

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009080.D
 Acq On : 25 May 2022 11:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 26 04:26:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45405	42.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.780%
35) Dibromofluoromethane	7.716	113	46993	44.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.320%
50) Toluene-d8	10.179	98	160754	41.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.840%
62) 4-Bromofluorobenzene	12.483	95	81519	52.064	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52493	55.148	ug/l	98
3) Chloromethane	2.113	50	79718	58.459	ug/l	96
4) Vinyl Chloride	2.253	62	114992	56.918	ug/l	98
5) Bromomethane	2.644	94	91029	45.965	ug/l	98
6) Chloroethane	2.790	64	78159	54.608	ug/l	99
7) Trichlorofluoromethane	3.125	101	91175	53.142	ug/l	92
8) Diethyl Ether	3.534	74	27386	51.048	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	57288	54.329	ug/l	95
10) Methyl Iodide	4.088	142	62776	57.654	ug/l	93
11) Tert butyl alcohol	4.954	59	25001	230.119	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	52166	53.292	ug/l	85
13) Acrolein	3.729	56	4061	113.560	ug/l	95
14) Allyl chloride	4.473	41	78312	53.086	ug/l #	86
15) Acrylonitrile	5.161	53	79125	263.418	ug/l	98
16) Acetone	3.942	43	61959	277.899	ug/l	95
17) Carbon Disulfide	4.192	76	169164	52.897	ug/l	100
18) Methyl Acetate	4.479	43	36224	52.175	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	153254	52.161	ug/l	94
20) Methylene Chloride	4.716	84	63053	50.742	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	64805	51.579	ug/l	85
22) Diisopropyl ether	6.119	45	193193	54.511	ug/l #	95
23) Vinyl Acetate	6.058	43	641622	273.688	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	112933	53.276	ug/l	98
25) 2-Butanone	6.984	43	107705	270.464	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	108232	55.427	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	74210	52.396	ug/l	89
28) Bromochloromethane	7.332	49	37086	50.971	ug/l	94
29) Tetrahydrofuran	7.344	42	72247	267.083	ug/l #	87
30) Chloroform	7.509	83	119336	52.152	ug/l	98
31) Cyclohexane	7.783	56	106213	50.689	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	110686	53.318	ug/l	99
36) 1,1-Dichloropropene	7.917	75	97114	54.238	ug/l	99
37) Ethyl Acetate	7.070	43	48301	52.004	ug/l	97
38) Carbon Tetrachloride	7.899	117	99589	53.169	ug/l	98
39) Methylcyclohexane	9.185	83	124573	53.900	ug/l	90
40) Benzene	8.161	78	276251	53.504	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	67384	140.593	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	83050	54.778	ug/l	95
43) Isopropyl Acetate	8.271	43	95731	55.432	ug/l #	93
44) Trichloroethene	8.935	130	71411	52.235	ug/l	97
45) 1,2-Dichloropropane	9.216	63	67555	54.491	ug/l	91
46) Dibromomethane	9.301	93	41895	53.145	ug/l	91
47) Bromodichloromethane	9.496	83	97501	54.119	ug/l	98
48) Methyl methacrylate	9.289	41	43497	56.405	ug/l #	86
49) 1,4-Dioxane	9.295	88	11074	1050.873	ug/l	85
51) 4-Methyl-2-Pentanone	10.069	43	270683	283.205	ug/l	93
52) Toluene	10.246	92	197999	54.874	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	106942	55.898	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	112628	54.761	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	58989	53.486	ug/l	99
56) Ethyl methacrylate	10.508	69	77262	54.795	ug/l	87
57) 1,3-Dichloropropane	10.788	76	98920	54.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	162236	265.952	ug/l	96
59) 2-Hexanone	10.831	43	190824	291.602	ug/l	89
60) Dibromochloromethane	10.984	129	72484	54.217	ug/l	99
61) 1,2-Dibromoethane	11.087	107	58897	53.891	ug/l	99
64) Tetrachloroethene	10.721	164	63818	51.958	ug/l	98
65) Chlorobenzene	11.514	112	207705	53.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	78475	55.334	ug/l	97
67) Ethyl Benzene	11.593	91	393196	56.332	ug/l	98
68) m/p-Xylenes	11.703	106	331153	116.870	ug/l	92
69) o-Xylene	12.032	106	153319	58.268	ug/l	90
70) Styrene	12.044	104	271076	59.906	ug/l	95
71) Bromoform	12.209	173	52282	55.611	ug/l #	99
73) Isopropylbenzene	12.331	105	420469	49.203	ug/l	100
74) N-amyl acetate	12.142	43	106841	54.188	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	82637	46.943	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	106871	87.079	ug/l #	100
77) Bromobenzene	12.611	156	92283	46.585	ug/l	97
78) n-propylbenzene	12.672	91	530473	53.729	ug/l	100
79) 2-Chlorotoluene	12.758	91	283012	49.694	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	370565	51.735	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	29572	49.456	ug/l	88
82) 4-Chlorotoluene	12.855	91	318971	52.365	ug/l	97
83) tert-Butylbenzene	13.075	119	322318	50.722	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	373228	52.490	ug/l	96
85) sec-Butylbenzene	13.251	105	518693	53.349	ug/l	99
86) p-Isopropyltoluene	13.367	119	438723	54.111	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	218325	51.666	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	218395	51.443	ug/l	98
89) n-Butylbenzene	13.697	91	403545	54.405	ug/l	99
90) Hexachloroethane	13.959	117	75839	49.914	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	188271	50.473	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12348	45.181	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	96534	47.155	ug/l	100
94) Hexachlorobutadiene	15.111	225	52058	46.657	ug/l	97
95) Naphthalene	15.239	128	193543	47.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	83333	46.844	ug/l	100

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QLast Update : Fri May 20 23:50:52 2022
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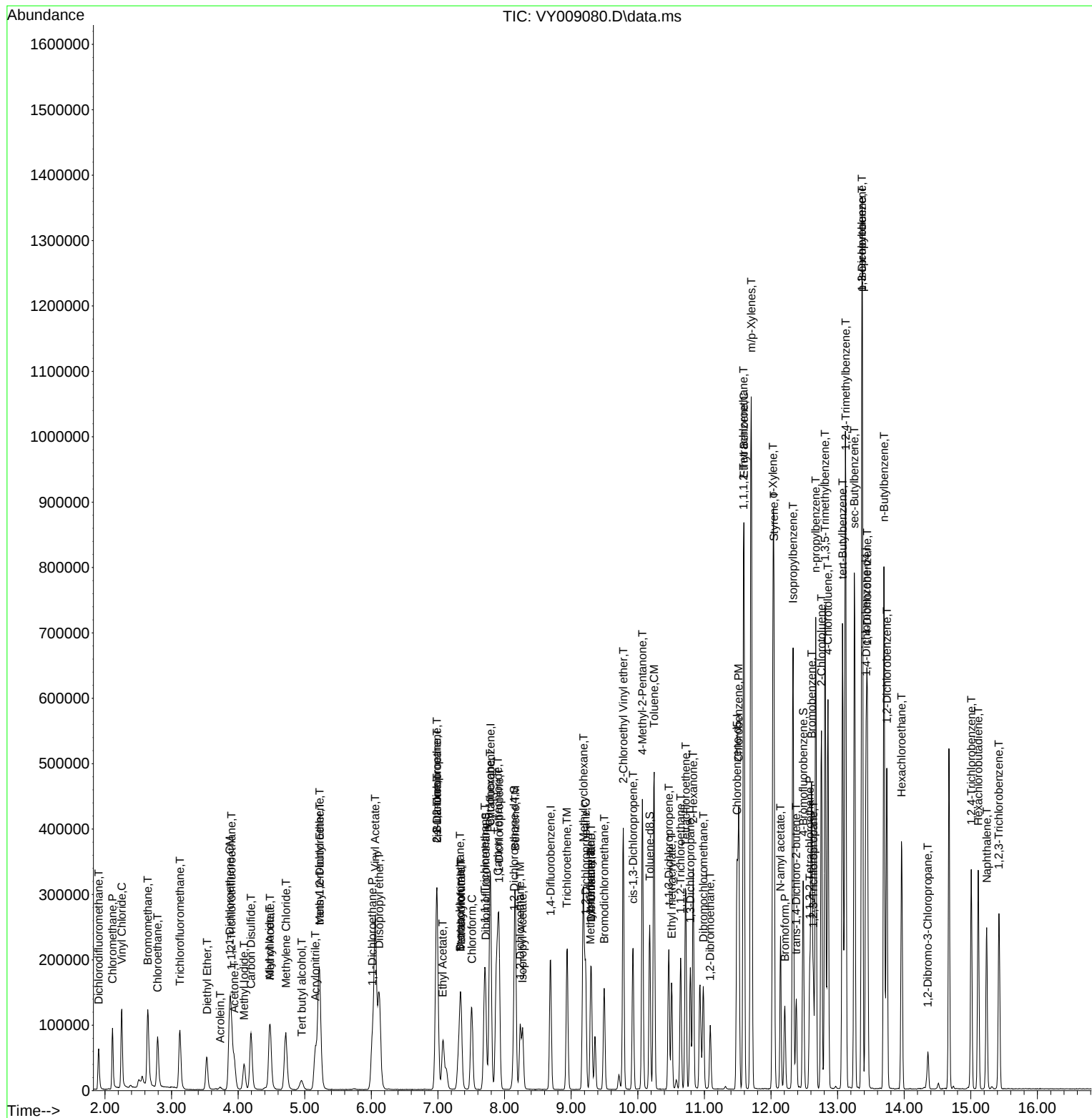
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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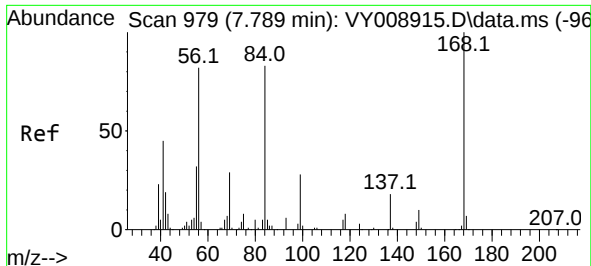
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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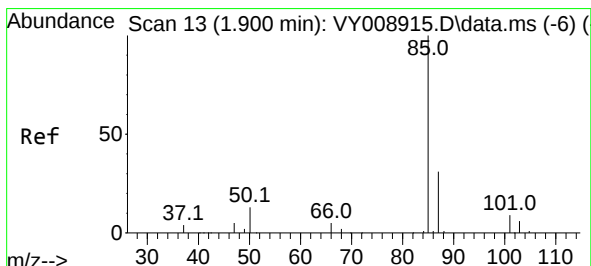
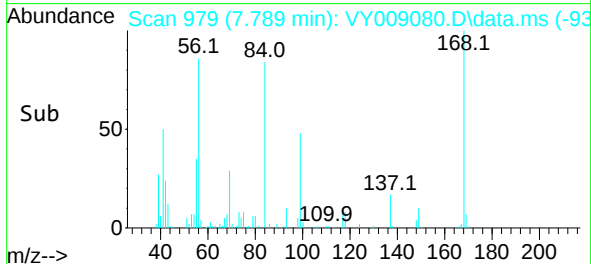
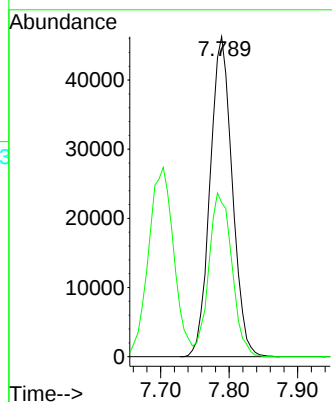
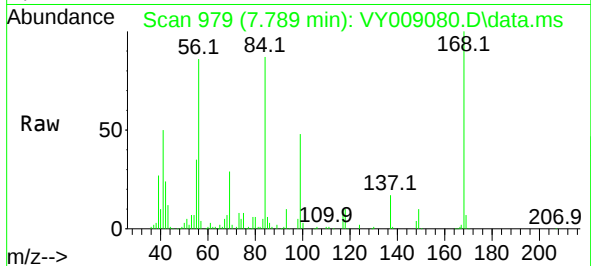




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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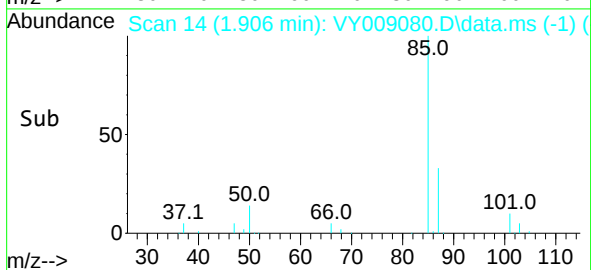
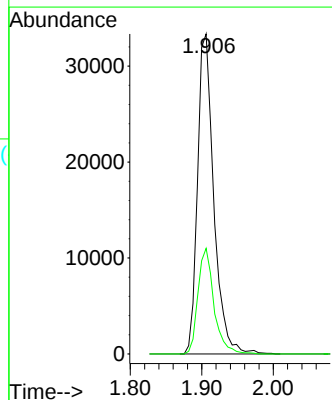
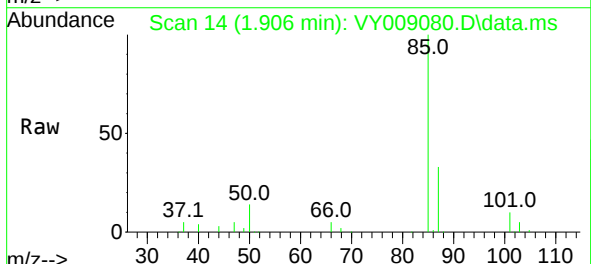
Instrument :
MSVOA_Y
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VSTDCCC050

Tgt Ion:168 Resp: 104072
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 55.148 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 85 Resp: 52493
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

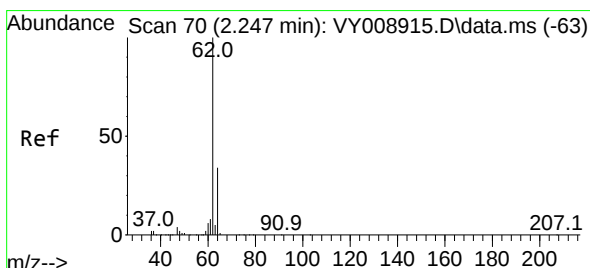
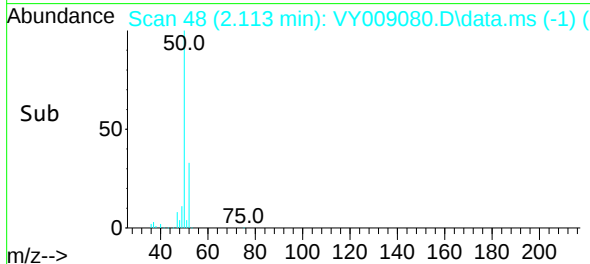
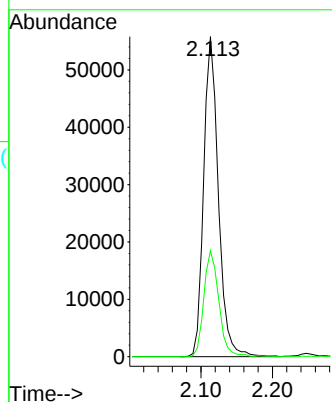
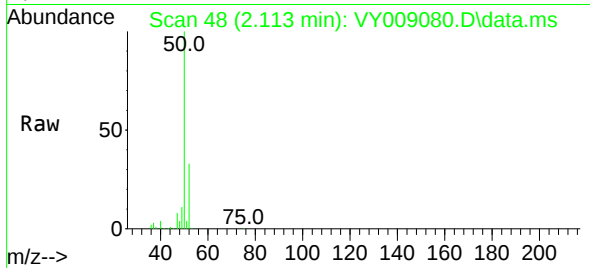




#3
Chloromethane
Concen: 58.459 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

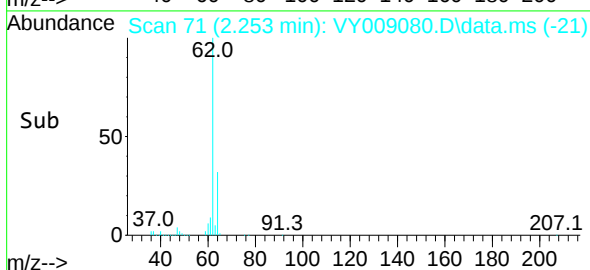
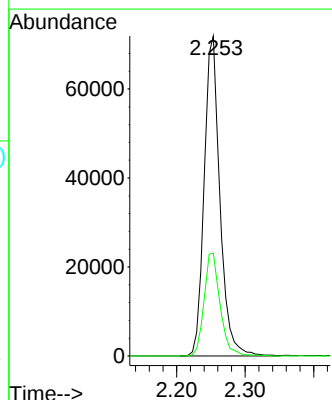
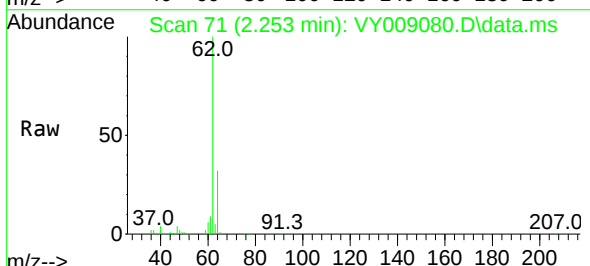
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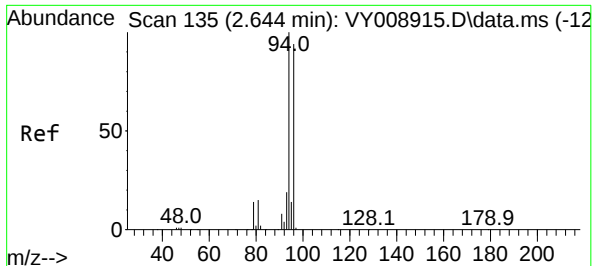
Tgt Ion: 50 Resp: 79718
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 56.918 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 62 Resp: 114992
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

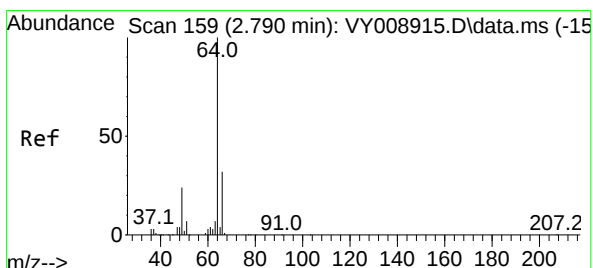
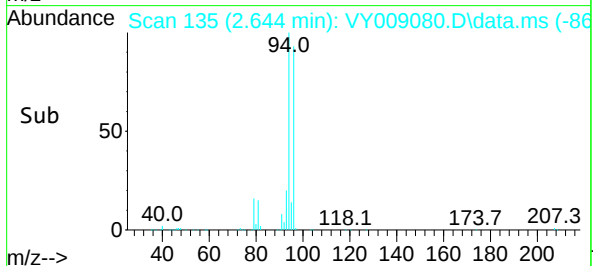
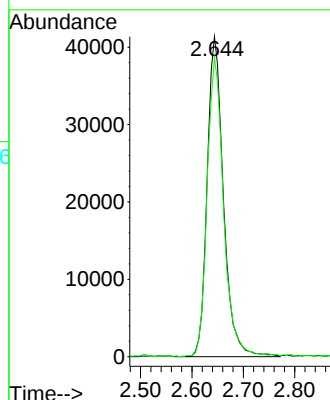
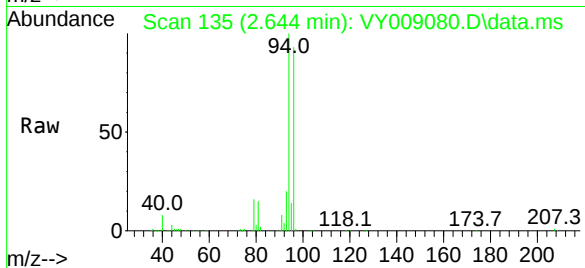




#5
Bromomethane
Concen: 45.965 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
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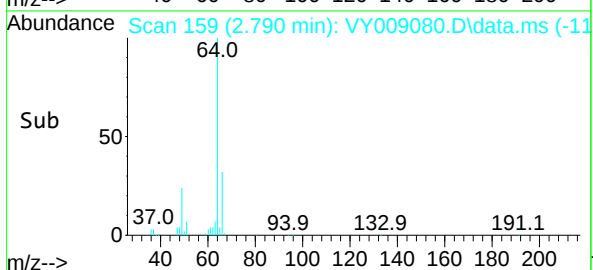
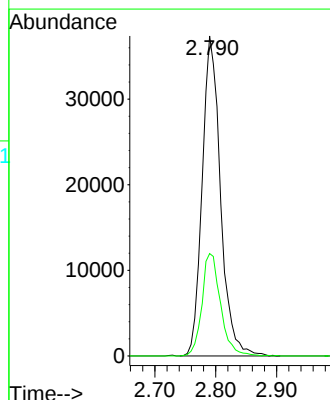
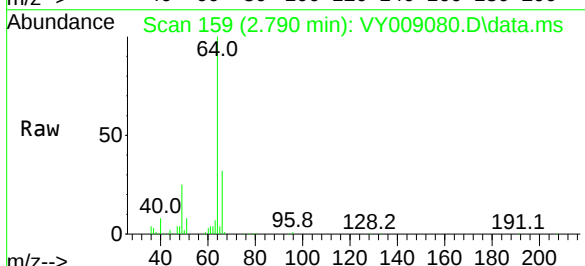
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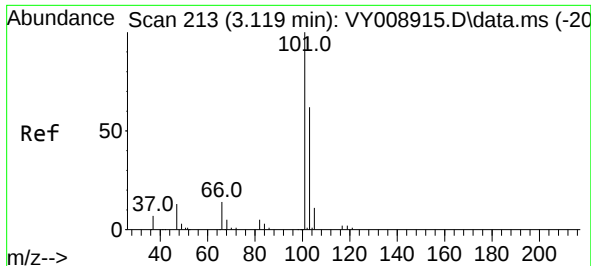
Tgt Ion: 94 Resp: 91029
Ion Ratio Lower Upper
94 100
96 93.4 73.5 110.3



#6
Chloroethane
Concen: 54.608 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 64 Resp: 78159
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0

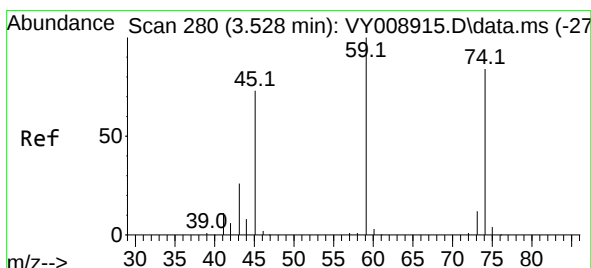
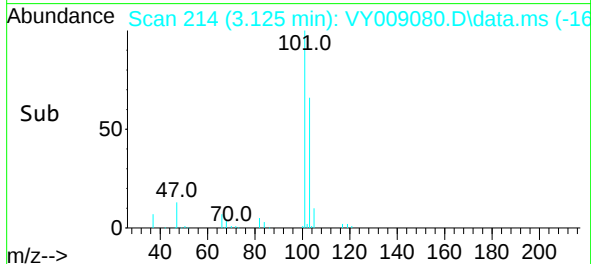
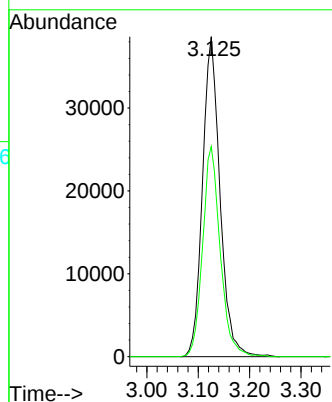
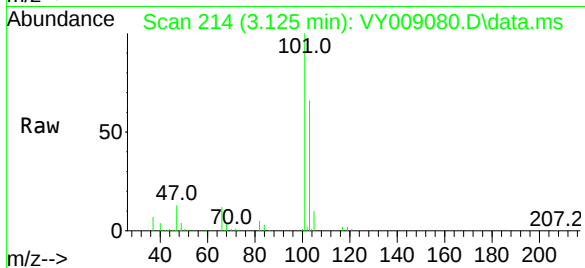




#7
 Trichlorofluoromethane
 Concen: 53.142 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

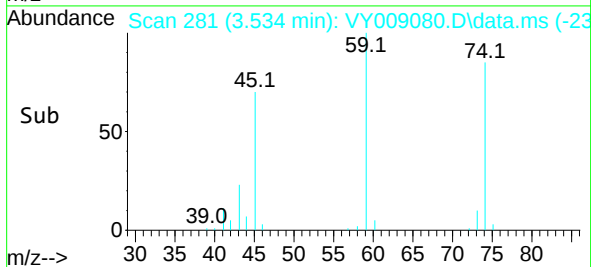
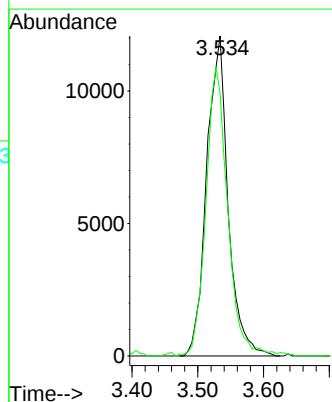
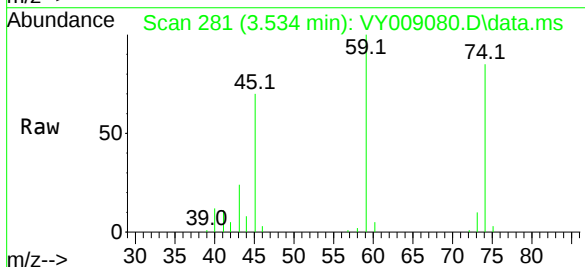
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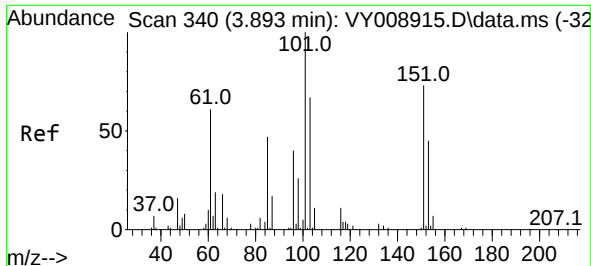
Tgt Ion:101 Resp: 91175
 Ion Ratio Lower Upper
 101 100
 103 65.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 51.048 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 27386
 Ion Ratio Lower Upper
 74 100
 45 92.0 55.1 165.5

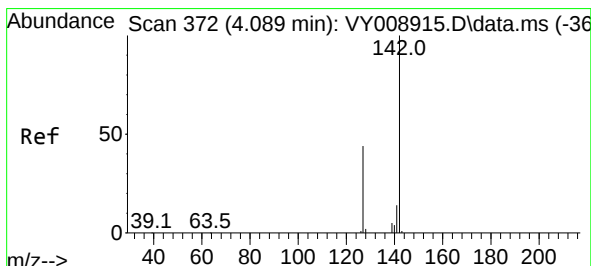
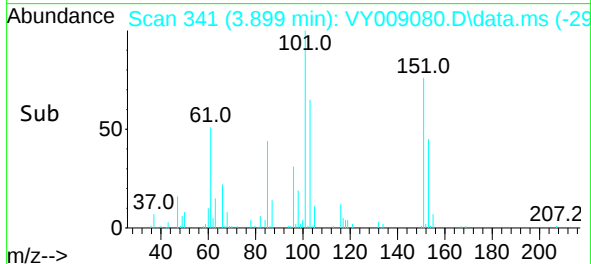
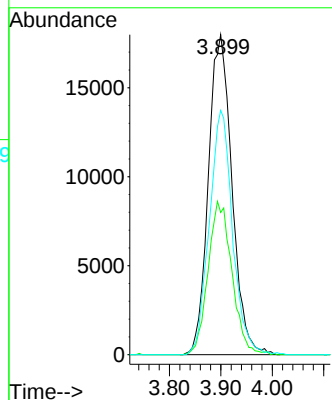
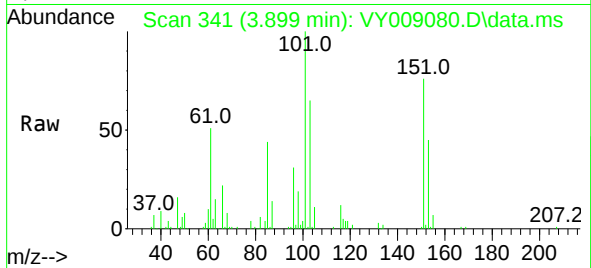




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.329 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

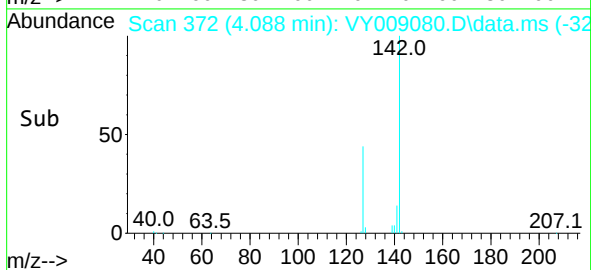
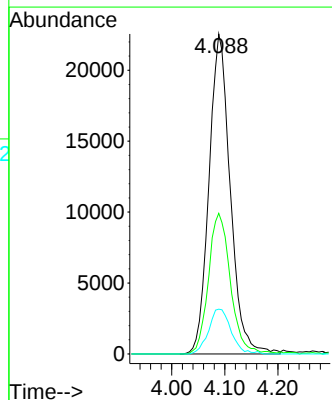
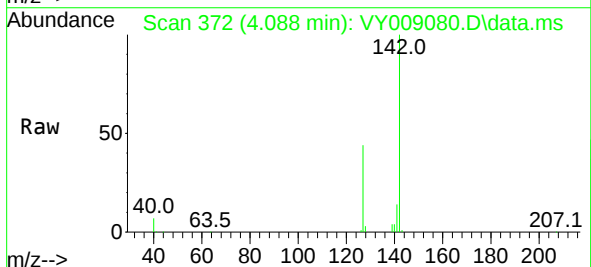
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

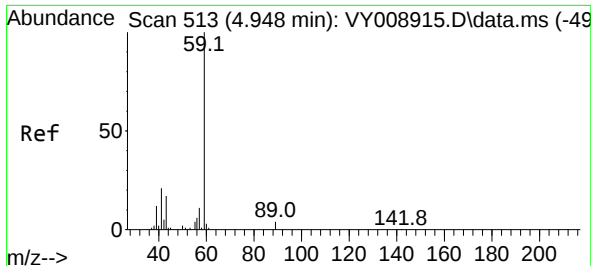
Tgt Ion:101 Resp: 57288
Ion Ratio Lower Upper
101 100
85 48.5 40.6 60.8
151 75.3 64.9 97.3



#10
Methyl Iodide
Concen: 57.654 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.001 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion:142 Resp: 62776
Ion Ratio Lower Upper
142 100
127 45.5 41.5 62.3
141 14.8 11.9 17.9

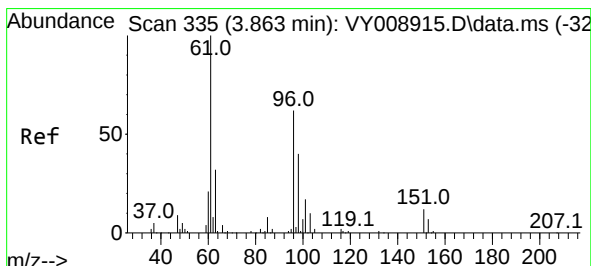
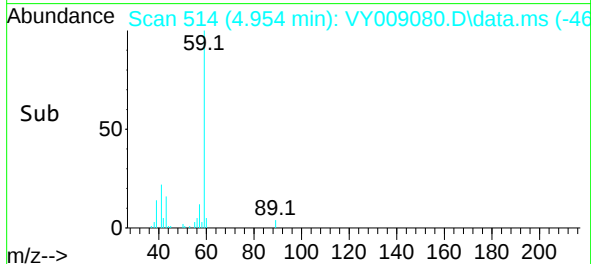
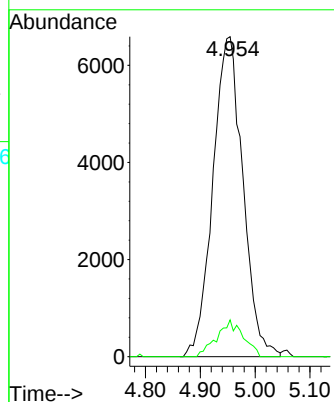
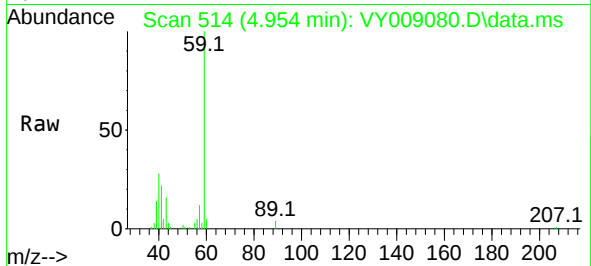




#11
Tert butyl alcohol
Concen: 230.119 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

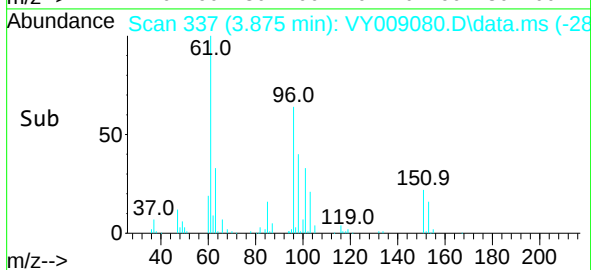
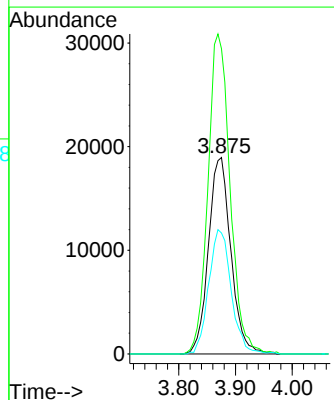
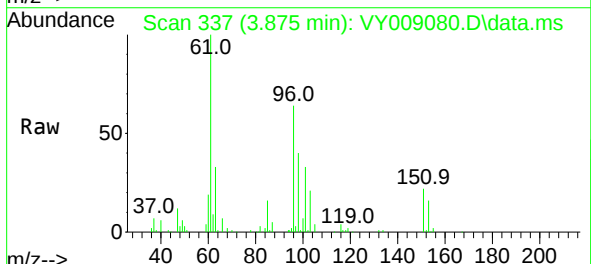
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

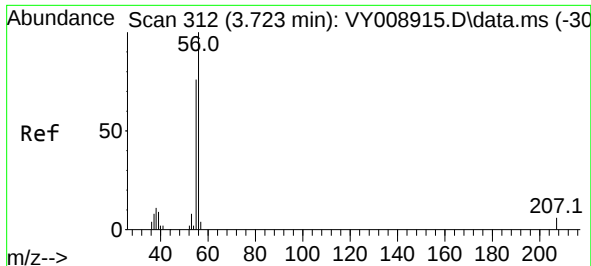
Tgt Ion: 59 Resp: 25001
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 53.292 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 96 Resp: 52166
Ion Ratio Lower Upper
96 100
61 155.4 145.8 218.6
98 61.6 52.5 78.7

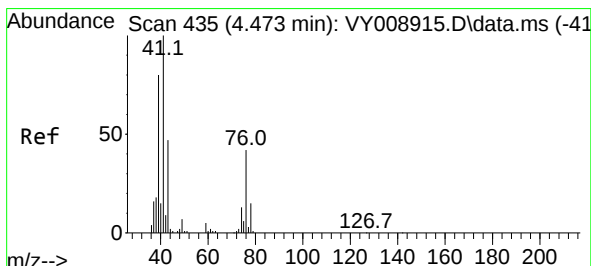
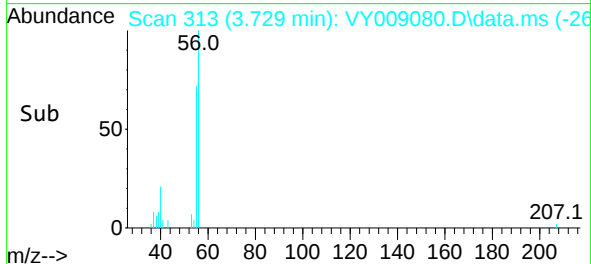
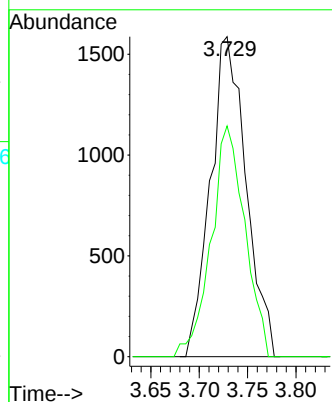
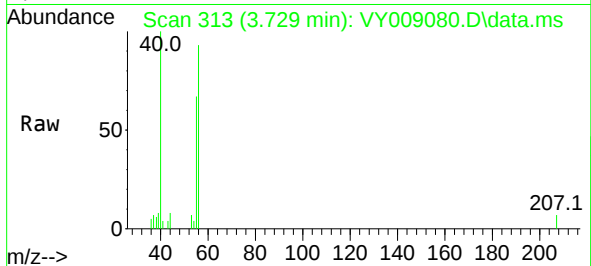




#13
Acrolein
Concen: 113.560 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

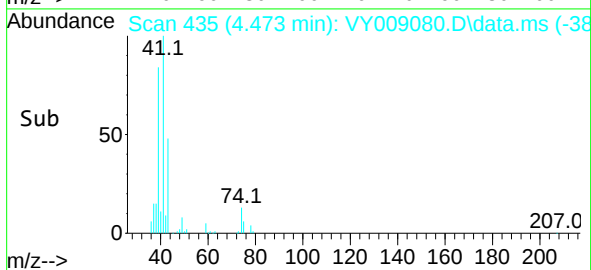
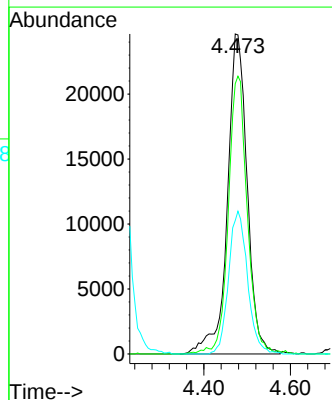
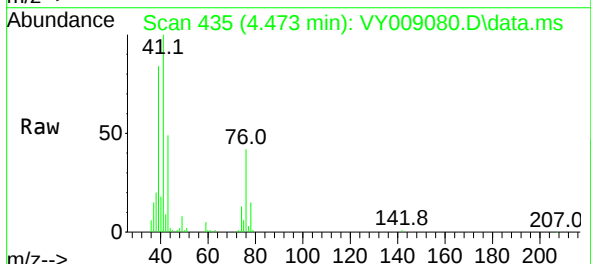
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

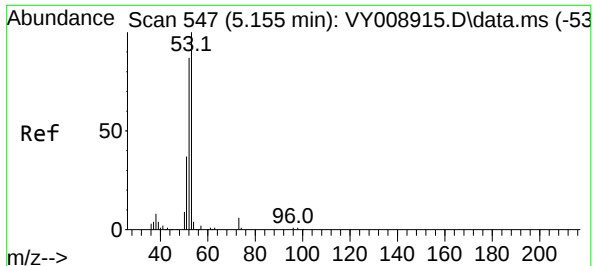
Tgt Ion: 56 Resp: 4061
Ion Ratio Lower Upper
56 100
55 68.1 57.6 86.4



#14
Allyl chloride
Concen: 53.086 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 41 Resp: 78312
Ion Ratio Lower Upper
41 100
39 82.9 58.8 88.2
76 42.8 25.1 37.7#

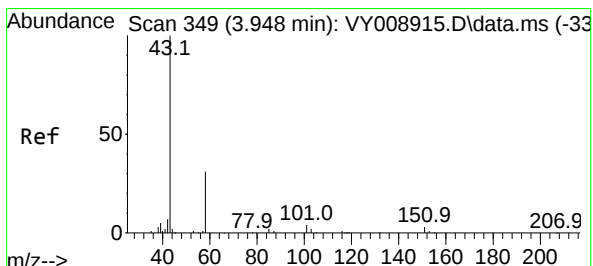
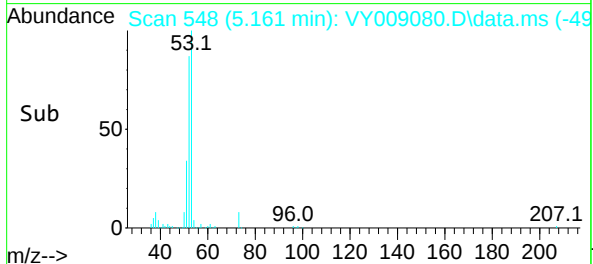
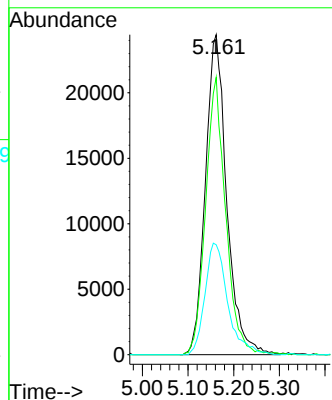
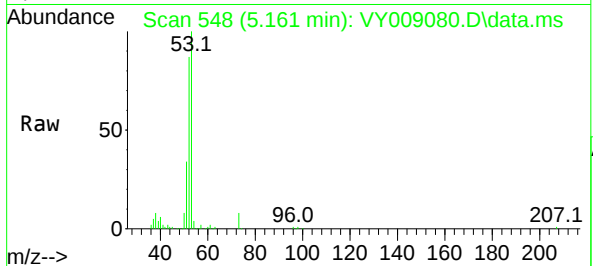




#15
Acrylonitrile
Concen: 263.418 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

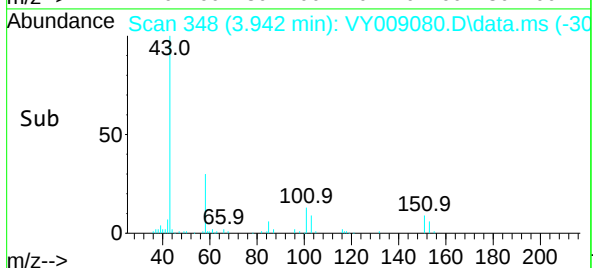
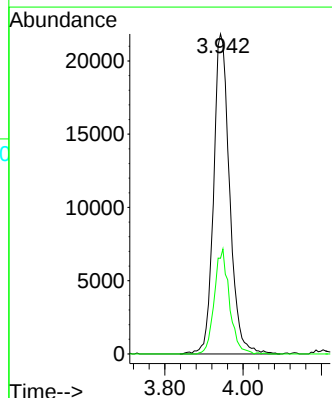
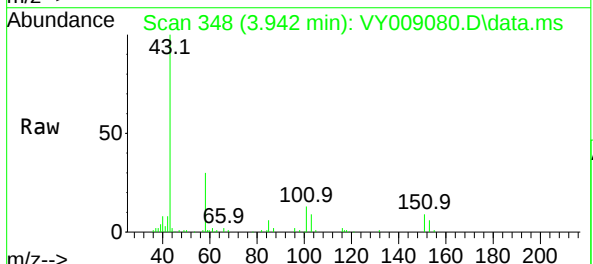
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

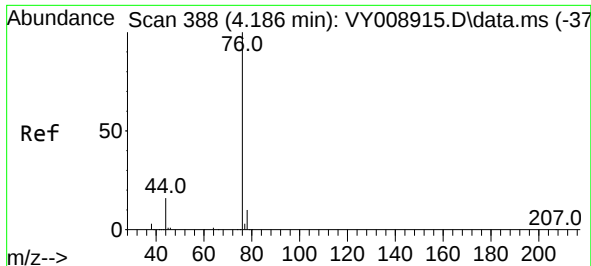
Tgt Ion: 53 Resp: 79125
Ion Ratio Lower Upper
53 100
52 81.5 67.0 100.4
51 37.3 29.8 44.6



#16
Acetone
Concen: 277.899 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 43 Resp: 61959
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0

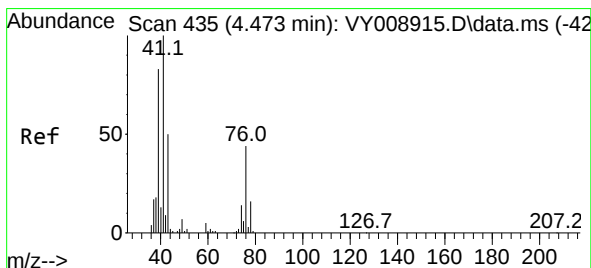
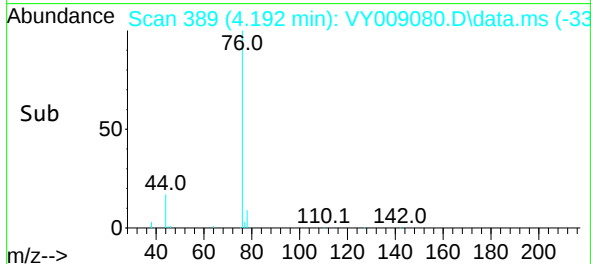
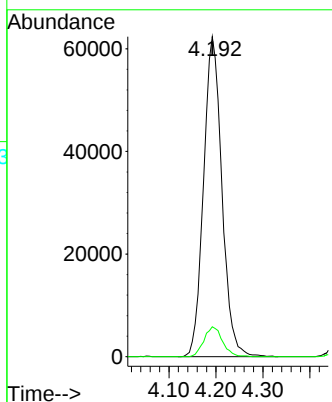
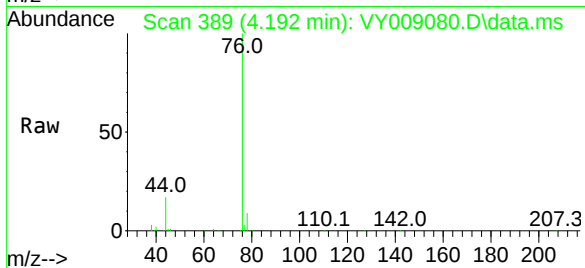




#17
Carbon Disulfide
Concen: 52.897 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

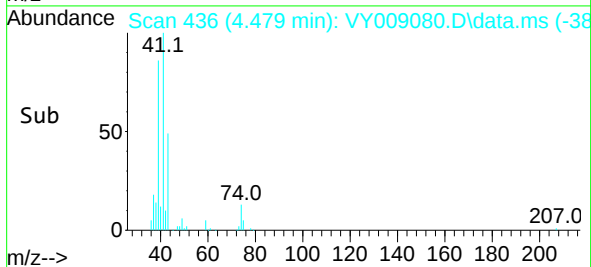
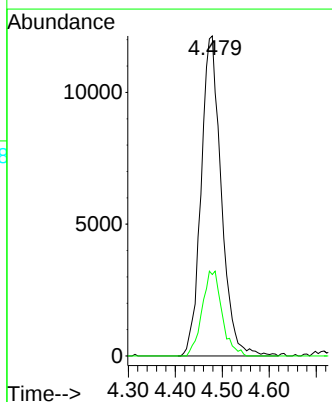
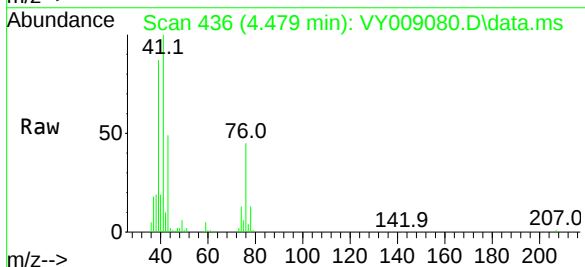
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

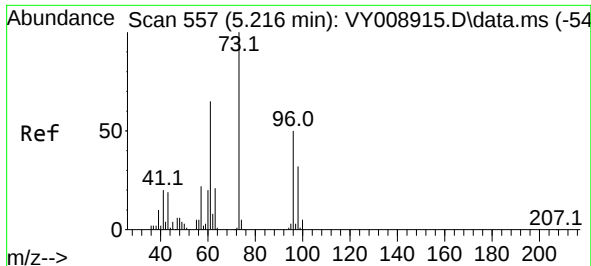
Tgt Ion: 76 Resp: 169164
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 52.175 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 43 Resp: 36224
Ion Ratio Lower Upper
43 100
74 26.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 52.161 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

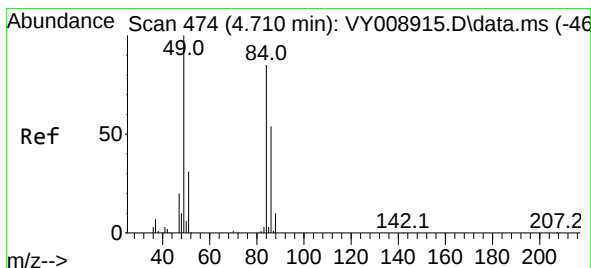
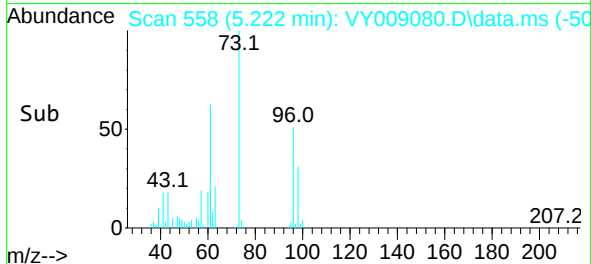
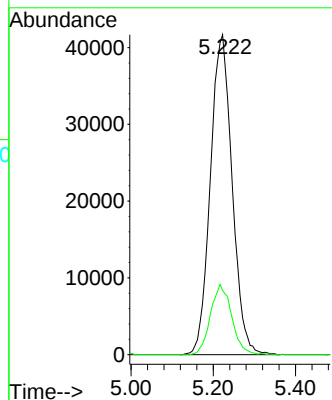
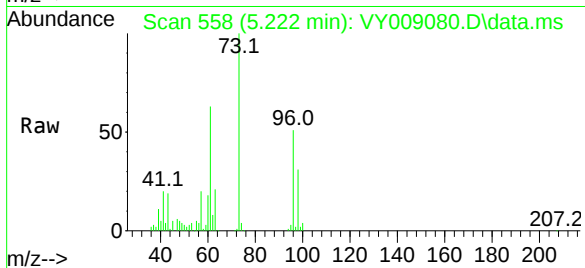
VSTDCCC050

Tgt Ion: 73 Resp: 153254

Ion Ratio Lower Upper

73 100

57 20.1 18.6 27.8



#20

Methylene Chloride

Concen: 50.742 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Tgt Ion: 84 Resp: 63053

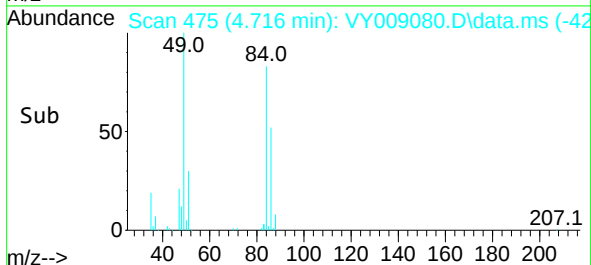
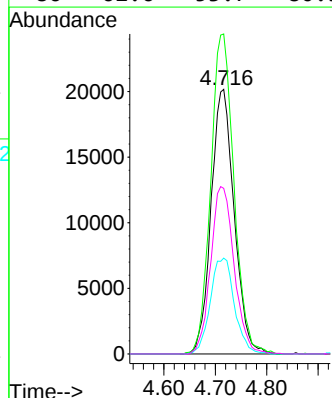
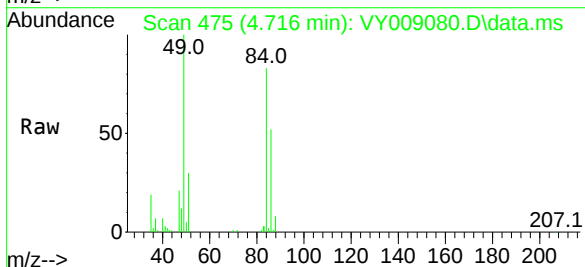
Ion Ratio Lower Upper

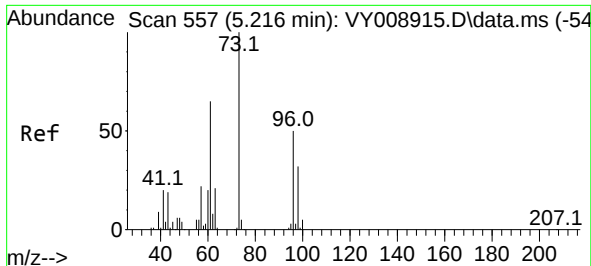
84 100

49 120.9 114.4 171.6

51 36.2 35.3 52.9

86 62.6 53.7 80.5

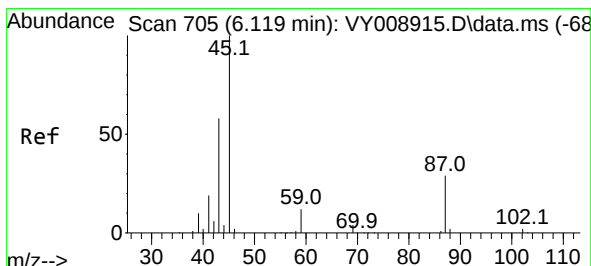
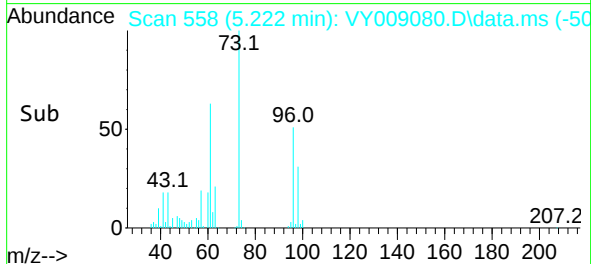
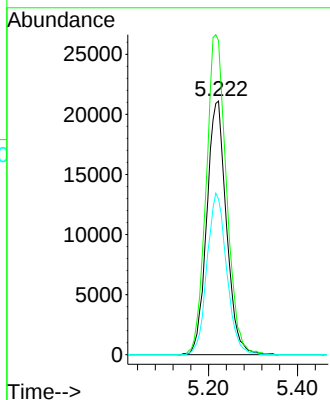
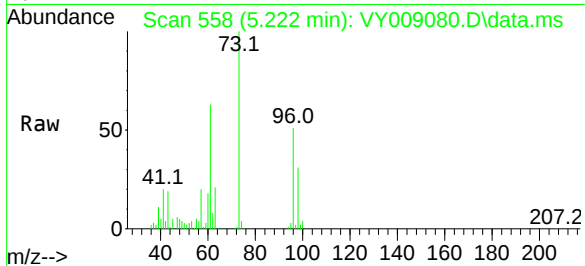




#21
trans-1,2-Dichloroethene
Concen: 51.579 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

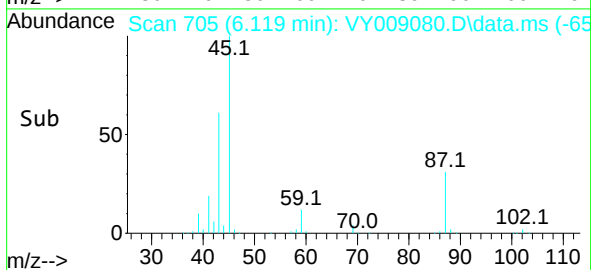
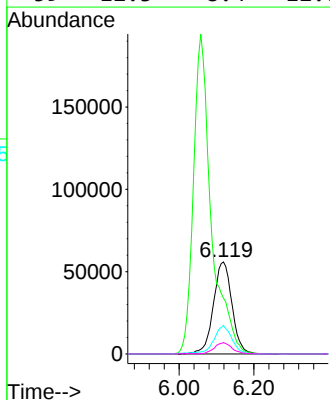
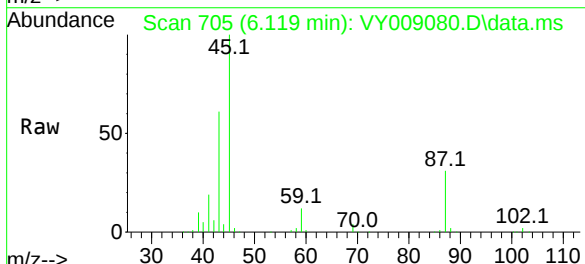
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

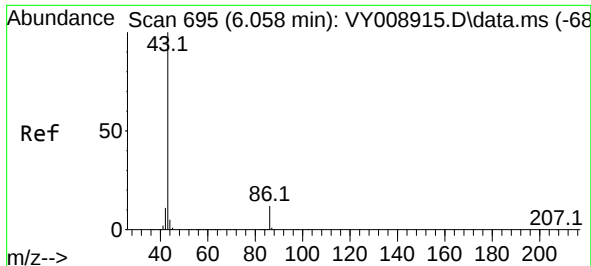
Tgt Ion: 96 Resp: 64805
Ion Ratio Lower Upper
96 100
61 123.8 120.5 180.7
98 61.3 49.8 74.8



#22
Diisopropyl ether
Concen: 54.511 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 45 Resp: 193193
Ion Ratio Lower Upper
45 100
43 60.4 49.3 73.9
87 30.9 19.2 28.8#
59 12.3 8.4 12.6

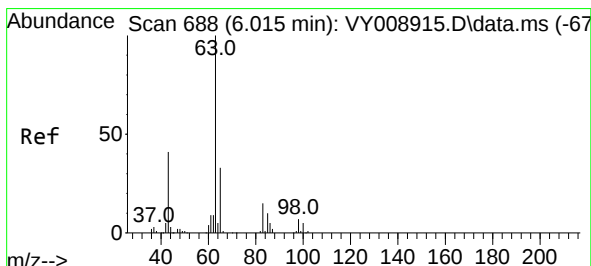
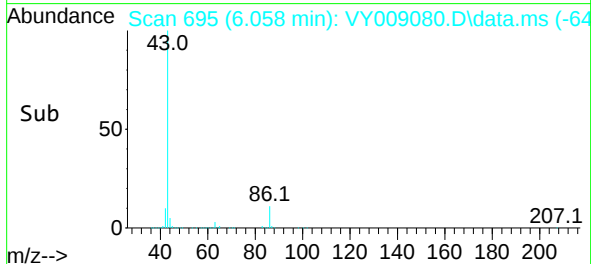
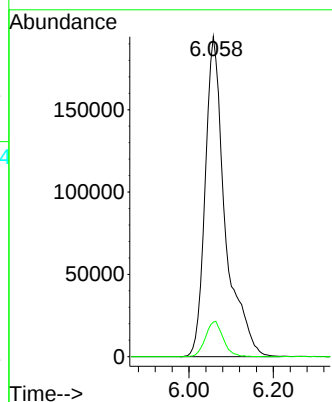
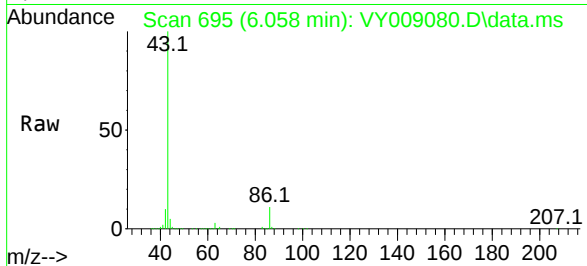




#23
 Vinyl Acetate
 Concen: 273.688 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

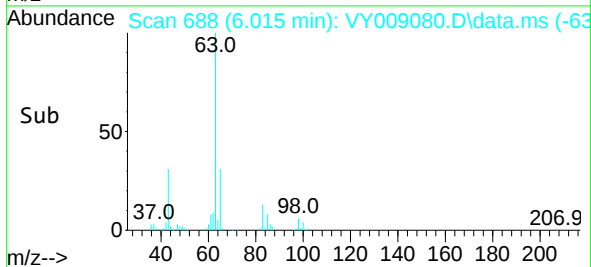
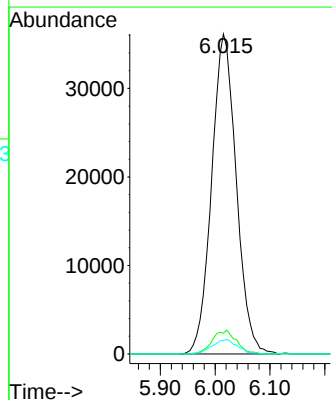
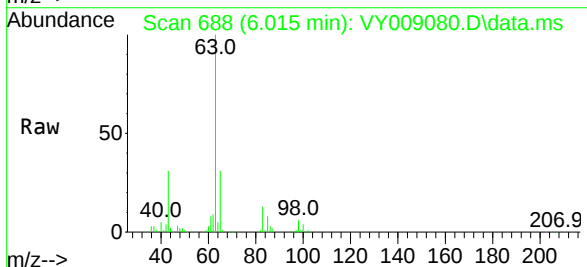
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 641622
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 53.276 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

Tgt Ion: 63 Resp: 112933
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.2 2.0 5.8

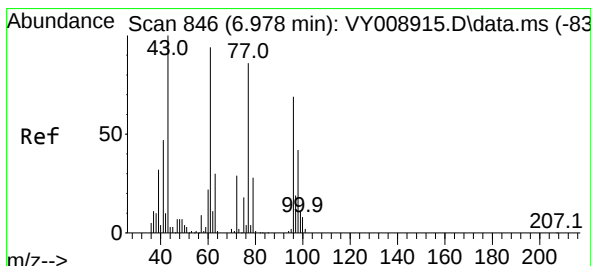
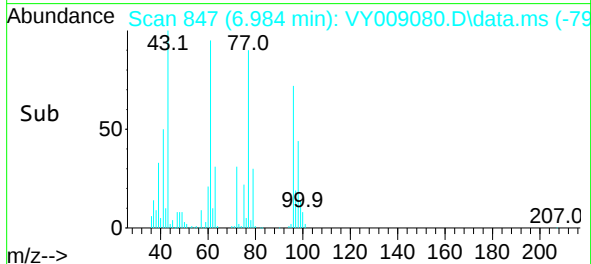
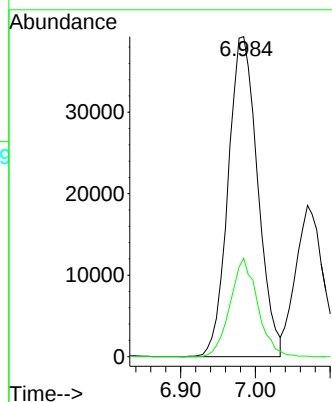
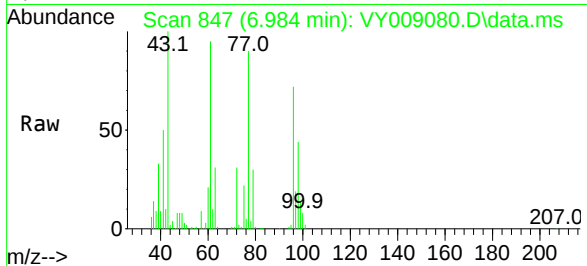




#25
2-Butanone
Concen: 270.464 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

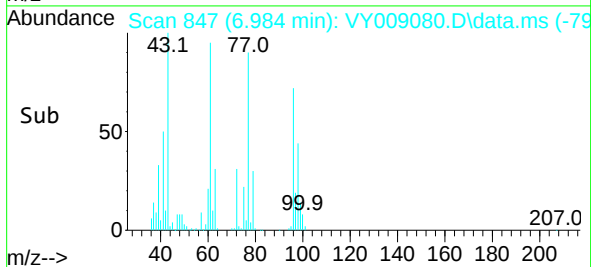
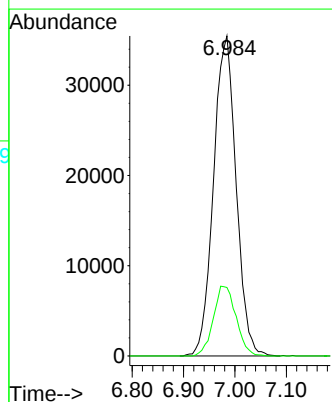
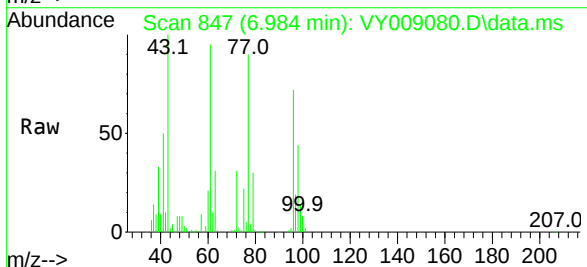
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

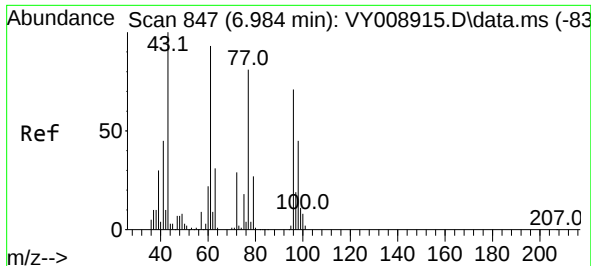
Tgt Ion: 43 Resp: 107705
Ion Ratio Lower Upper
43 100
72 30.7 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 55.427 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 77 Resp: 108232
Ion Ratio Lower Upper
77 100
97 21.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.396 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

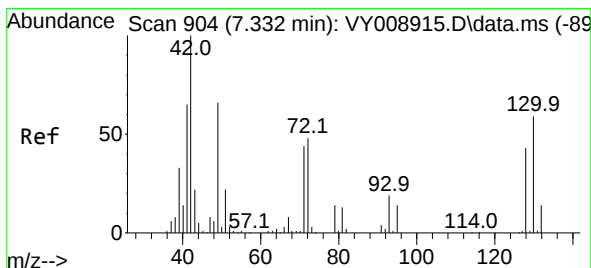
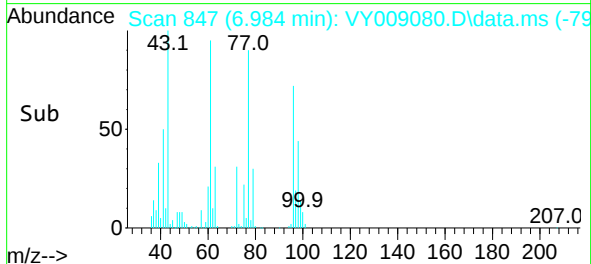
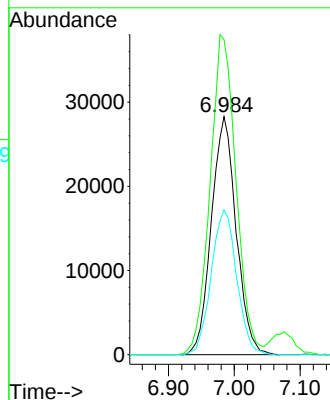
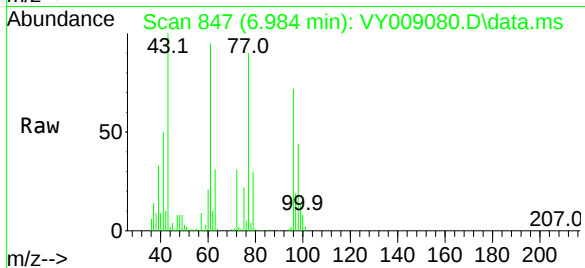
Tgt Ion: 96 Resp: 74210

Ion Ratio Lower Upper

96 100

61 140.7 0.0 319.8

98 62.6 0.0 127.0



#28

Bromochloromethane

Concen: 50.971 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

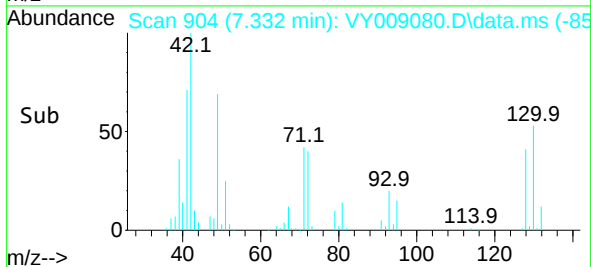
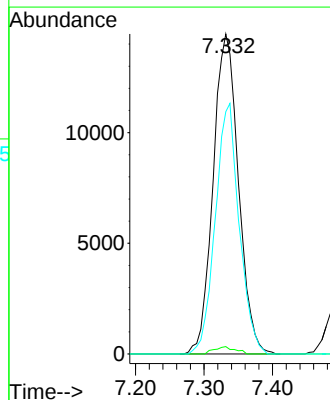
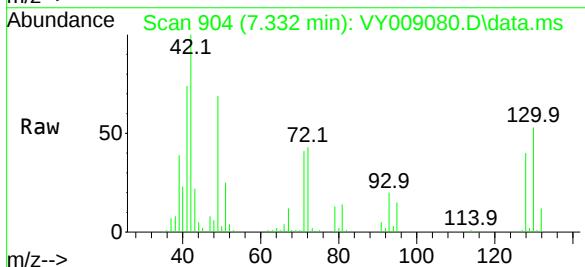
Tgt Ion: 49 Resp: 37086

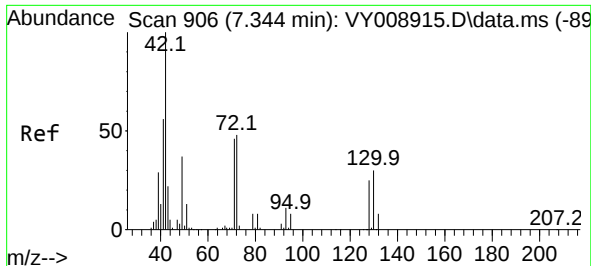
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 73.9 55.4 83.0





#29

Tetrahydrofuran

Concen: 267.083 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

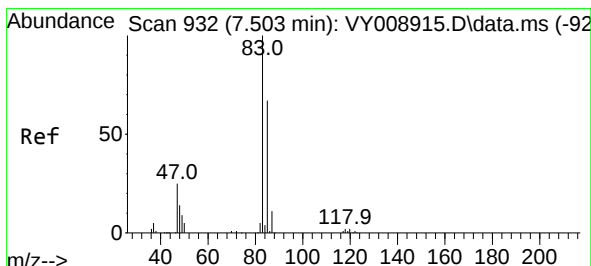
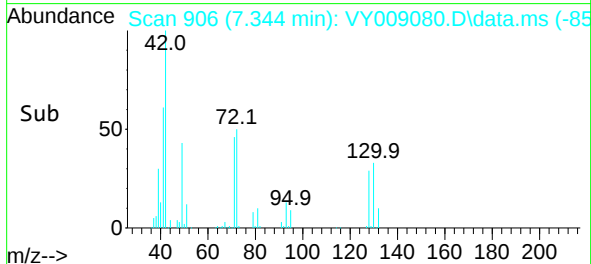
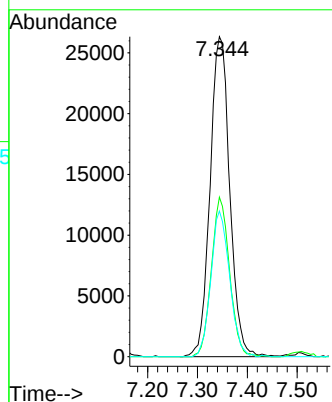
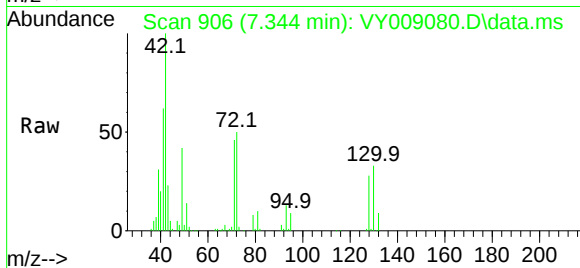
Tgt Ion: 42 Resp: 72247

Ion Ratio Lower Upper

42 100

72 46.2 30.3 45.5#

71 43.2 29.0 43.4



#30

Chloroform

Concen: 52.152 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY009080.D

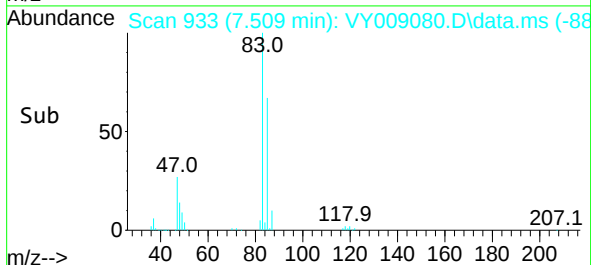
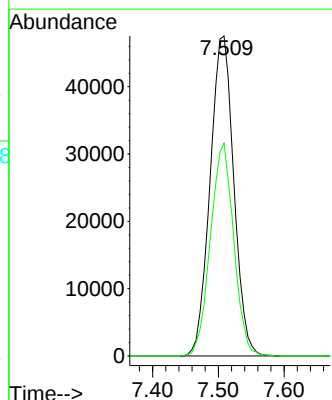
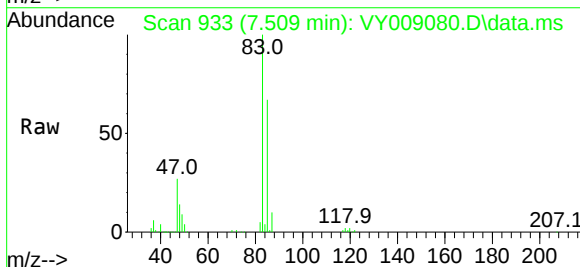
Acq: 25 May 2022 11:01

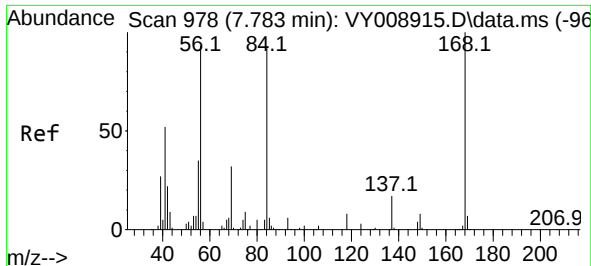
Tgt Ion: 83 Resp: 119336

Ion Ratio Lower Upper

83 100

85 66.5 51.8 77.6

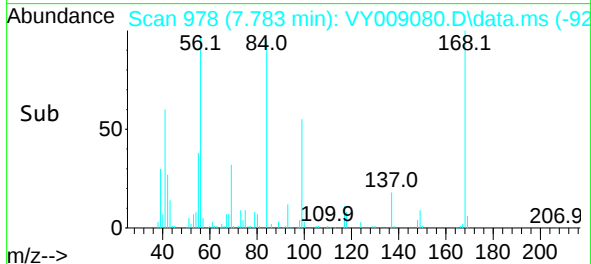
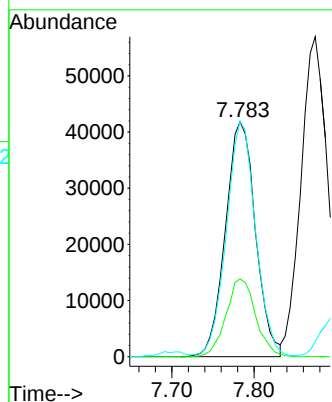
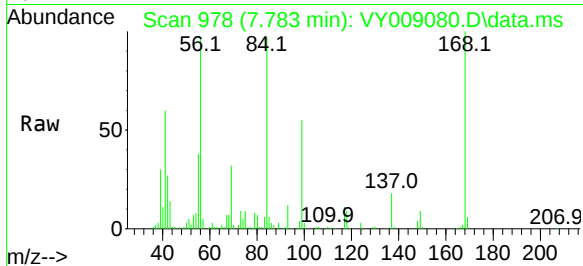




#31
Cyclohexane
Concen: 50.689 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

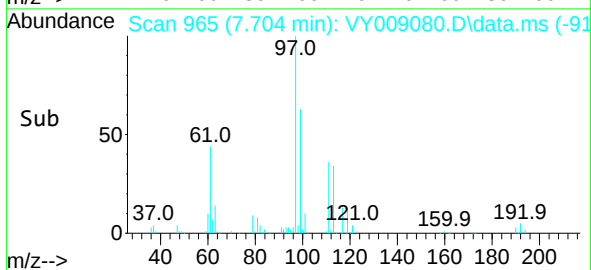
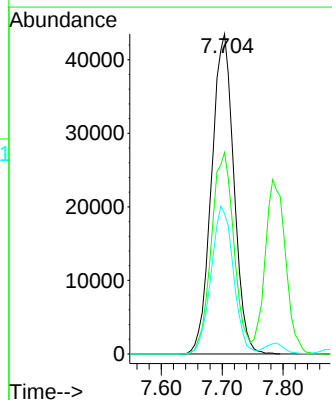
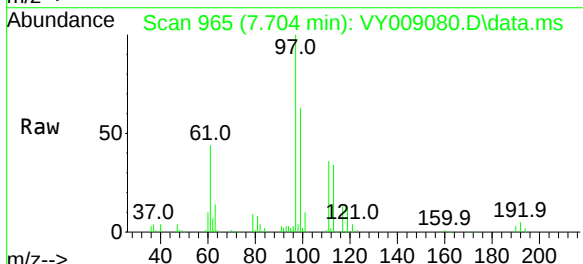
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

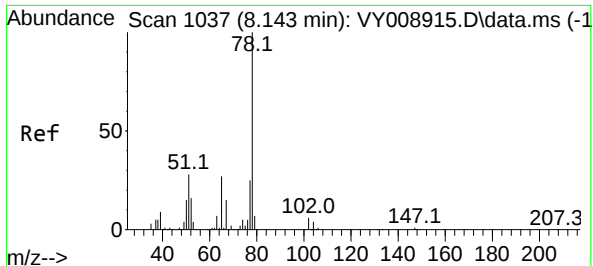
Tgt Ion: 56 Resp: 106213
Ion Ratio Lower Upper
56 100
69 33.1 26.7 40.1
84 98.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 53.318 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 97 Resp: 110686
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 46.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 42.391 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

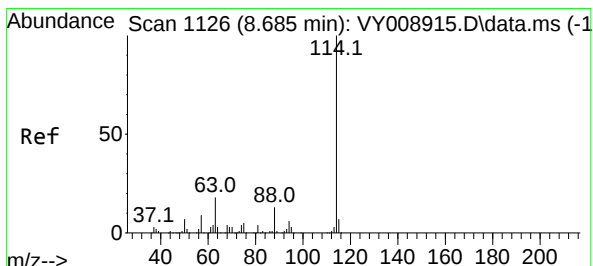
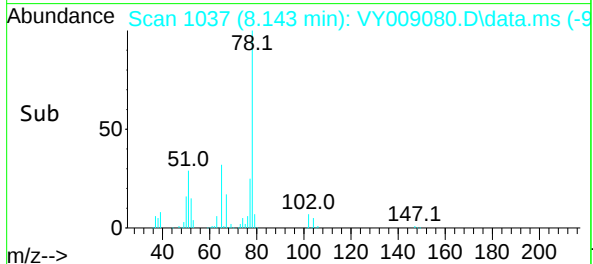
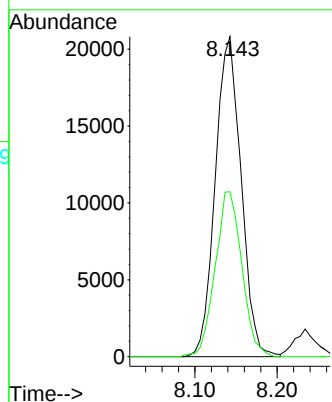
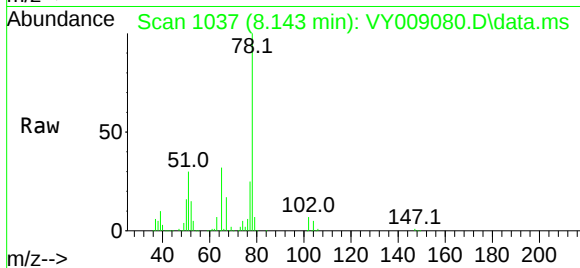
VSTDCCC050

Tgt Ion: 65 Resp: 45405

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

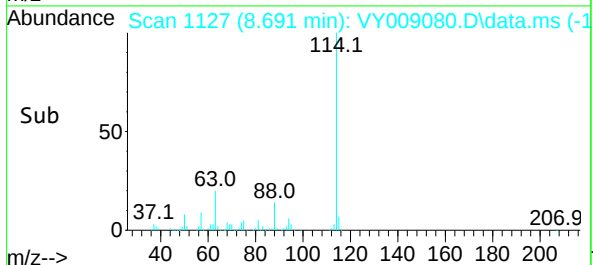
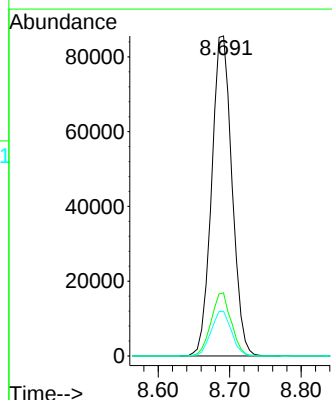
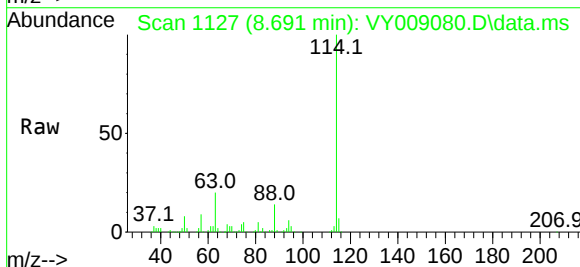
Tgt Ion: 114 Resp: 169196

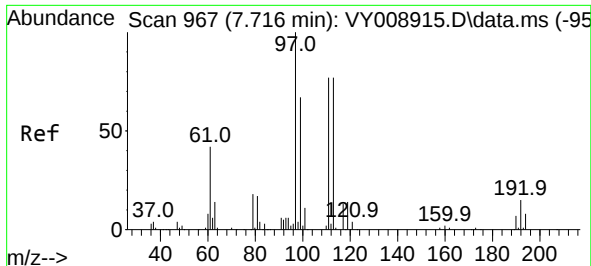
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 13.9 0.0 31.8

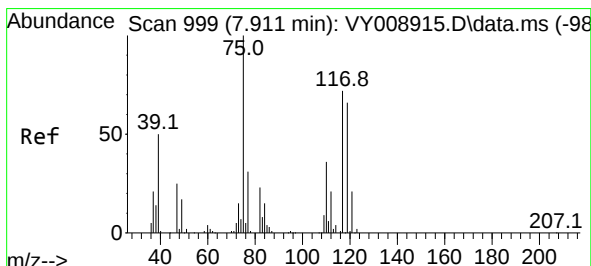
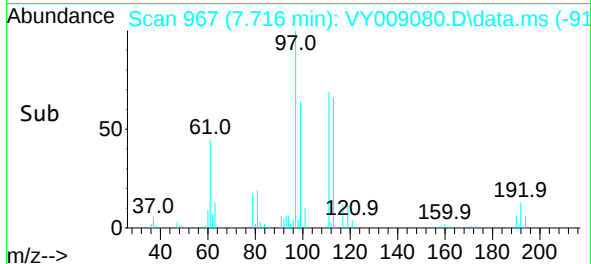
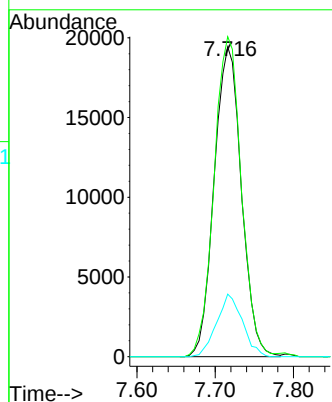
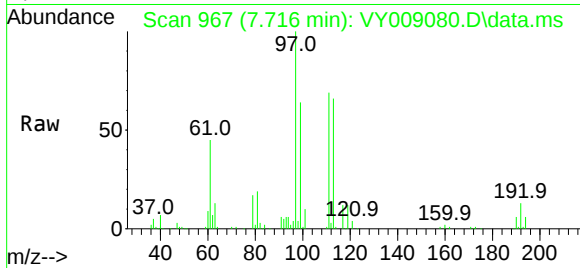




#35
Dibromofluoromethane
Concen: 44.665 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

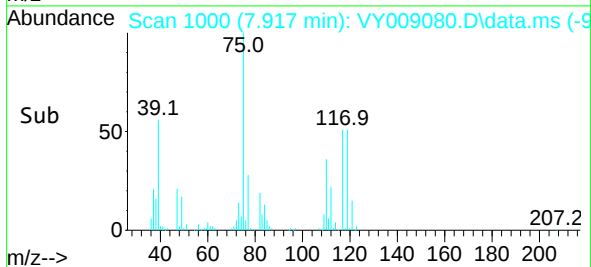
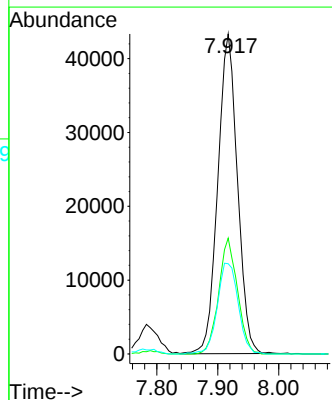
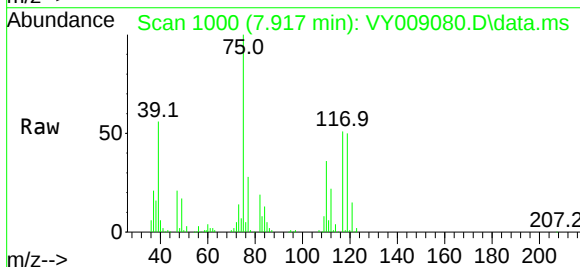
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 46993
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 54.238 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 75 Resp: 97114
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 52.004 ug/l

RT: 7.070 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

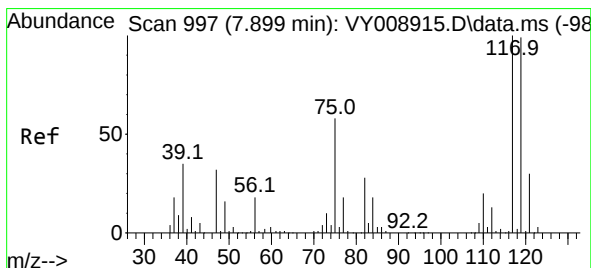
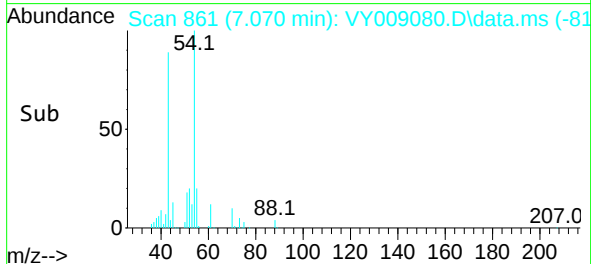
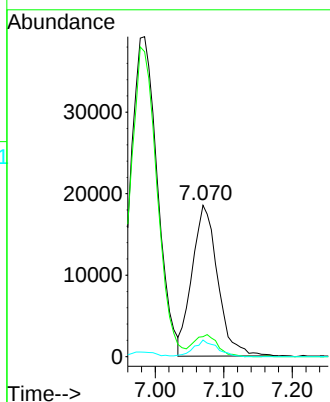
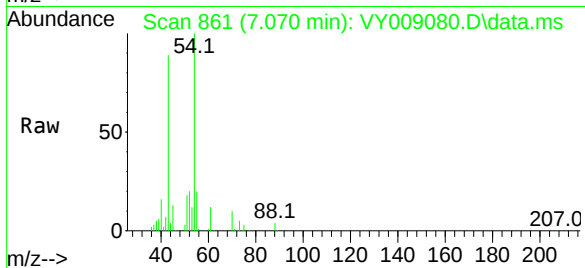
Tgt Ion: 43 Resp: 48301

Ion Ratio Lower Upper

43 100

61 13.5 9.7 14.5

70 9.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 53.169 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

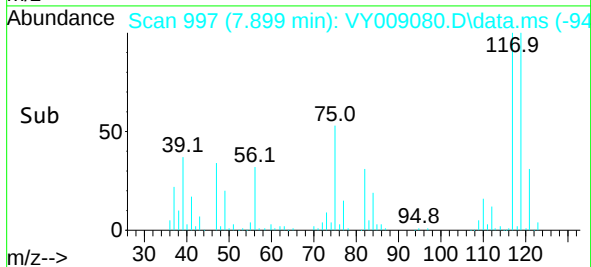
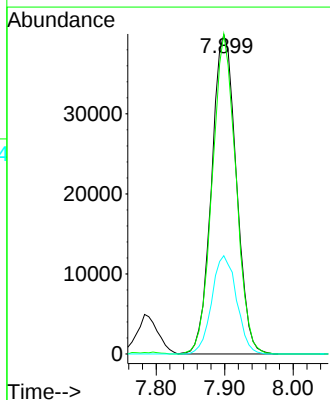
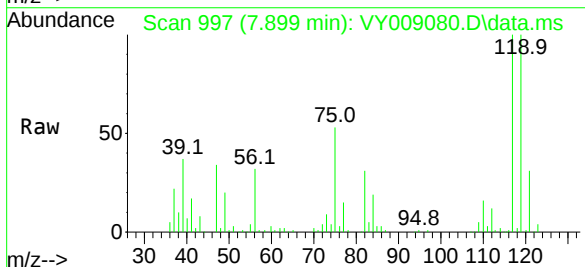
Tgt Ion: 117 Resp: 99589

Ion Ratio Lower Upper

117 100

119 100.3 77.9 116.9

121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 53.900 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

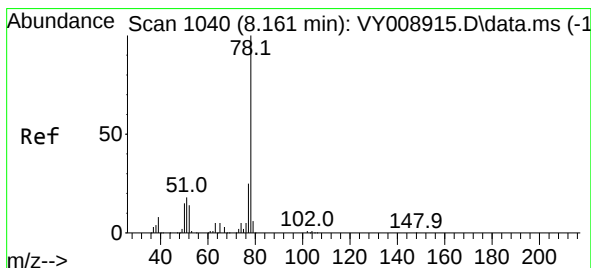
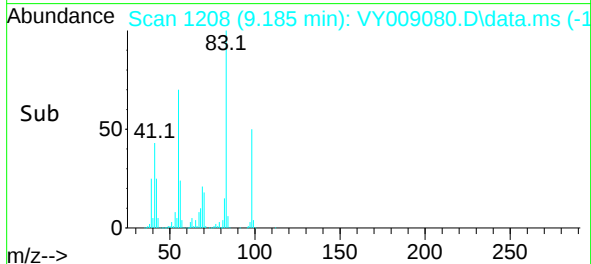
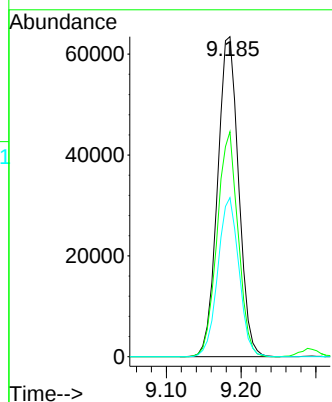
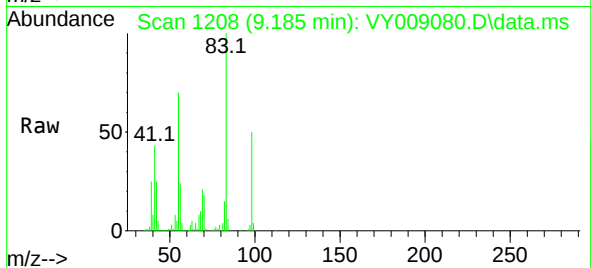
Tgt Ion: 83 Resp: 124573

Ion Ratio Lower Upper

83 100

55 70.3 66.5 99.7

98 49.7 37.9 56.9



#40

Benzene

Concen: 53.504 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY009080.D

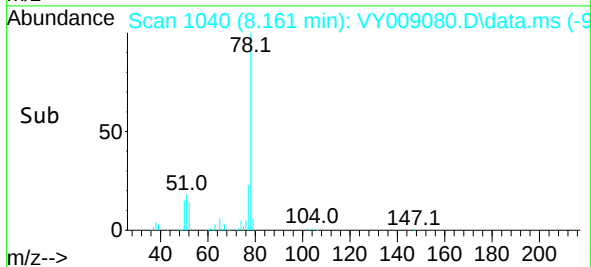
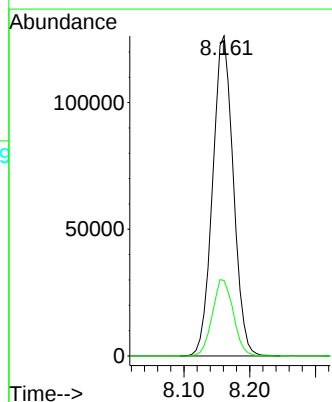
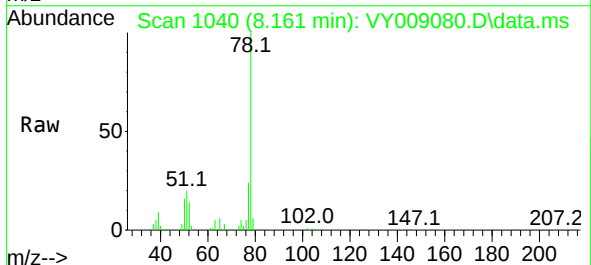
Acq: 25 May 2022 11:01

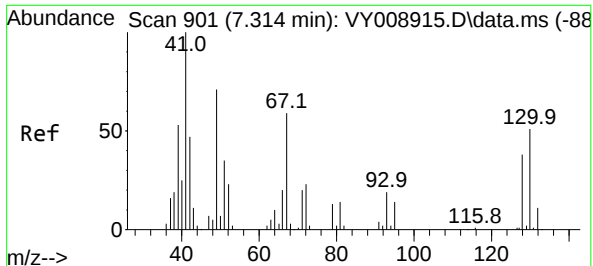
Tgt Ion: 78 Resp: 276251

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

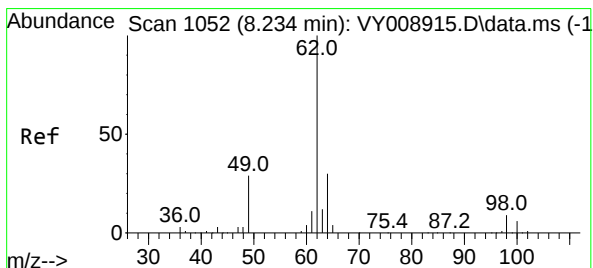
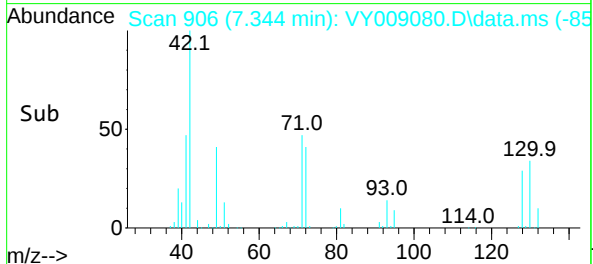
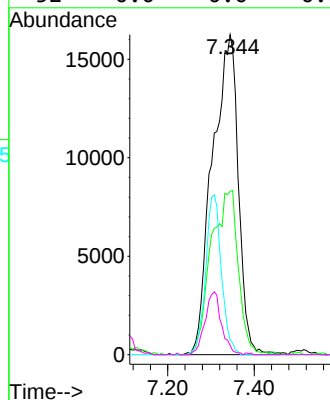
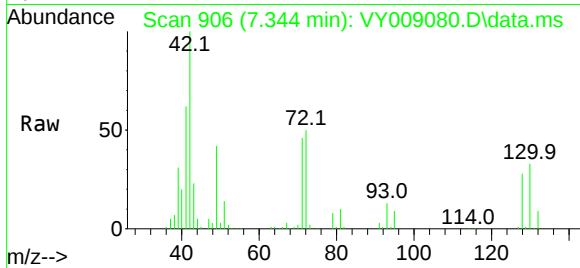




#41
Methacrylonitrile
Concen: 140.593 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

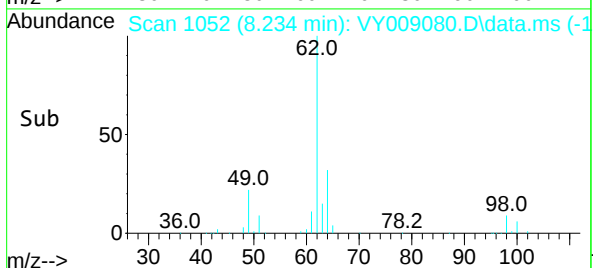
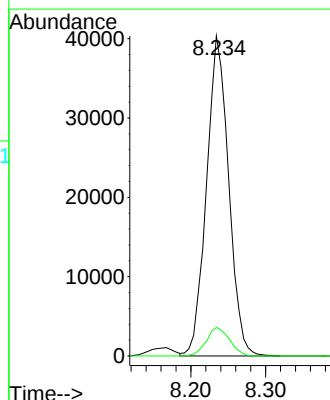
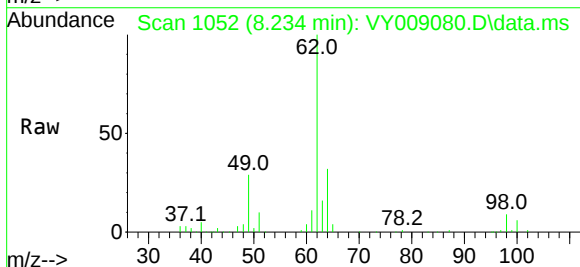
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

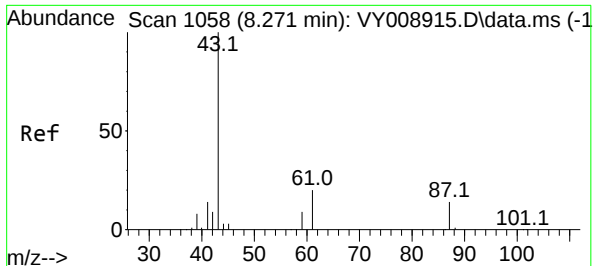
Tgt Ion: 41 Resp: 67384
Ion Ratio Lower Upper
41 100
39 53.9 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.778 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 62 Resp: 83050
Ion Ratio Lower Upper
62 100
98 9.3 0.0 14.8

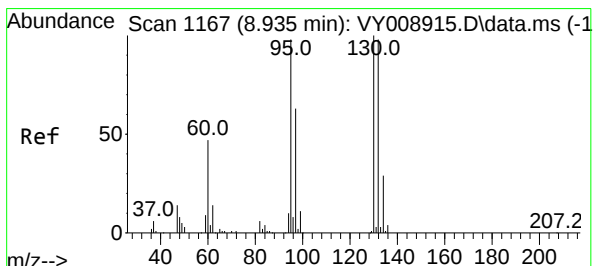
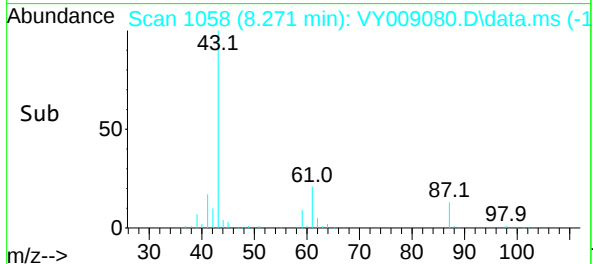
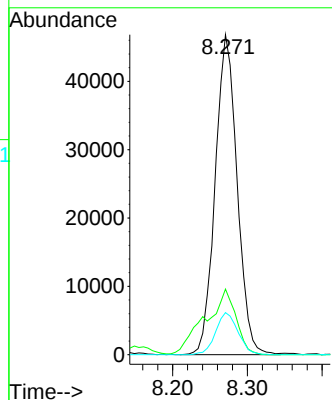
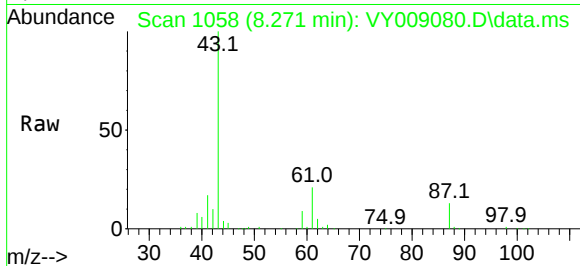




#43
Isopropyl Acetate
Concen: 55.432 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

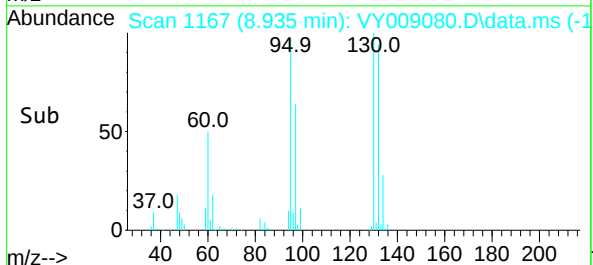
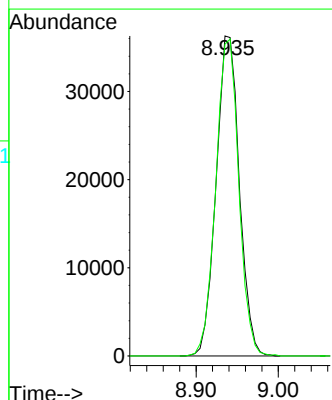
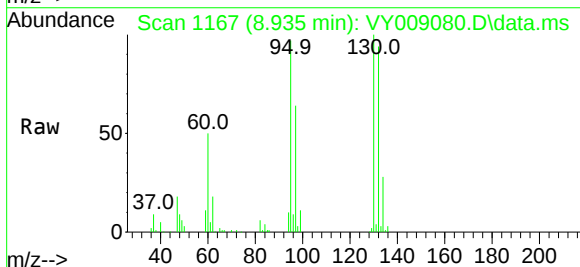
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

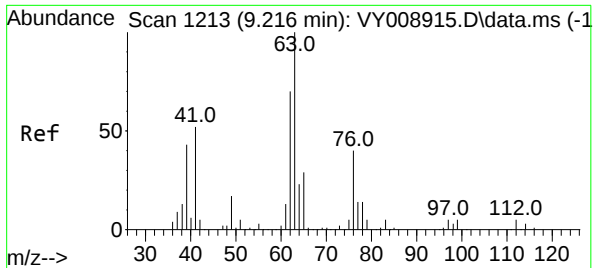
Tgt Ion: 43 Resp: 95731
Ion Ratio Lower Upper
43 100
61 28.9 20.2 30.2
87 13.4 8.9 13.3#



#44
Trichloroethene
Concen: 52.235 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 130 Resp: 71411
Ion Ratio Lower Upper
130 100
95 97.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 54.491 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

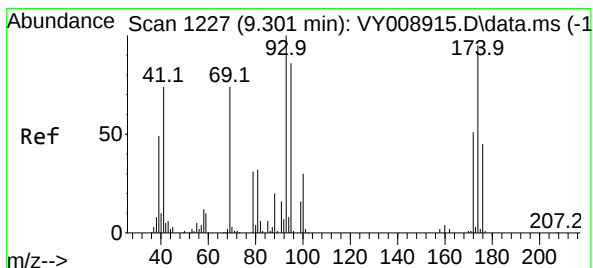
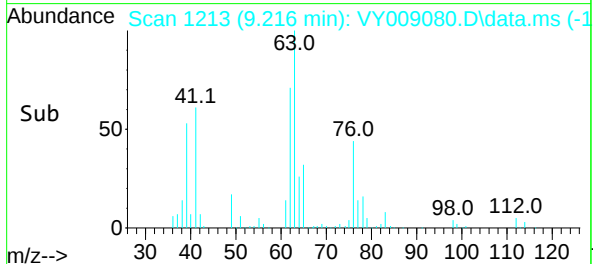
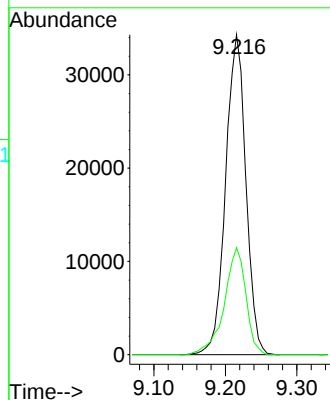
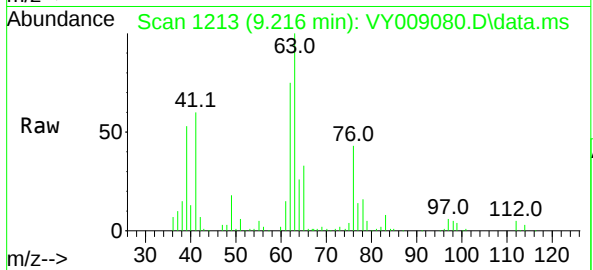
VSTDCCC050

Tgt Ion: 63 Resp: 67555

Ion Ratio Lower Upper

63 100

65 33.4 23.0 34.6



#46

Dibromomethane

Concen: 53.145 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

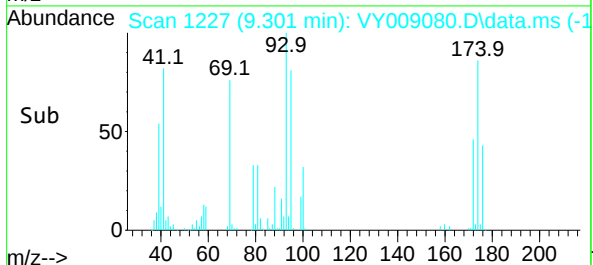
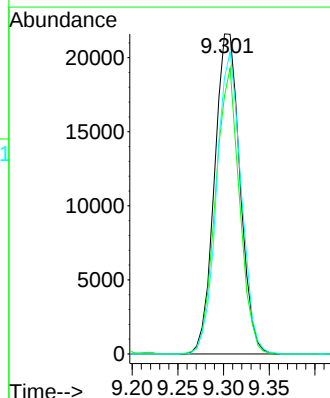
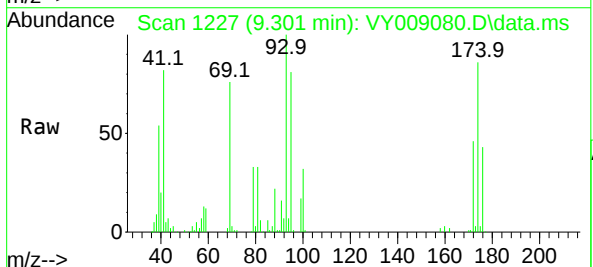
Tgt Ion: 93 Resp: 41895

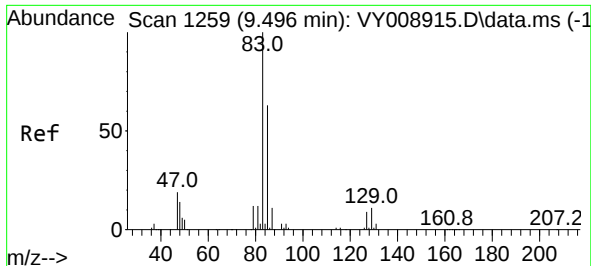
Ion Ratio Lower Upper

93 100

95 83.8 64.3 96.5

174 91.0 83.4 125.0

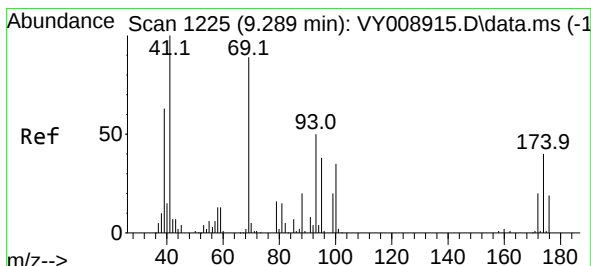
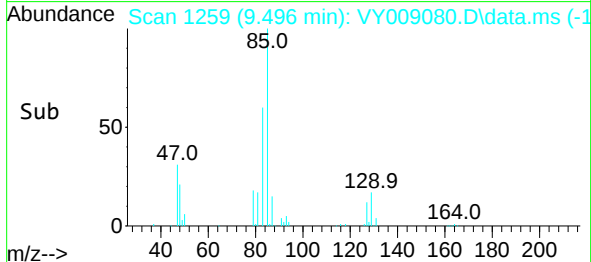
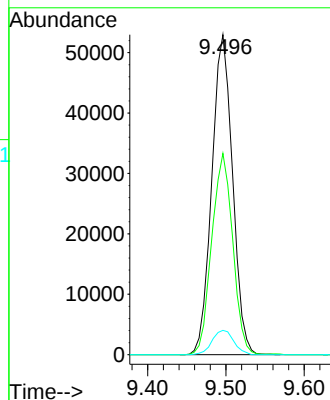
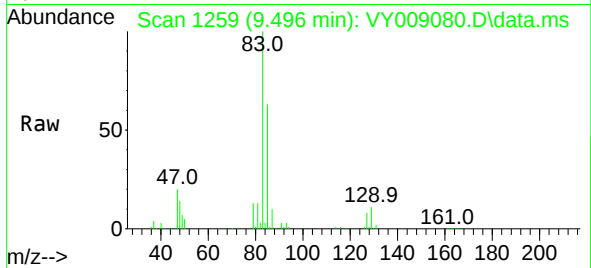




#47
Bromodichloromethane
Concen: 54.119 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

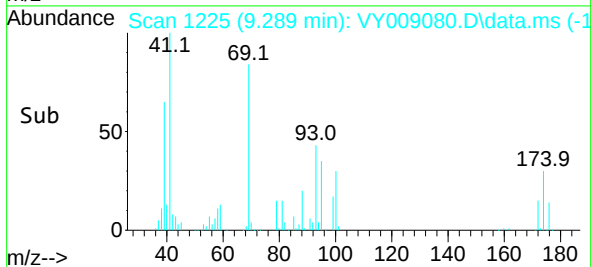
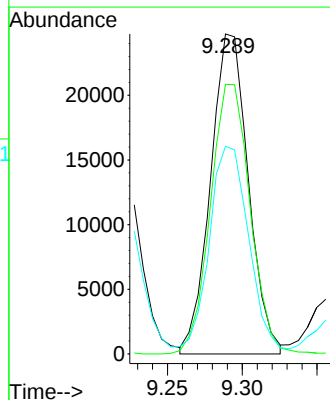
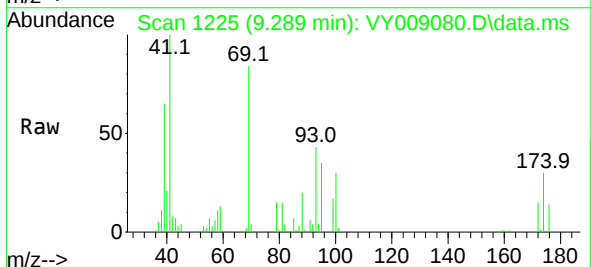
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

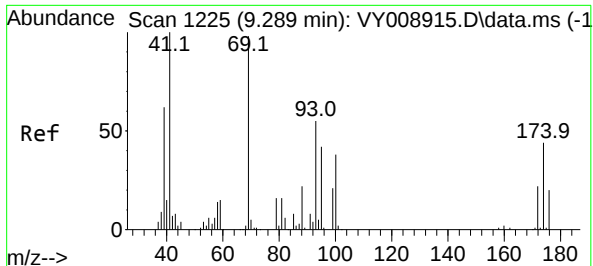
Tgt Ion: 83 Resp: 97501
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9
127 7.6 6.6 10.0



#48
Methyl methacrylate
Concen: 56.405 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 41 Resp: 43497
Ion Ratio Lower Upper
41 100
69 88.6 58.2 87.2#
39 64.8 47.4 71.0





#49

1,4-Dioxane

Concen: 1050.873 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

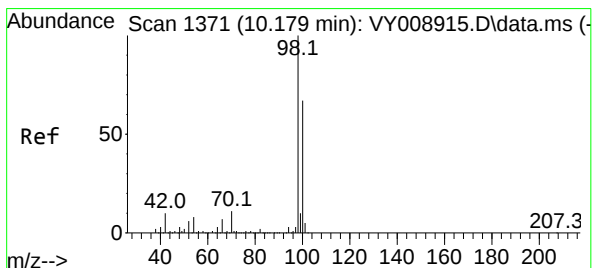
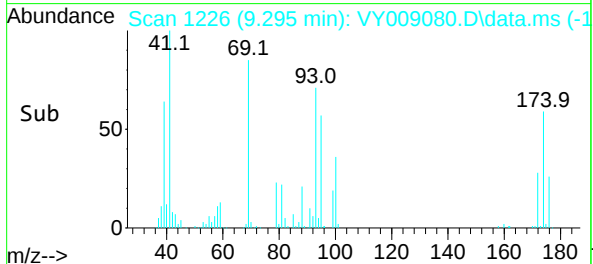
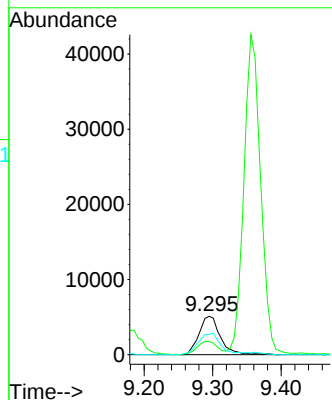
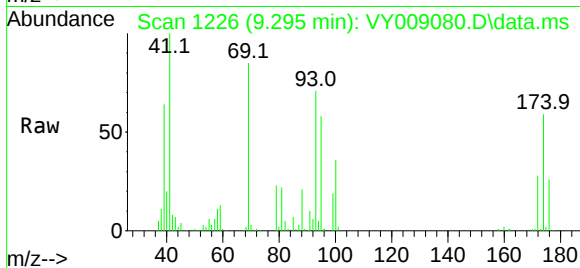
Tgt Ion: 88 Resp: 11074

Ion Ratio Lower Upper

88 100

43 33.8 32.8 49.2

58 60.2 59.8 89.6



#50

Toluene-d8

Concen: 41.416 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009080.D

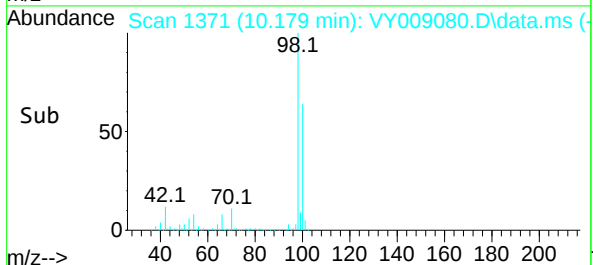
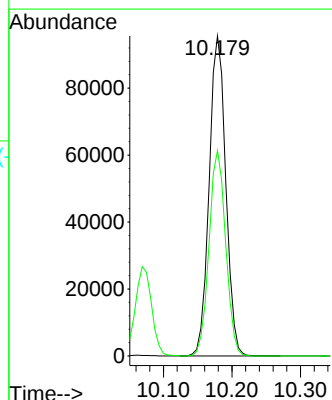
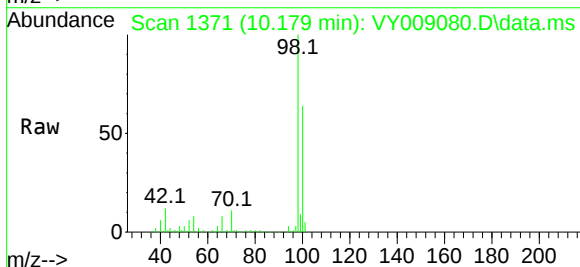
Acq: 25 May 2022 11:01

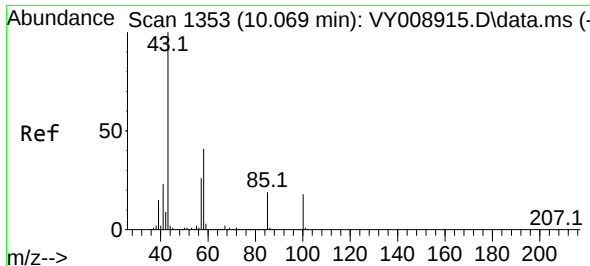
Tgt Ion: 98 Resp: 160754

Ion Ratio Lower Upper

98 100

100 64.3 50.2 75.2

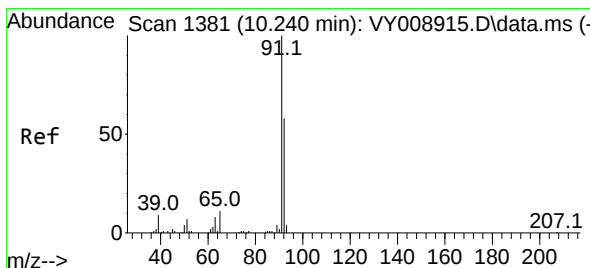
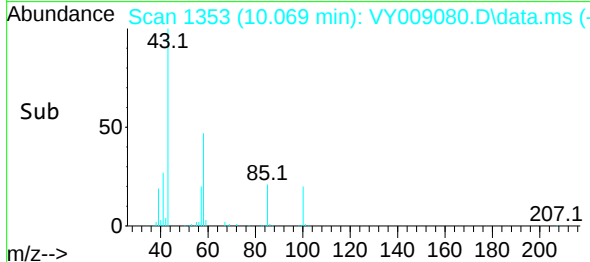
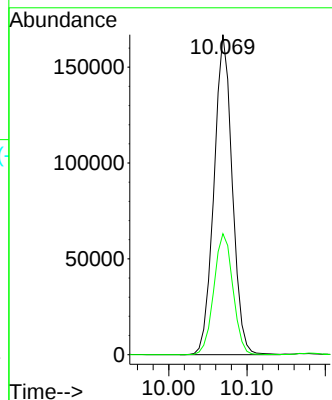
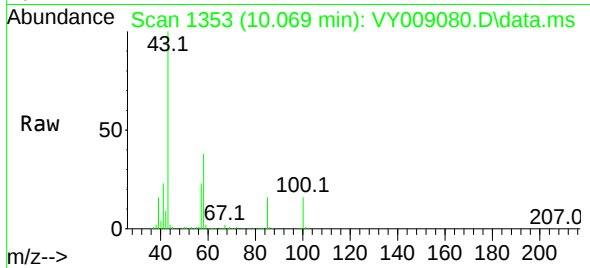




#51
4-Methyl-2-Pentanone
Concen: 283.205 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

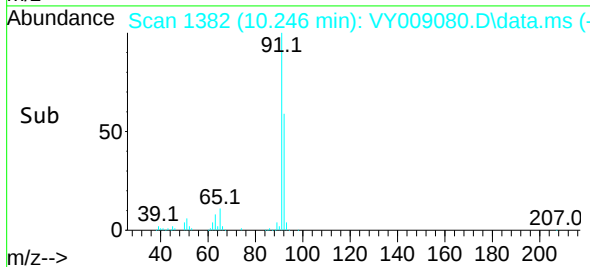
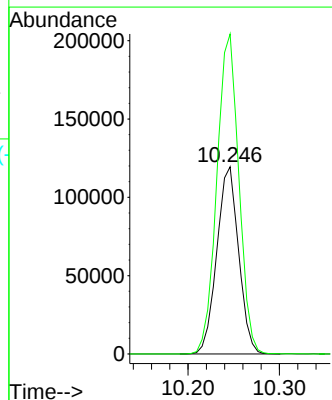
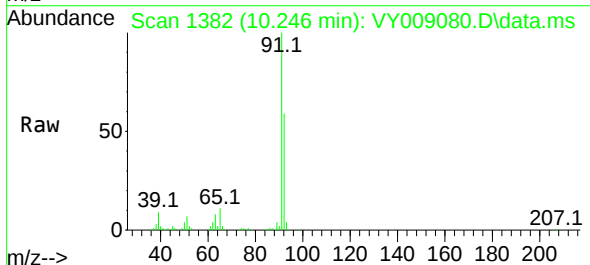
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

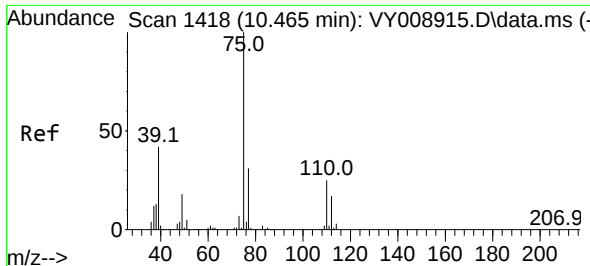
Tgt Ion: 43 Resp: 270683
Ion Ratio Lower Upper
43 100
58 39.4 28.1 42.1



#52
Toluene
Concen: 54.874 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 92 Resp: 197999
Ion Ratio Lower Upper
92 100
91 172.4 142.6 213.8

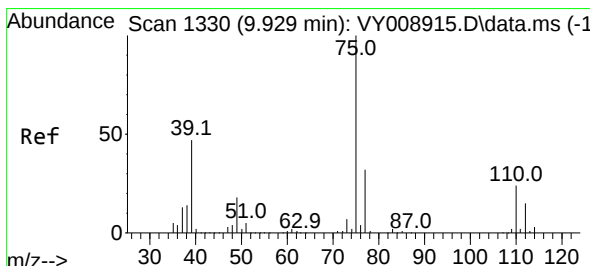
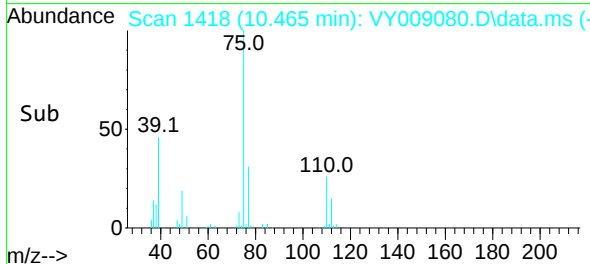
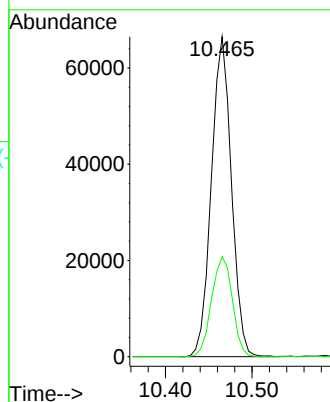
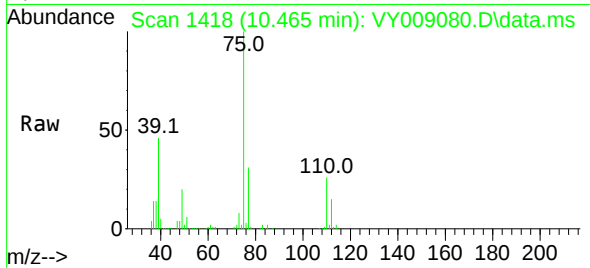




#53
 t-1,3-Dichloropropene
 Concen: 55.898 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

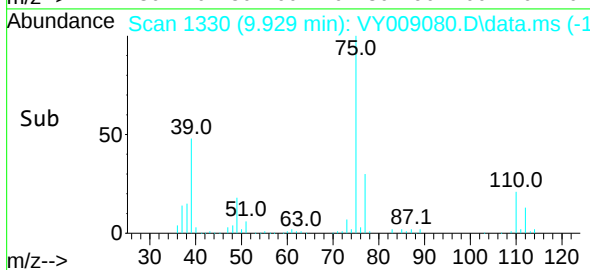
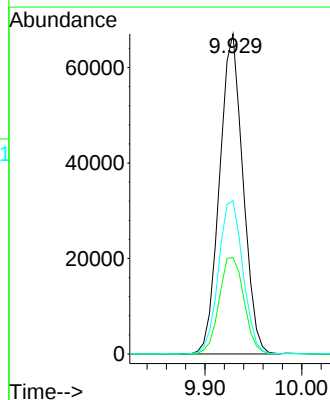
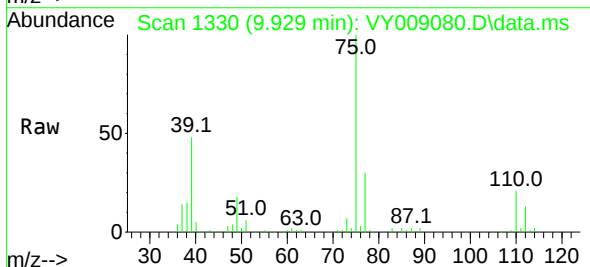
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

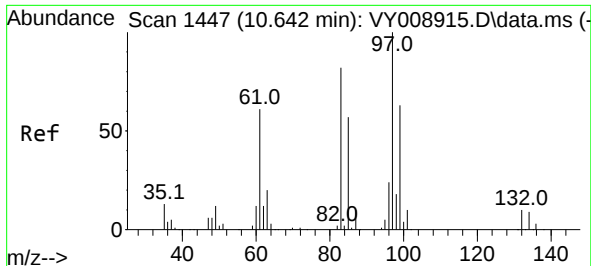
Tgt Ion: 75 Resp: 106942
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.761 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

Tgt Ion: 75 Resp: 112628
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.6 38.4
 39 47.9 47.6 71.4

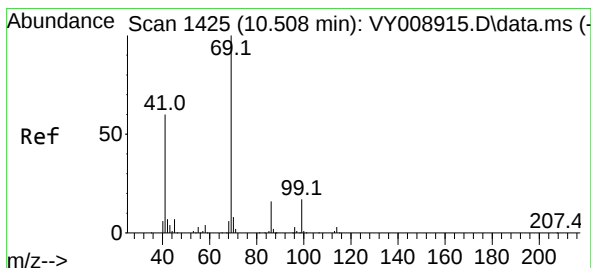
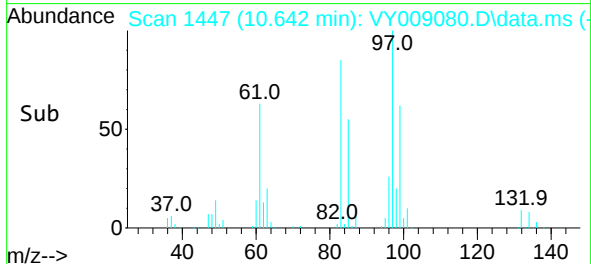
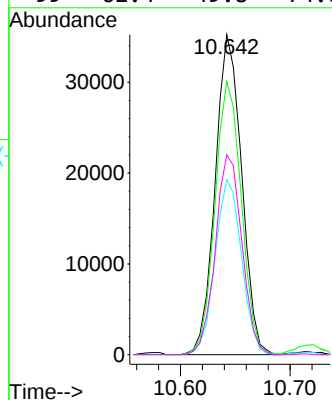
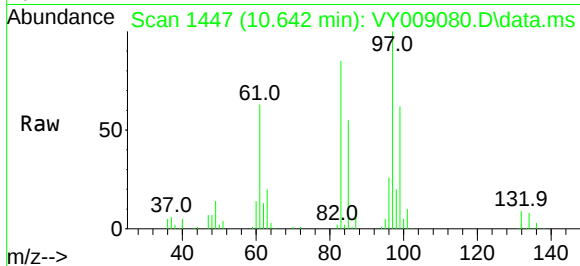




#55
 1,1,2-Trichloroethane
 Concen: 53.486 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

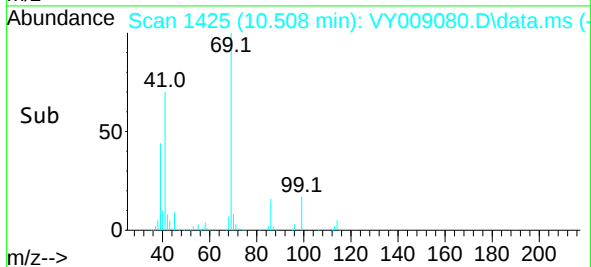
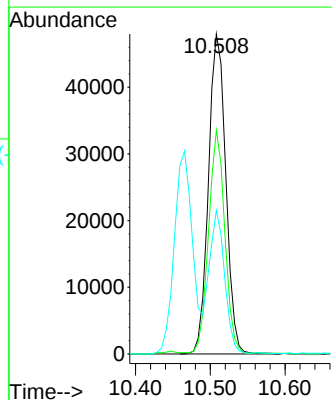
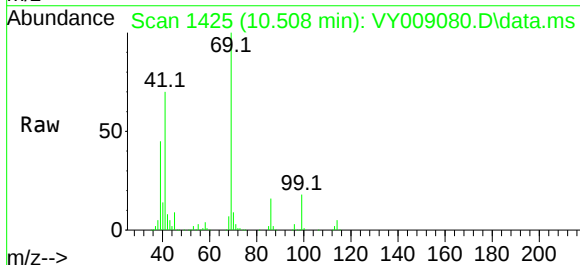
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

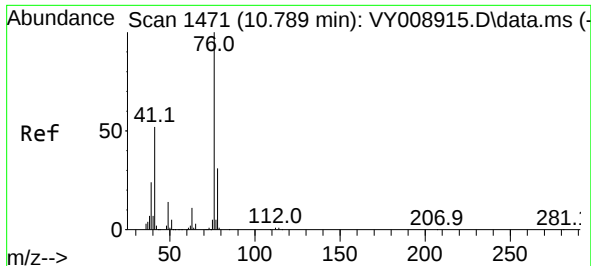
Tgt Ion:	97	Resp:	58989
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.8	104.8
85	54.8	44.3	66.5
99	62.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 54.795 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

Tgt Ion:	69	Resp:	77262
Ion	Ratio	Lower	Upper
69	100		
41	65.5	63.4	95.0
39	39.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 54.984 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

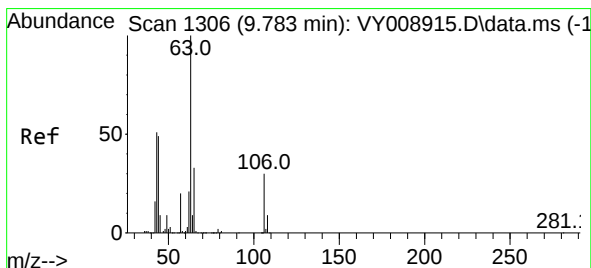
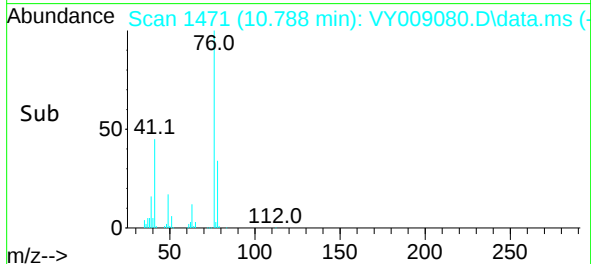
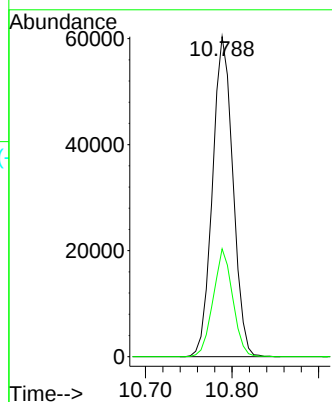
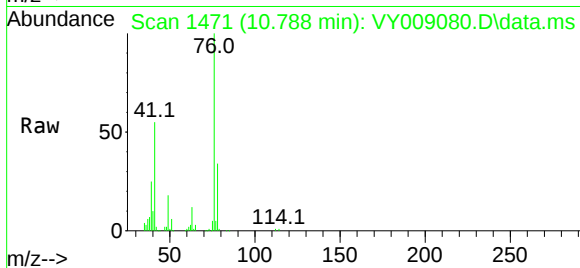
VSTDCCC050

Tgt Ion: 76 Resp: 98920

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 265.952 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY009080.D

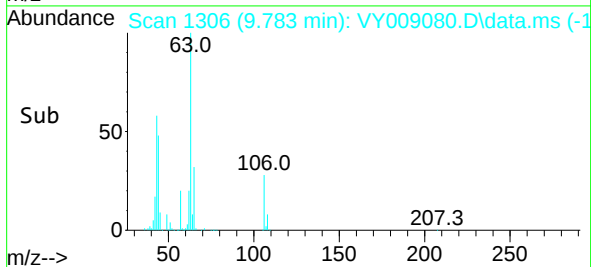
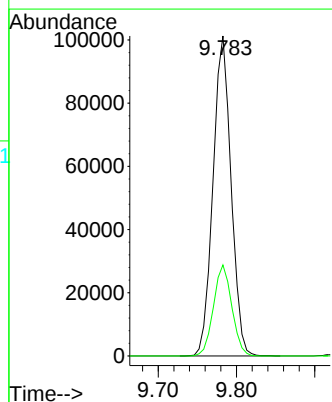
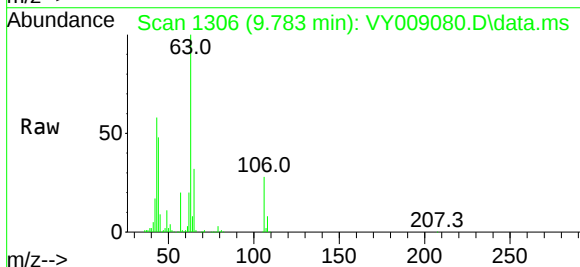
Acq: 25 May 2022 11:01

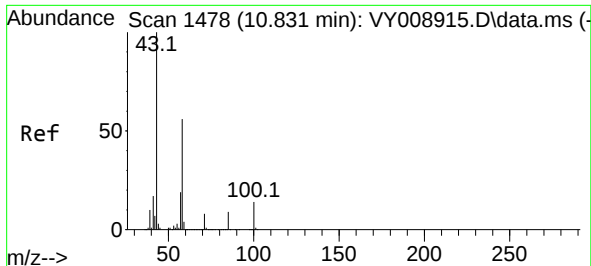
Tgt Ion: 63 Resp: 162236

Ion Ratio Lower Upper

63 100

106 28.8 21.5 32.3

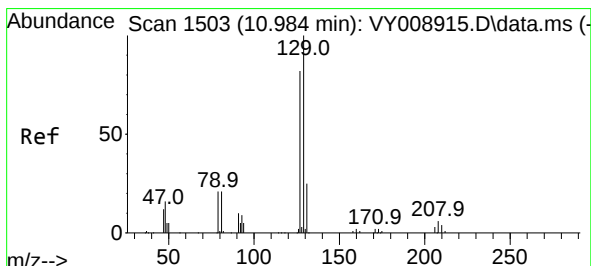
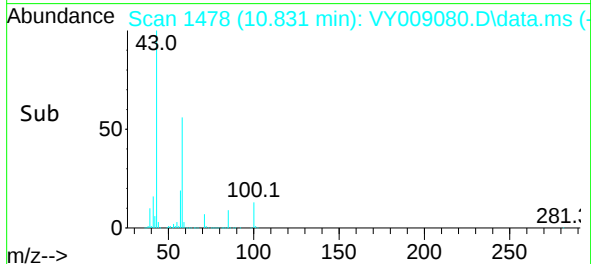
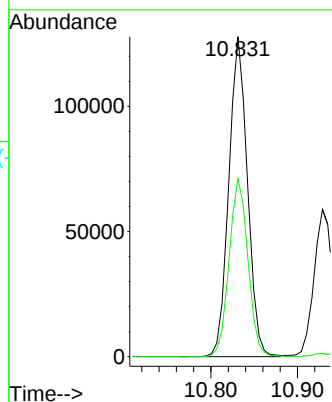
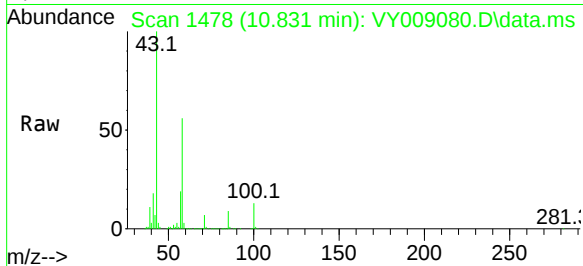




#59
2-Hexanone
Concen: 291.602 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

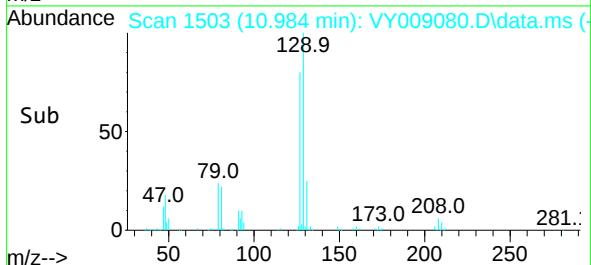
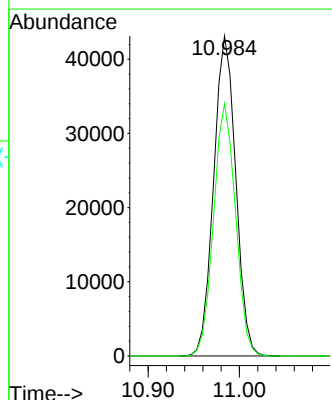
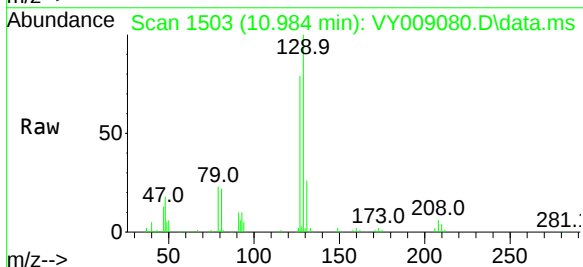
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

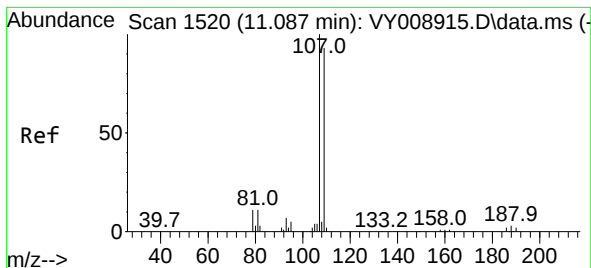
Tgt Ion: 43 Resp: 190824
Ion Ratio Lower Upper
43 100
58 56.2 24.4 73.4



#60
Dibromochloromethane
Concen: 54.217 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 129 Resp: 72484
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1

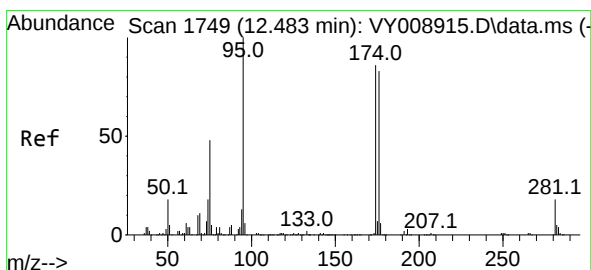
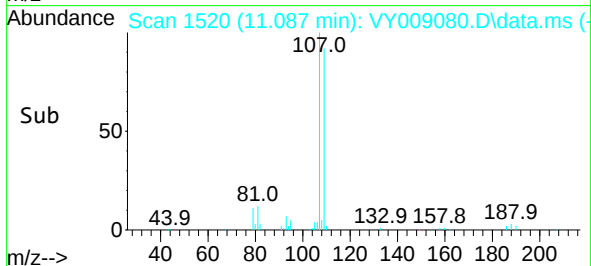
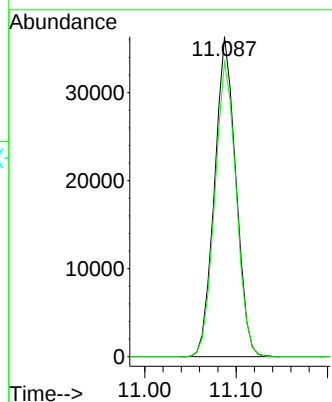
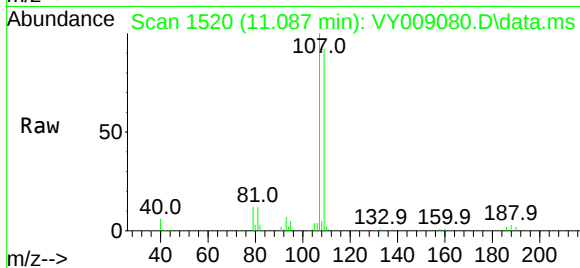




#61
1,2-Dibromoethane
Concen: 53.891 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

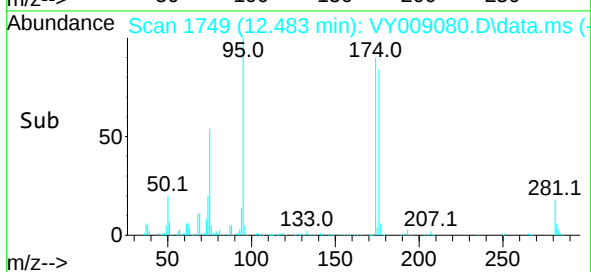
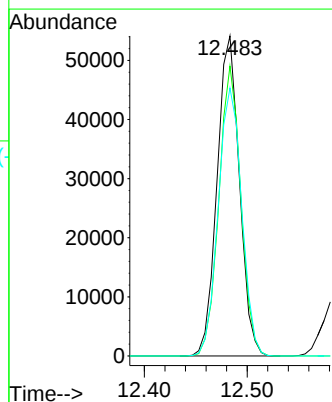
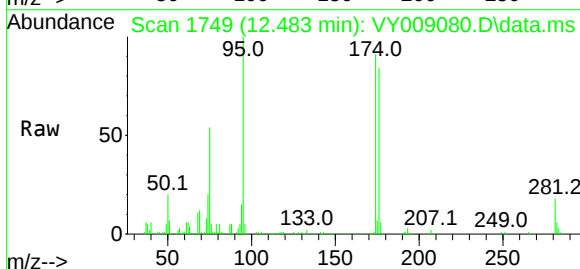
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

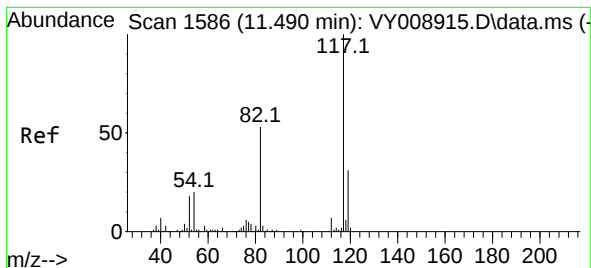
Tgt Ion:107 Resp: 58897
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.064 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 95 Resp: 81519
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 88.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

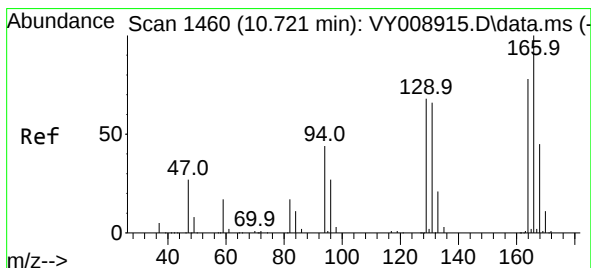
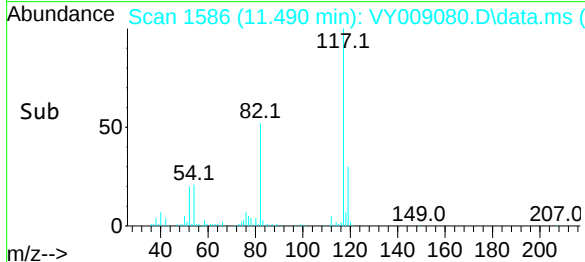
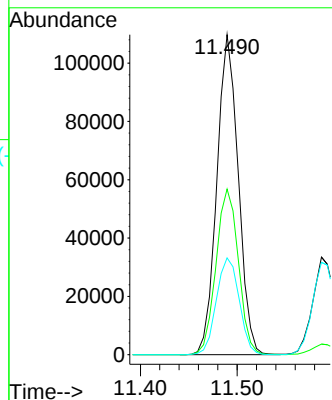
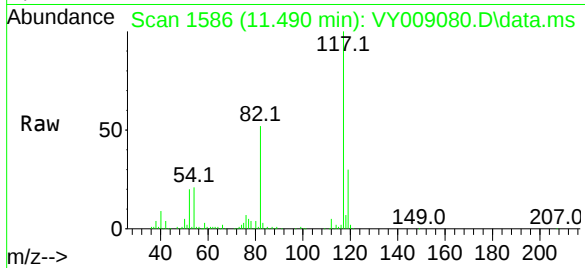
Tgt Ion:117 Resp: 168748

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

119 30.2 25.4 38.0



#64

Tetrachloroethene

Concen: 51.958 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Tgt Ion:164 Resp: 63818

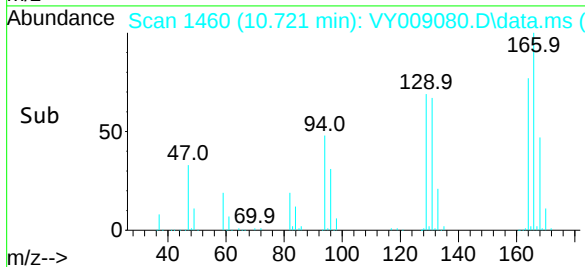
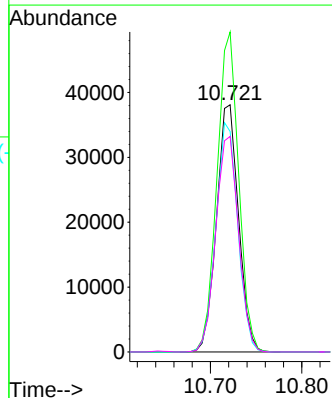
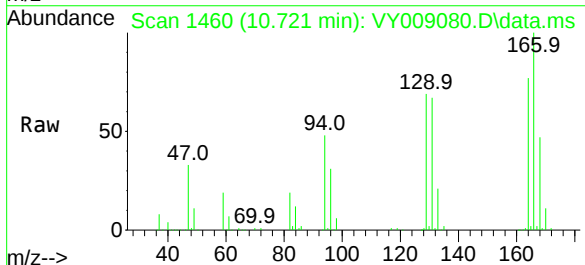
Ion Ratio Lower Upper

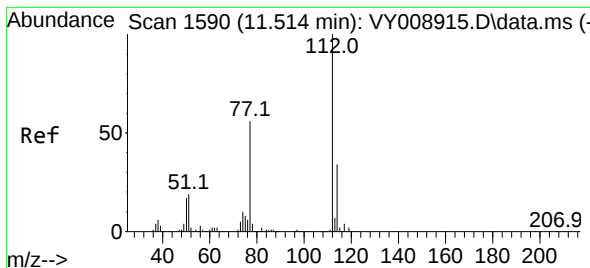
164 100

166 129.4 100.4 150.6

129 89.2 71.4 107.0

131 87.2 70.8 106.2

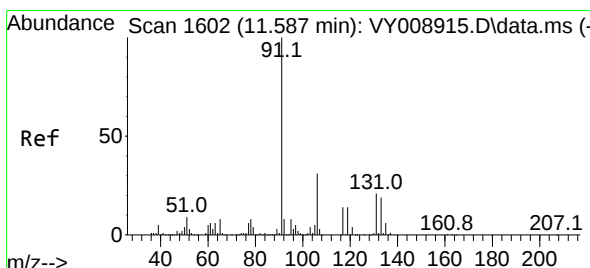
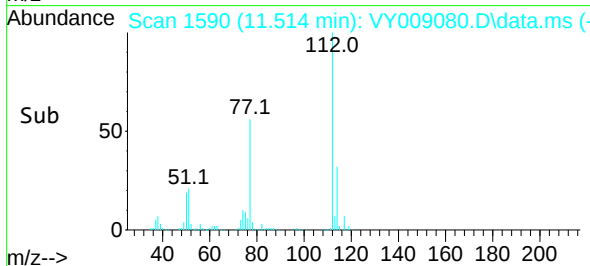
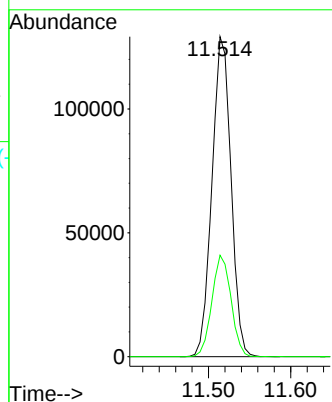
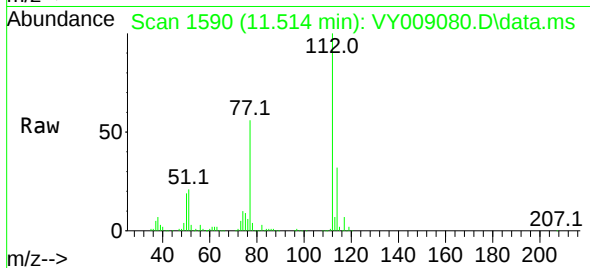




#65
Chlorobenzene
Concen: 53.627 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

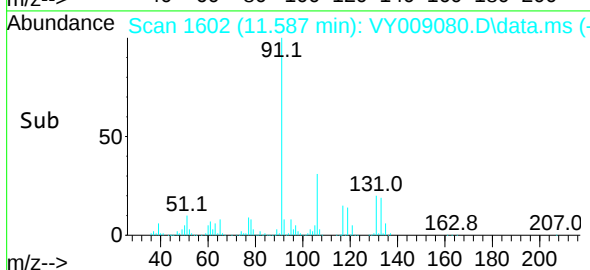
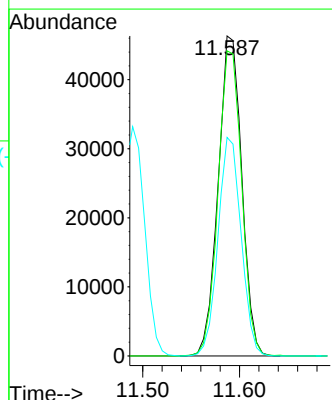
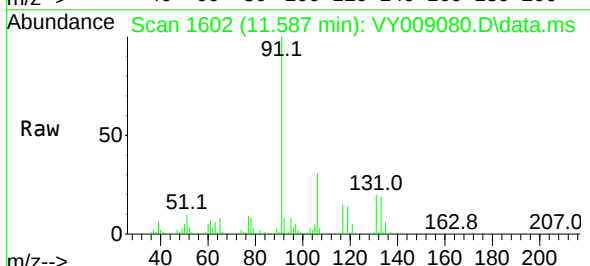
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

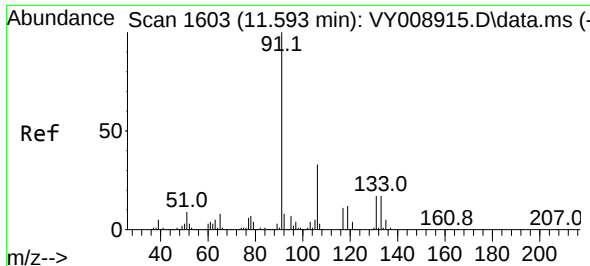
Tgt Ion:112 Resp: 207705
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 55.334 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion:131 Resp: 78475
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 66.8 30.8 92.3





#67

Ethyl Benzene

Concen: 56.332 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

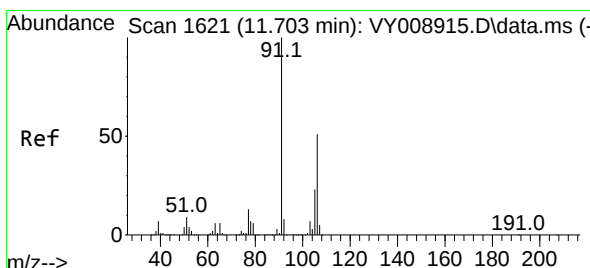
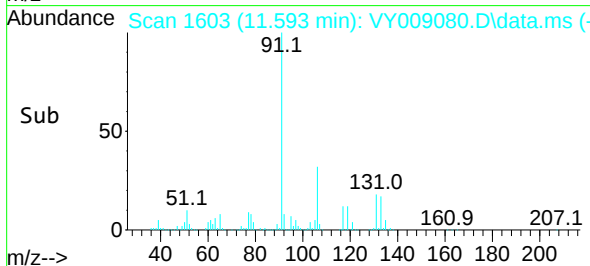
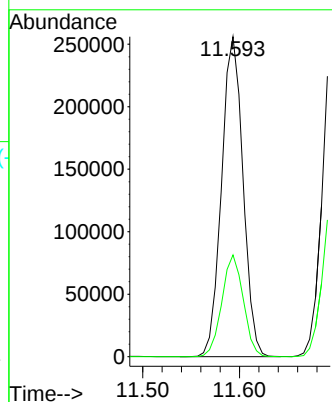
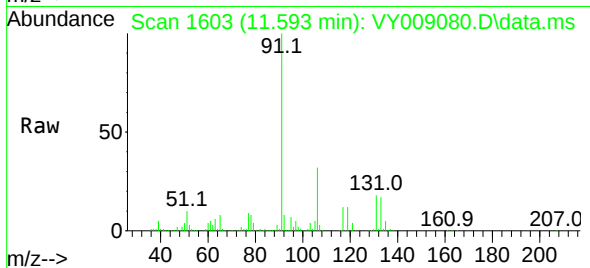
VSTDCCC050

Tgt Ion: 91 Resp: 393196

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 116.870 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY009080.D

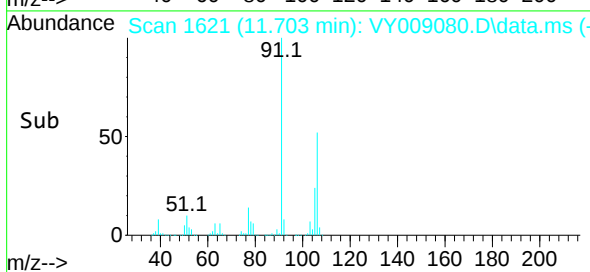
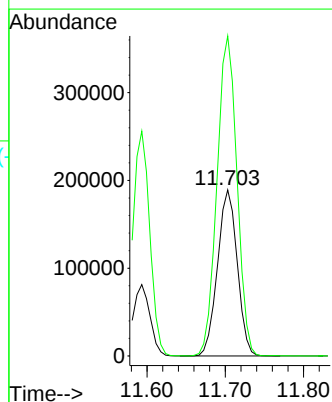
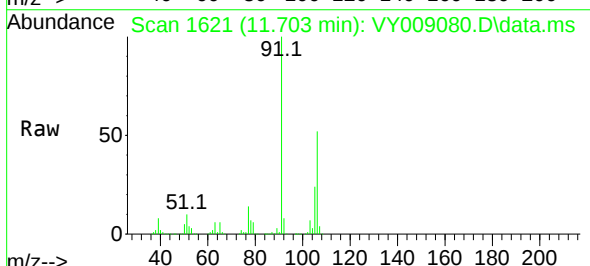
Acq: 25 May 2022 11:01

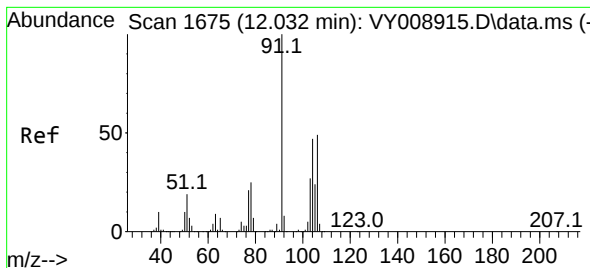
Tgt Ion:106 Resp: 331153

Ion Ratio Lower Upper

106 100

91 195.1 166.6 249.8

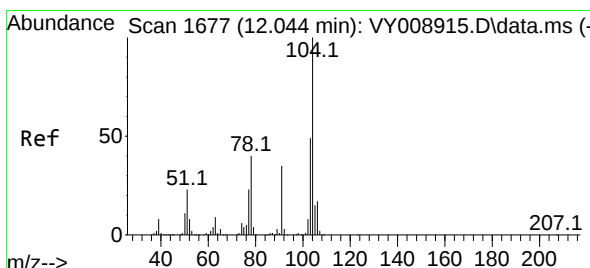
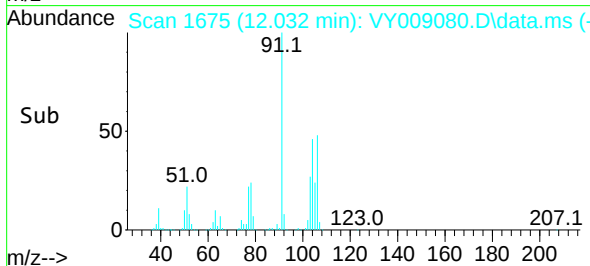
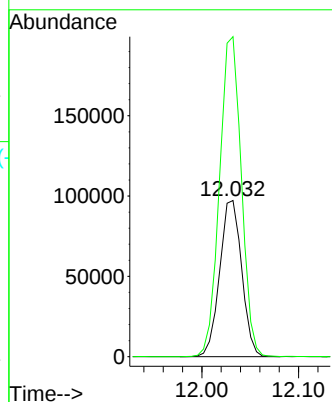
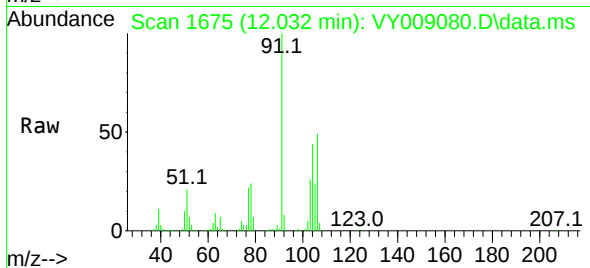




#69
o-Xylene
Concen: 58.268 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

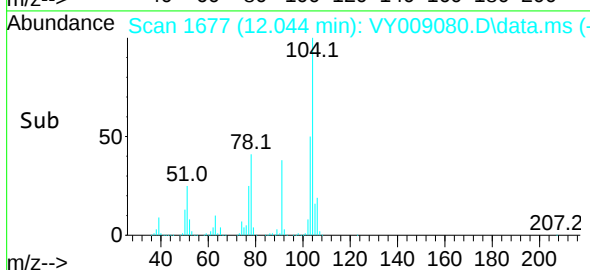
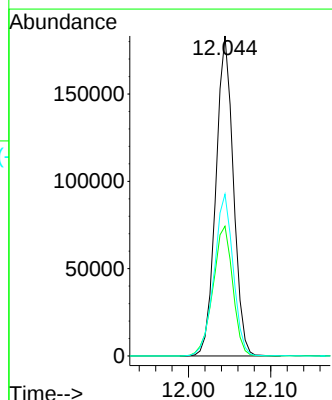
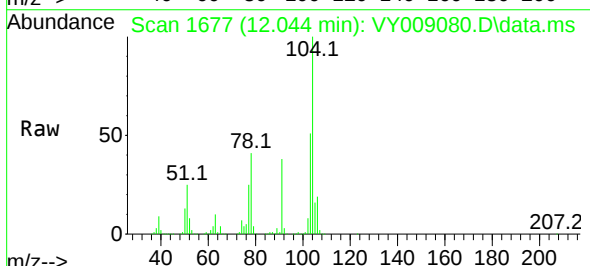
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

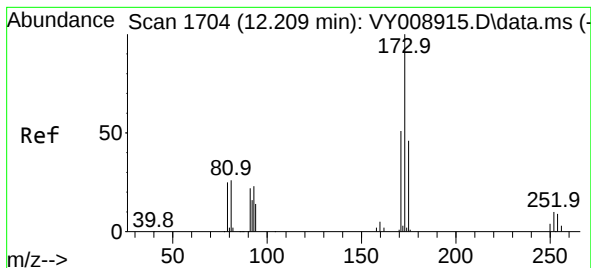
Tgt Ion:106 Resp: 153319
Ion Ratio Lower Upper
106 100
91 203.8 110.3 331.0



#70
Styrene
Concen: 59.906 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion:104 Resp: 271076
Ion Ratio Lower Upper
104 100
78 45.8 42.4 63.6
103 54.8 44.4 66.6





#71

Bromoform

Concen: 55.611 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

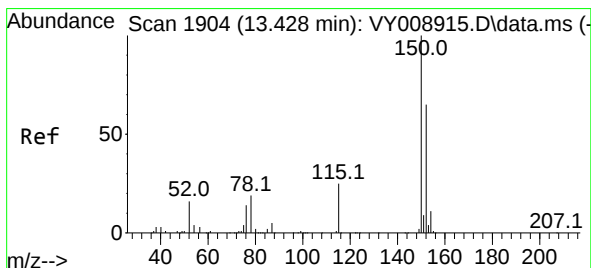
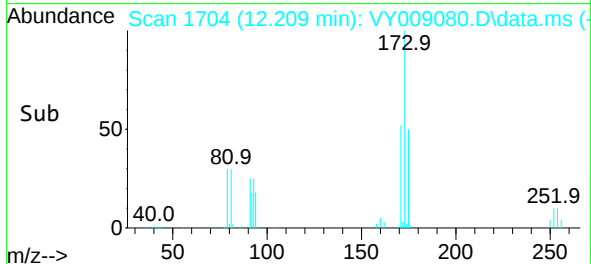
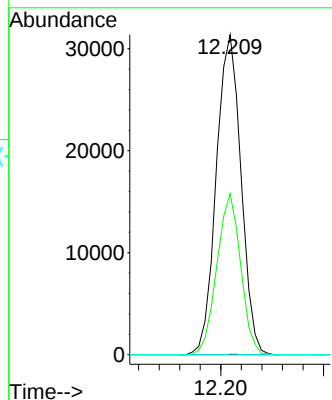
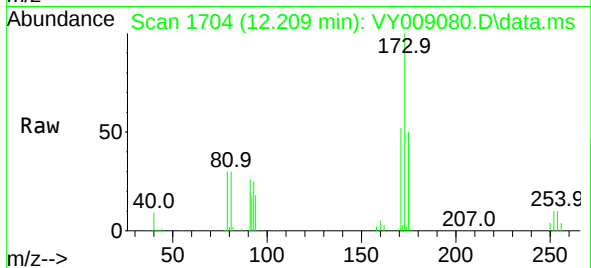
Tgt Ion:173 Resp: 52282

Ion Ratio Lower Upper

173 100

175 48.3 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

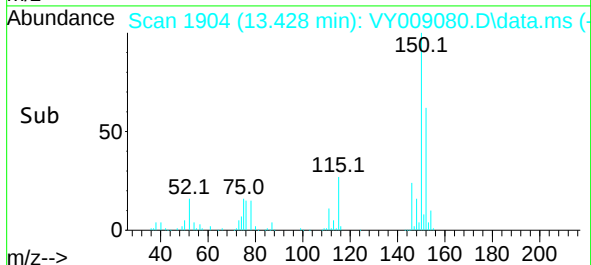
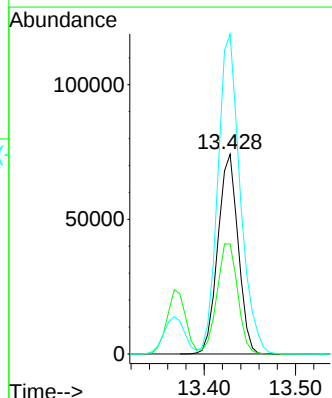
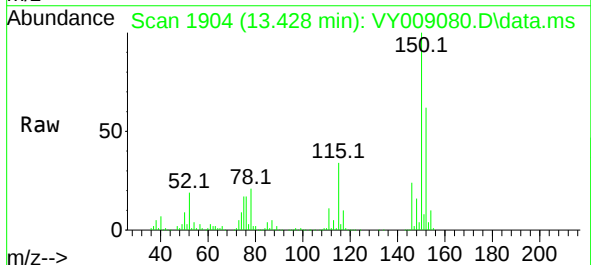
Tgt Ion:152 Resp: 114285

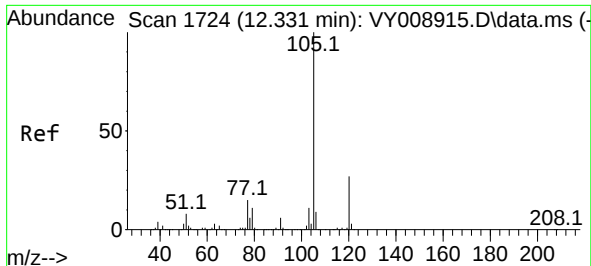
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 176.5 0.0 347.6

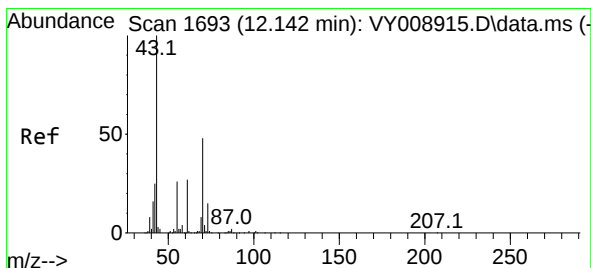
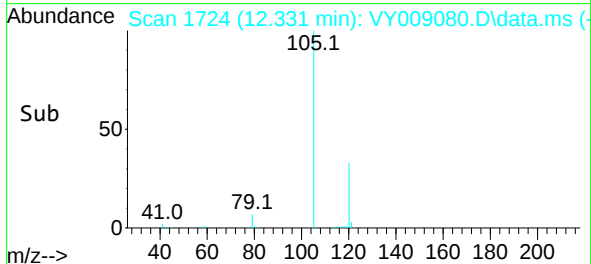
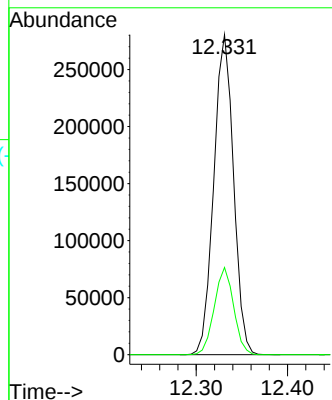
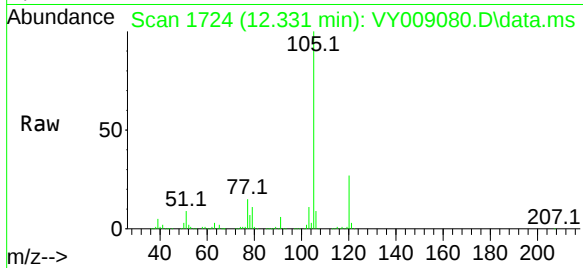




#73
Isopropylbenzene
Concen: 49.203 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

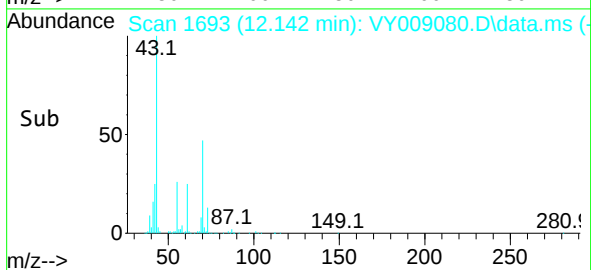
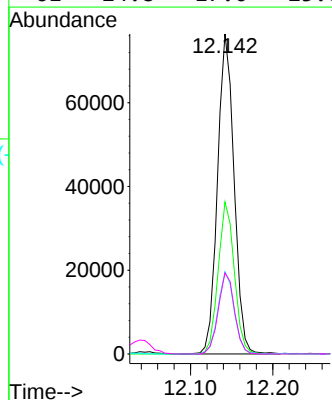
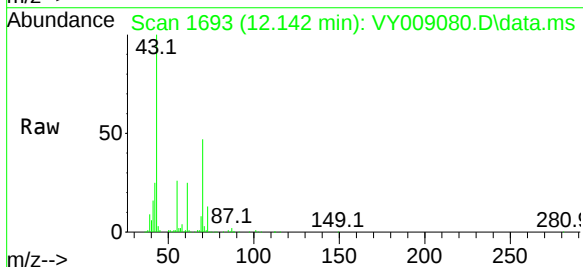
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

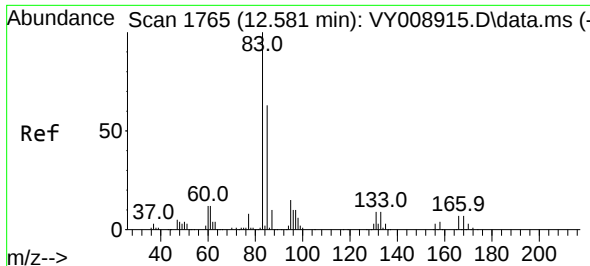
Tgt Ion:105 Resp: 420469
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 54.188 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 43 Resp: 106841
Ion Ratio Lower Upper
43 100
70 46.5 28.7 43.1#
55 25.2 17.3 25.9
61 24.8 17.0 25.6

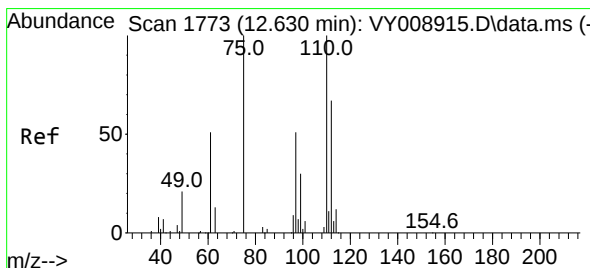
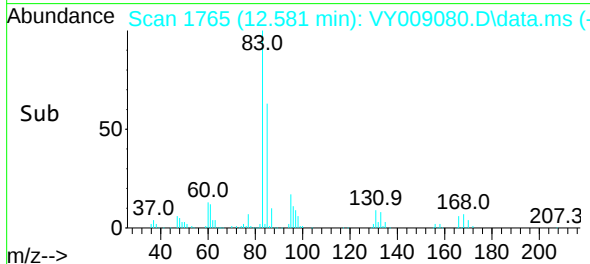
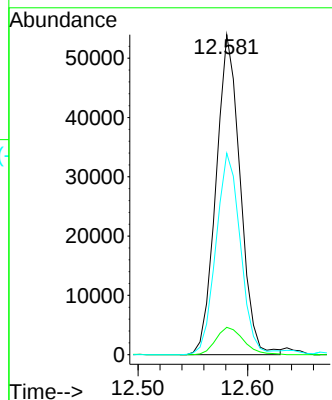
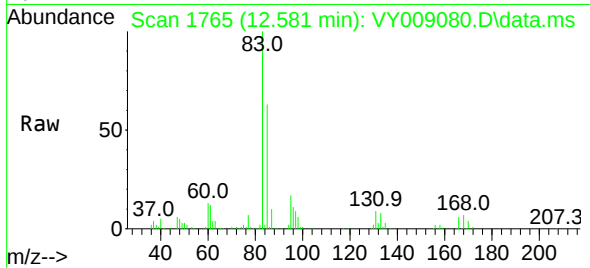




#75
1,1,2,2-Tetrachloroethane
Concen: 46.943 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

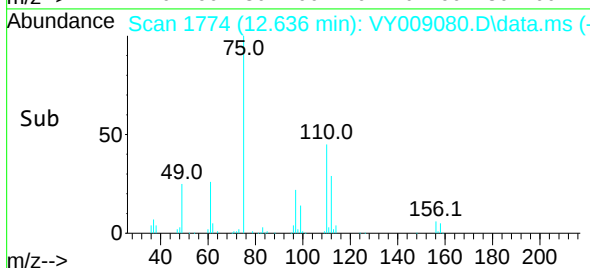
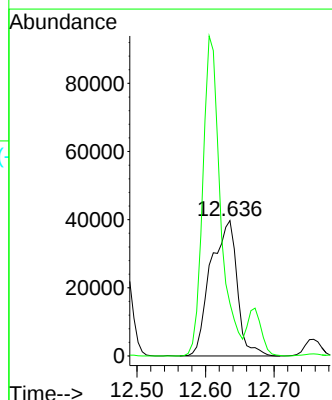
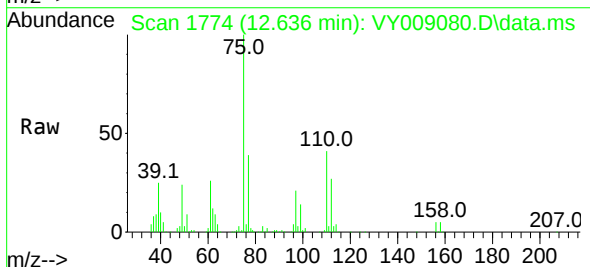
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

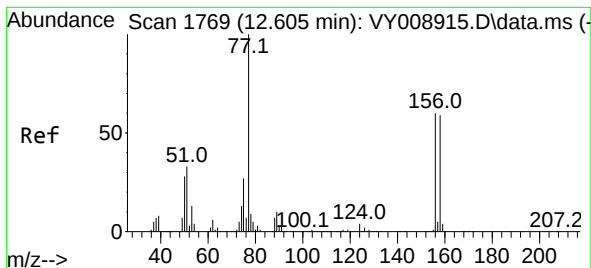
Tgt Ion: 83 Resp: 82637
Ion Ratio Lower Upper
83 100
131 9.7 5.6 16.8
85 64.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 87.079 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 75 Resp: 106871
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.585 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

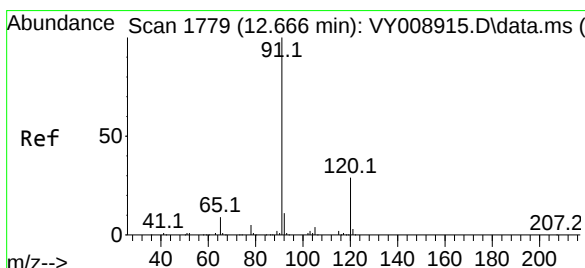
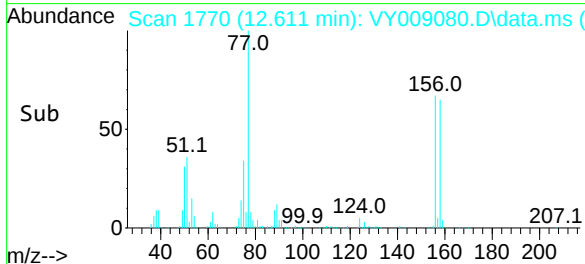
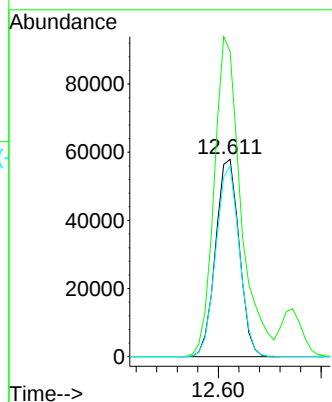
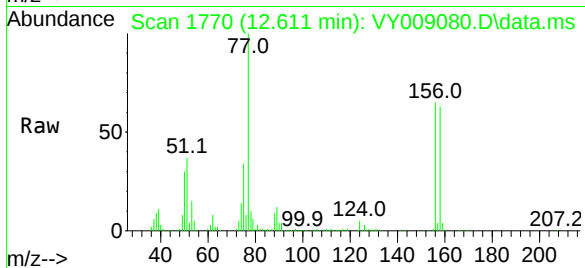
Tgt Ion:156 Resp: 92283

Ion Ratio Lower Upper

156 100

77 183.6 95.5 286.4

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 53.729 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009080.D

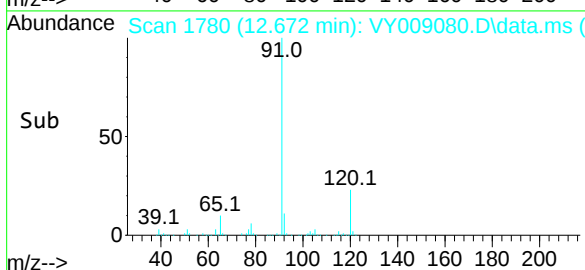
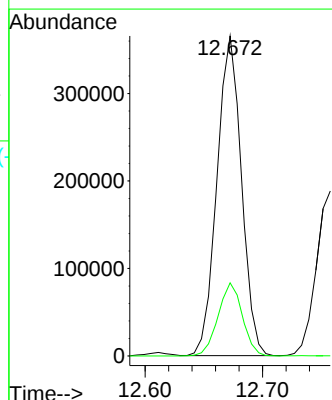
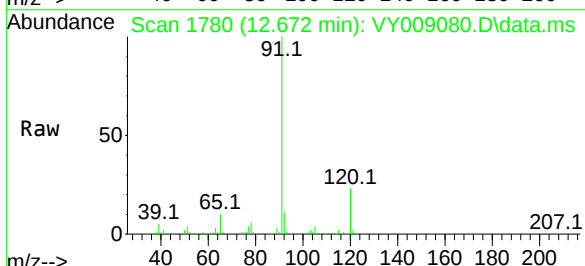
Acq: 25 May 2022 11:01

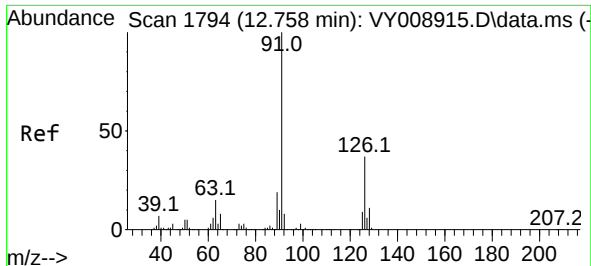
Tgt Ion: 91 Resp: 530473

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

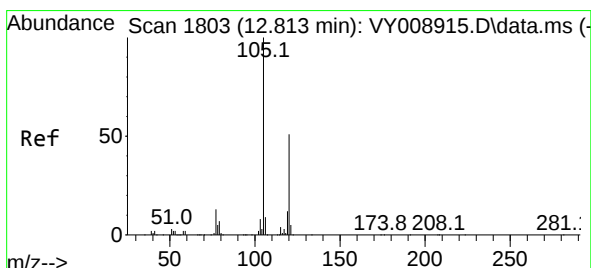
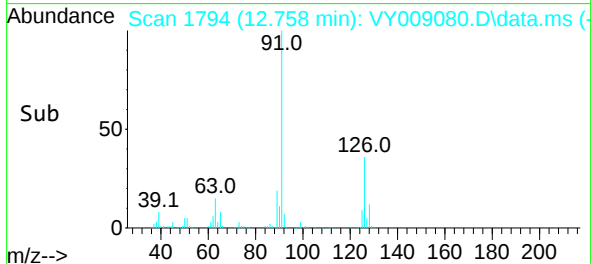
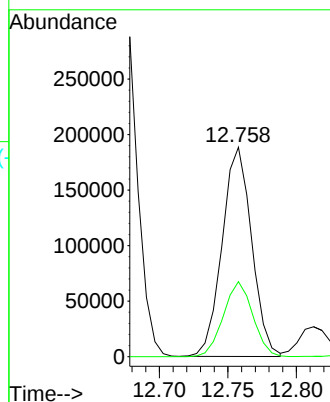
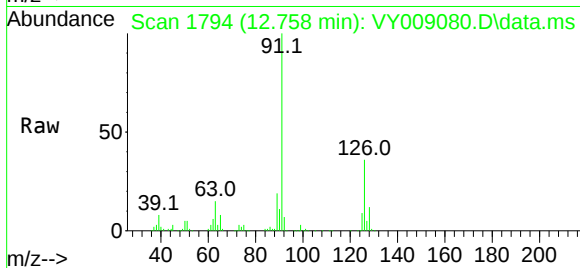




#79
2-Chlorotoluene
Concen: 49.694 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

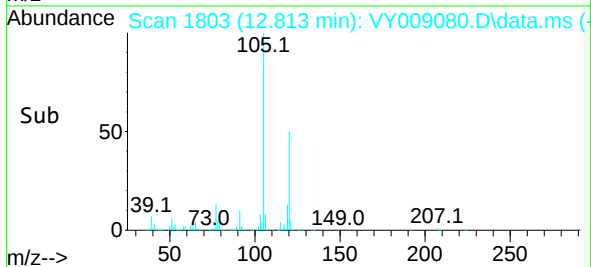
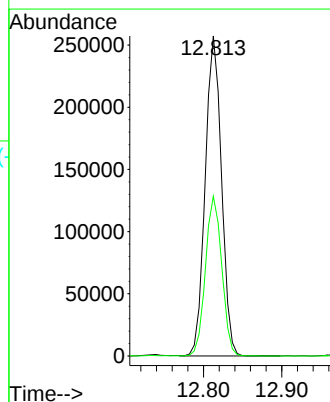
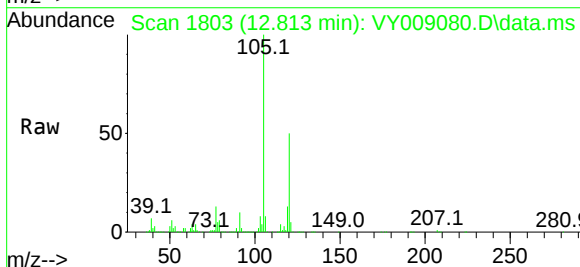
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

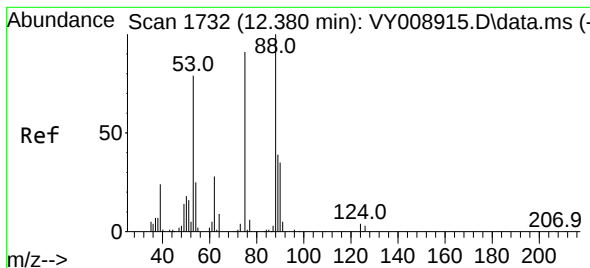
Tgt Ion: 91 Resp: 283012
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 51.735 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 105 Resp: 370565
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4

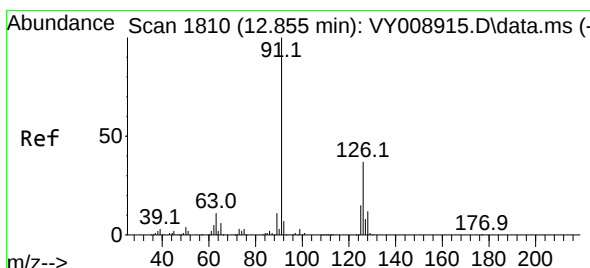
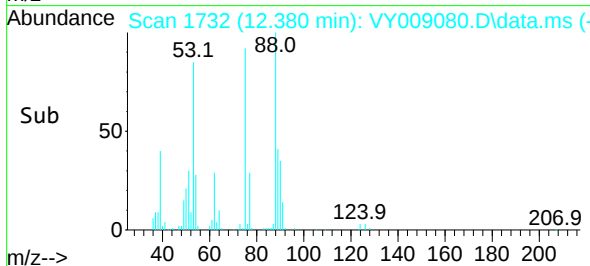
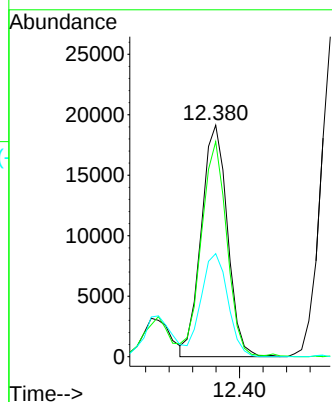
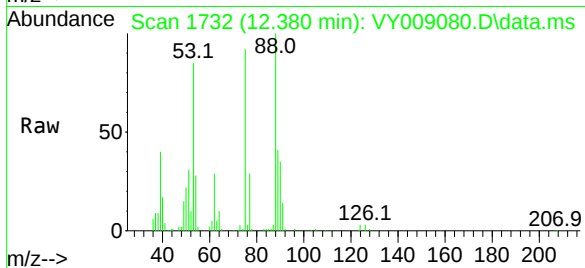




#81
trans-1,4-Dichloro-2-butene
Concen: 49.456 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

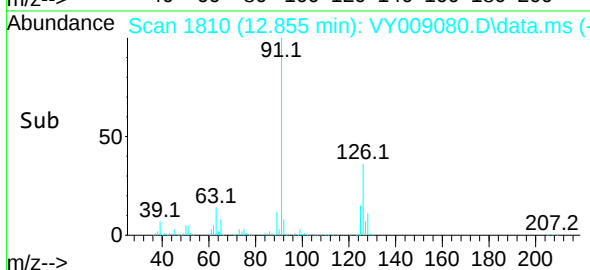
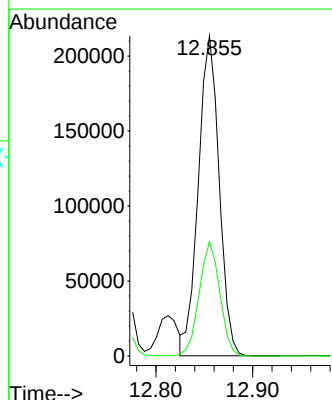
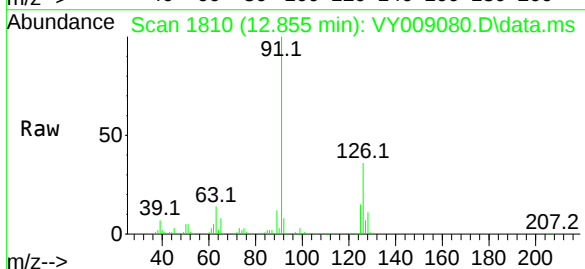
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

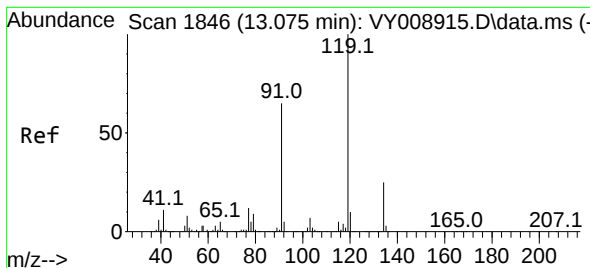
Tgt Ion: 75 Resp: 29572
Ion Ratio Lower Upper
75 100
53 89.3 85.3 127.9
89 45.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 52.365 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 91 Resp: 318971
Ion Ratio Lower Upper
91 100
126 35.5 17.0 51.0

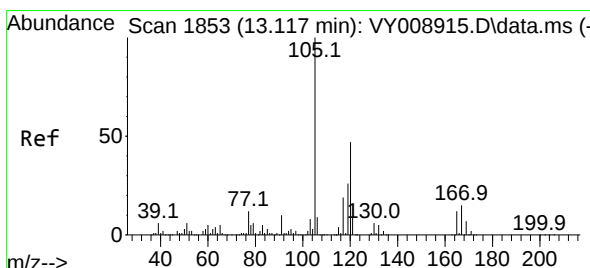
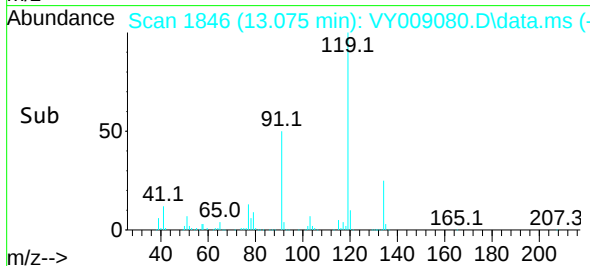
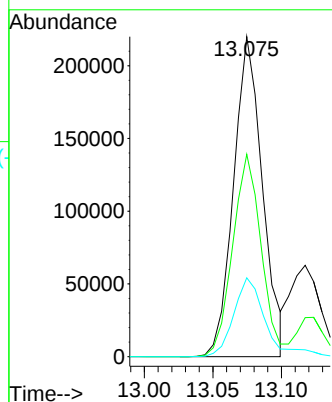
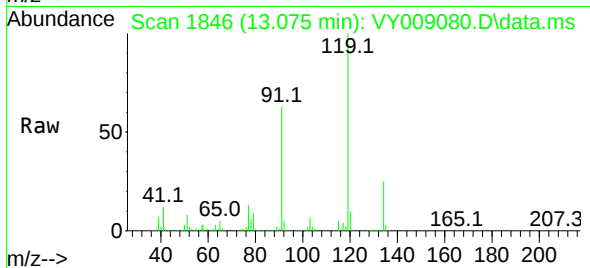




#83
tert-Butylbenzene
Concen: 50.722 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

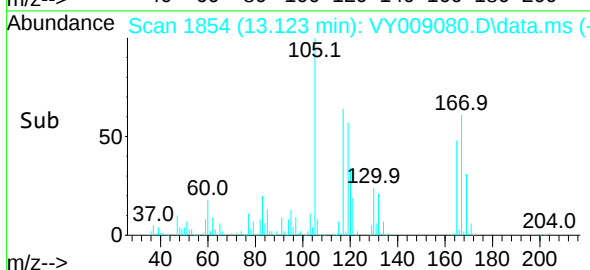
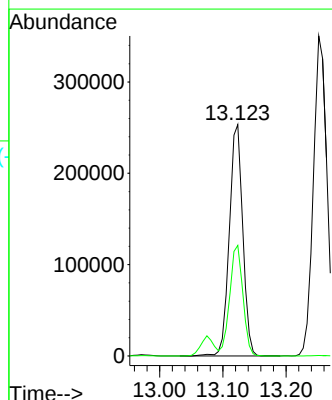
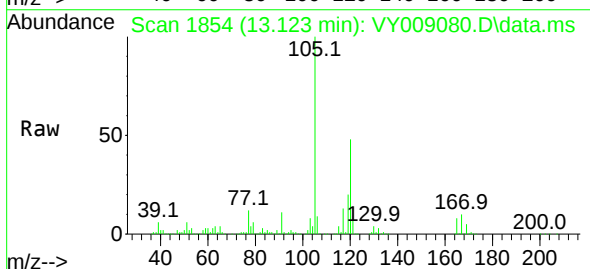
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

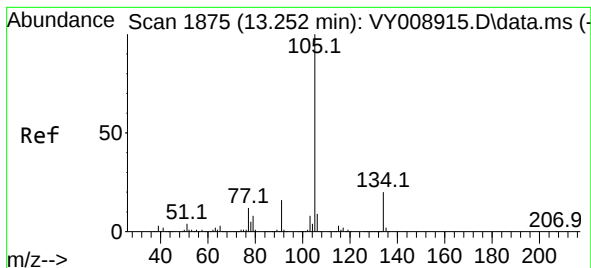
Tgt Ion:119 Resp: 322318
Ion Ratio Lower Upper
119 100
91 62.0 34.8 104.4
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.490 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion:105 Resp: 373228
Ion Ratio Lower Upper
105 100
120 47.1 22.3 66.9

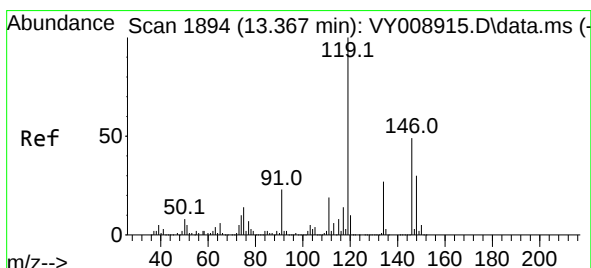
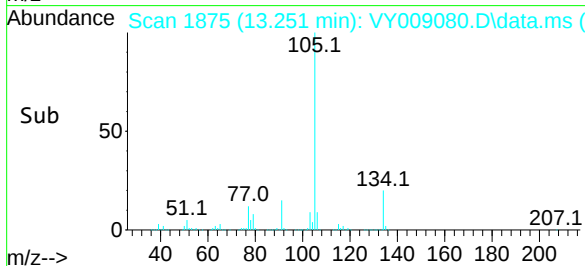
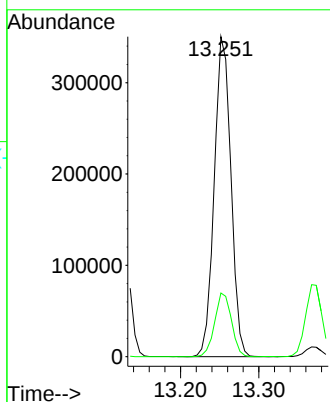
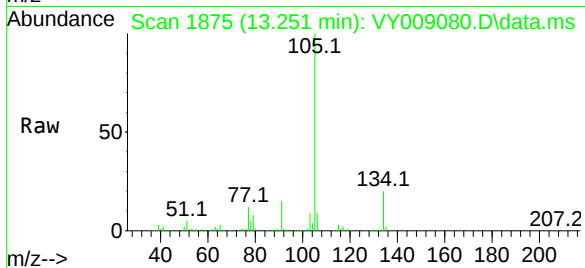




#85
 sec-Butylbenzene
 Concen: 53.349 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

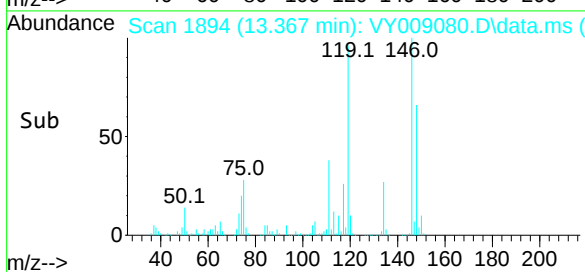
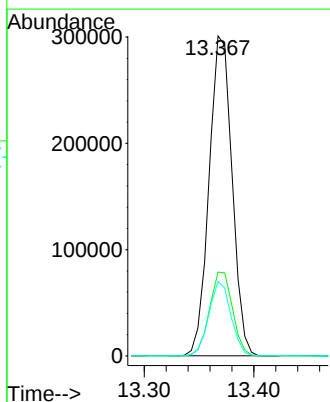
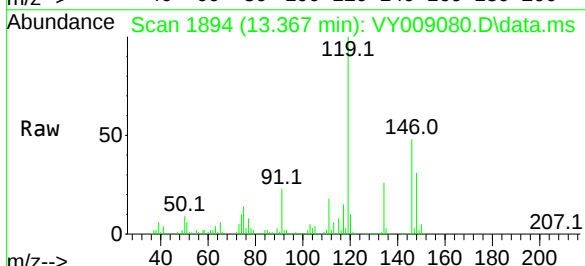
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

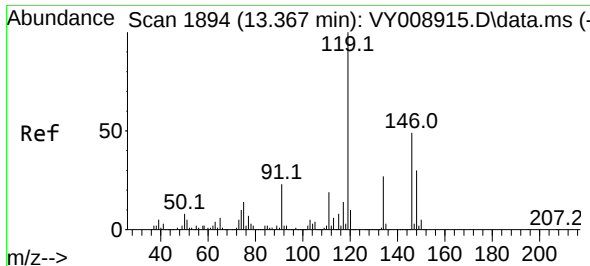
Tgt Ion:105 Resp: 518693
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 54.111 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009080.D
 Acq: 25 May 2022 11:01

Tgt Ion:119 Resp: 438723
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 22.3 12.4 37.2

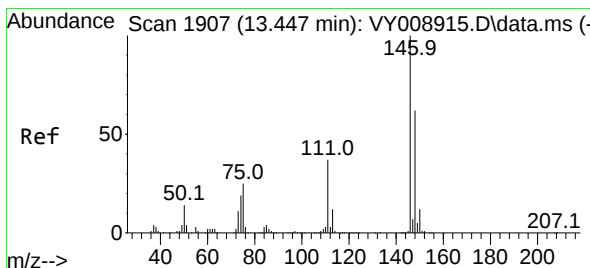
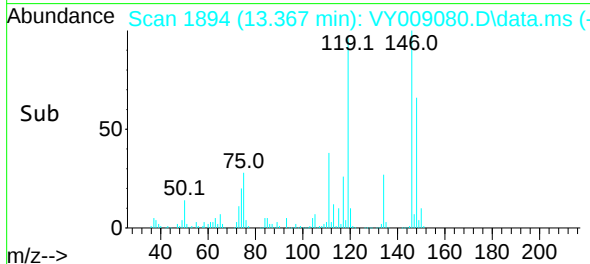
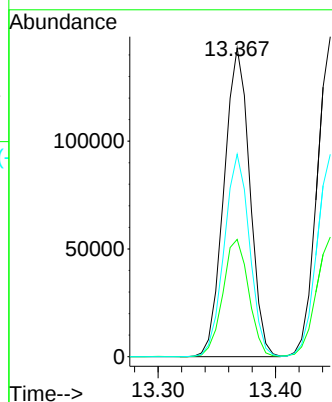
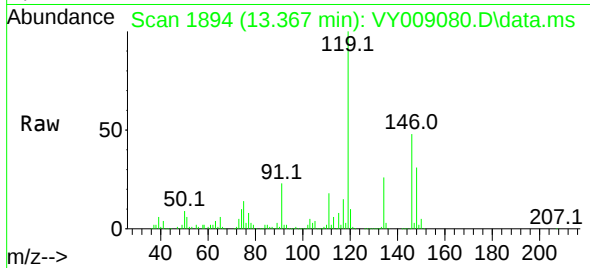




#87
1,3-Dichlorobenzene
Concen: 51.666 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

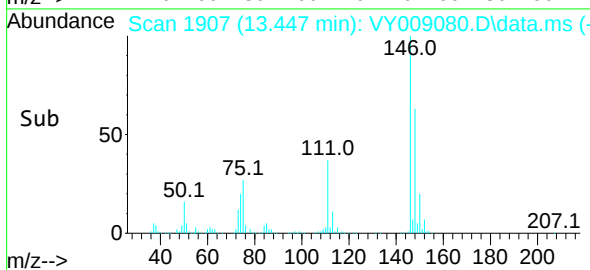
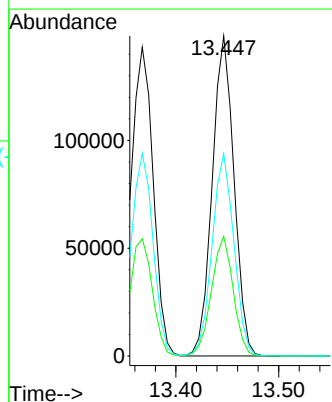
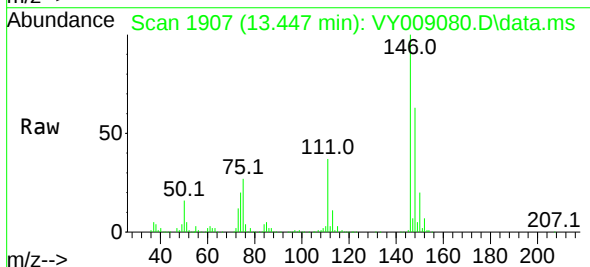
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

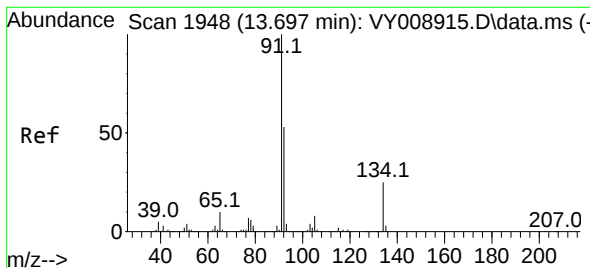
Tgt Ion:146 Resp: 218325
Ion Ratio Lower Upper
146 100
111 38.3 19.5 58.5
148 64.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 51.443 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion:146 Resp: 218395
Ion Ratio Lower Upper
146 100
111 37.4 19.3 57.8
148 63.6 32.6 97.8





#89

n-Butylbenzene

Concen: 54.405 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

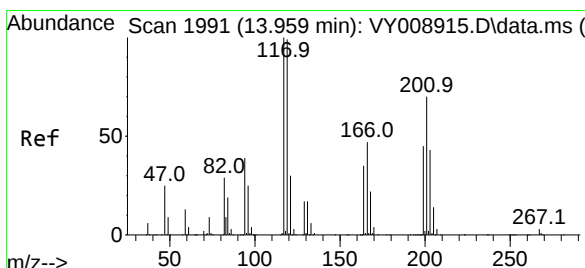
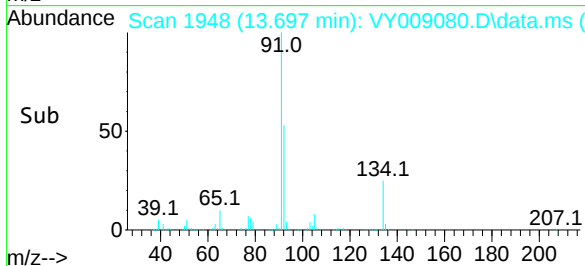
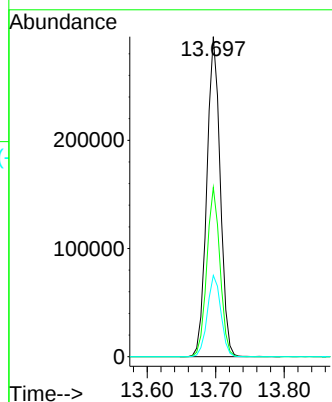
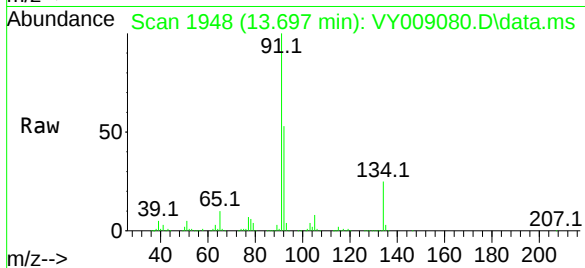
Tgt Ion: 91 Resp: 403545

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.9

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 49.914 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009080.D

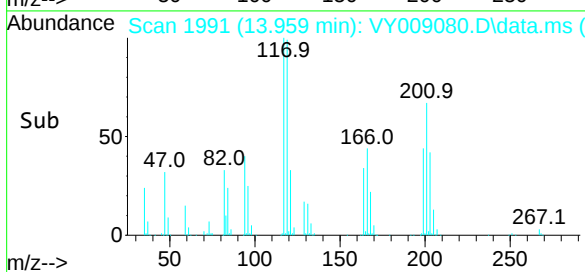
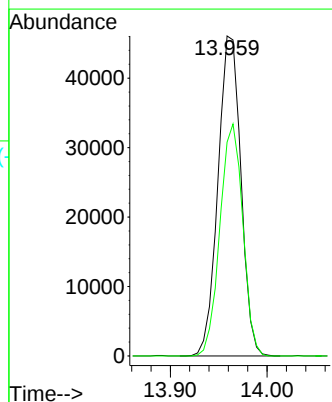
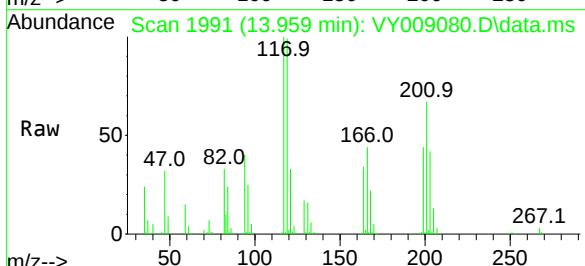
Acq: 25 May 2022 11:01

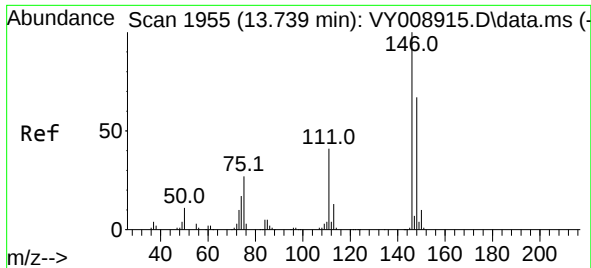
Tgt Ion: 117 Resp: 75839

Ion Ratio Lower Upper

117 100

201 72.2 43.0 128.8

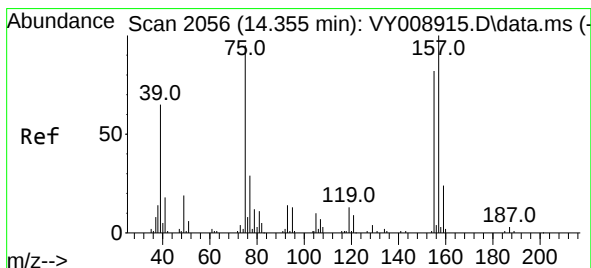
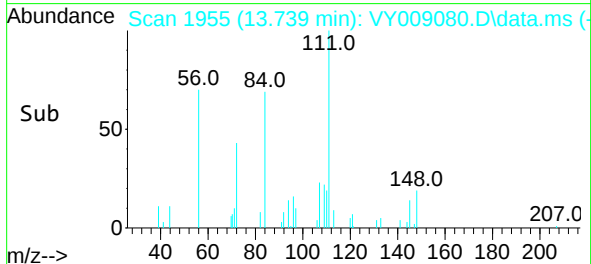
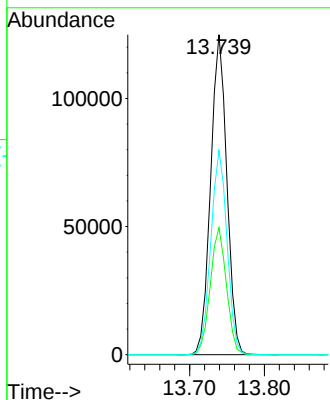
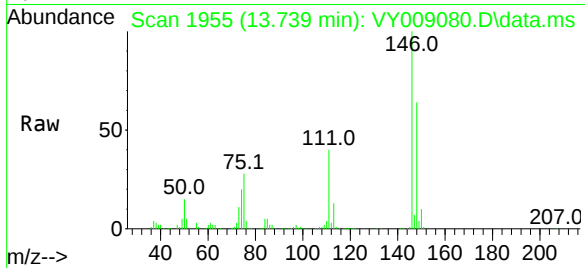




#91
1,2-Dichlorobenzene
Concen: 50.473 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

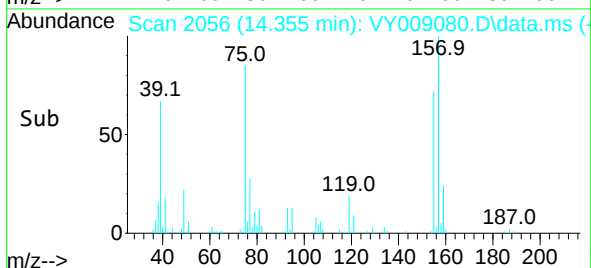
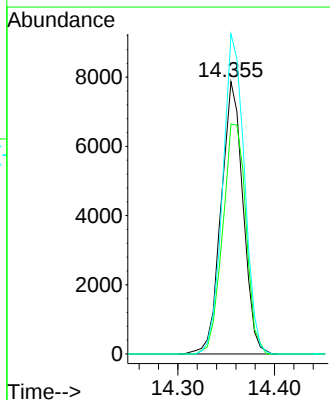
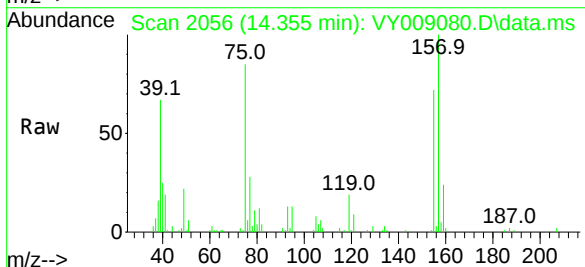
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

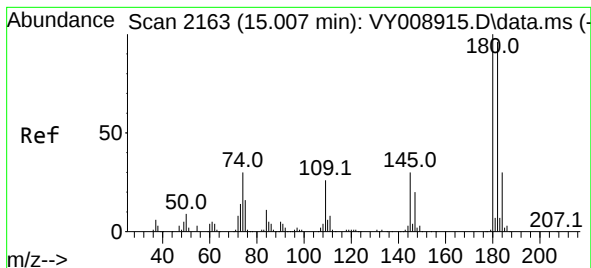
Tgt Ion:146 Resp: 188271
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 64.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.181 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009080.D
Acq: 25 May 2022 11:01

Tgt Ion: 75 Resp: 12348
Ion Ratio Lower Upper
75 100
155 89.8 38.0 113.9
157 116.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 47.155 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

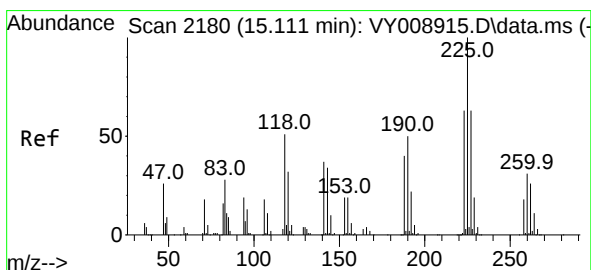
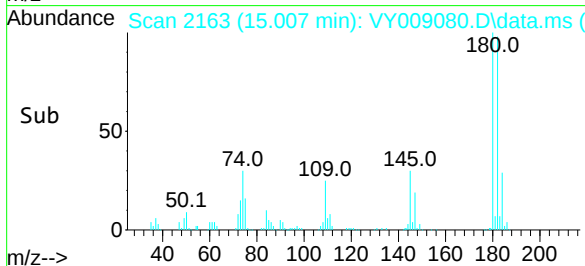
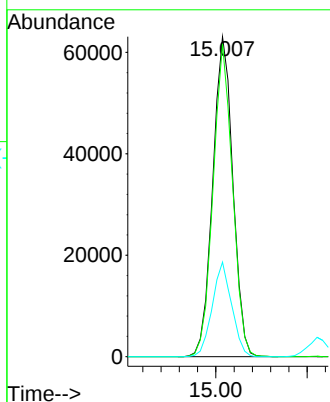
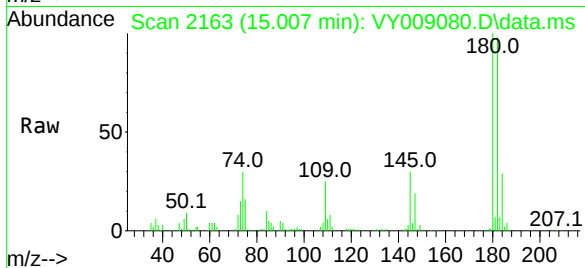
Tgt Ion:180 Resp: 96534

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 28.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 46.657 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

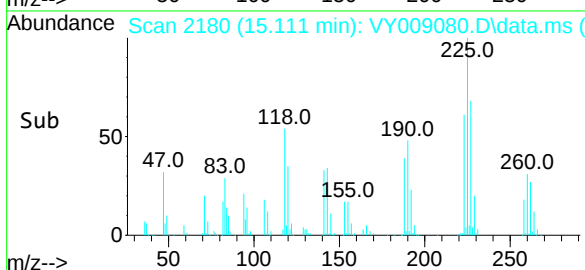
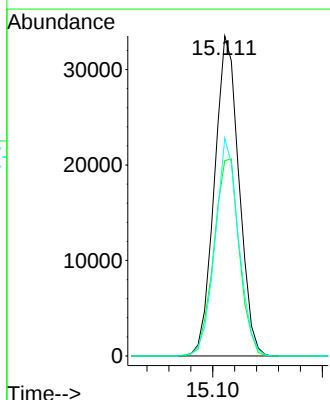
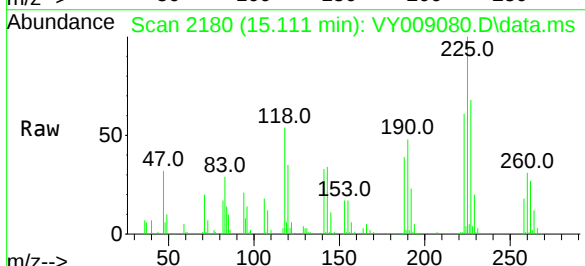
Tgt Ion:225 Resp: 52058

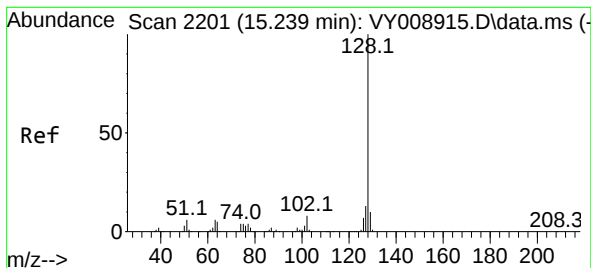
Ion Ratio Lower Upper

225 100

223 63.9 30.8 92.3

227 65.1 31.6 94.7





#95

Naphthalene

Concen: 47.062 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

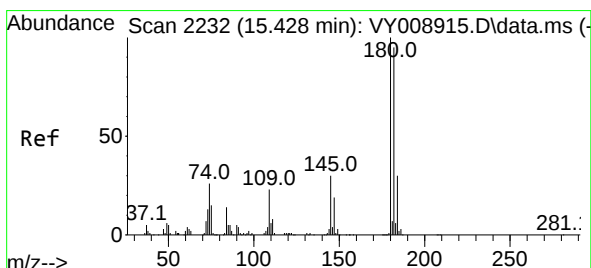
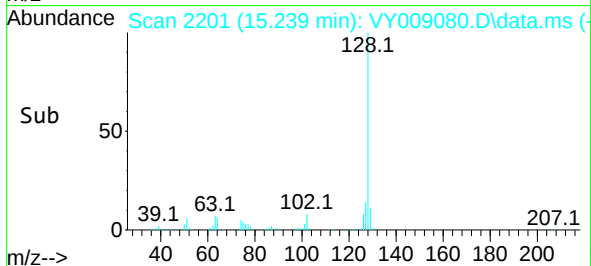
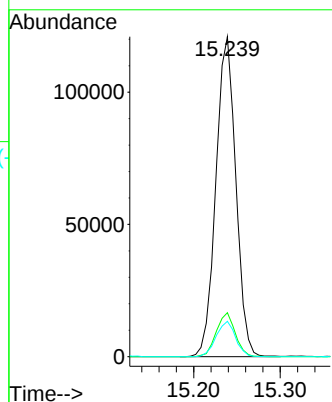
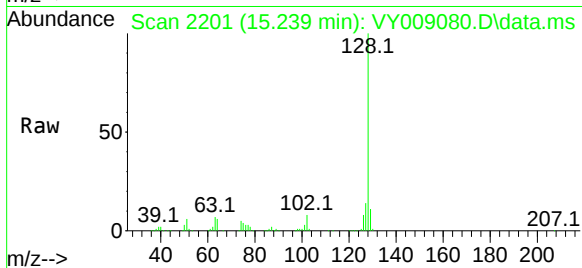
Tgt Ion:128 Resp: 193543

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.844 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY009080.D

Acq: 25 May 2022 11:01

Tgt Ion:180 Resp: 83333

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 30.6 15.3 45.9

