D

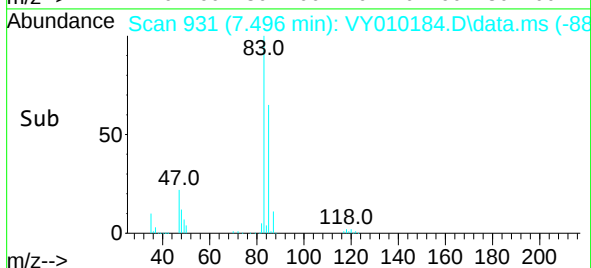
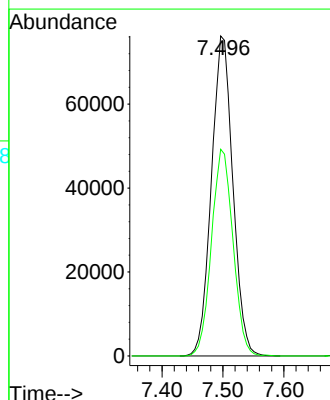
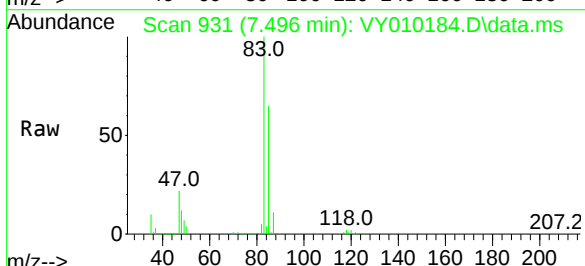
Acq: 23 Aug 2022 22:39

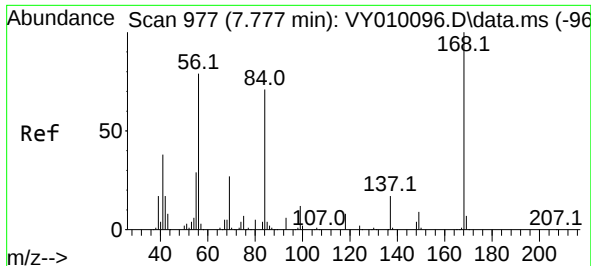
Tgt Ion: 83 Resp: 186364

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

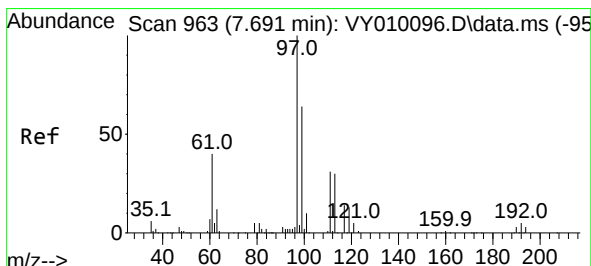
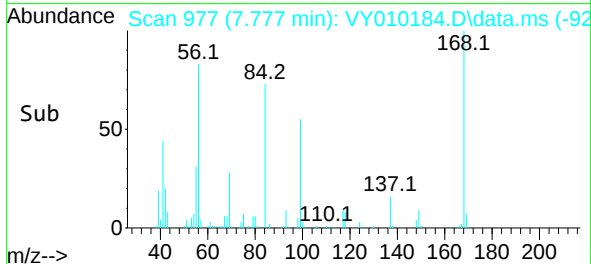
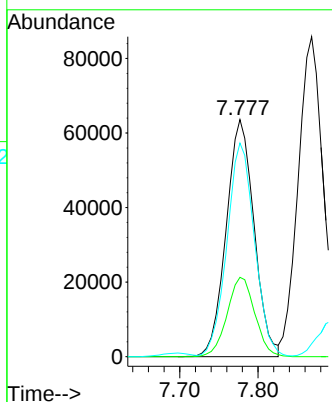
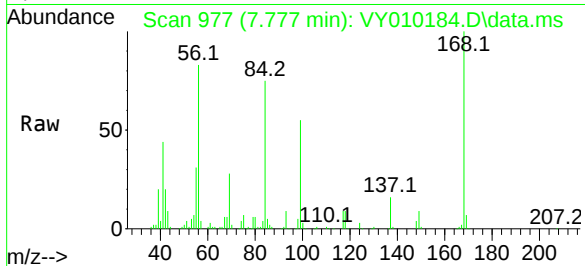




#31
Cyclohexane
Concen: 50.311 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

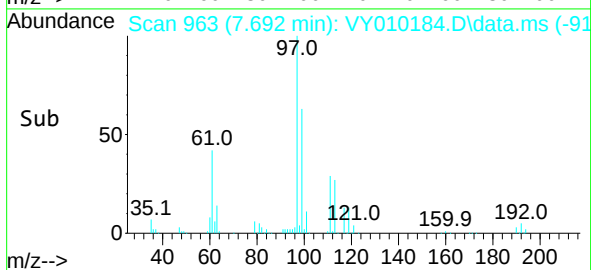
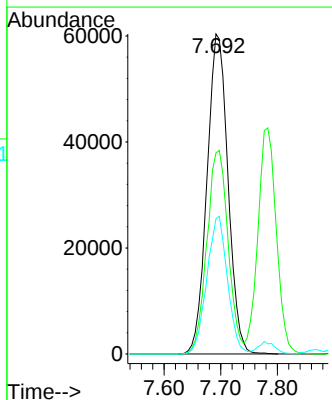
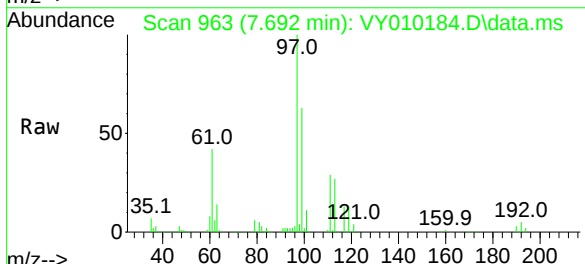
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

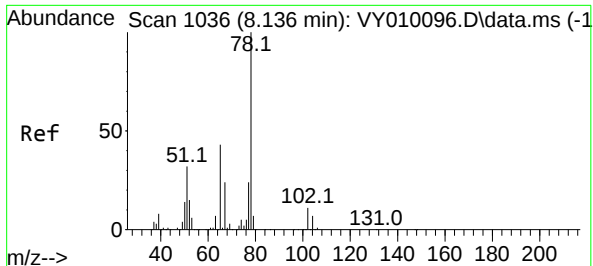
Tgt Ion: 56 Resp: 157291
Ion Ratio Lower Upper
56 100
69 33.4 27.3 40.9
84 88.5 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 53.035 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.001 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 97 Resp: 155454
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 42.3 31.8 47.8

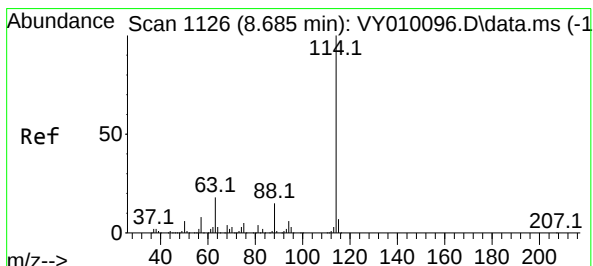
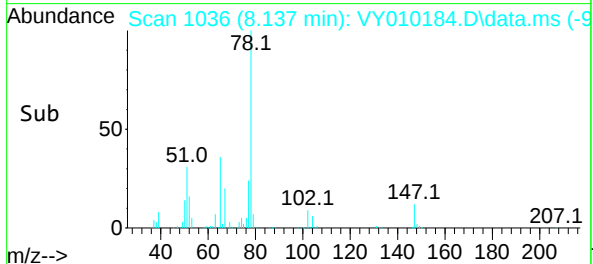
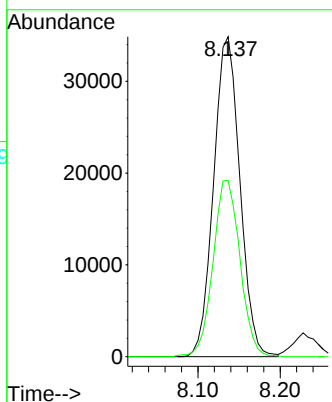
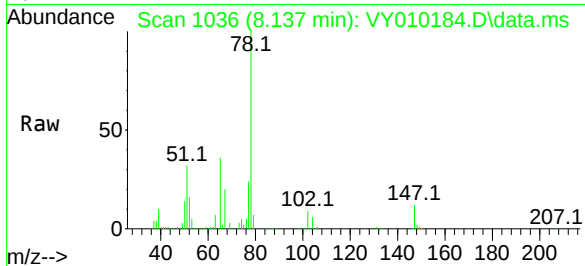




#33
 1,2-Dichloroethane-d4
 Concen: 50.737 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY010184.D
 Acq: 23 Aug 2022 22:39

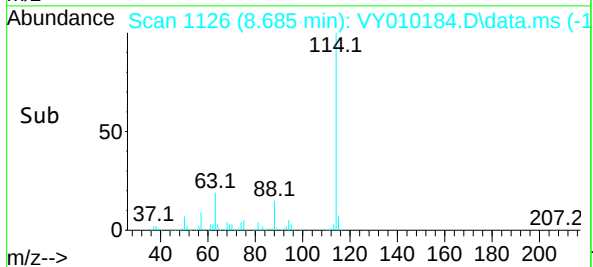
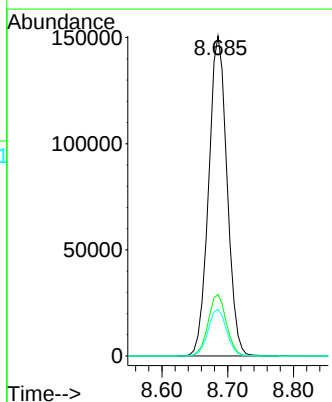
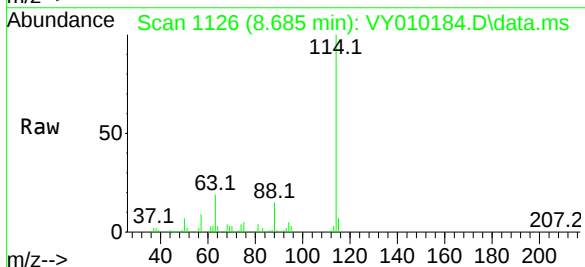
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

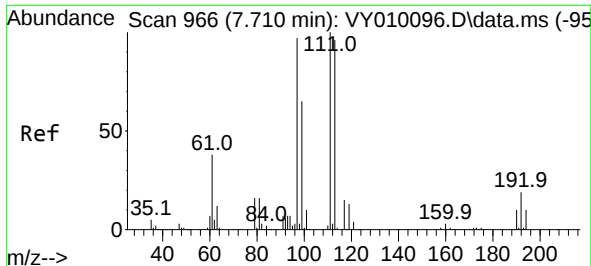
Tgt Ion: 65 Resp: 77421
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010184.D
 Acq: 23 Aug 2022 22:39

Tgt Ion: 114 Resp: 293021
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 35.6
 88 14.6 0.0 29.6

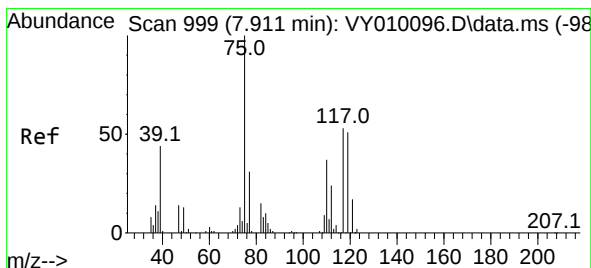
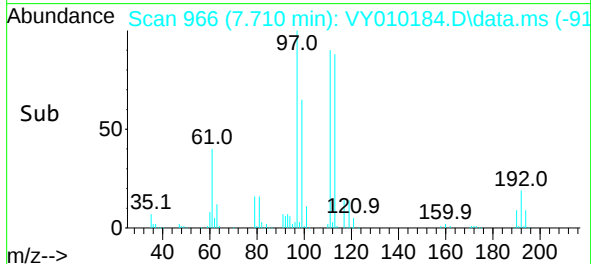
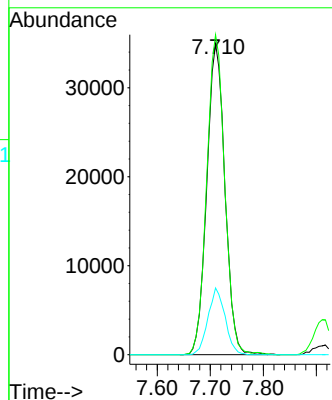
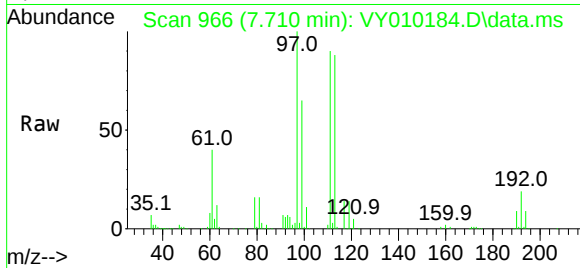




#35
Dibromofluoromethane
Concen: 50.255 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

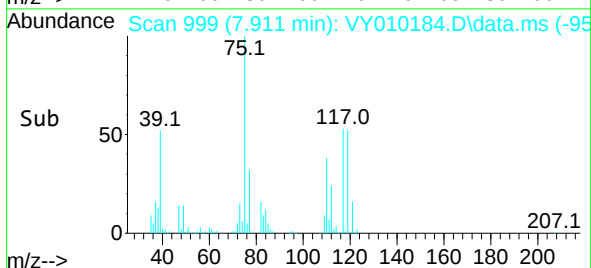
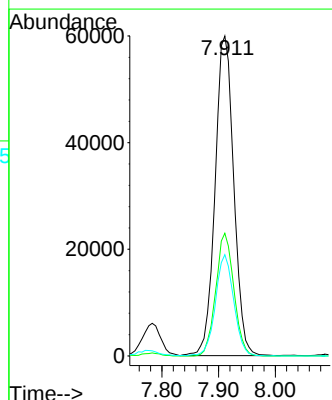
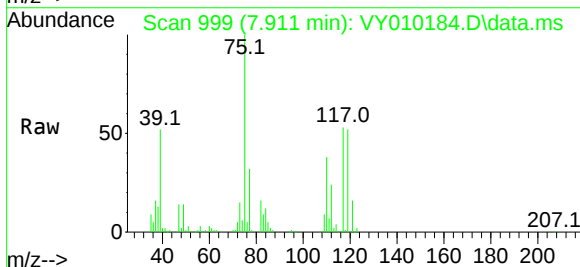
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

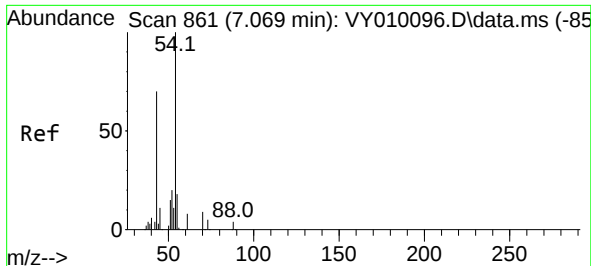
Tgt Ion:113 Resp: 82977
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 20.2 16.3 24.5



#36
1,1-Dichloropropene
Concen: 51.986 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 75 Resp: 137010
Ion Ratio Lower Upper
75 100
110 37.1 18.6 56.0
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 68.205 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.001 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

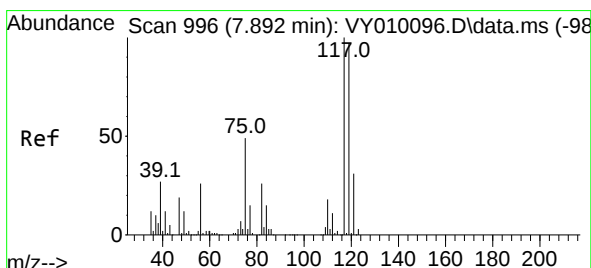
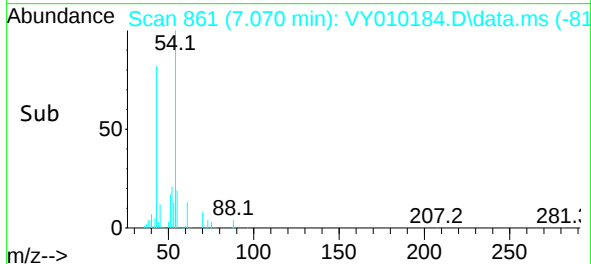
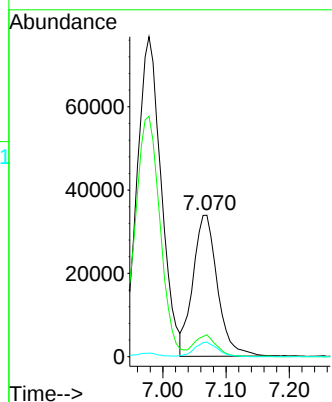
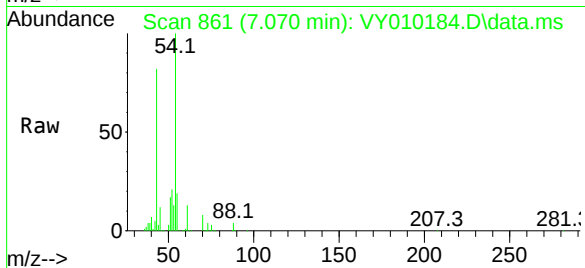
Tgt Ion: 43 Resp: 91260

Ion Ratio Lower Upper

43 100

61 14.3 11.7 17.5

70 9.8 9.0 13.4



#38

Carbon Tetrachloride

Concen: 51.113 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

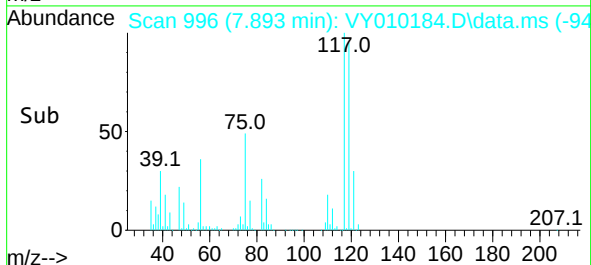
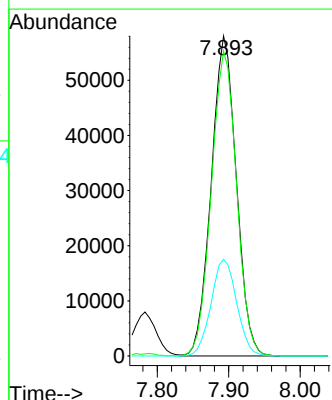
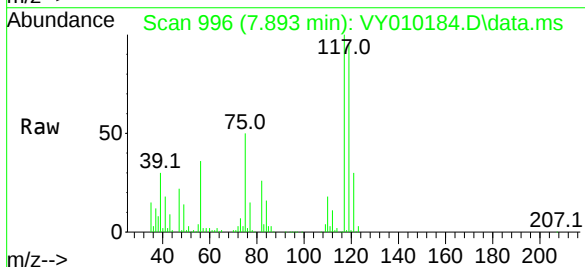
Tgt Ion: 117 Resp: 141277

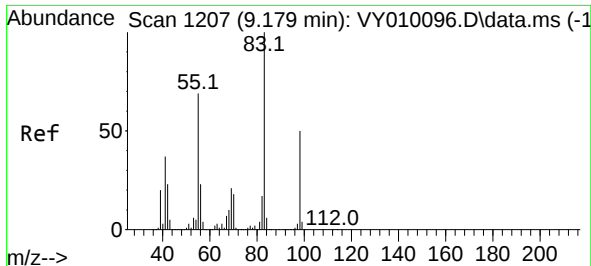
Ion Ratio Lower Upper

117 100

119 95.3 77.1 115.7

121 30.2 24.7 37.1





#39

Methylcyclohexane

Concen: 50.856 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

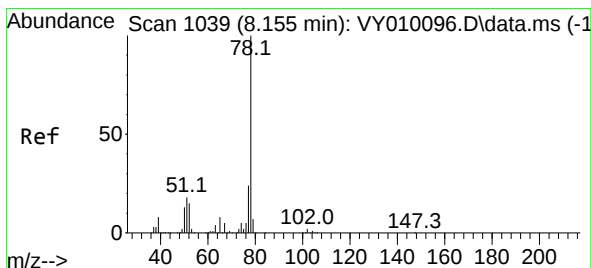
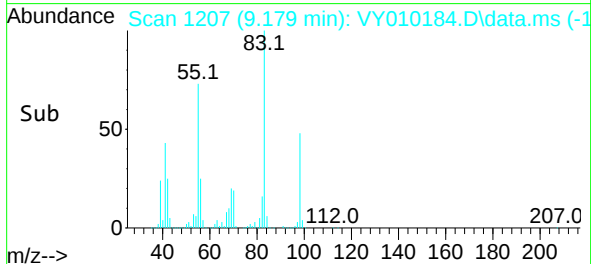
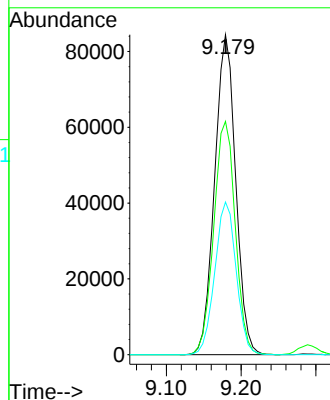
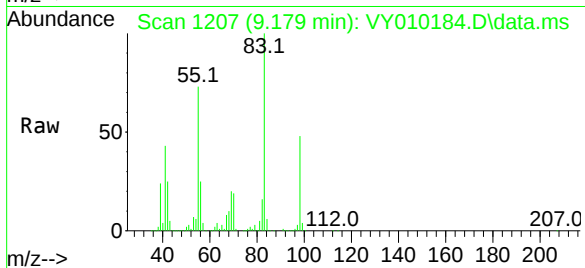
Tgt Ion: 83 Resp: 165279

Ion Ratio Lower Upper

83 100

55 72.9 55.6 83.4

98 47.7 39.8 59.8



#40

Benzene

Concen: 54.209 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010184.D

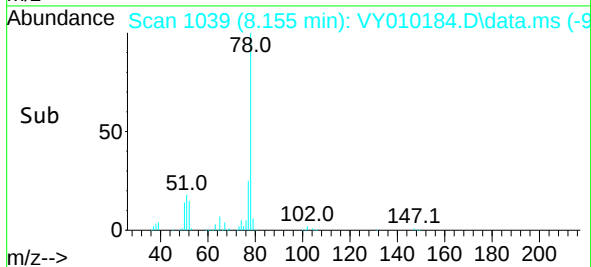
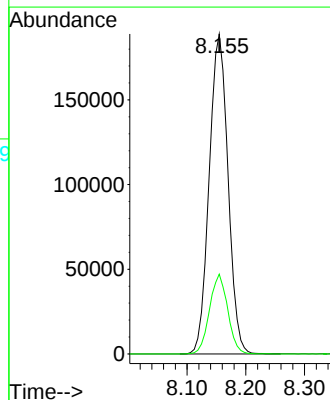
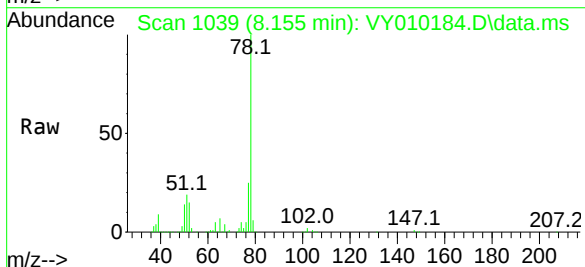
Acq: 23 Aug 2022 22:39

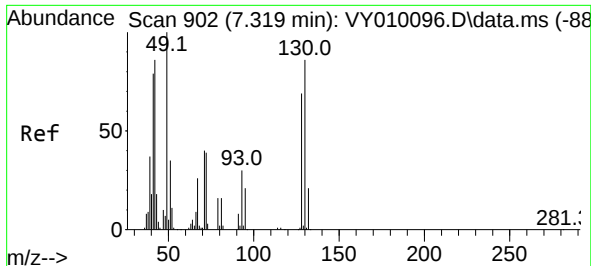
Tgt Ion: 78 Resp: 420233

Ion Ratio Lower Upper

78 100

77 24.9 19.5 29.3

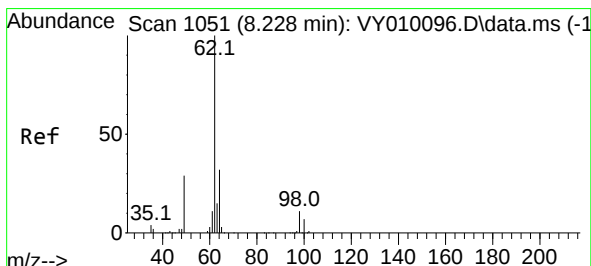
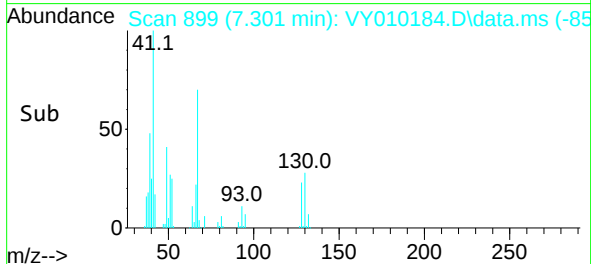
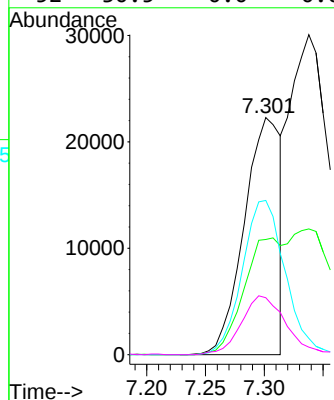
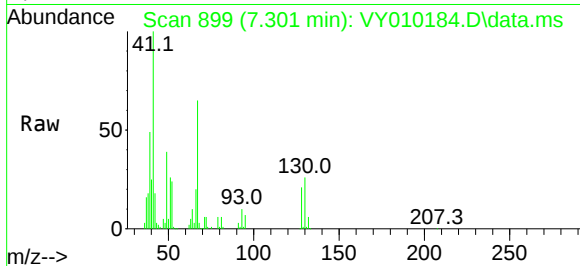




#41
Methacrylonitrile
Concen: 62.644 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.018 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

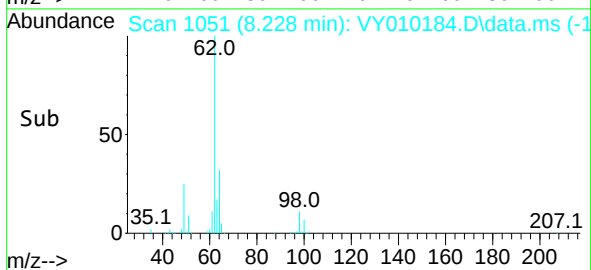
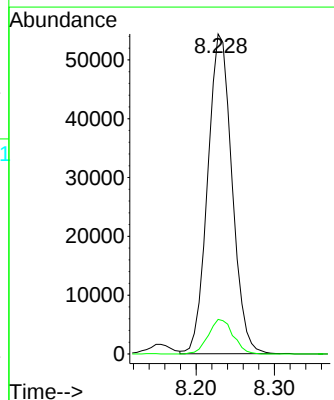
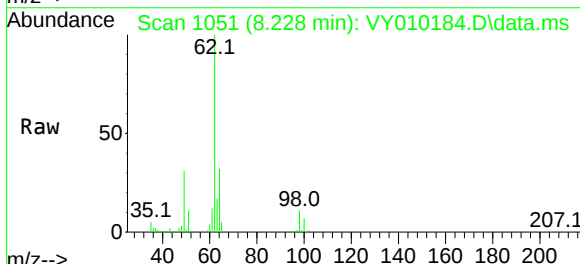
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

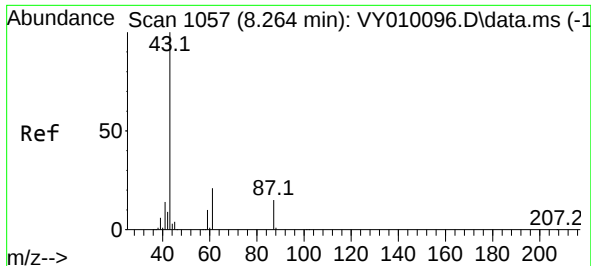
Tgt Ion:	41	Resp:	48049
Ion	Ratio	Lower	Upper
41	100		
39	50.3	0.0	0.0#
67	77.0	0.0	0.0#
52	30.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 58.986 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion:	62	Resp:	117275
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

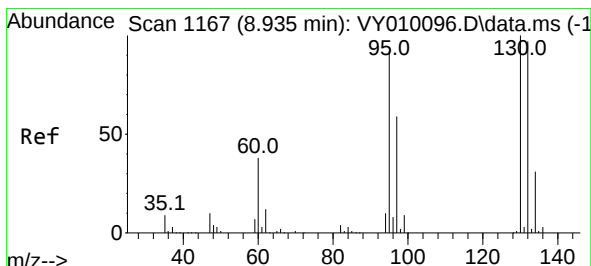
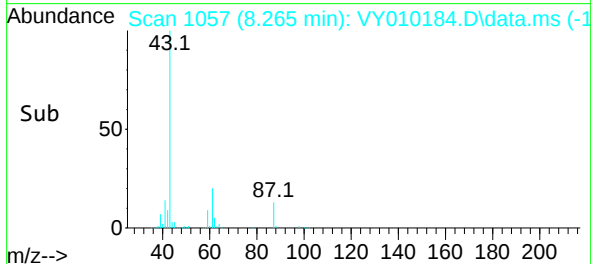
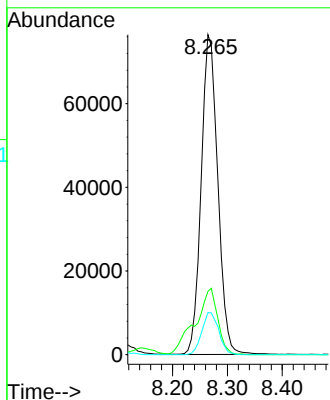
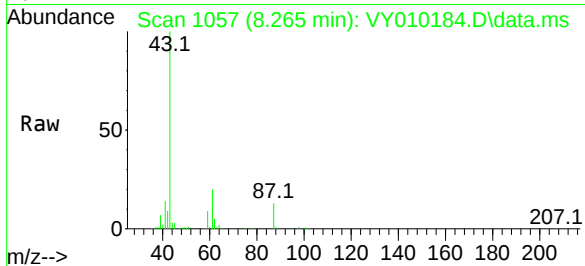




#43
Isopropyl Acetate
Concen: 66.466 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

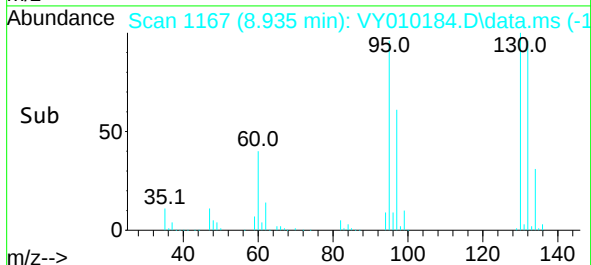
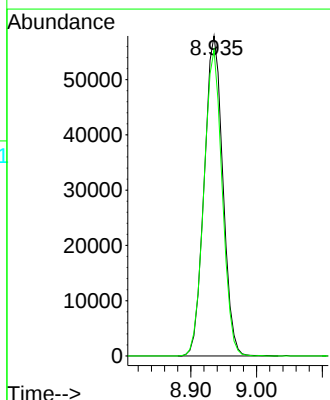
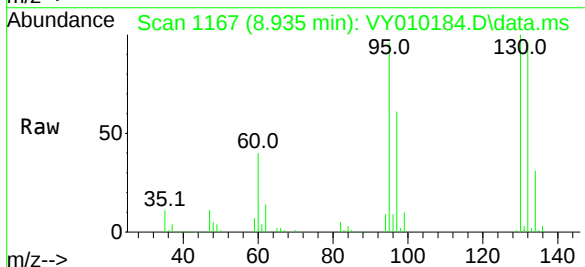
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

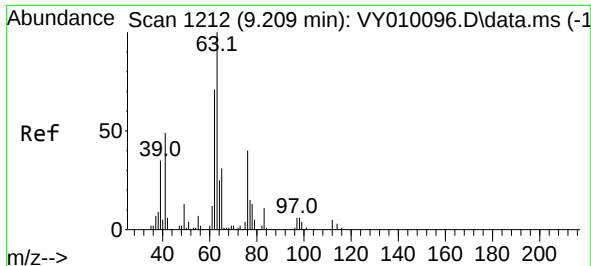
Tgt Ion: 43 Resp: 160553
Ion Ratio Lower Upper
43 100
61 28.3 25.0 37.4
87 13.4 11.9 17.9



#44
Trichloroethene
Concen: 51.245 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion:130 Resp: 113871
Ion Ratio Lower Upper
130 100
95 95.6 0.0 183.8





#45

1,2-Dichloropropane

Concen: 57.740 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

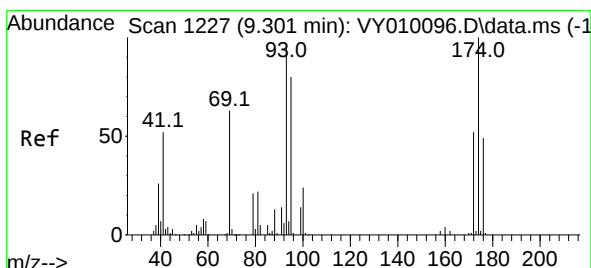
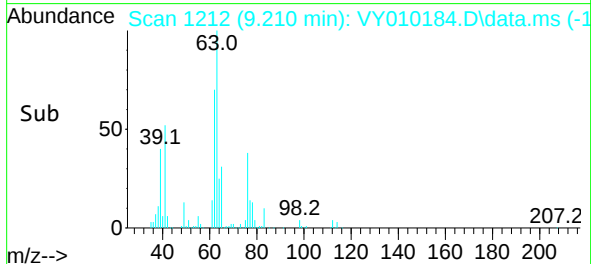
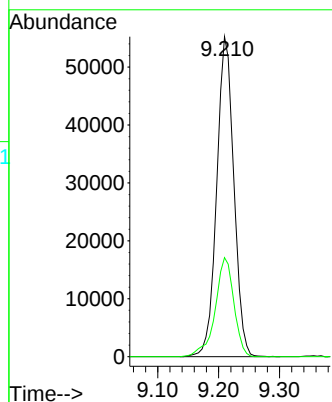
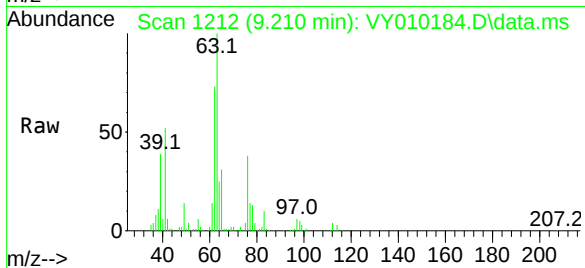
VSTDCCC050EC

Tgt Ion: 63 Resp: 107720

Ion Ratio Lower Upper

63 100

65 30.9 24.8 37.2



#46

Dibromomethane

Concen: 57.311 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

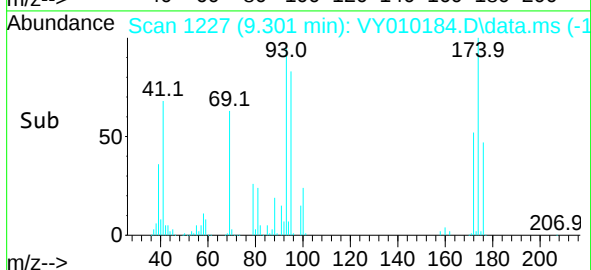
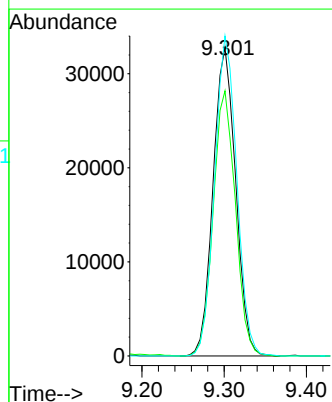
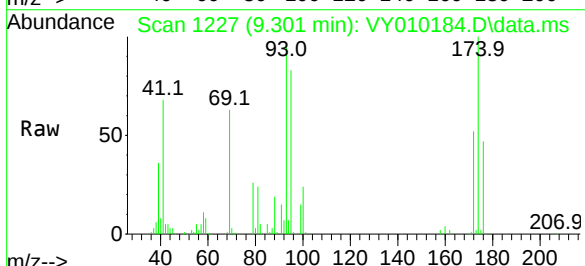
Tgt Ion: 93 Resp: 62554

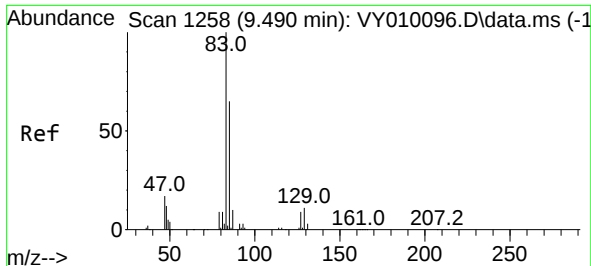
Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

174 102.2 84.3 126.5

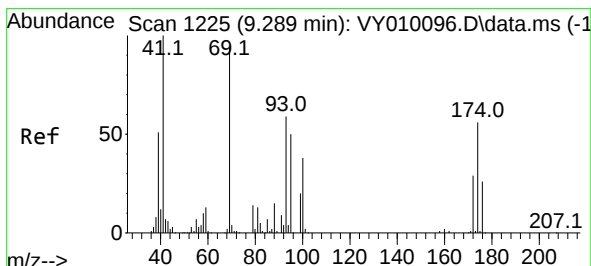
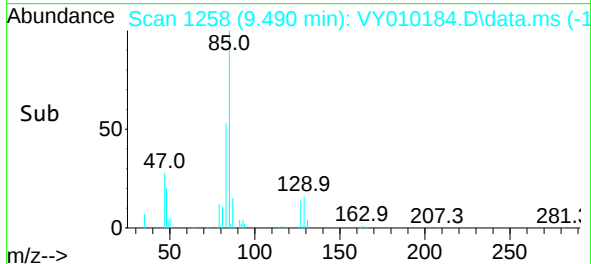
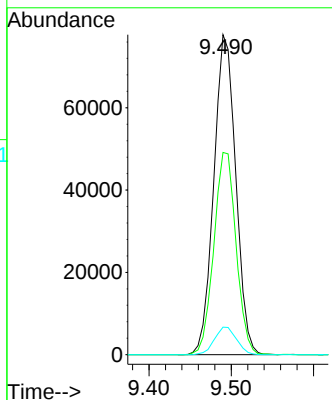
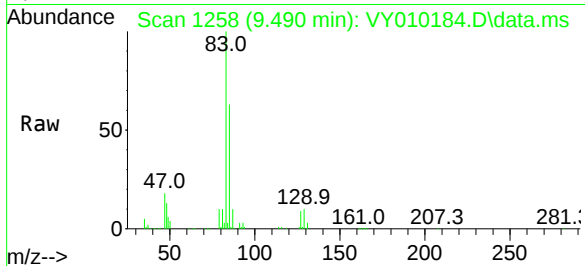




#47
Bromodichloromethane
Concen: 56.881 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

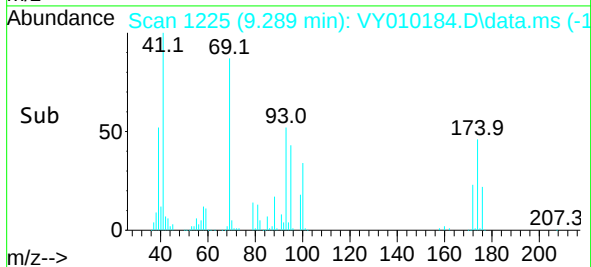
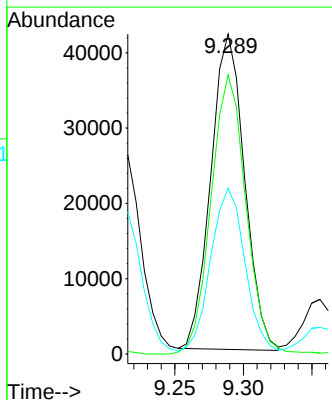
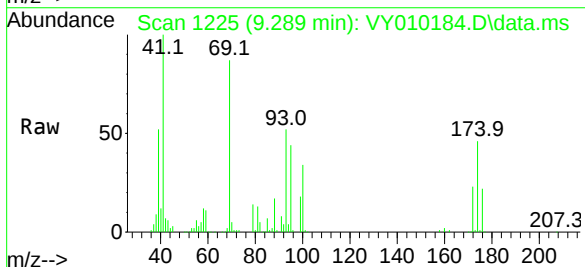
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

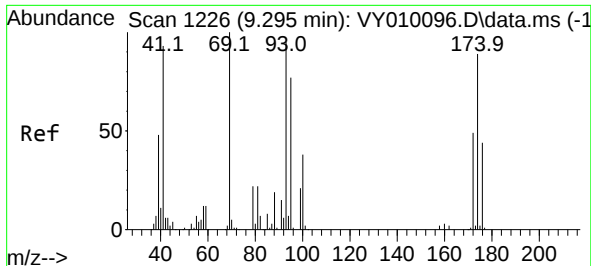
Tgt Ion: 83 Resp: 144490
Ion Ratio Lower Upper
83 100
85 63.2 52.0 78.0
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 66.427 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 41 Resp: 71793
Ion Ratio Lower Upper
41 100
69 91.7 75.1 112.7
39 52.0 39.4 59.2





#49

1,4-Dioxane

Concen: 1406.597 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

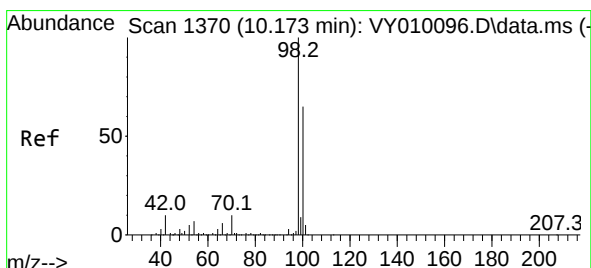
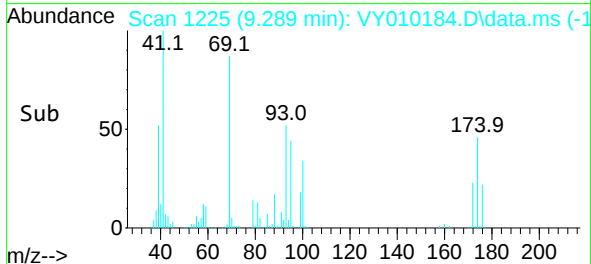
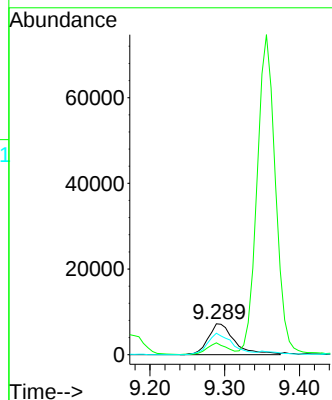
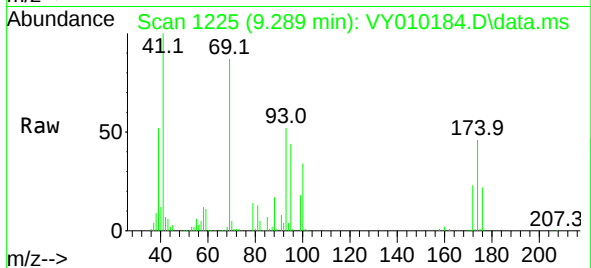
Tgt Ion: 88 Resp: 17782

Ion Ratio Lower Upper

88 100

43 27.6 23.0 34.4

58 65.1 49.0 73.4



#50

Toluene-d8

Concen: 44.559 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010184.D

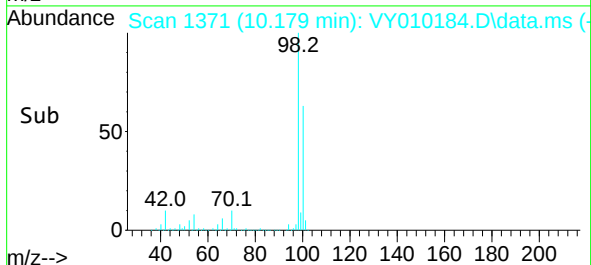
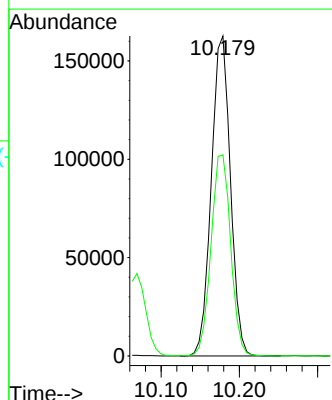
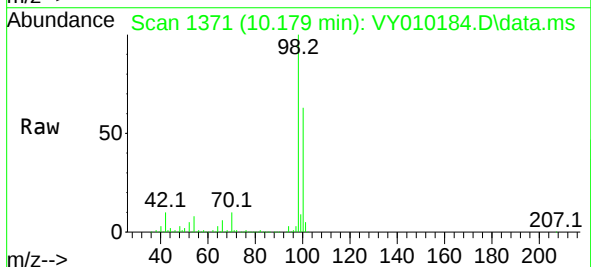
Acq: 23 Aug 2022 22:39

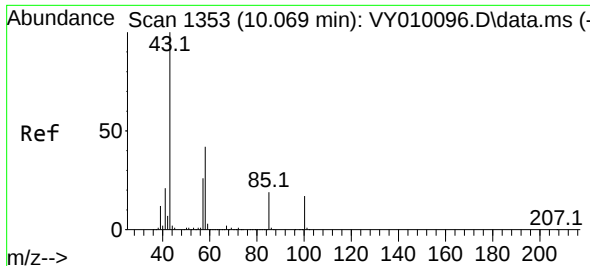
Tgt Ion: 98 Resp: 275683

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

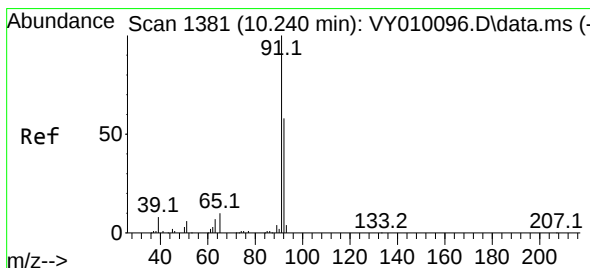
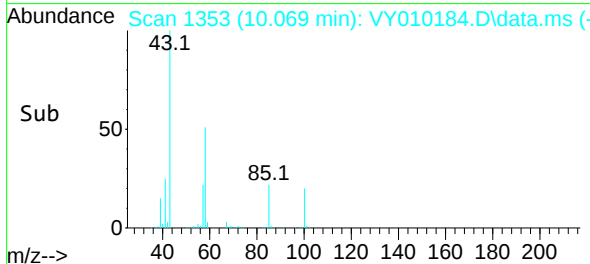
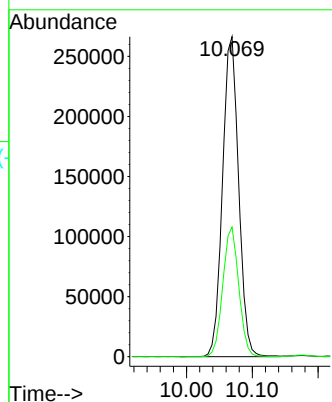
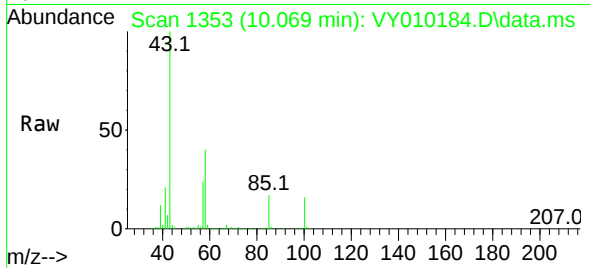




#51
4-Methyl-2-Pentanone
Concen: 347.154 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

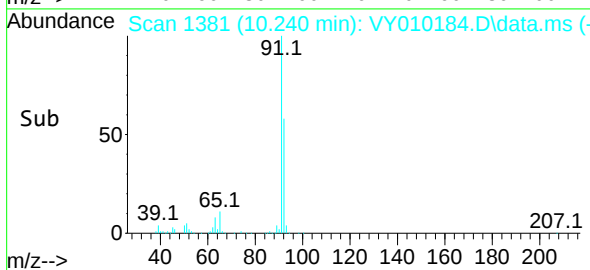
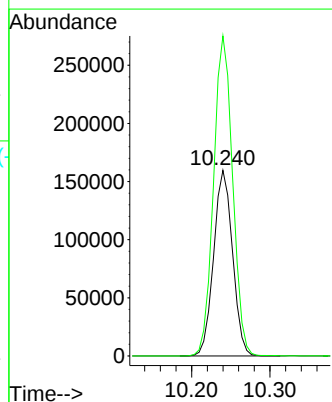
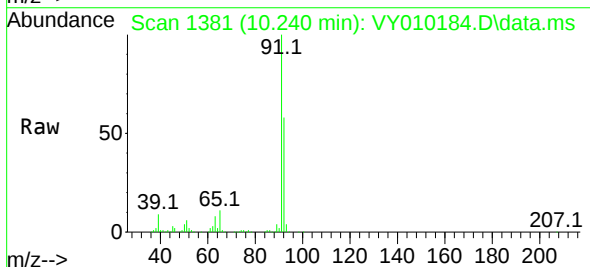
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

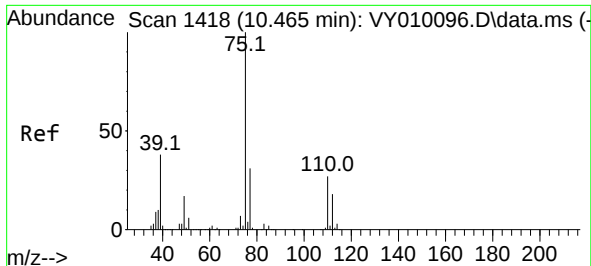
Tgt Ion: 43 Resp: 453698
Ion Ratio Lower Upper
43 100
58 40.2 33.3 49.9



#52
Toluene
Concen: 54.418 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 92 Resp: 267461
Ion Ratio Lower Upper
92 100
91 174.1 139.8 209.6

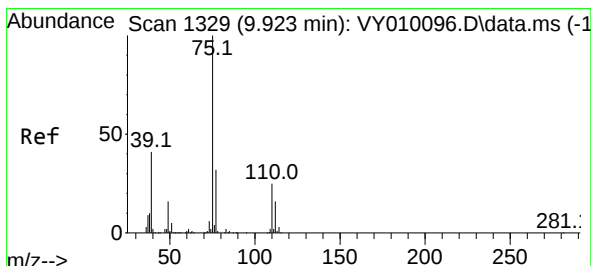
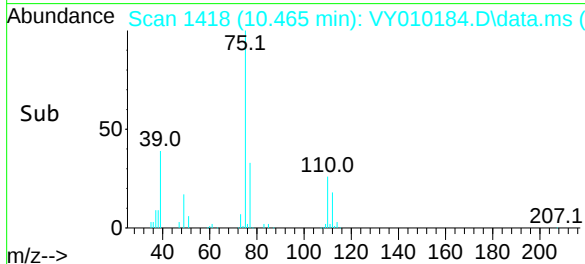
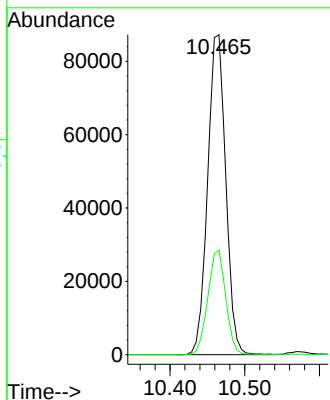
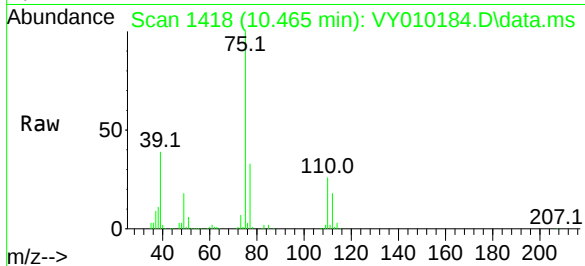




#53
t-1,3-Dichloropropene
Concen: 56.592 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

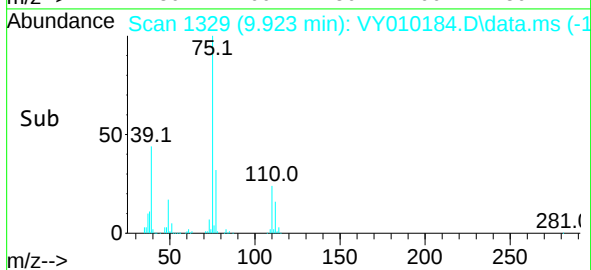
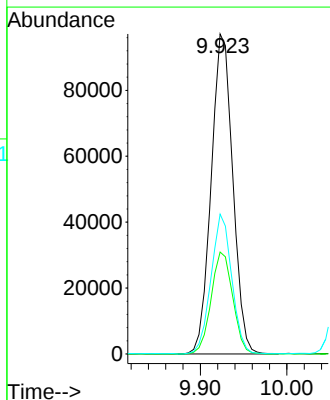
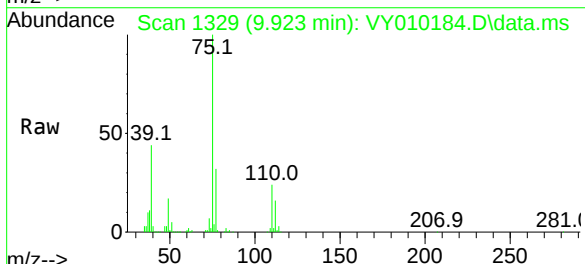
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

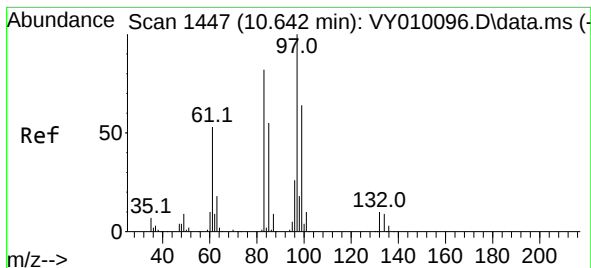
Tgt Ion: 75 Resp: 146920
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 55.545 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 75 Resp: 168209
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 43.7 32.6 48.8





#55

1,1,2-Trichloroethane

Concen: 57.490 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 90364

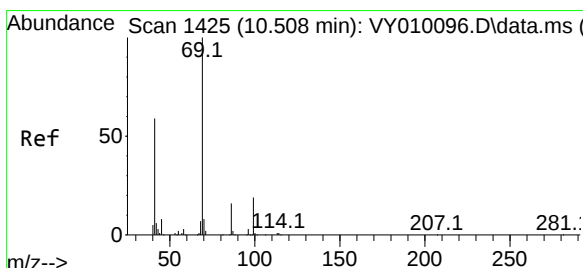
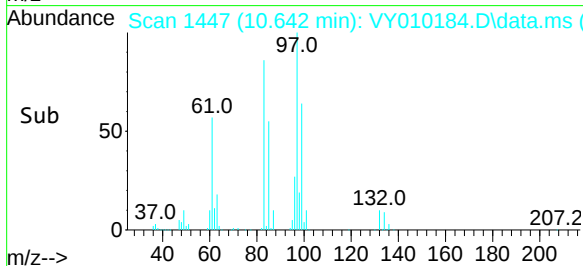
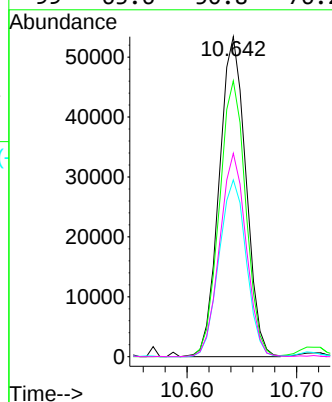
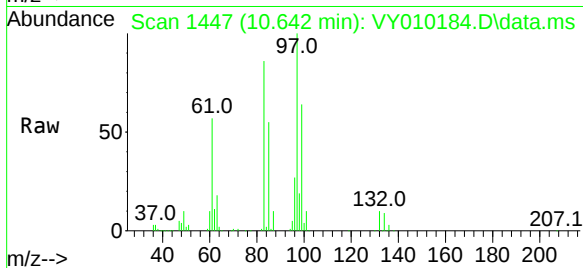
Ion Ratio Lower Upper

97 100

83 86.2 65.4 98.0

85 55.3 44.0 66.0

99 63.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 62.212 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

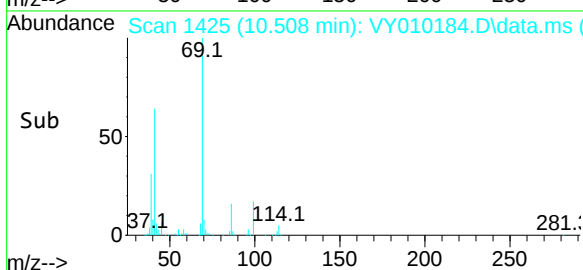
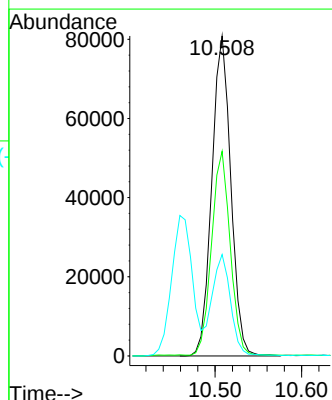
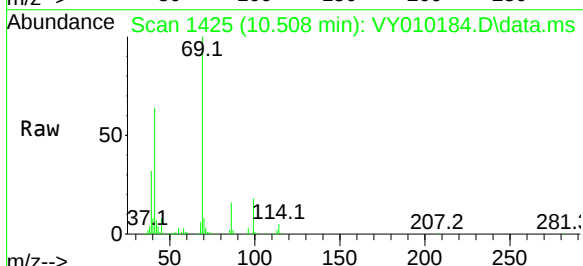
Tgt Ion: 69 Resp: 123326

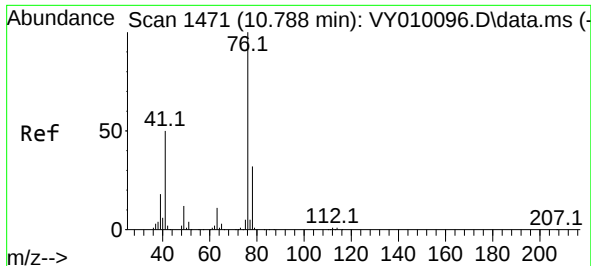
Ion Ratio Lower Upper

69 100

41 62.3 47.3 70.9

39 31.2 23.1 34.7





#57

1,3-Dichloropropane

Concen: 59.181 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

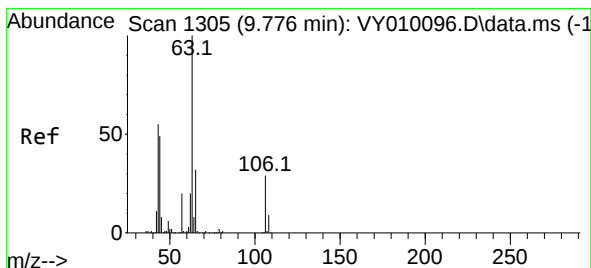
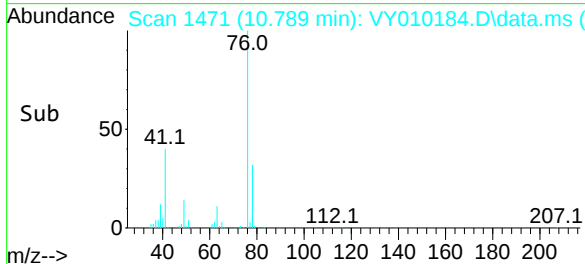
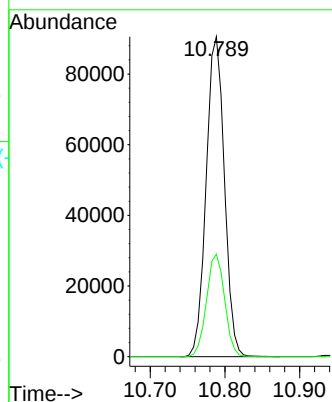
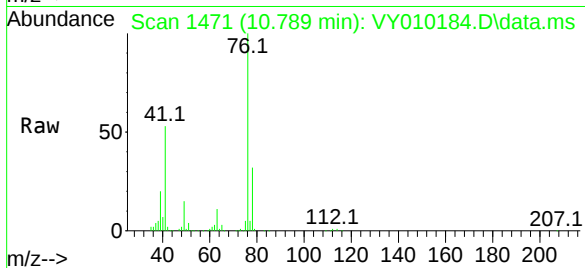
VSTDCCC050EC

Tgt Ion: 76 Resp: 153344

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 264.520 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.001 min

Lab File: VY010184.D

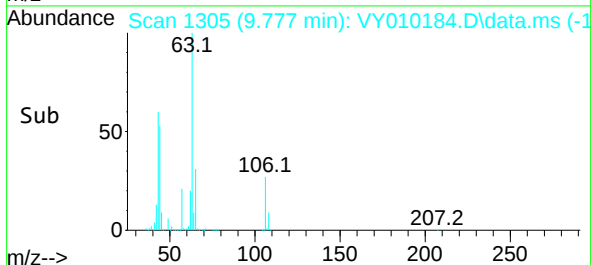
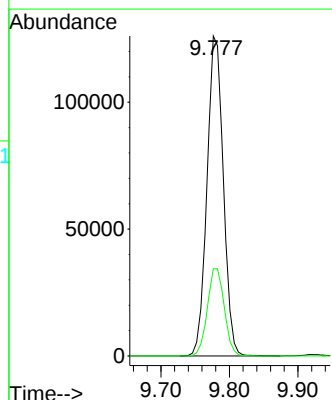
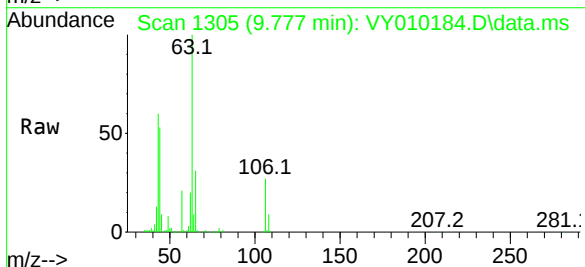
Acq: 23 Aug 2022 22:39

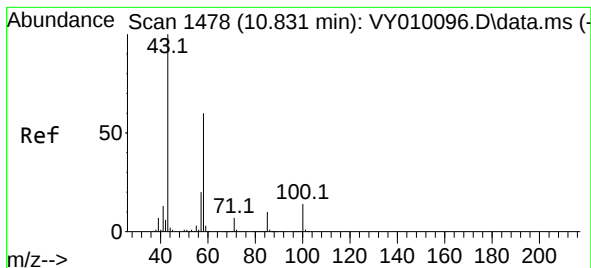
Tgt Ion: 63 Resp: 209160

Ion Ratio Lower Upper

63 100

106 28.3 23.8 35.8

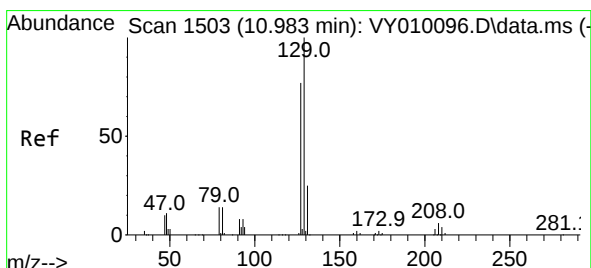
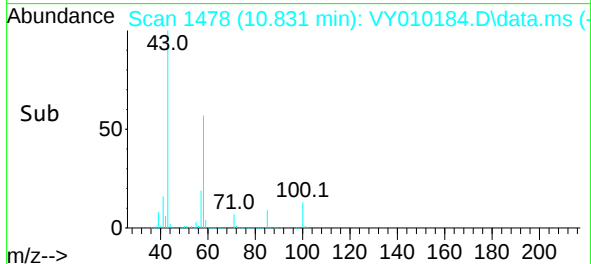
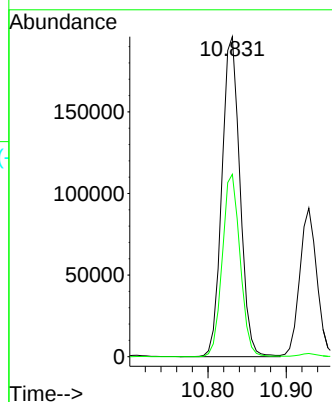
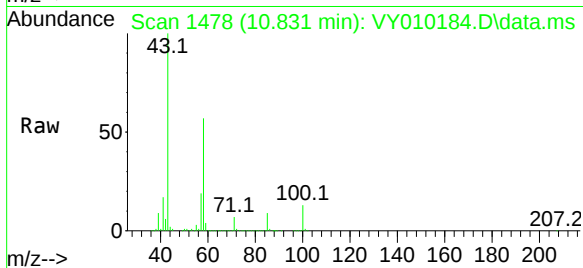




#59
2-Hexanone
Concen: 350.777 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

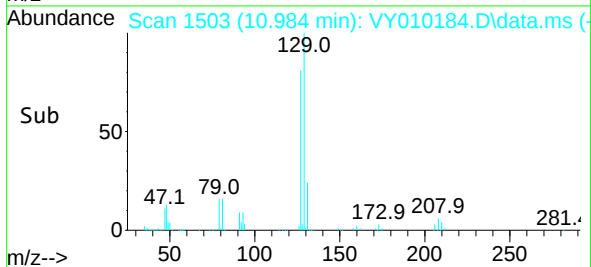
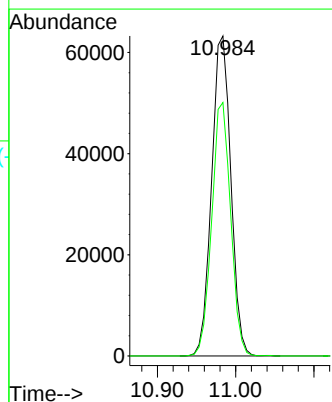
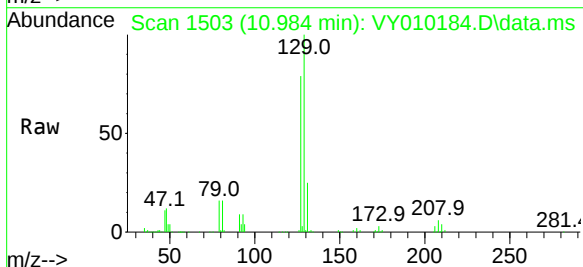
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

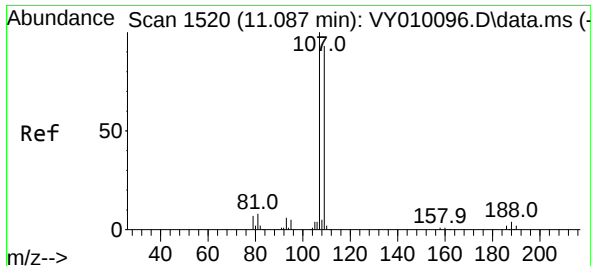
Tgt Ion: 43 Resp: 314340
Ion Ratio Lower Upper
43 100
58 56.3 29.3 88.0



#60
Dibromochloromethane
Concen: 56.336 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 129 Resp: 107919
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8

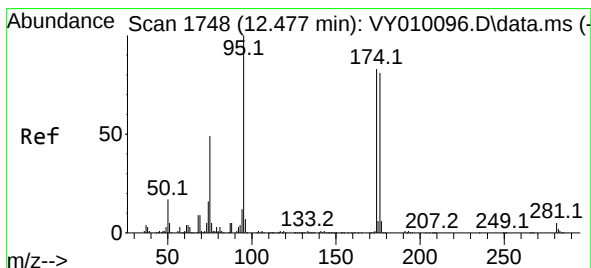
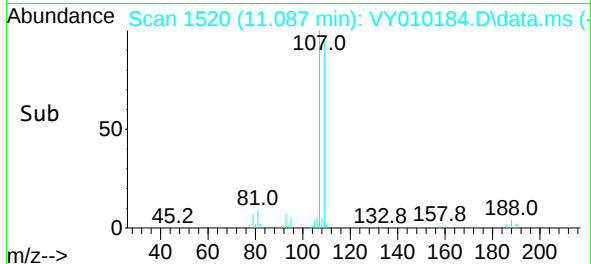
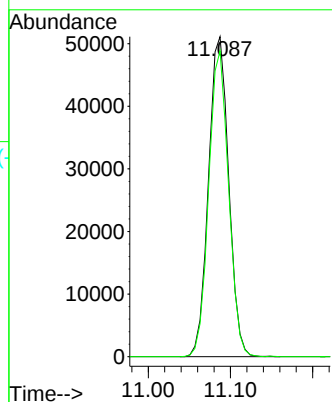
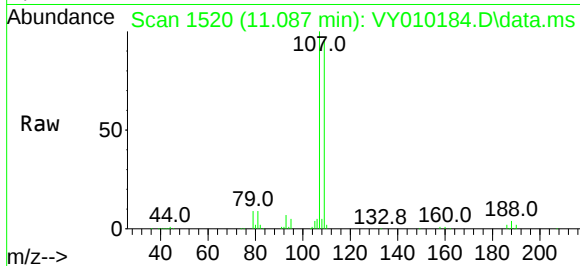




#61
1,2-Dibromoethane
Concen: 57.017 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

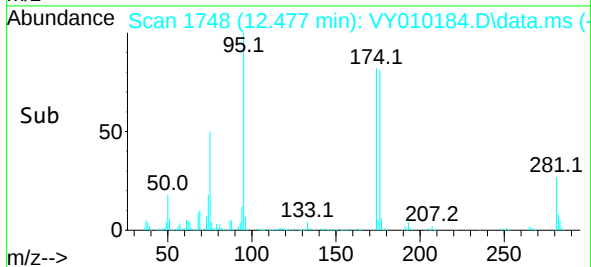
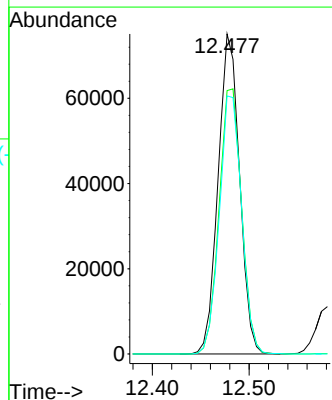
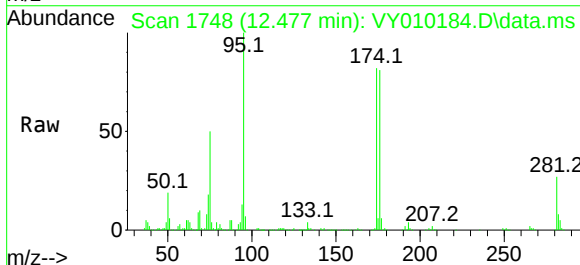
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

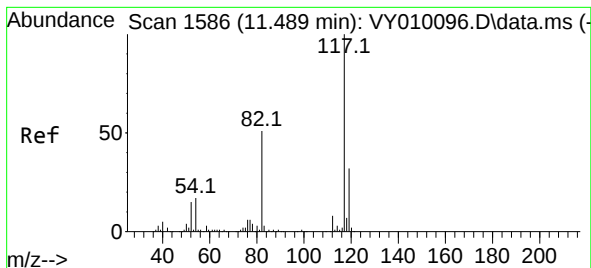
Tgt Ion:107 Resp: 87222
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.231 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 95 Resp: 115459
Ion Ratio Lower Upper
95 100
174 86.7 0.0 173.8
176 84.0 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

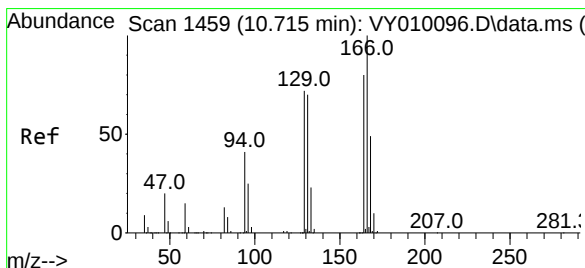
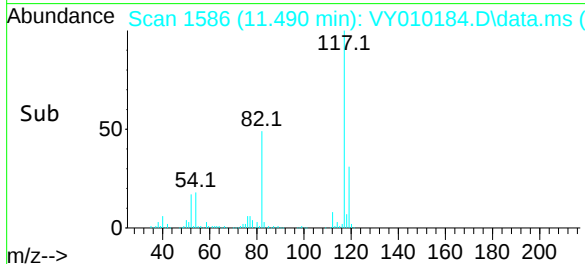
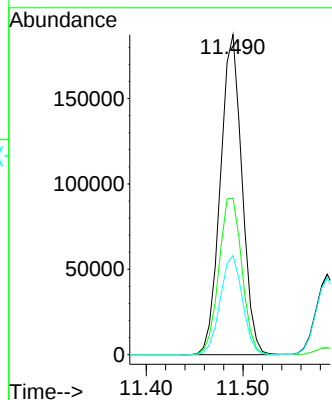
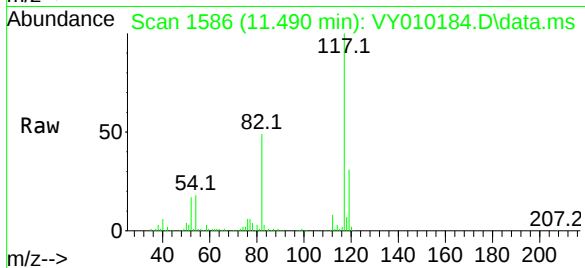
Tgt Ion:117 Resp: 290505

Ion Ratio Lower Upper

117 100

82 48.9 40.6 61.0

119 31.0 25.8 38.8



#64

Tetrachloroethene

Concen: 48.107 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Tgt Ion:164 Resp: 112805

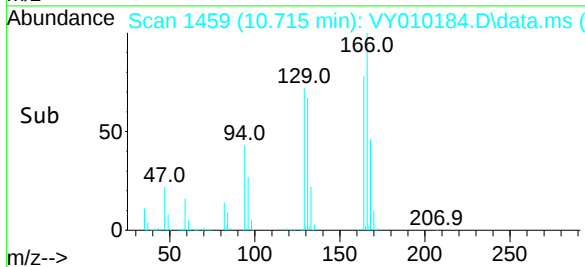
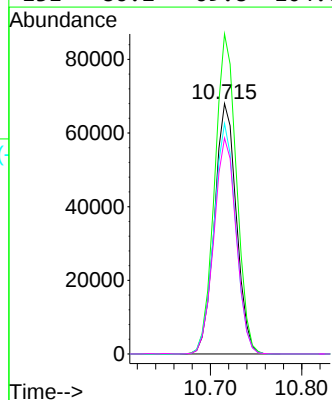
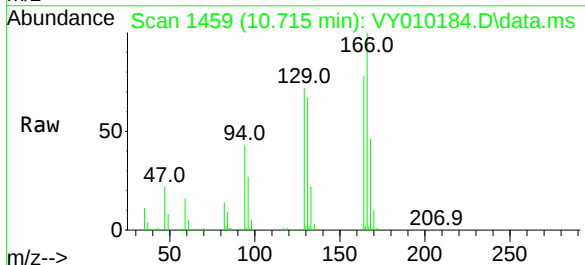
Ion Ratio Lower Upper

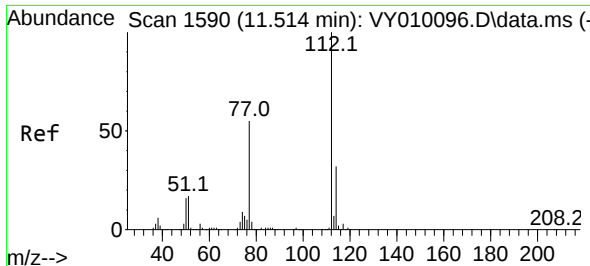
164 100

166 127.8 100.3 150.5

129 92.0 71.8 107.6

131 86.2 69.8 104.6

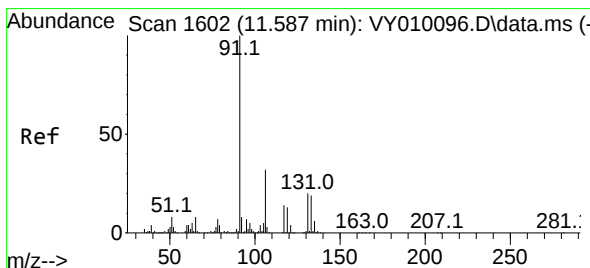
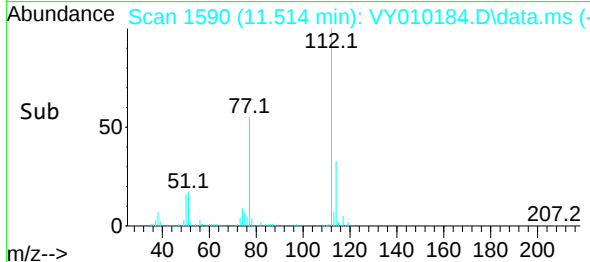
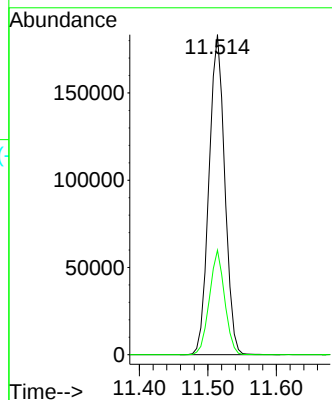
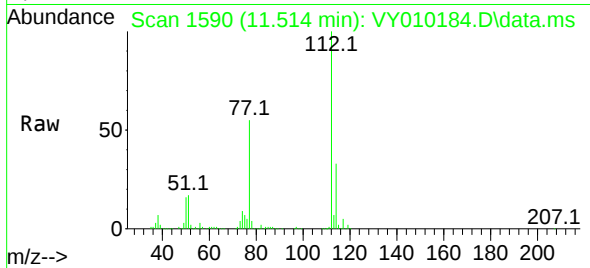




#65
Chlorobenzene
Concen: 50.297 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

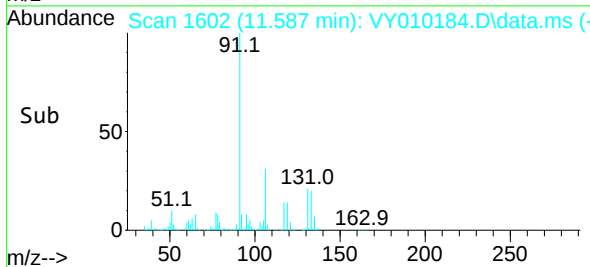
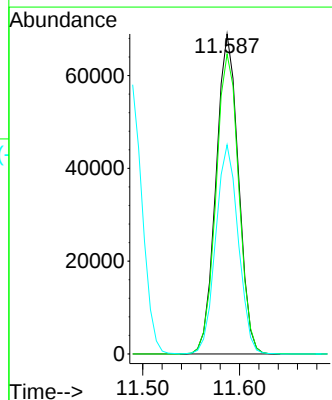
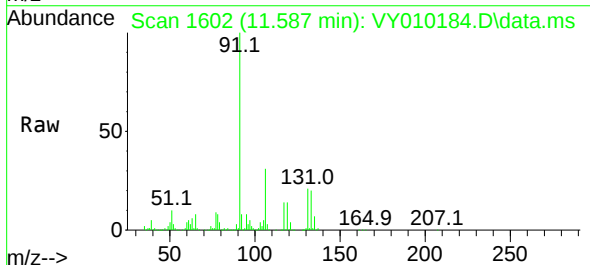
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

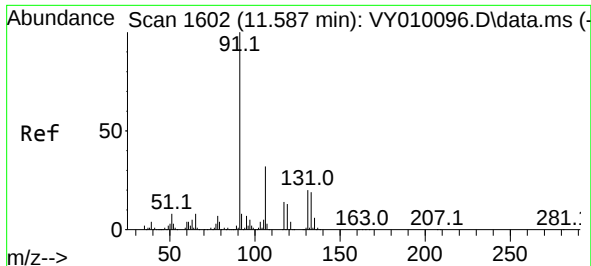
Tgt Ion:112 Resp: 293876
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.395 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion:131 Resp: 111001
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 65.9 33.0 98.9





#67

Ethyl Benzene

Concen: 50.859 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

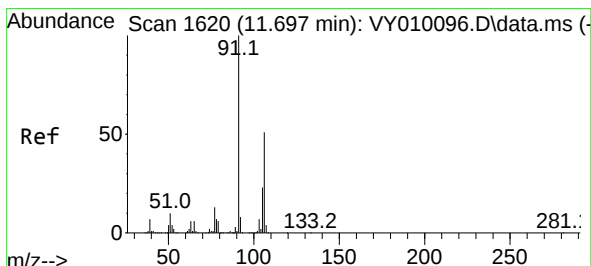
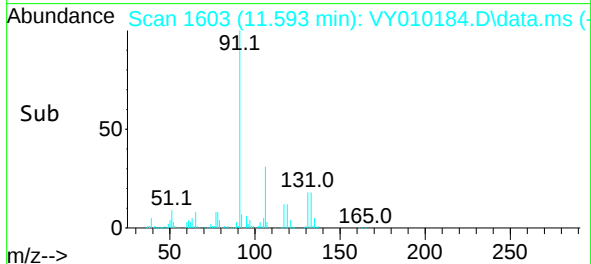
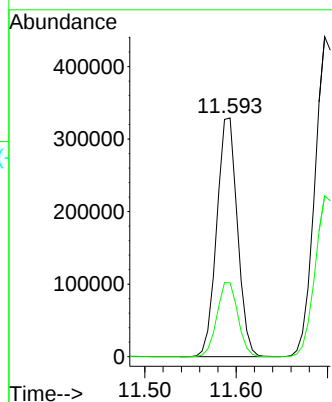
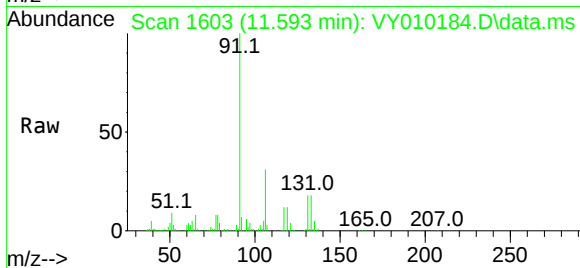
VSTDCCC050EC

Tgt Ion: 91 Resp: 517813

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.0



#68

m/p-Xylenes

Concen: 101.767 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY010184.D

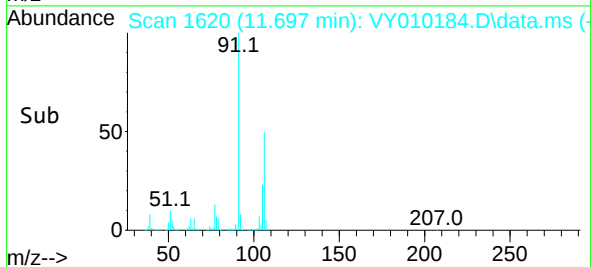
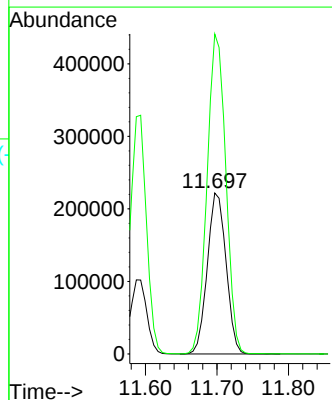
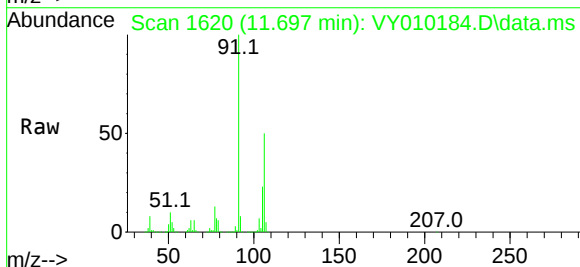
Acq: 23 Aug 2022 22:39

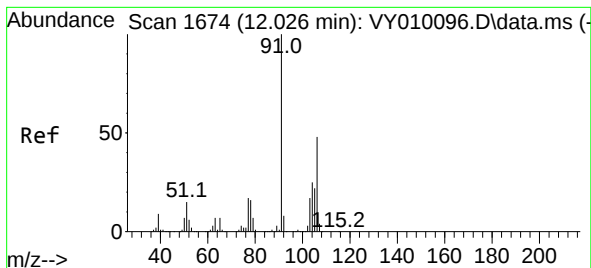
Tgt Ion: 106 Resp: 404076

Ion Ratio Lower Upper

106 100

91 198.6 157.8 236.8





#69

o-Xylene

Concen: 51.238 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

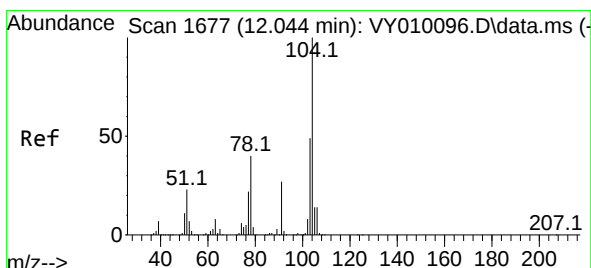
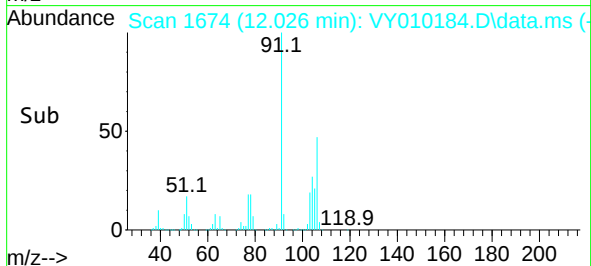
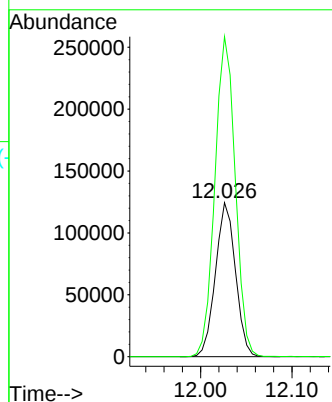
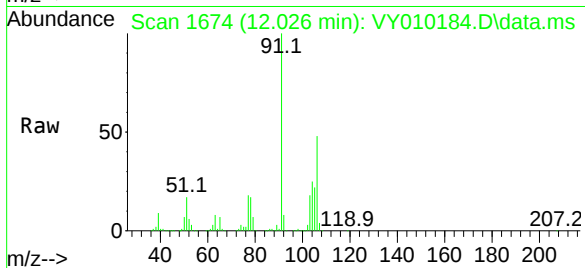
VSTDCCC050EC

Tgt Ion:106 Resp: 189429

Ion Ratio Lower Upper

106 100

91 211.4 104.6 313.7



#70

Styrene

Concen: 52.949 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

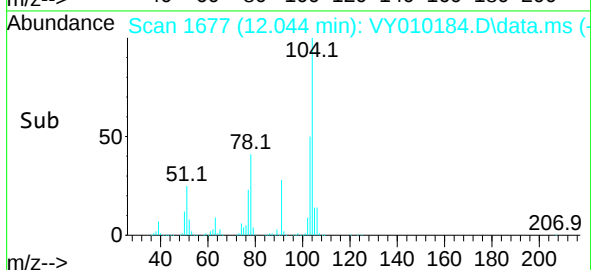
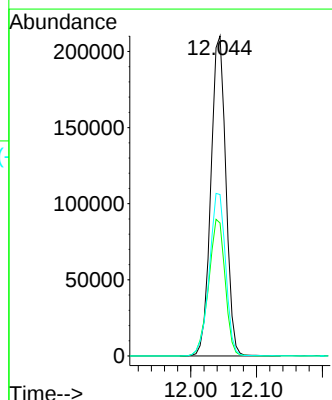
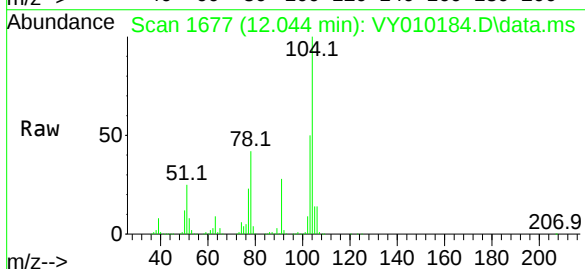
Tgt Ion:104 Resp: 334047

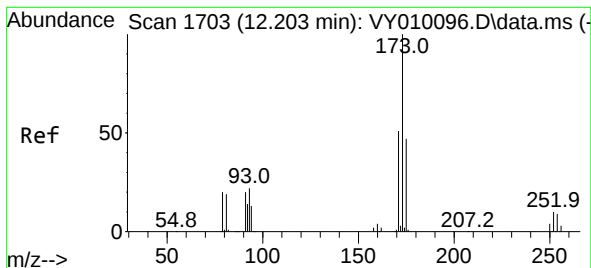
Ion Ratio Lower Upper

104 100

78 46.9 36.6 55.0

103 55.3 43.7 65.5





#71

Bromoform

Concen: 54.202 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

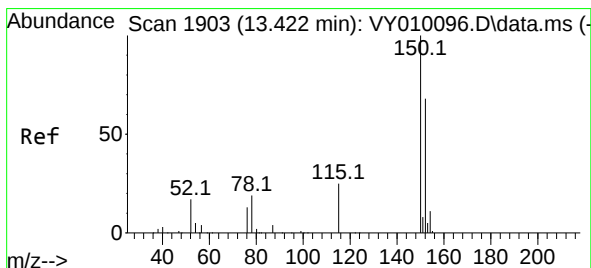
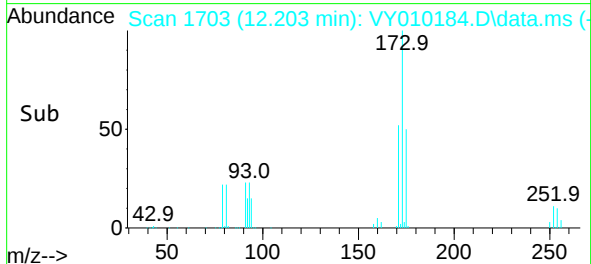
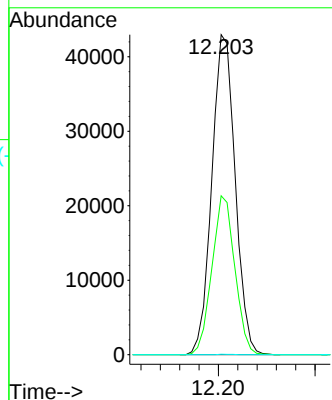
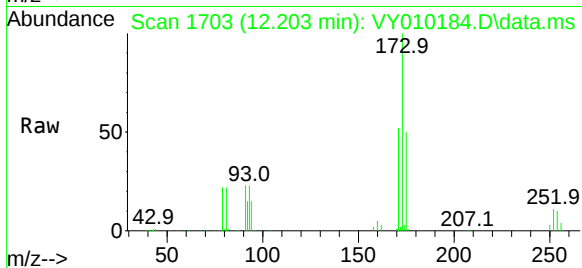
Tgt Ion:173 Resp: 72062

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

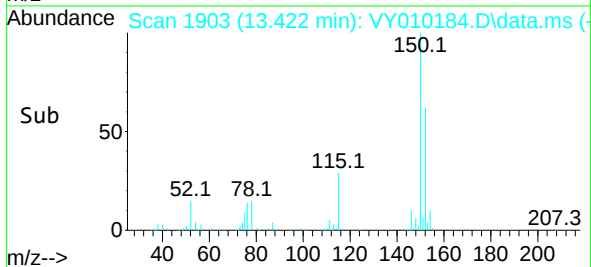
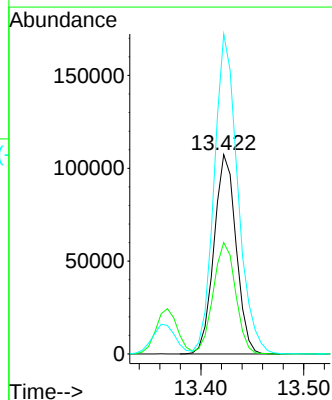
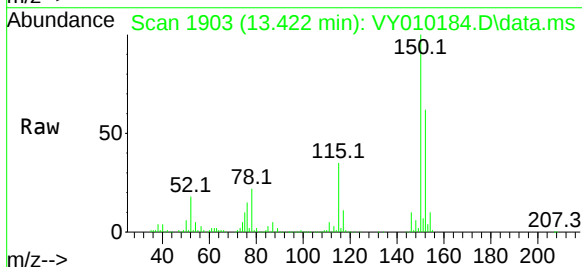
Tgt Ion:152 Resp: 159846

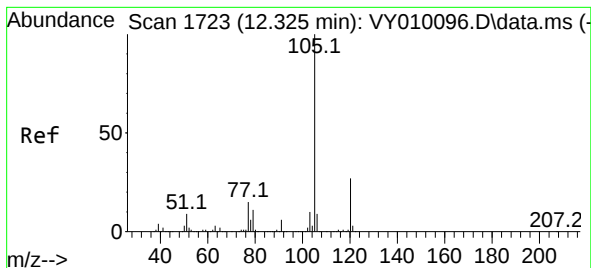
Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

150 171.8 0.0 346.2





#73

Isopropylbenzene

Concen: 47.013 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

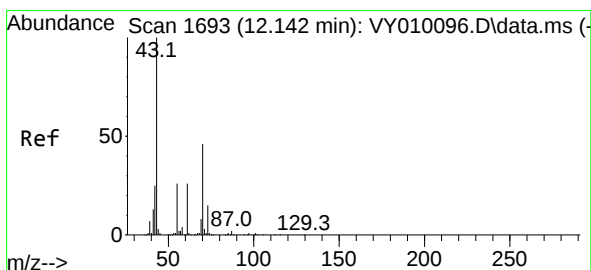
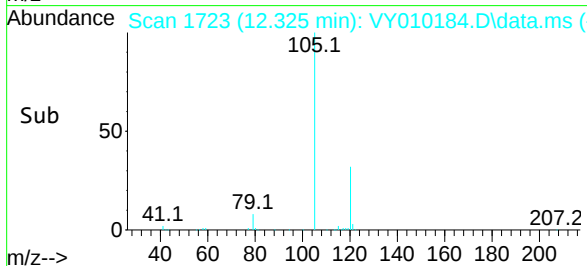
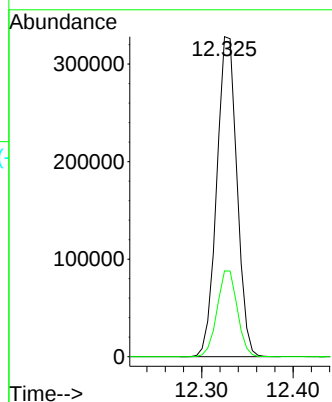
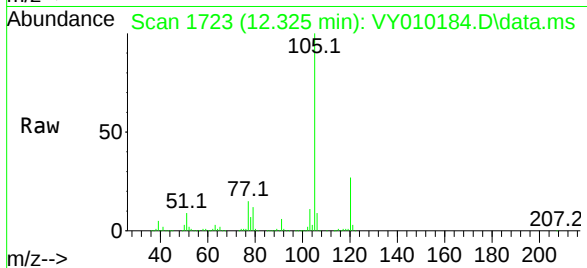
VSTDCCC050EC

Tgt Ion:105 Resp: 505553

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 54.643 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Tgt Ion: 43 Resp: 141647

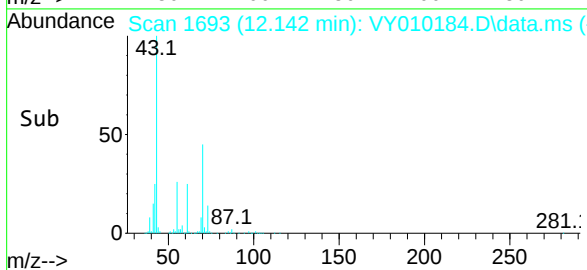
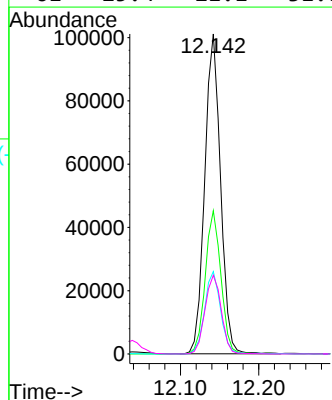
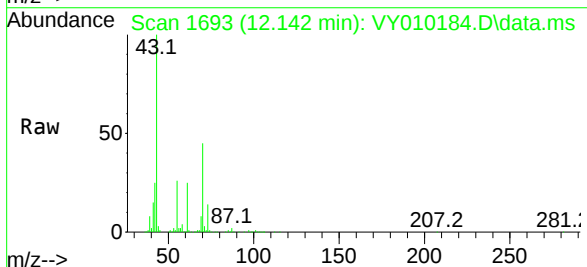
Ion Ratio Lower Upper

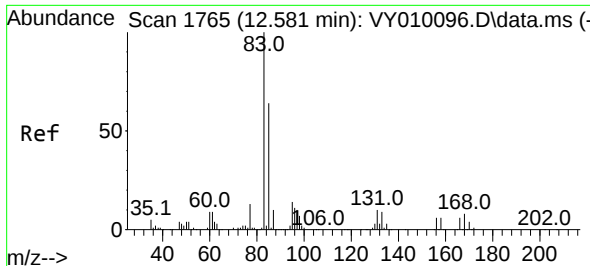
43 100

70 44.4 37.1 55.7

55 26.3 21.0 31.6

61 25.4 21.1 31.7

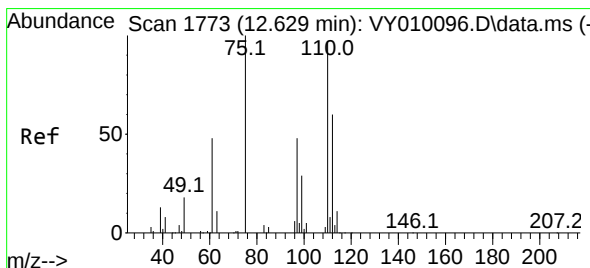
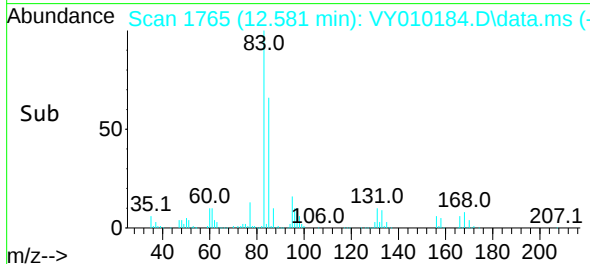
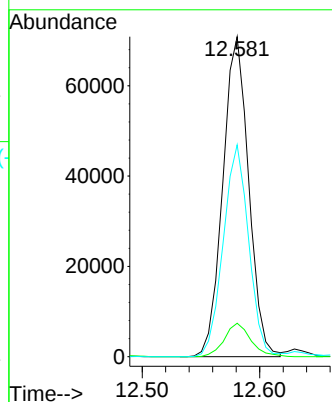
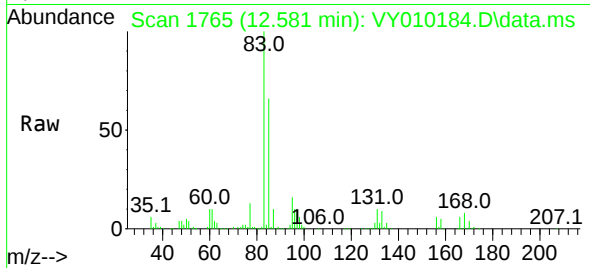




#75
1,1,2,2-Tetrachloroethane
Concen: 50.418 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

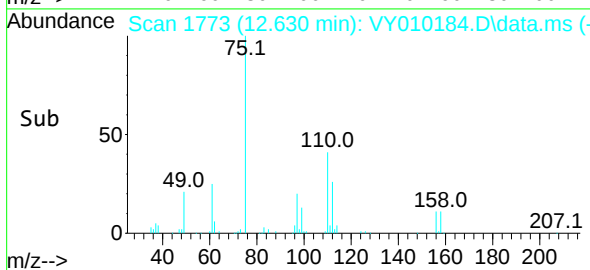
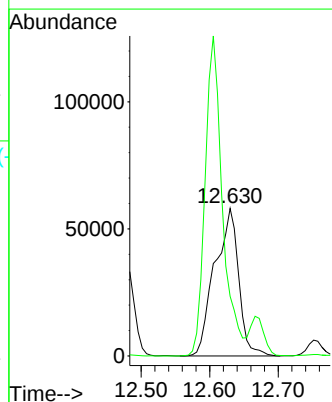
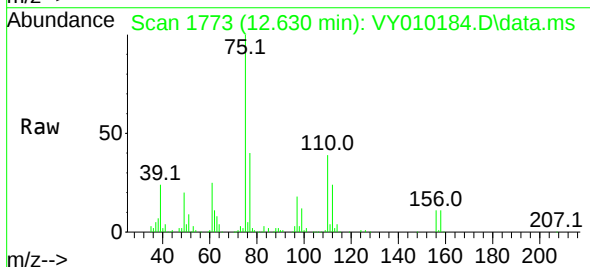
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

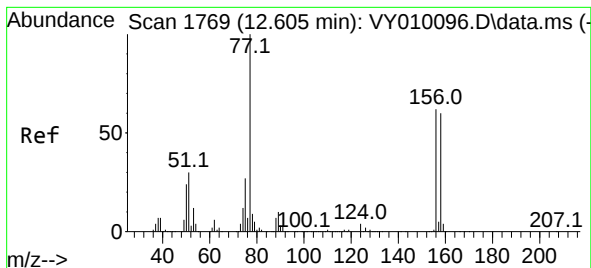
Tgt Ion: 83 Resp: 108451
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 65.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 94.003 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 75 Resp: 140723
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.909 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

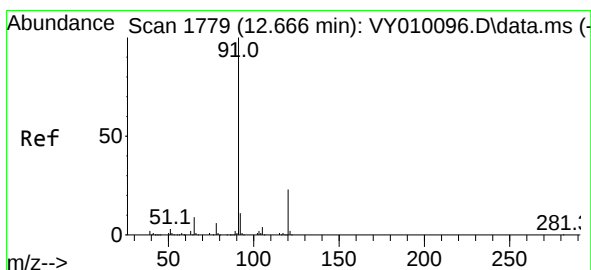
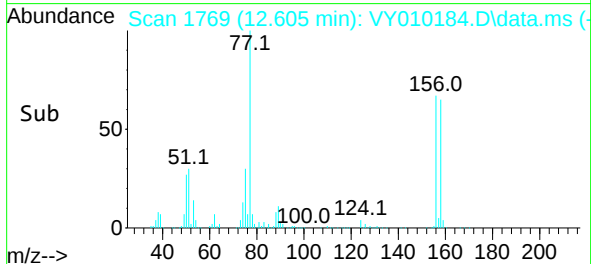
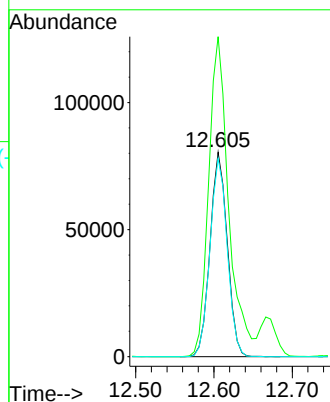
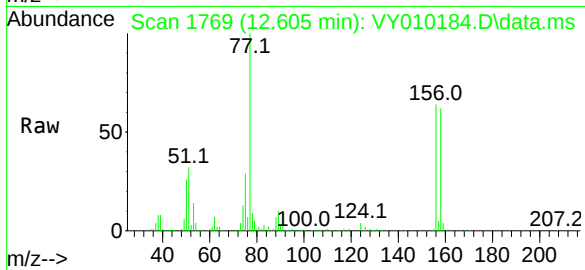
Tgt Ion:156 Resp: 122706

Ion Ratio Lower Upper

156 100

77 180.5 89.5 268.4

158 97.2 48.3 144.9



#78

n-propylbenzene

Concen: 47.148 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY010184.D

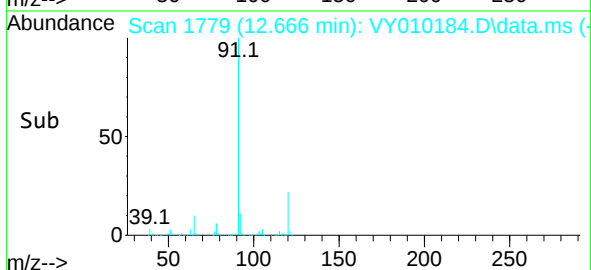
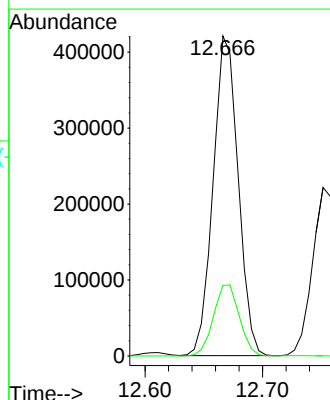
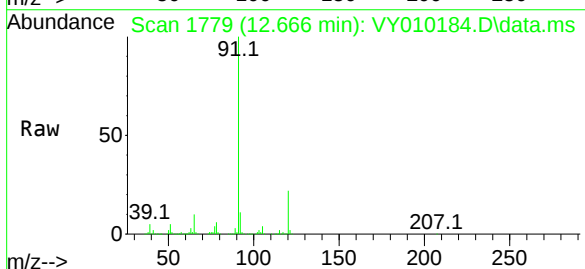
Acq: 23 Aug 2022 22:39

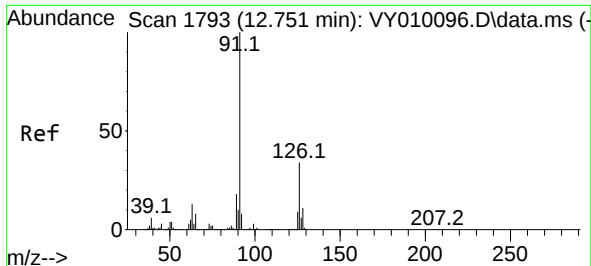
Tgt Ion: 91 Resp: 622515

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8





#79

2-Chlorotoluene

Concen: 46.505 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.001 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

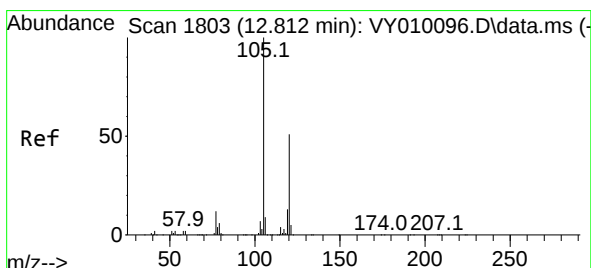
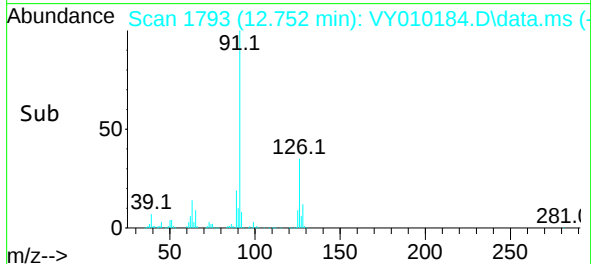
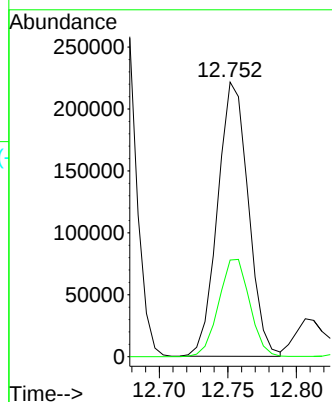
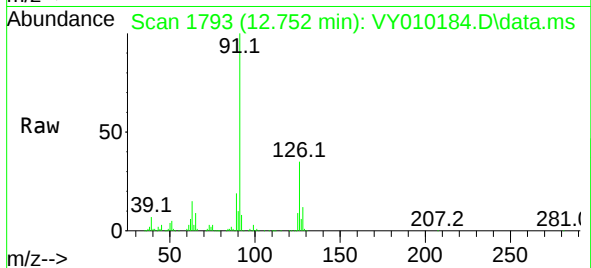
VSTDCCC050EC

Tgt Ion: 91 Resp: 345883

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 47.851 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY010184.D

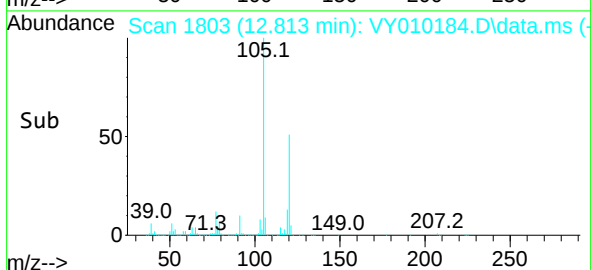
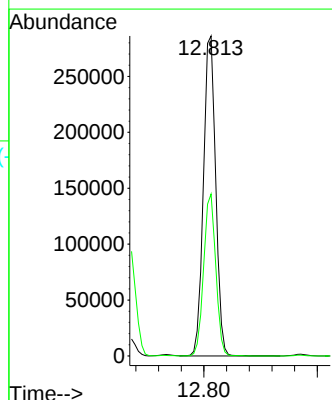
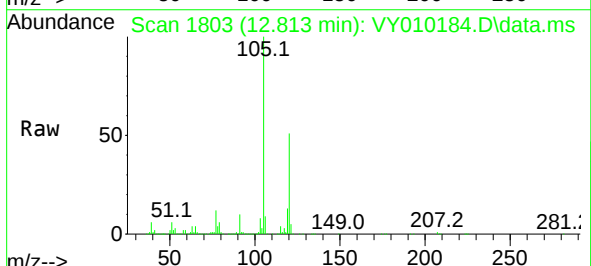
Acq: 23 Aug 2022 22:39

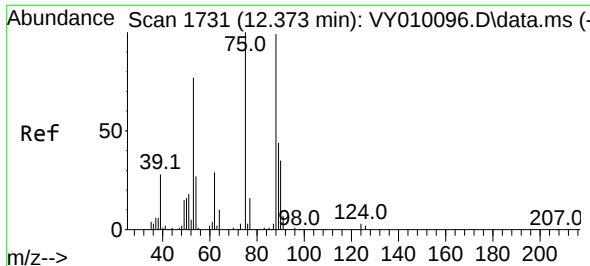
Tgt Ion: 105 Resp: 430525

Ion Ratio Lower Upper

105 100

120 50.1 24.8 74.4

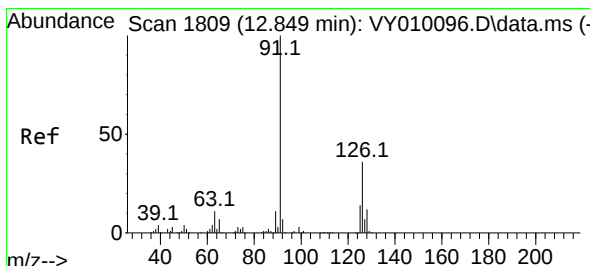
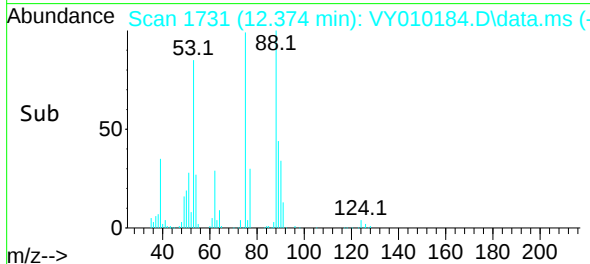
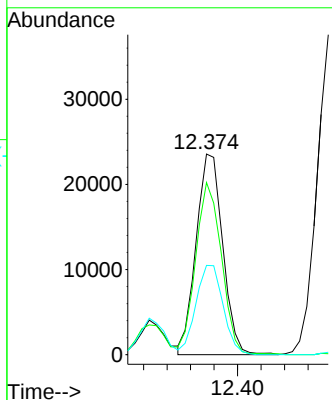
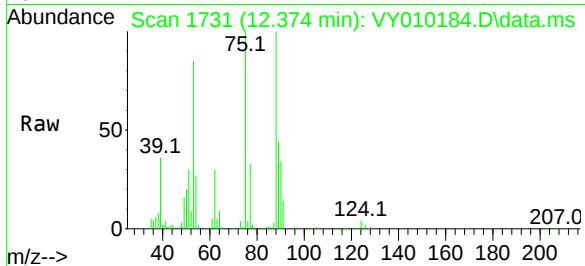




#81
trans-1,4-Dichloro-2-butene
Concen: 49.841 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

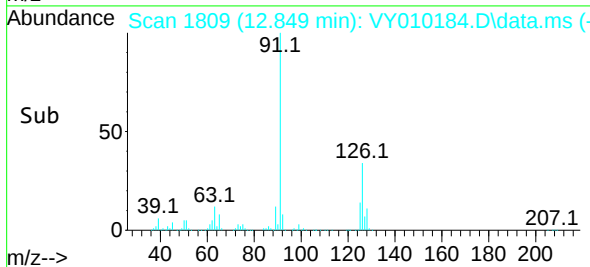
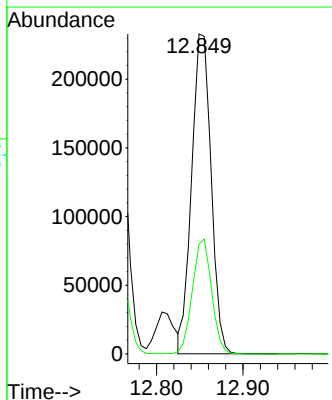
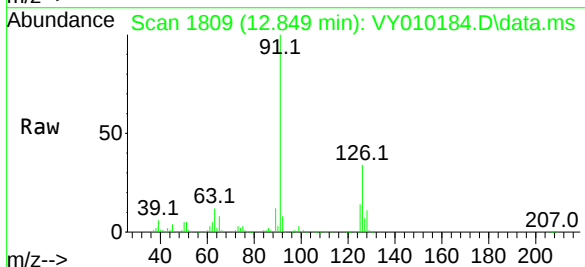
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

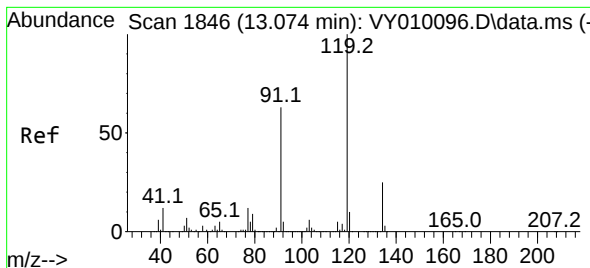
Tgt Ion: 75 Resp: 37148
Ion Ratio Lower Upper
75 100
53 83.1 62.6 94.0
89 45.3 36.8 55.2



#82
4-Chlorotoluene
Concen: 47.140 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion: 91 Resp: 363459
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.4





#83

tert-Butylbenzene

Concen: 47.008 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

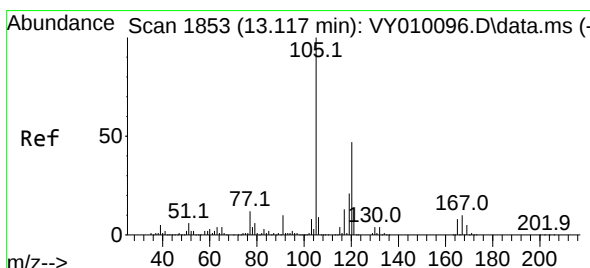
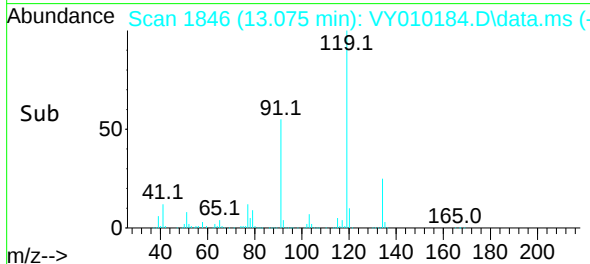
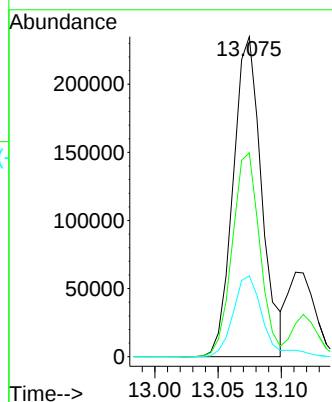
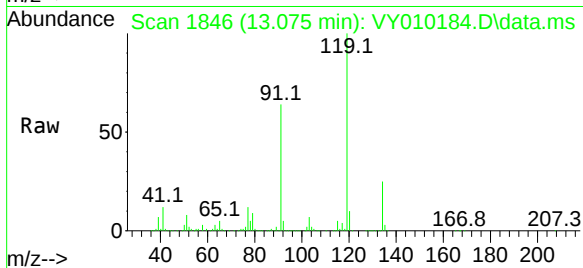
Tgt Ion:119 Resp: 368715

Ion Ratio Lower Upper

119 100

91 61.6 30.9 92.7

134 26.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 48.274 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010184.D

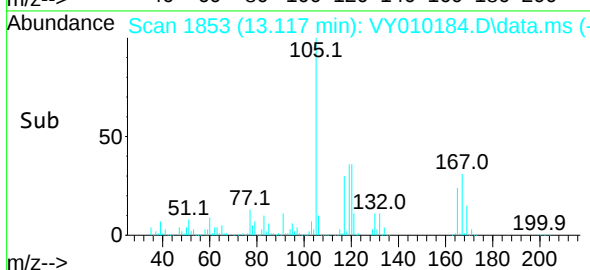
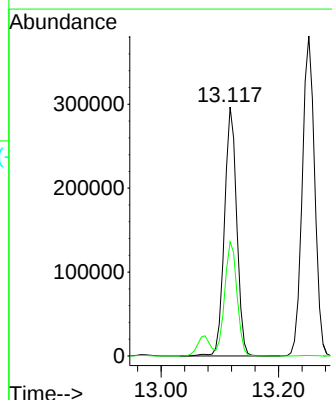
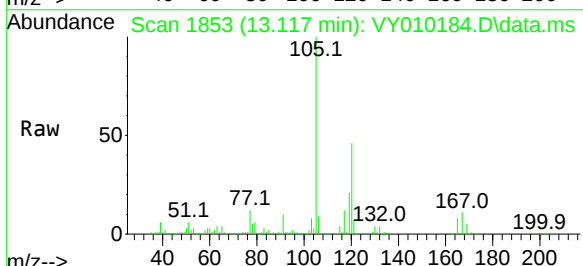
Acq: 23 Aug 2022 22:39

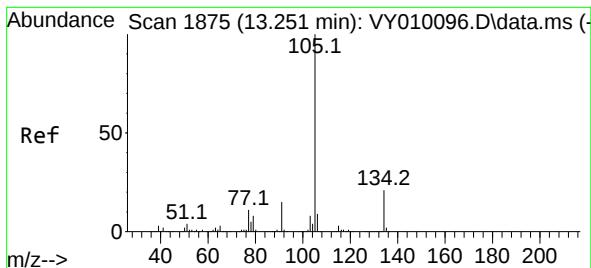
Tgt Ion:105 Resp: 430161

Ion Ratio Lower Upper

105 100

120 45.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 46.811 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

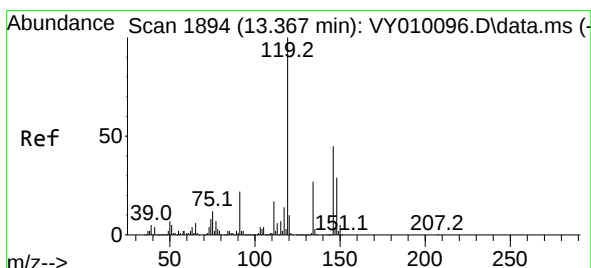
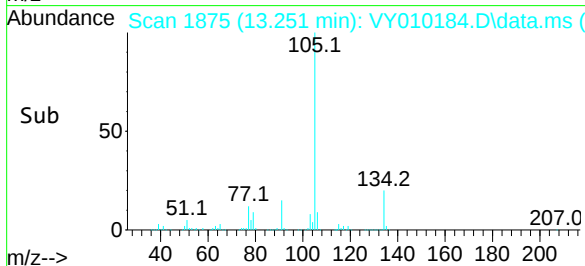
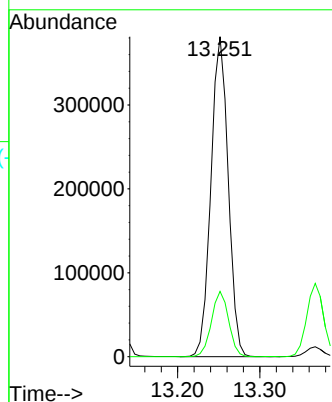
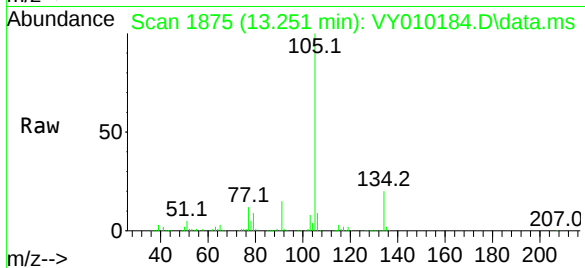
VSTDCCC050EC

Tgt Ion:105 Resp: 556701

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 47.430 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

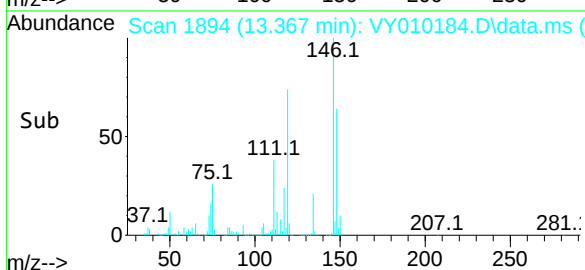
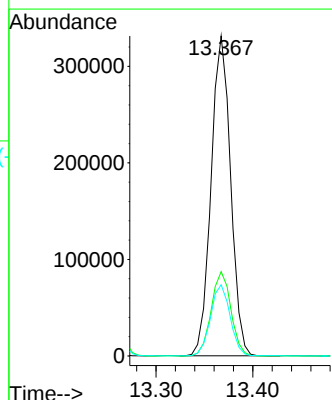
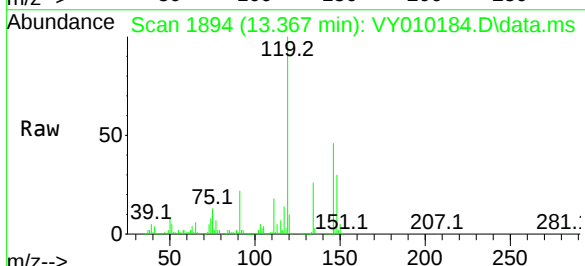
Tgt Ion:119 Resp: 464955

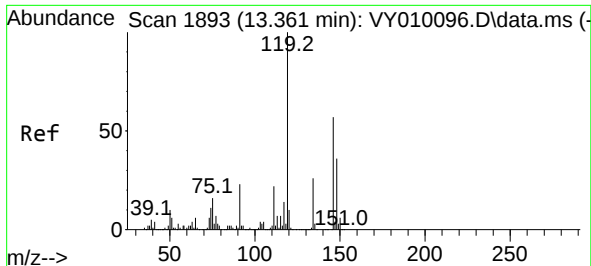
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.7

91 22.3 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 46.565 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

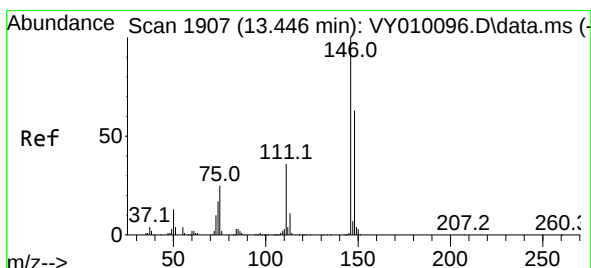
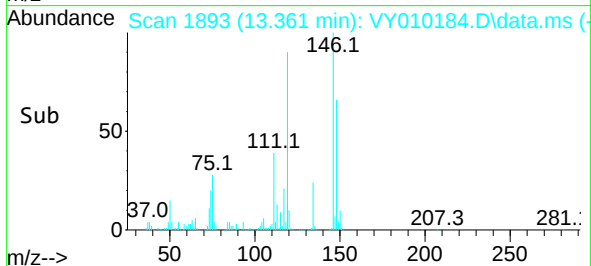
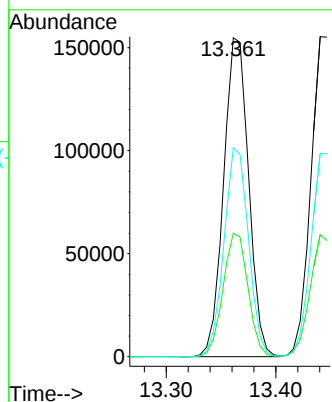
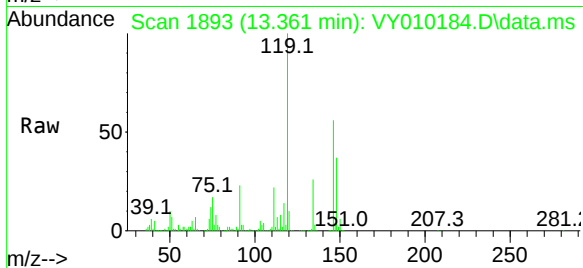
Tgt Ion:146 Resp: 245267

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.3

148 64.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 46.369 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

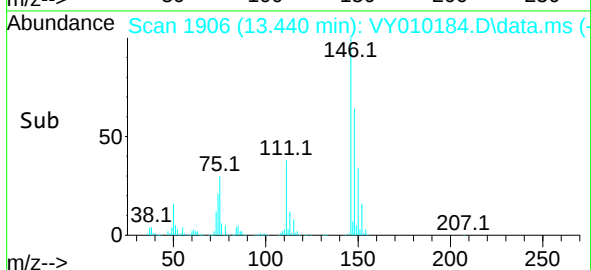
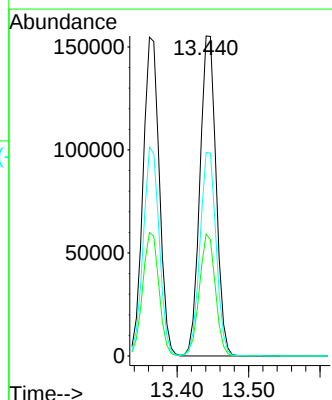
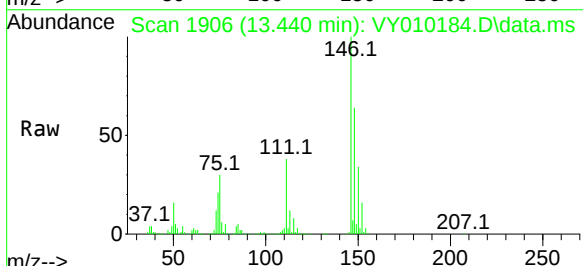
Tgt Ion:146 Resp: 244550

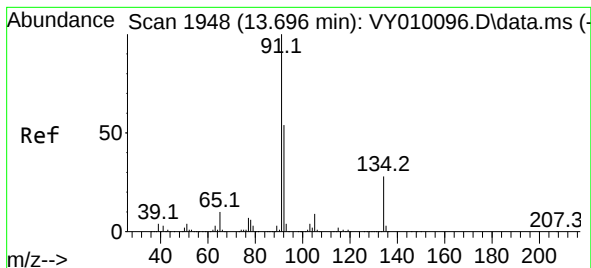
Ion Ratio Lower Upper

146 100

111 37.5 18.7 56.1

148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 47.188 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY010184.D

Acq: 23 Aug 2022 22:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

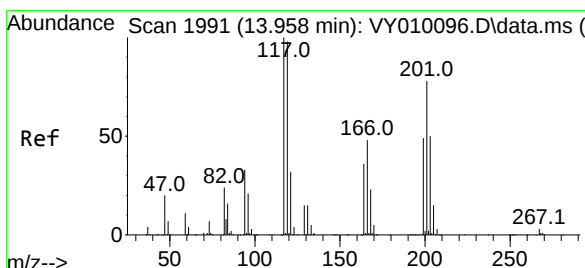
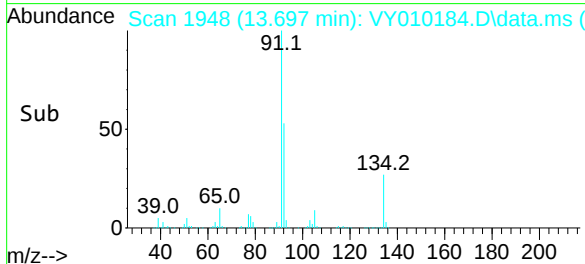
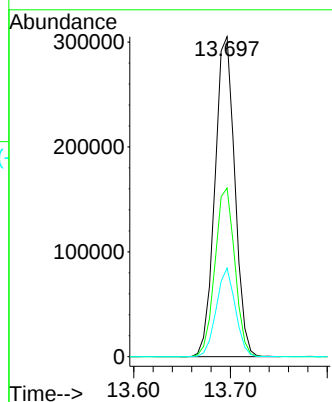
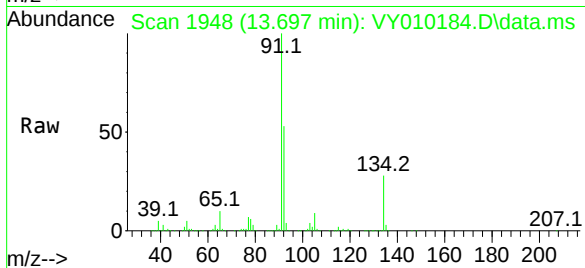
Tgt Ion: 91 Resp: 435392

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.3

134 26.6 13.4 40.1



#90

Hexachloroethane

Concen: 45.661 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY010184.D

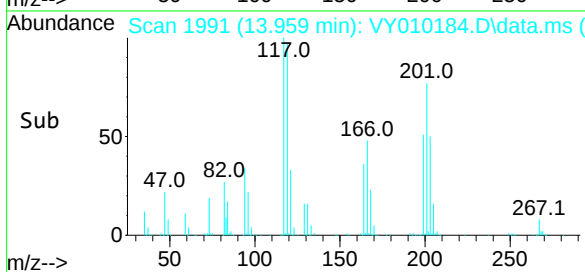
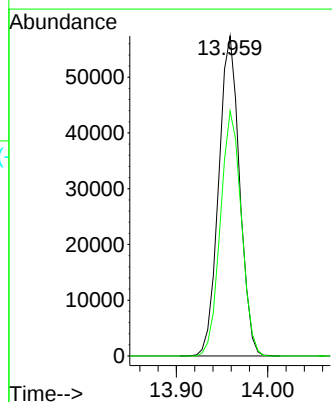
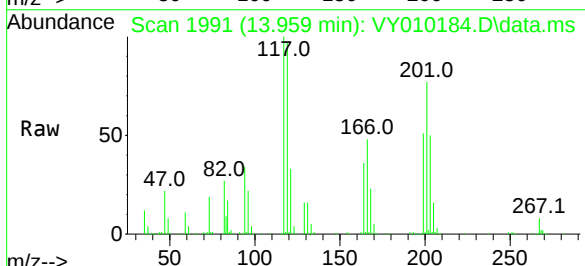
Acq: 23 Aug 2022 22:39

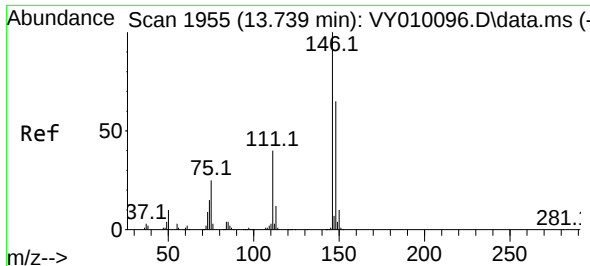
Tgt Ion: 117 Resp: 91266

Ion Ratio Lower Upper

117 100

201 76.8 38.6 115.8

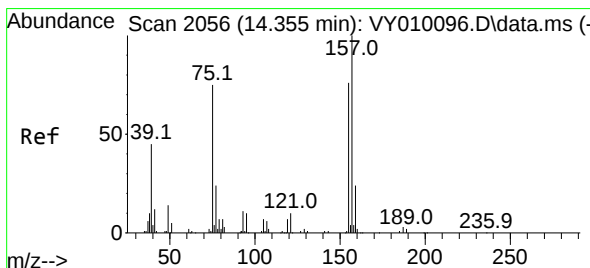
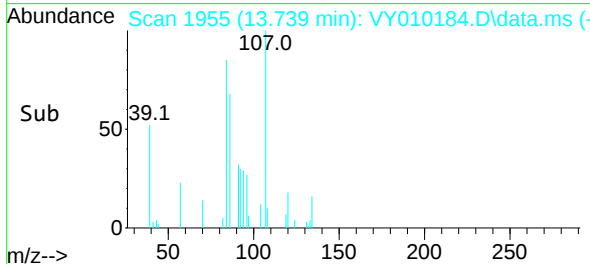
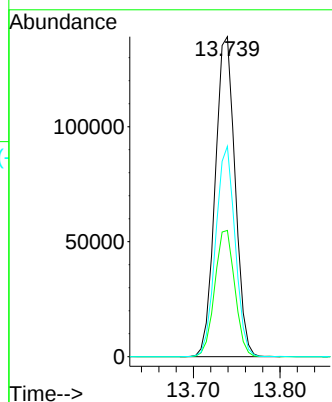
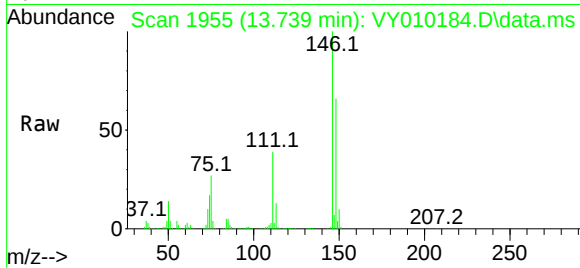




#91
 1,2-Dichlorobenzene
 Concen: 47.540 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY010184.D
 Acq: 23 Aug 2022 22:39

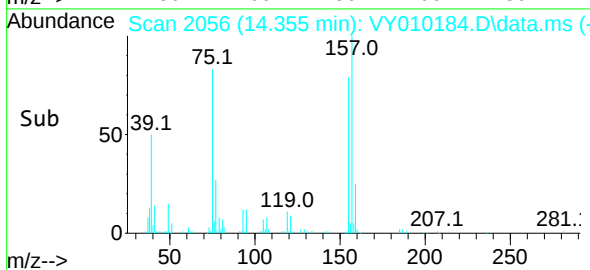
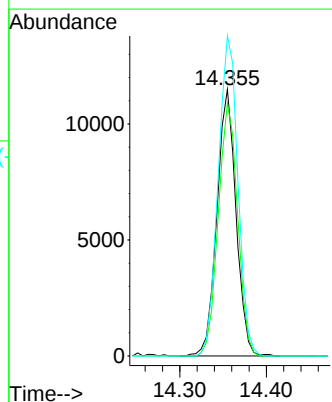
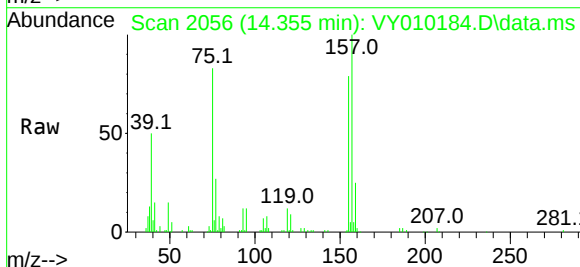
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

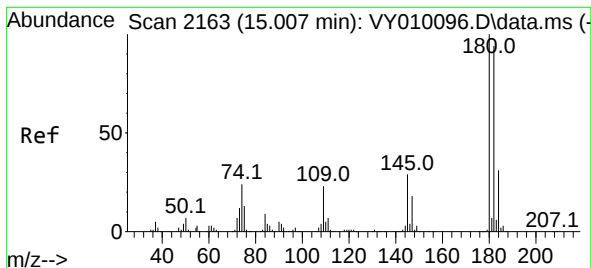
Tgt Ion:146 Resp: 222272
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.0 60.0
 148 64.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.530 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY010184.D
 Acq: 23 Aug 2022 22:39

Tgt Ion: 75 Resp: 17604
 Ion Ratio Lower Upper
 75 100
 155 96.0 49.1 147.4
 157 123.9 62.3 186.8

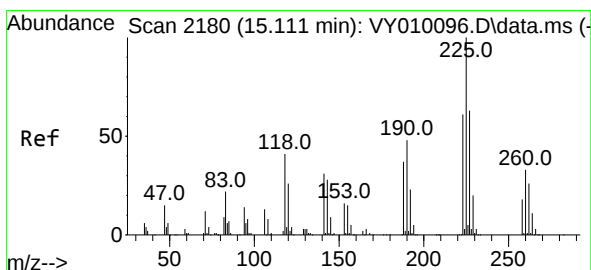
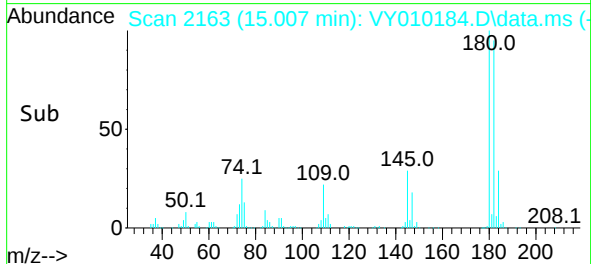
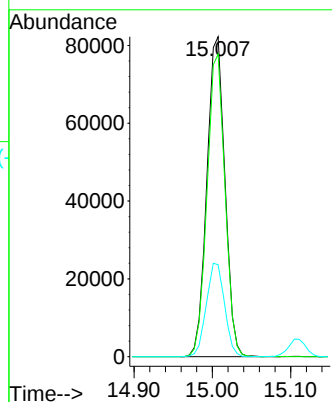
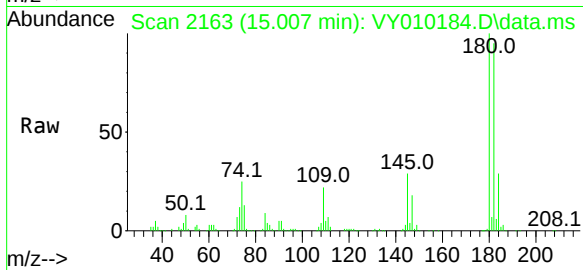




#93
 1,2,4-Trichlorobenzene
 Concen: 47.402 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY010184.D
 Acq: 23 Aug 2022 22:39

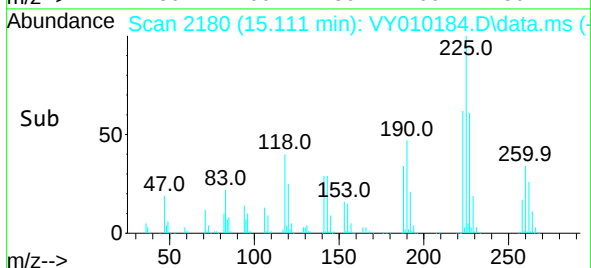
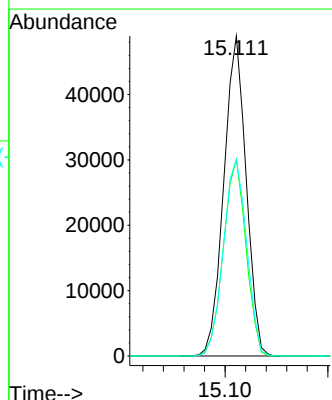
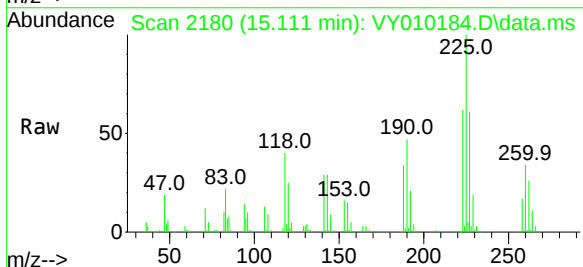
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

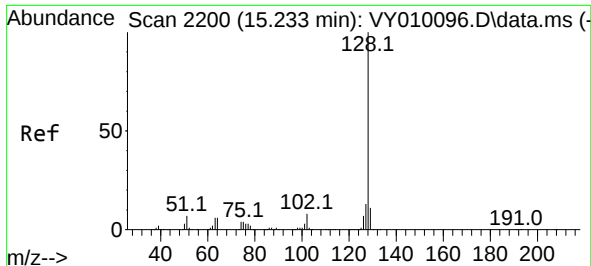
Tgt Ion:180 Resp: 131401
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.6 142.8
 145 29.5 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 44.796 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY010184.D
 Acq: 23 Aug 2022 22:39

Tgt Ion:225 Resp: 73722
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.5
 227 64.3 32.0 96.2

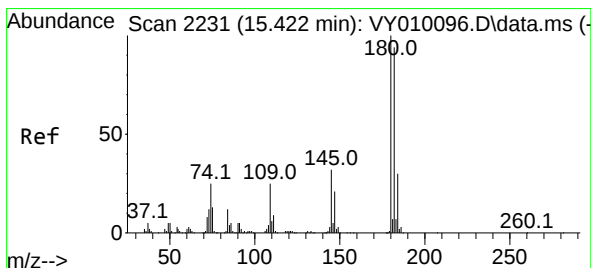
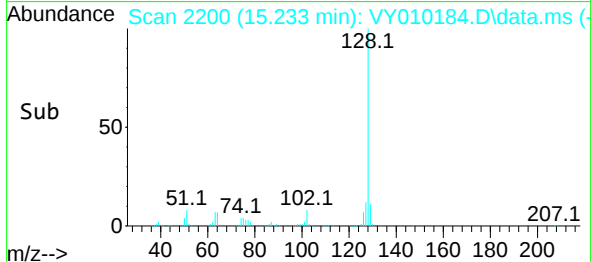
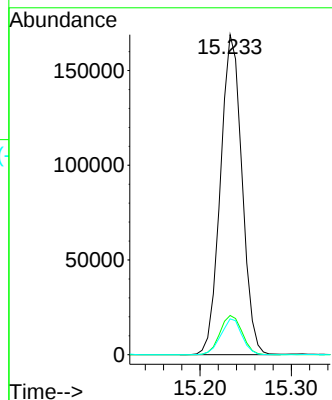
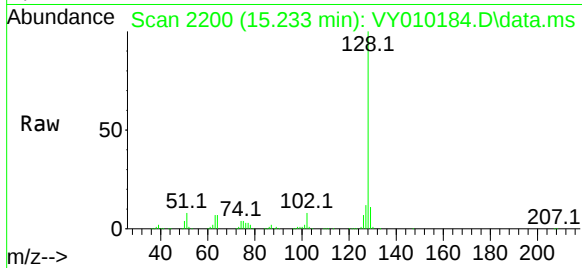




#95
Naphthalene
Concen: 46.497 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 277492
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.354 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010184.D
Acq: 23 Aug 2022 22:39

Tgt Ion:180 Resp: 114394
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.2
145 30.6 16.0 47.9

