

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010056.D
 Acq On : 17 Aug 2022 09:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 17 14:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	103494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48428	46.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.600%
35) Dibromofluoromethane	7.710	113	48437	53.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.900%
50) Toluene-d8	10.179	98	172466	51.923	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.477	95	63609	54.523	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40799	48.157	ug/l	99
3) Chloromethane	2.113	50	49644	42.762	ug/l	99
4) Vinyl Chloride	2.247	62	63764	43.318	ug/l	99
5) Bromomethane	2.644	94	51798	43.112	ug/l	98
6) Chloroethane	2.790	64	44554	43.950	ug/l	98
7) Trichlorofluoromethane	3.119	101	87883	50.261	ug/l	100
8) Diethyl Ether	3.521	74	22833	46.624	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	46917	50.599	ug/l	99
10) Methyl Iodide	4.082	142	55410	50.484	ug/l	100
11) Tert butyl alcohol	4.948	59	20704	205.737	ug/l	99
12) 1,1-Dichloroethene	3.863	96	39910	47.029	ug/l	96
13) Acrolein	3.723	56	11057	160.076	ug/l	98
14) Allyl chloride	4.472	41	55012	44.109	ug/l	97
15) Acrylonitrile	5.149	53	55148	238.825	ug/l	99
16) Acetone	3.942	43	65174	294.049	ug/l	90
17) Carbon Disulfide	4.186	76	99986	41.133	ug/l	99
18) Methyl Acetate	4.466	43	26600	44.070	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	114941	49.295	ug/l	99
20) Methylene Chloride	4.704	84	49181	47.820	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	46884	48.039	ug/l	98
22) Diisopropyl ether	6.112	45	132921	54.187	ug/l	98
23) Vinyl Acetate	6.051	43	421647	272.403	ug/l	100
24) 1,1-Dichloroethane	6.009	63	79558	51.068	ug/l	96
25) 2-Butanone	6.978	43	83403	275.059	ug/l	98
26) 2,2-Dichloropropane	6.978	77	85153	52.010	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	54858	51.115	ug/l	99
28) Bromochloromethane	7.332	49	31351	48.362	ug/l	95
29) Tetrahydrofuran	7.344	42	47170	239.501	ug/l	95
30) Chloroform	7.502	83	95445	50.097	ug/l	99
31) Cyclohexane	7.783	56	62927	43.038	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	89886	52.045	ug/l	100
36) 1,1-Dichloropropene	7.911	75	64977	51.954	ug/l	98
37) Ethyl Acetate	7.063	43	32285	51.262	ug/l	96
38) Carbon Tetrachloride	7.899	117	87048	56.594	ug/l	99
39) Methylcyclohexane	9.179	83	73143	51.908	ug/l	98
40) Benzene	8.155	78	186049	50.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	46013	141.440	ug/l	# 76
42) 1,2-Dichloroethane	8.228	62	61877	54.276	ug/l	99
43) Isopropyl Acetate	8.271	43	61433	51.388	ug/l	99
44) Trichloroethene	8.935	130	57653	52.133	ug/l	98
45) 1,2-Dichloropropane	9.209	63	44105	50.982	ug/l	99
46) Dibromomethane	9.301	93	29775	53.738	ug/l	98
47) Bromodichloromethane	9.496	83	72290	54.089	ug/l	99
48) Methyl methacrylate	9.289	41	27097	52.093	ug/l	96
49) 1,4-Dioxane	9.295	88	6942	1218.605	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	173137	262.507	ug/l	99
52) Toluene	10.240	92	128977	54.693	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	69864	54.280	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	74661	53.030	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	42228	55.178	ug/l	95
56) Ethyl methacrylate	10.508	69	48917	55.304	ug/l	99
57) 1,3-Dichloropropane	10.788	76	65282	53.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	85038	222.157	ug/l	96
59) 2-Hexanone	10.831	43	126913	245.858	ug/l	98
60) Dibromochloromethane	10.983	129	56386	55.625	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39844	53.422	ug/l	98
64) Tetrachloroethene	10.715	164	60809	53.431	ug/l	97
65) Chlorobenzene	11.514	112	143444	51.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60207	54.692	ug/l	99
67) Ethyl Benzene	11.593	91	249684	53.604	ug/l	99
68) m/p-Xylenes	11.703	106	205410	111.010	ug/l	97
69) o-Xylene	12.026	106	97046	56.139	ug/l	95
70) Styrene	12.044	104	165868	56.860	ug/l	98
71) Bromoform	12.209	173	37951	55.029	ug/l	# 96
73) Isopropylbenzene	12.331	105	259085	53.777	ug/l	97
74) N-amyl acetate	12.142	43	51850	39.153	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	45143	47.134	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	59479	81.406	ug/l	# 100
77) Bromobenzene	12.605	156	67374	52.639	ug/l	90
78) n-propylbenzene	12.672	91	302551	50.939	ug/l	97
79) 2-Chlorotoluene	12.758	91	171879	51.173	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	225298	53.680	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15313	47.364	ug/l	96
82) 4-Chlorotoluene	12.855	91	179938	51.212	ug/l	97
83) tert-Butylbenzene	13.075	119	197815	53.639	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	221883	53.844	ug/l	99
85) sec-Butylbenzene	13.251	105	284601	52.834	ug/l	97
86) p-Isopropyltoluene	13.367	119	251848	54.552	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	134568	51.632	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	133709	50.817	ug/l	99
89) n-Butylbenzene	13.696	91	214089	52.051	ug/l	98
90) Hexachloroethane	13.959	117	48877	52.232	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	120334	51.912	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7963	48.373	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	73313	52.938	ug/l	99
94) Hexachlorobutadiene	15.111	225	46749	52.750	ug/l	99
95) Naphthalene	15.239	128	131443	53.613	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	64195	52.668	ug/l	99

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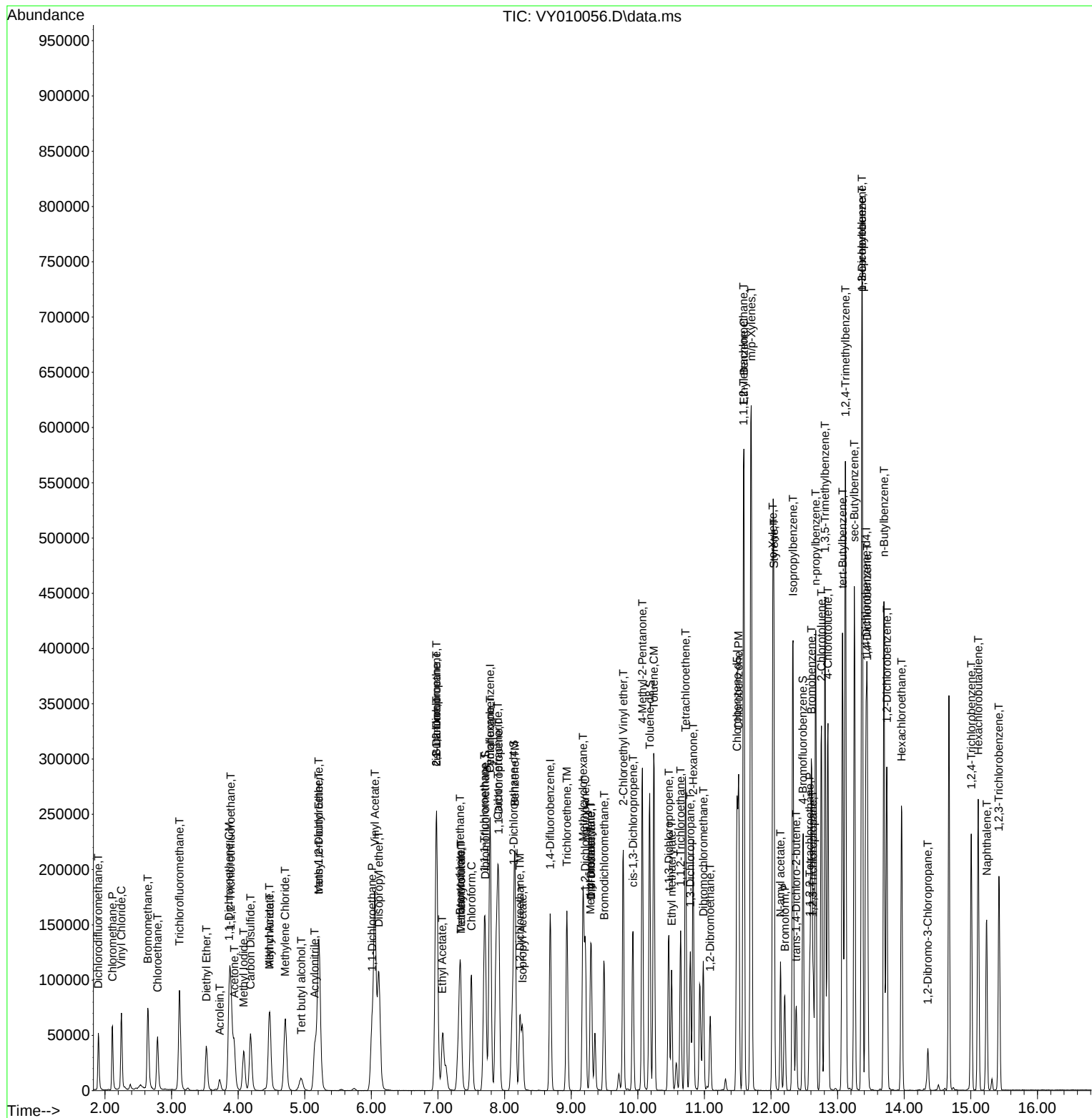
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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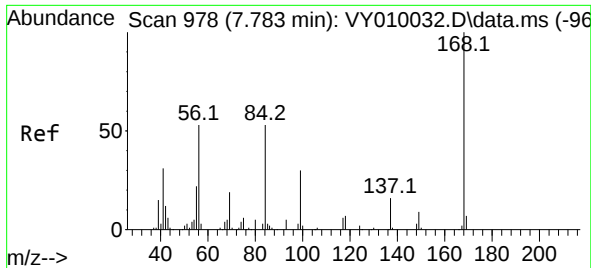
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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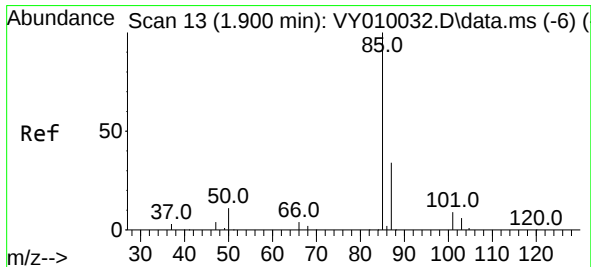
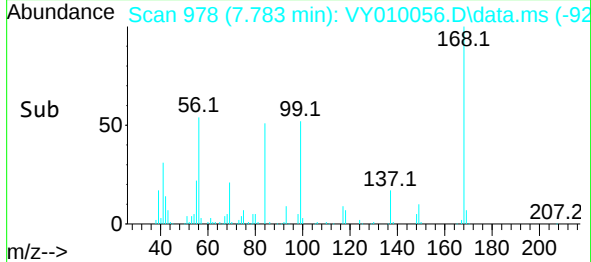
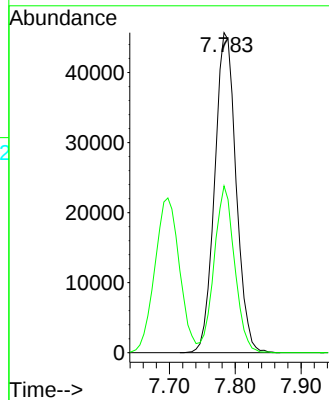
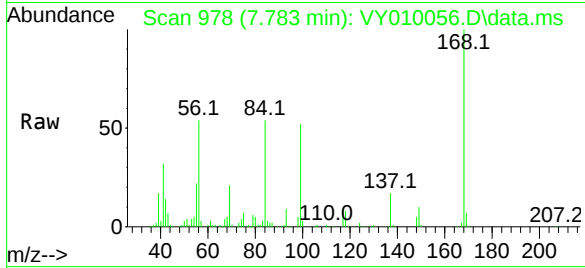




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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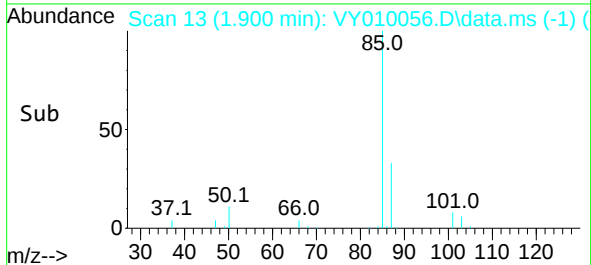
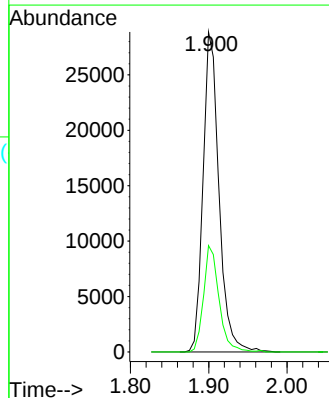
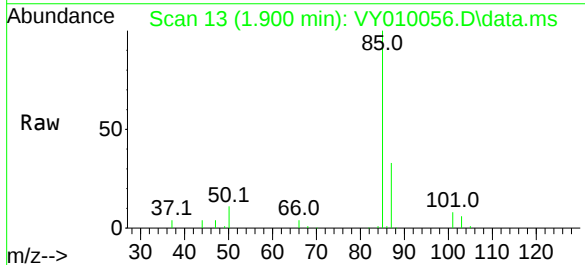
Instrument :
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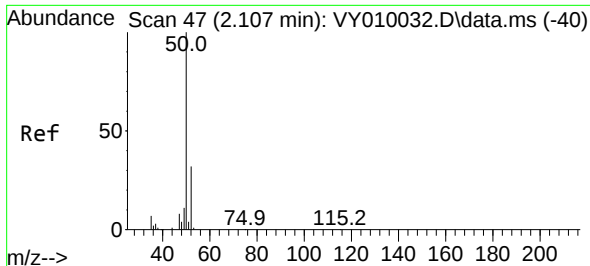
Tgt Ion:168 Resp: 103494
Ion Ratio Lower Upper
168 100
99 52.1 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 48.157 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 85 Resp: 40799
Ion Ratio Lower Upper
85 100
87 33.3 16.9 50.7

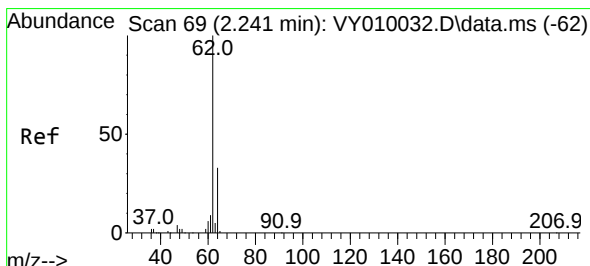
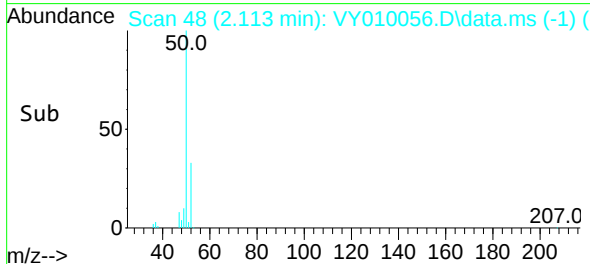
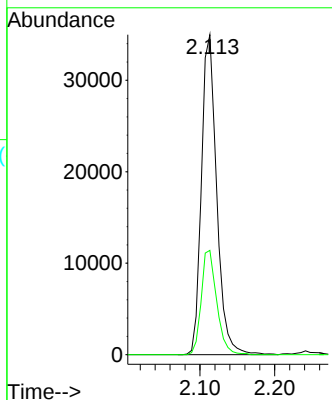
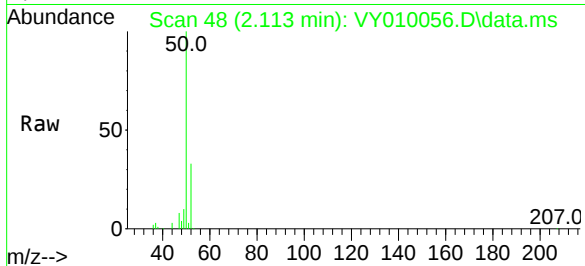




#3
Chloromethane
Concen: 42.762 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

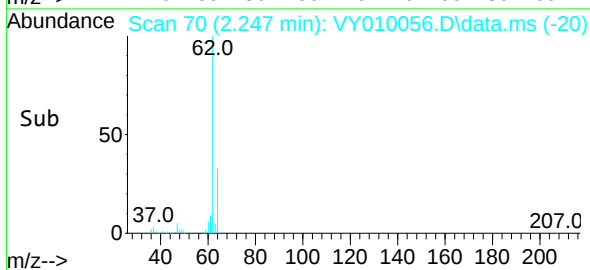
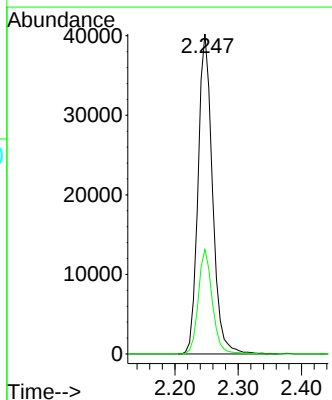
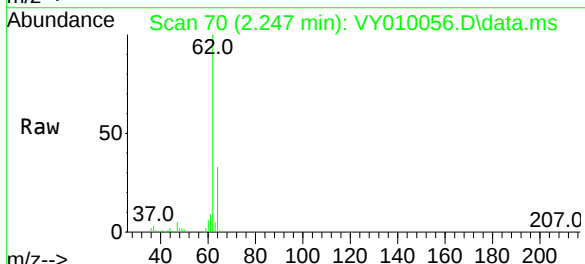
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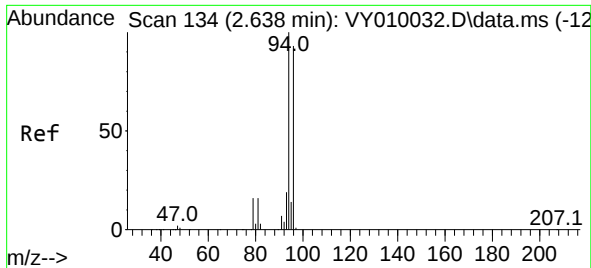
Tgt Ion: 50 Resp: 49644
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3



#4
Vinyl Chloride
Concen: 43.318 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 62 Resp: 63764
Ion Ratio Lower Upper
62 100
64 32.7 26.6 39.8

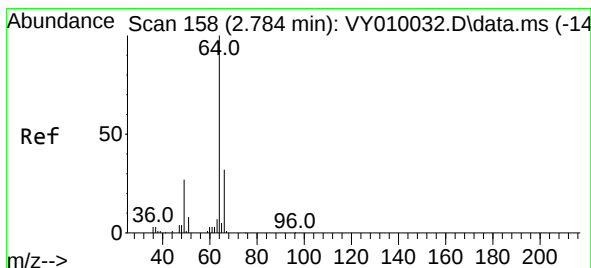
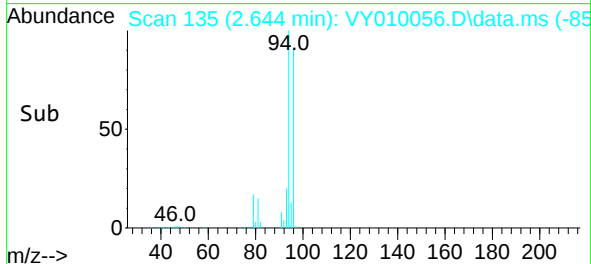
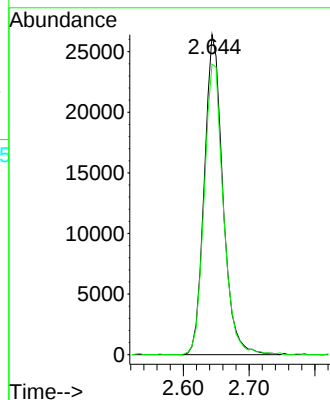
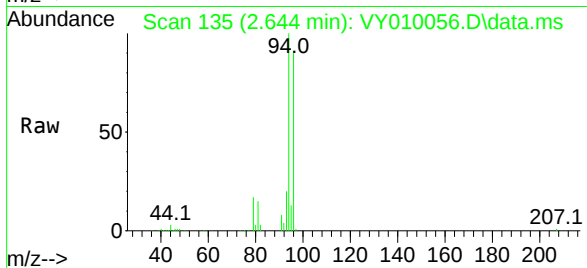




#5
Bromomethane
Concen: 43.112 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010056.D
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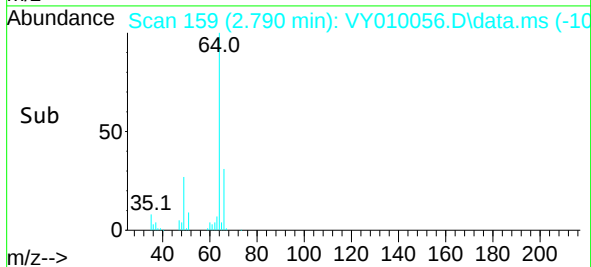
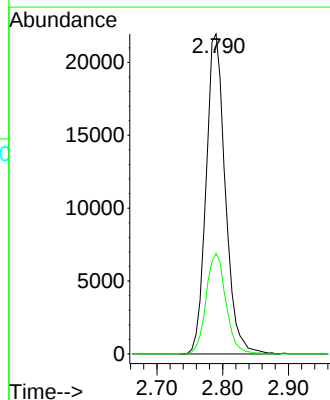
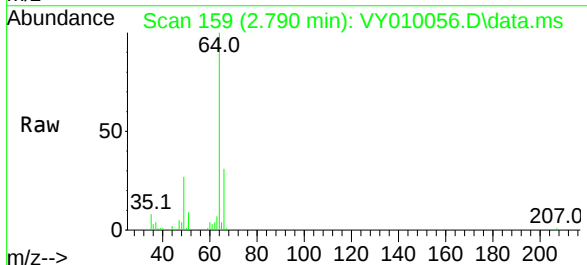
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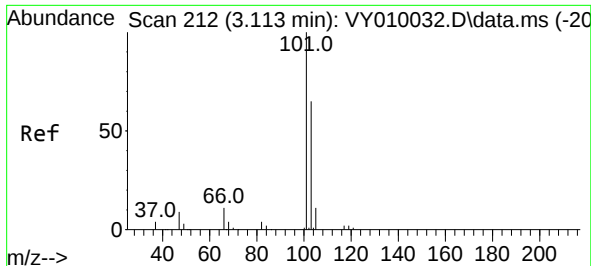
Tgt Ion: 94 Resp: 51798
Ion Ratio Lower Upper
94 100
96 90.8 74.2 111.2



#6
Chloroethane
Concen: 43.950 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 64 Resp: 44554
Ion Ratio Lower Upper
64 100
66 31.4 26.0 39.0

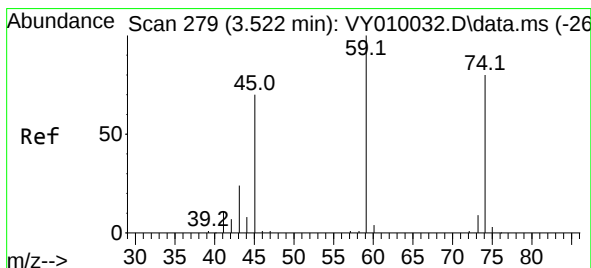
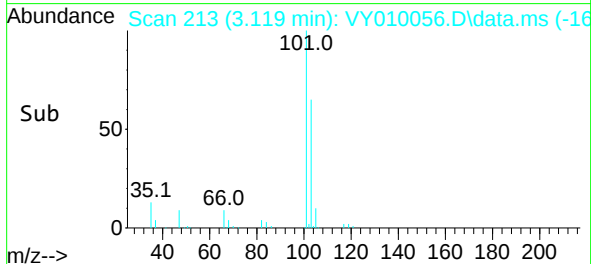
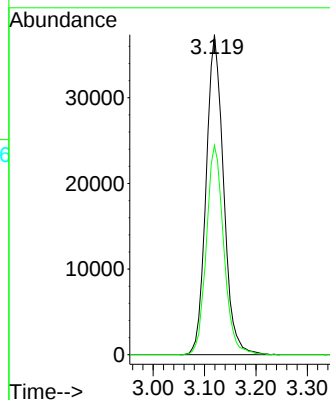
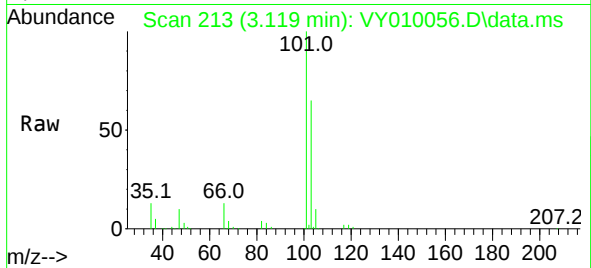




#7
 Trichlorofluoromethane
 Concen: 50.261 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY010056.D
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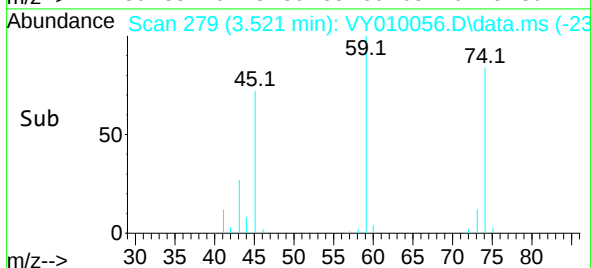
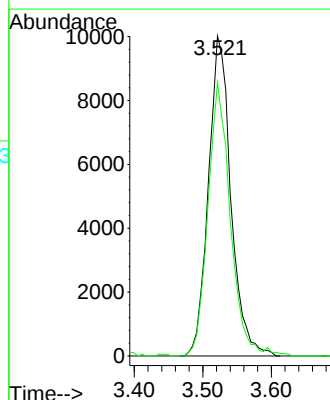
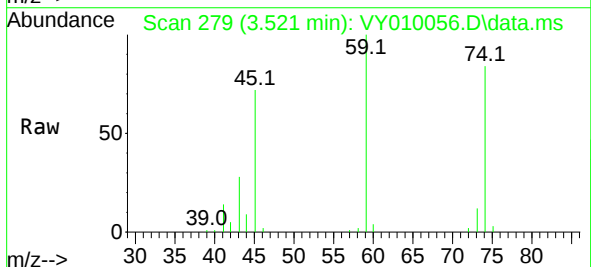
Instrument :
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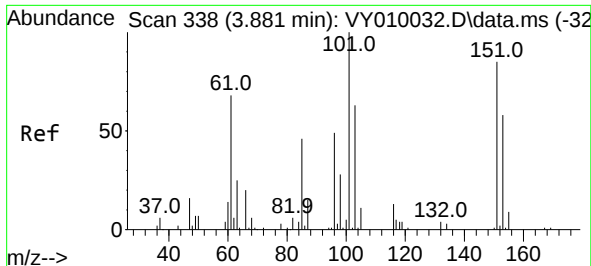
Tgt Ion:101 Resp: 87883
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.1 78.1



#8
 Diethyl Ether
 Concen: 46.624 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.001 min
 Lab File: VY010056.D
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Tgt Ion: 74 Resp: 22833
 Ion Ratio Lower Upper
 74 100
 45 84.3 46.4 139.1

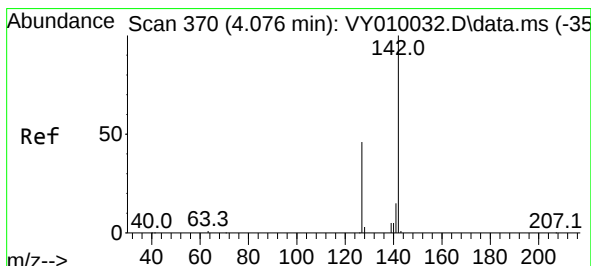
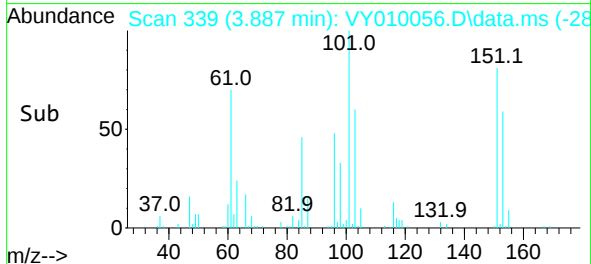
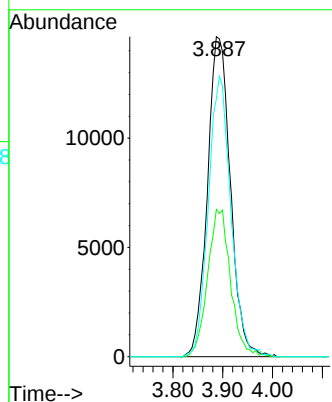
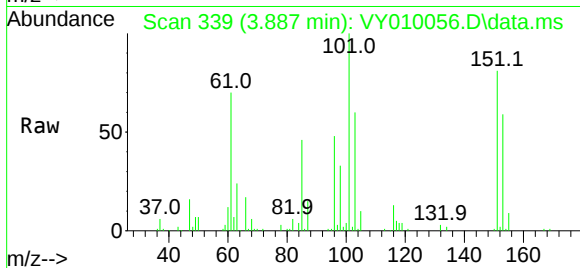




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.599 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

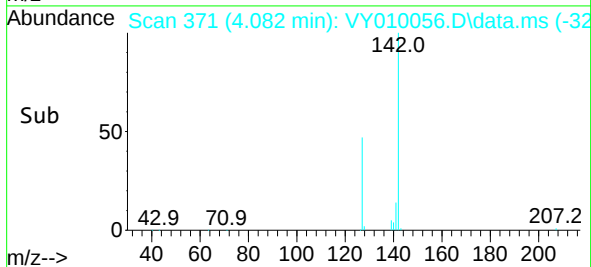
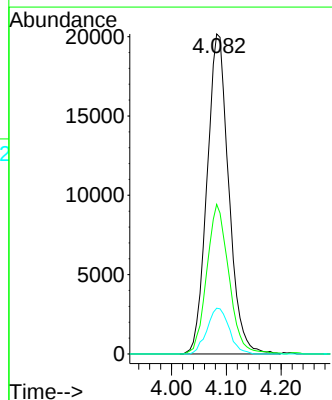
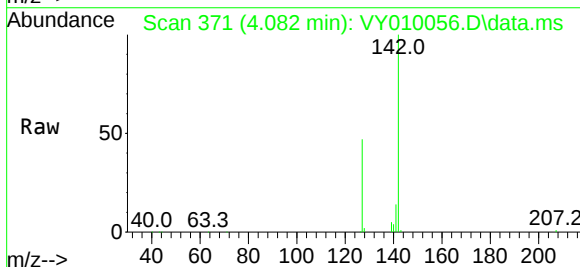
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

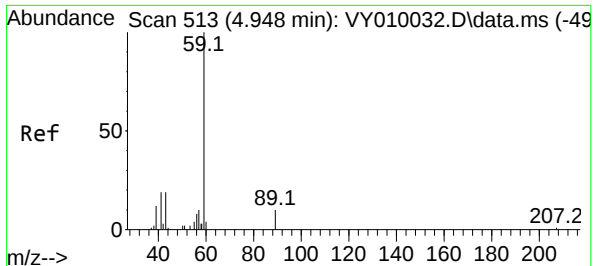
Tgt Ion:101 Resp: 46917
Ion Ratio Lower Upper
101 100
85 45.9 35.6 53.4
151 86.2 68.6 102.8



#10
Methyl Iodide
Concen: 50.484 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion:142 Resp: 55410
Ion Ratio Lower Upper
142 100
127 47.6 37.9 56.9
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 205.737 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

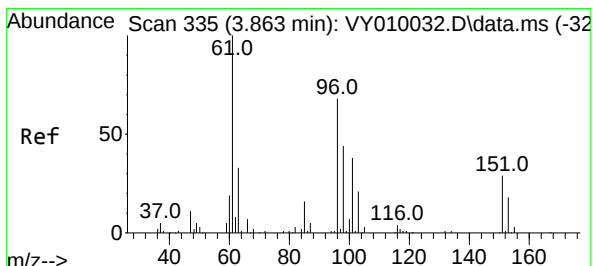
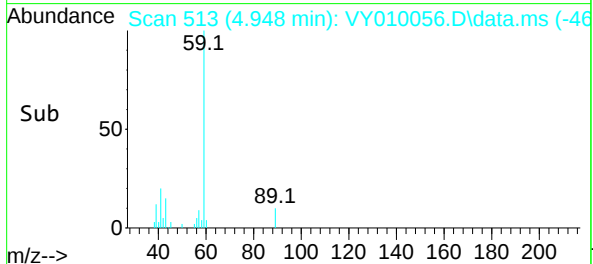
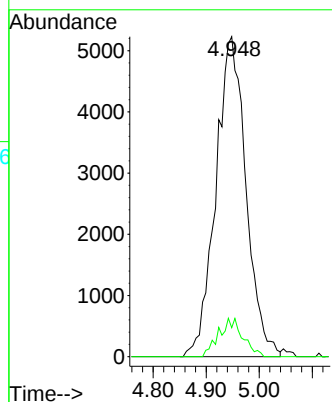
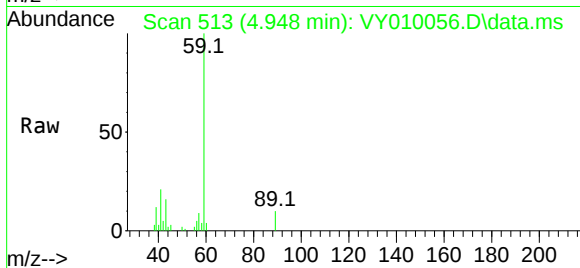
VSTDCCC050

Tgt Ion: 59 Resp: 20704

Ion Ratio Lower Upper

59 100

57 9.5 7.8 11.6



#12

1,1-Dichloroethene

Concen: 47.029 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

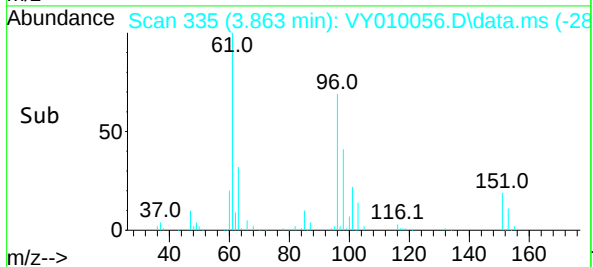
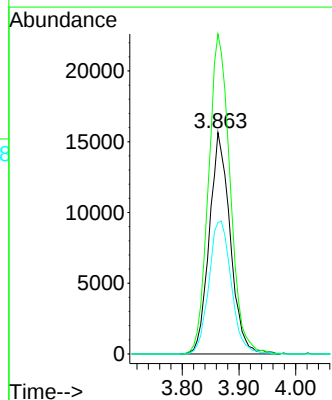
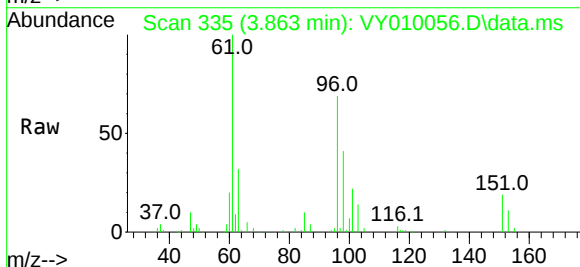
Tgt Ion: 96 Resp: 39910

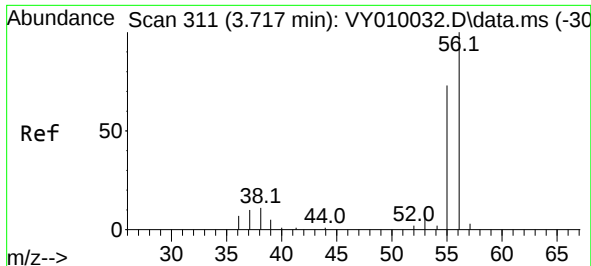
Ion Ratio Lower Upper

96 100

61 144.5 117.8 176.8

98 59.4 51.9 77.9

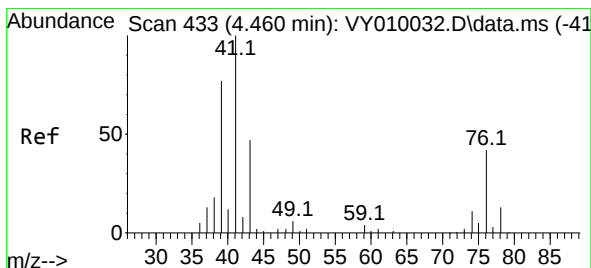
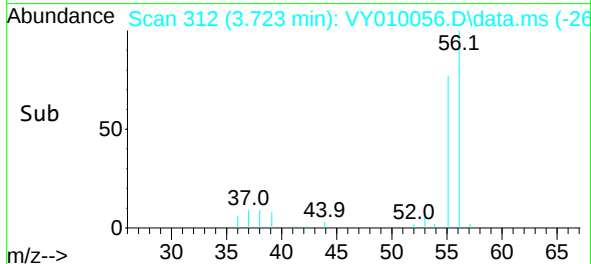
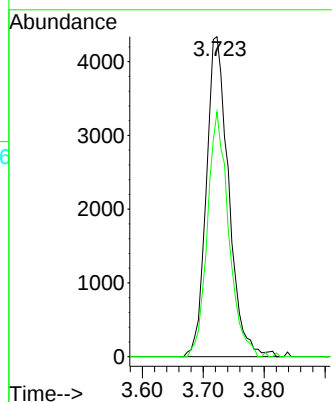
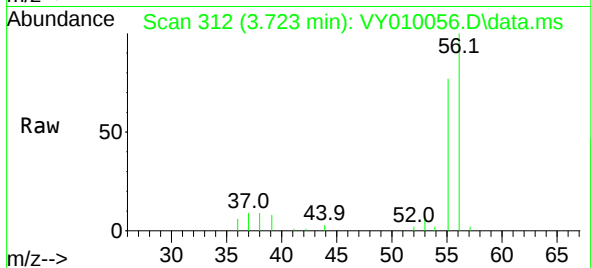




#13
Acrolein
Concen: 160.076 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

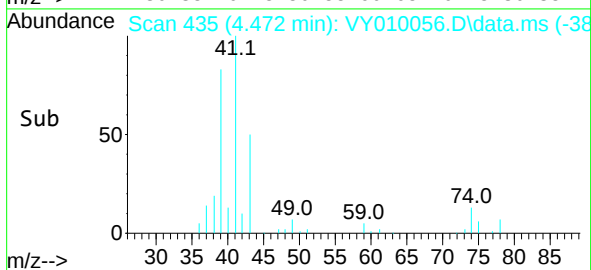
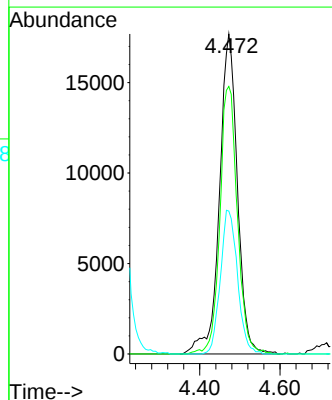
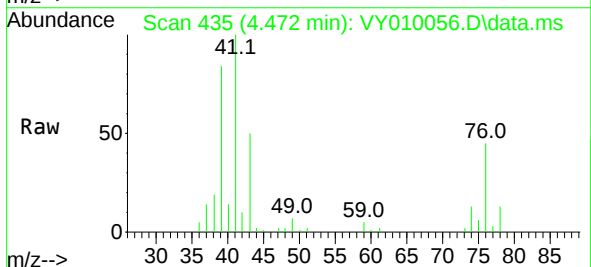
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

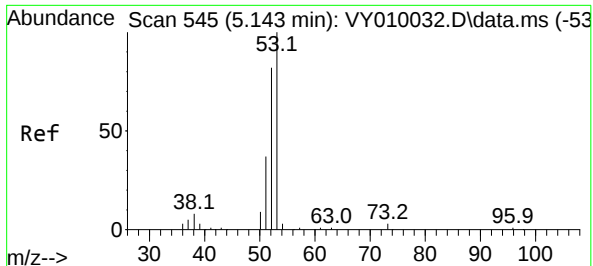
Tgt Ion: 56 Resp: 11057
Ion Ratio Lower Upper
56 100
55 72.7 59.4 89.0



#14
Allyl chloride
Concen: 44.109 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.012 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 41 Resp: 55012
Ion Ratio Lower Upper
41 100
39 81.5 63.2 94.8
76 42.8 32.7 49.1

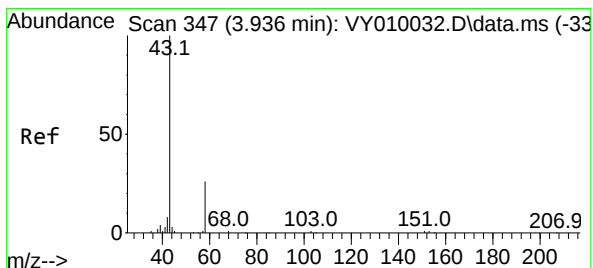
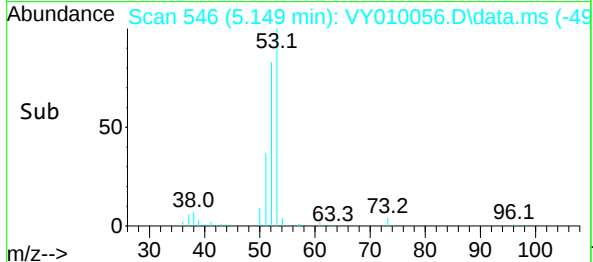
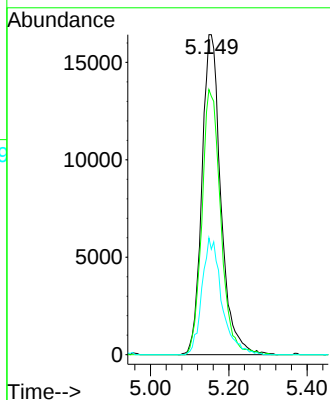
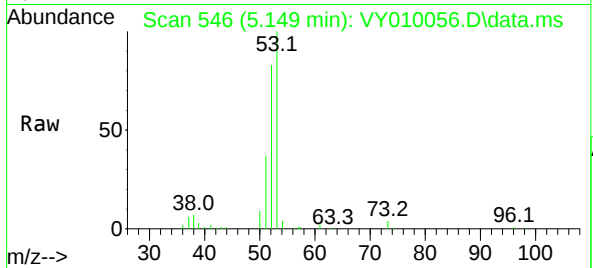




#15
Acrylonitrile
Concen: 238.825 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

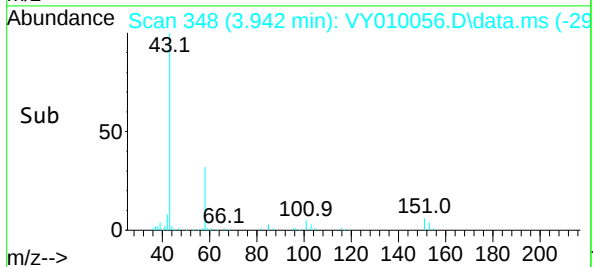
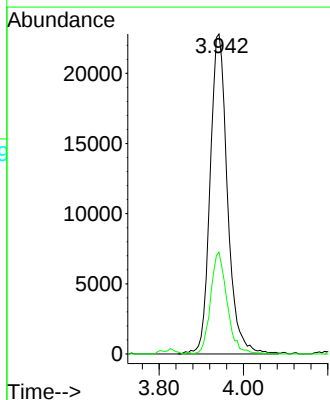
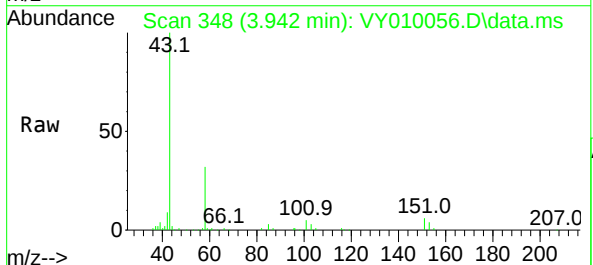
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

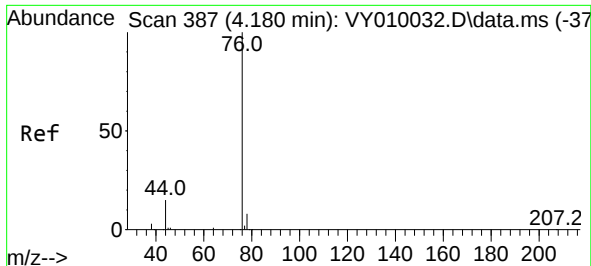
Tgt Ion:	53	Resp:	55148
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.1	97.7
51	38.1	30.2	45.4



#16
Acetone
Concen: 294.049 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion:	43	Resp:	65174
Ion	Ratio	Lower	Upper
43	100		
58	31.8	21.4	32.0

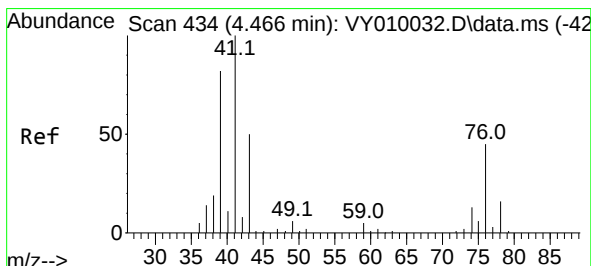
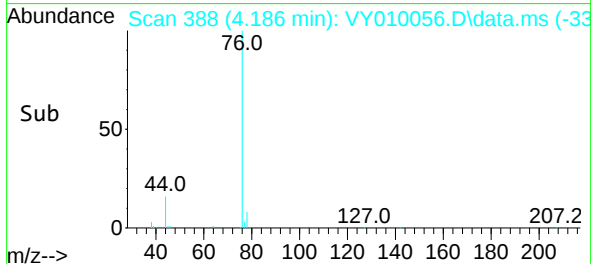
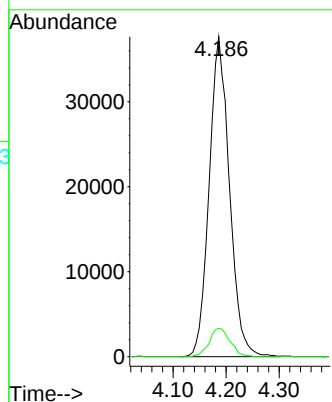
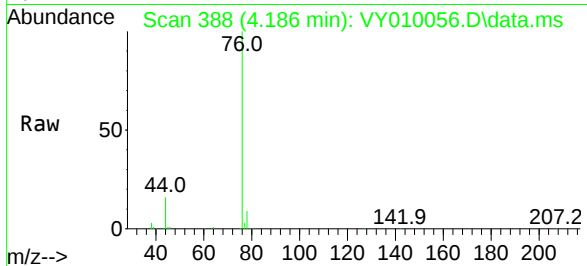




#17
Carbon Disulfide
Concen: 41.133 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

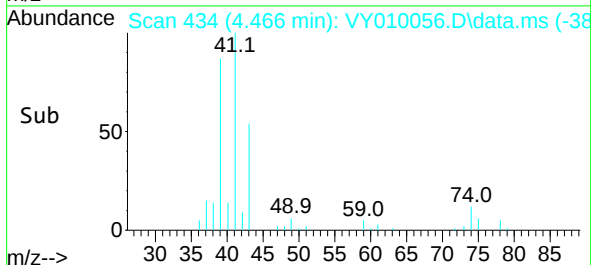
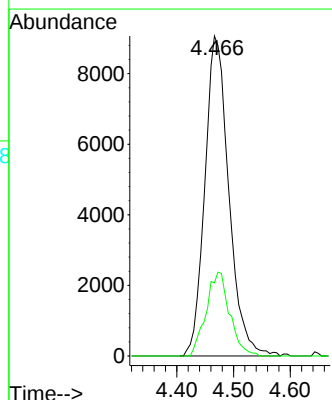
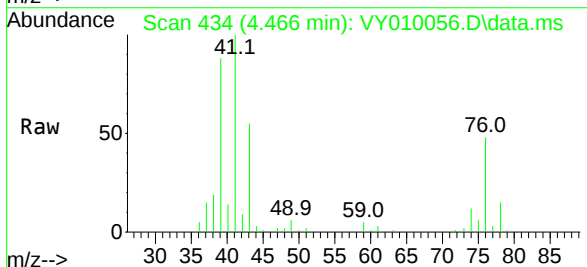
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

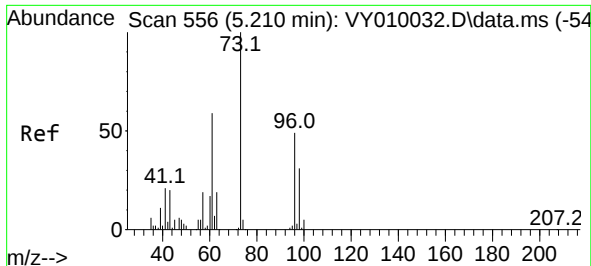
Tgt Ion: 76 Resp: 99986
Ion Ratio Lower Upper
76 100
78 8.8 6.7 10.1



#18
Methyl Acetate
Concen: 44.070 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 43 Resp: 26600
Ion Ratio Lower Upper
43 100
74 25.7 20.7 31.1

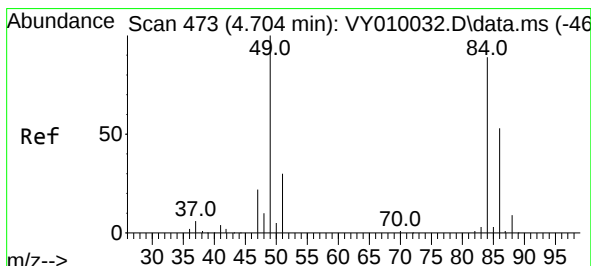
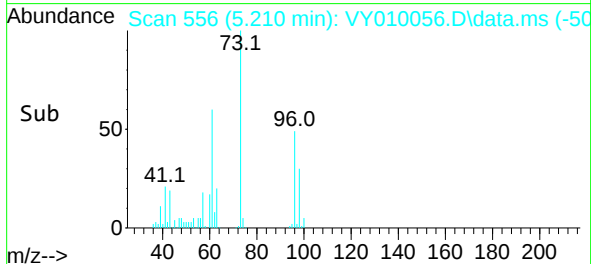
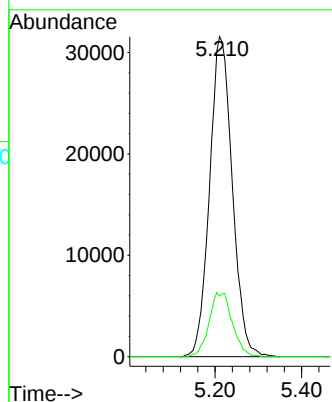
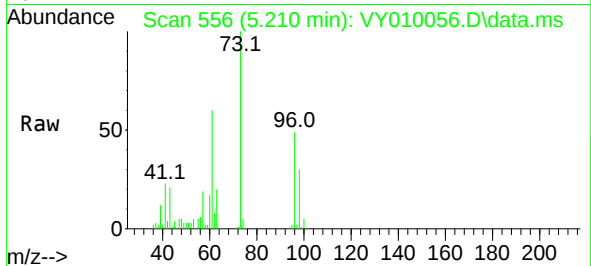




#19
Methyl tert-butyl Ether
Concen: 49.295 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

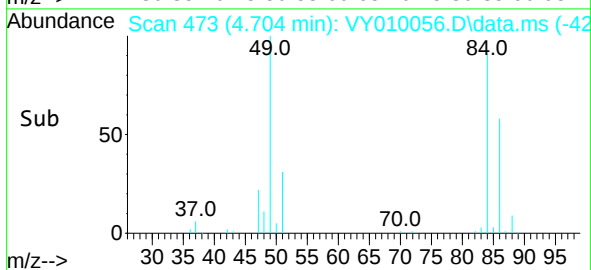
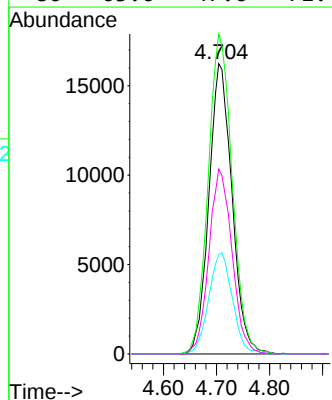
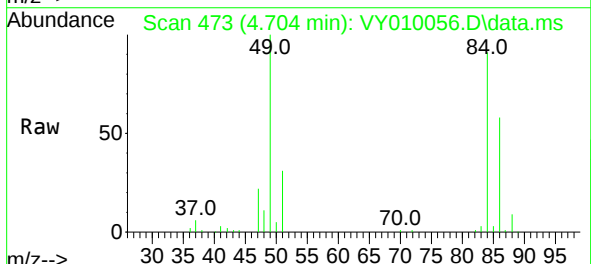
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

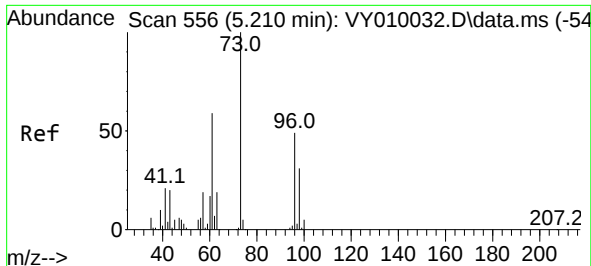
Tgt Ion: 73 Resp: 114941
Ion Ratio Lower Upper
73 100
57 19.0 15.4 23.0



#20
Methylene Chloride
Concen: 47.820 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 84 Resp: 49181
Ion Ratio Lower Upper
84 100
49 110.3 89.5 134.3
51 34.2 26.8 40.2
86 63.6 47.6 71.4

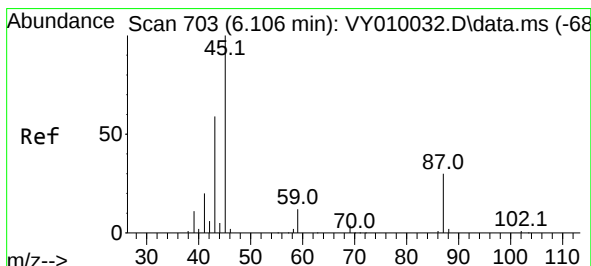
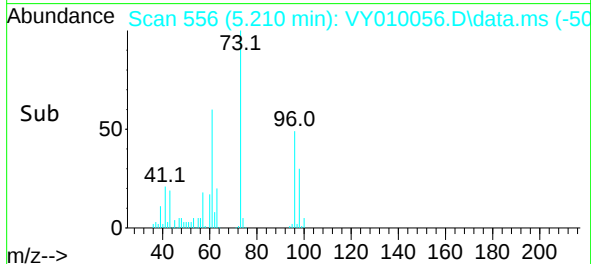
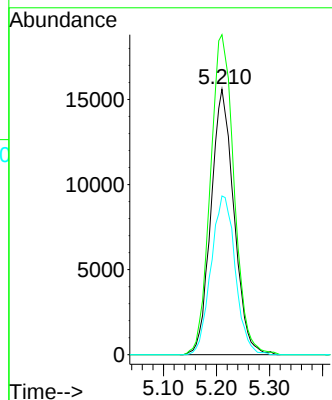
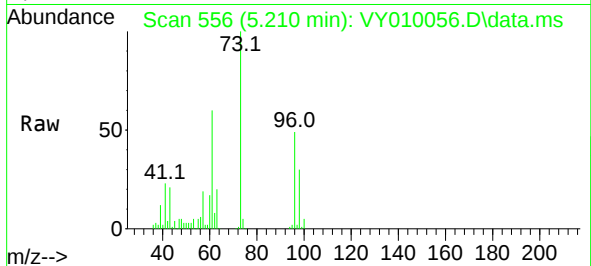




#21
trans-1,2-Dichloroethene
Concen: 48.039 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

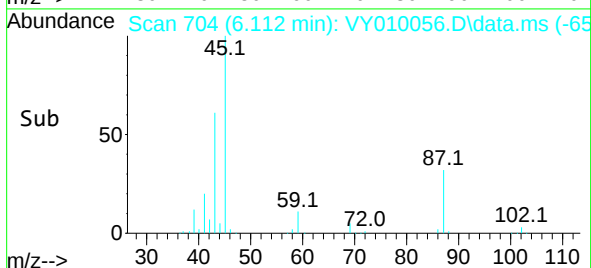
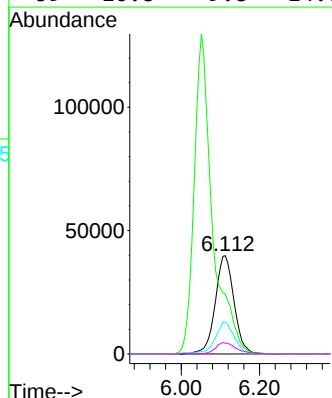
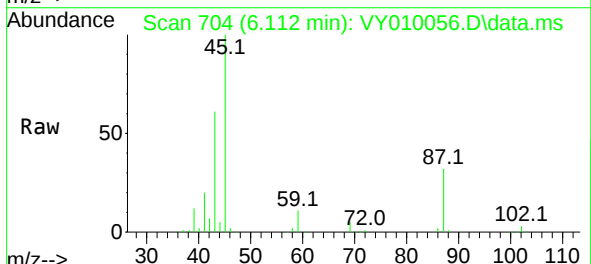
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

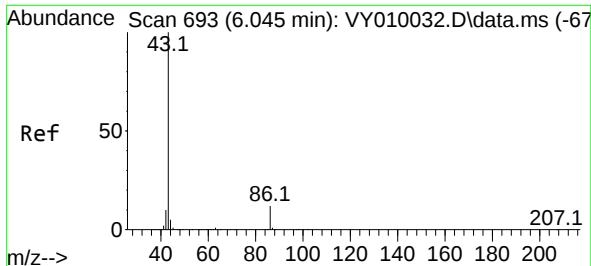
Tgt Ion: 96 Resp: 46884
Ion Ratio Lower Upper
96 100
61 120.5 96.8 145.2
98 59.8 51.0 76.4



#22
Diisopropyl ether
Concen: 54.187 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 45 Resp: 132921
Ion Ratio Lower Upper
45 100
43 60.6 47.5 71.3
87 32.1 24.4 36.6
59 10.8 9.8 14.6

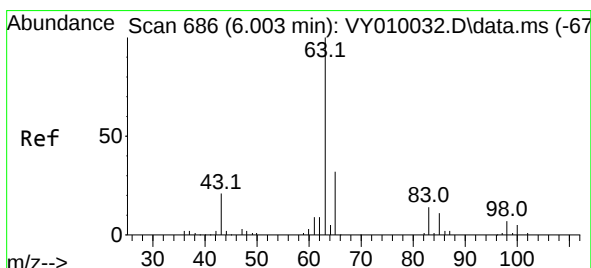
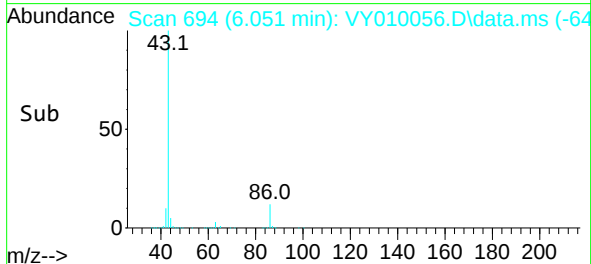
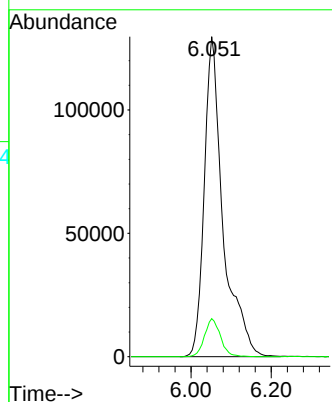
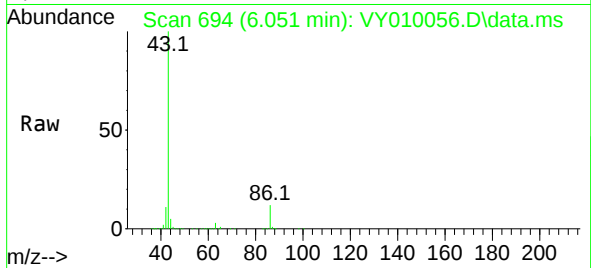




#23
 Vinyl Acetate
 Concen: 272.403 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY010056.D
 Acq: 17 Aug 2022 09:31

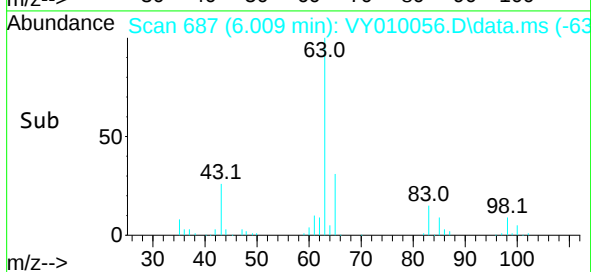
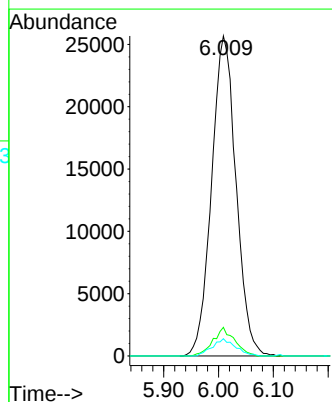
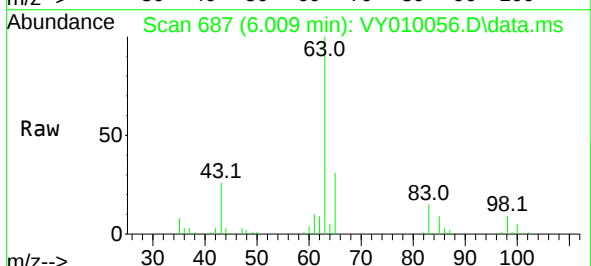
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

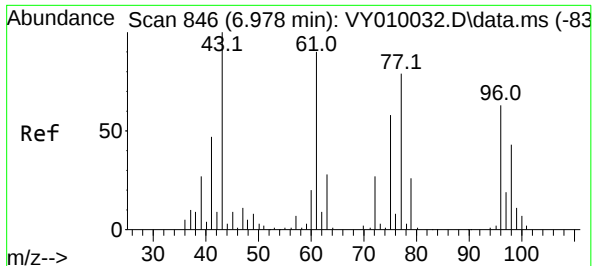
Tgt Ion: 43 Resp: 421647
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 51.068 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY010056.D
 Acq: 17 Aug 2022 09:31

Tgt Ion: 63 Resp: 79558
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.7 11.1
 100 5.4 2.3 6.8





#25

2-Butanone

Concen: 275.059 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

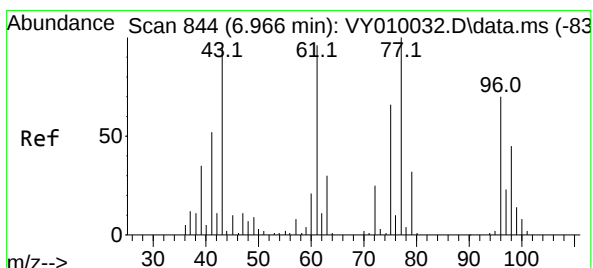
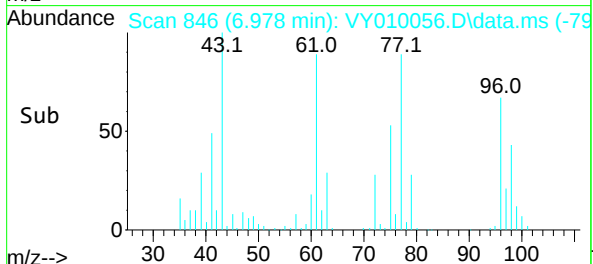
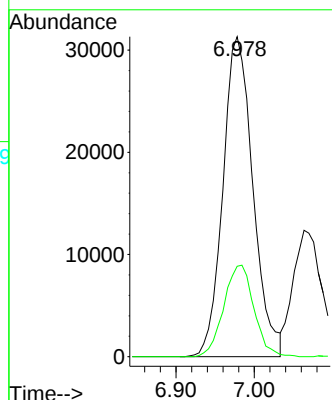
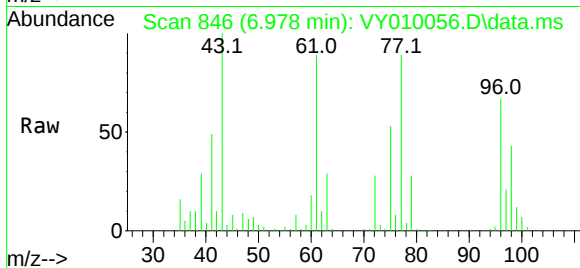
VSTDCCC050

Tgt Ion: 43 Resp: 83403

Ion Ratio Lower Upper

43 100

72 28.2 21.7 32.5



#26

2,2-Dichloropropane

Concen: 52.010 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY010056.D

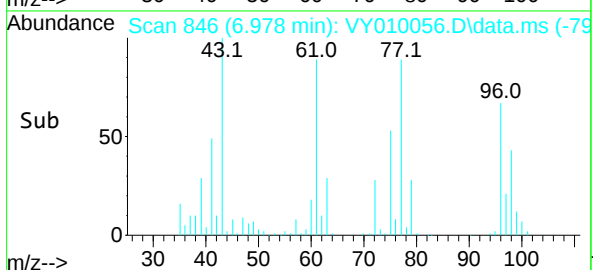
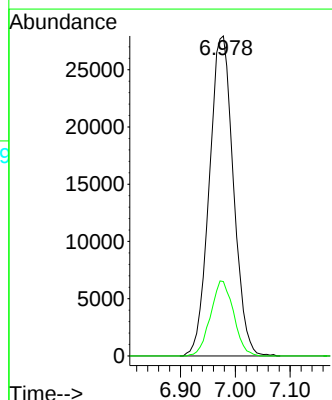
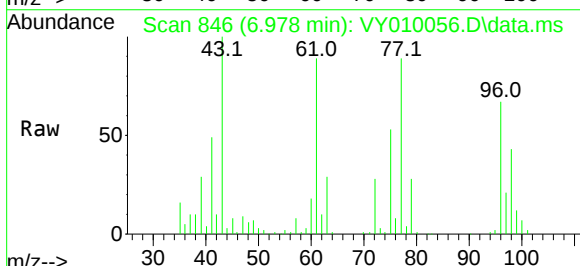
Acq: 17 Aug 2022 09:31

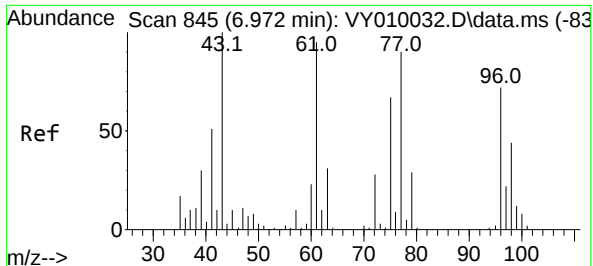
Tgt Ion: 77 Resp: 85153

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.115 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

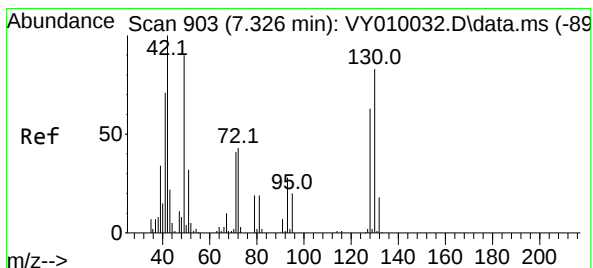
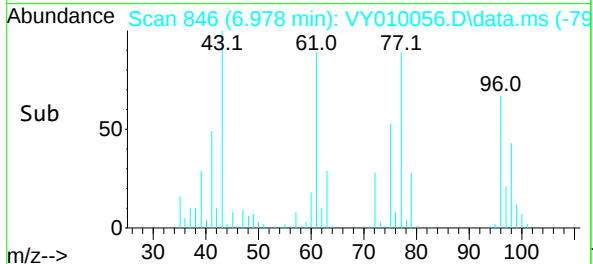
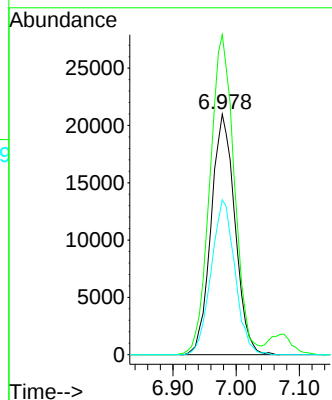
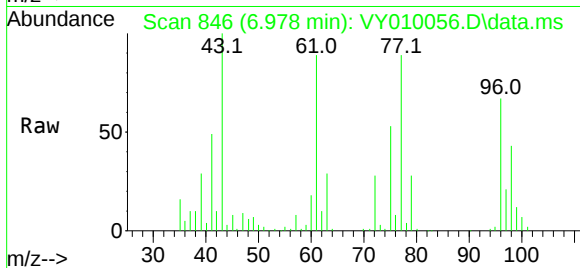
Tgt Ion: 96 Resp: 54858

Ion Ratio Lower Upper

96 100

61 136.4 0.0 276.0

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 48.362 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

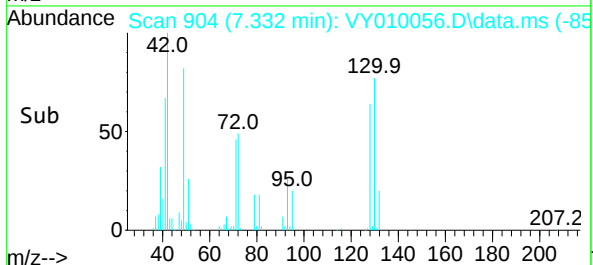
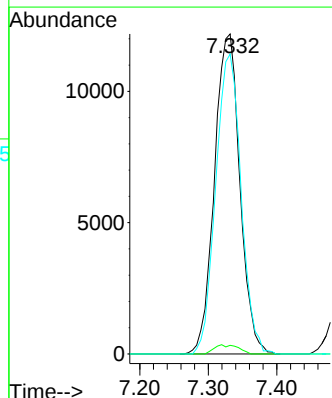
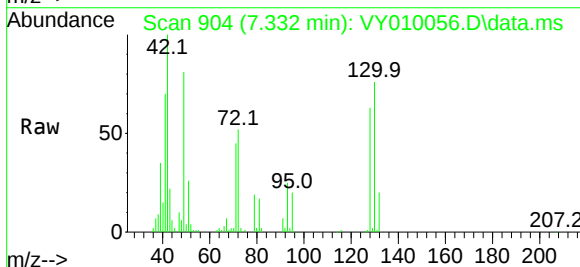
Tgt Ion: 49 Resp: 31351

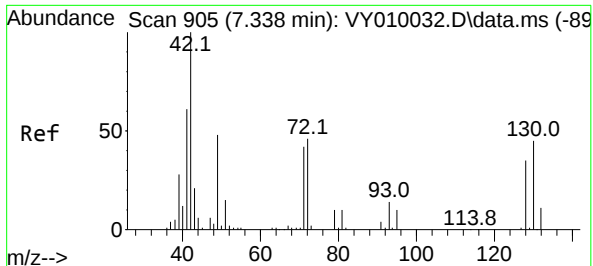
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

130 93.4 71.0 106.4





#29

Tetrahydrofuran

Concen: 239.501 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

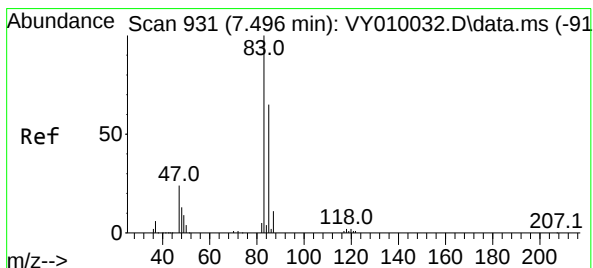
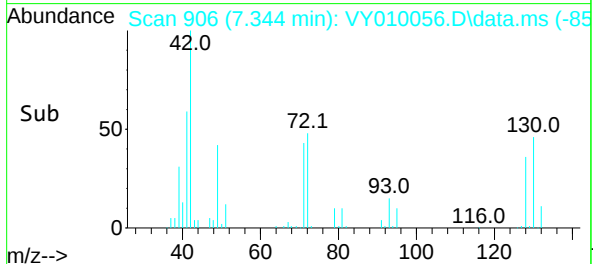
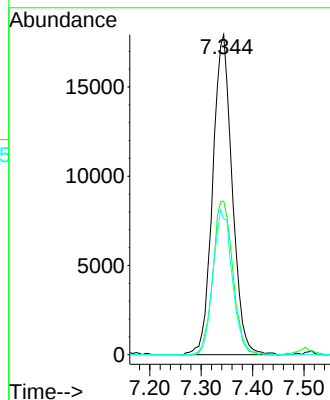
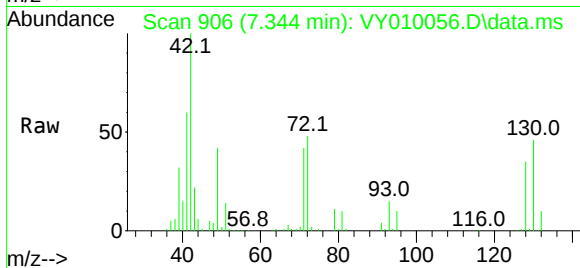
Tgt Ion: 42 Resp: 47170

Ion Ratio Lower Upper

42 100

72 48.6 36.5 54.7

71 45.1 33.4 50.2



#30

Chloroform

Concen: 50.097 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY010056.D

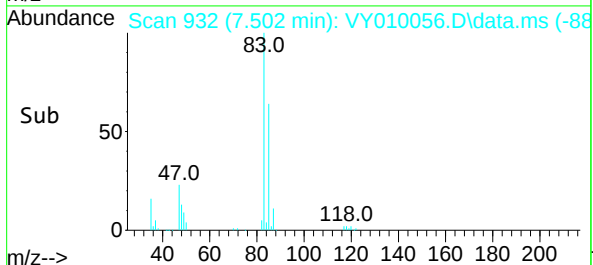
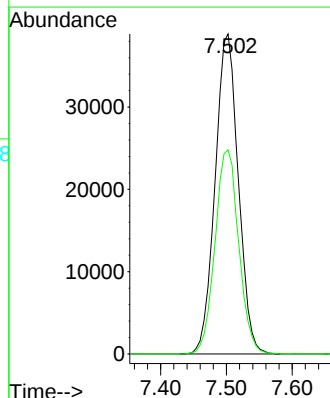
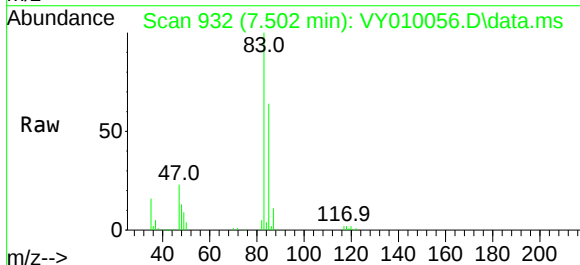
Acq: 17 Aug 2022 09:31

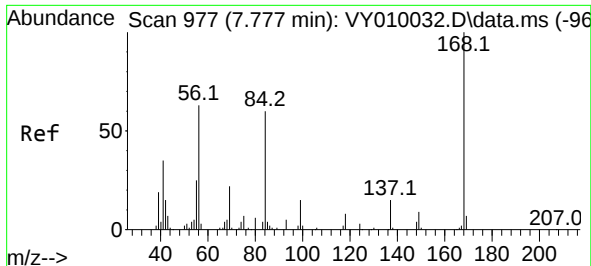
Tgt Ion: 83 Resp: 95445

Ion Ratio Lower Upper

83 100

85 63.8 51.9 77.9

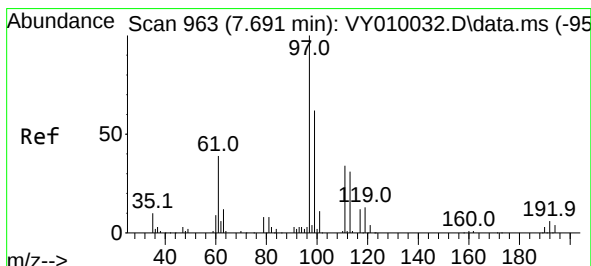
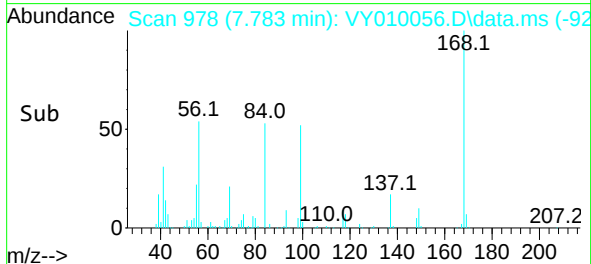
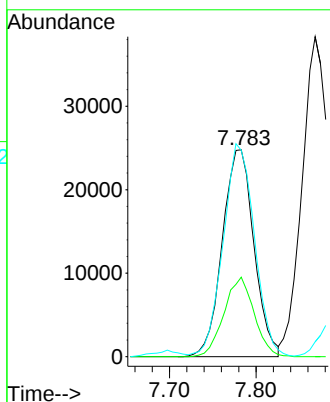
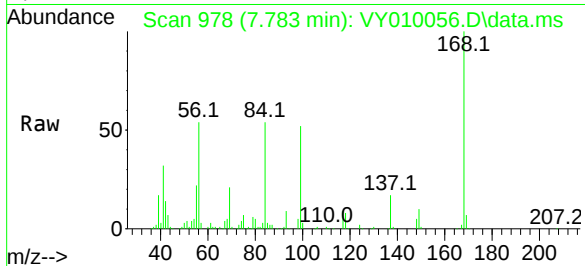




#31
Cyclohexane
Concen: 43.038 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

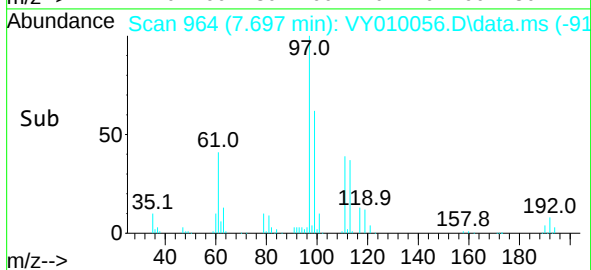
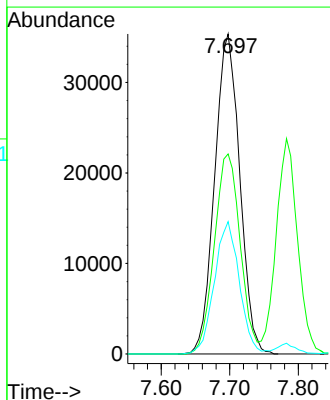
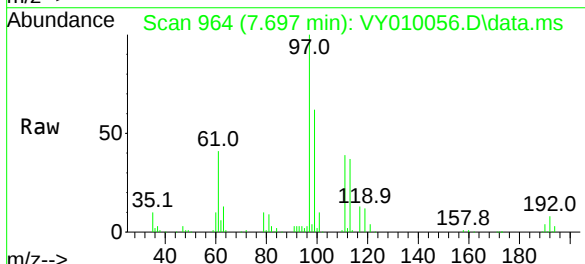
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

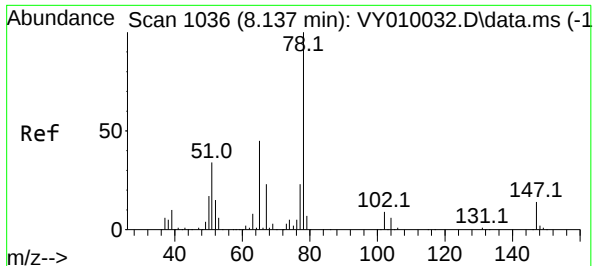
Tgt Ion: 56 Resp: 62927
Ion Ratio Lower Upper
56 100
69 38.4 28.6 43.0
84 97.9 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 52.045 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 97 Resp: 89886
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 41.3 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 46.799 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

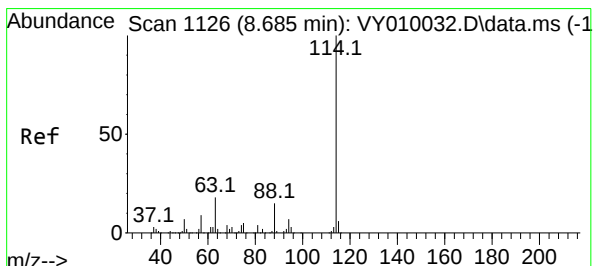
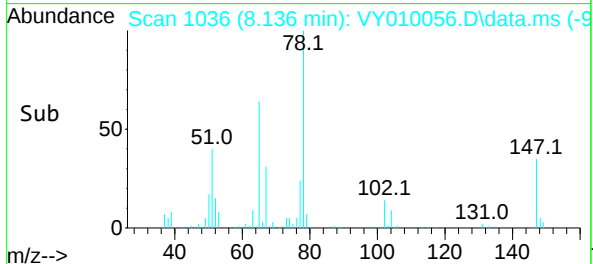
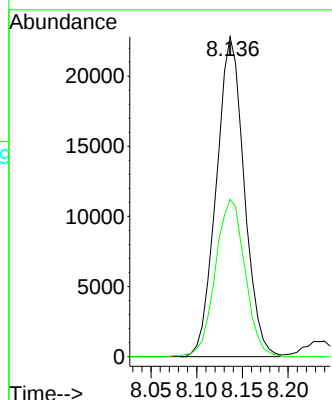
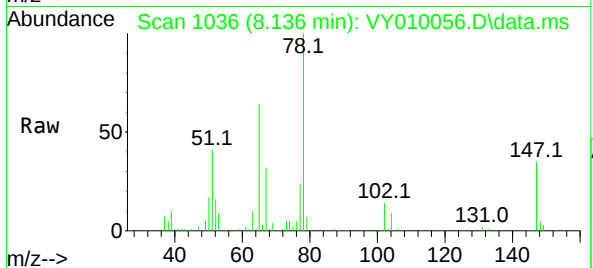
VSTDCCC050

Tgt Ion: 65 Resp: 48428

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

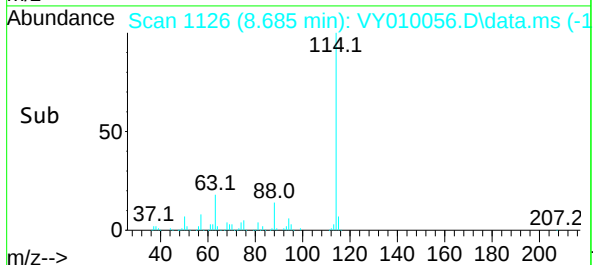
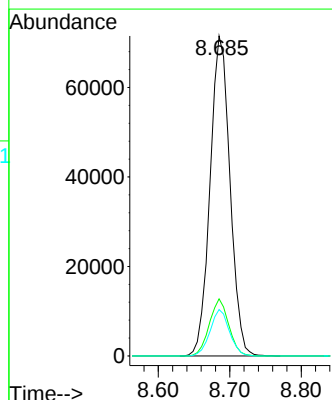
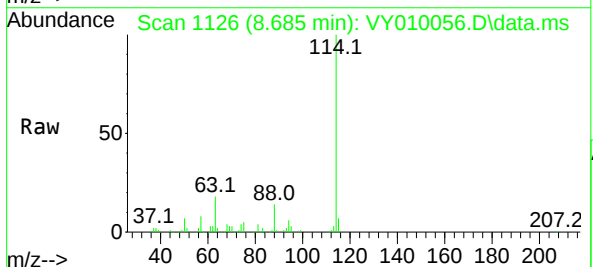
Tgt Ion: 114 Resp: 138440

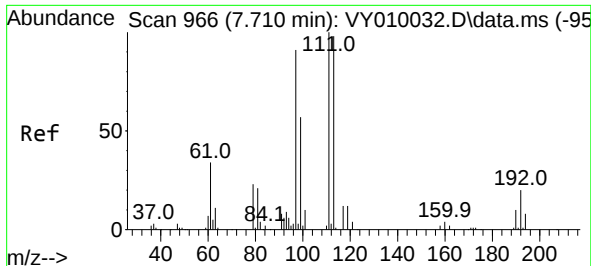
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

88 14.5 0.0 30.2

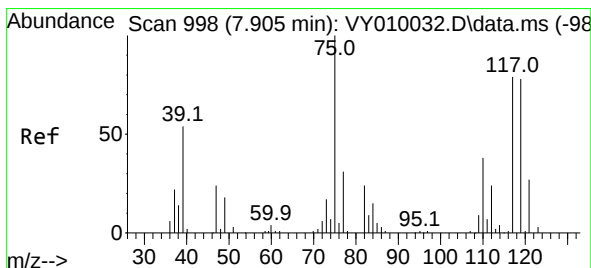
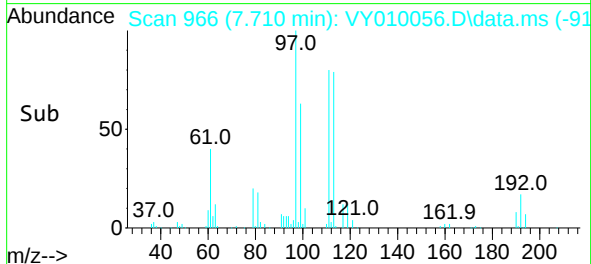
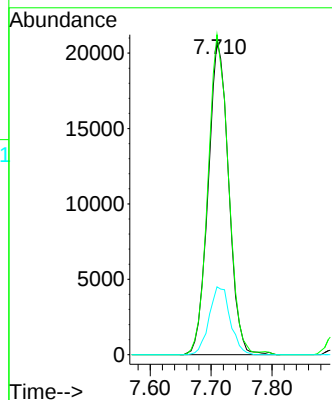
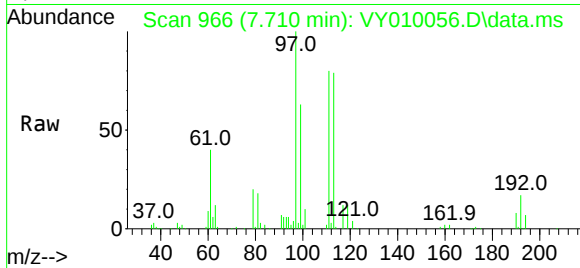




#35
Dibromofluoromethane
Concen: 53.952 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

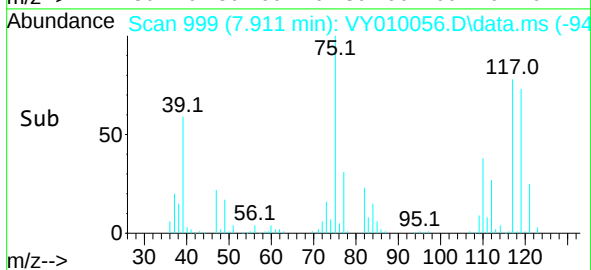
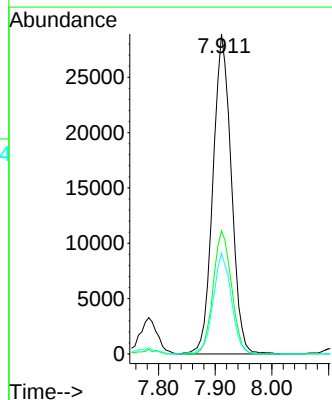
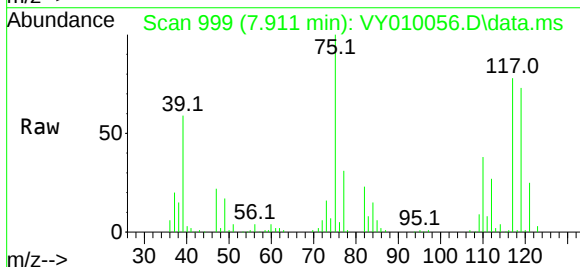
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

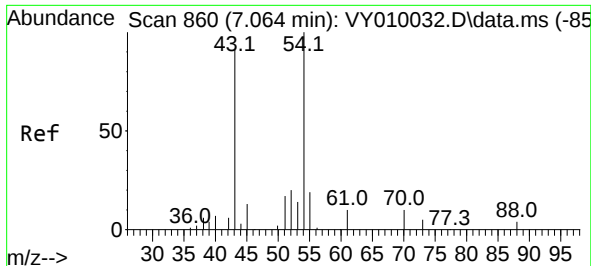
Tgt Ion:113 Resp: 48437
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 22.2 17.2 25.8



#36
1,1-Dichloropropene
Concen: 51.954 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 75 Resp: 64977
Ion Ratio Lower Upper
75 100
110 38.3 18.4 55.4
77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 51.262 ug/l

RT: 7.063 min Scan# 8

Delta R.T. -0.001 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

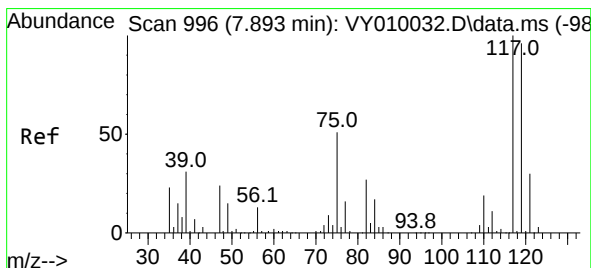
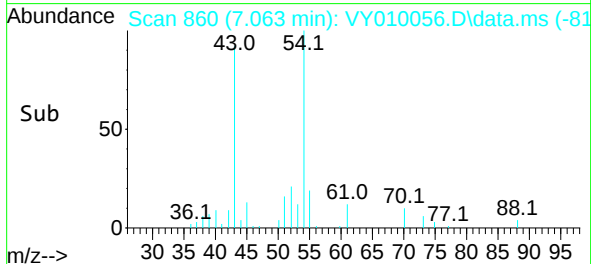
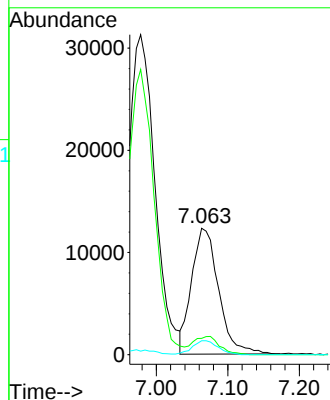
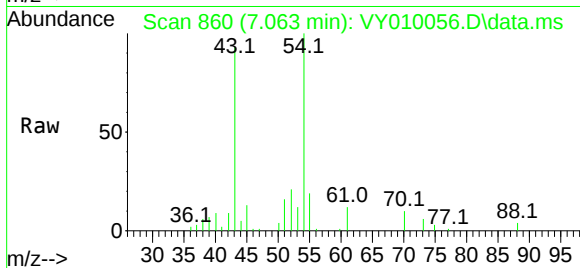
Tgt Ion: 43 Resp: 32285

Ion Ratio Lower Upper

43 100

61 14.4 9.6 14.4

70 10.6 7.9 11.9



#38

Carbon Tetrachloride

Concen: 56.594 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

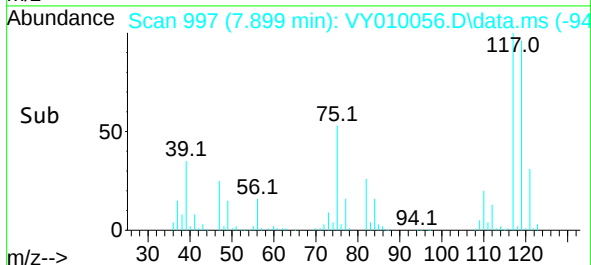
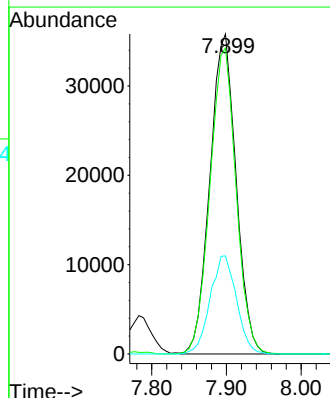
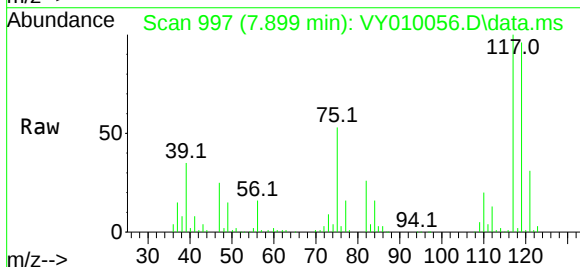
Tgt Ion: 117 Resp: 87048

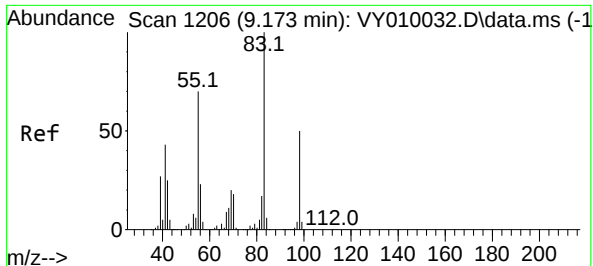
Ion Ratio Lower Upper

117 100

119 95.7 77.0 115.6

121 30.7 24.2 36.4





#39

Methylcyclohexane

Concen: 51.908 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

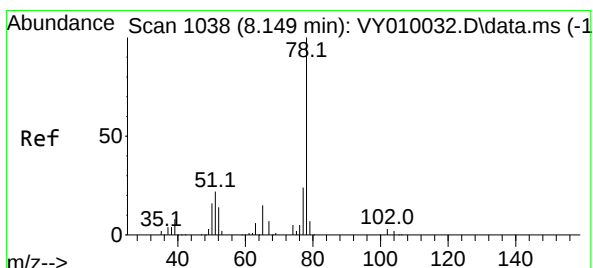
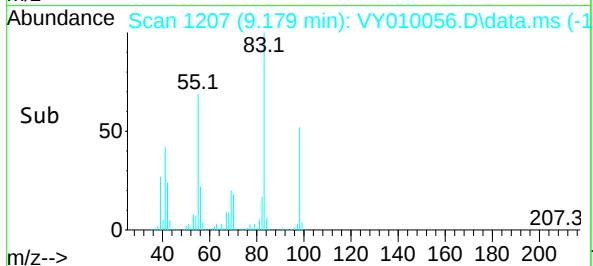
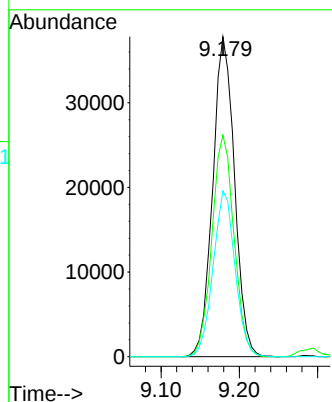
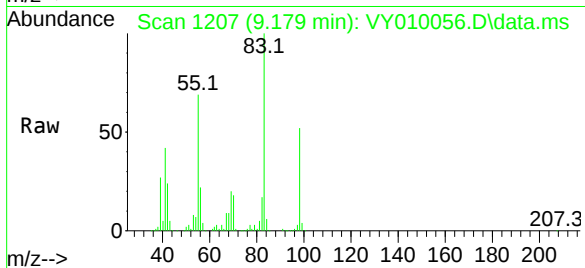
Tgt Ion: 83 Resp: 73143

Ion Ratio Lower Upper

83 100

55 69.3 56.3 84.5

98 51.8 39.8 59.8



#40

Benzene

Concen: 50.850 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010056.D

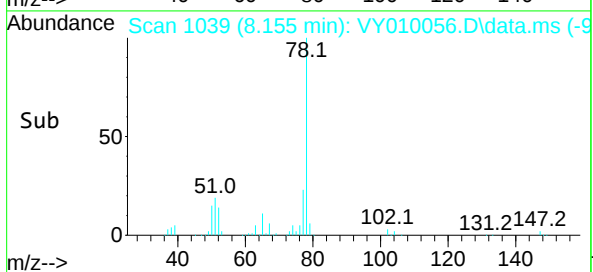
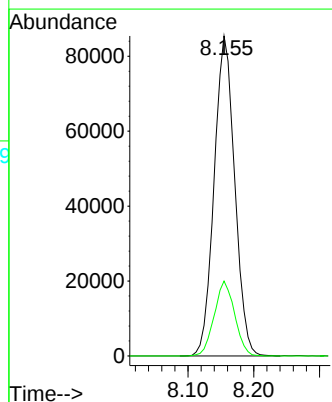
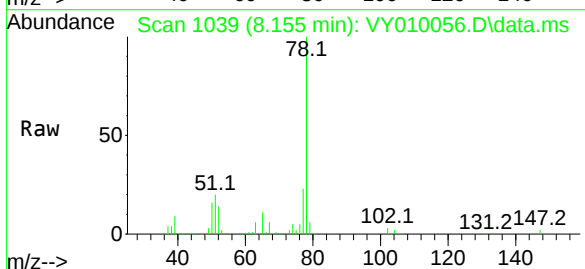
Acq: 17 Aug 2022 09:31

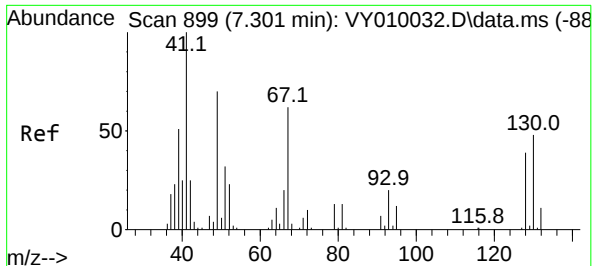
Tgt Ion: 78 Resp: 186049

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

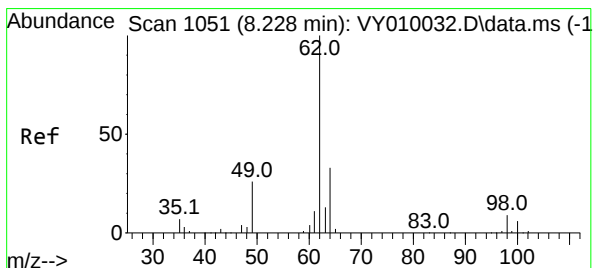
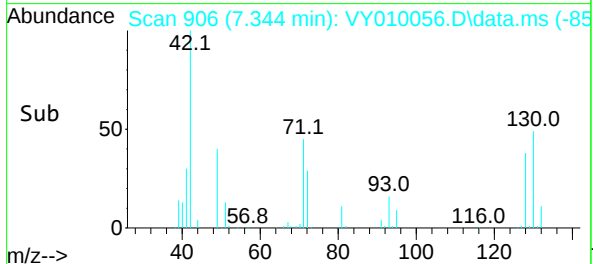
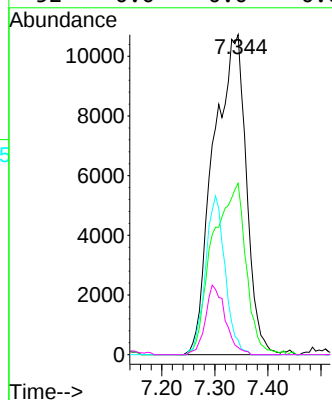
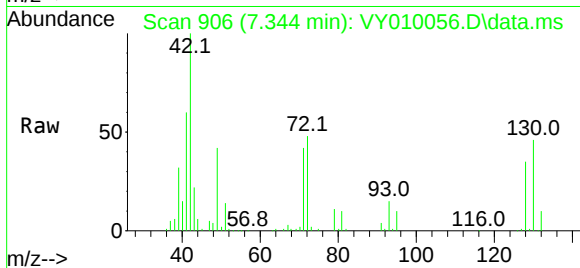




#41
Methacrylonitrile
Concen: 141.440 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

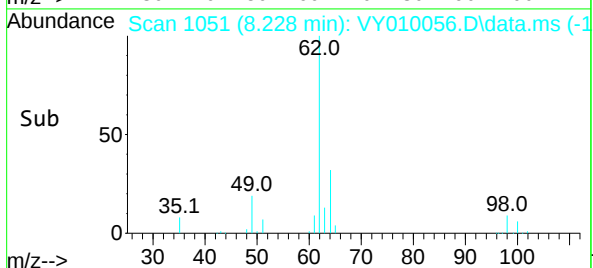
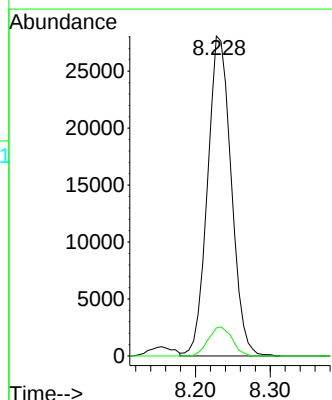
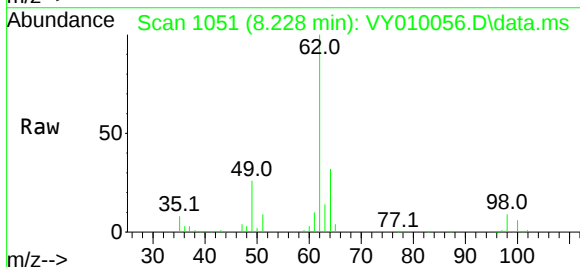
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

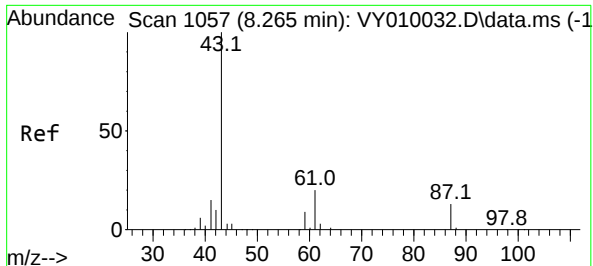
Tgt Ion:	41	Resp:	46013
Ion Ratio	Lower	Upper	
41	100		
39	54.4	59.4	89.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 54.276 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion:	62	Resp:	61877
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	19.0

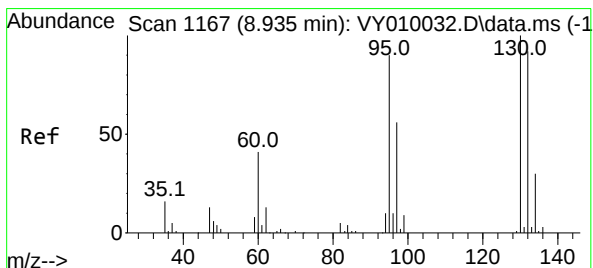
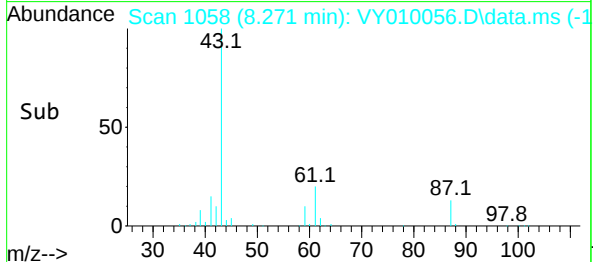
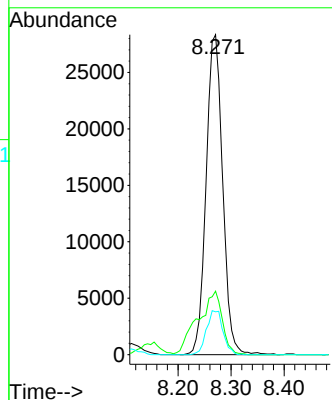
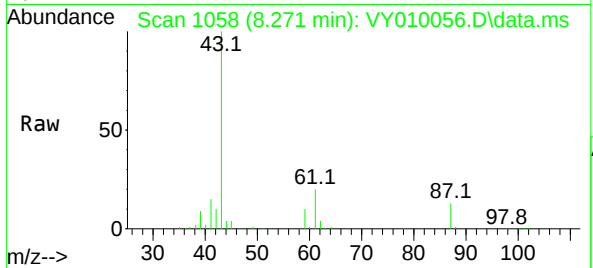




#43
Isopropyl Acetate
Concen: 51.388 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

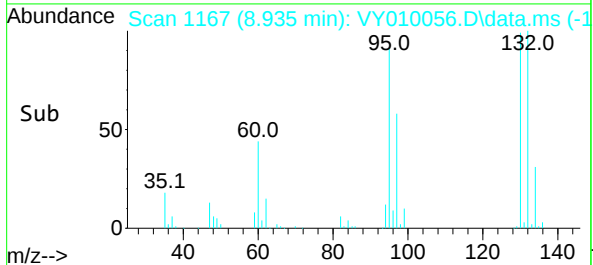
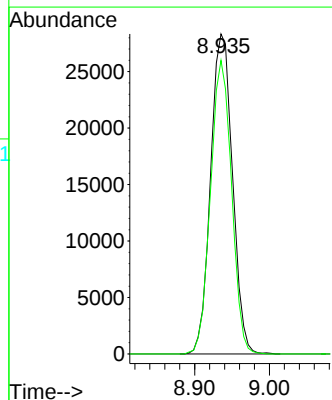
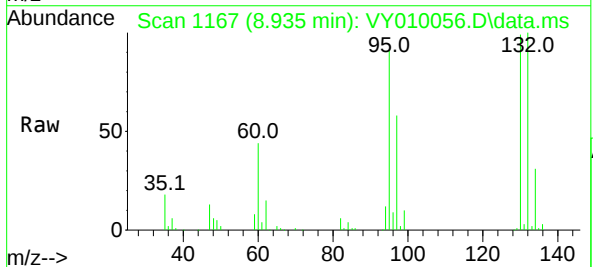
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

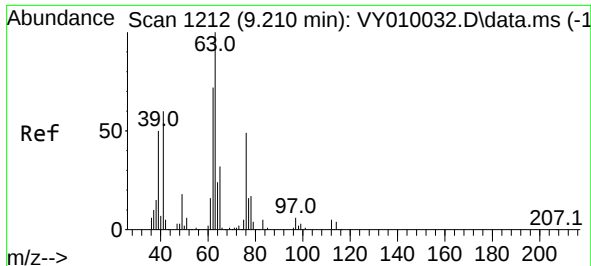
Tgt Ion: 43 Resp: 61433
Ion Ratio Lower Upper
43 100
61 29.3 23.0 34.6
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 52.133 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 130 Resp: 57653
Ion Ratio Lower Upper
130 100
95 91.8 0.0 180.0





#45

1,2-Dichloropropane

Concen: 50.982 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.001 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

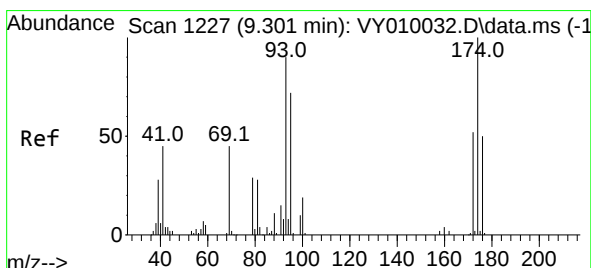
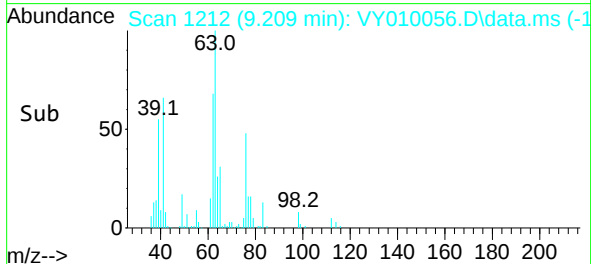
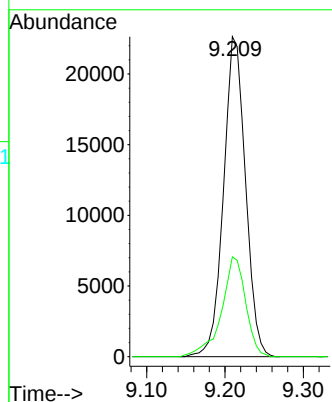
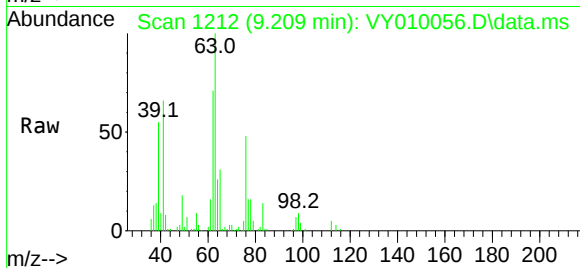
VSTDCCC050

Tgt Ion: 63 Resp: 44105

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.0



#46

Dibromomethane

Concen: 53.738 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

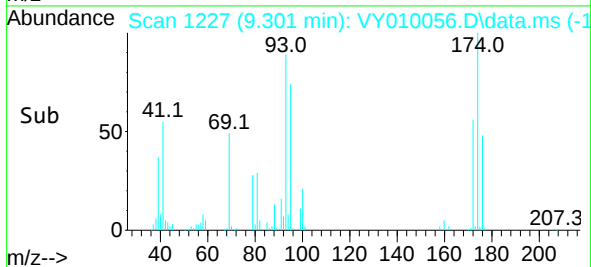
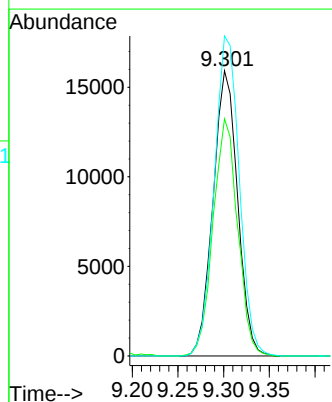
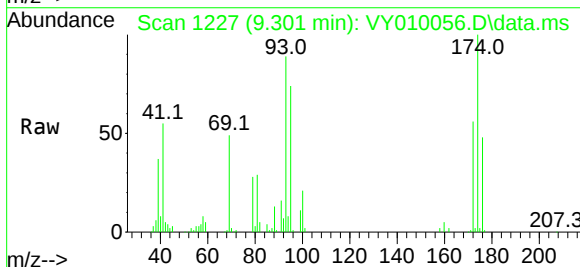
Tgt Ion: 93 Resp: 29775

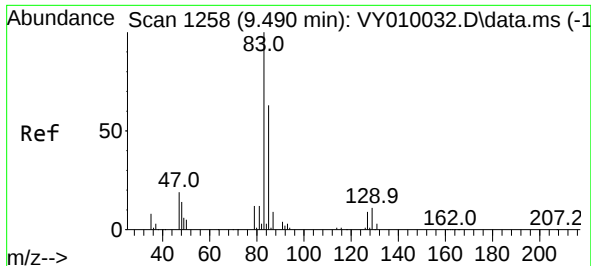
Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

174 114.6 89.5 134.3

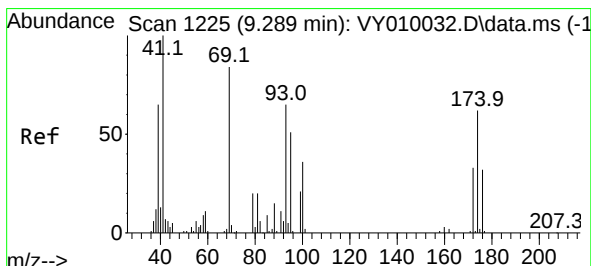
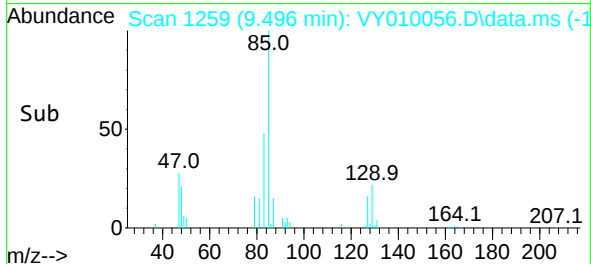
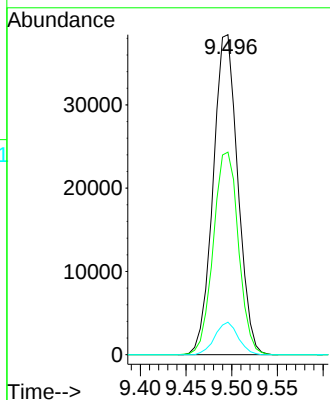
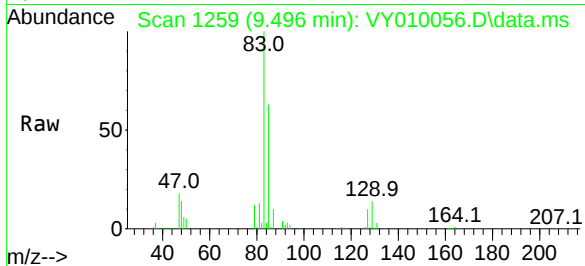




#47
Bromodichloromethane
Concen: 54.089 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

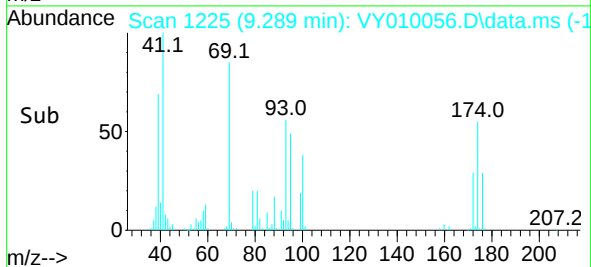
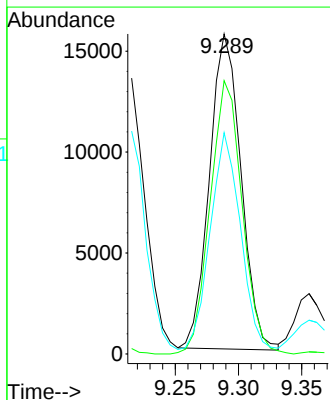
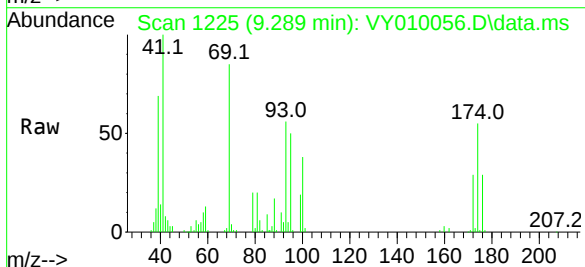
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

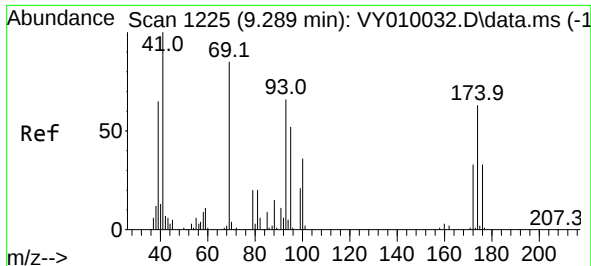
Tgt Ion: 83 Resp: 72290
Ion Ratio Lower Upper
83 100
85 63.3 50.4 75.6
127 10.2 6.8 10.2



#48
Methyl methacrylate
Concen: 52.093 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 41 Resp: 27097
Ion Ratio Lower Upper
41 100
69 88.0 69.1 103.7
39 69.1 51.5 77.3





#49

1,4-Dioxane

Concen: 1218.605 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

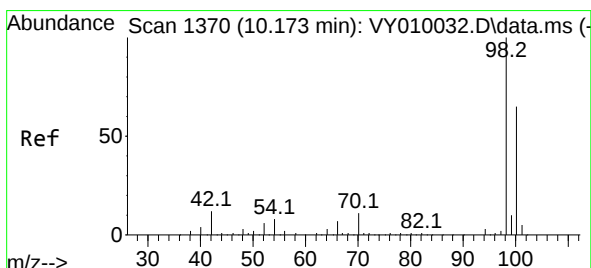
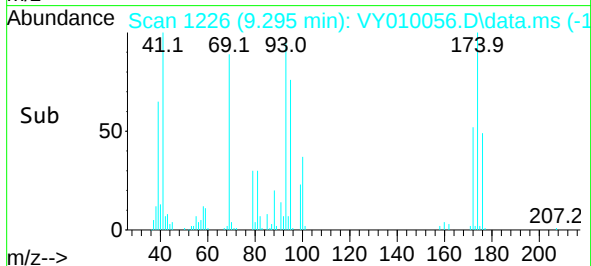
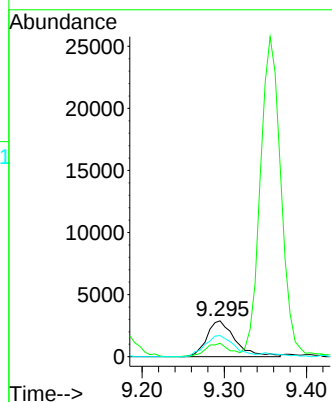
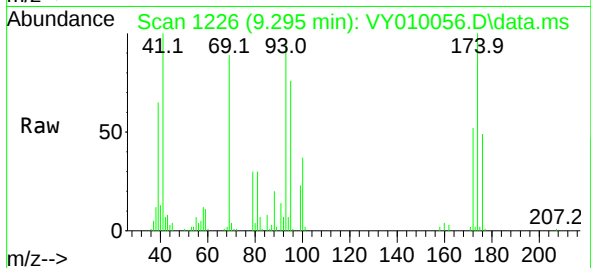
Tgt Ion: 88 Resp: 6942

Ion Ratio Lower Upper

88 100

43 32.2 28.2 42.4

58 60.5 47.2 70.8



#50

Toluene-d8

Concen: 51.923 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010056.D

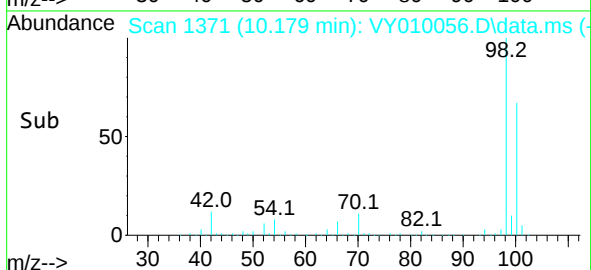
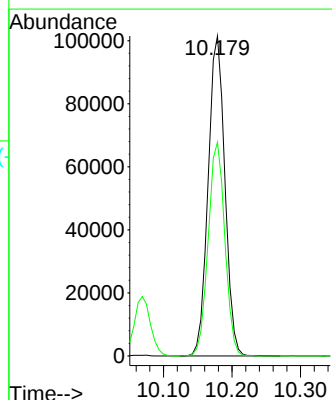
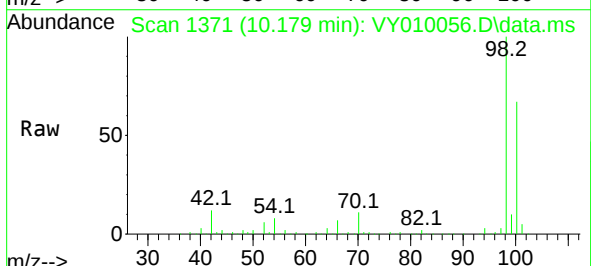
Acq: 17 Aug 2022 09:31

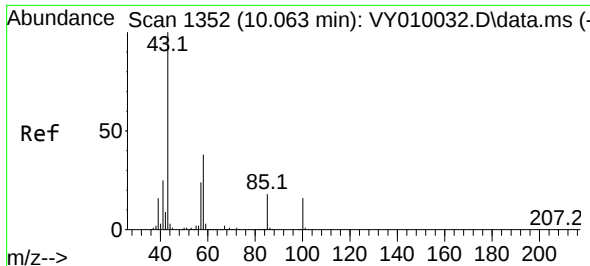
Tgt Ion: 98 Resp: 172466

Ion Ratio Lower Upper

98 100

100 66.5 52.1 78.1

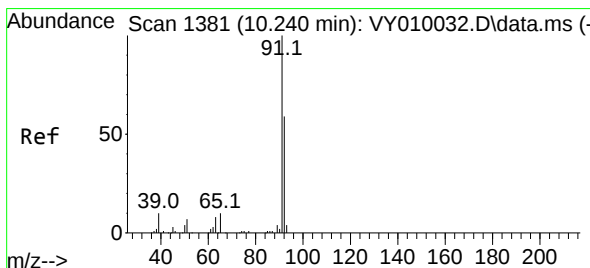
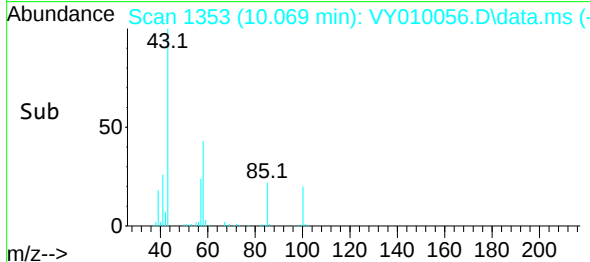
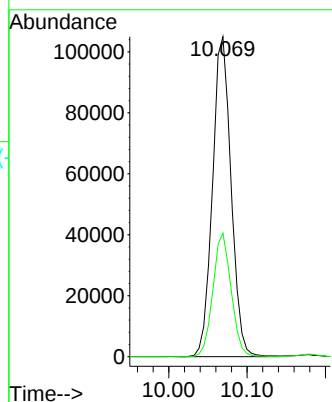
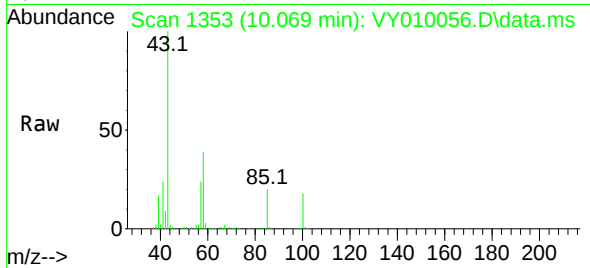




#51
4-Methyl-2-Pentanone
Concen: 262.507 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

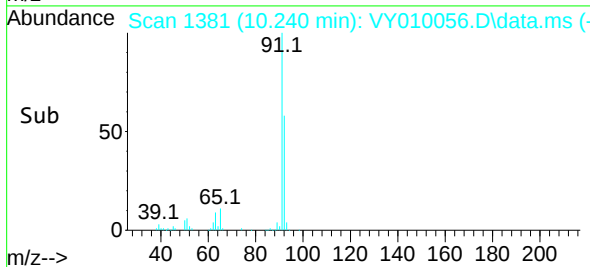
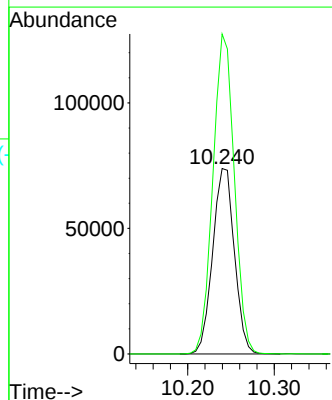
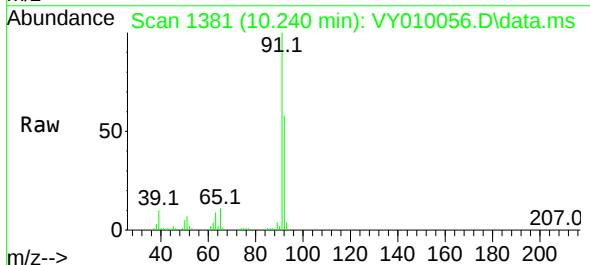
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

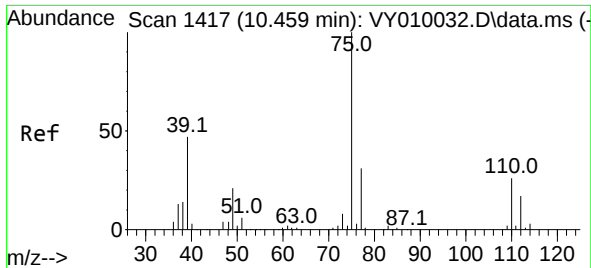
Tgt Ion: 43 Resp: 173137
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.8



#52
Toluene
Concen: 54.693 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 92 Resp: 128977
Ion Ratio Lower Upper
92 100
91 169.8 137.6 206.4

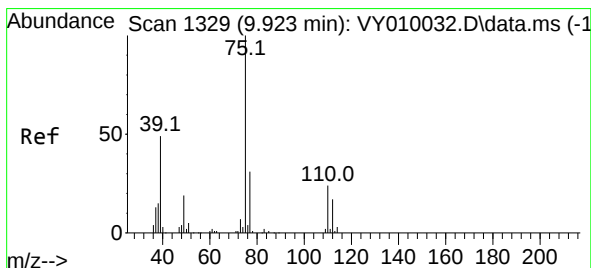
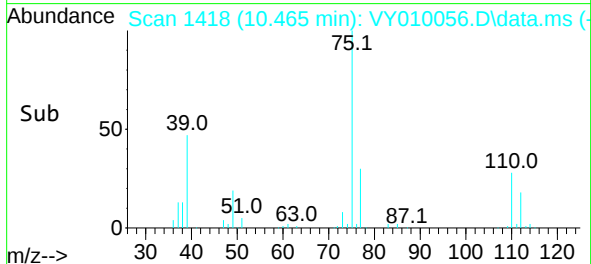
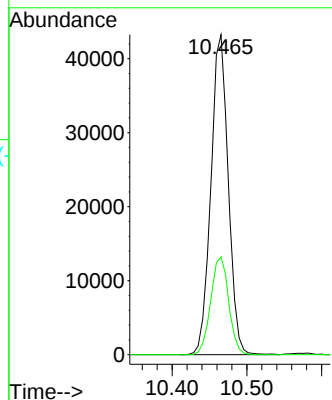
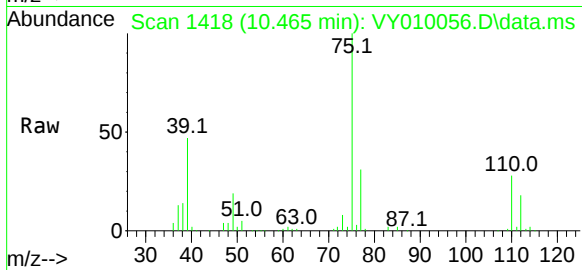




#53
t-1,3-Dichloropropene
Concen: 54.280 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

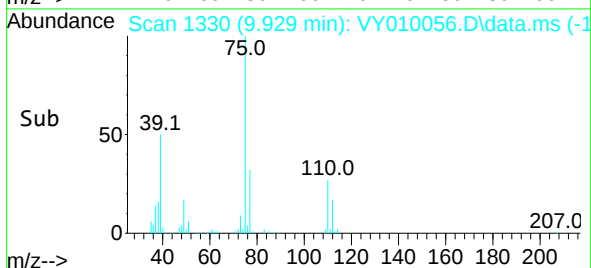
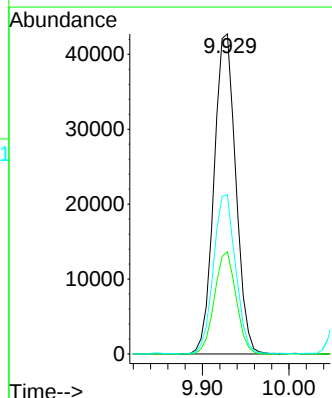
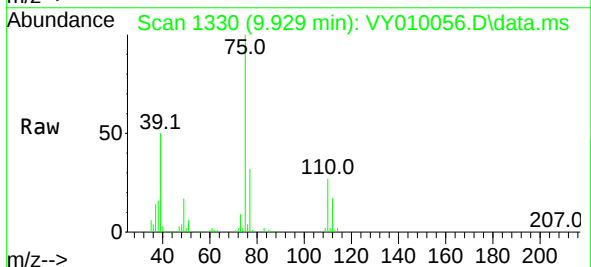
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

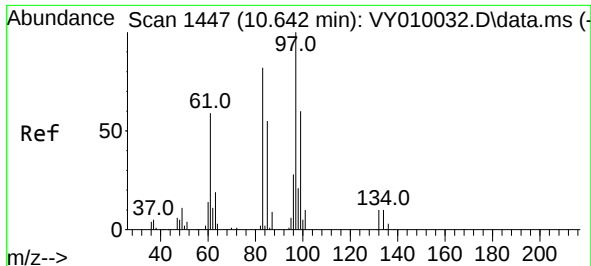
Tgt Ion: 75 Resp: 69864
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.030 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 75 Resp: 74661
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 49.8 39.2 58.8

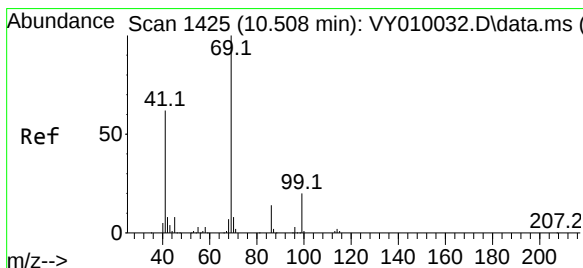
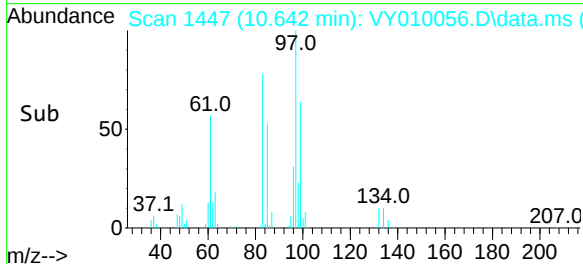
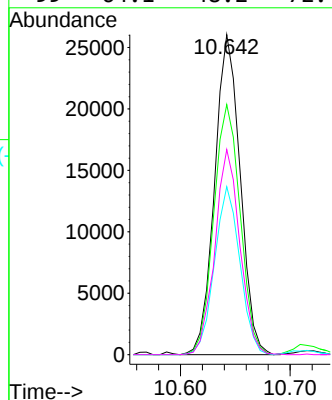
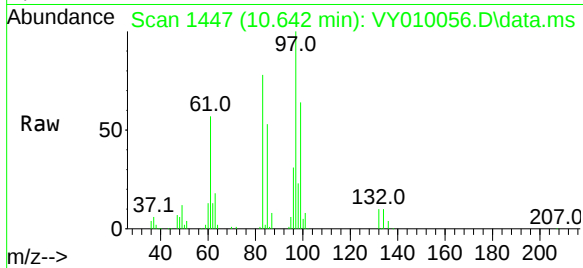




#55
1,1,2-Trichloroethane
Concen: 55.178 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

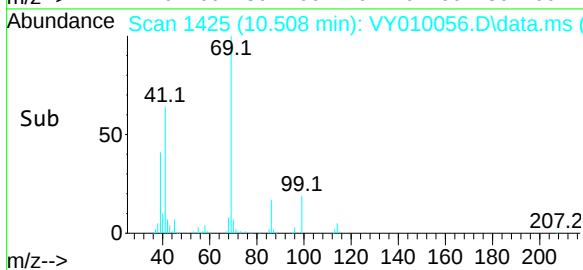
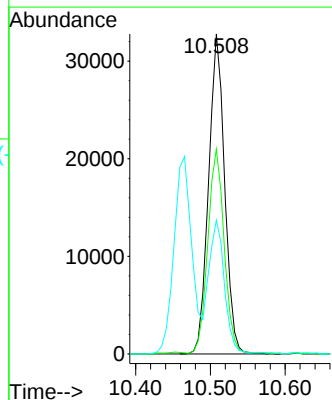
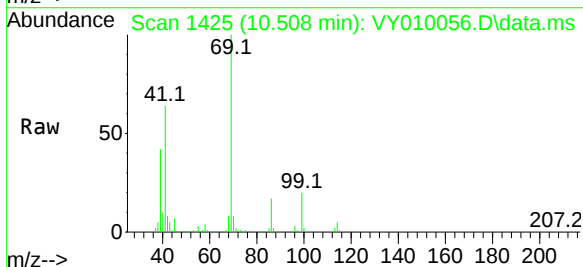
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

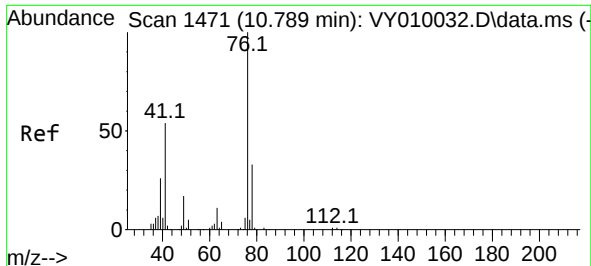
Tgt Ion: 97	Resp: 42228
Ion Ratio	Lower Upper
97 100	
83 78.2	65.9 98.9
85 52.5	44.2 66.2
99 64.1	48.2 72.4



#56
Ethyl methacrylate
Concen: 55.304 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 69	Resp: 48917
Ion Ratio	Lower Upper
69 100	
41 65.7	52.8 79.2
39 39.4	32.4 48.6





#57

1,3-Dichloropropane

Concen: 53.283 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

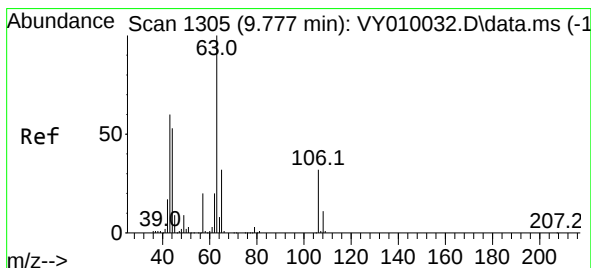
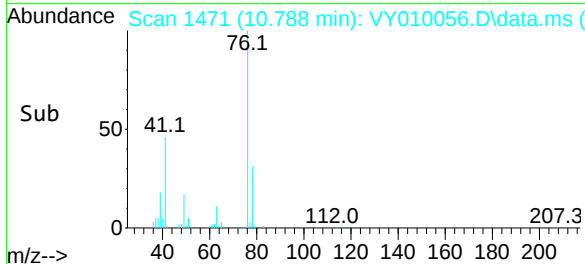
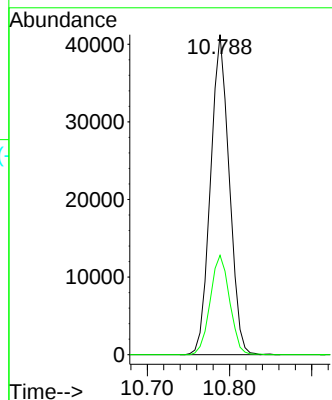
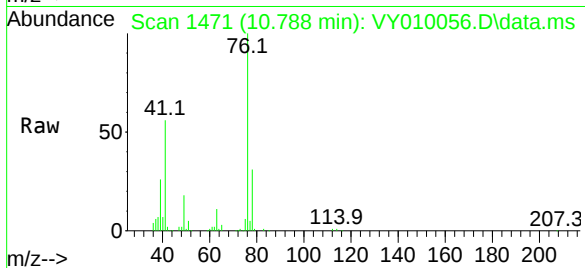
VSTDCCC050

Tgt Ion: 76 Resp: 65282

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 222.157 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.005 min

Lab File: VY010056.D

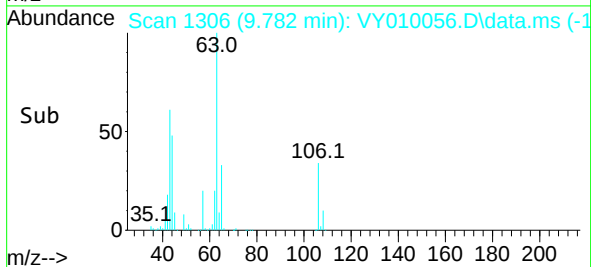
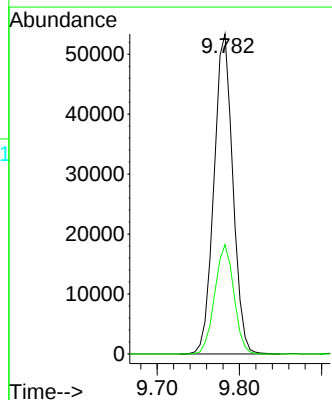
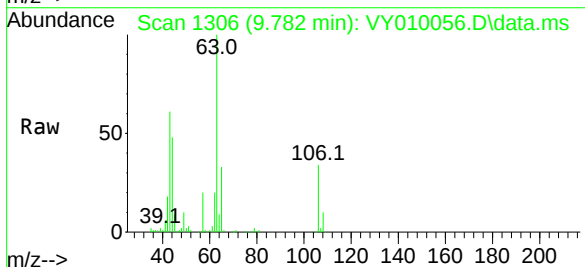
Acq: 17 Aug 2022 09:31

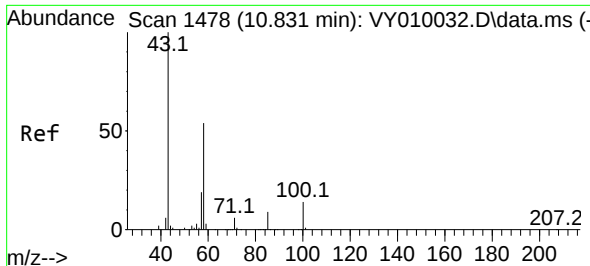
Tgt Ion: 63 Resp: 85038

Ion Ratio Lower Upper

63 100

106 34.6 25.7 38.5

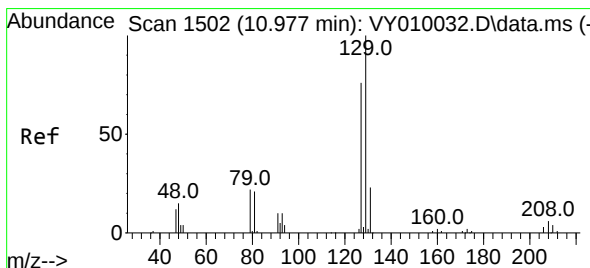
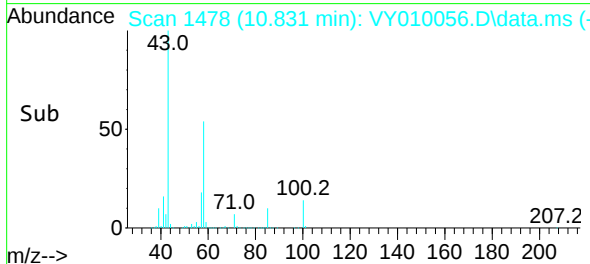
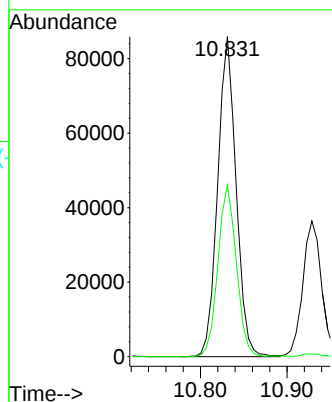
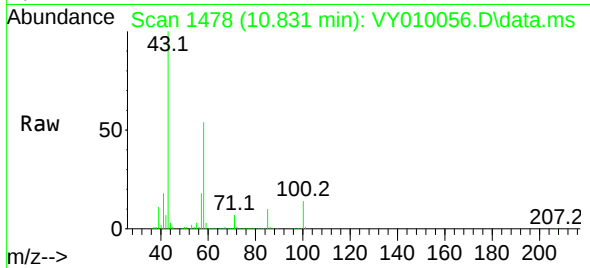




#59
2-Hexanone
Concen: 245.858 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

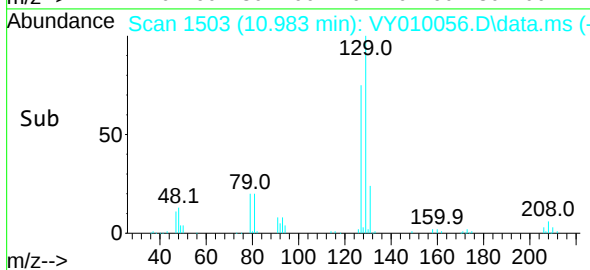
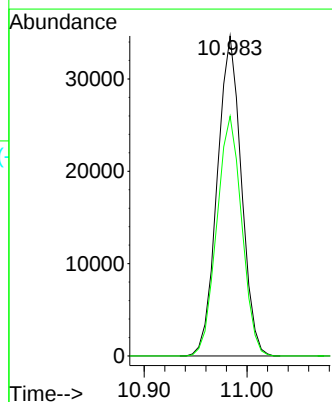
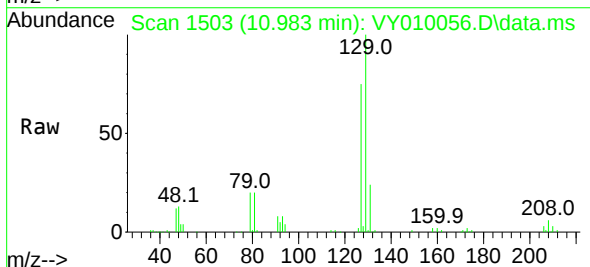
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

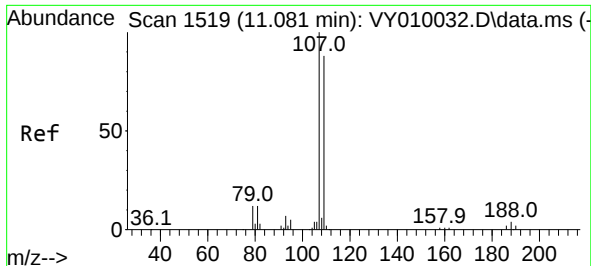
Tgt Ion: 43 Resp: 126913
Ion Ratio Lower Upper
43 100
58 53.7 26.3 78.9



#60
Dibromochloromethane
Concen: 55.625 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 129 Resp: 56386
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.5

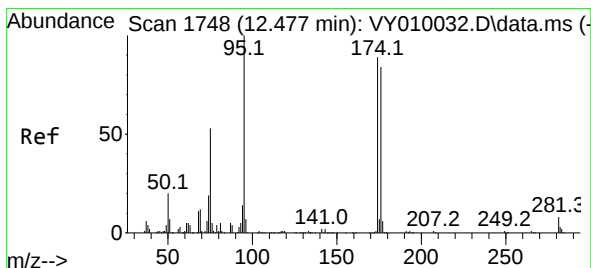
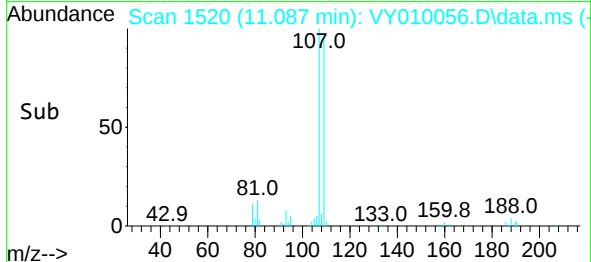
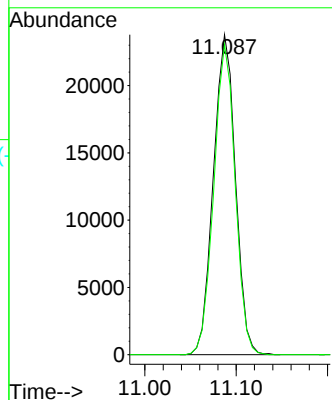
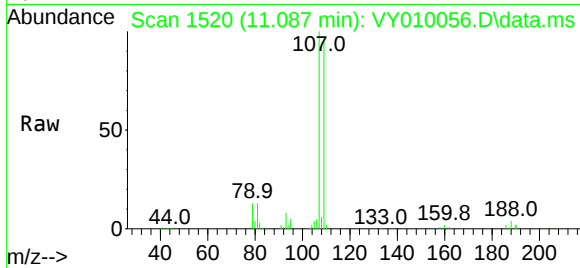




#61
1,2-Dibromoethane
Concen: 53.422 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

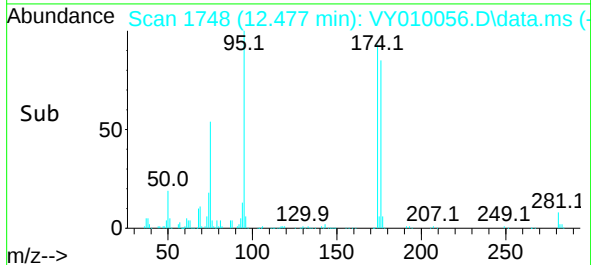
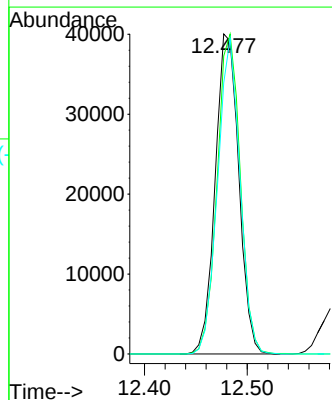
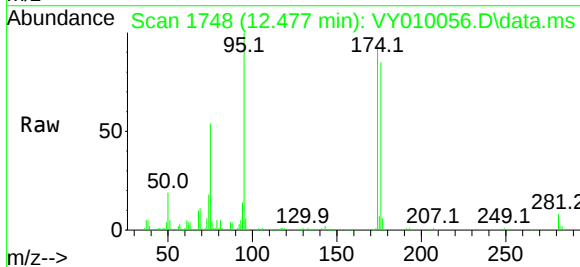
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

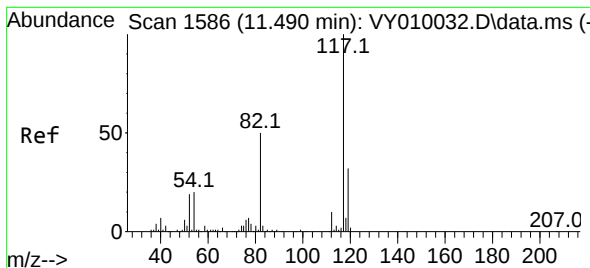
Tgt Ion:107 Resp: 39844
Ion Ratio Lower Upper
107 100
109 94.2 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 54.523 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 95 Resp: 63609
Ion Ratio Lower Upper
95 100
174 98.1 0.0 184.2
176 93.6 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

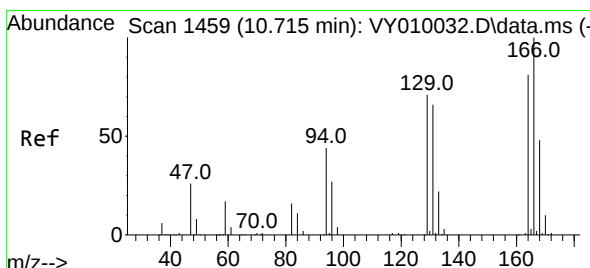
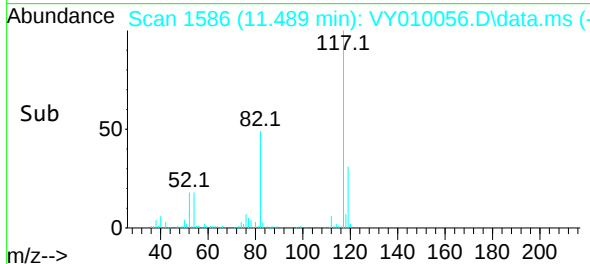
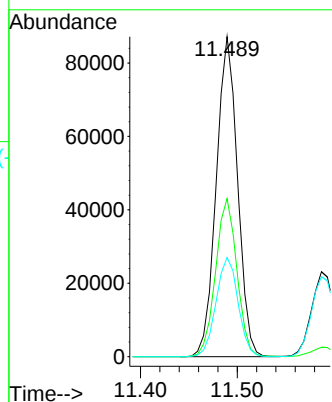
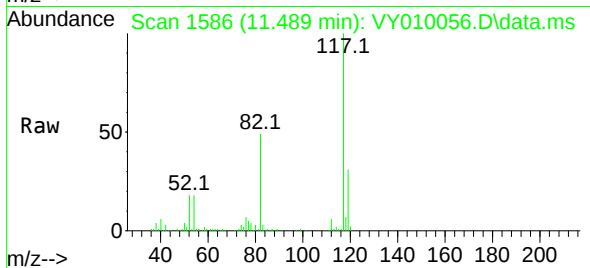
Tgt Ion:117 Resp: 133280

Ion Ratio Lower Upper

117 100

82 49.4 39.8 59.6

119 31.0 25.6 38.4



#64

Tetrachloroethene

Concen: 53.431 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Tgt Ion:164 Resp: 60809

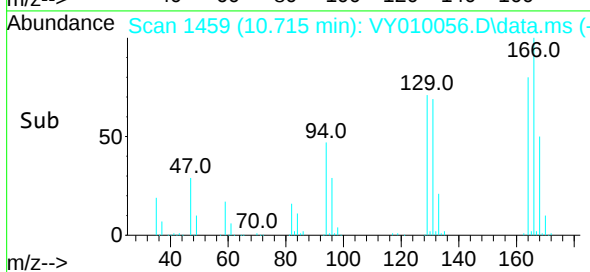
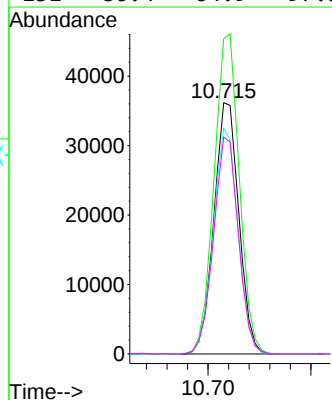
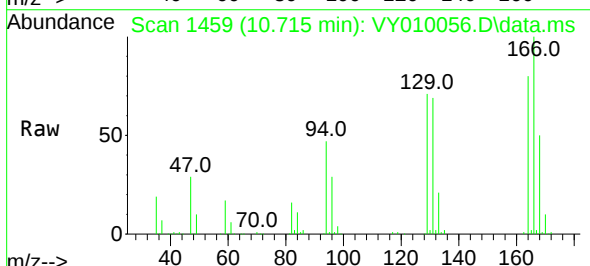
Ion Ratio Lower Upper

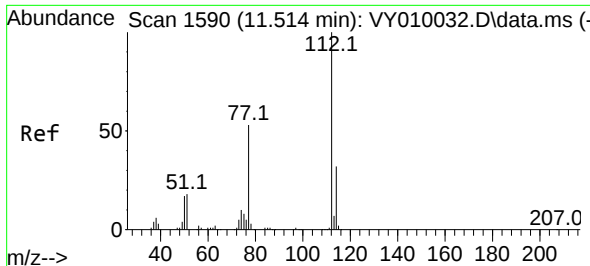
164 100

166 125.6 98.8 148.2

129 89.8 70.1 105.1

131 86.4 64.9 97.3

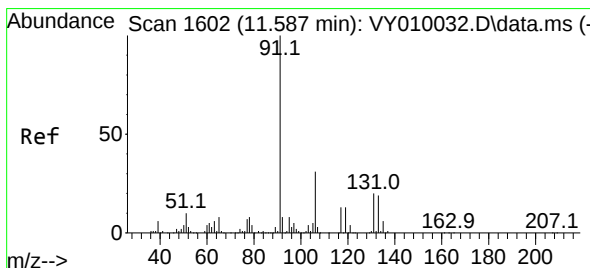
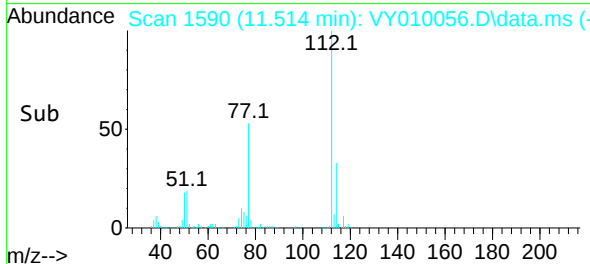
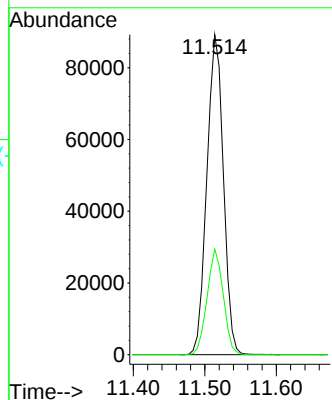
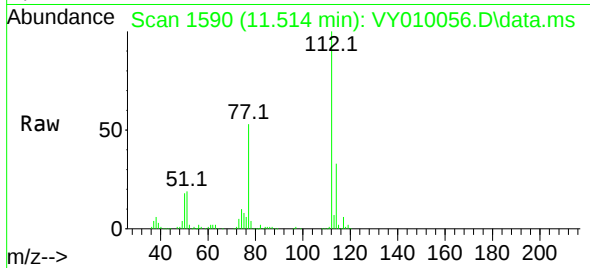




#65
Chlorobenzene
Concen: 51.631 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

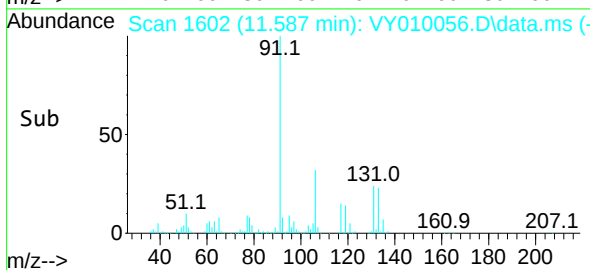
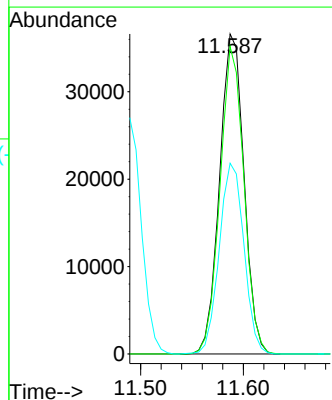
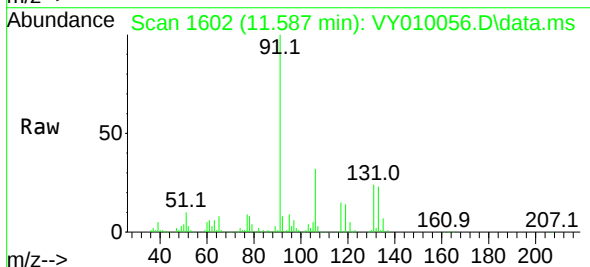
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

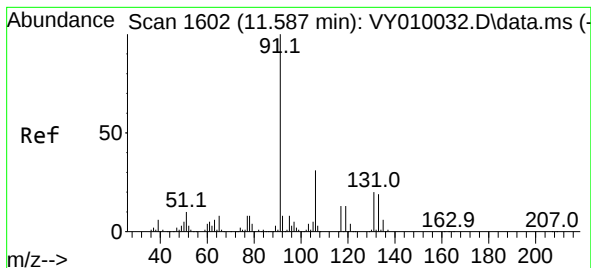
Tgt Ion:112 Resp: 143444
Ion Ratio Lower Upper
112 100
114 33.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.692 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion:131 Resp: 60207
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.0
119 60.4 30.9 92.7





#67

Ethyl Benzene

Concen: 53.604 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

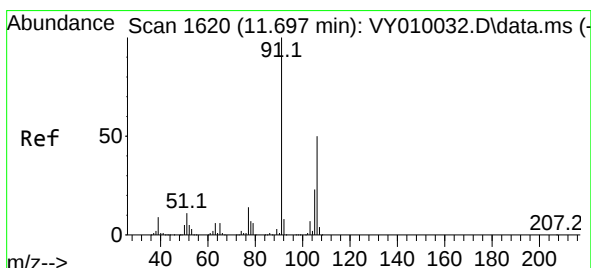
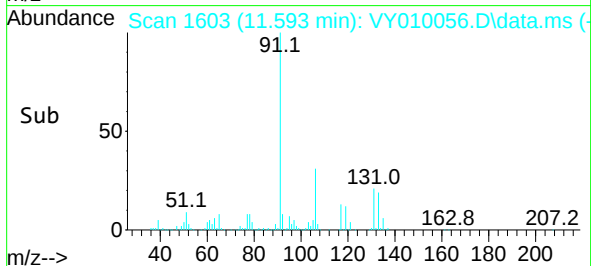
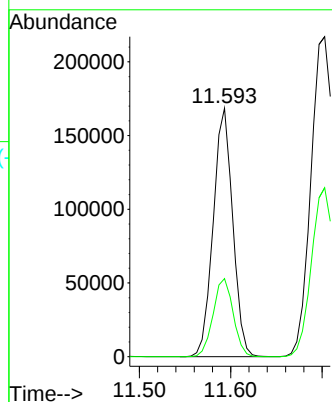
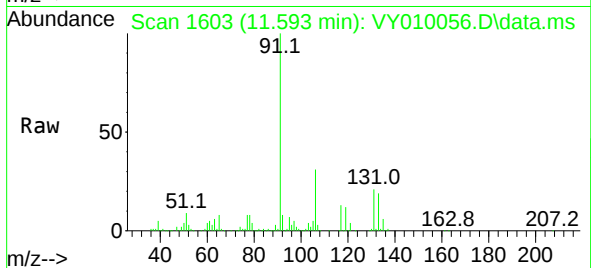
VSTDCCC050

Tgt Ion: 91 Resp: 249684

Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2



#68

m/p-Xylenes

Concen: 111.010 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010056.D

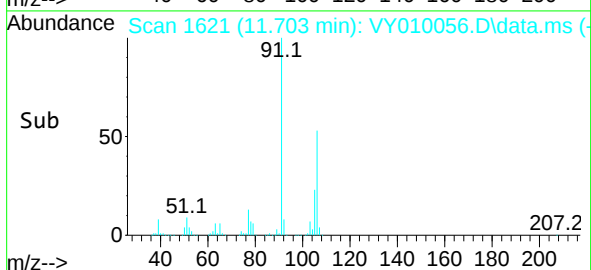
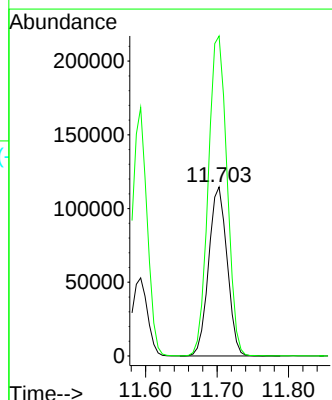
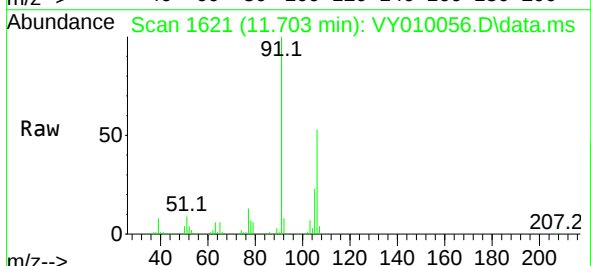
Acq: 17 Aug 2022 09:31

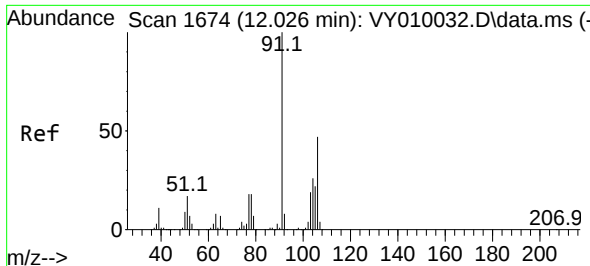
Tgt Ion: 106 Resp: 205410

Ion Ratio Lower Upper

106 100

91 192.5 158.2 237.2

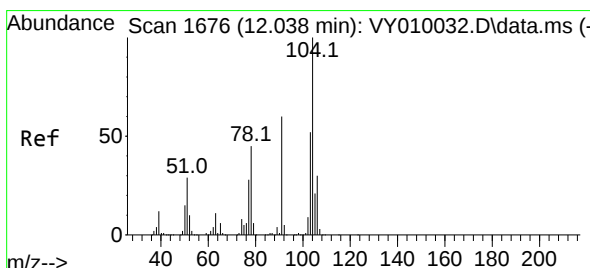
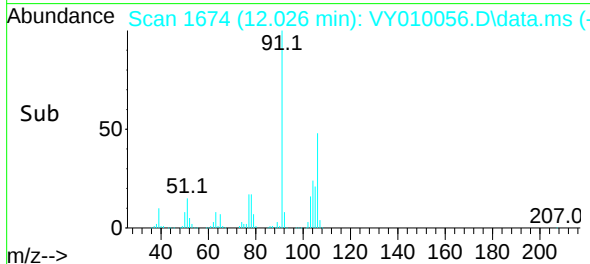
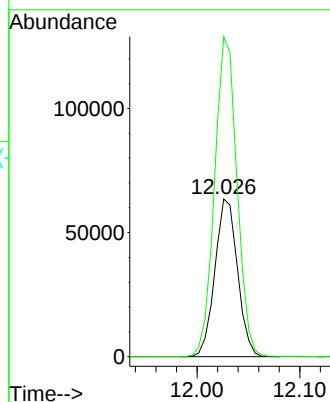
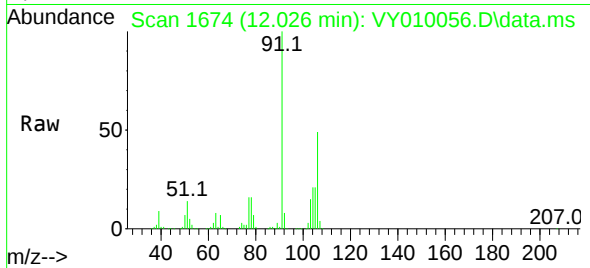




#69
o-Xylene
Concen: 56.139 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

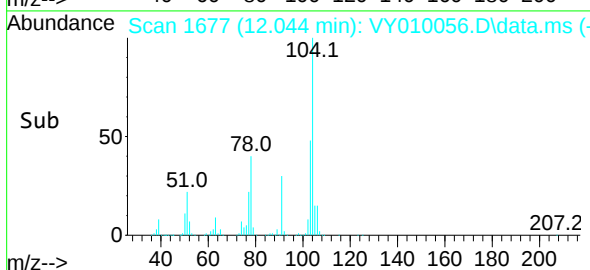
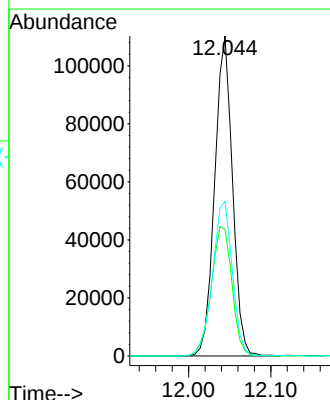
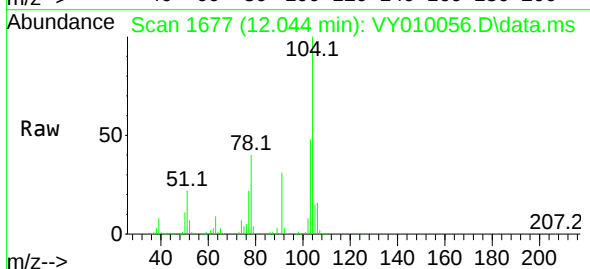
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

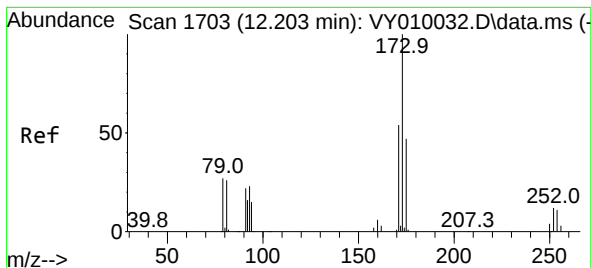
Tgt Ion:106 Resp: 97046
Ion Ratio Lower Upper
106 100
91 201.7 104.6 313.7



#70
Styrene
Concen: 56.860 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion:104 Resp: 165868
Ion Ratio Lower Upper
104 100
78 47.1 38.2 57.4
103 53.6 44.0 66.0





#71

Bromoform

Concen: 55.029 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

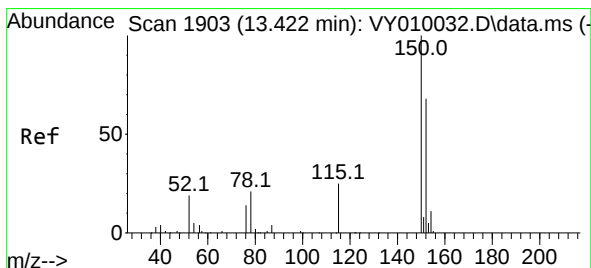
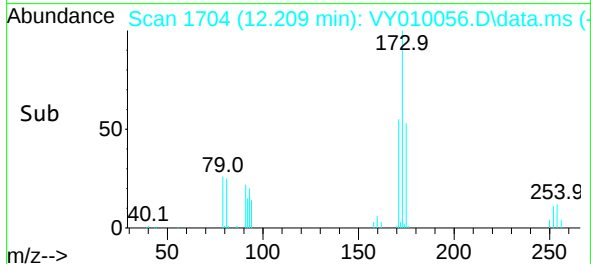
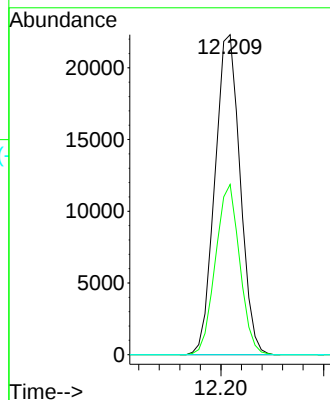
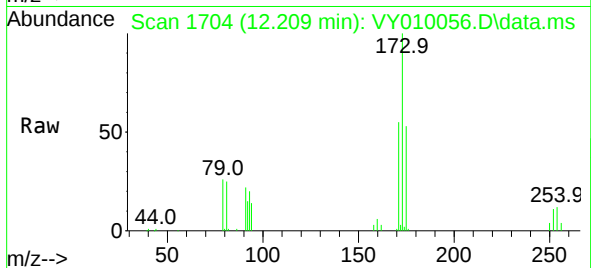
Tgt Ion:173 Resp: 37951

Ion Ratio Lower Upper

173 100

175 51.2 24.3 72.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

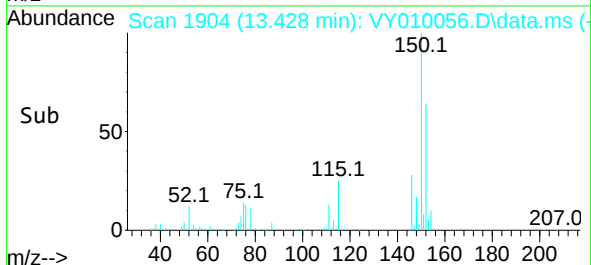
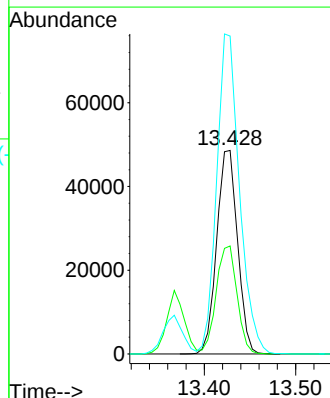
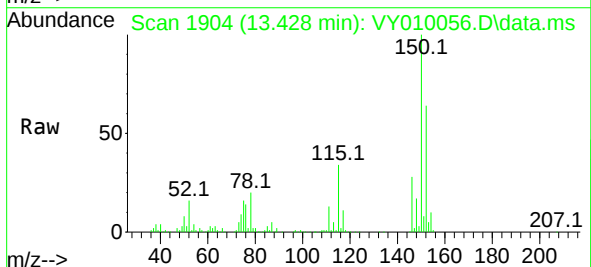
Tgt Ion:152 Resp: 77080

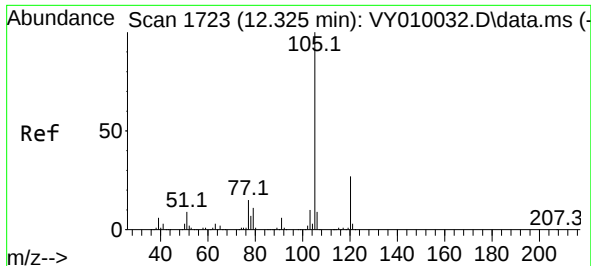
Ion Ratio Lower Upper

152 100

115 53.2 28.1 84.3

150 171.8 0.0 346.6

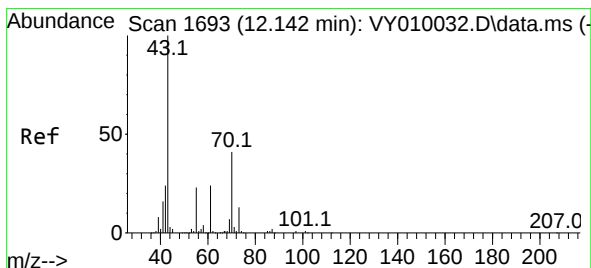
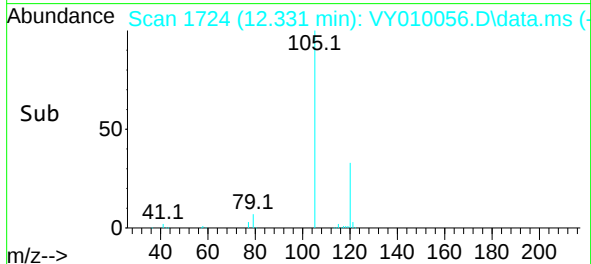
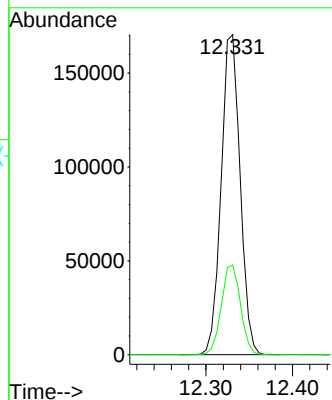
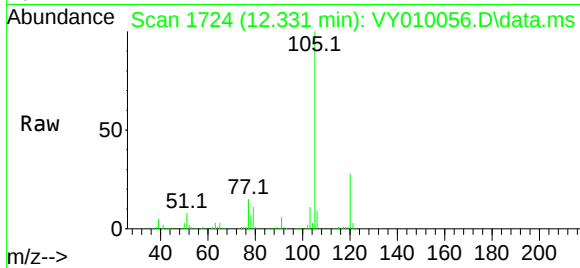




#73
Isopropylbenzene
Concen: 53.777 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

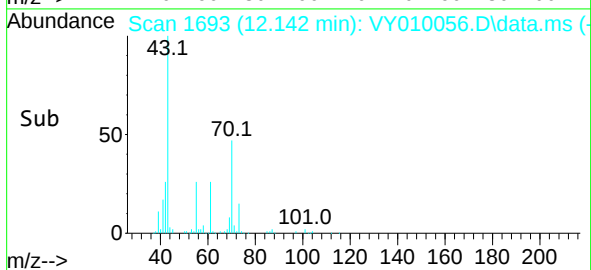
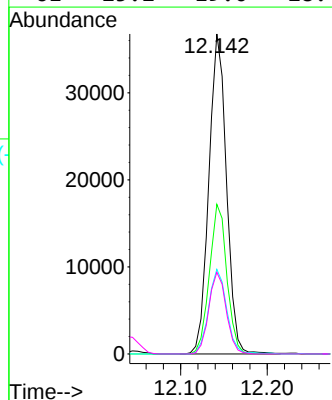
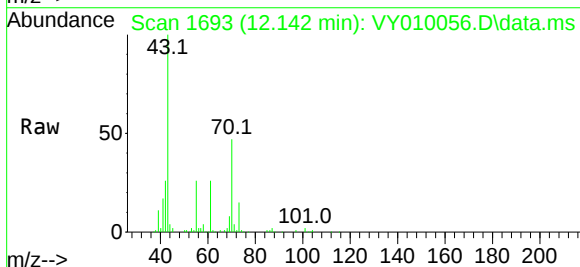
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

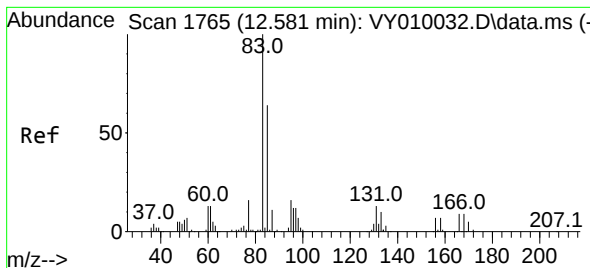
Tgt Ion:105 Resp: 259085
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.4



#74
N-amy1 acetate
Concen: 39.153 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 43 Resp: 51850
Ion Ratio Lower Upper
43 100
70 46.4 32.3 48.5
55 27.2 19.3 28.9
61 25.2 19.0 28.4

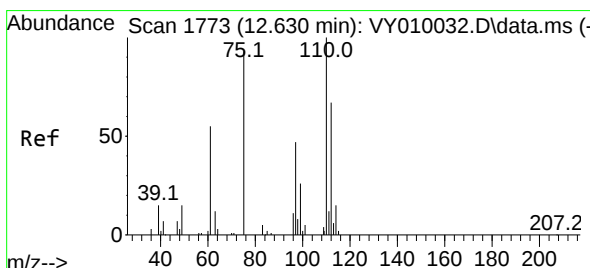
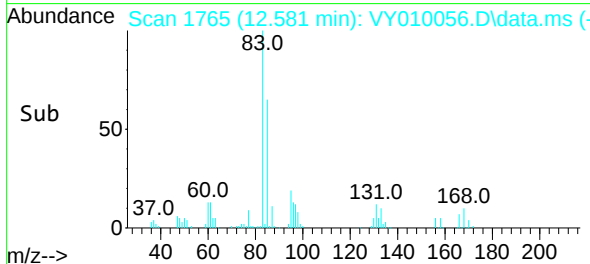
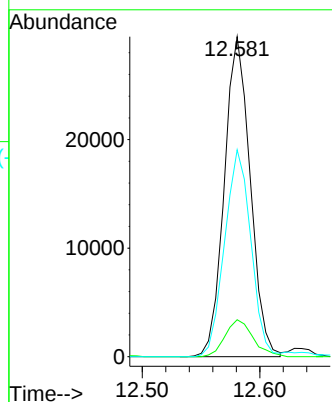
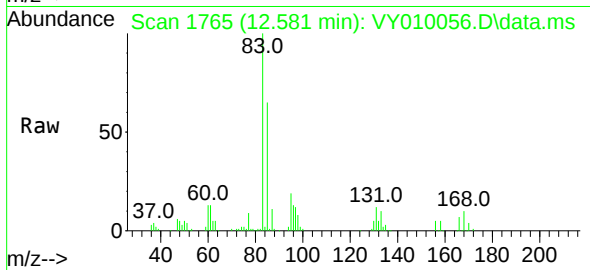




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.134 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY010056.D
 Acq: 17 Aug 2022 09:31

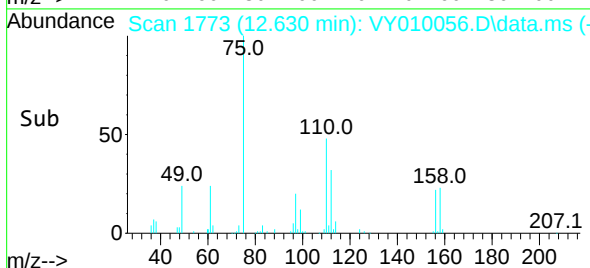
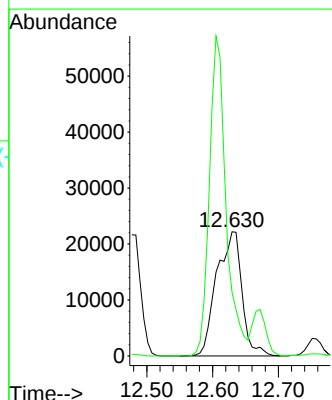
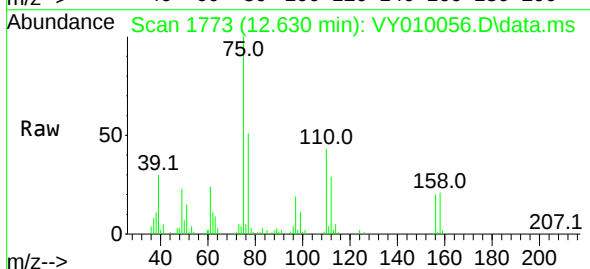
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

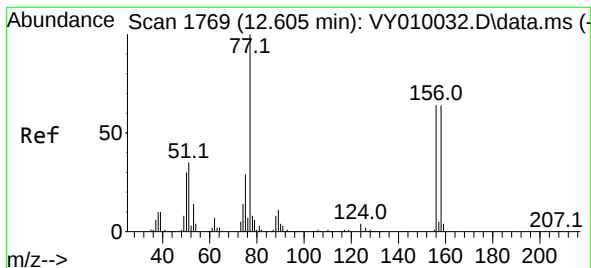
Tgt Ion: 83 Resp: 45143
 Ion Ratio Lower Upper
 83 100
 131 12.5 5.8 17.3
 85 65.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 81.406 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY010056.D
 Acq: 17 Aug 2022 09:31

Tgt Ion: 75 Resp: 59479
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.639 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

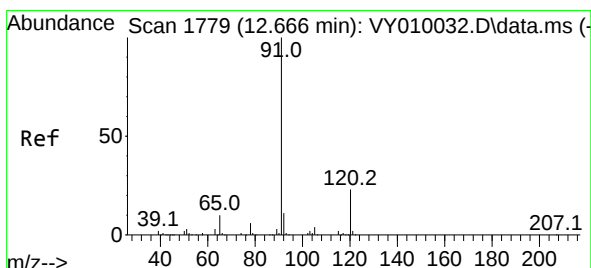
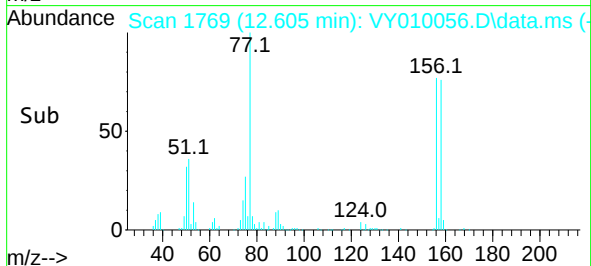
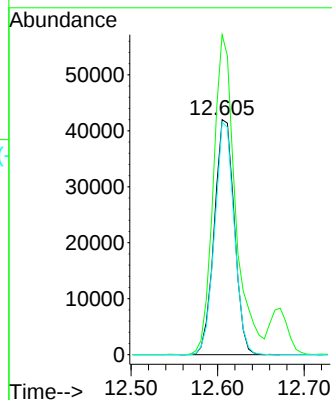
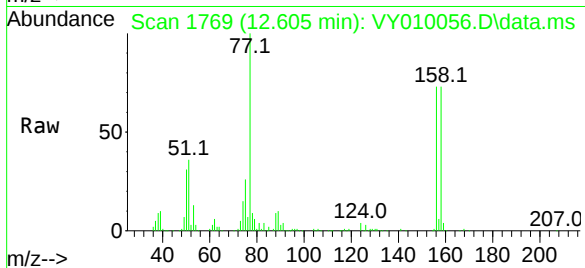
Tgt Ion:156 Resp: 67374

Ion Ratio Lower Upper

156 100

77 150.1 85.9 257.6

158 97.0 48.9 146.8



#78

n-propylbenzene

Concen: 50.939 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY010056.D

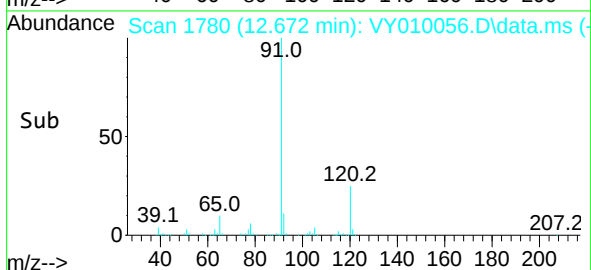
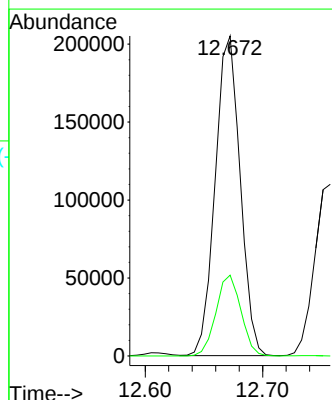
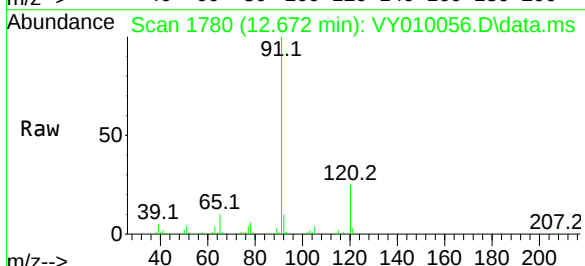
Acq: 17 Aug 2022 09:31

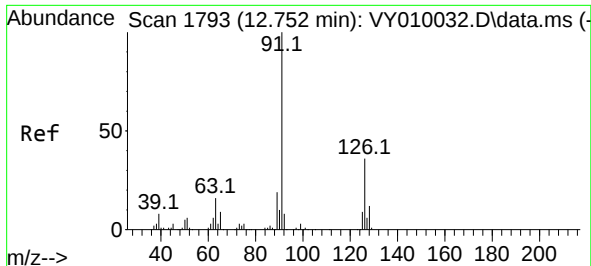
Tgt Ion: 91 Resp: 302551

Ion Ratio Lower Upper

91 100

120 25.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 51.173 ug/l

RT: 12.758 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

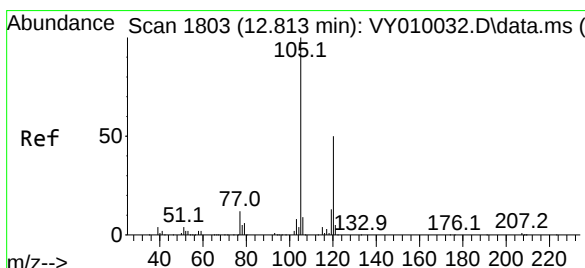
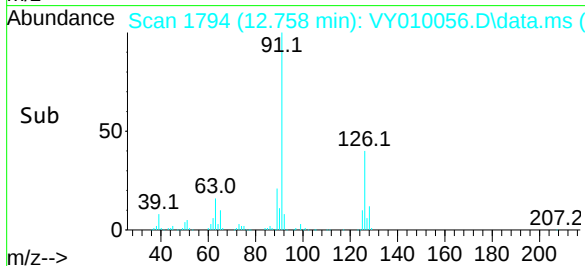
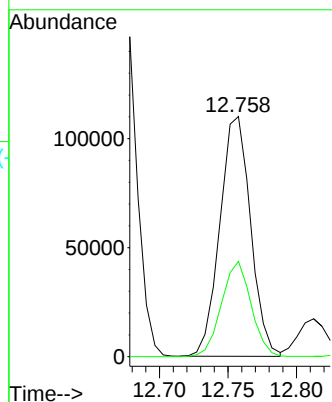
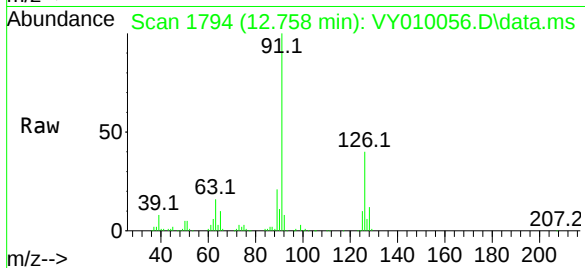
VSTDCCC050

Tgt Ion: 91 Resp: 171879

Ion Ratio Lower Upper

91 100

126 38.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 53.680 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY010056.D

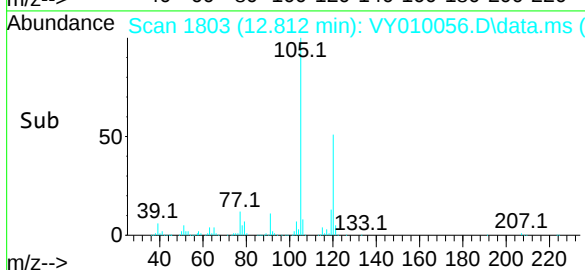
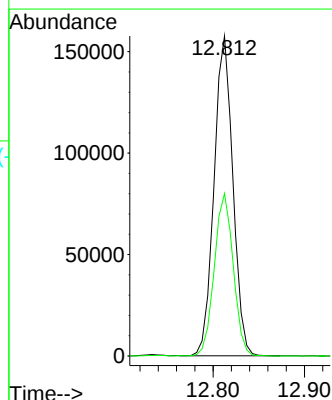
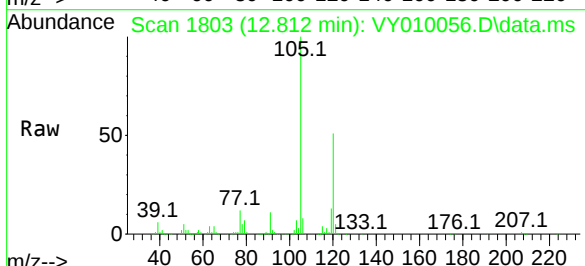
Acq: 17 Aug 2022 09:31

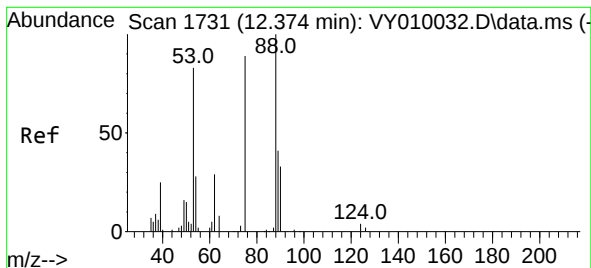
Tgt Ion: 105 Resp: 225298

Ion Ratio Lower Upper

105 100

120 51.2 25.0 75.0

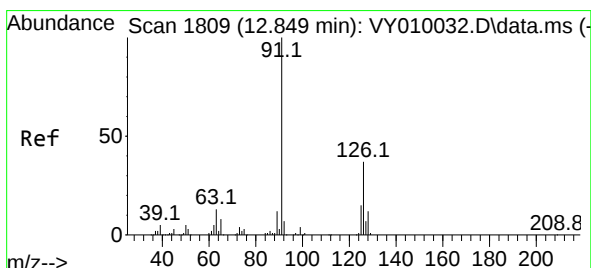
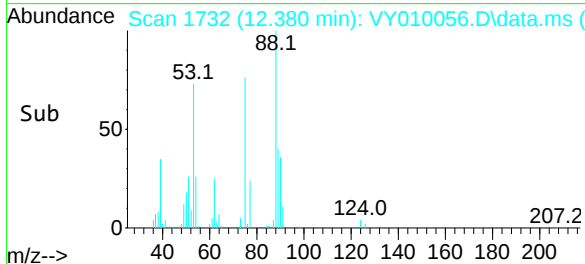
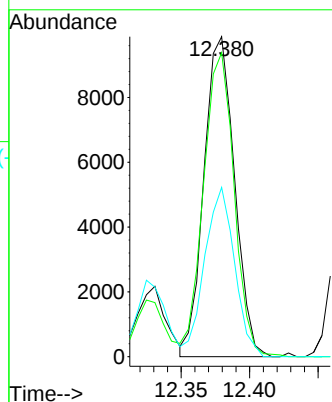
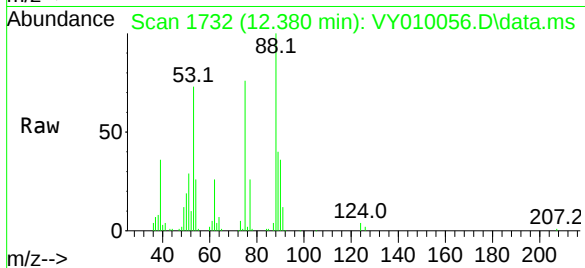




#81
trans-1,4-Dichloro-2-butene
Concen: 47.364 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

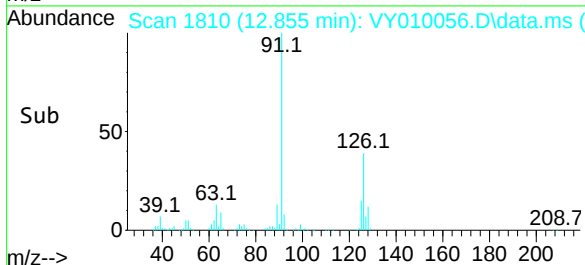
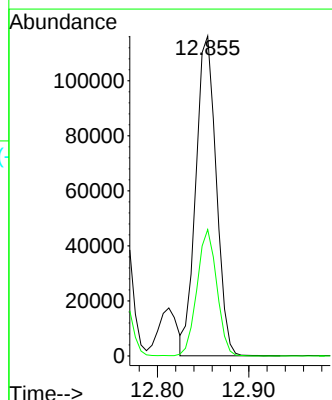
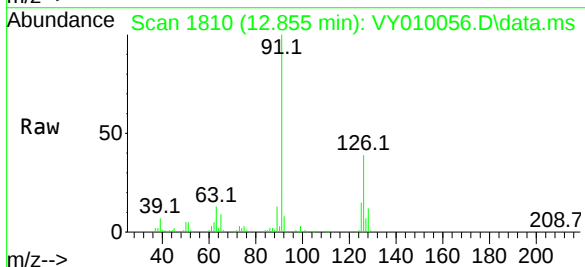
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

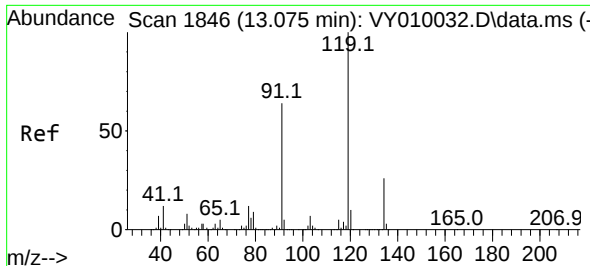
Tgt Ion: 75 Resp: 15313
Ion Ratio Lower Upper
75 100
53 94.8 74.2 111.4
89 51.7 37.8 56.6



#82
4-Chlorotoluene
Concen: 51.212 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 91 Resp: 179938
Ion Ratio Lower Upper
91 100
126 38.4 18.3 54.9

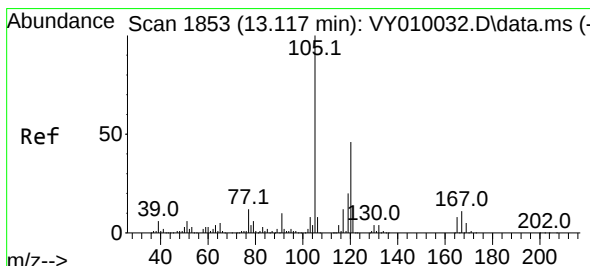
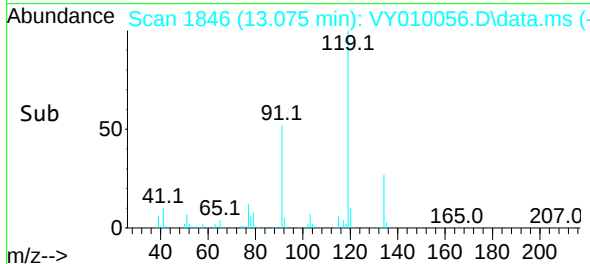
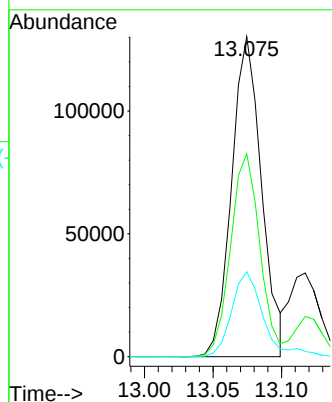
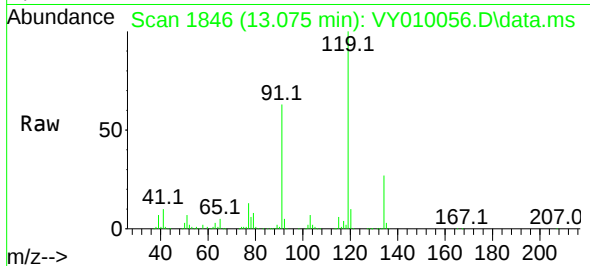




#83
tert-Butylbenzene
Concen: 53.639 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

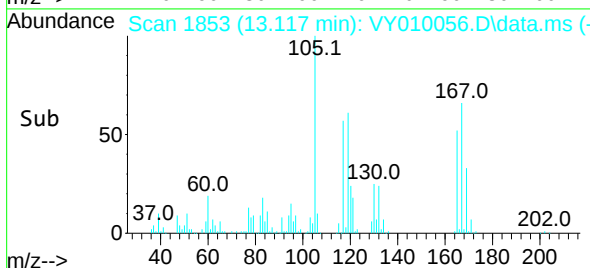
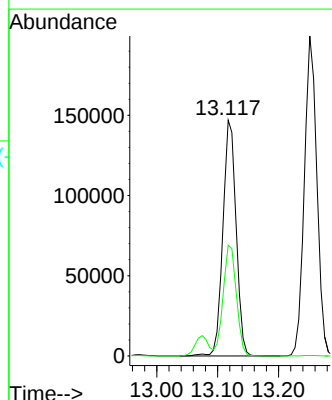
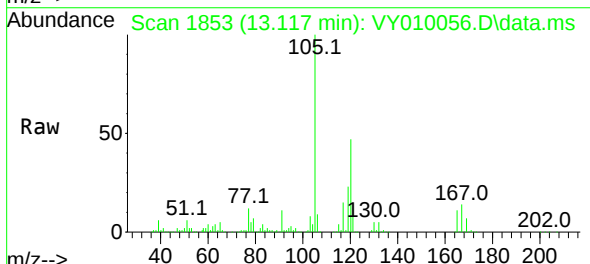
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

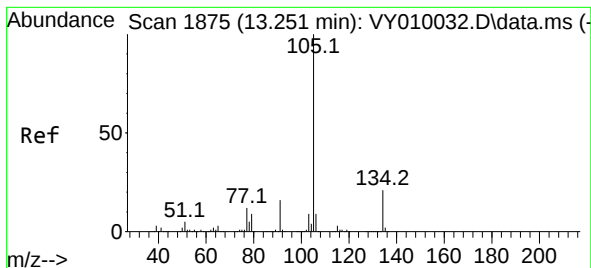
Tgt Ion:119 Resp: 197815
Ion Ratio Lower Upper
119 100
91 61.9 31.6 94.7
134 28.1 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 53.844 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion:105 Resp: 221883
Ion Ratio Lower Upper
105 100
120 46.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.834 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

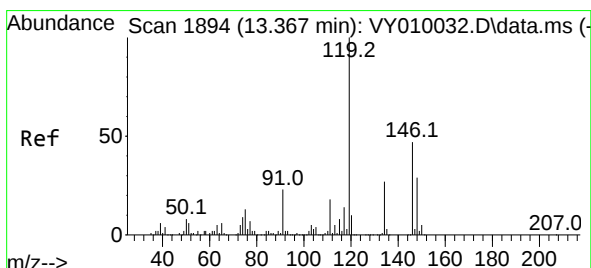
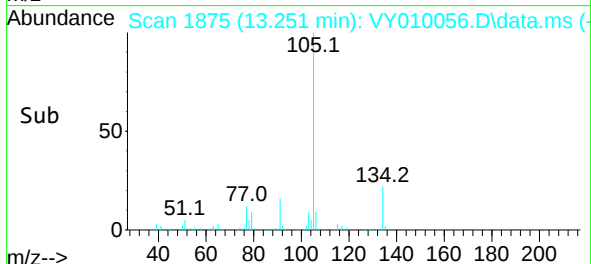
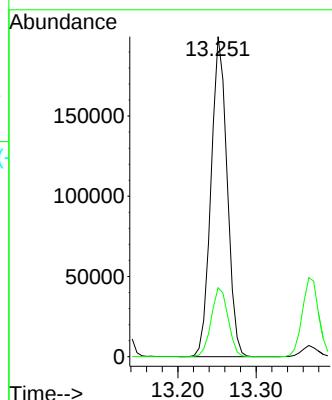
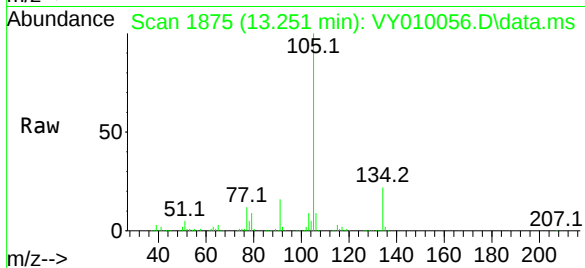
VSTDCCC050

Tgt Ion:105 Resp: 284601

Ion Ratio Lower Upper

105 100

134 22.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 54.552 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

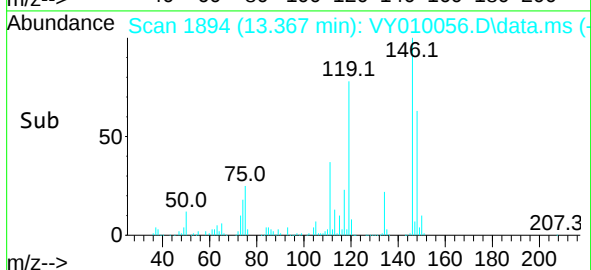
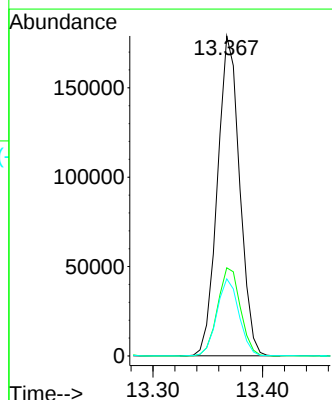
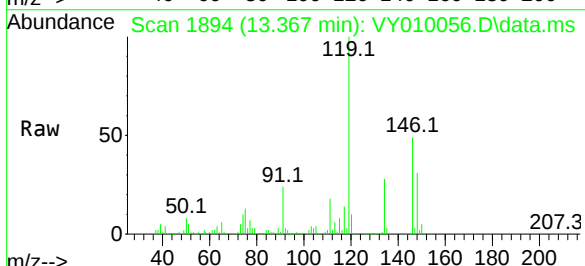
Tgt Ion:119 Resp: 251848

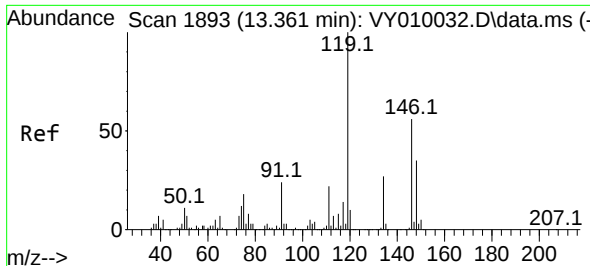
Ion Ratio Lower Upper

119 100

134 28.4 13.8 41.3

91 24.1 11.7 35.0

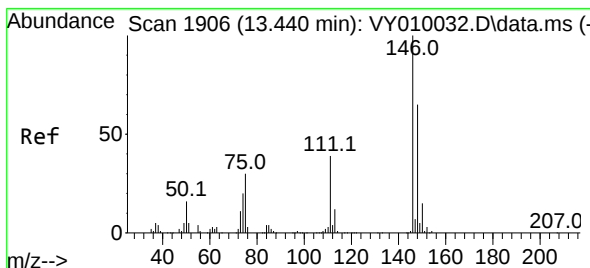
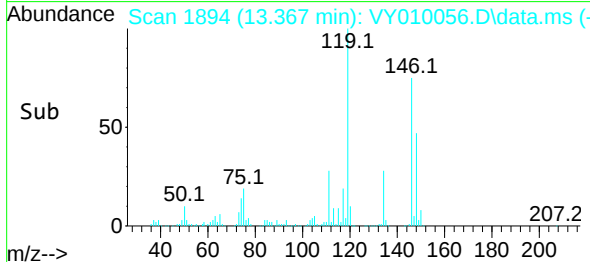
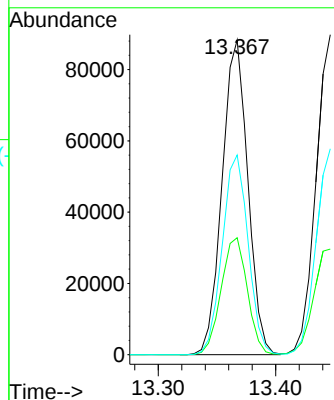
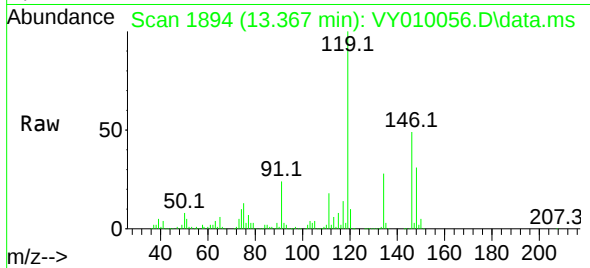




#87
1,3-Dichlorobenzene
Concen: 51.632 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

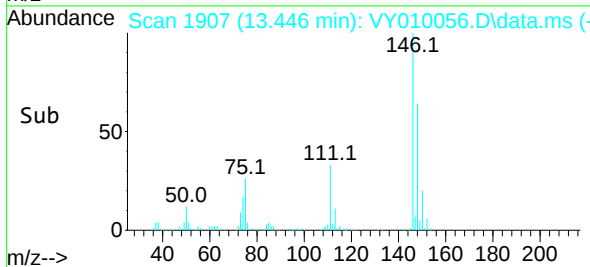
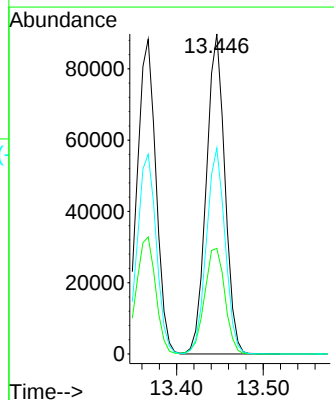
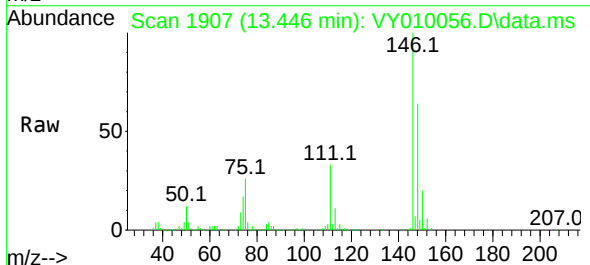
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

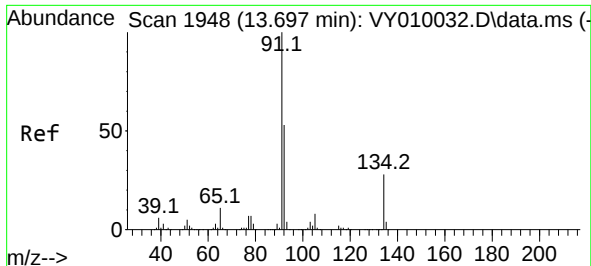
Tgt Ion:146 Resp: 134568
Ion Ratio Lower Upper
146 100
111 37.9 19.2 57.6
148 64.0 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 50.817 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion:146 Resp: 133709
Ion Ratio Lower Upper
146 100
111 36.3 19.1 57.1
148 64.8 32.3 96.9

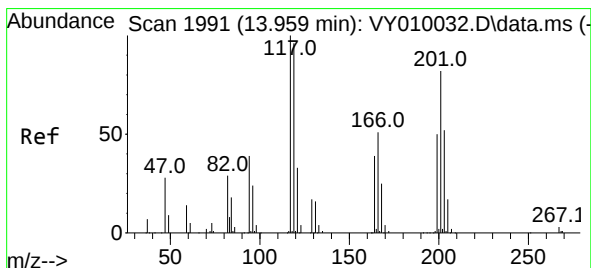
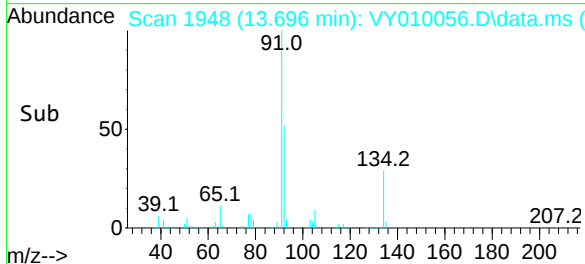
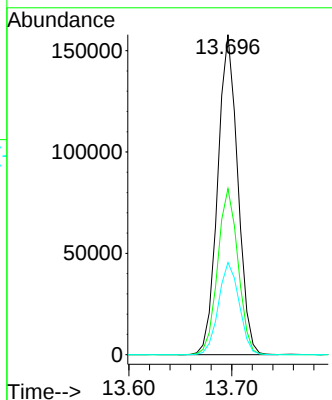
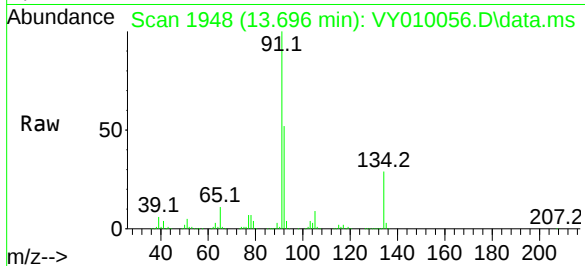




#89
n-Butylbenzene
Concen: 52.051 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

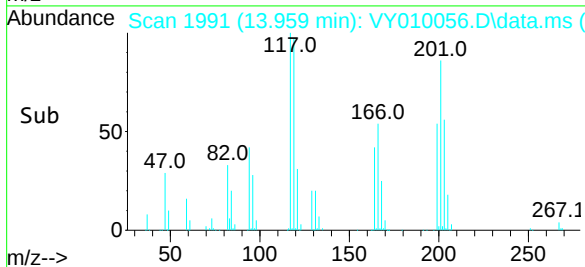
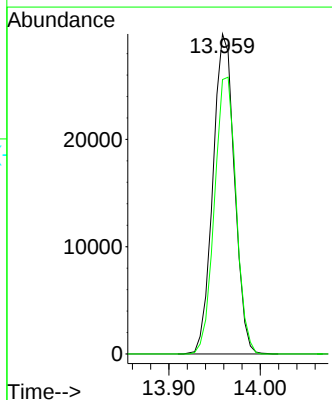
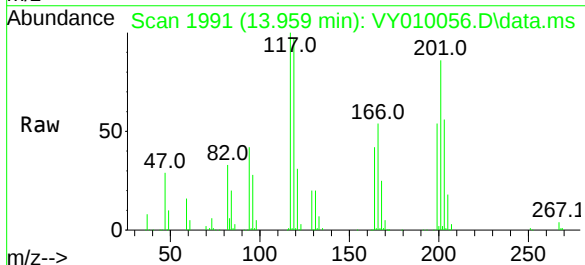
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

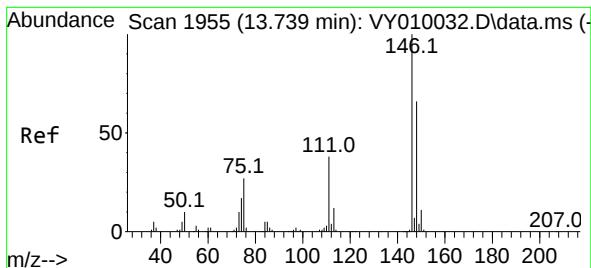
Tgt Ion: 91 Resp: 214089
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 29.6 13.6 40.8



#90
Hexachloroethane
Concen: 52.232 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010056.D
Acq: 17 Aug 2022 09:31

Tgt Ion: 117 Resp: 48877
Ion Ratio Lower Upper
117 100
201 86.8 42.4 127.1





#91

1,2-Dichlorobenzene

Concen: 51.912 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

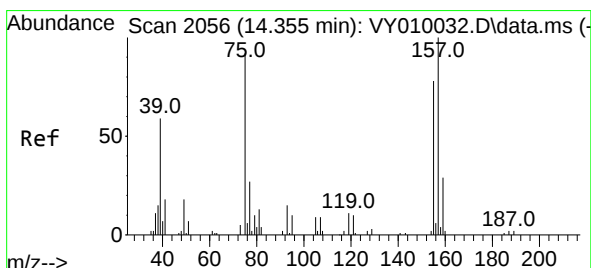
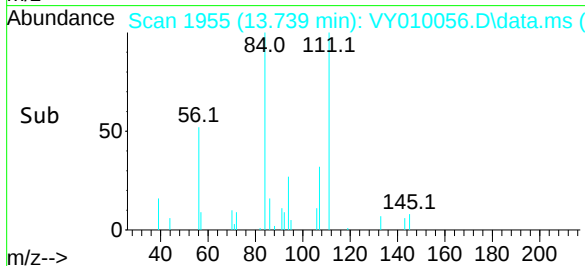
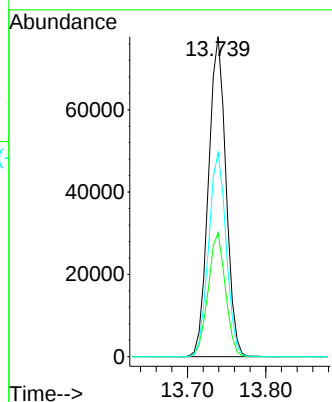
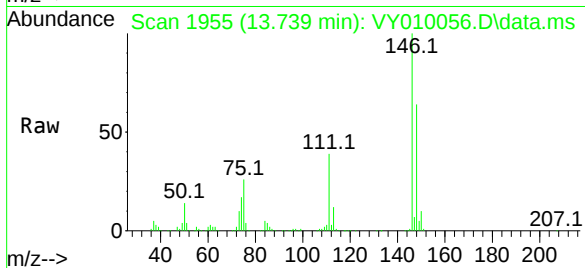
Tgt Ion:146 Resp: 120334

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.4

148 64.1 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.373 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

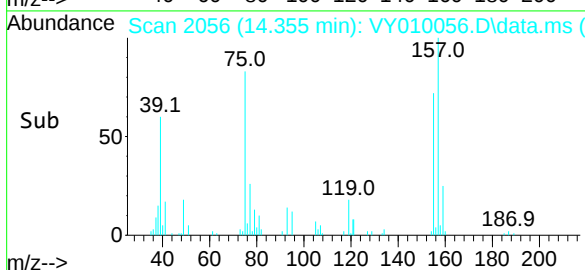
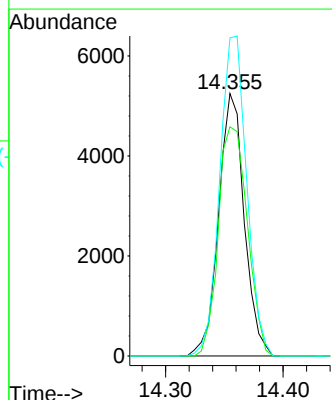
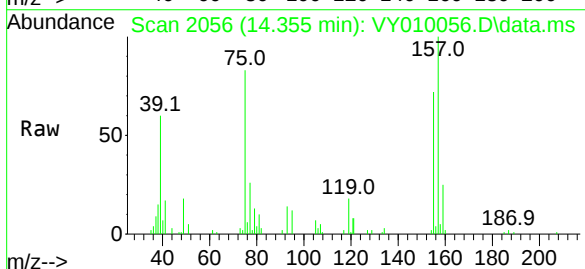
Tgt Ion: 75 Resp: 7963

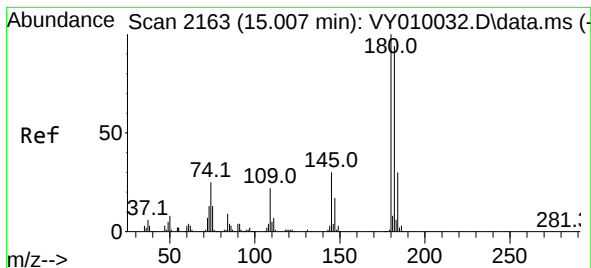
Ion Ratio Lower Upper

75 100

155 98.7 46.9 140.6

157 128.2 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 52.938 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

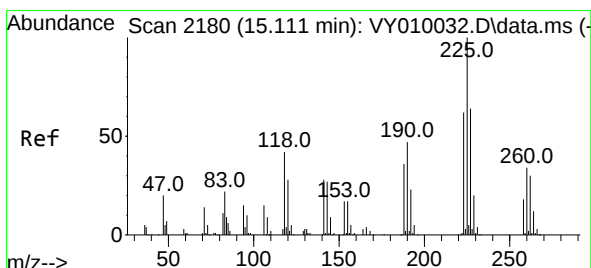
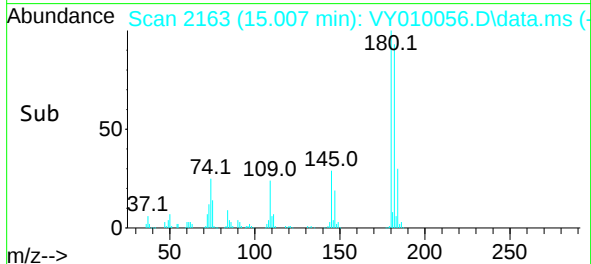
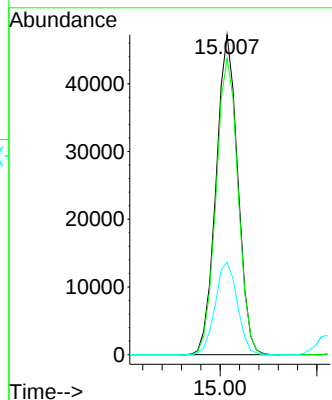
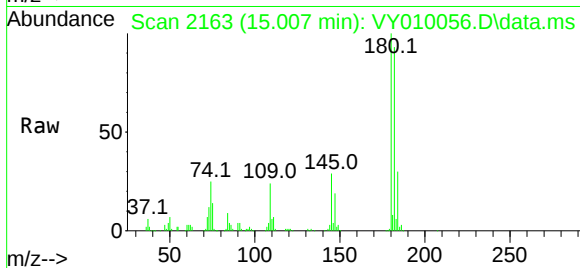
Tgt Ion:180 Resp: 73313

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.2

145 29.5 14.8 44.4



#94

Hexachlorobutadiene

Concen: 52.750 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

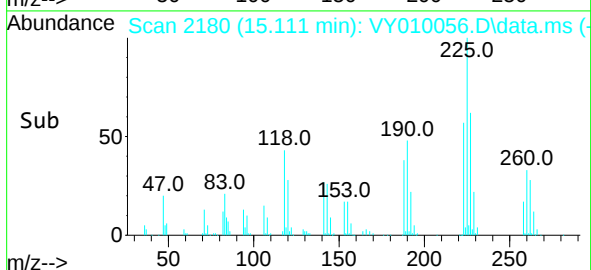
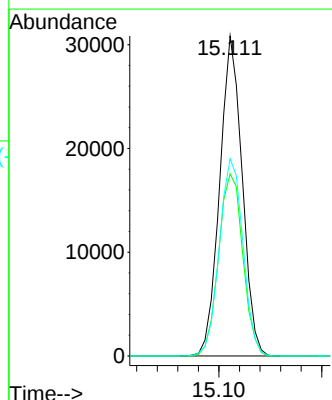
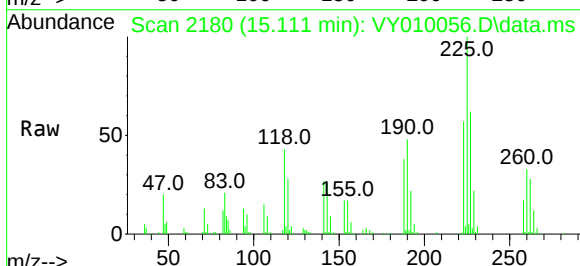
Tgt Ion:225 Resp: 46749

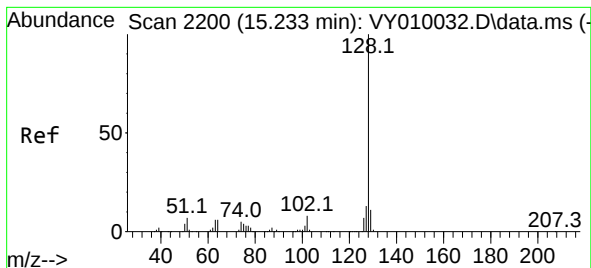
Ion Ratio Lower Upper

225 100

223 61.2 31.6 94.8

227 65.0 32.6 97.8





#95

Naphthalene

Concen: 53.613 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

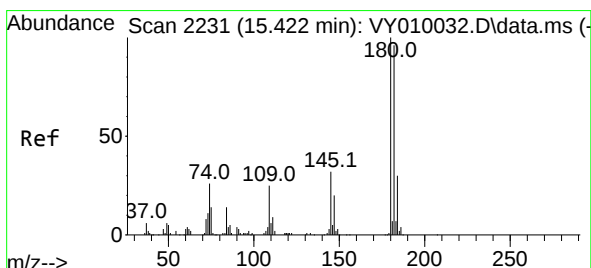
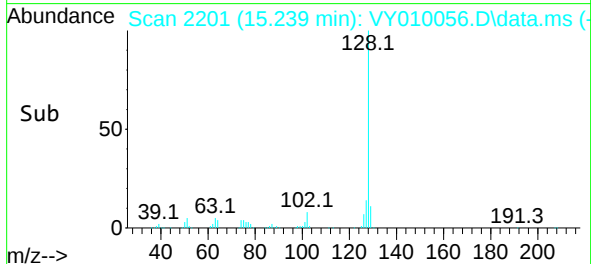
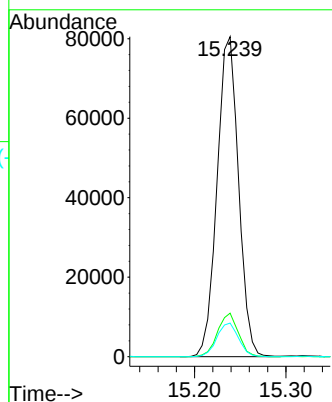
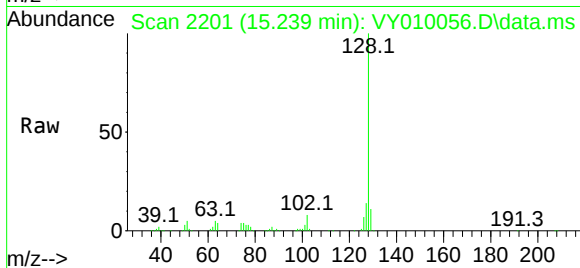
Tgt Ion:128 Resp: 131443

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.668 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010056.D

Acq: 17 Aug 2022 09:31

Tgt Ion:180 Resp: 64195

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.0

145 31.8 15.7 47.0

