

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010039.D
 Acq On : 16 Aug 2022 11:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 16 16:52:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	114204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	162634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54543	47.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.540%
35) Dibromofluoromethane	7.710	113	52641	49.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.179	98	179939	46.114	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.483	95	64286	46.906	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45743	48.930	ug/l	100
3) Chloromethane	2.107	50	58144	46.827	ug/l	98
4) Vinyl Chloride	2.247	62	72347	44.540	ug/l	98
5) Bromomethane	2.644	94	60774	49.251	ug/l	100
6) Chloroethane	2.790	64	52849	47.244	ug/l	99
7) Trichlorofluoromethane	3.119	101	96467	49.996	ug/l	99
8) Diethyl Ether	3.521	74	25839	47.814	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	50752	49.602	ug/l	99
10) Methyl Iodide	4.082	142	63714	52.606	ug/l	100
11) Tert butyl alcohol	4.942	59	24942	235.738	ug/l	98
12) 1,1-Dichloroethene	3.863	96	46025	49.149	ug/l	96
13) Acrolein	3.723	56	15647	205.284	ug/l	99
14) Allyl chloride	4.466	41	66731	48.488	ug/l	99
15) Acrylonitrile	5.149	53	56540	221.891	ug/l	98
16) Acetone	3.936	43	63510	259.670	ug/l	95
17) Carbon Disulfide	4.186	76	124559	46.437	ug/l	98
18) Methyl Acetate	4.466	43	29618	41.809	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	124992	48.578	ug/l	97
20) Methylene Chloride	4.704	84	56273	49.718	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	52282	48.546	ug/l	99
22) Diisopropyl ether	6.112	45	153612	56.749	ug/l	99
23) Vinyl Acetate	6.051	43	490152	286.964	ug/l	98
24) 1,1-Dichloroethane	6.003	63	90232	52.488	ug/l	98
25) 2-Butanone	6.978	43	89223	266.658	ug/l	100
26) 2,2-Dichloropropane	6.972	77	93654	51.838	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	61276	51.740	ug/l	99
28) Bromochloromethane	7.326	49	37815	52.862	ug/l	99
29) Tetrahydrofuran	7.338	42	54443	250.506	ug/l	99
30) Chloroform	7.496	83	101004	48.043	ug/l	99
31) Cyclohexane	7.777	56	77079	47.773	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	99800	52.367	ug/l	99
36) 1,1-Dichloropropene	7.911	75	75211	51.191	ug/l	99
37) Ethyl Acetate	7.063	43	38155	51.569	ug/l #	96
38) Carbon Tetrachloride	7.893	117	93234	51.598	ug/l	100
39) Methylcyclohexane	9.179	83	89496	54.065	ug/l	100
40) Benzene	8.155	78	214005	49.789	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	51131	133.791	ug/l #	76
42) 1,2-Dichloroethane	8.228	62	66809	49.884	ug/l	100
43) Isopropyl Acetate	8.264	43	71243	50.728	ug/l	99
44) Trichloroethene	8.935	130	65352	50.303	ug/l	100
45) 1,2-Dichloropropane	9.209	63	51245	50.423	ug/l	99
46) Dibromomethane	9.301	93	31289	48.070	ug/l	98
47) Bromodichloromethane	9.490	83	74835	47.664	ug/l	99
48) Methyl methacrylate	9.289	41	30578	50.040	ug/l	98
49) 1,4-Dioxane	9.295	88	6618	875.514	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	171432	221.255	ug/l	97
52) Toluene	10.240	92	135168	48.792	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	72942	48.241	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	79086	47.816	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	40865	45.453	ug/l	97
56) Ethyl methacrylate	10.508	69	49743	47.872	ug/l	98
57) 1,3-Dichloropropane	10.788	76	66145	45.956	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	91128	202.651	ug/l	97
59) 2-Hexanone	10.831	43	118359	200.157	ug/l	97
60) Dibromochloromethane	10.983	129	60302	50.639	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43150	49.248	ug/l	97
64) Tetrachloroethene	10.715	164	64704	51.575	ug/l	98
65) Chlorobenzene	11.514	112	151406	49.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	60888	50.175	ug/l	100
67) Ethyl Benzene	11.593	91	262488	51.120	ug/l	97
68) m/p-Xylenes	11.703	106	214932	105.371	ug/l	97
69) o-Xylene	12.026	106	102748	53.919	ug/l	96
70) Styrene	12.044	104	171005	53.179	ug/l	99
71) Bromoform	12.209	173	38517	50.664	ug/l #	100
73) Isopropylbenzene	12.331	105	265003	49.513	ug/l	98
74) N-amyl acetate	12.142	43	53653	36.791	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	44624	41.940	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	62092	76.497	ug/l #	100
77) Bromobenzene	12.605	156	68399	48.104	ug/l	90
78) n-propylbenzene	12.672	91	314270	47.629	ug/l	98
79) 2-Chlorotoluene	12.758	91	176899	47.409	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	230421	49.419	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	15615	43.475	ug/l	95
82) 4-Chlorotoluene	12.855	91	185331	47.480	ug/l	99
83) tert-Butylbenzene	13.075	119	210323	51.336	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	229351	50.099	ug/l	98
85) sec-Butylbenzene	13.251	105	296576	49.559	ug/l	98
86) p-Isopropyltoluene	13.367	119	259989	50.693	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	135750	46.885	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	141230	48.316	ug/l	99
89) n-Butylbenzene	13.696	91	233438	51.089	ug/l	99
90) Hexachloroethane	13.959	117	51718	49.750	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	130080	50.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8044	43.986	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	73474	47.757	ug/l	99
94) Hexachlorobutadiene	15.111	225	45387	46.100	ug/l	100
95) Naphthalene	15.239	128	130964	42.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63012	46.536	ug/l	99

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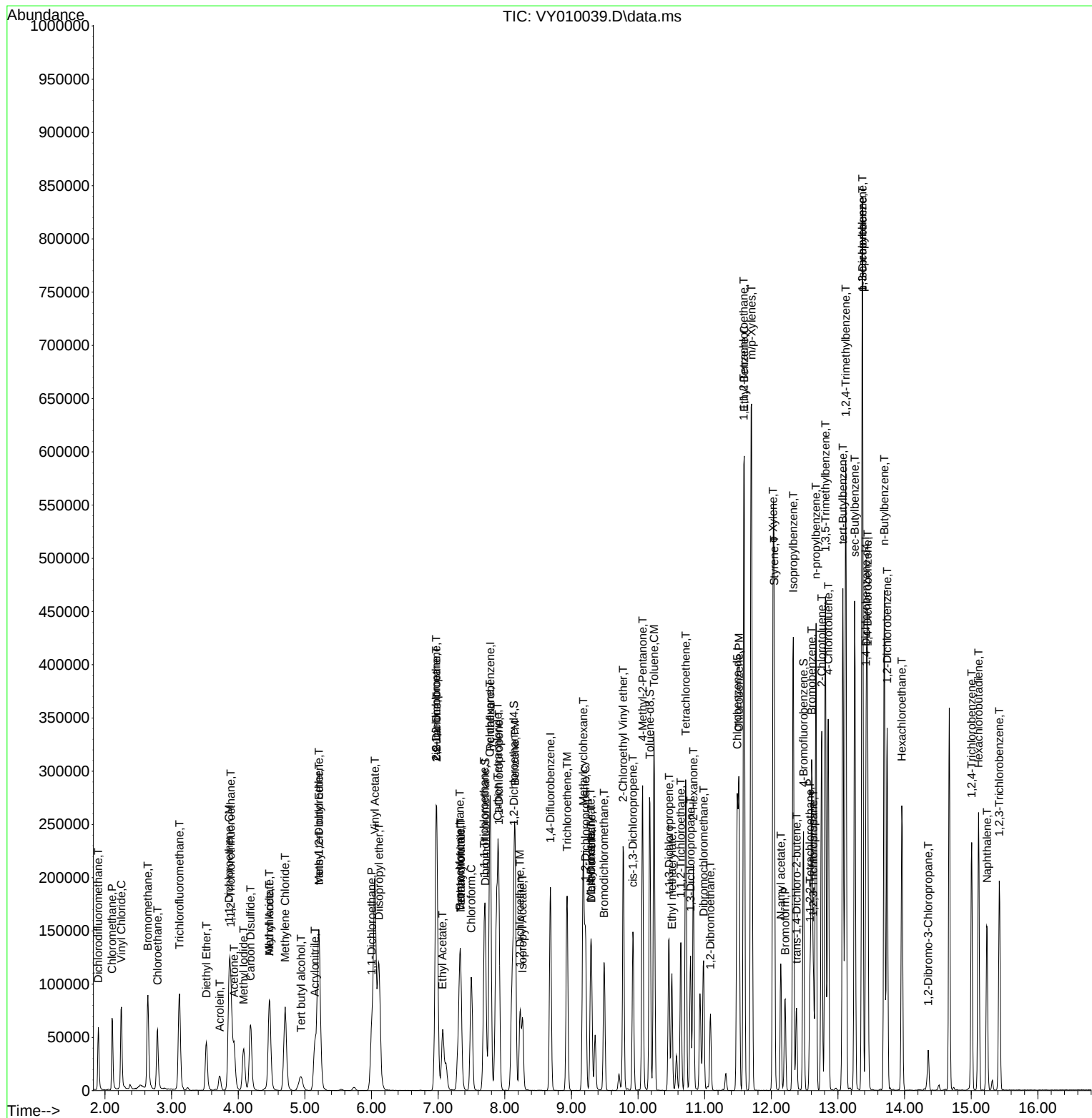
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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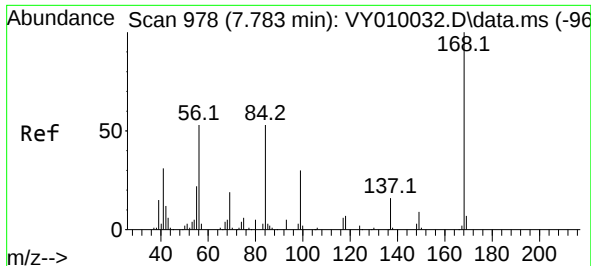
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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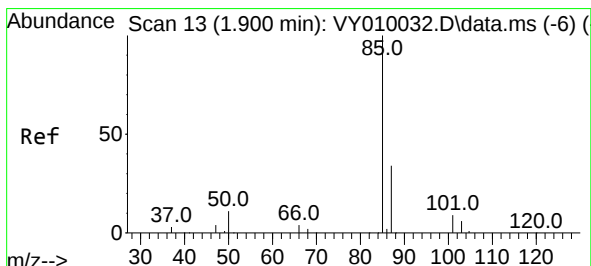
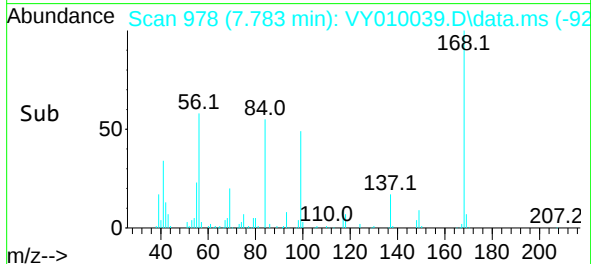
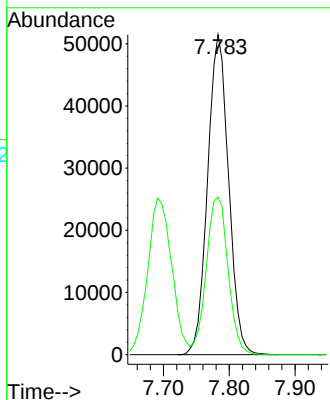
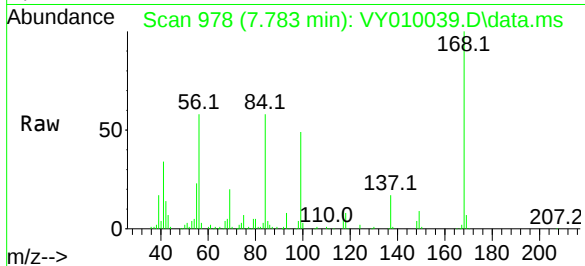




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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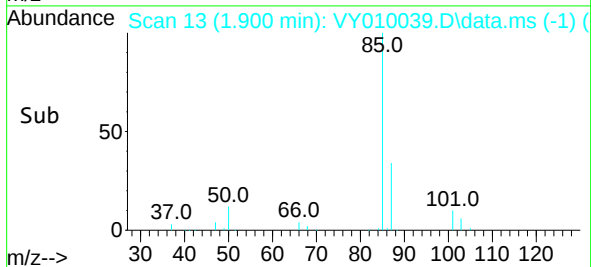
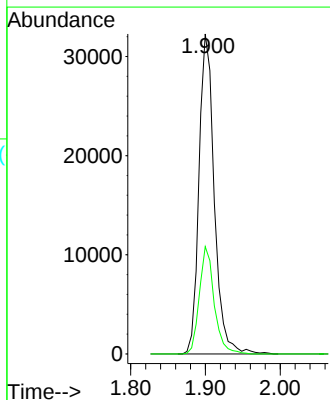
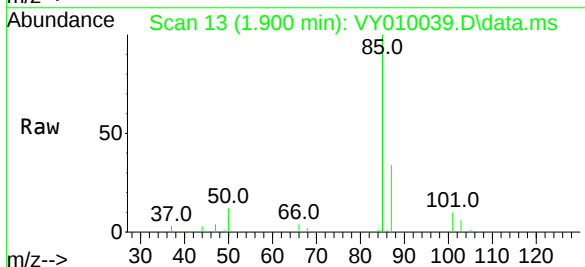
Instrument :
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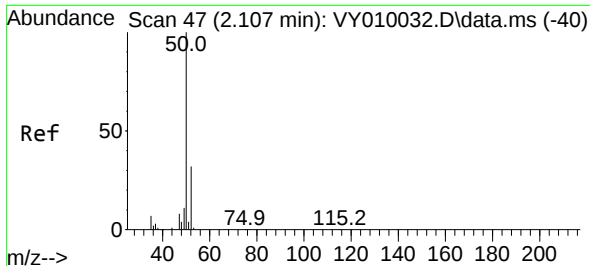
Tgt Ion:168 Resp: 114204
Ion Ratio Lower Upper
168 100
99 49.2 37.7 56.5



#2
Dichlorodifluoromethane
Concen: 48.930 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 85 Resp: 45743
Ion Ratio Lower Upper
85 100
87 33.5 16.9 50.7

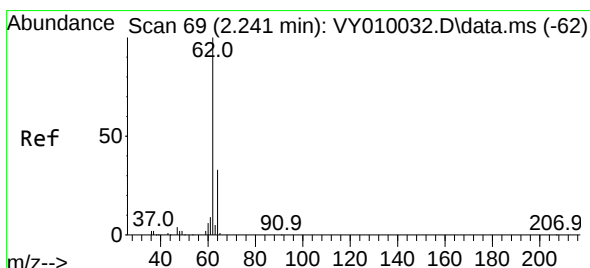
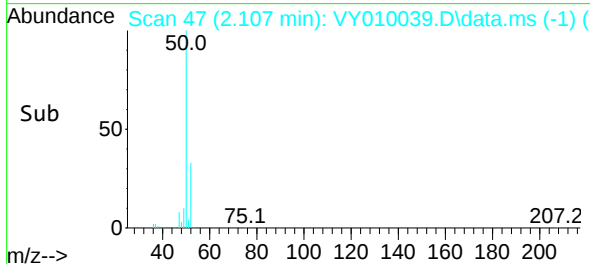
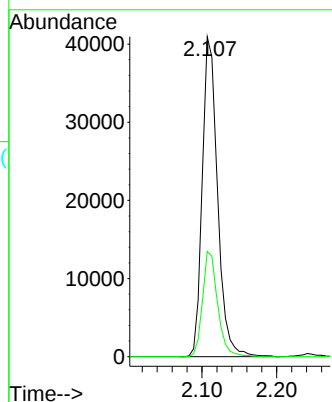
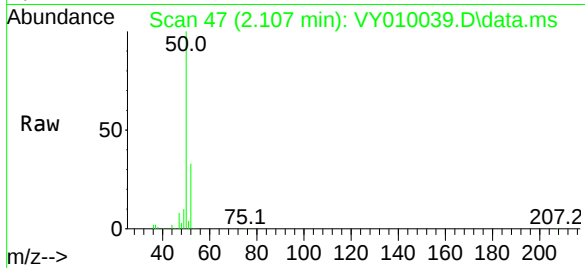




#3
Chloromethane
Concen: 46.827 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

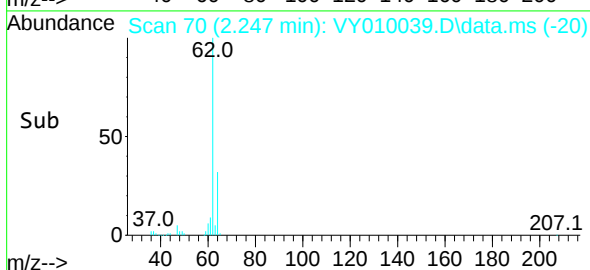
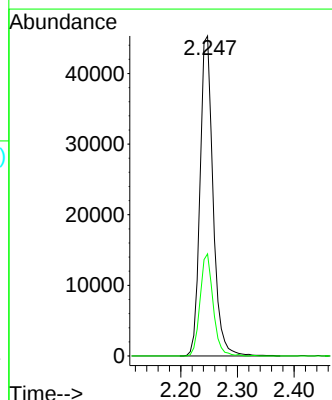
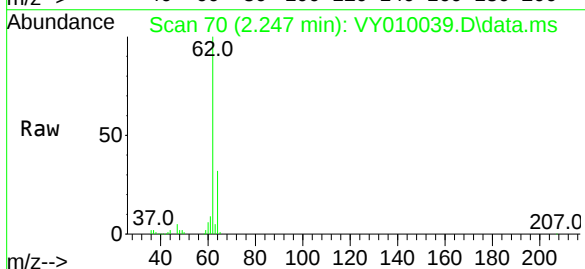
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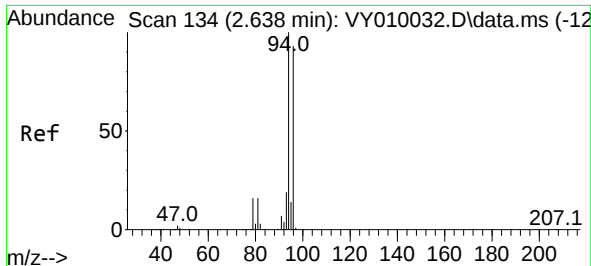
Tgt Ion: 50 Resp: 58144
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 44.540 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 62 Resp: 72347
Ion Ratio Lower Upper
62 100
64 31.9 26.6 39.8

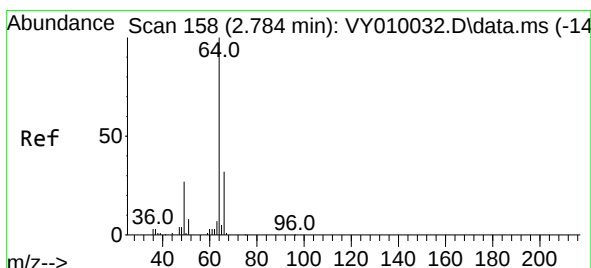
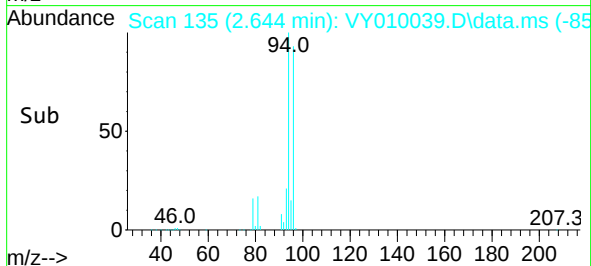
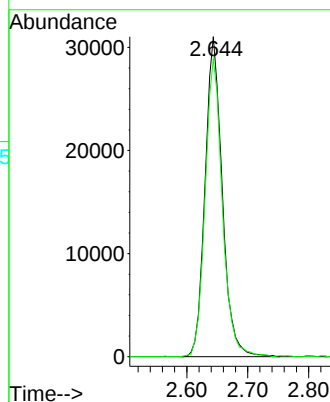
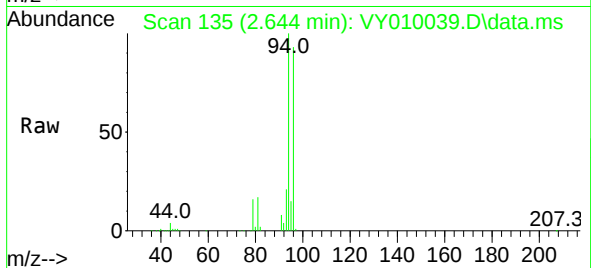




#5
Bromomethane
Concen: 49.251 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010039.D
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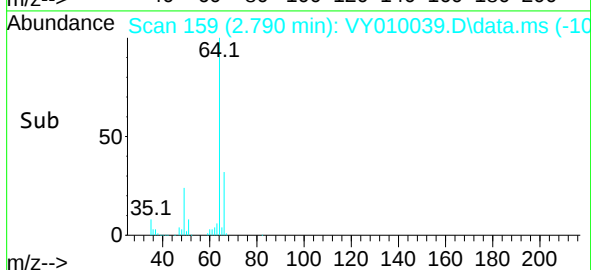
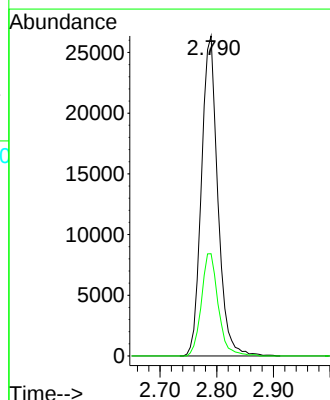
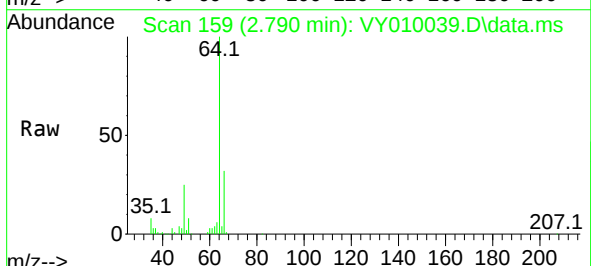
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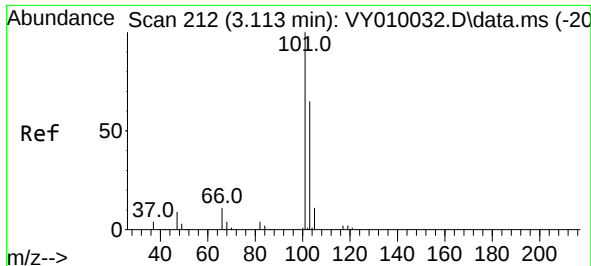
Tgt Ion: 94 Resp: 60774
Ion Ratio Lower Upper
94 100
96 93.0 74.2 111.2



#6
Chloroethane
Concen: 47.244 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 64 Resp: 52849
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0

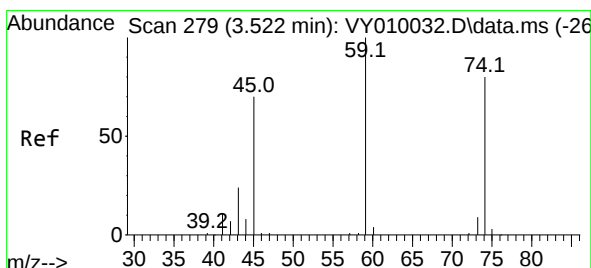
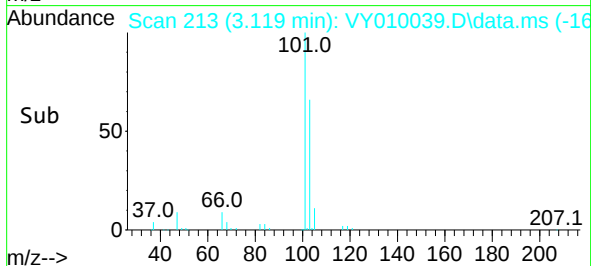
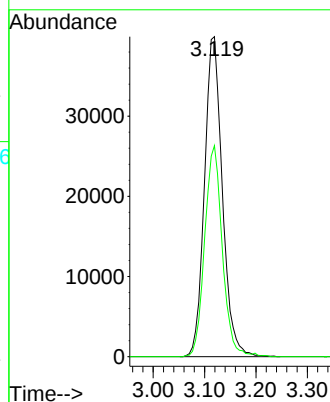
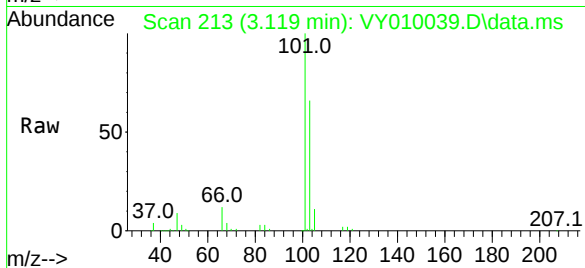




#7
 Trichlorofluoromethane
 Concen: 49.996 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY010039.D
 Acq: 16 Aug 2022 11:51

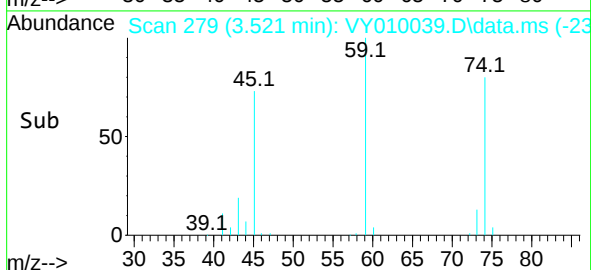
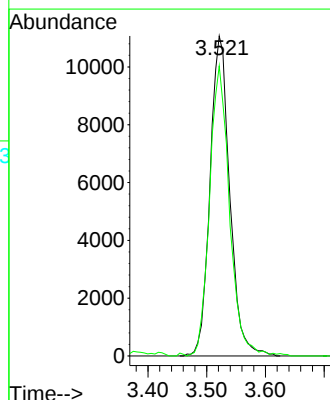
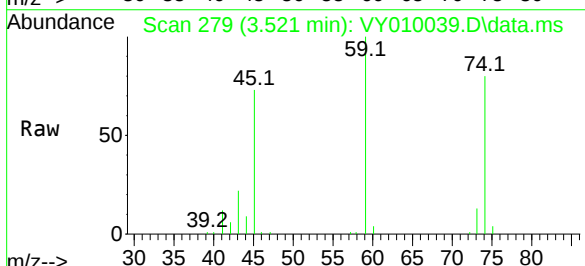
Instrument :
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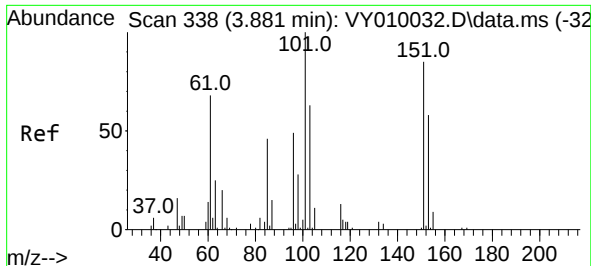
Tgt Ion:101 Resp: 96467
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.1 78.1



#8
 Diethyl Ether
 Concen: 47.814 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.001 min
 Lab File: VY010039.D
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Tgt Ion: 74 Resp: 25839
 Ion Ratio Lower Upper
 74 100
 45 91.8 46.4 139.1

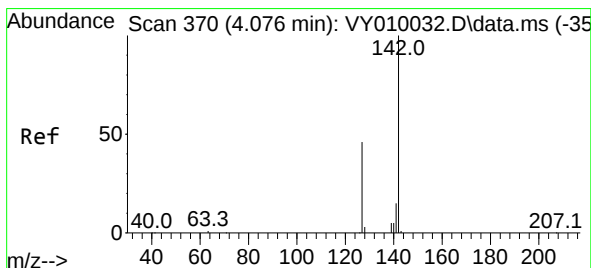
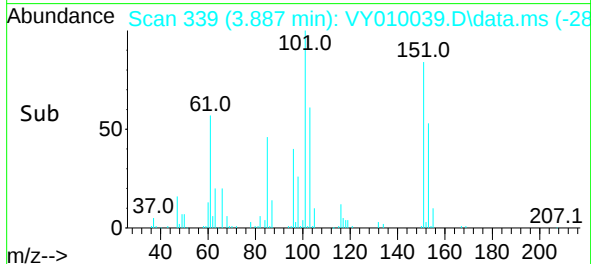
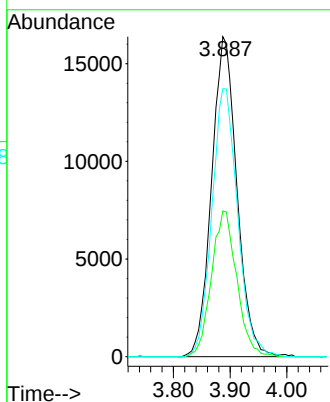
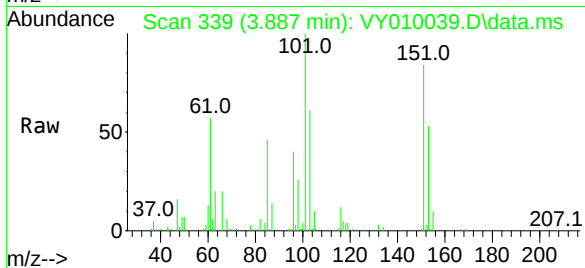




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.602 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

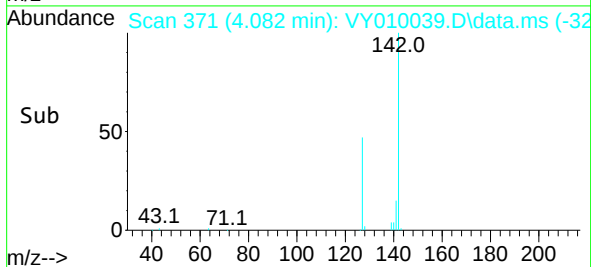
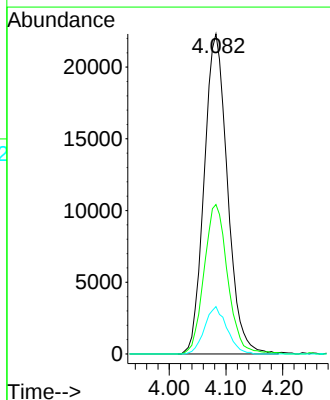
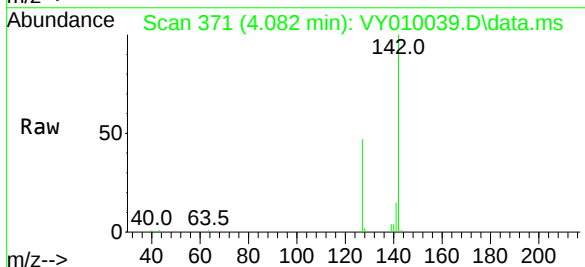
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

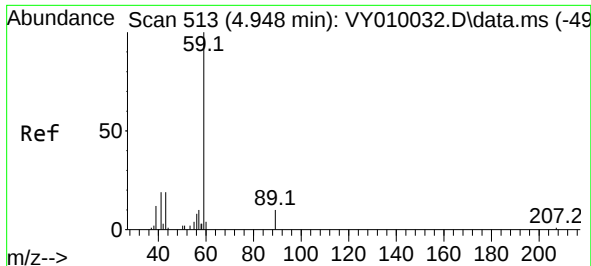
Tgt Ion:101 Resp: 50752
Ion Ratio Lower Upper
101 100
85 45.5 35.6 53.4
151 85.5 68.6 102.8



#10
Methyl Iodide
Concen: 52.606 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion:142 Resp: 63714
Ion Ratio Lower Upper
142 100
127 47.5 37.9 56.9
141 14.2 11.6 17.4

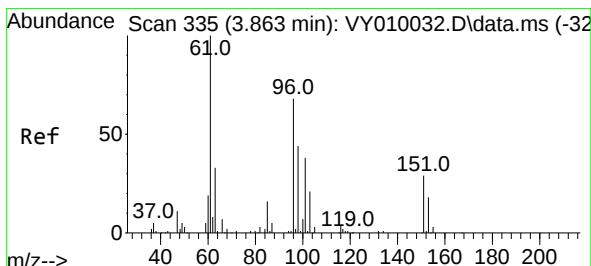
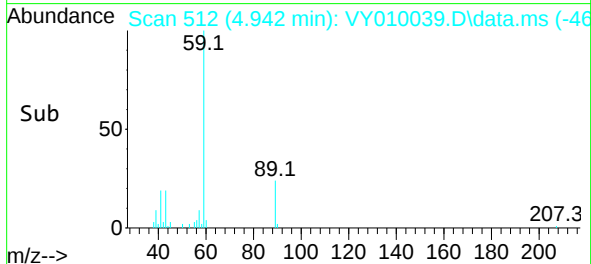
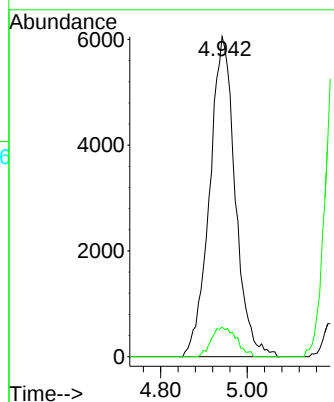
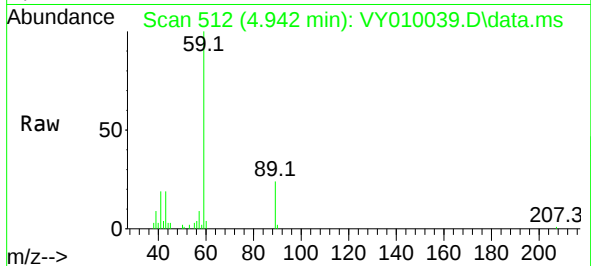




#11
Tert butyl alcohol
Concen: 235.738 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

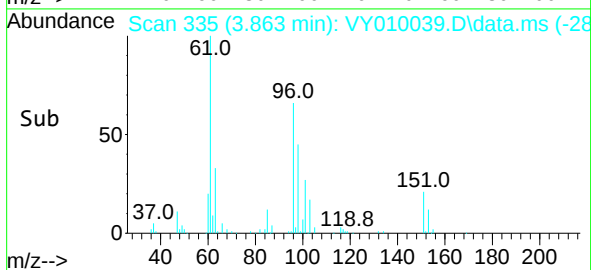
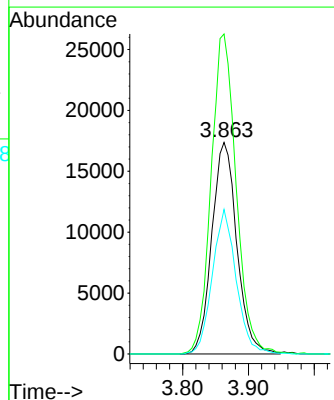
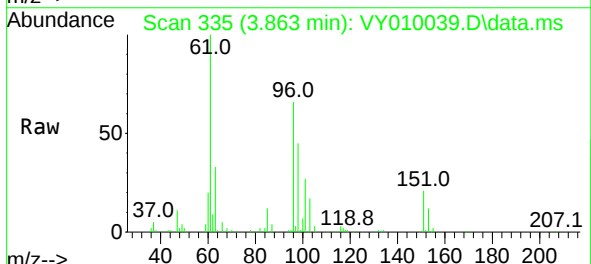
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

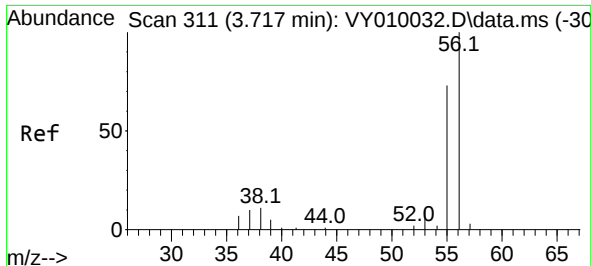
Tgt Ion: 59 Resp: 24942
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 49.149 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 96 Resp: 46025
Ion Ratio Lower Upper
96 100
61 151.2 117.8 176.8
98 68.3 51.9 77.9

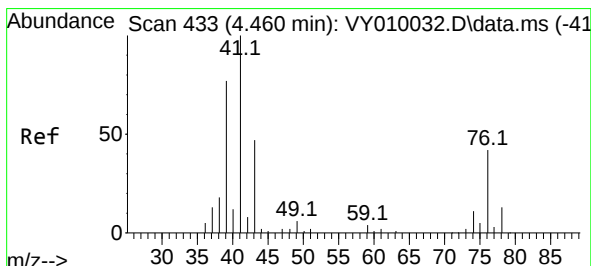
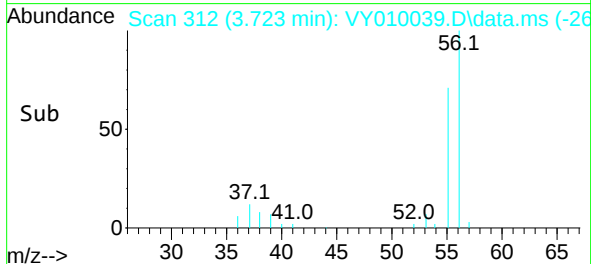
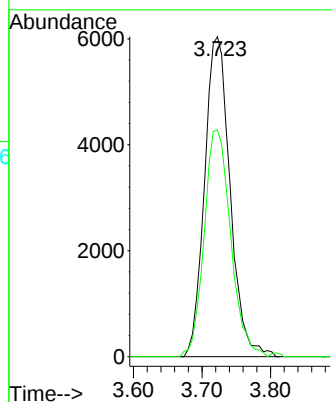
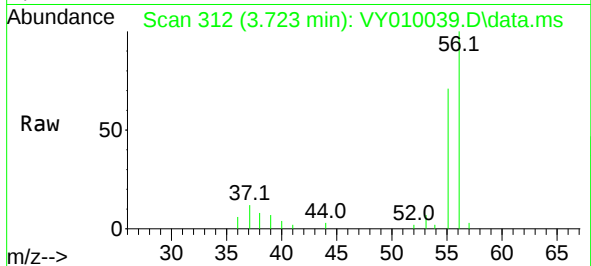




#13
Acrolein
Concen: 205.284 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

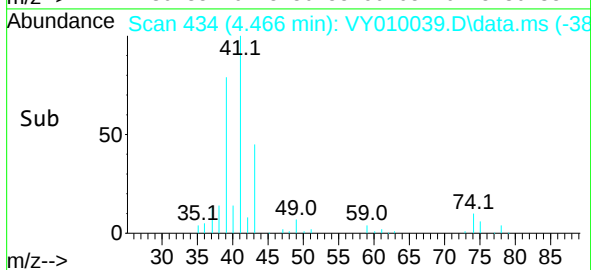
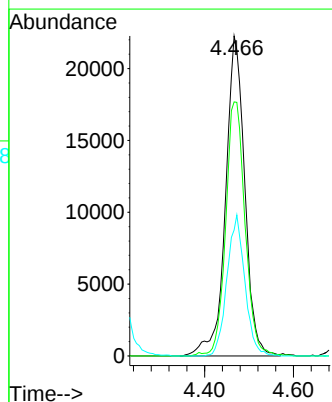
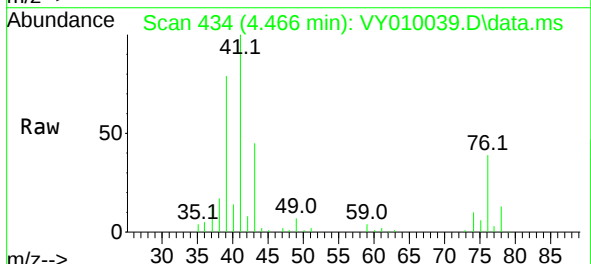
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

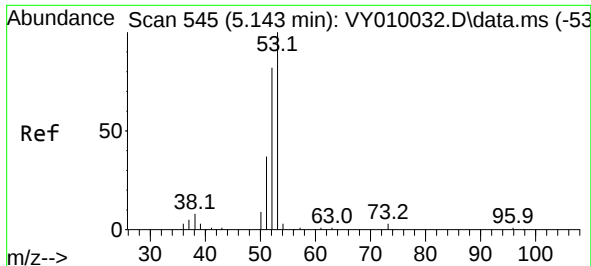
Tgt Ion: 56 Resp: 15647
Ion Ratio Lower Upper
56 100
55 73.5 59.4 89.0



#14
Allyl chloride
Concen: 48.488 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 41 Resp: 66731
Ion Ratio Lower Upper
41 100
39 80.4 63.2 94.8
76 41.0 32.7 49.1

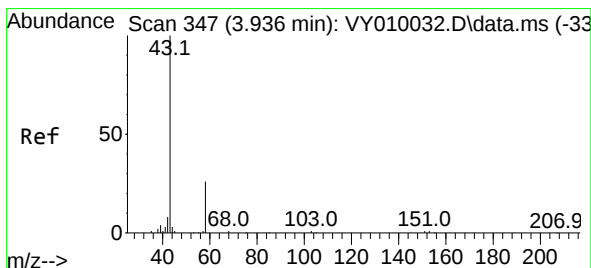
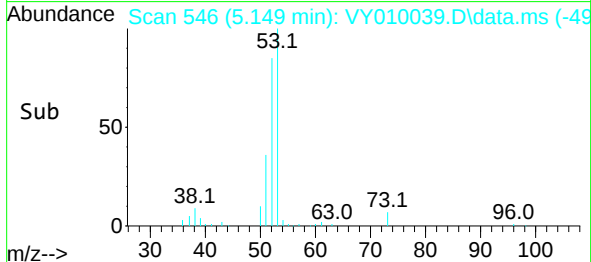
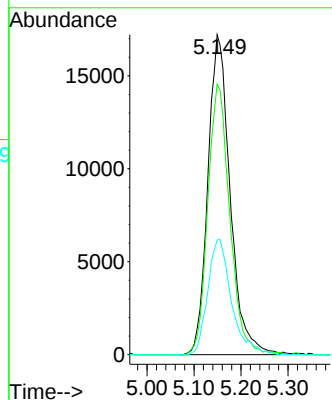
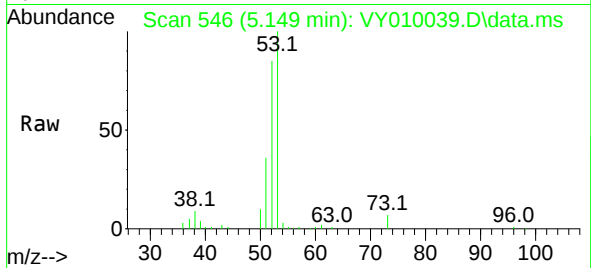




#15
Acrylonitrile
Concen: 221.891 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

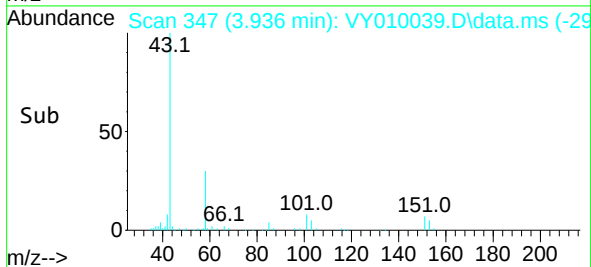
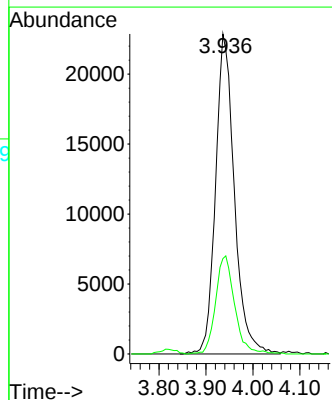
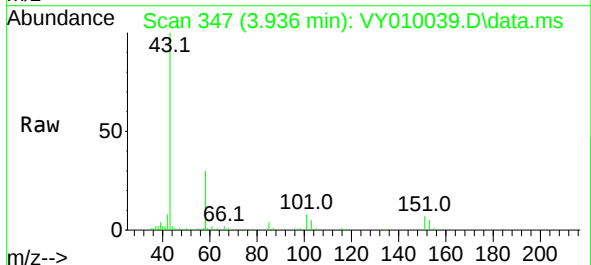
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

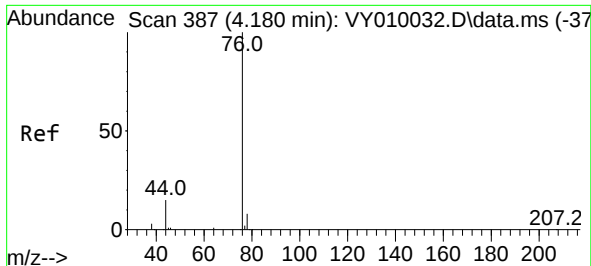
Tgt Ion: 53 Resp: 56540
Ion Ratio Lower Upper
53 100
52 83.6 65.1 97.7
51 38.5 30.2 45.4



#16
Acetone
Concen: 259.670 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 43 Resp: 63510
Ion Ratio Lower Upper
43 100
58 29.5 21.4 32.0

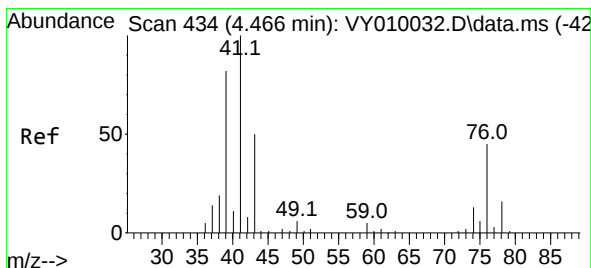
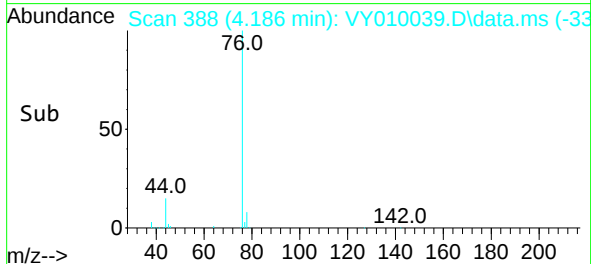
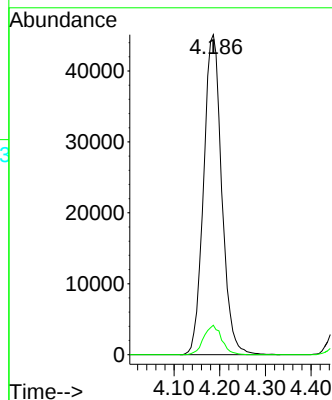
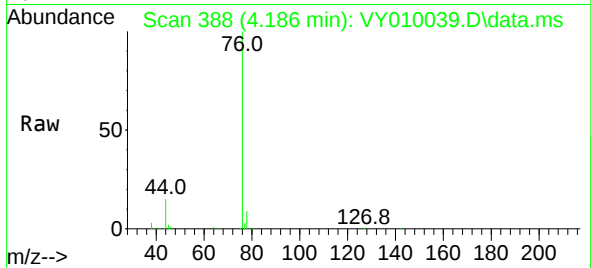




#17
Carbon Disulfide
Concen: 46.437 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

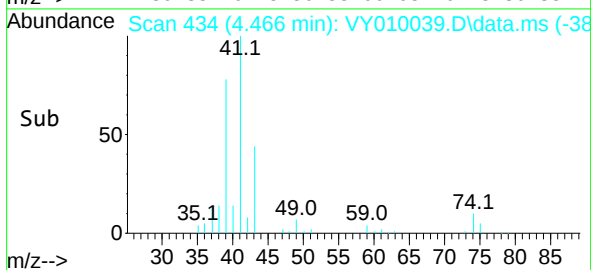
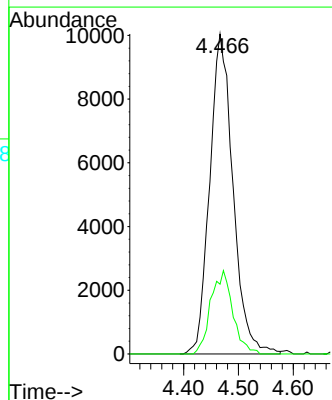
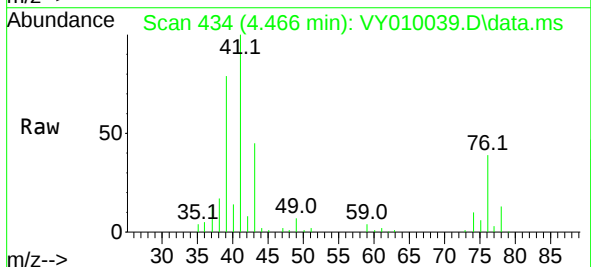
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 124559
Ion Ratio Lower Upper
76 100
78 9.2 6.7 10.1



#18
Methyl Acetate
Concen: 41.809 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 43 Resp: 29618
Ion Ratio Lower Upper
43 100
74 24.6 20.7 31.1





#19

Methyl tert-butyl Ether

Concen: 48.578 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

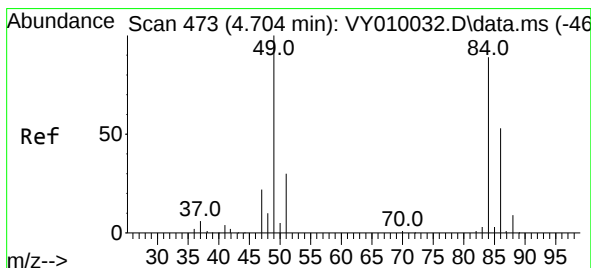
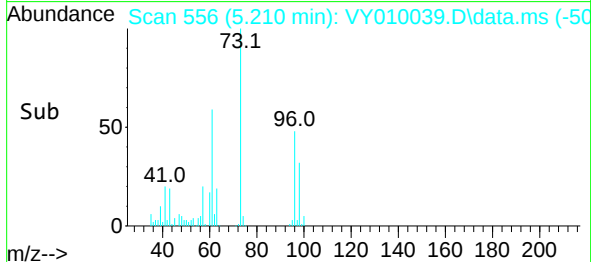
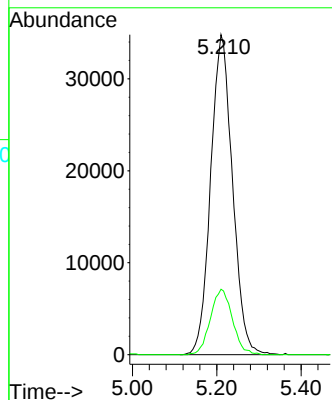
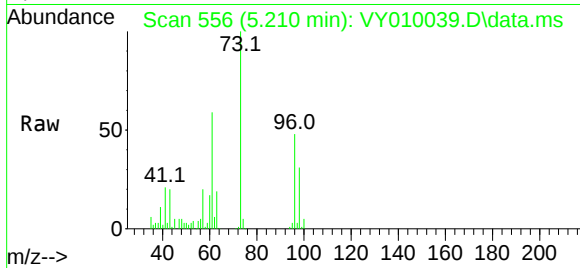
VSTDCCC050

Tgt Ion: 73 Resp: 124992

Ion Ratio Lower Upper

73 100

57 20.5 15.4 23.0



#20

Methylene Chloride

Concen: 49.718 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Tgt Ion: 84 Resp: 56273

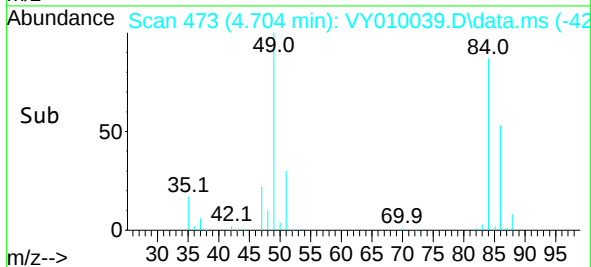
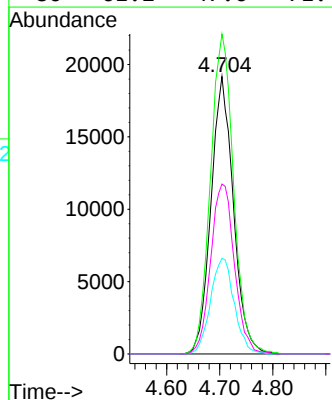
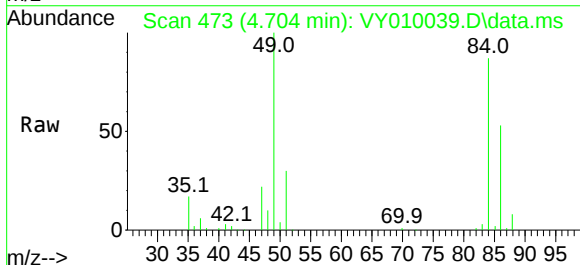
Ion Ratio Lower Upper

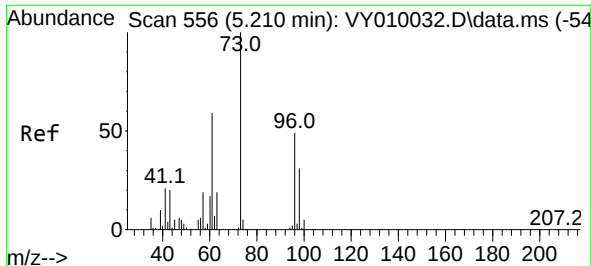
84 100

49 115.4 89.5 134.3

51 34.5 26.8 40.2

86 61.2 47.6 71.4

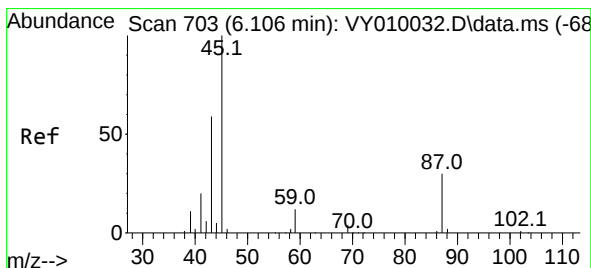
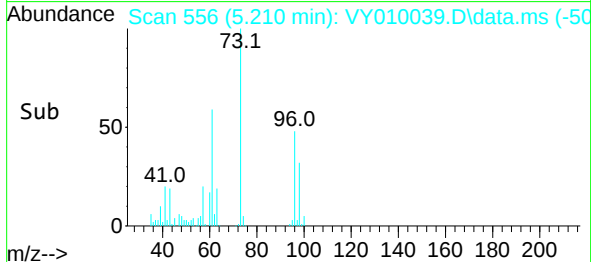
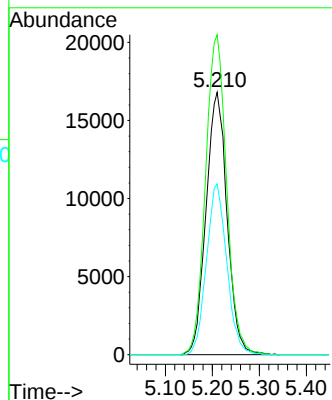
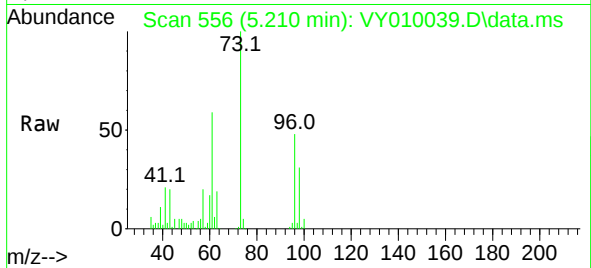




#21
trans-1,2-Dichloroethene
Concen: 48.546 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

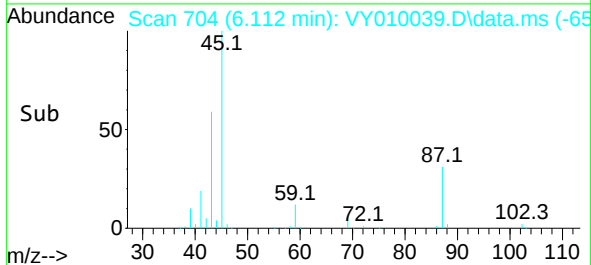
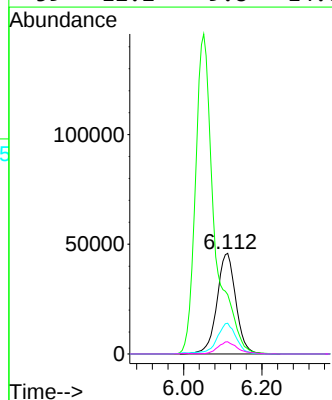
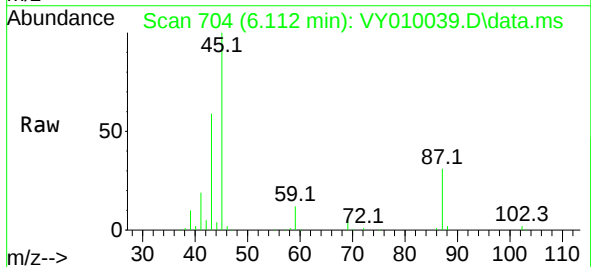
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

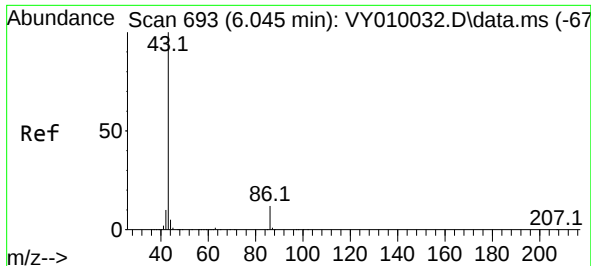
Tgt Ion: 96 Resp: 52282
Ion Ratio Lower Upper
96 100
61 121.9 96.8 145.2
98 65.1 51.0 76.4



#22
Diisopropyl ether
Concen: 56.749 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 45 Resp: 153612
Ion Ratio Lower Upper
45 100
43 58.6 47.5 71.3
87 30.5 24.4 36.6
59 12.2 9.8 14.6

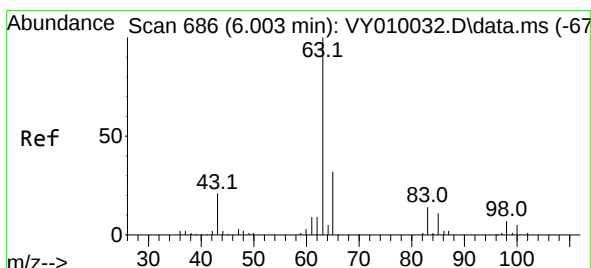
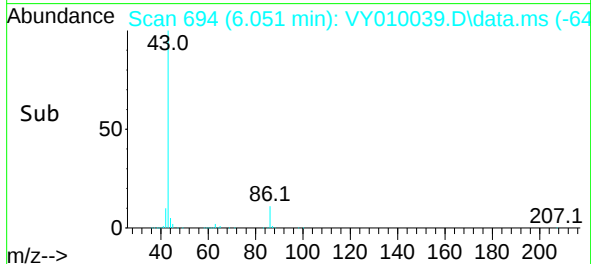
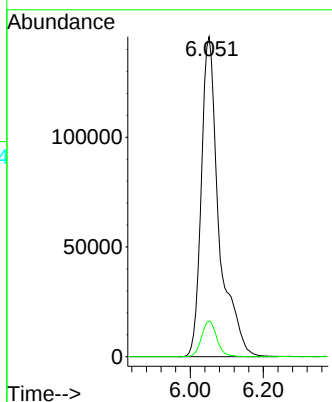
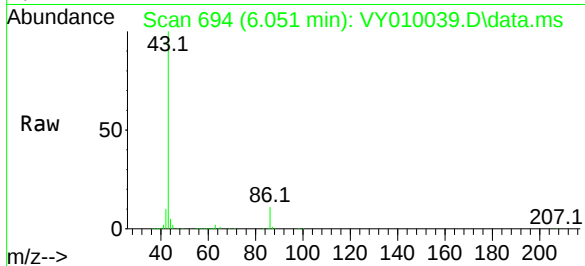




#23
 Vinyl Acetate
 Concen: 286.964 ug/l
 RT: 6.051 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY010039.D
 Acq: 16 Aug 2022 11:51

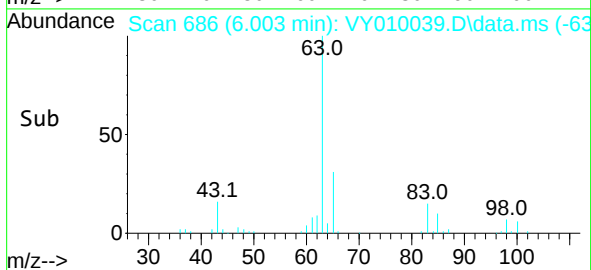
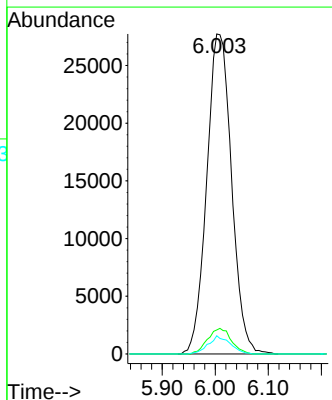
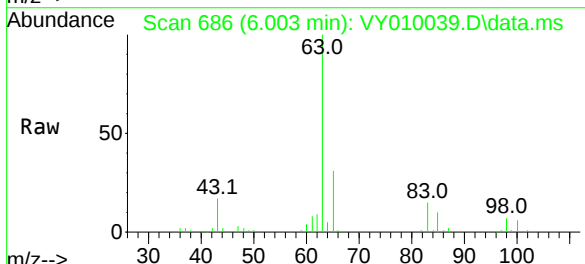
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

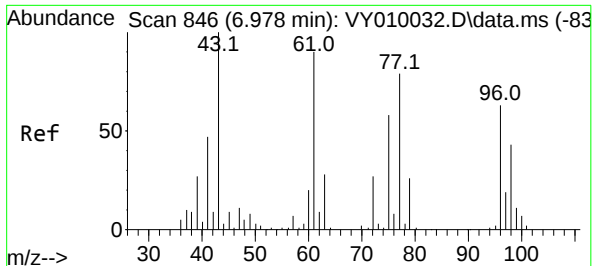
Tgt Ion: 43 Resp: 490152
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 52.488 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY010039.D
 Acq: 16 Aug 2022 11:51

Tgt Ion: 63 Resp: 90232
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 5.7 2.3 6.8





#25

2-Butanone

Concen: 266.658 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

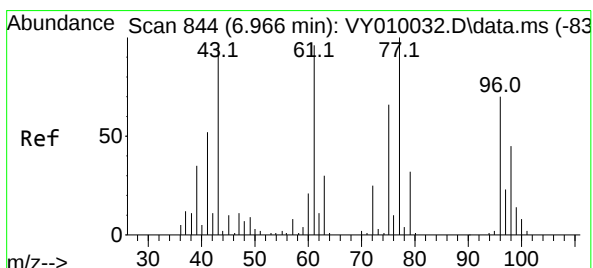
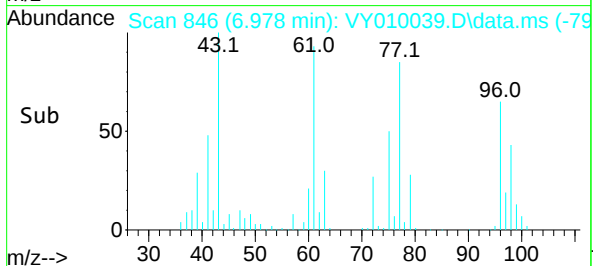
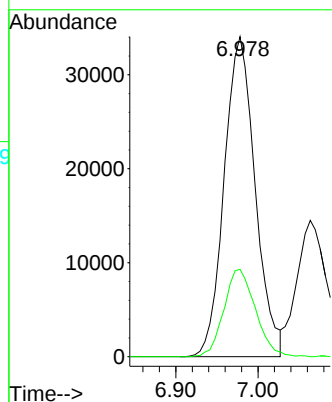
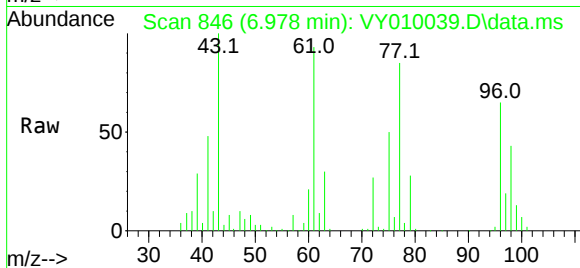
VSTDCCC050

Tgt Ion: 43 Resp: 89223

Ion Ratio Lower Upper

43 100

72 27.3 21.7 32.5



#26

2,2-Dichloropropane

Concen: 51.838 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010039.D

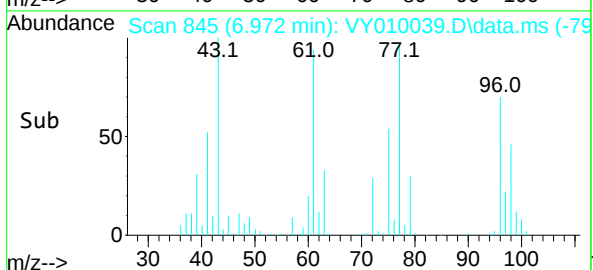
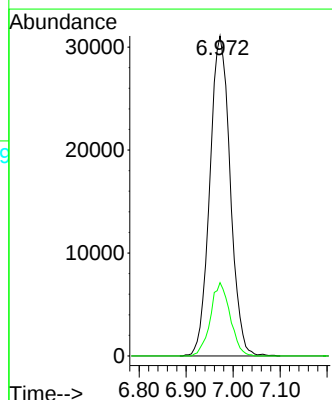
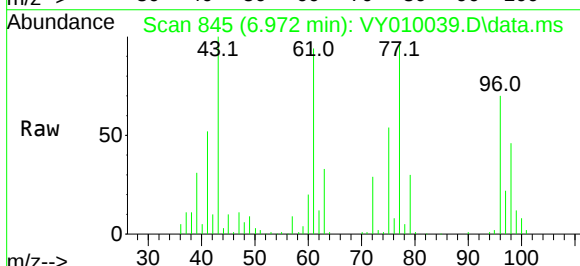
Acq: 16 Aug 2022 11:51

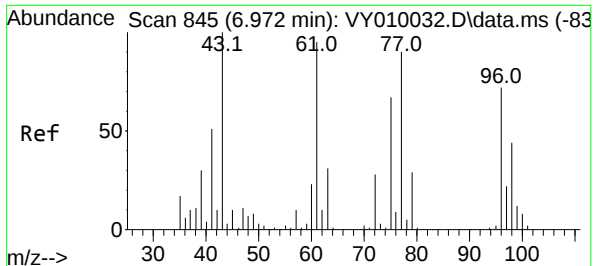
Tgt Ion: 77 Resp: 93654

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.740 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

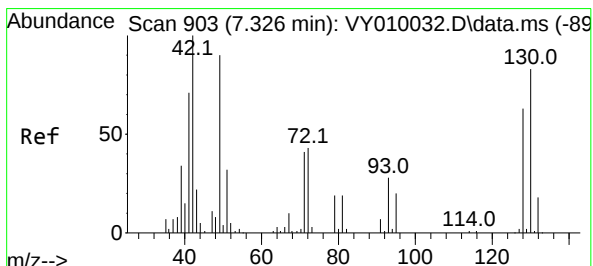
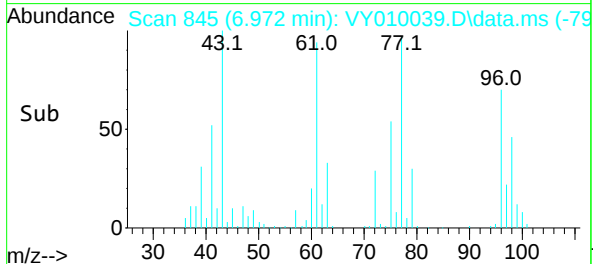
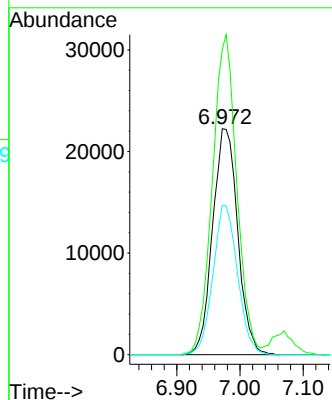
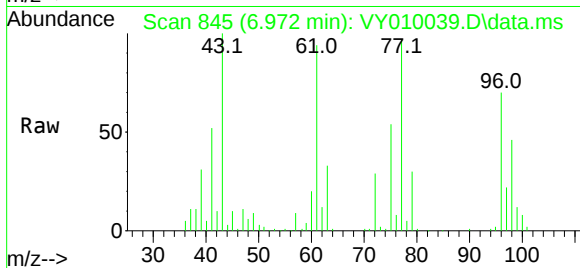
Tgt Ion: 96 Resp: 61276

Ion Ratio Lower Upper

96 100

61 137.3 0.0 276.0

98 64.7 0.0 128.4



#28

Bromochloromethane

Concen: 52.862 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

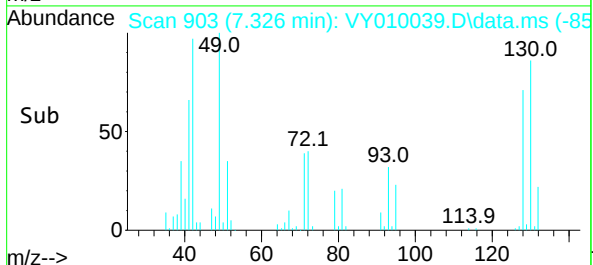
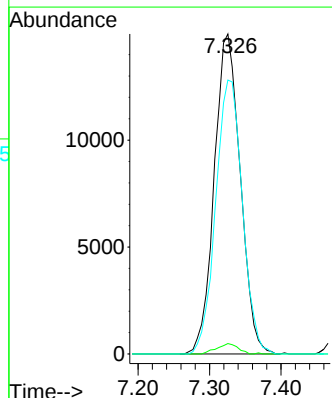
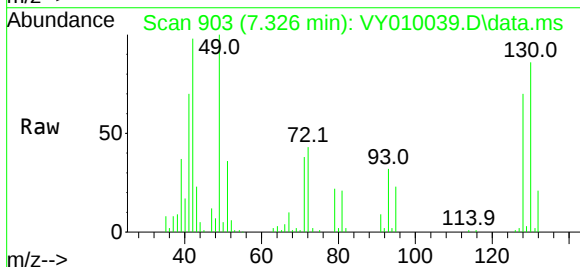
Tgt Ion: 49 Resp: 37815

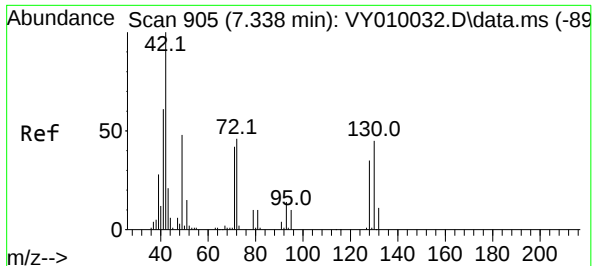
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

130 87.8 71.0 106.4





#29

Tetrahydrofuran

Concen: 250.506 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

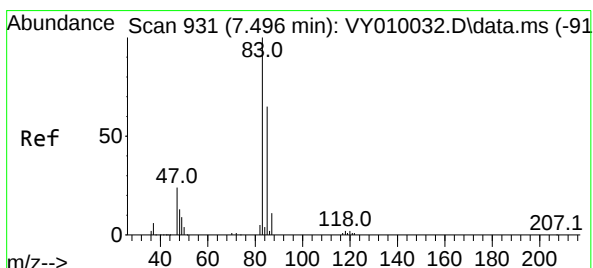
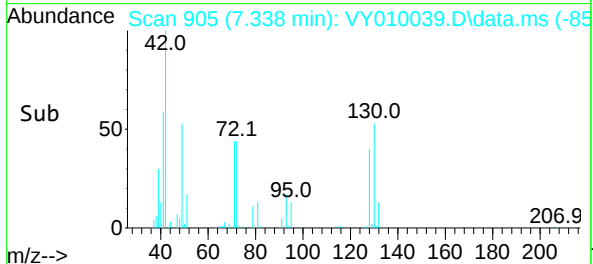
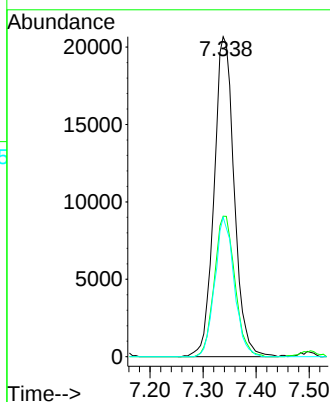
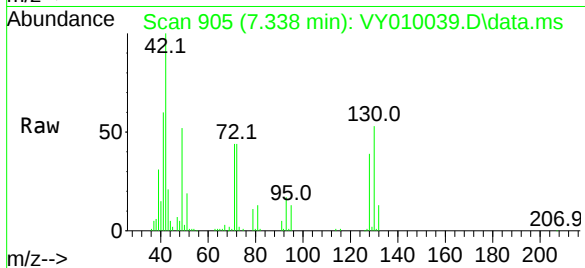
Tgt Ion: 42 Resp: 54443

Ion Ratio Lower Upper

42 100

72 45.1 36.5 54.7

71 42.0 33.4 50.2



#30

Chloroform

Concen: 48.043 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010039.D

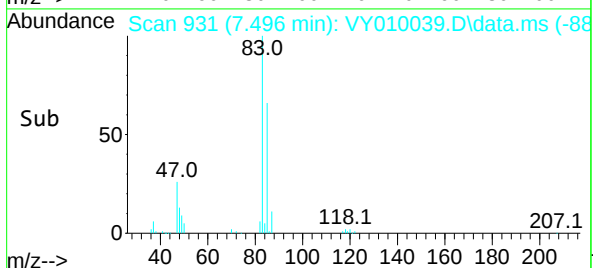
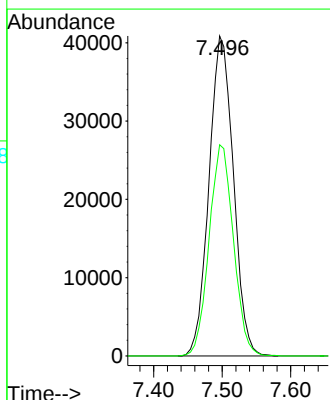
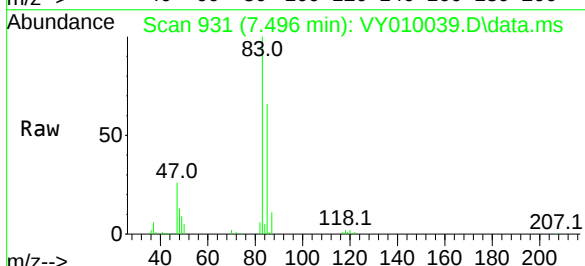
Acq: 16 Aug 2022 11:51

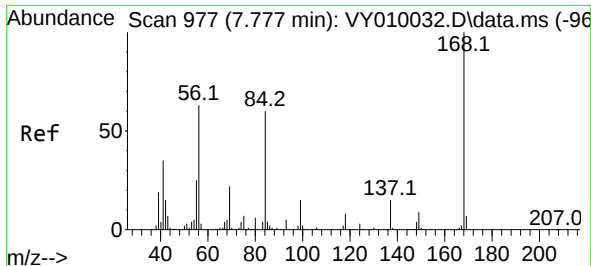
Tgt Ion: 83 Resp: 101004

Ion Ratio Lower Upper

83 100

85 66.0 51.9 77.9

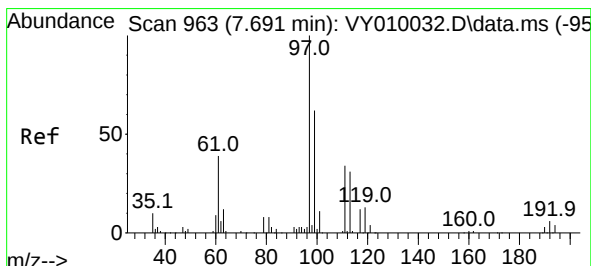
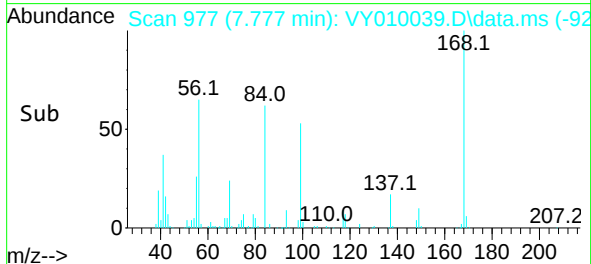
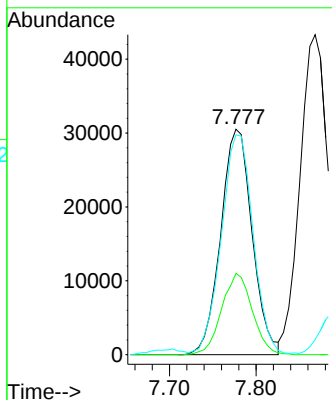
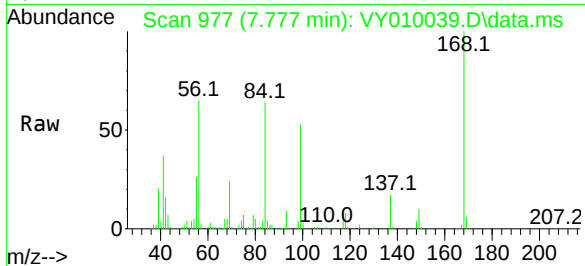




#31
Cyclohexane
Concen: 47.773 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

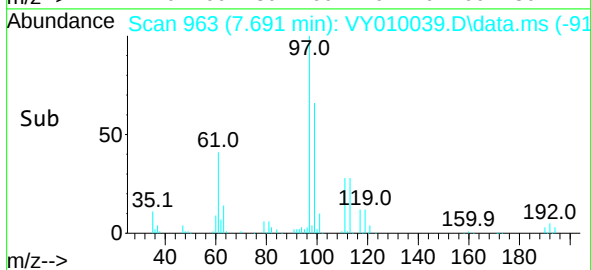
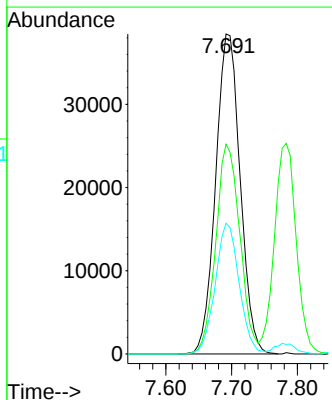
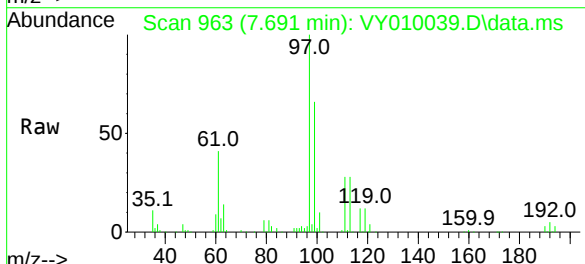
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

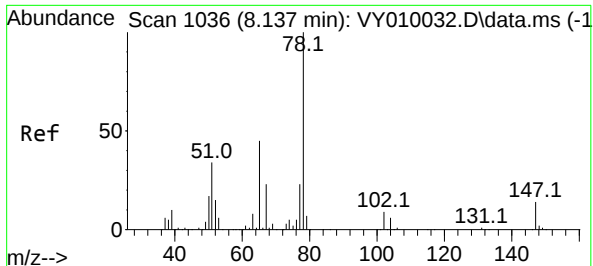
Tgt Ion: 56 Resp: 77079
Ion Ratio Lower Upper
56 100
69 36.0 28.6 43.0
84 95.8 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 52.367 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 97 Resp: 99800
Ion Ratio Lower Upper
97 100
99 64.5 51.3 76.9
61 40.0 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 47.766 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

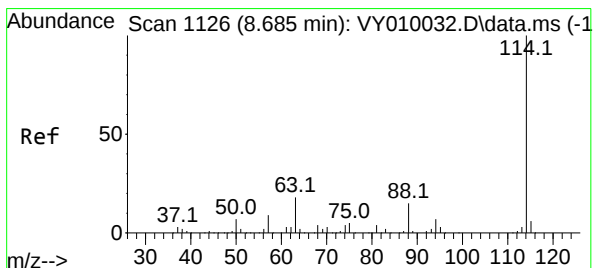
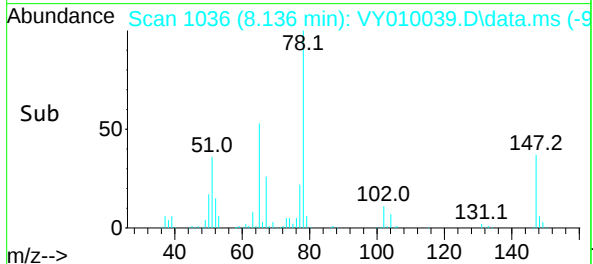
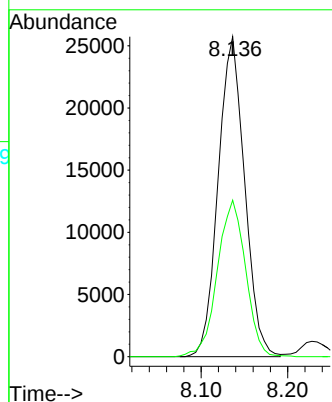
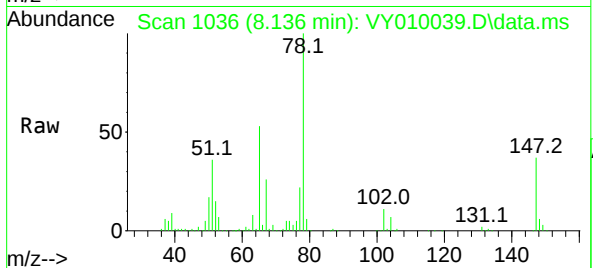
VSTDCCC050

Tgt Ion: 65 Resp: 54543

Ion Ratio Lower Upper

65 100

67 52.4 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: VY010039.D

Acq: 16 Aug 2022 11:51

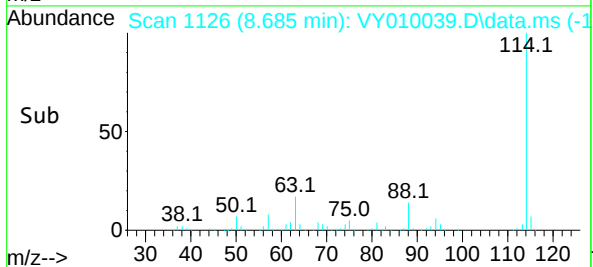
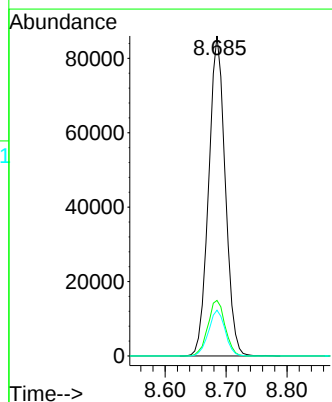
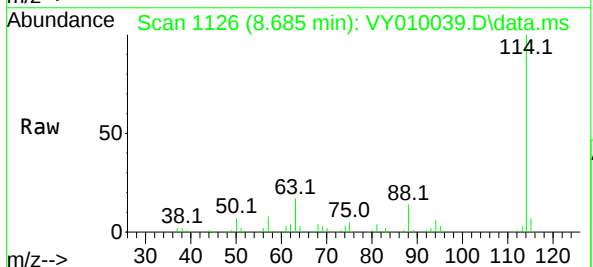
Tgt Ion: 114 Resp: 162634

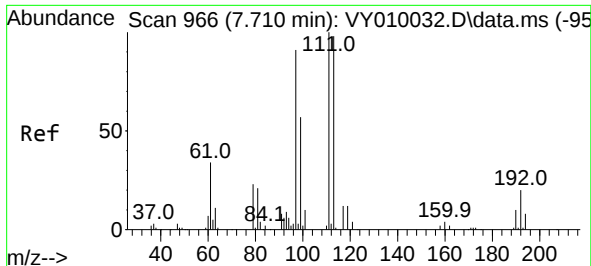
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.2

88 14.3 0.0 30.2

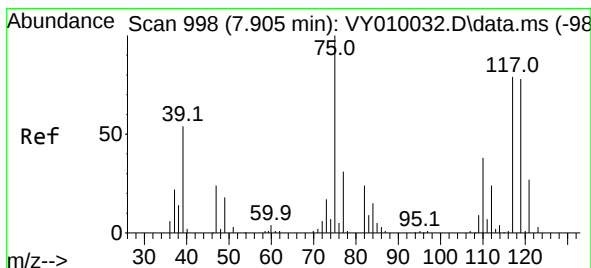
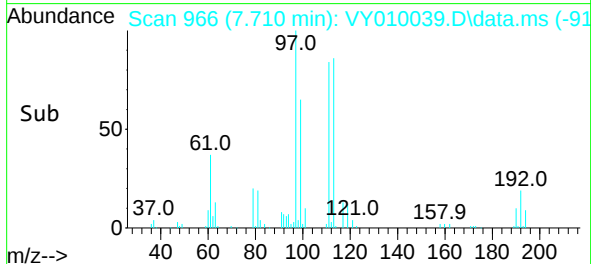
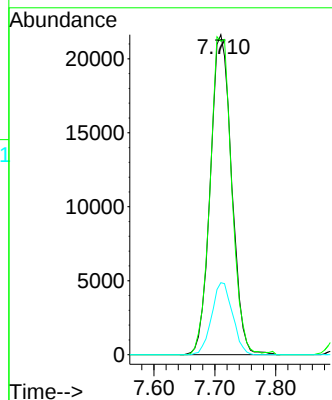
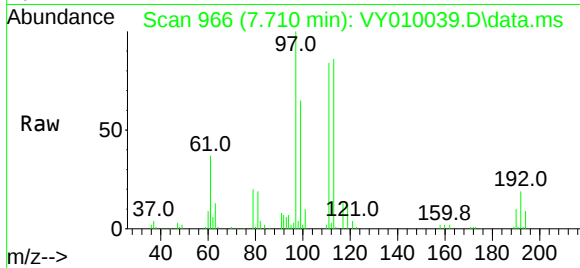




#35
Dibromofluoromethane
Concen: 49.912 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

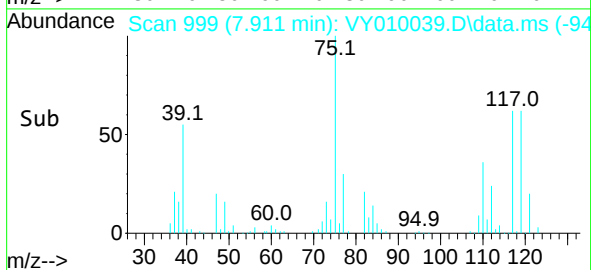
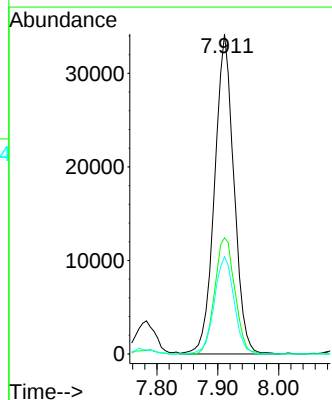
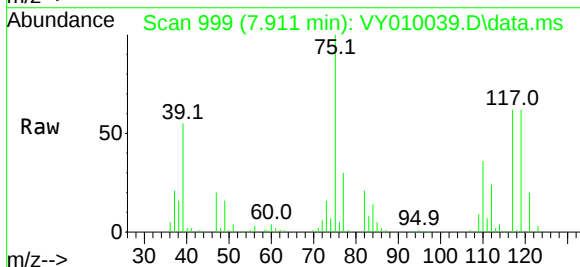
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

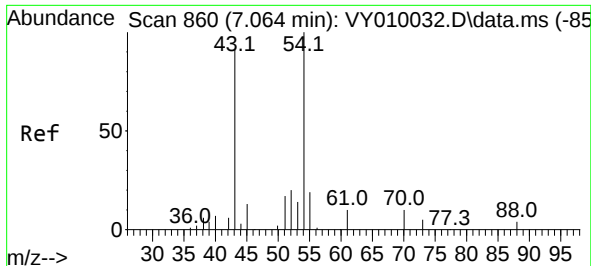
Tgt Ion:113 Resp: 52641
Ion Ratio Lower Upper
113 100
111 100.2 82.7 124.1
192 21.9 17.2 25.8



#36
1,1-Dichloropropene
Concen: 51.191 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 75 Resp: 75211
Ion Ratio Lower Upper
75 100
110 37.8 18.4 55.4
77 30.9 24.6 36.8





#37

Ethyl Acetate

Concen: 51.569 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.001 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

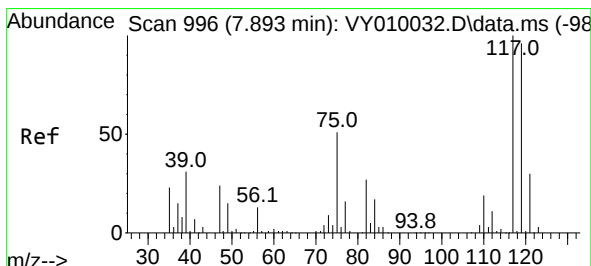
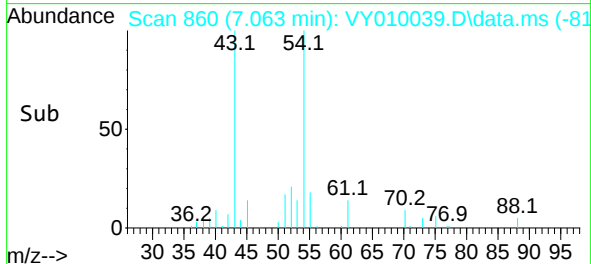
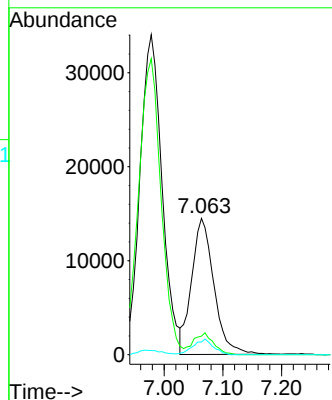
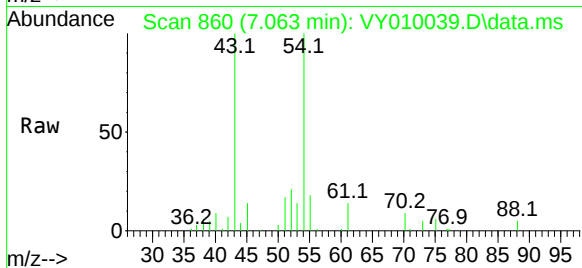
Tgt Ion: 43 Resp: 38155

Ion Ratio Lower Upper

43 100

61 14.6 9.6 14.4#

70 10.2 7.9 11.9



#38

Carbon Tetrachloride

Concen: 51.598 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

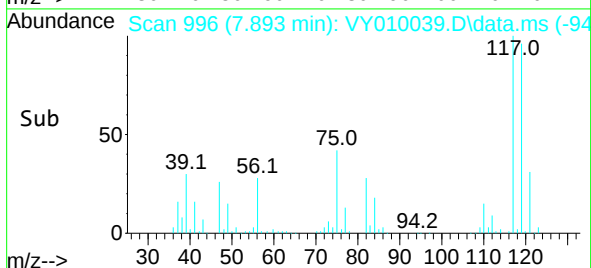
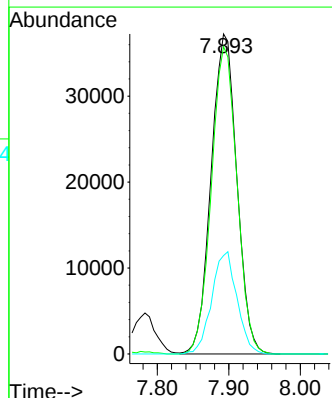
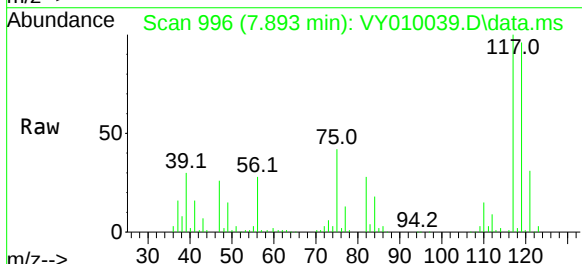
Tgt Ion: 117 Resp: 93234

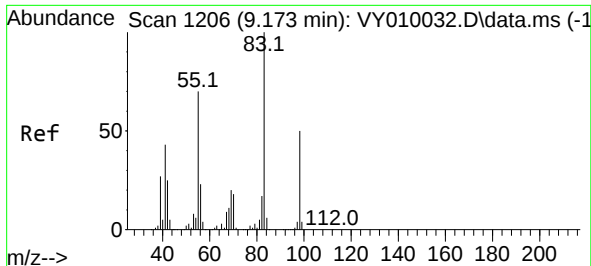
Ion Ratio Lower Upper

117 100

119 96.0 77.0 115.6

121 30.7 24.2 36.4





#39

Methylcyclohexane

Concen: 54.065 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

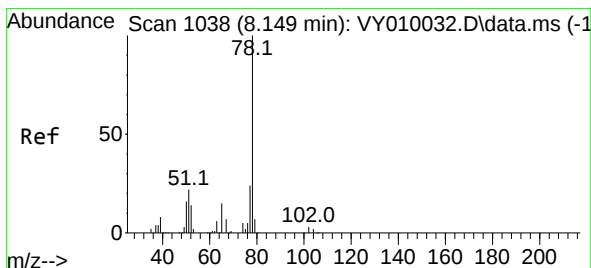
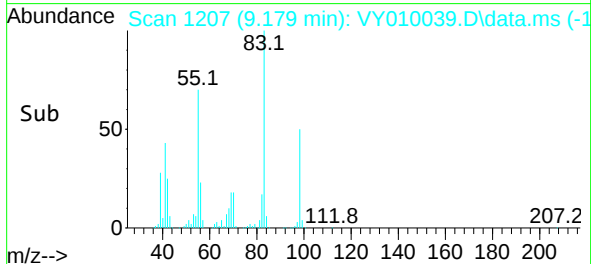
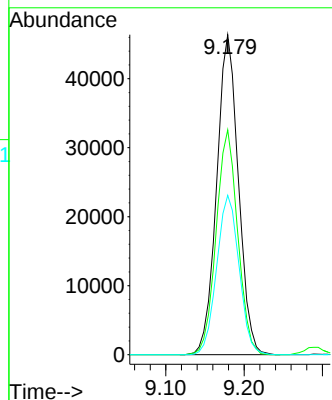
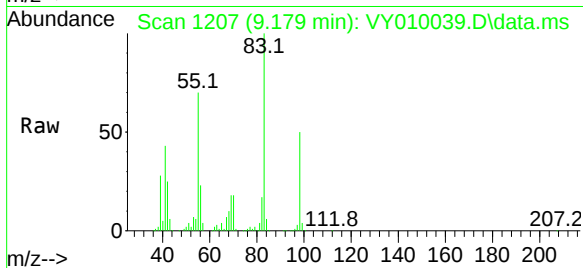
Tgt Ion: 83 Resp: 89496

Ion Ratio Lower Upper

83 100

55 70.2 56.3 84.5

98 49.8 39.8 59.8



#40

Benzene

Concen: 49.789 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010039.D

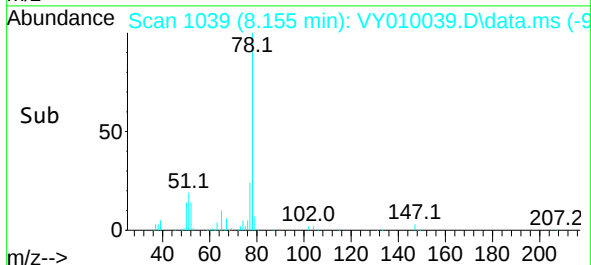
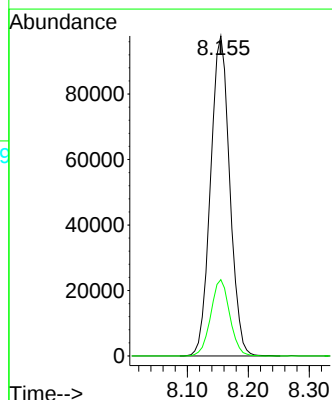
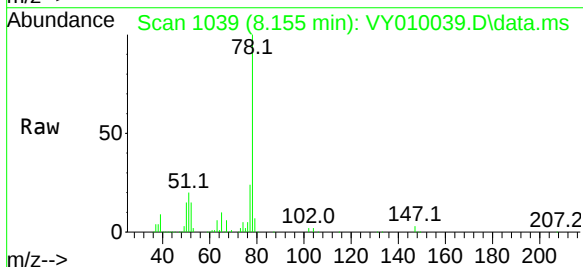
Acq: 16 Aug 2022 11:51

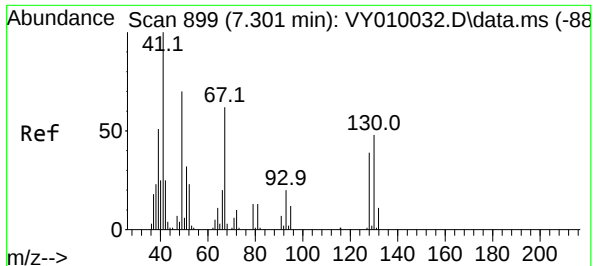
Tgt Ion: 78 Resp: 214005

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

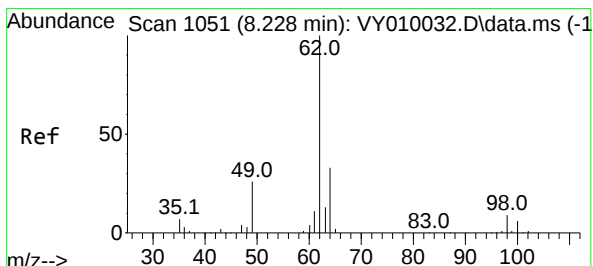
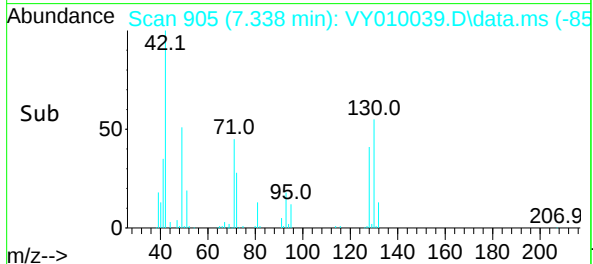
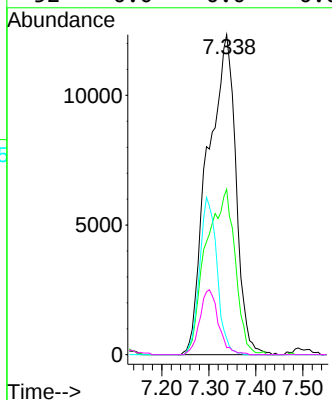
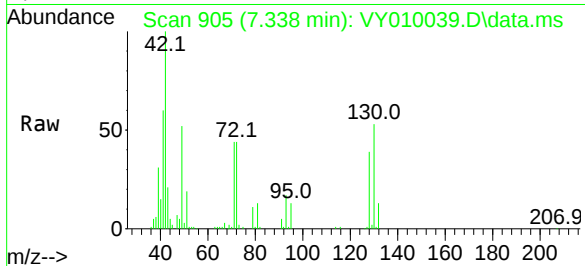




#41
Methacrylonitrile
Concen: 133.791 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

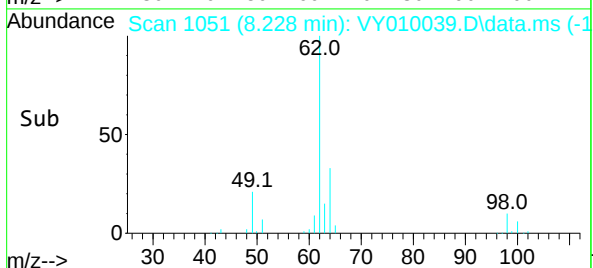
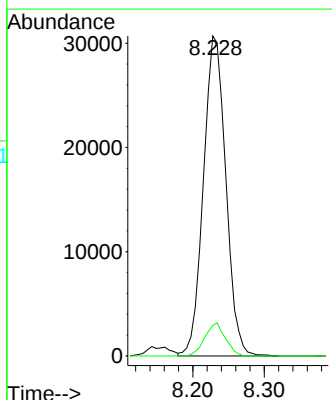
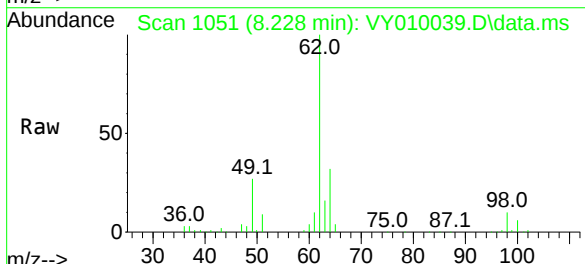
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

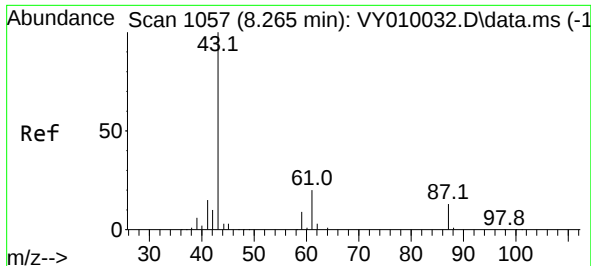
Tgt Ion: 41 Resp: 51131
Ion Ratio Lower Upper
41 100
39 53.6 59.4 89.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.884 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 62 Resp: 66809
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0

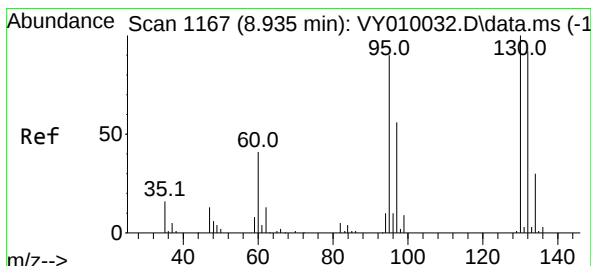
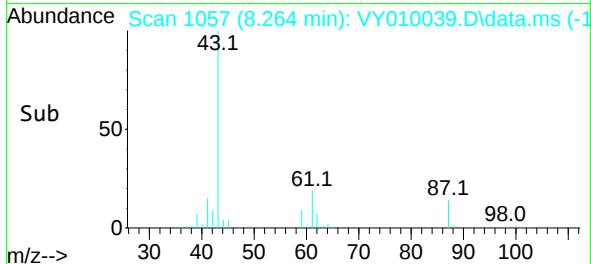
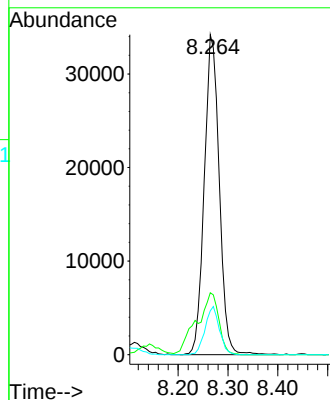
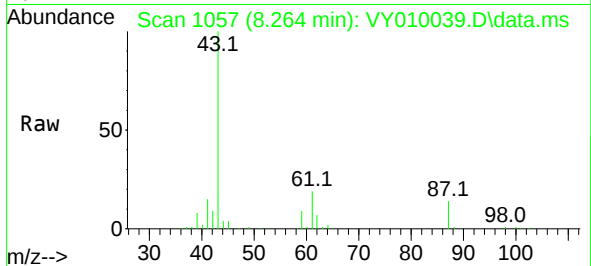




#43
Isopropyl Acetate
Concen: 50.728 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

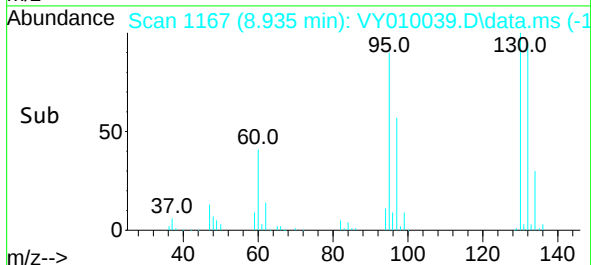
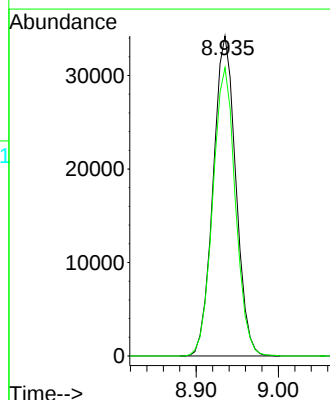
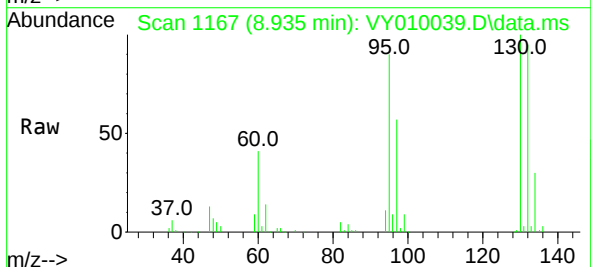
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

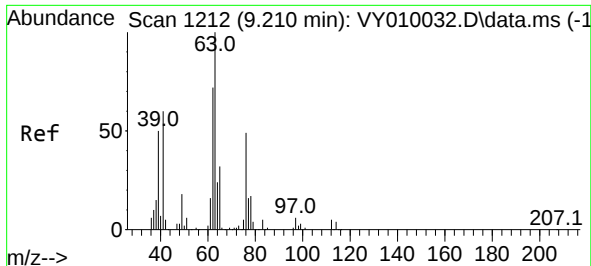
Tgt Ion: 43 Resp: 71243
Ion Ratio Lower Upper
43 100
61 28.5 23.0 34.6
87 14.4 11.1 16.7



#44
Trichloroethene
Concen: 50.303 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion:130 Resp: 65352
Ion Ratio Lower Upper
130 100
95 90.1 0.0 180.0





#45

1,2-Dichloropropane

Concen: 50.423 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

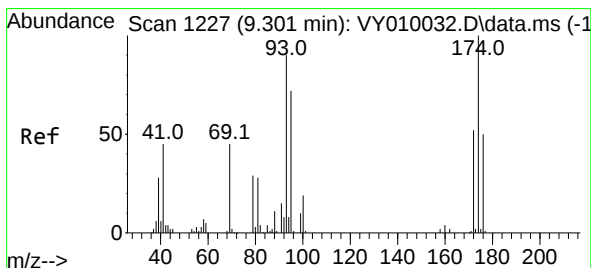
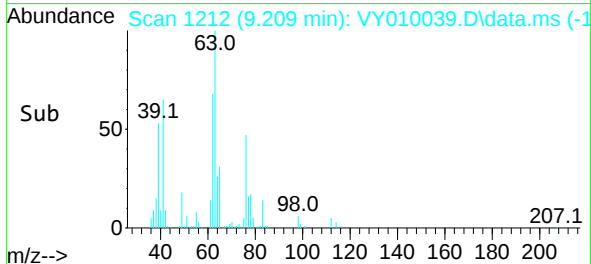
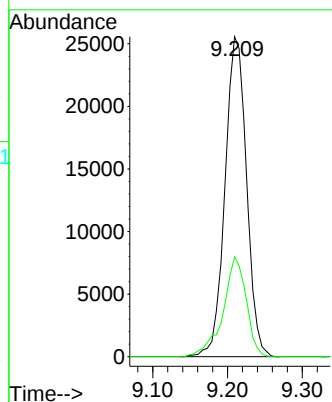
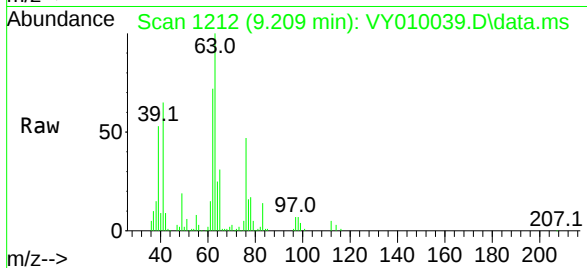
VSTDCCC050

Tgt Ion: 63 Resp: 51245

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.0



#46

Dibromomethane

Concen: 48.070 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

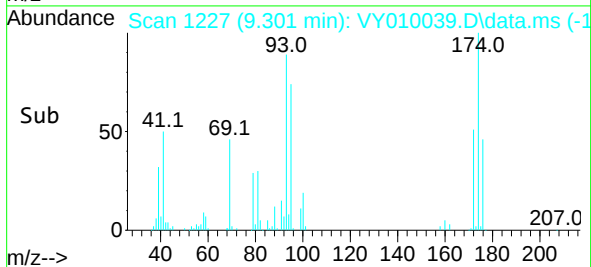
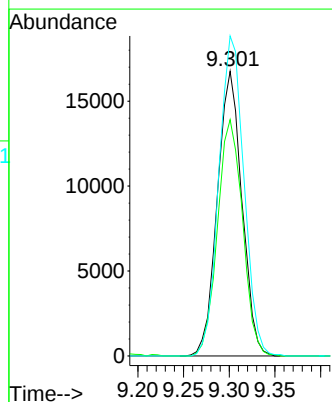
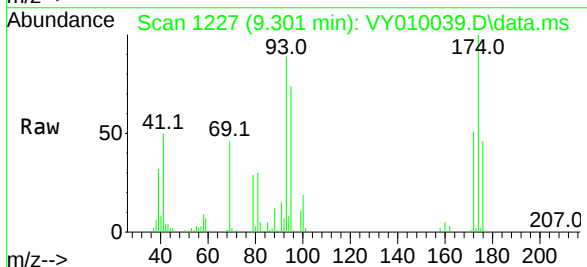
Tgt Ion: 93 Resp: 31289

Ion Ratio Lower Upper

93 100

95 84.7 66.5 99.7

174 114.9 89.5 134.3

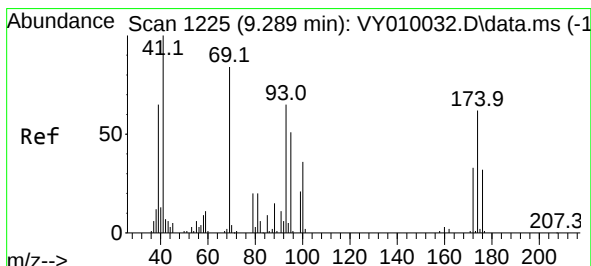
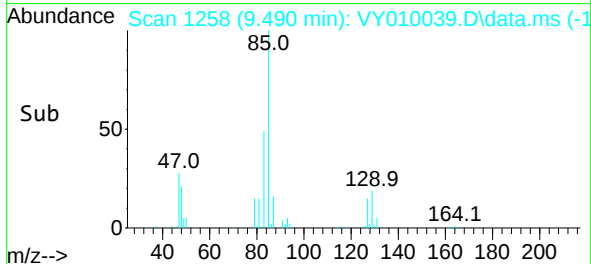
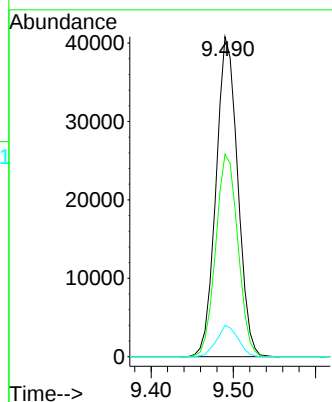
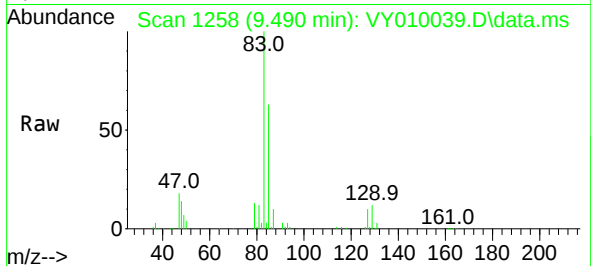




#47
Bromodichloromethane
Concen: 47.664 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

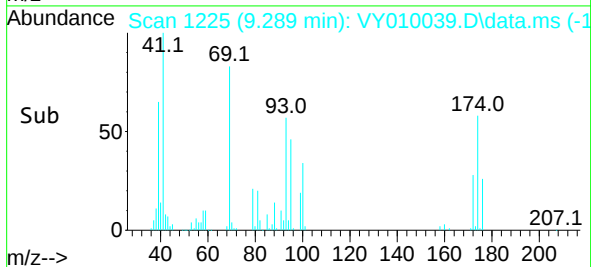
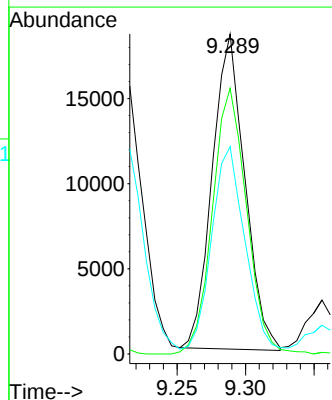
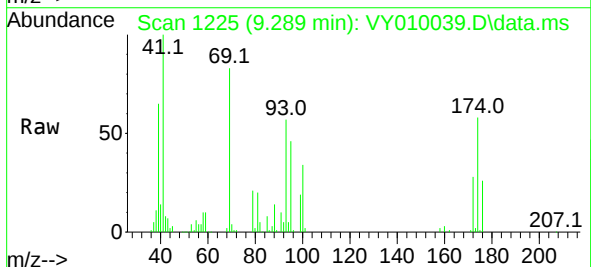
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

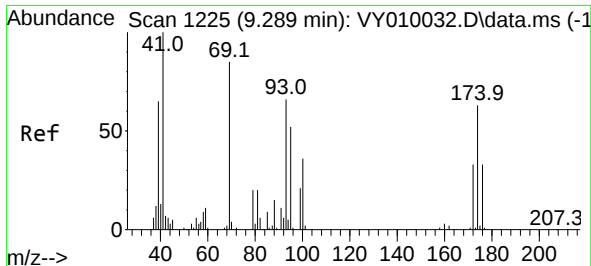
Tgt Ion:	83	Resp:	74835
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.4	75.6
127	9.8	6.8	10.2



#48
Methyl methacrylate
Concen: 50.040 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion:	41	Resp:	30578
Ion	Ratio	Lower	Upper
41	100		
69	88.4	69.1	103.7
39	65.6	51.5	77.3





#49

1,4-Dioxane

Concen: 875.514 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

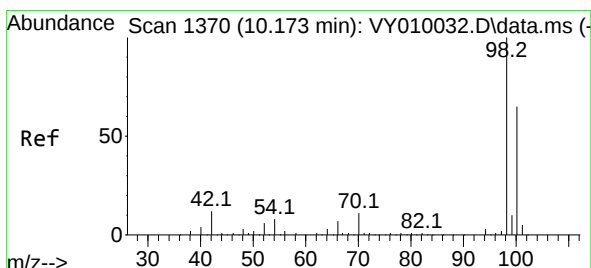
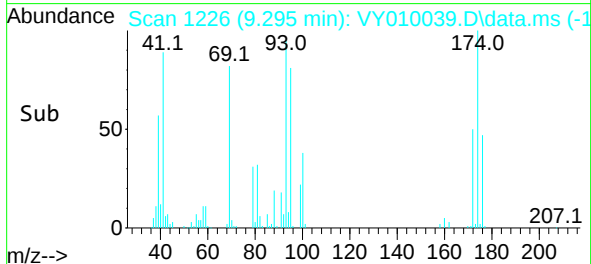
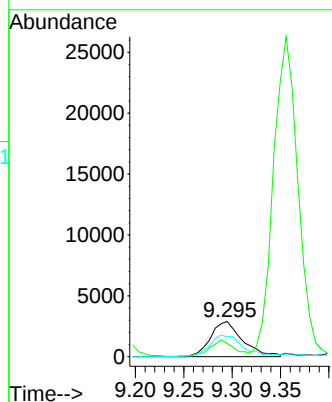
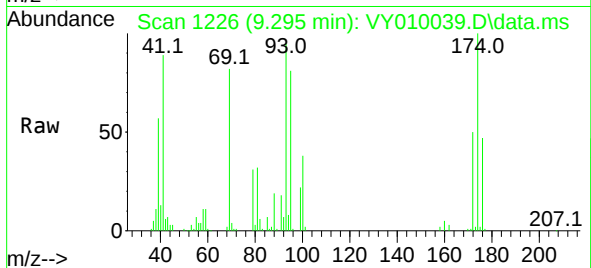
Tgt Ion: 88 Resp: 6618

Ion Ratio Lower Upper

88 100

43 38.2 28.2 42.4

58 63.7 47.2 70.8



#50

Toluene-d8

Concen: 46.114 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010039.D

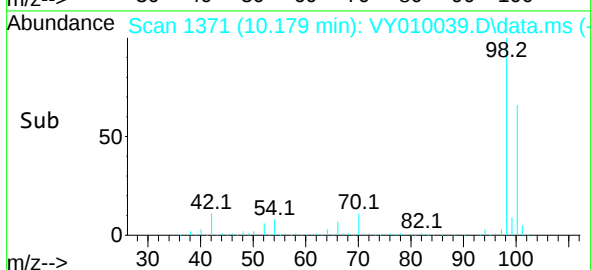
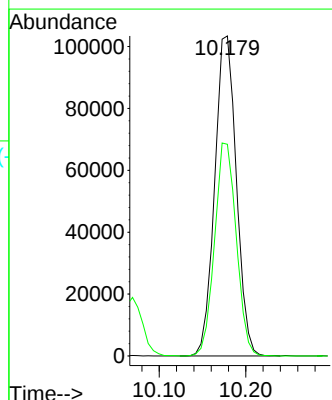
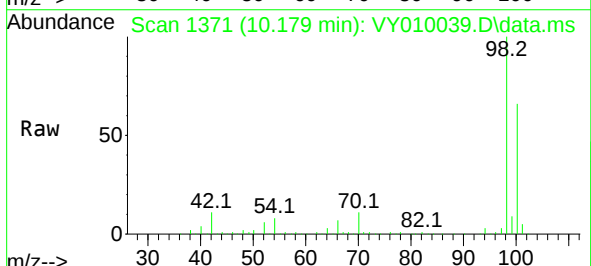
Acq: 16 Aug 2022 11:51

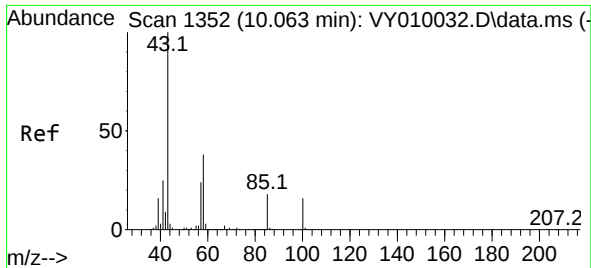
Tgt Ion: 98 Resp: 179939

Ion Ratio Lower Upper

98 100

100 66.6 52.1 78.1

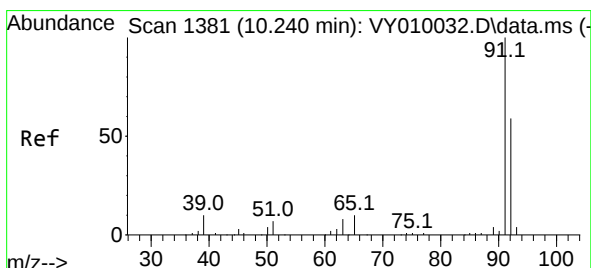
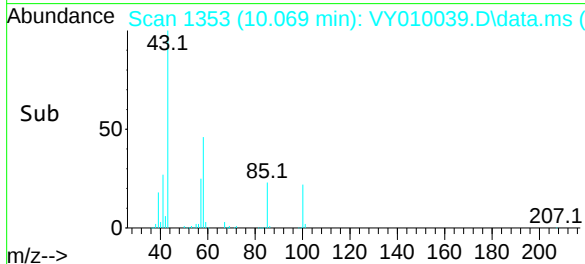
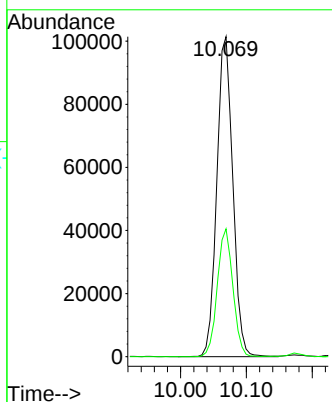
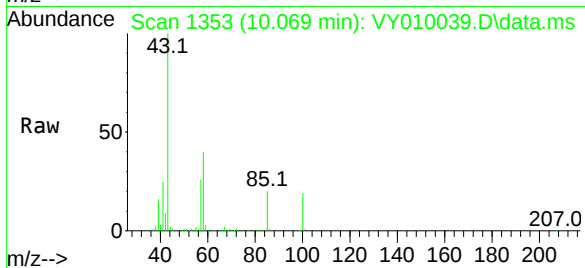




#51
4-Methyl-2-Pentanone
Concen: 221.255 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

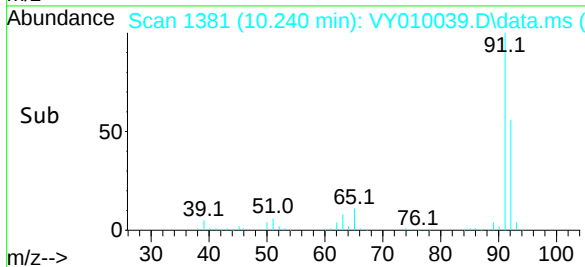
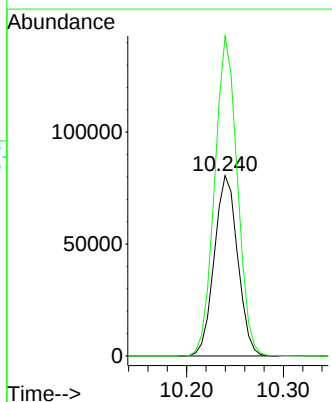
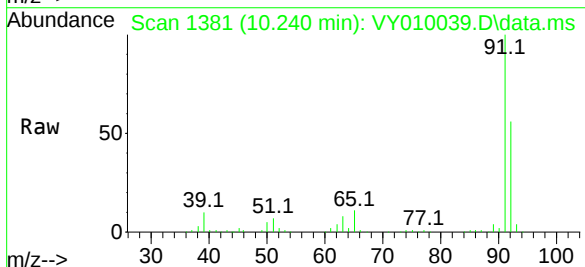
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

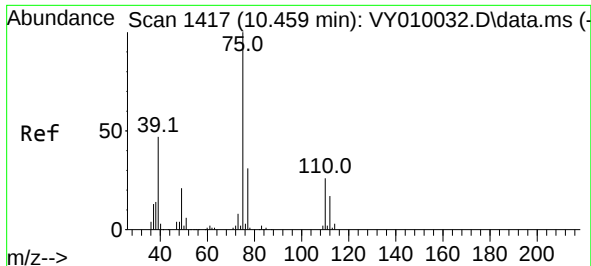
Tgt Ion: 43 Resp: 171432
Ion Ratio Lower Upper
43 100
58 39.0 29.8 44.8



#52
Toluene
Concen: 48.792 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 92 Resp: 135168
Ion Ratio Lower Upper
92 100
91 172.6 137.6 206.4

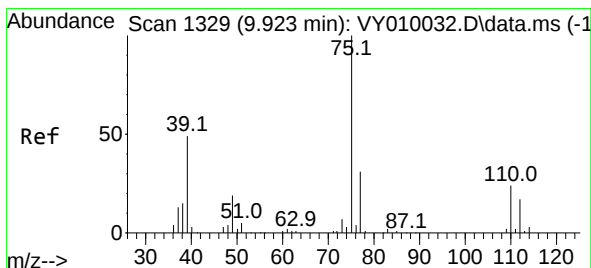
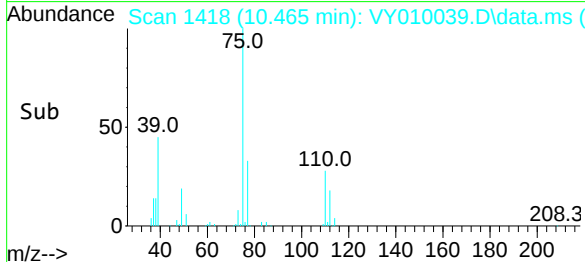
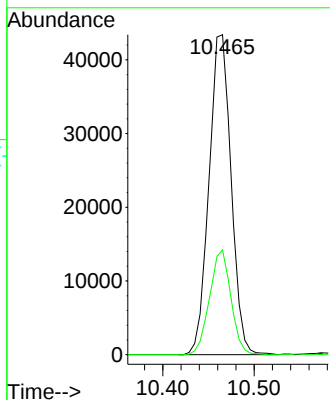
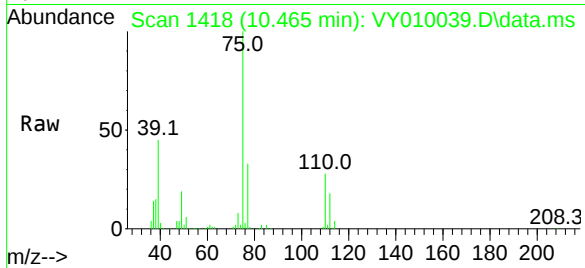




#53
 t-1,3-Dichloropropene
 Concen: 48.241 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY010039.D
 Acq: 16 Aug 2022 11:51

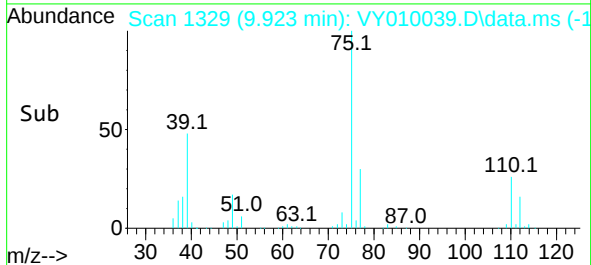
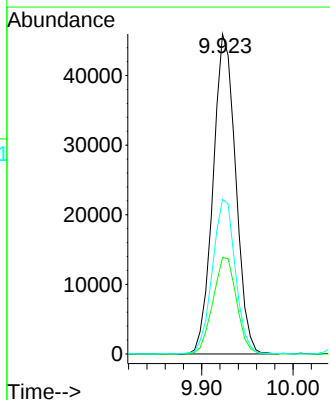
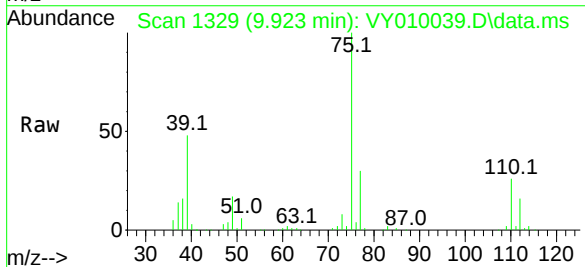
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

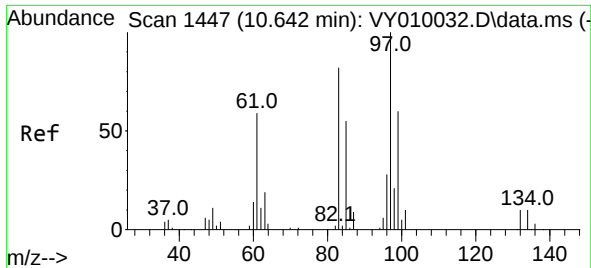
Tgt Ion: 75 Resp: 72942
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 47.816 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY010039.D
 Acq: 16 Aug 2022 11:51

Tgt Ion: 75 Resp: 79086
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 37.0
 39 48.2 39.2 58.8

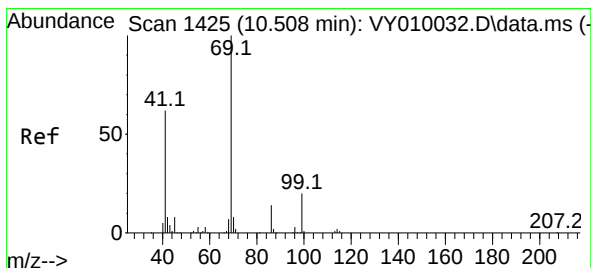
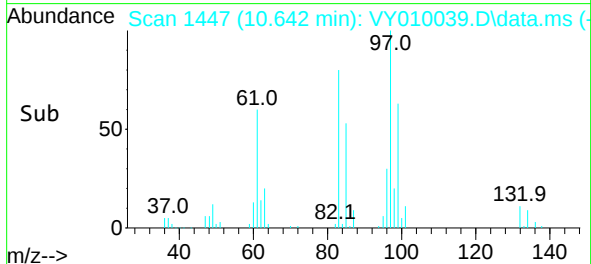
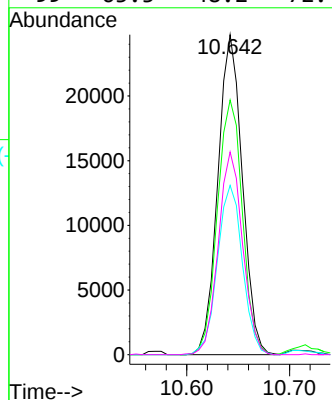
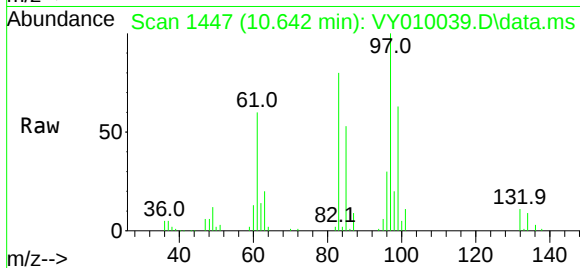




#55
1,1,2-Trichloroethane
Concen: 45.453 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

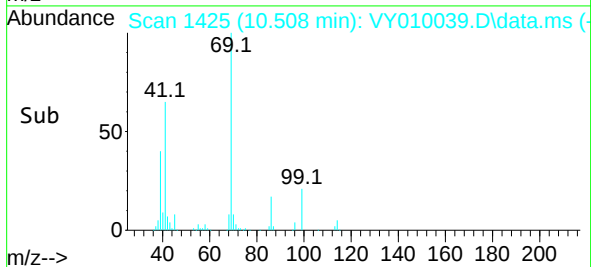
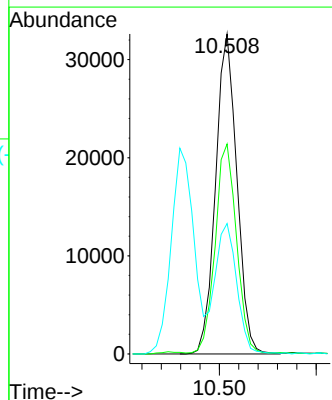
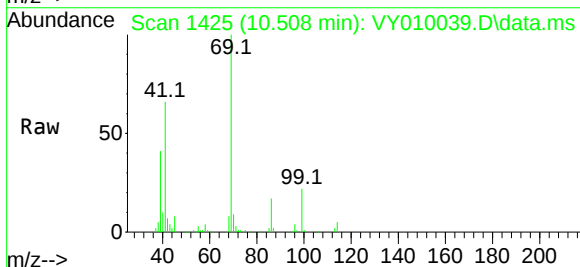
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

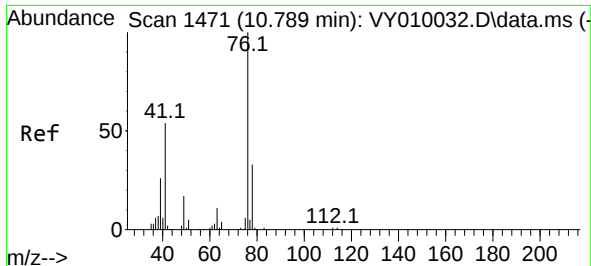
Tgt Ion:	97	Resp:	40865
Ion	Ratio	Lower	Upper
97	100		
83	79.6	65.9	98.9
85	52.9	44.2	66.2
99	63.3	48.2	72.4



#56
Ethyl methacrylate
Concen: 47.872 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion:	69	Resp:	49743
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.8	79.2
39	42.3	32.4	48.6





#57

1,3-Dichloropropane

Concen: 45.956 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

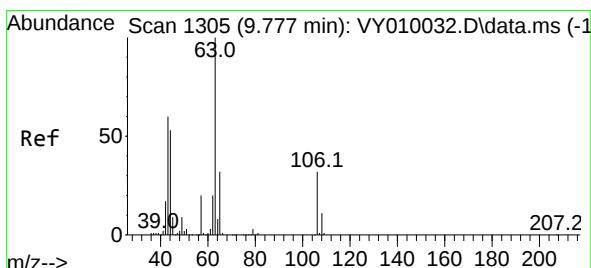
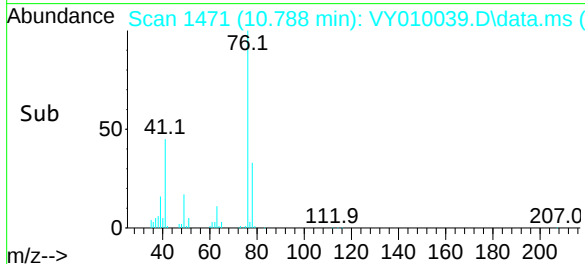
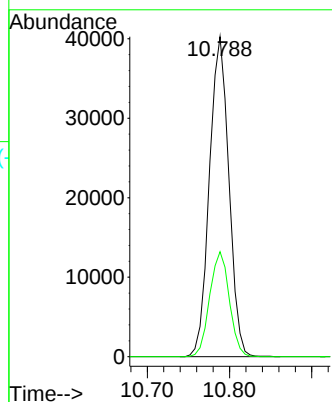
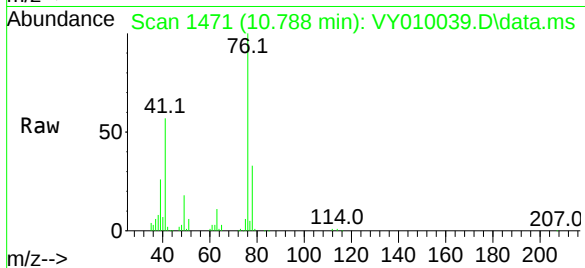
VSTDCCC050

Tgt Ion: 76 Resp: 66145

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 202.651 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VY010039.D

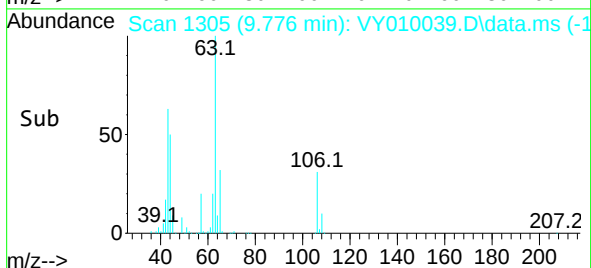
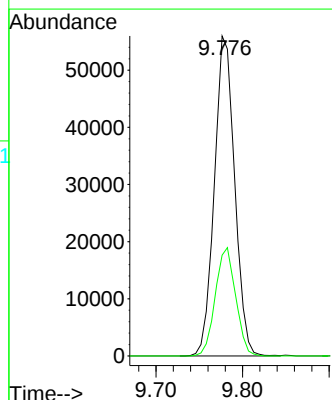
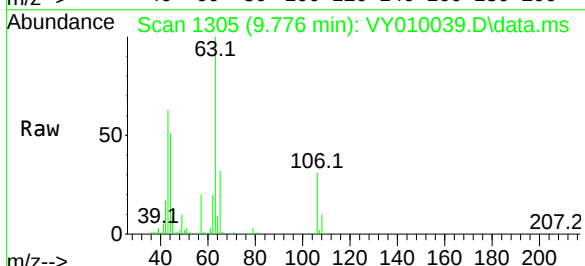
Acq: 16 Aug 2022 11:51

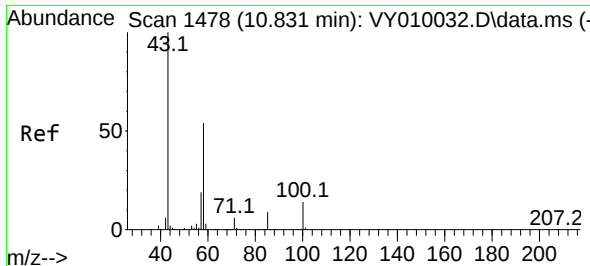
Tgt Ion: 63 Resp: 91128

Ion Ratio Lower Upper

63 100

106 33.9 25.7 38.5

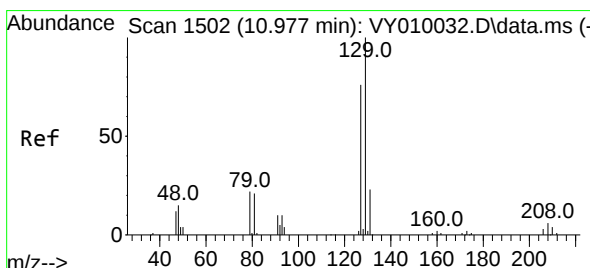
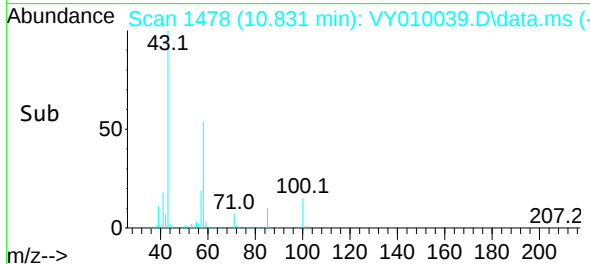
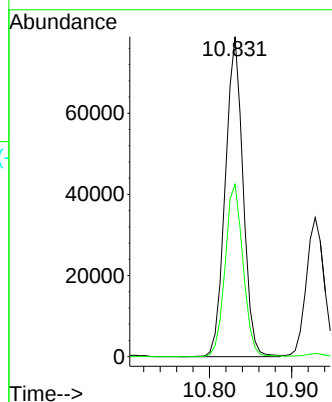
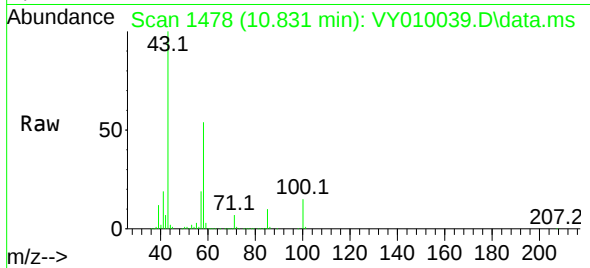




#59
2-Hexanone
Concen: 200.157 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

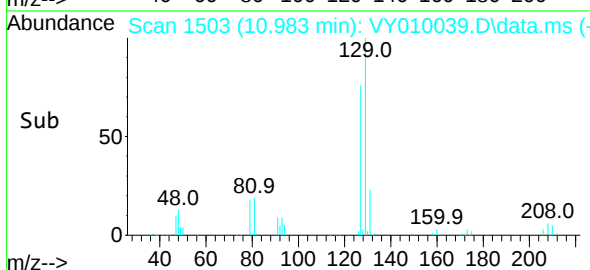
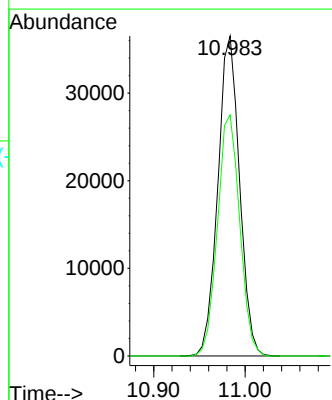
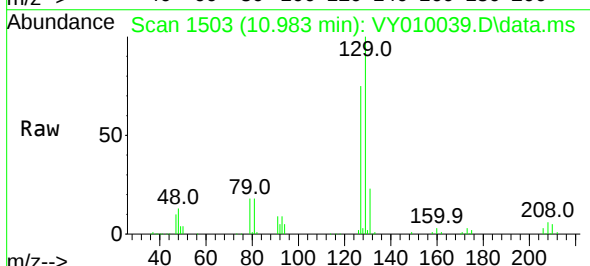
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

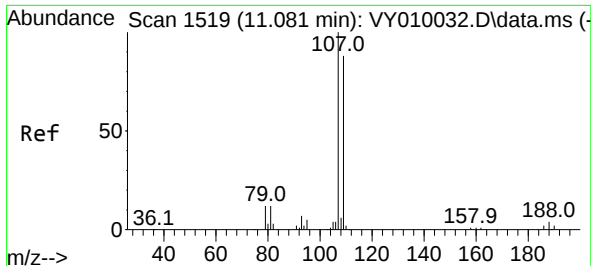
Tgt Ion: 43 Resp: 118359
Ion Ratio Lower Upper
43 100
58 54.5 26.3 78.9



#60
Dibromochloromethane
Concen: 50.639 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 129 Resp: 60302
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.5

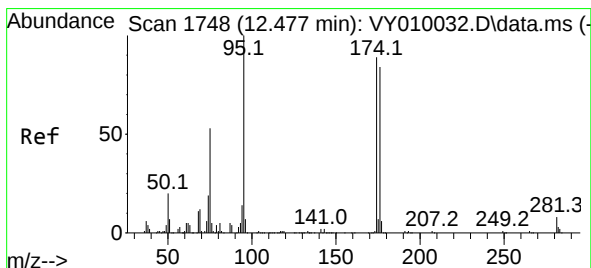
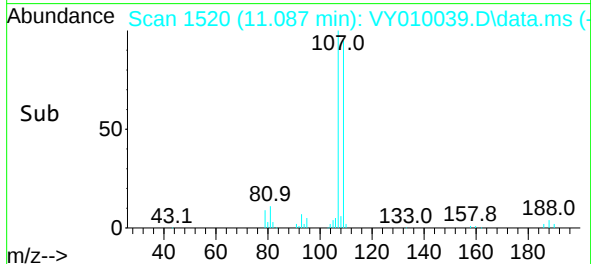
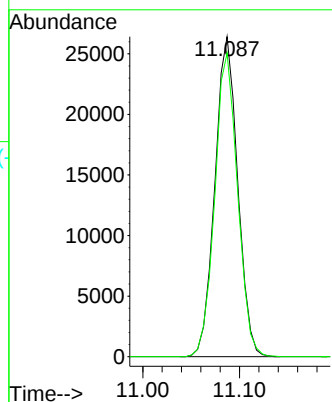
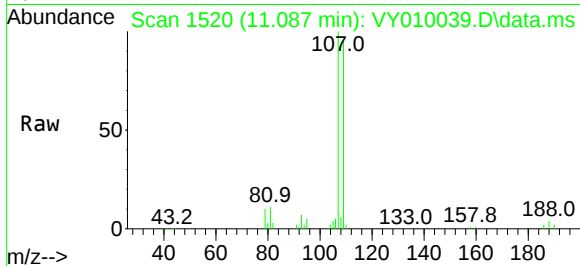




#61
1,2-Dibromoethane
Concen: 49.248 ug/l
RT: 11.087 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

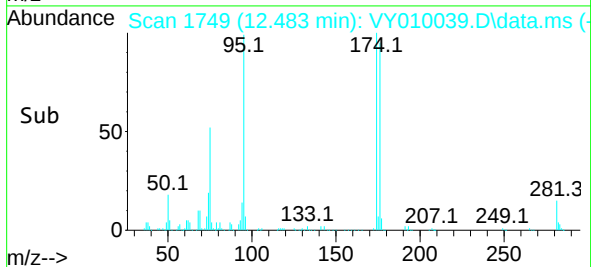
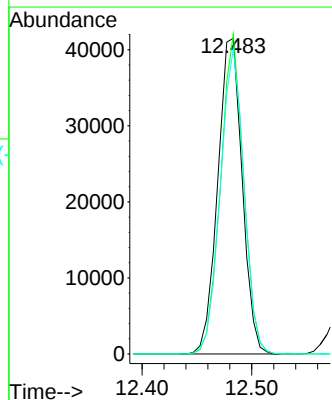
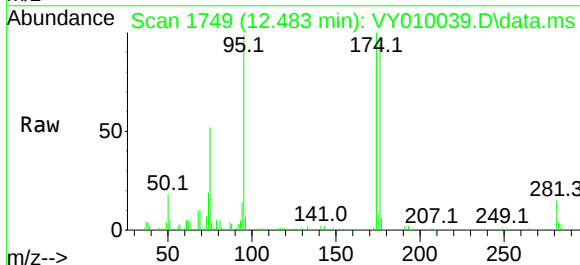
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

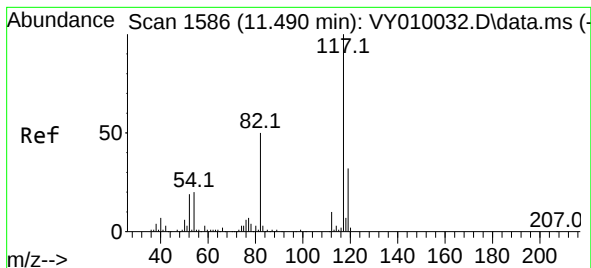
Tgt Ion:107 Resp: 43150
Ion Ratio Lower Upper
107 100
109 94.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 46.906 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 95 Resp: 64286
Ion Ratio Lower Upper
95 100
174 95.5 0.0 184.2
176 93.3 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

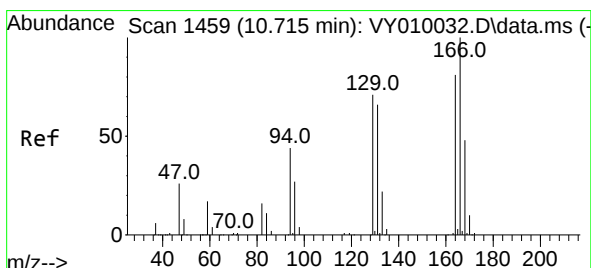
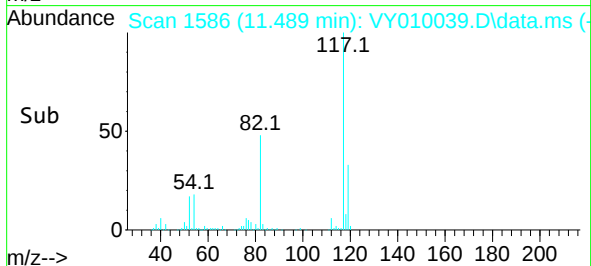
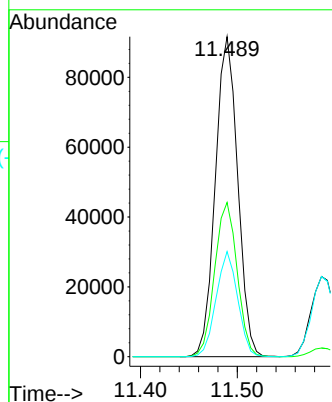
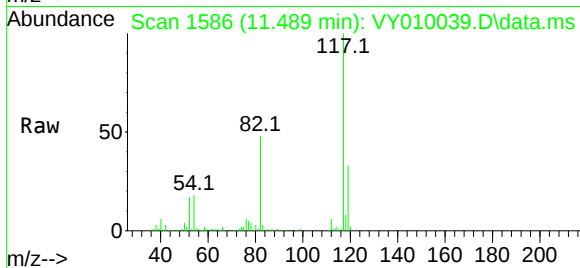
Tgt Ion:117 Resp: 146921

Ion Ratio Lower Upper

117 100

82 48.2 39.8 59.6

119 32.9 25.6 38.4



#64

Tetrachloroethene

Concen: 51.575 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Tgt Ion:164 Resp: 64704

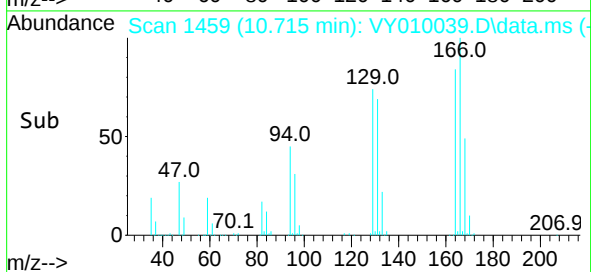
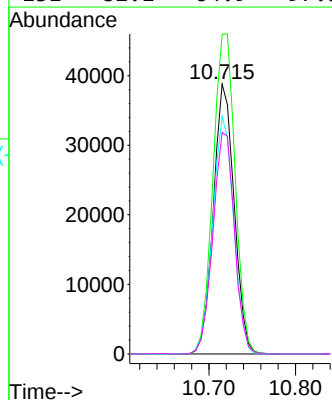
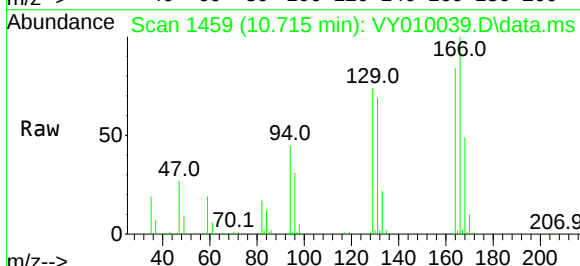
Ion Ratio Lower Upper

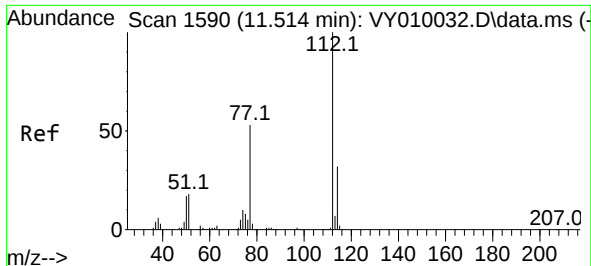
164 100

166 118.5 98.8 148.2

129 87.9 70.1 105.1

131 82.1 64.9 97.3

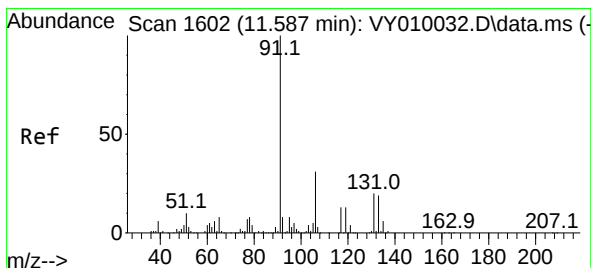
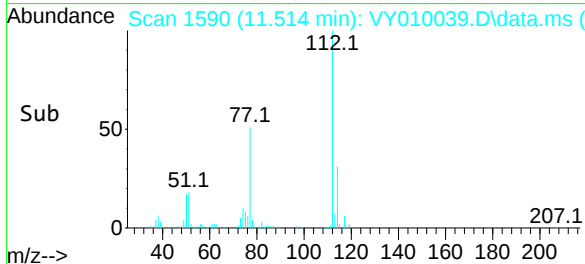
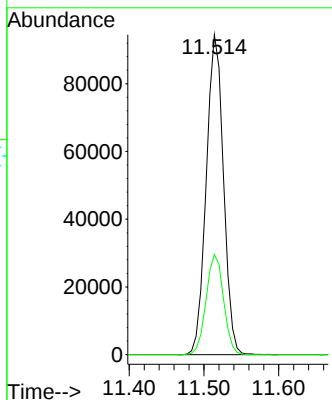
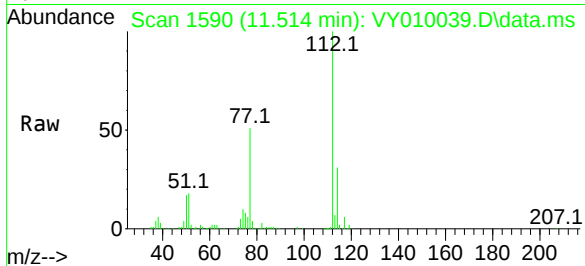




#65
Chlorobenzene
Concen: 49.437 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

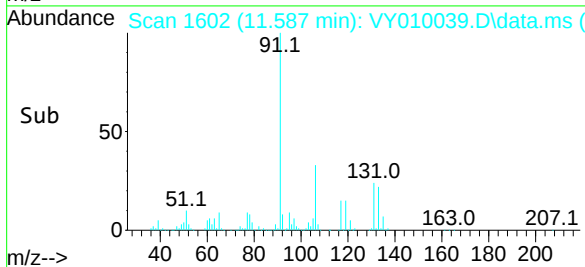
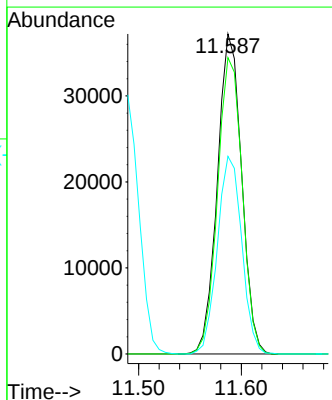
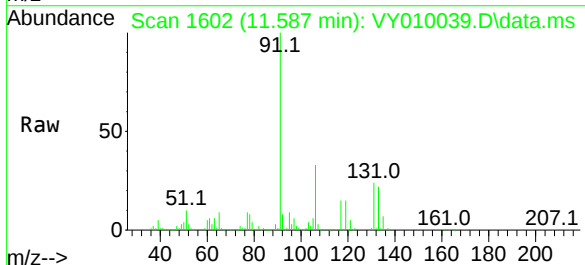
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

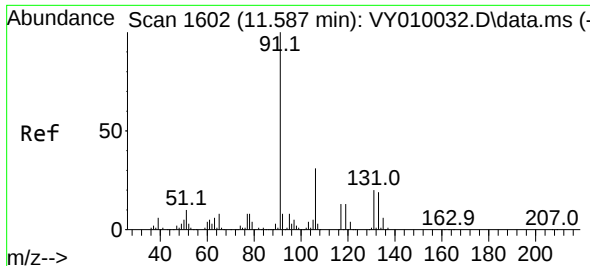
Tgt Ion:112 Resp: 151406
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.175 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion:131 Resp: 60888
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.0
119 62.2 30.9 92.7





#67

Ethyl Benzene

Concen: 51.120 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

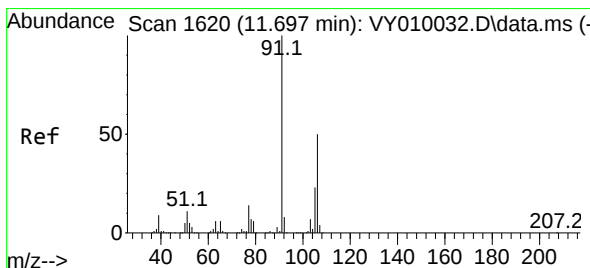
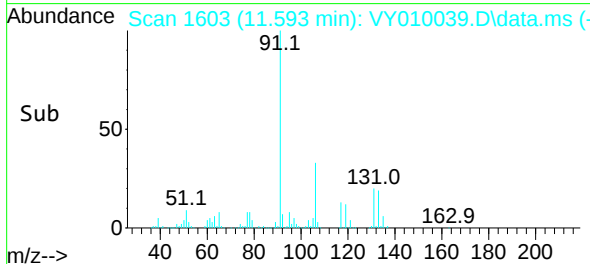
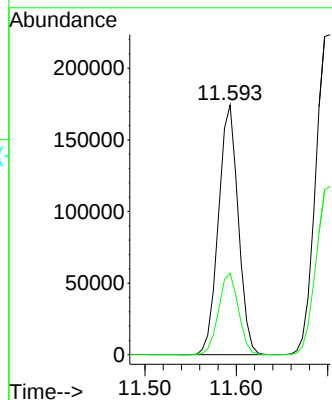
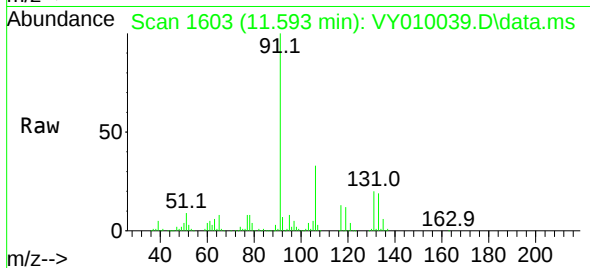
VSTDCCC050

Tgt Ion: 91 Resp: 262488

Ion Ratio Lower Upper

91 100

106 32.6 24.8 37.2



#68

m/p-Xylenes

Concen: 105.371 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010039.D

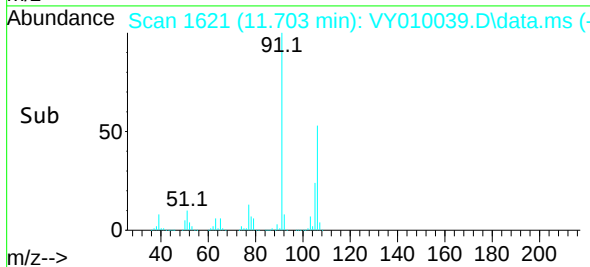
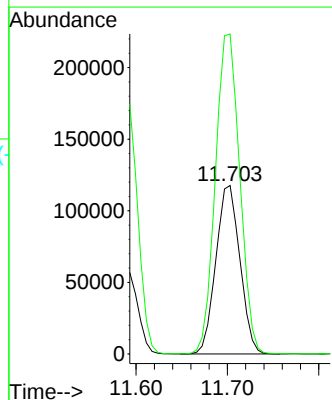
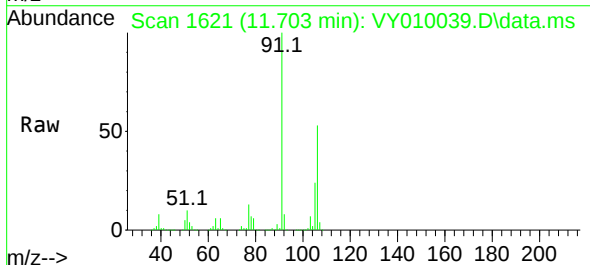
Acq: 16 Aug 2022 11:51

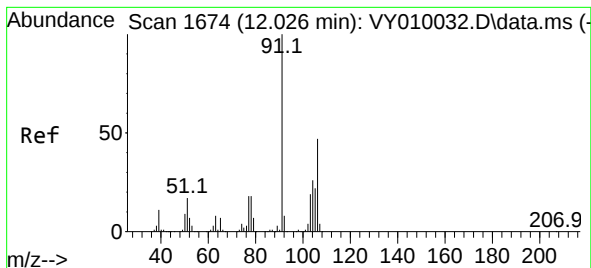
Tgt Ion: 106 Resp: 214932

Ion Ratio Lower Upper

106 100

91 192.6 158.2 237.2

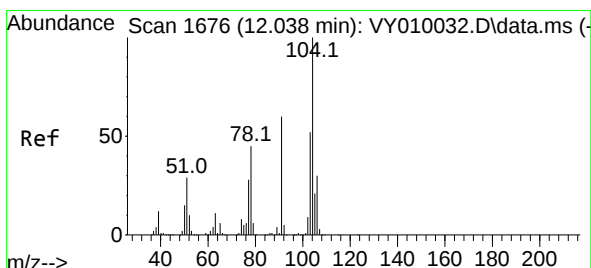
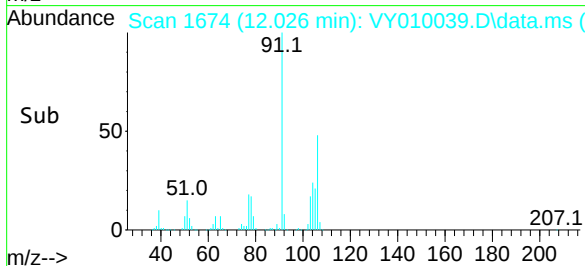
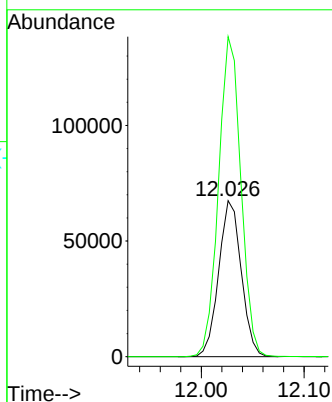
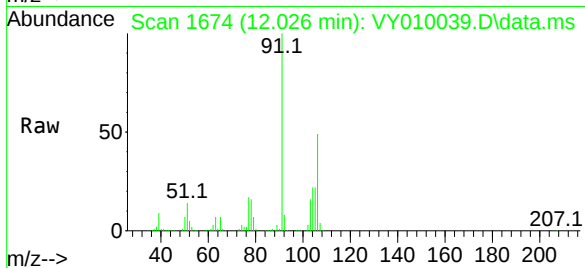




#69
o-Xylene
Concen: 53.919 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

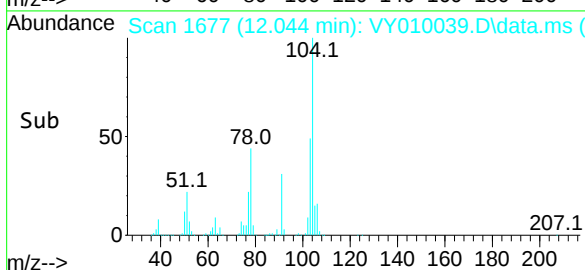
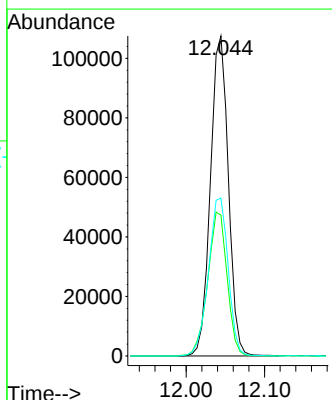
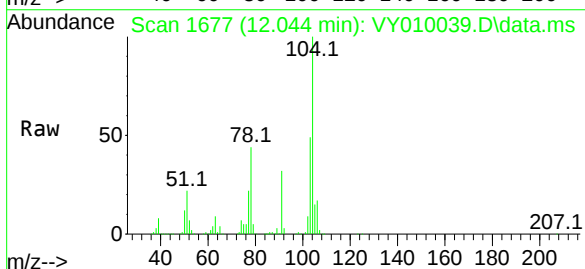
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

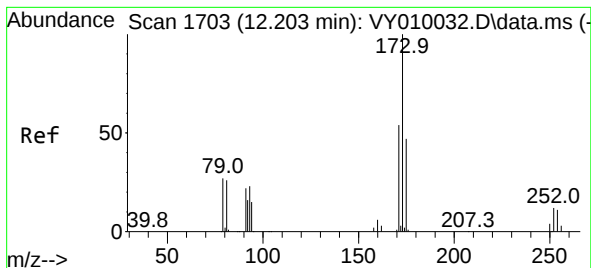
Tgt Ion:106 Resp: 102748
Ion Ratio Lower Upper
106 100
91 203.2 104.6 313.7



#70
Styrene
Concen: 53.179 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion:104 Resp: 171005
Ion Ratio Lower Upper
104 100
78 48.5 38.2 57.4
103 54.4 44.0 66.0





#71

Bromoform

Concen: 50.664 ug/l

RT: 12.209 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

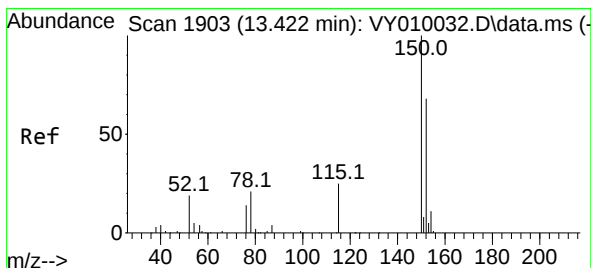
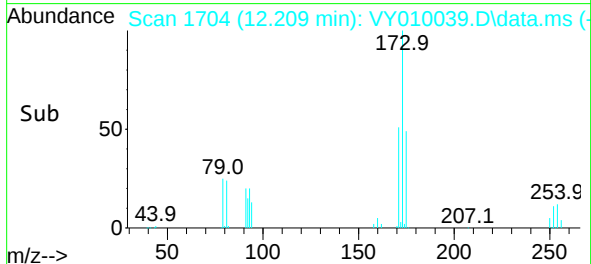
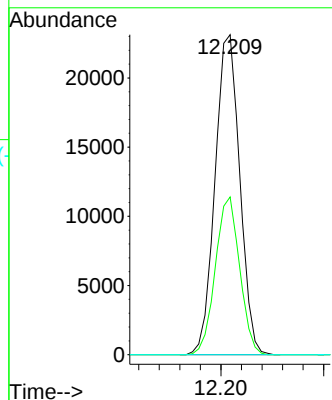
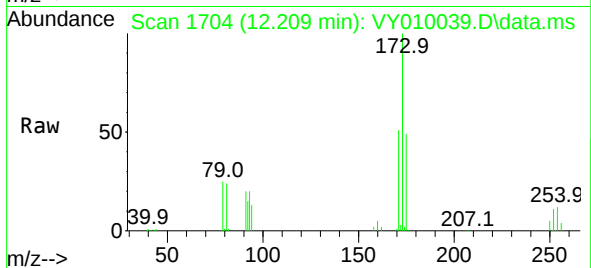
Tgt Ion:173 Resp: 38517

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

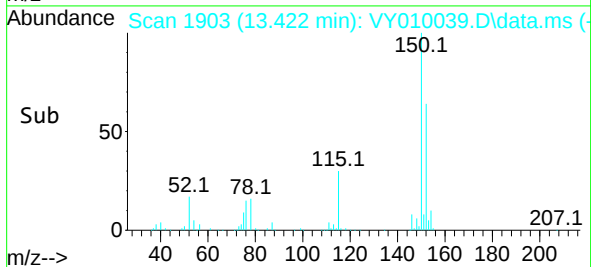
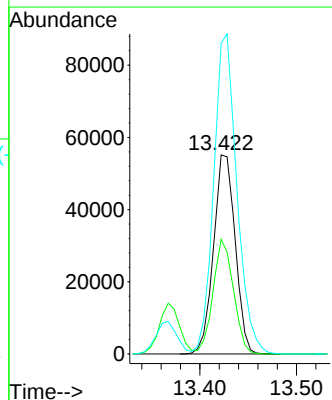
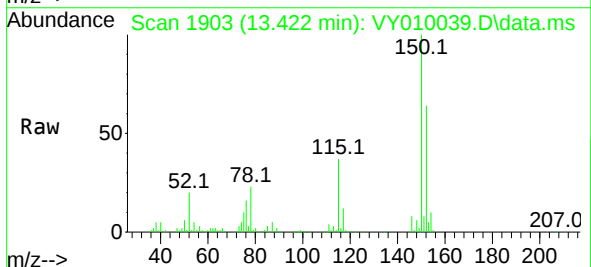
Tgt Ion:152 Resp: 85630

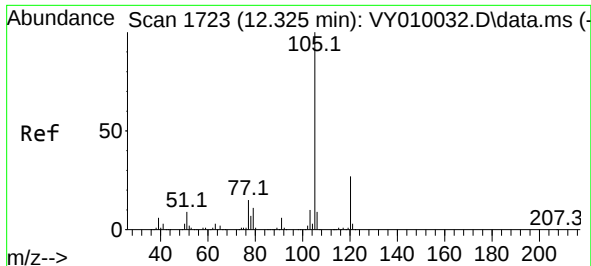
Ion Ratio Lower Upper

152 100

115 54.5 28.1 84.3

150 172.2 0.0 346.6

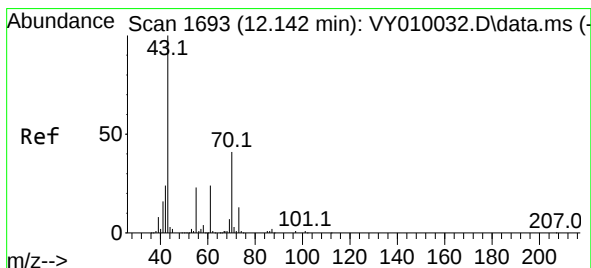
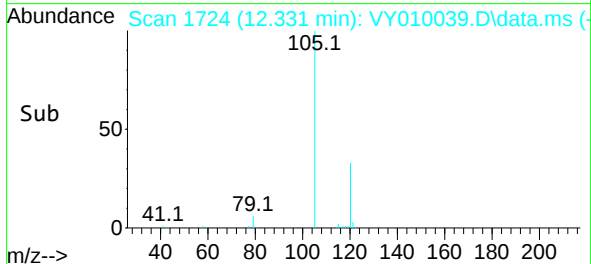
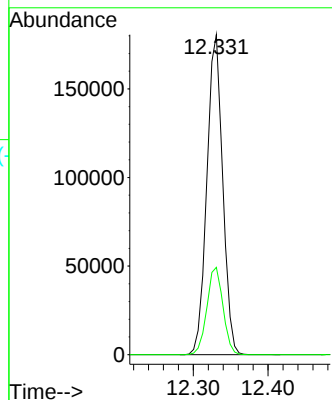
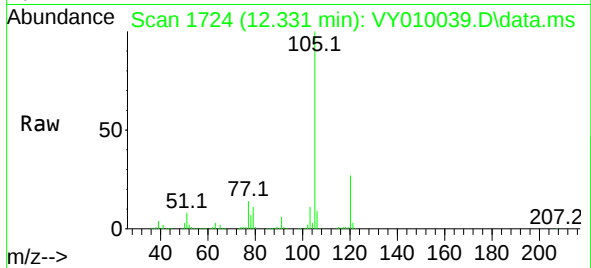




#73
Isopropylbenzene
Concen: 49.513 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

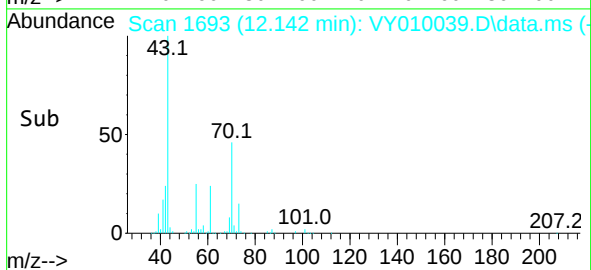
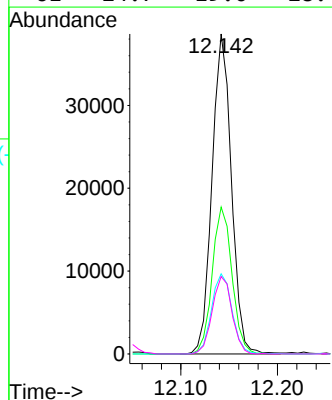
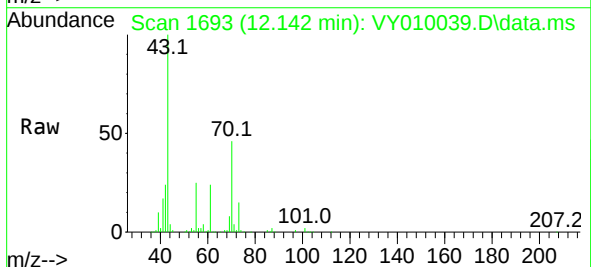
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

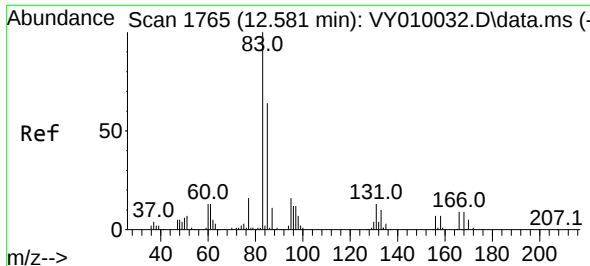
Tgt Ion:105 Resp: 265003
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.4



#74
N-ethyl acetate
Concen: 36.791 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 43 Resp: 53653
Ion Ratio Lower Upper
43 100
70 47.0 32.3 48.5
55 26.6 19.3 28.9
61 24.7 19.0 28.4

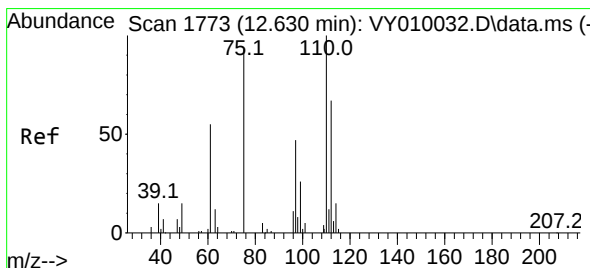
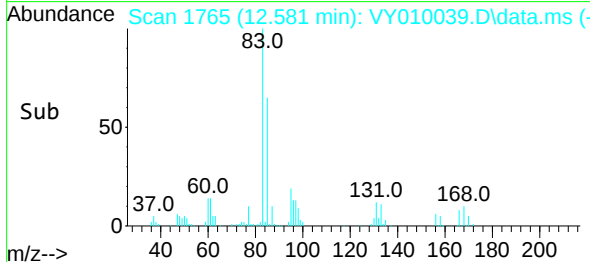
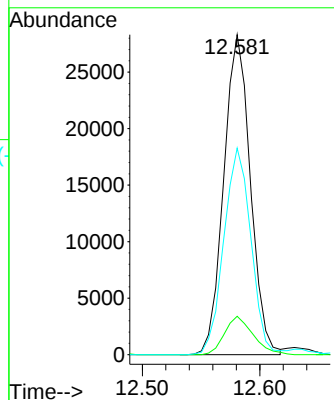
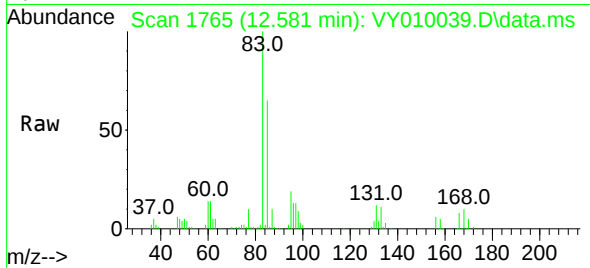




#75
1,1,2,2-Tetrachloroethane
Concen: 41.940 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

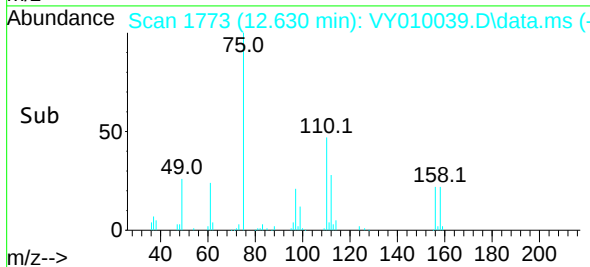
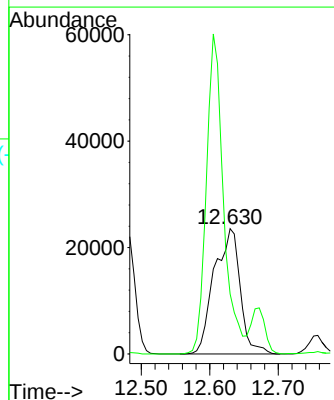
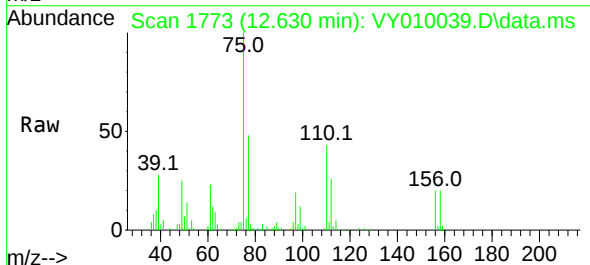
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

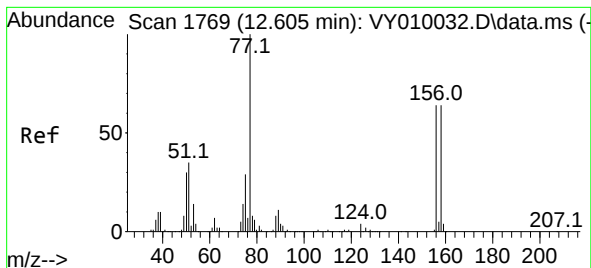
Tgt Ion: 83 Resp: 44624
Ion Ratio Lower Upper
83 100
131 12.8 5.8 17.3
85 65.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 76.497 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 75 Resp: 62092
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.104 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

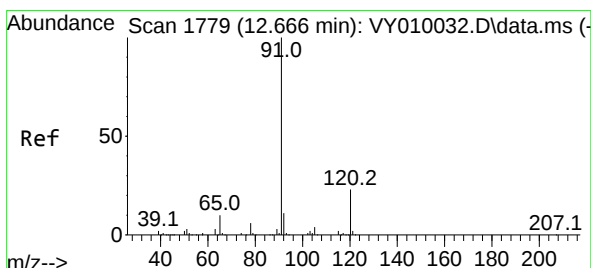
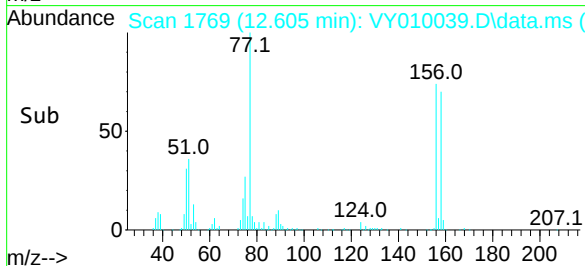
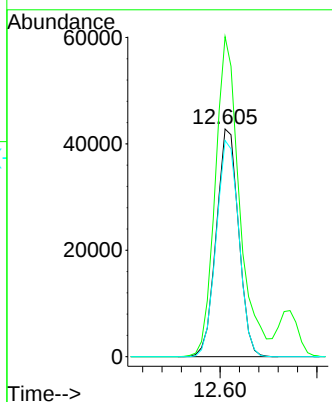
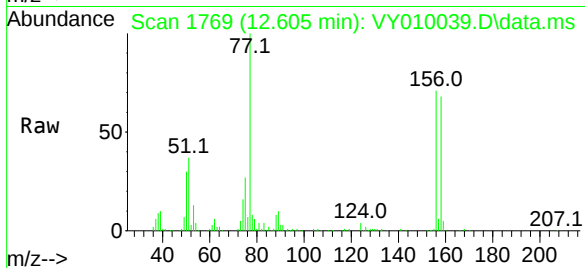
Tgt Ion:156 Resp: 68399

Ion Ratio Lower Upper

156 100

77 152.3 85.9 257.6

158 96.3 48.9 146.8



#78

n-propylbenzene

Concen: 47.629 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY010039.D

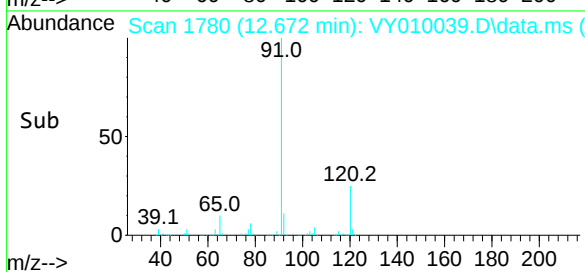
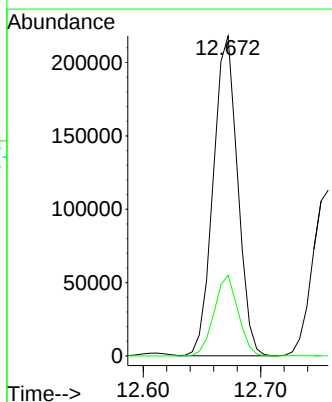
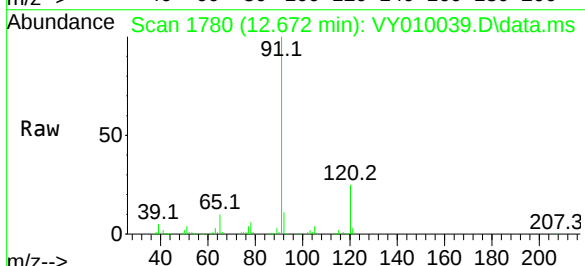
Acq: 16 Aug 2022 11:51

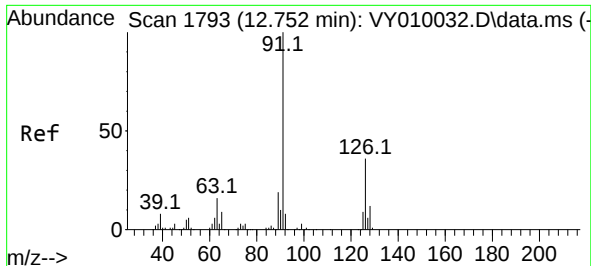
Tgt Ion: 91 Resp: 314270

Ion Ratio Lower Upper

91 100

120 24.8 11.9 35.9

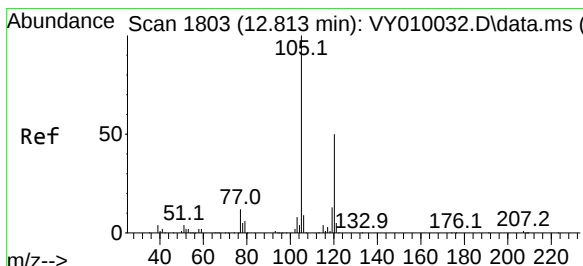
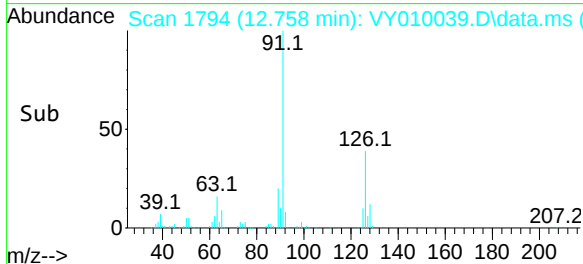
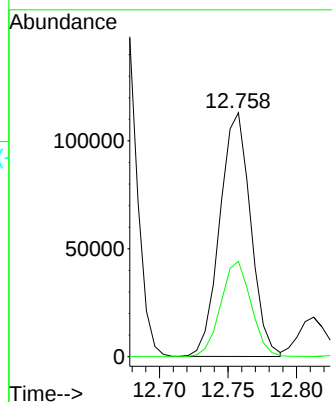
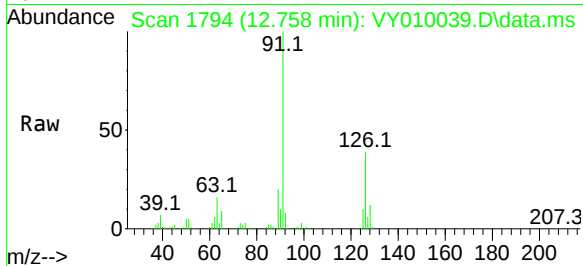




#79
2-Chlorotoluene
Concen: 47.409 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

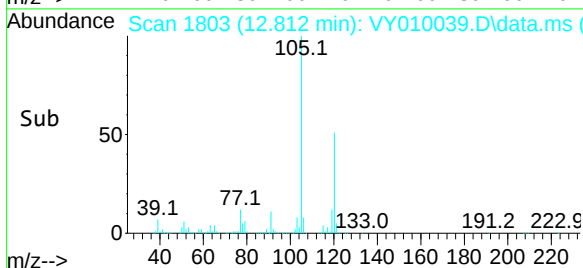
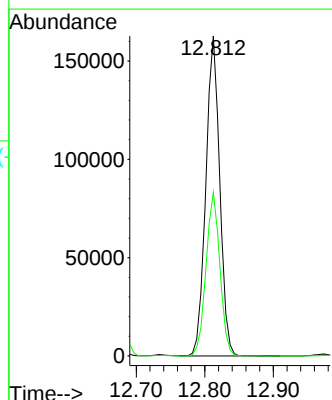
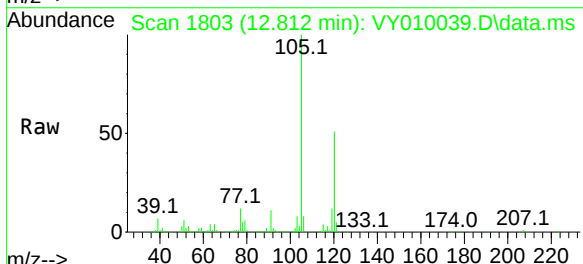
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

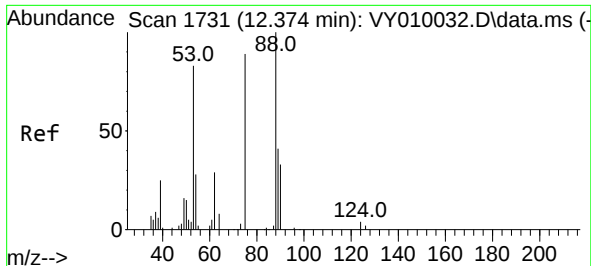
Tgt Ion: 91 Resp: 176899
Ion Ratio Lower Upper
91 100
126 38.5 18.1 54.4



#80
1,3,5-Trimethylbenzene
Concen: 49.419 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 105 Resp: 230421
Ion Ratio Lower Upper
105 100
120 51.0 25.0 75.0

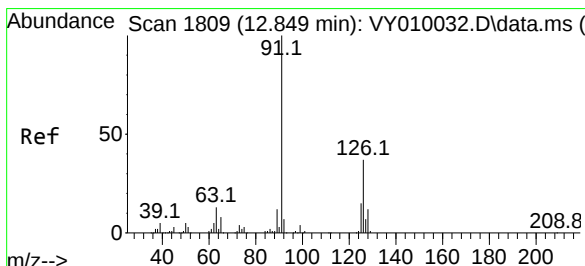
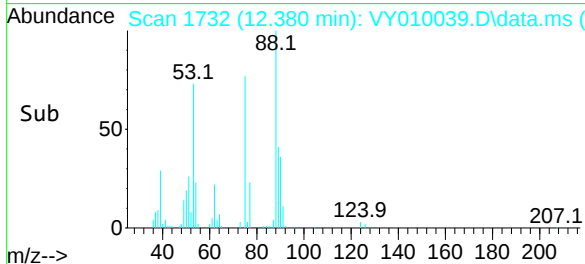
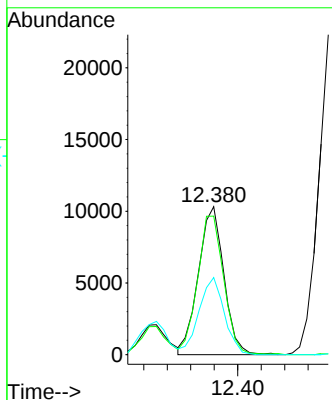
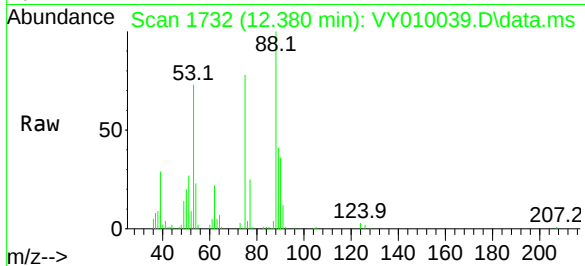




#81
trans-1,4-Dichloro-2-butene
Concen: 43.475 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

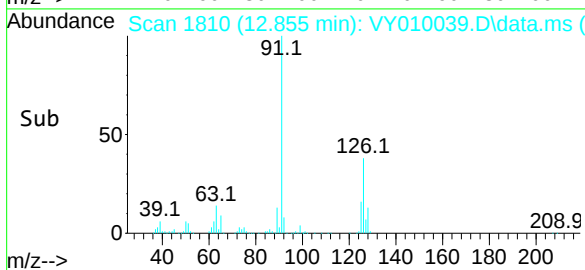
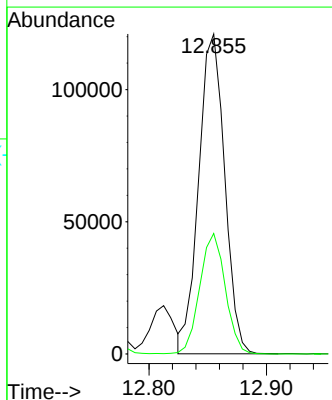
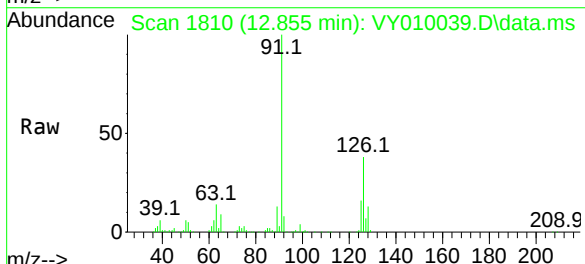
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

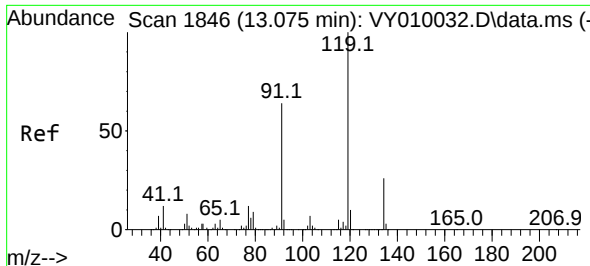
Tgt Ion: 75 Resp: 15615
Ion Ratio Lower Upper
75 100
53 96.3 74.2 111.4
89 51.7 37.8 56.6



#82
4-Chlorotoluene
Concen: 47.480 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 91 Resp: 185331
Ion Ratio Lower Upper
91 100
126 37.1 18.3 54.9

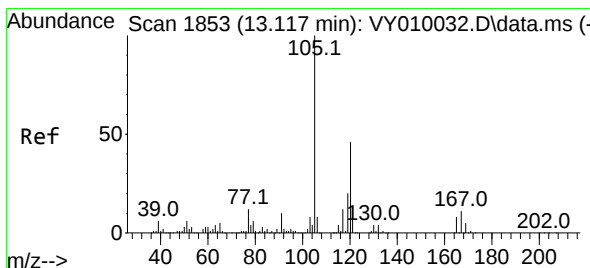
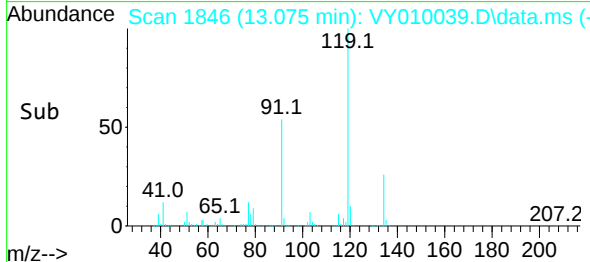
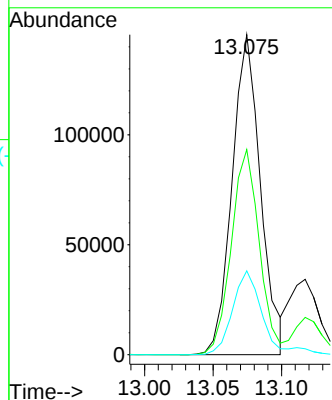
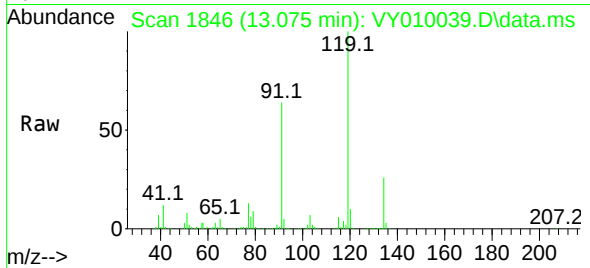




#83
tert-Butylbenzene
Concen: 51.336 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

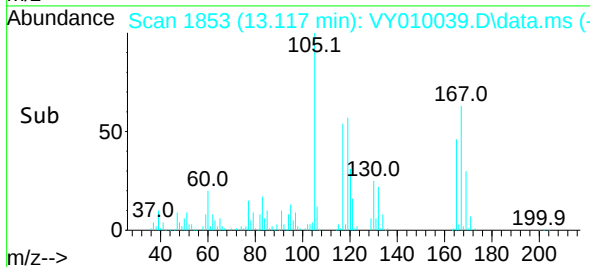
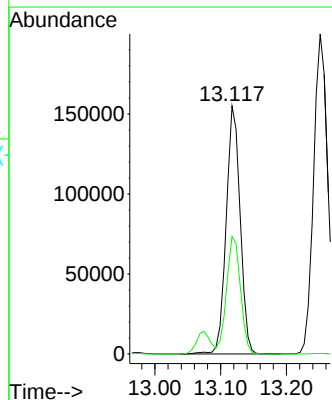
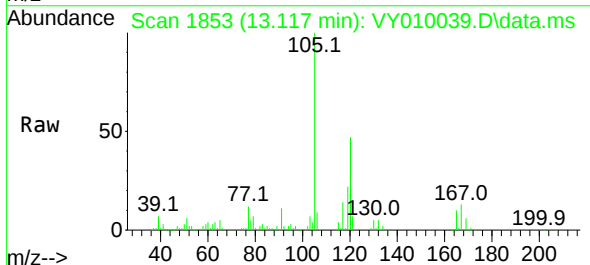
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

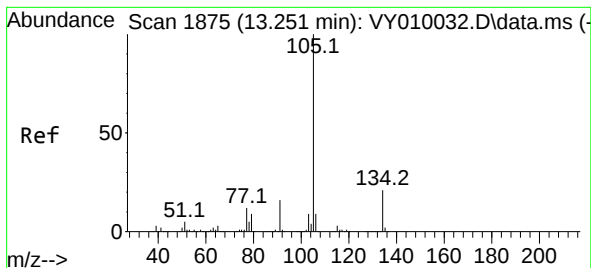
Tgt Ion:119 Resp: 210323
Ion Ratio Lower Upper
119 100
91 63.1 31.6 94.7
134 27.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 50.099 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion:105 Resp: 229351
Ion Ratio Lower Upper
105 100
120 47.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 49.559 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

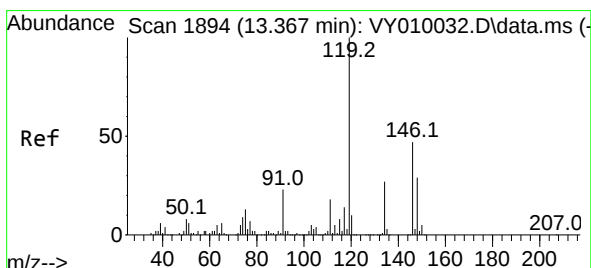
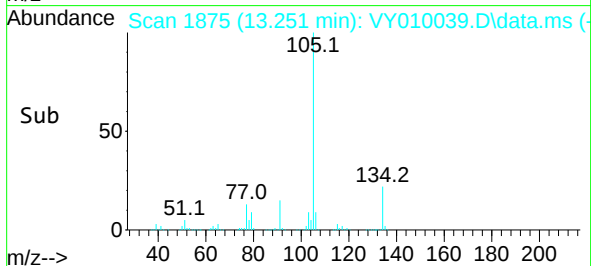
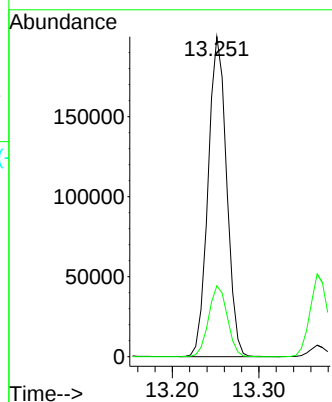
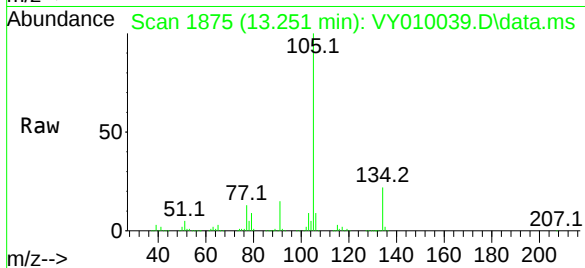
VSTDCCC050

Tgt Ion:105 Resp: 296576

Ion Ratio Lower Upper

105 100

134 22.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 50.693 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

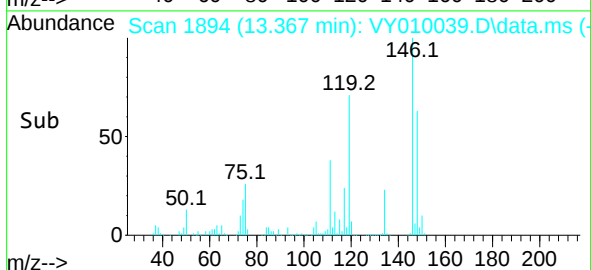
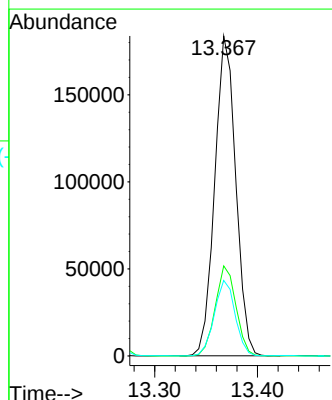
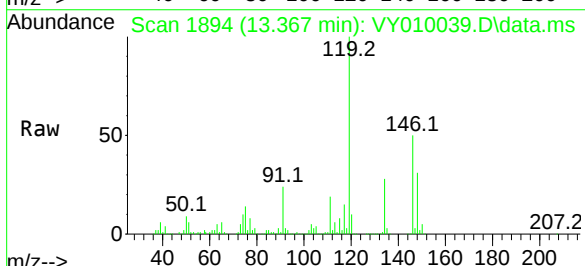
Tgt Ion:119 Resp: 259989

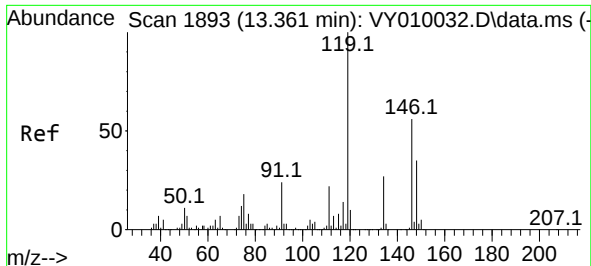
Ion Ratio Lower Upper

119 100

134 27.8 13.8 41.3

91 23.4 11.7 35.0

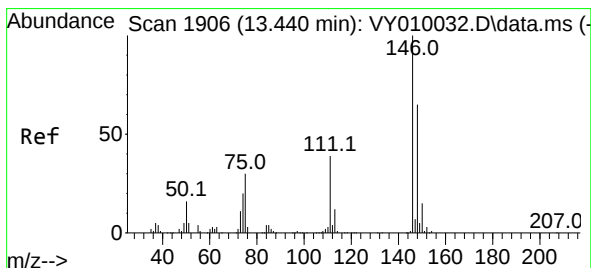
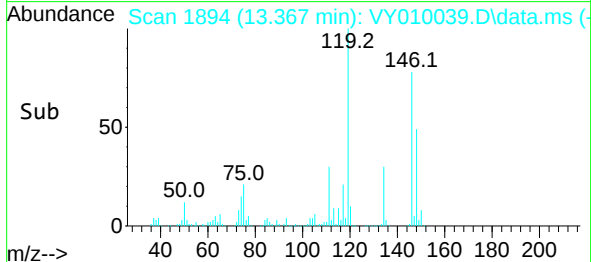
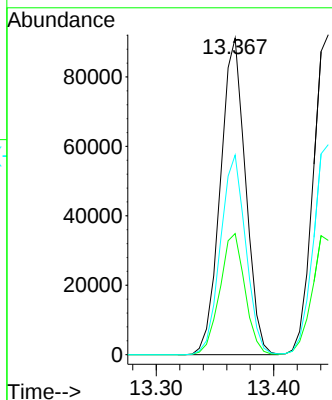
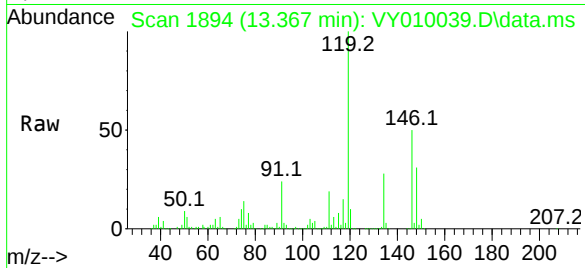




#87
 1,3-Dichlorobenzene
 Concen: 46.885 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY010039.D
 Acq: 16 Aug 2022 11:51

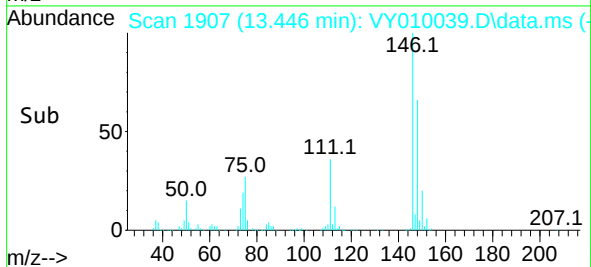
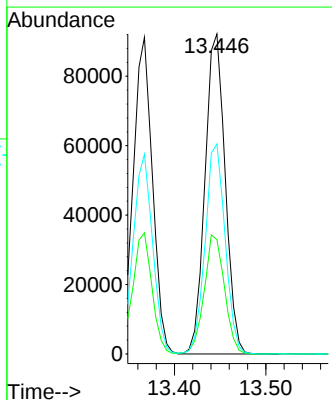
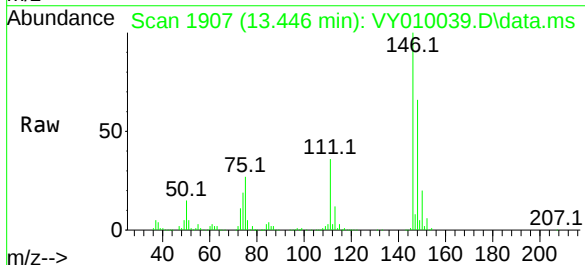
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

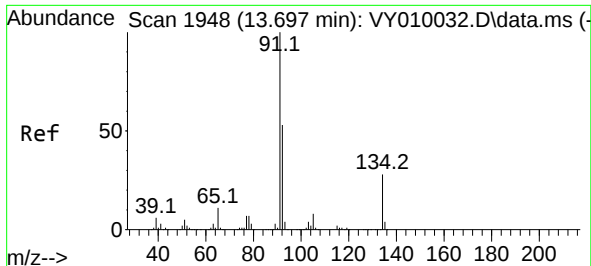
Tgt Ion:146 Resp: 135750
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.2 57.6
 148 63.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.316 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY010039.D
 Acq: 16 Aug 2022 11:51

Tgt Ion:146 Resp: 141230
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 65.1 32.3 96.9

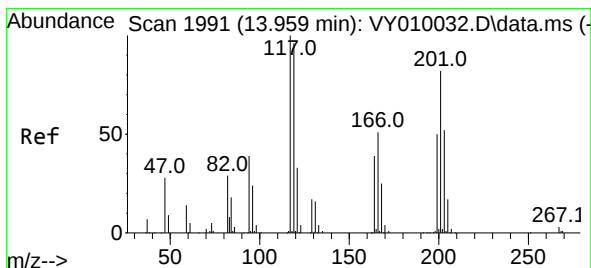
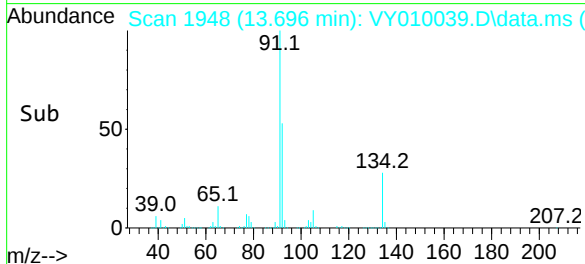
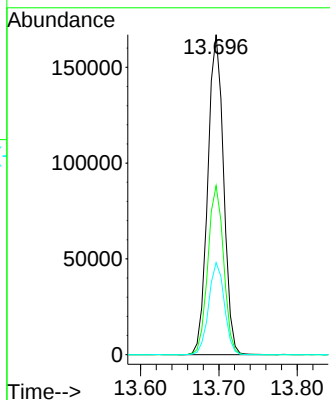
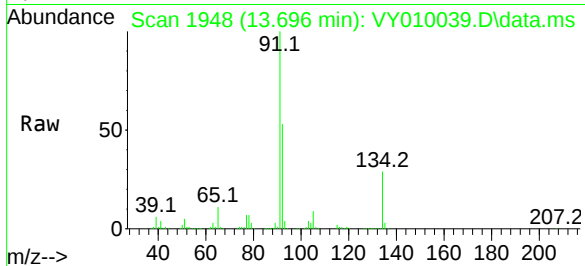




#89
n-Butylbenzene
Concen: 51.089 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

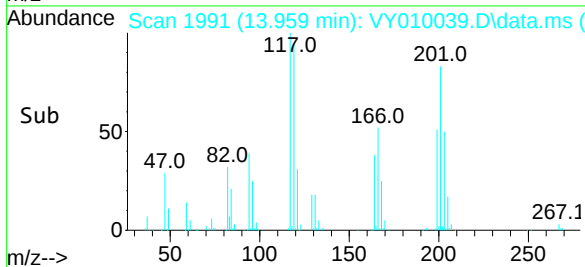
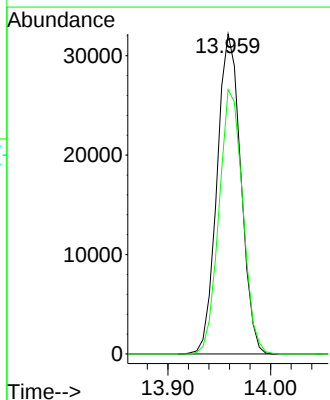
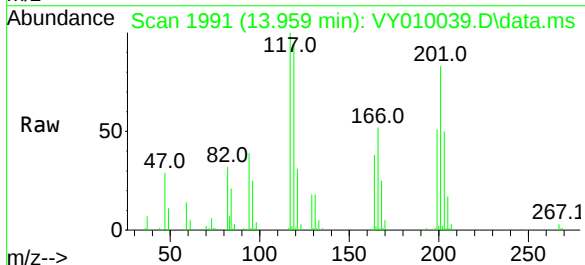
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

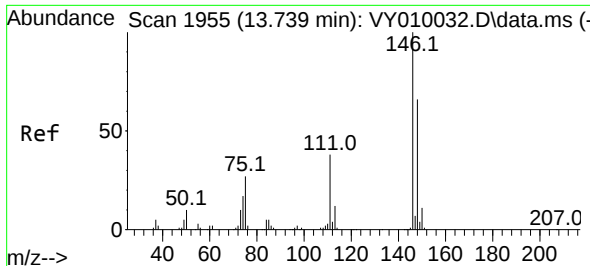
Tgt Ion: 91 Resp: 233438
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 28.6 13.6 40.8



#90
Hexachloroethane
Concen: 49.750 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010039.D
Acq: 16 Aug 2022 11:51

Tgt Ion: 117 Resp: 51718
Ion Ratio Lower Upper
117 100
201 82.4 42.4 127.1





#91

1,2-Dichlorobenzene

Concen: 50.514 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

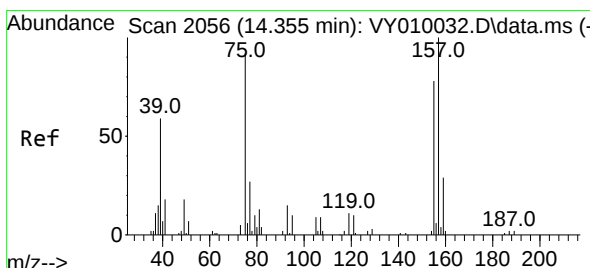
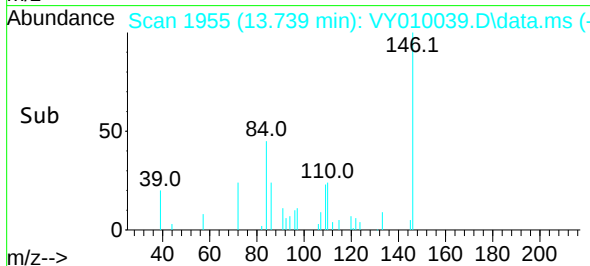
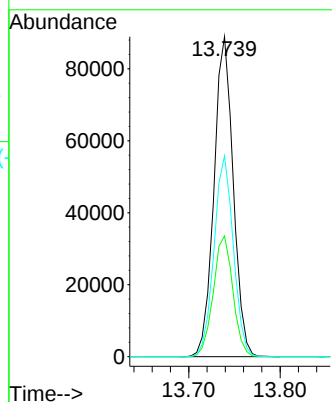
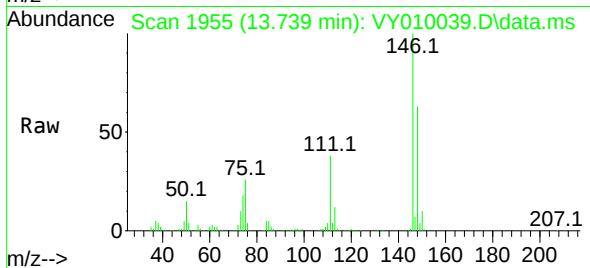
Tgt Ion:146 Resp: 130080

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.4

148 63.1 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.986 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

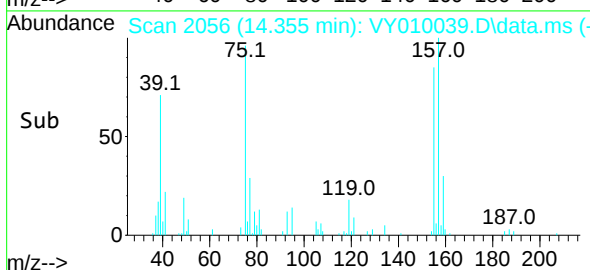
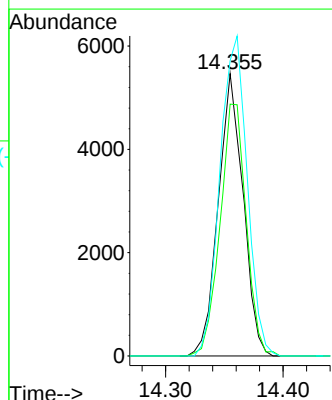
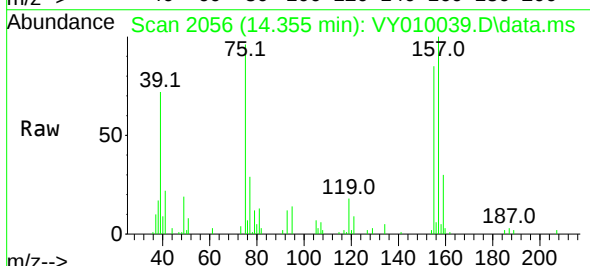
Tgt Ion: 75 Resp: 8044

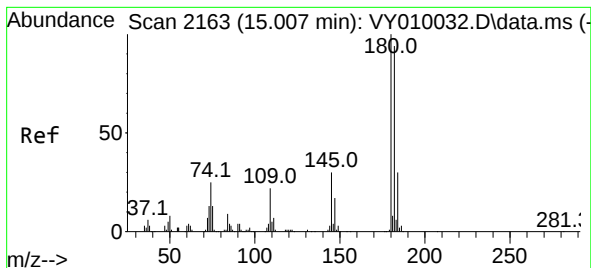
Ion Ratio Lower Upper

75 100

155 93.7 46.9 140.6

157 124.1 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 47.757 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

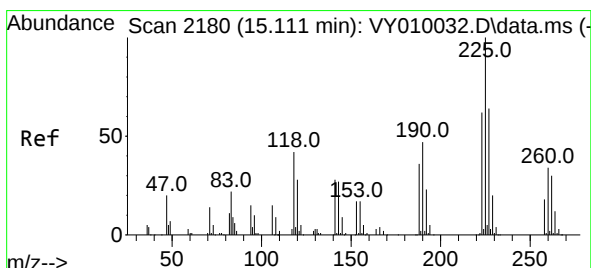
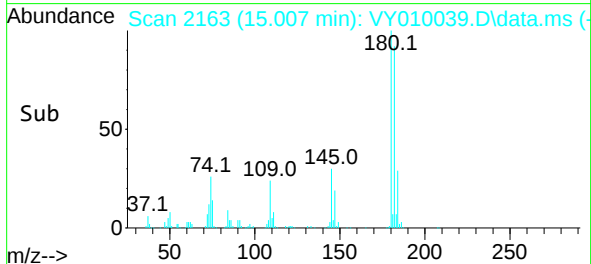
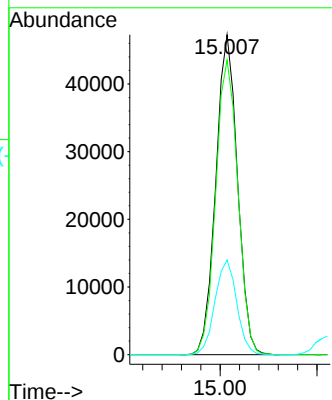
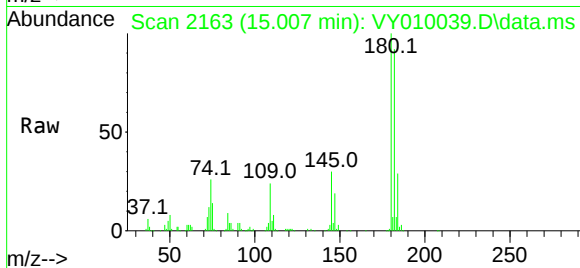
Tgt Ion:180 Resp: 73474

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.2

145 29.7 14.8 44.4



#94

Hexachlorobutadiene

Concen: 46.100 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

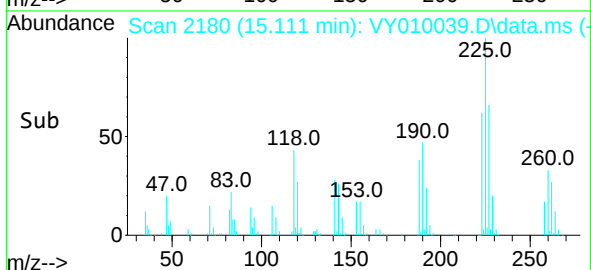
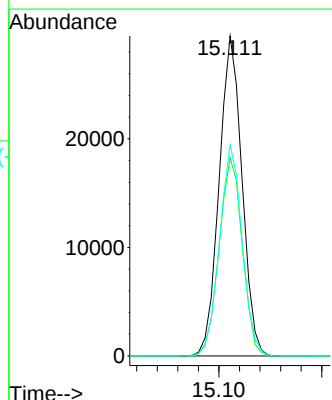
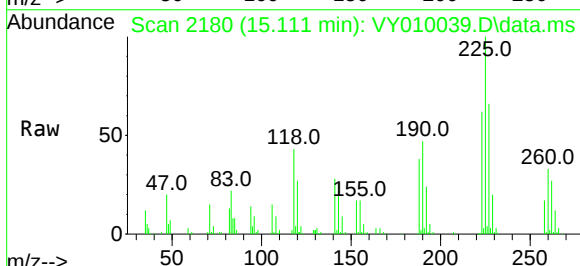
Tgt Ion:225 Resp: 45387

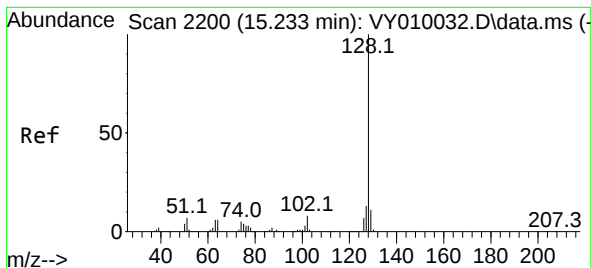
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

227 65.2 32.6 97.8





#95

Naphthalene

Concen: 42.336 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

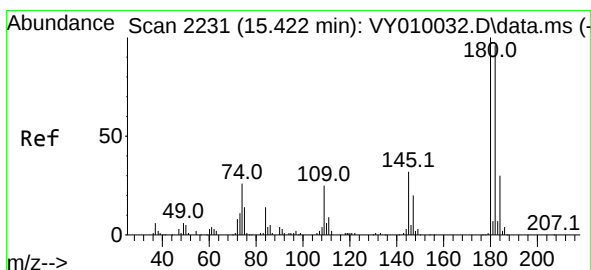
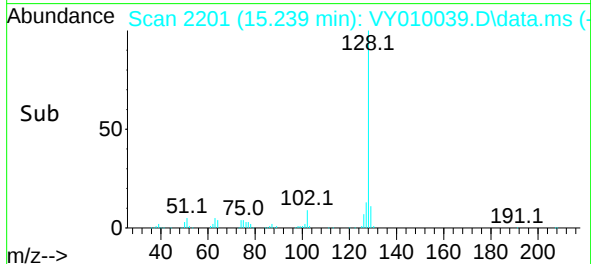
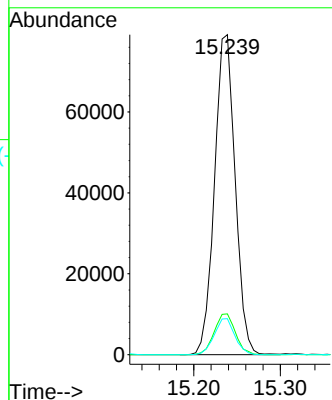
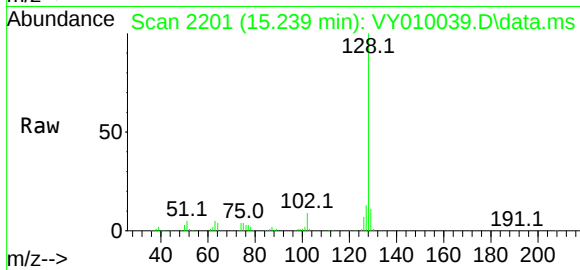
Tgt Ion:128 Resp: 130964

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.536 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010039.D

Acq: 16 Aug 2022 11:51

Tgt Ion:180 Resp: 63012

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.0

145 31.8 15.7 47.0

