

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008599.D
 Acq On : 03 May 2022 18:02
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 04 02:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	154957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	73503	48.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.600%
35) Dibromofluoromethane	7.716	113	77926	49.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.179	98	289818	52.447	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.900%
62) 4-Bromofluorobenzene	12.483	95	101755	50.240	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	76652	49.356	ug/l	99
3) Chloromethane	2.113	50	88938	49.268	ug/l	96
4) Vinyl Chloride	2.247	62	109111	50.273	ug/l	97
5) Bromomethane	2.650	94	86135	54.093	ug/l	96
6) Chloroethane	2.790	64	69199	49.751	ug/l	99
7) Trichlorofluoromethane	3.125	101	153858	52.413	ug/l	94
8) Diethyl Ether	3.528	74	47835	50.882	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.893	101	94142	54.554	ug/l	93
10) Methyl Iodide	4.088	142	100588	47.019	ug/l #	88
11) Tert butyl alcohol	4.942	59	38910	251.758	ug/l	98
12) 1,1-Dichloroethene	3.869	96	87967	54.097	ug/l #	77
13) Acrolein	3.729	56	41962	206.202	ug/l	98
14) Allyl chloride	4.479	41	107247	55.090	ug/l #	87
15) Acrylonitrile	5.155	53	105557	246.269	ug/l	98
16) Acetone	3.942	43	74542	229.712	ug/l #	83
17) Carbon Disulfide	4.192	76	257128	55.613	ug/l	99
18) Methyl Acetate	4.479	43	44989	48.592	ug/l #	78
19) Methyl tert-butyl Ether	5.216	73	224170	49.994	ug/l	94
20) Methylene Chloride	4.710	84	98648	51.302	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	101145	54.755	ug/l #	80
22) Diisopropyl ether	6.112	45	243347	54.147	ug/l #	93
23) Vinyl Acetate	6.058	43	777287	264.843	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	153754	54.274	ug/l	96
25) 2-Butanone	6.978	43	127249	244.297	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	144504	53.257	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	113253	53.571	ug/l	80
28) Bromochloromethane	7.332	49	50037	46.193	ug/l #	59
29) Tetrahydrofuran	7.344	42	85244	246.747	ug/l #	76
30) Chloroform	7.503	83	168785	53.174	ug/l	100
31) Cyclohexane	7.783	56	144430	55.560	ug/l #	83
32) 1,1,1-Trichloroethane	7.698	97	158107	54.302	ug/l #	94
36) 1,1-Dichloropropene	7.917	75	134933	55.633	ug/l	94
37) Ethyl Acetate	7.070	43	59191	47.588	ug/l #	91
38) Carbon Tetrachloride	7.899	117	147454	53.289	ug/l	98
39) Methylcyclohexane	9.179	83	181494	56.726	ug/l #	85
40) Benzene	8.161	78	384675	54.908	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	78128	143.173	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	100302	49.465	ug/l	88
43) Isopropyl Acetate	8.271	43	111303	49.181	ug/l #	84
44) Trichloroethene	8.935	130	117038	53.258	ug/l	96
45) 1,2-Dichloropropane	9.216	63	90669	55.476	ug/l	94
46) Dibromomethane	9.307	93	57287	50.211	ug/l	94
47) Bromodichloromethane	9.496	83	130980	52.687	ug/l	99
48) Methyl methacrylate	9.289	41	51008	51.276	ug/l #	75
49) 1,4-Dioxane	9.295	88	14429	997.420	ug/l #	74
51) 4-Methyl-2-Pentanone	10.069	43	293473	247.059	ug/l #	83
52) Toluene	10.240	92	257319	54.952	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	135443	51.537	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	156269	53.521	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	81579	51.312	ug/l	98
56) Ethyl methacrylate	10.508	69	103876	51.721	ug/l #	70
57) 1,3-Dichloropropane	10.789	76	130986	51.610	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	249986	245.238	ug/l #	88
59) 2-Hexanone	10.831	43	201449	249.026	ug/l	79
60) Dibromochloromethane	10.984	129	102729	51.656	ug/l	100
61) 1,2-Dibromoethane	11.087	107	80088	49.773	ug/l	100
64) Tetrachloroethene	10.715	164	107242	53.285	ug/l	98
65) Chlorobenzene	11.514	112	283278	53.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	105077	52.373	ug/l	98
67) Ethyl Benzene	11.593	91	493878	55.241	ug/l	96
68) m/p-Xylenes	11.703	106	400137	109.559	ug/l	88
69) o-Xylene	12.026	106	189749	54.210	ug/l	88
70) Styrene	12.044	104	318449	54.729	ug/l	92
71) Bromoform	12.209	173	66179	49.619	ug/l #	98
73) Isopropylbenzene	12.331	105	499011	56.260	ug/l	98
74) N-amyl acetate	12.142	43	102418	51.669	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	92541	51.558	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	113822	93.782	ug/l #	100
77) Bromobenzene	12.611	156	121119	51.754	ug/l	85
78) n-propylbenzene	12.672	91	587975	56.965	ug/l	96
79) 2-Chlorotoluene	12.758	91	320029	55.070	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	409722	55.910	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	31098	51.948	ug/l #	80
82) 4-Chlorotoluene	12.855	91	333955	55.786	ug/l	94
83) tert-Butylbenzene	13.075	119	368915	56.205	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	401272	55.091	ug/l	96
85) sec-Butylbenzene	13.251	105	546721	56.519	ug/l	98
86) p-Isopropyltoluene	13.367	119	456306	55.562	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	235174	51.960	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	233775	52.364	ug/l	97
89) n-Butylbenzene	13.697	91	404935	55.977	ug/l	97
90) Hexachloroethane	13.959	117	84789	55.745	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	206288	51.073	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12645	46.291	ug/l	57
93) 1,2,4-Trichlorobenzene	15.007	180	127603	49.511	ug/l	100
94) Hexachlorobutadiene	15.111	225	71746	49.293	ug/l	99
95) Naphthalene	15.239	128	243469	47.108	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	108010	47.217	ug/l	99

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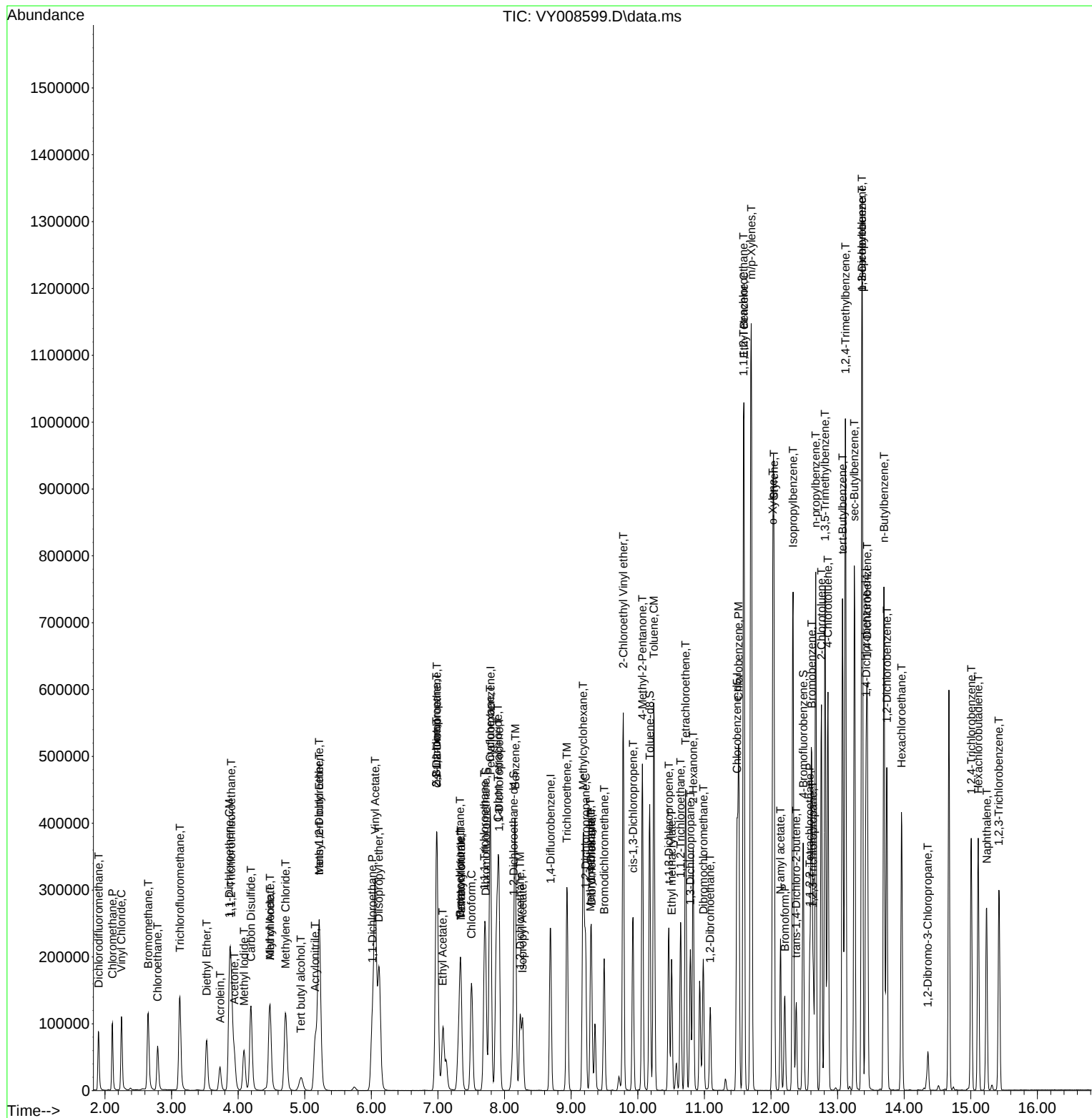
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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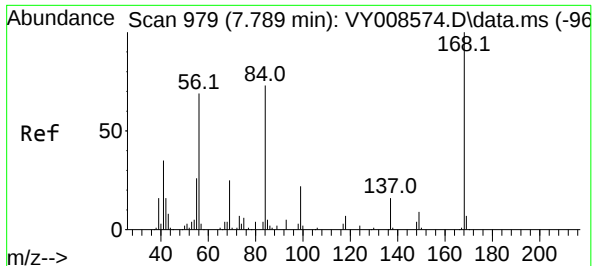
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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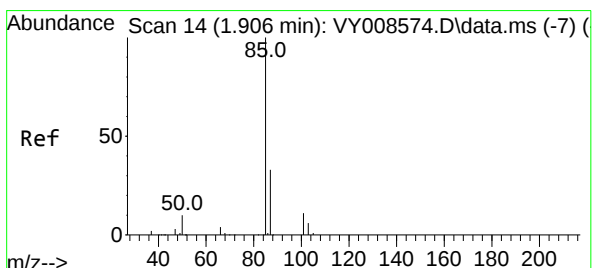
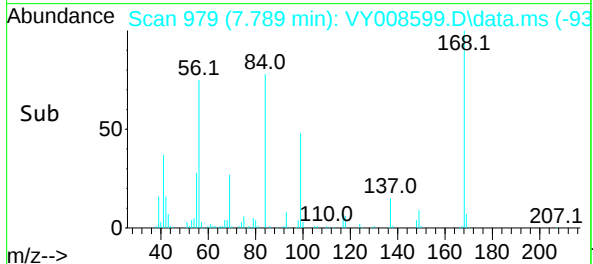
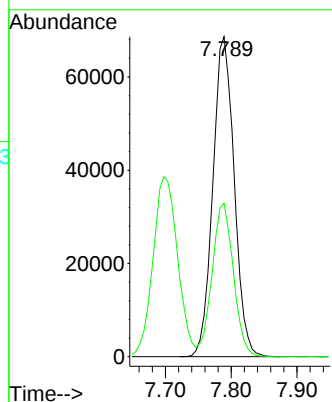
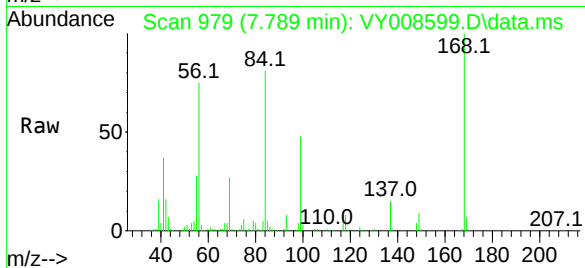




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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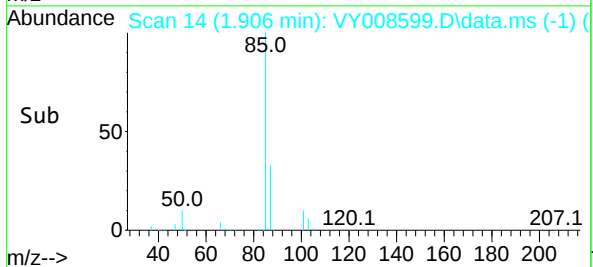
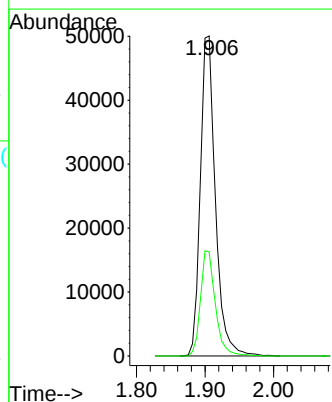
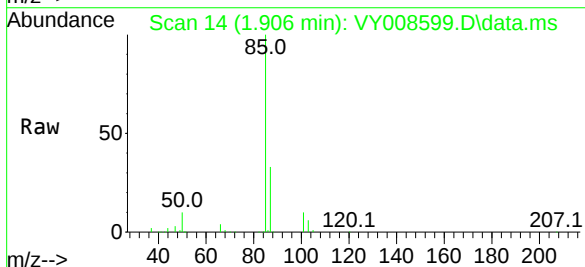
Instrument :
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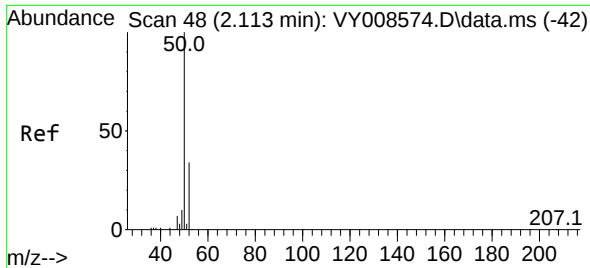
Tgt Ion:168 Resp: 154957
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 49.356 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 85 Resp: 76652
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

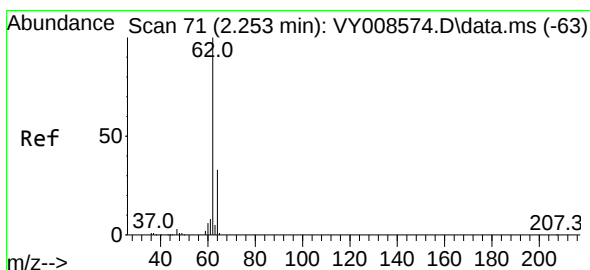
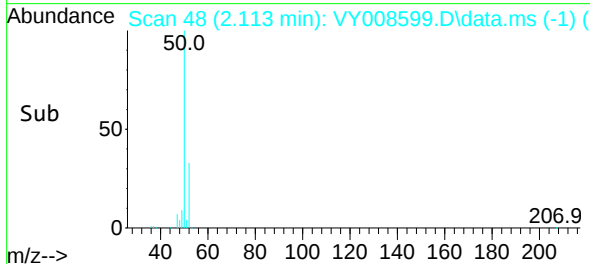
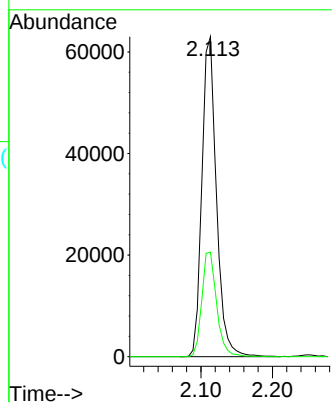
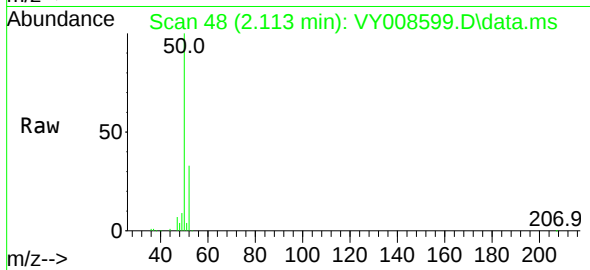




#3
Chloromethane
Concen: 49.268 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

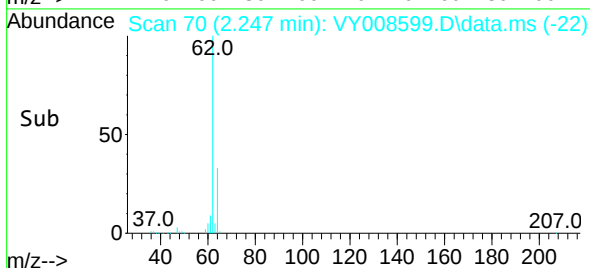
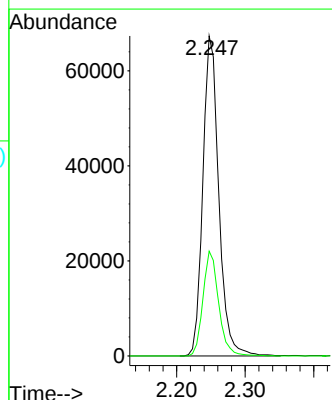
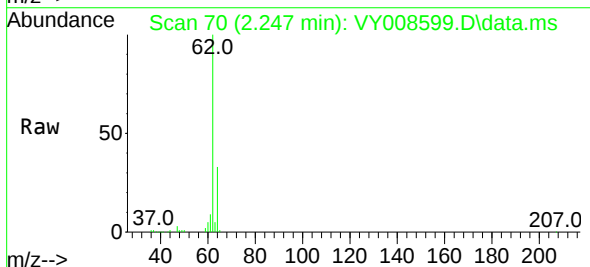
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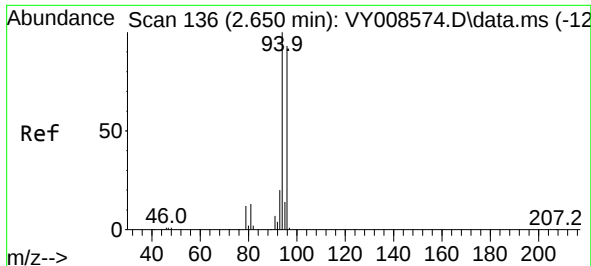
Tgt Ion: 50 Resp: 88938
Ion Ratio Lower Upper
50 100
52 32.7 24.6 37.0



#4
Vinyl Chloride
Concen: 50.273 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 62 Resp: 109111
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6

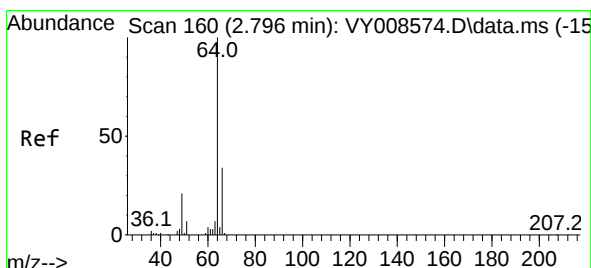
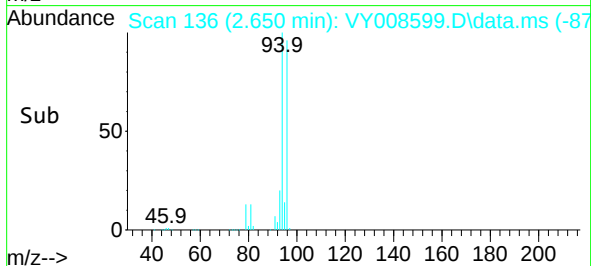
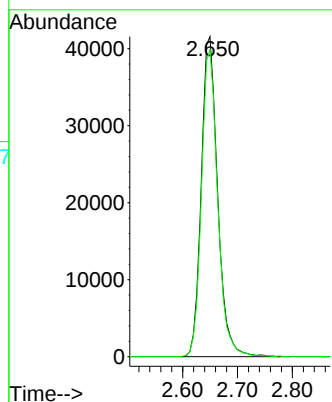
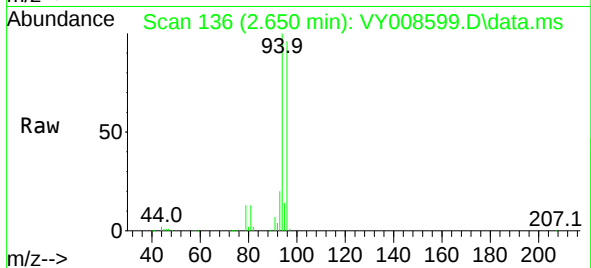




#5
Bromomethane
Concen: 54.093 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008599.D
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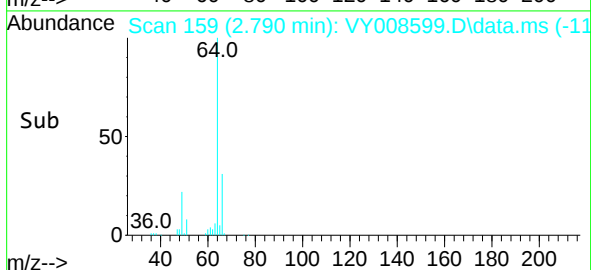
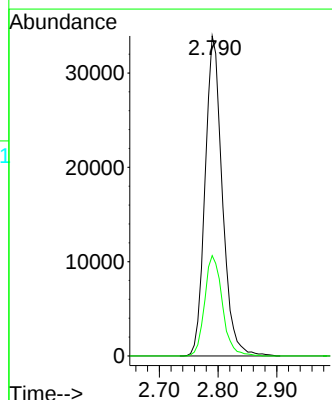
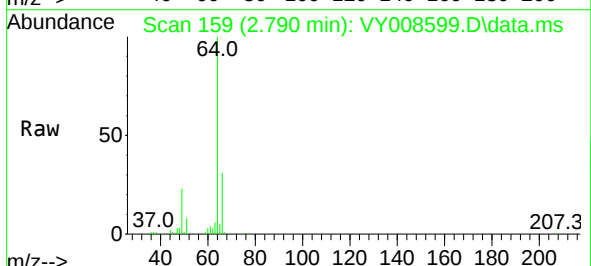
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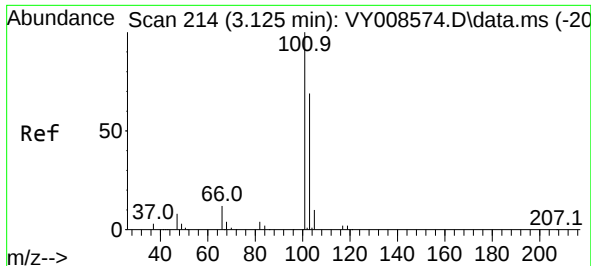
Tgt Ion: 94 Resp: 86135
Ion Ratio Lower Upper
94 100
96 95.8 73.5 110.3



#6
Chloroethane
Concen: 49.751 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 69199
Ion Ratio Lower Upper
64 100
66 31.4 25.4 38.0

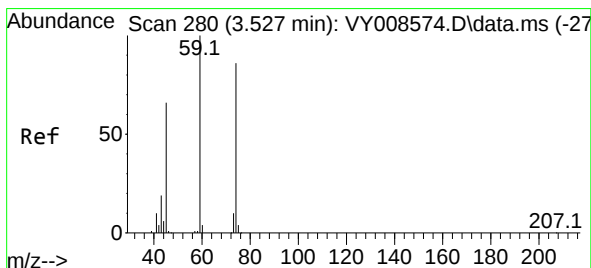
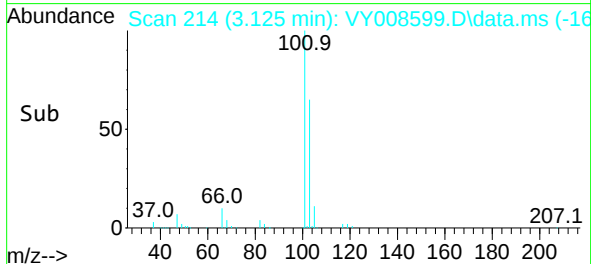
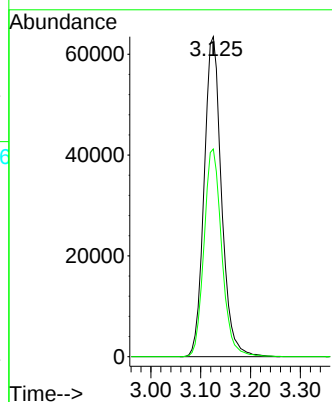
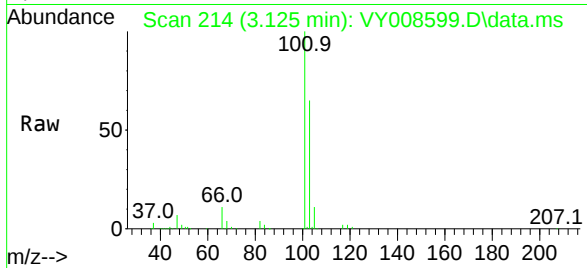




#7
 Trichlorofluoromethane
 Concen: 52.413 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

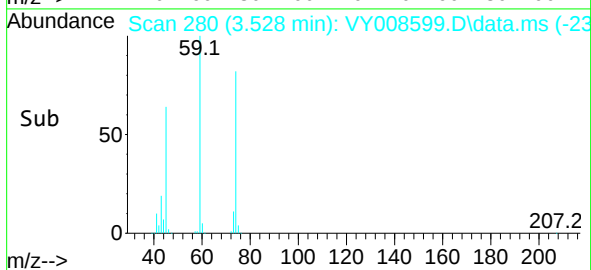
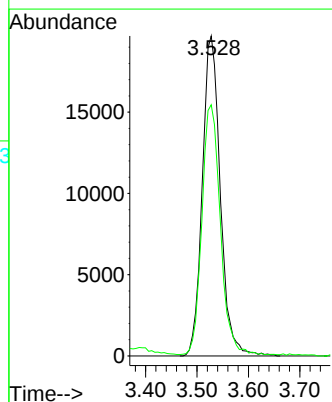
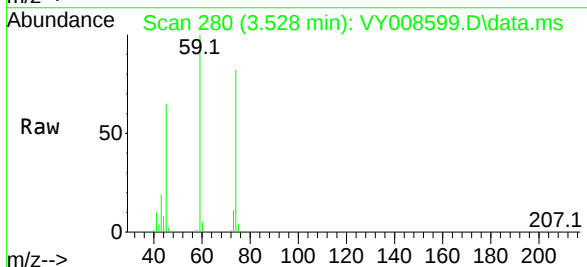
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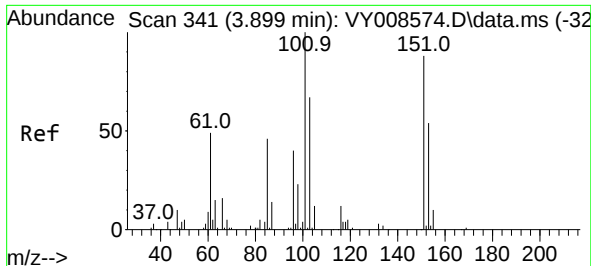
Tgt Ion:101 Resp: 153858
 Ion Ratio Lower Upper
 101 100
 103 64.9 48.0 72.0



#8
 Diethyl Ether
 Concen: 50.882 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 47835
 Ion Ratio Lower Upper
 74 100
 45 79.8 55.1 165.5

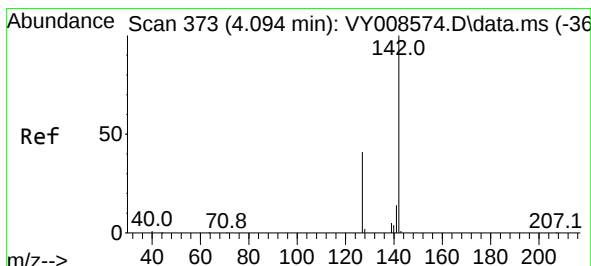
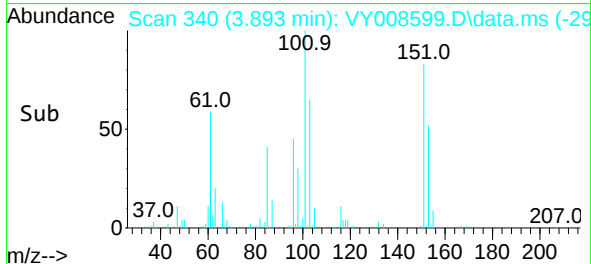
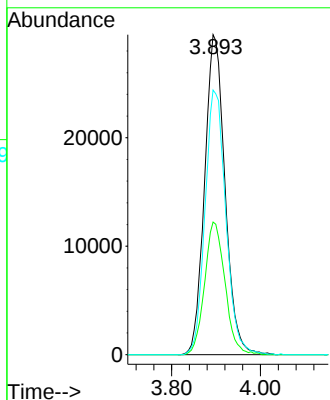
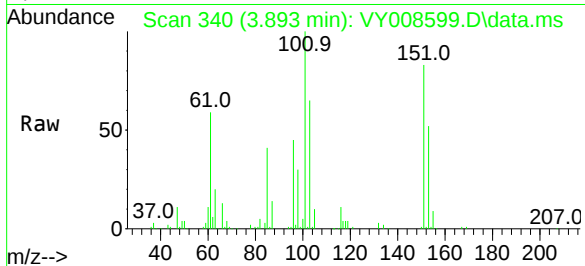




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.554 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

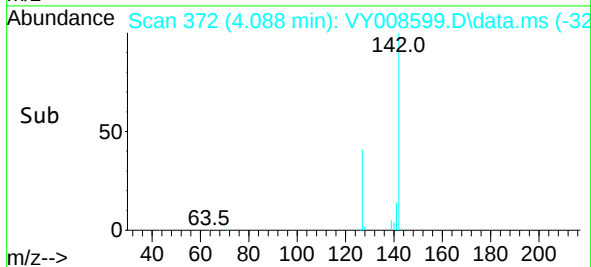
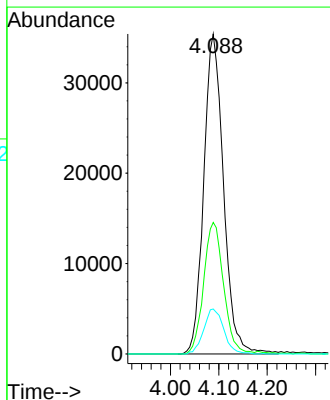
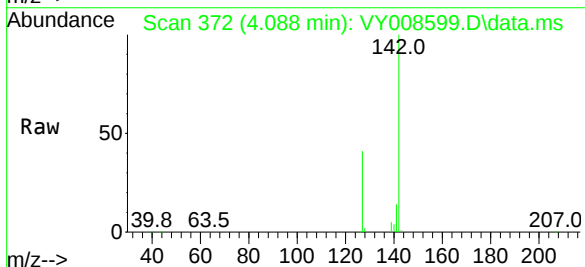
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

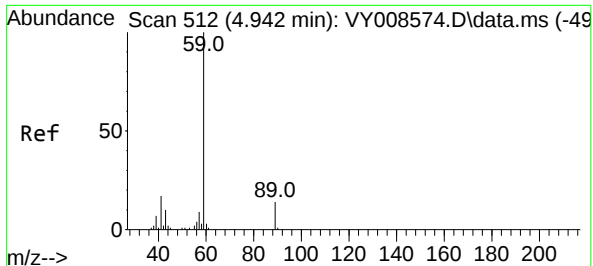
Tgt Ion:101 Resp: 94142
Ion Ratio Lower Upper
101 100
85 41.6 40.6 60.8
151 84.3 64.9 97.3



#10
Methyl Iodide
Concen: 47.019 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion:142 Resp: 100588
Ion Ratio Lower Upper
142 100
127 41.3 41.5 62.3#
141 14.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 251.758 ug/l

RT: 4.942 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

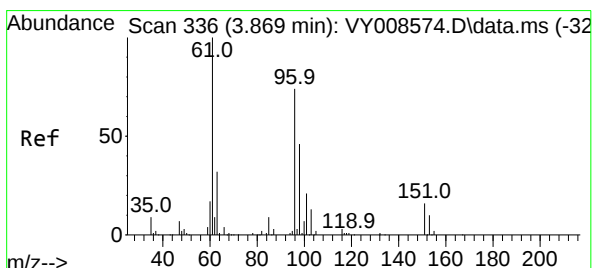
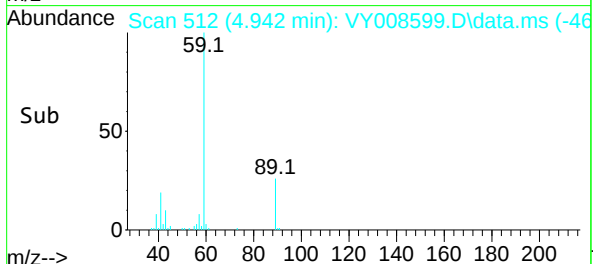
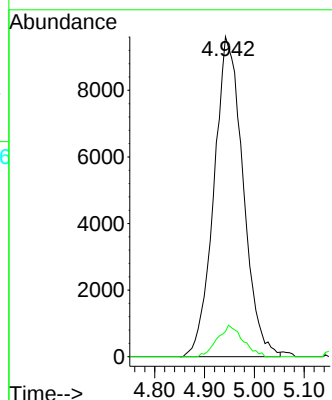
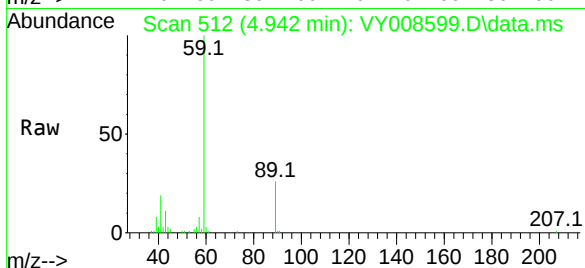
VSTDCCC050EC

Tgt Ion: 59 Resp: 38910

Ion Ratio Lower Upper

59 100

57 8.6 6.4 9.6



#12

1,1-Dichloroethene

Concen: 54.097 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

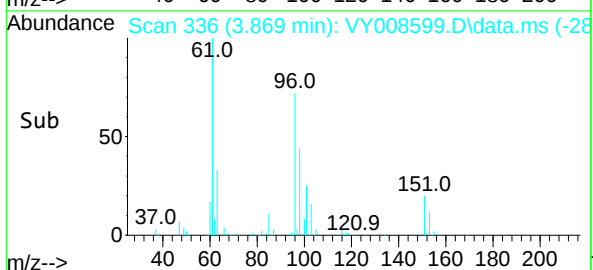
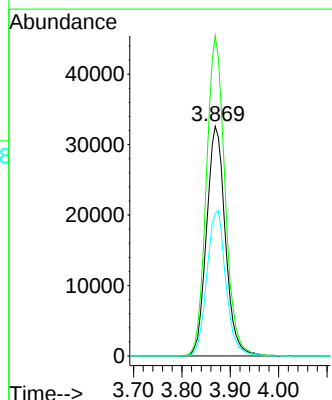
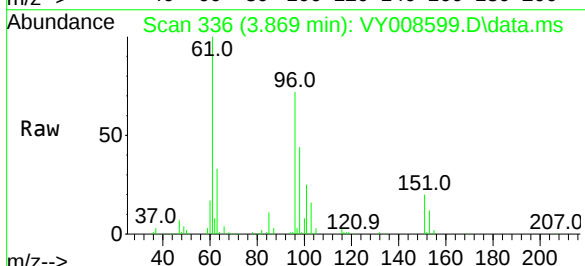
Tgt Ion: 96 Resp: 87967

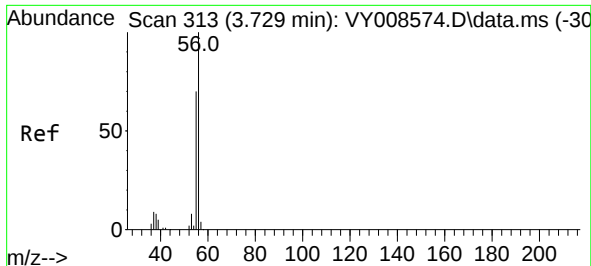
Ion Ratio Lower Upper

96 100

61 139.3 145.8 218.6#

98 61.9 52.5 78.7





#13

Acrolein

Concen: 206.202 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

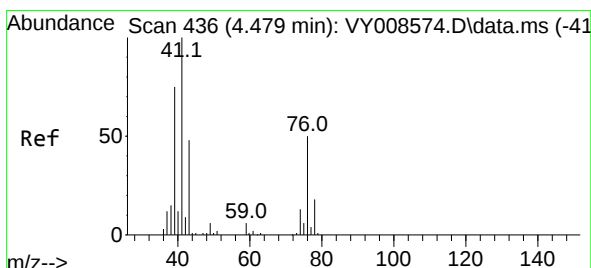
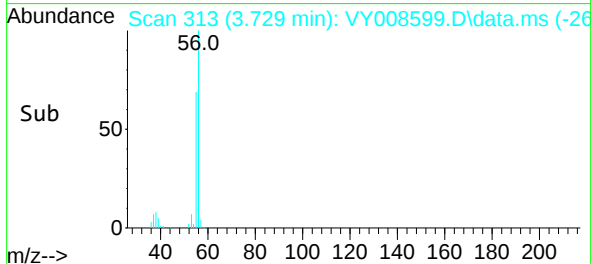
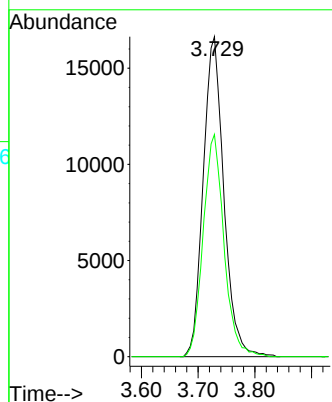
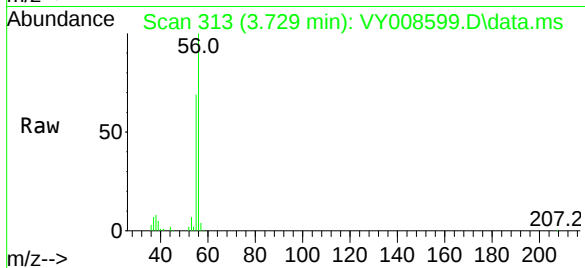
VSTDCCC050EC

Tgt Ion: 56 Resp: 41962

Ion Ratio Lower Upper

56 100

55 70.0 57.6 86.4



#14

Allyl chloride

Concen: 55.090 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

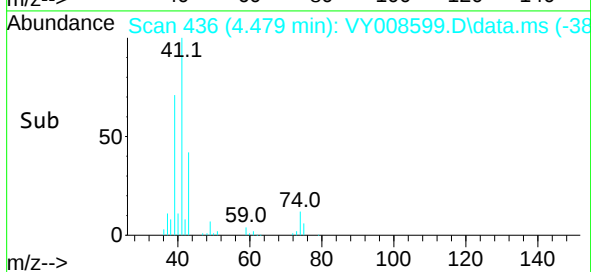
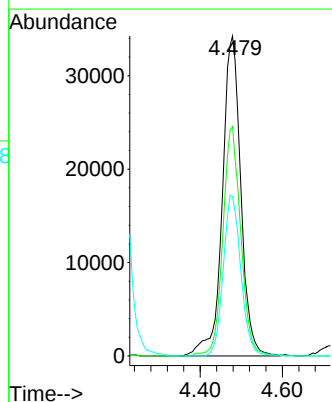
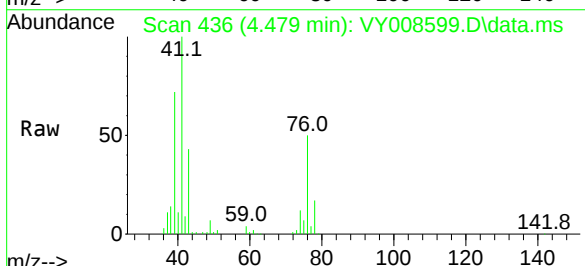
Tgt Ion: 41 Resp: 107247

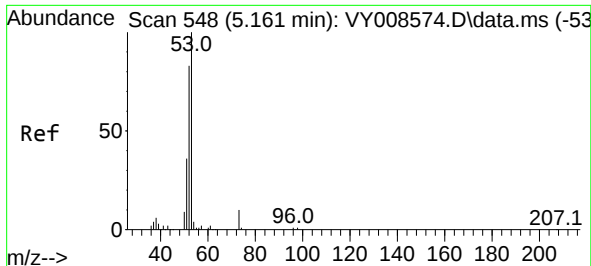
Ion Ratio Lower Upper

41 100

39 69.1 58.8 88.2

76 47.8 25.1 37.7#

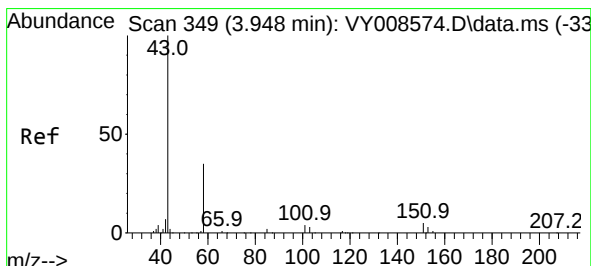
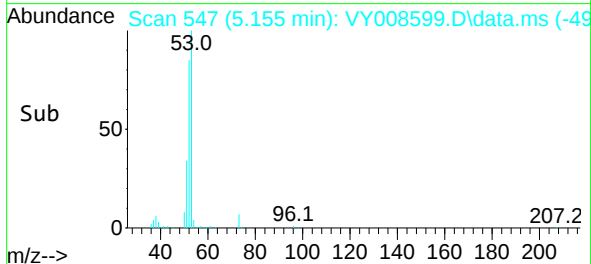
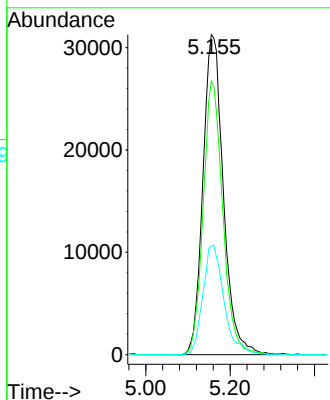
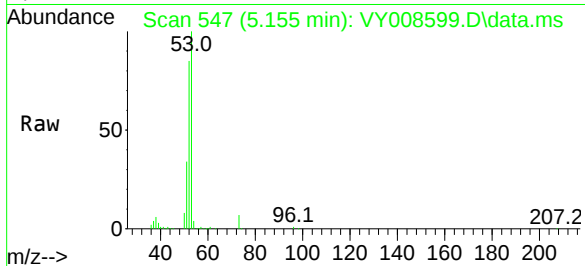




#15
Acrylonitrile
Concen: 246.269 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

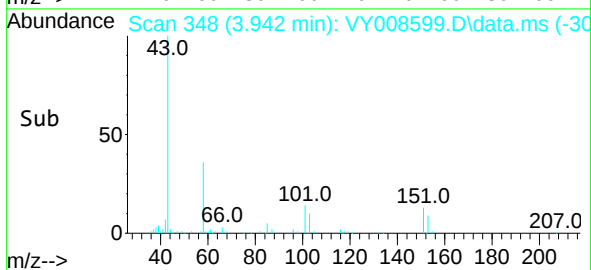
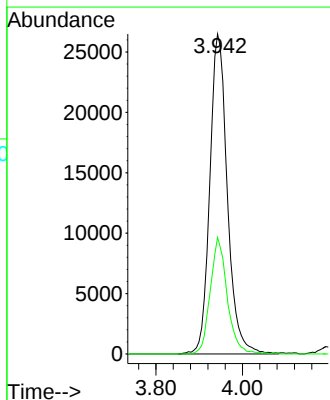
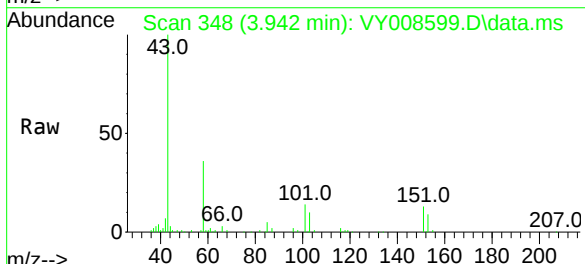
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

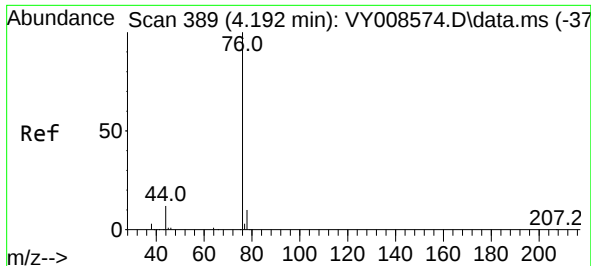
Tgt Ion: 53 Resp: 105557
Ion Ratio Lower Upper
53 100
52 81.9 67.0 100.4
51 35.4 29.8 44.6



#16
Acetone
Concen: 229.712 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 43 Resp: 74542
Ion Ratio Lower Upper
43 100
58 36.4 22.0 33.0#

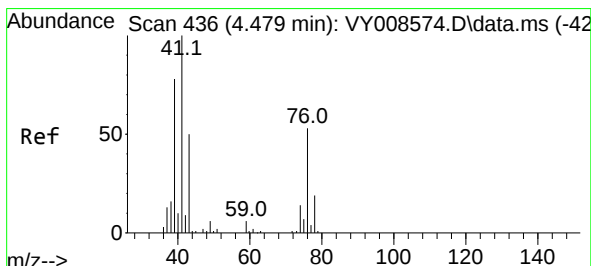
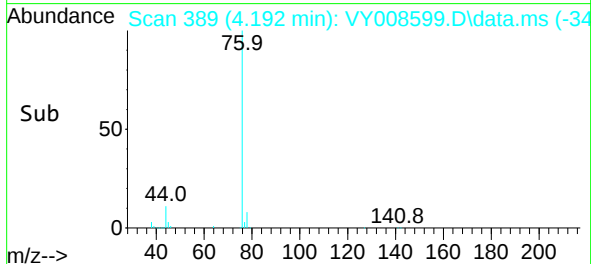
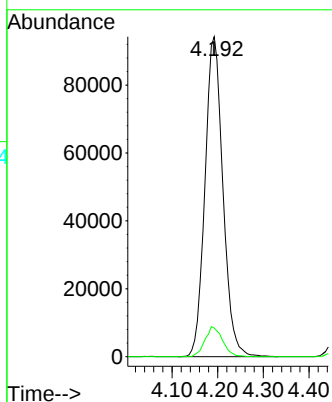
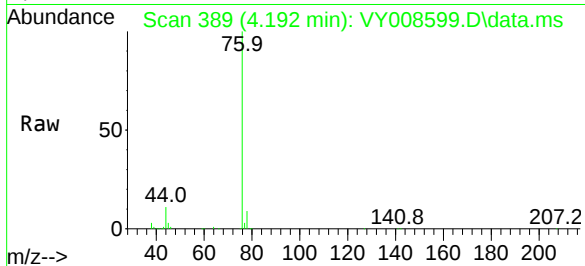




#17
Carbon Disulfide
Concen: 55.613 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

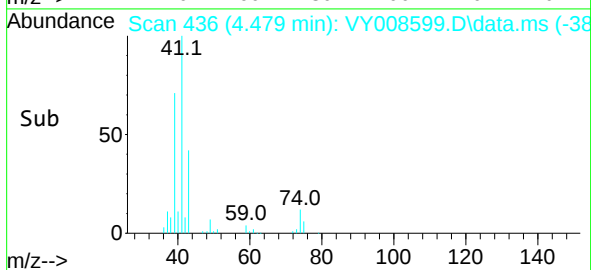
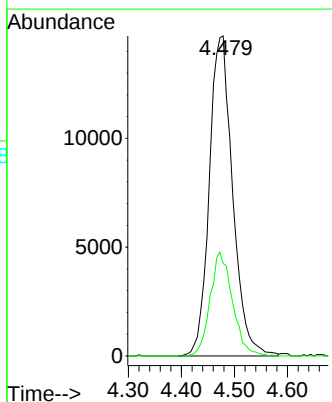
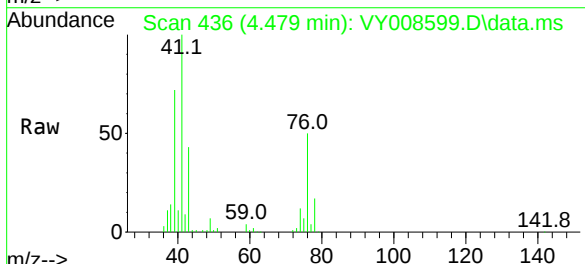
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

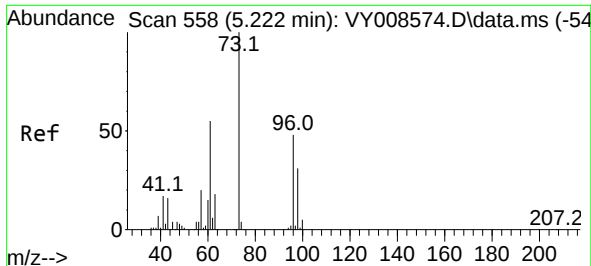
Tgt Ion: 76 Resp: 257128
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 48.592 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 43 Resp: 44989
Ion Ratio Lower Upper
43 100
74 31.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 49.994 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

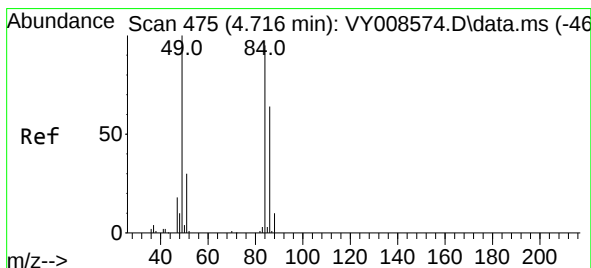
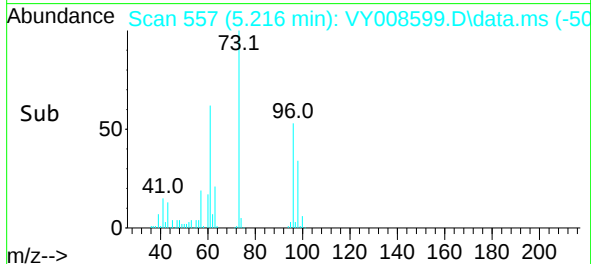
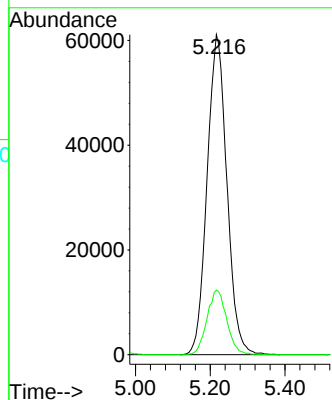
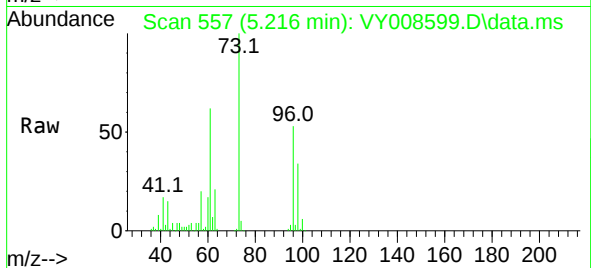
VSTDCCC050EC

Tgt Ion: 73 Resp: 224170

Ion Ratio Lower Upper

73 100

57 20.2 18.6 27.8



#20

Methylene Chloride

Concen: 51.302 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Tgt Ion: 84 Resp: 98648

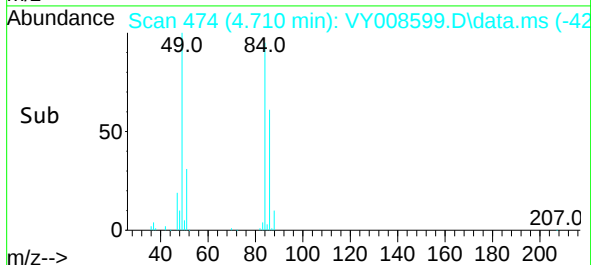
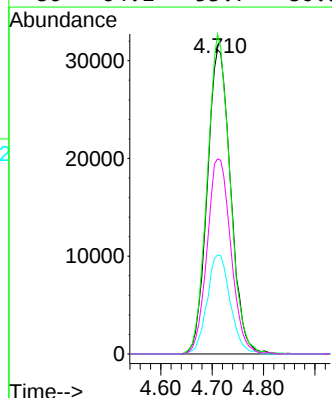
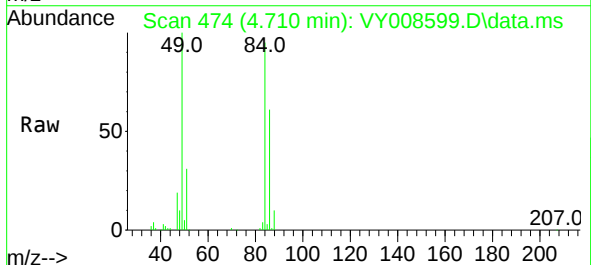
Ion Ratio Lower Upper

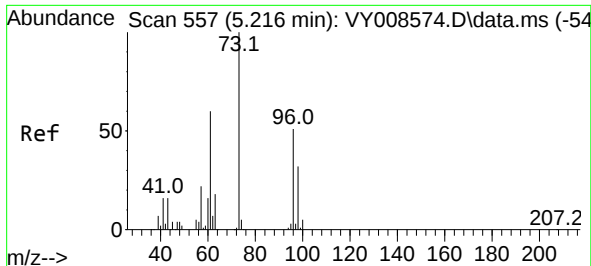
84 100

49 105.2 114.4 171.6#

51 32.5 35.3 52.9#

86 64.1 53.7 80.5

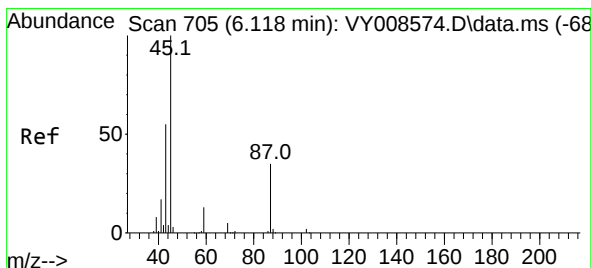
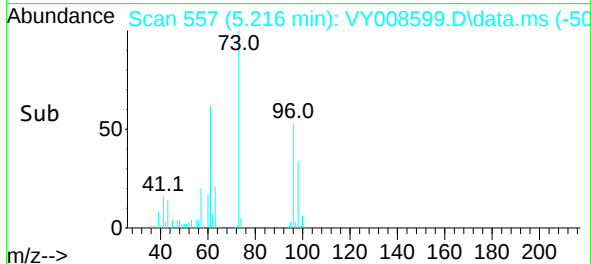
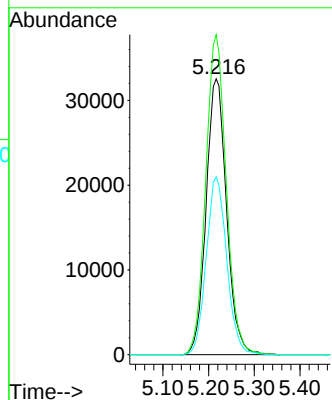
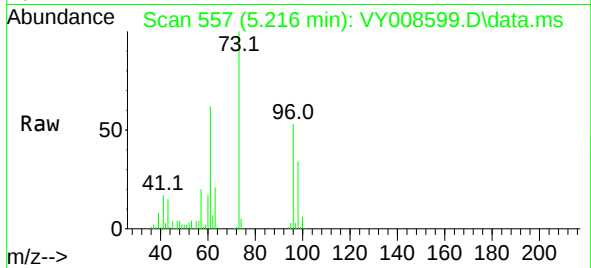




#21
trans-1,2-Dichloroethene
Concen: 54.755 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

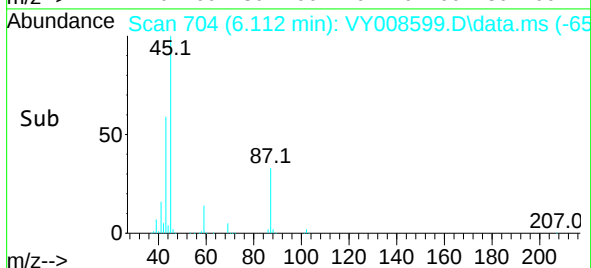
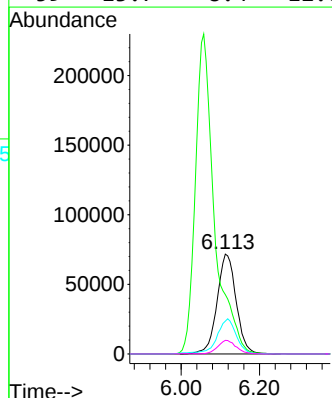
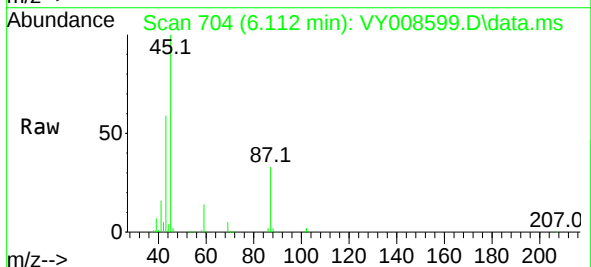
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

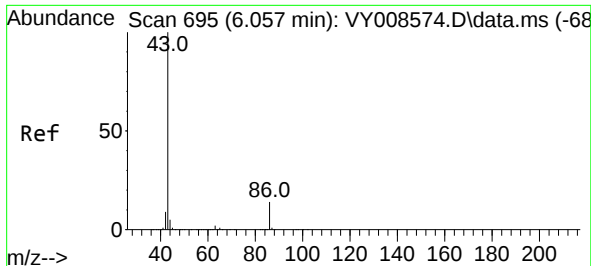
Tgt Ion: 96 Resp: 101145
Ion Ratio Lower Upper
96 100
61 116.0 120.5 180.7#
98 64.5 49.8 74.8



#22
Diisopropyl ether
Concen: 54.147 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 45 Resp: 243347
Ion Ratio Lower Upper
45 100
43 59.3 49.3 73.9
87 32.9 19.2 28.8#
59 13.7 8.4 12.6#

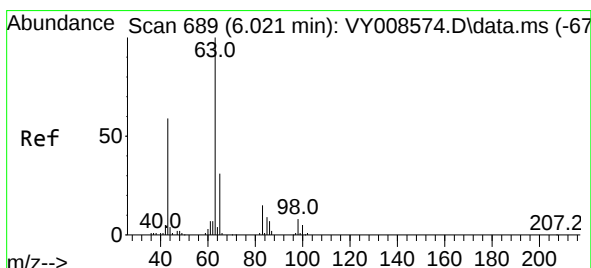
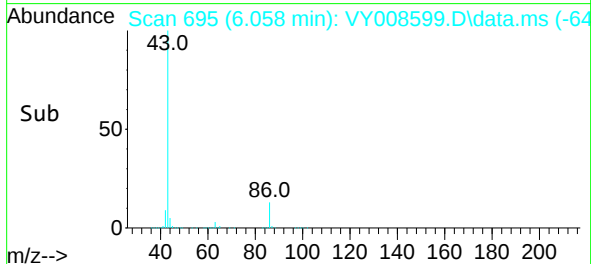
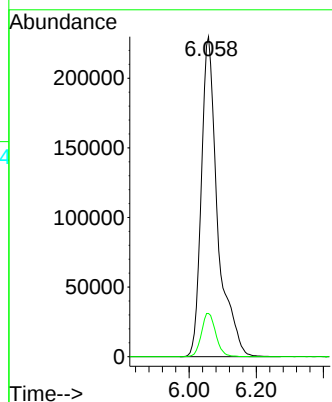
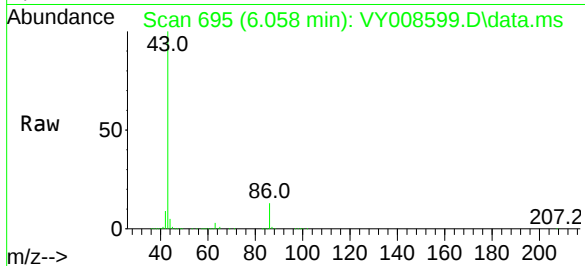




#23
 Vinyl Acetate
 Concen: 264.843 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

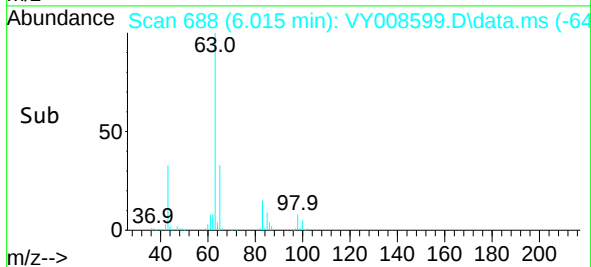
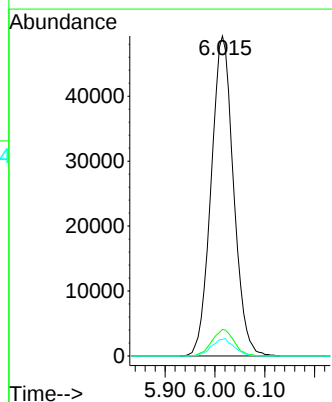
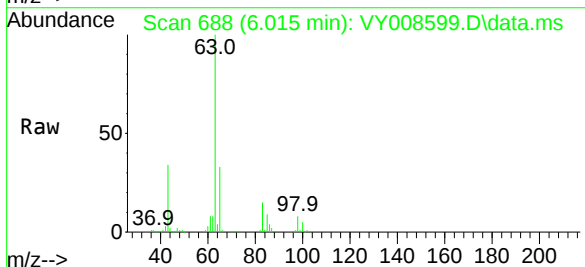
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

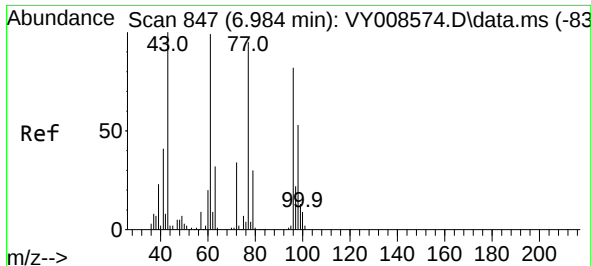
Tgt Ion: 43 Resp: 777287
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 54.274 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

Tgt Ion: 63 Resp: 153754
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.2 2.0 5.8

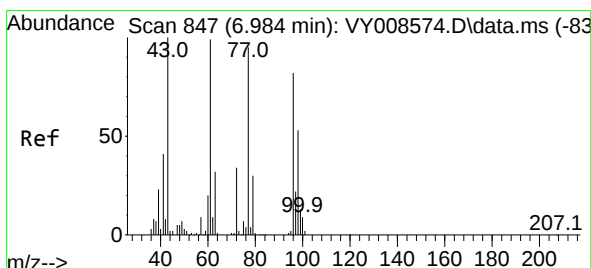
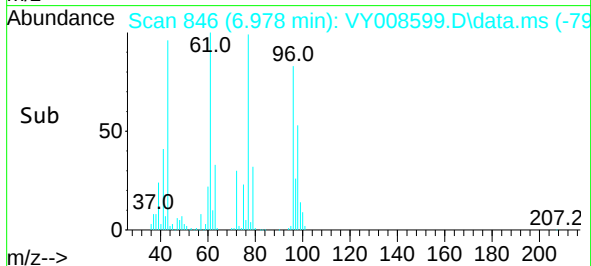
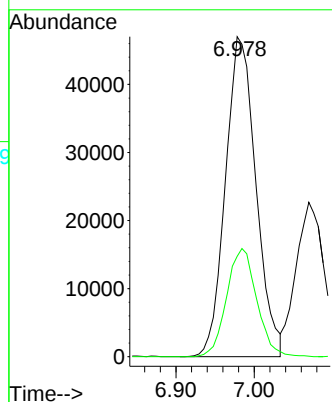
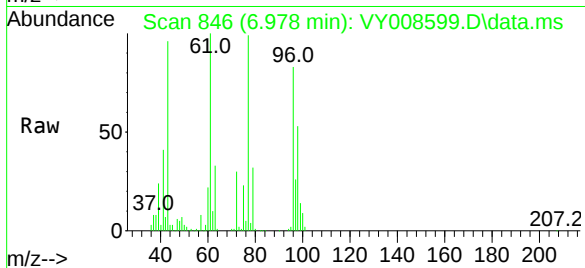




#25
2-Butanone
Concen: 244.297 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

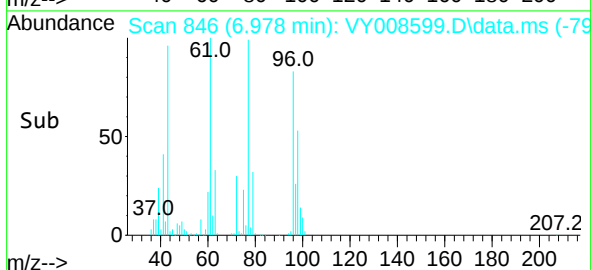
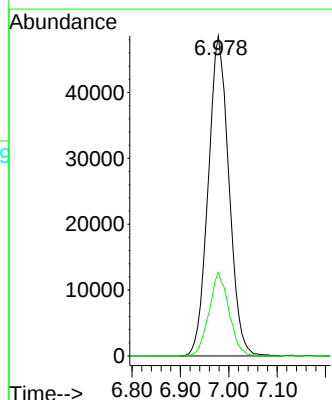
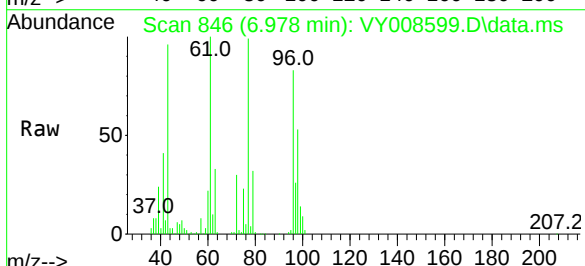
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

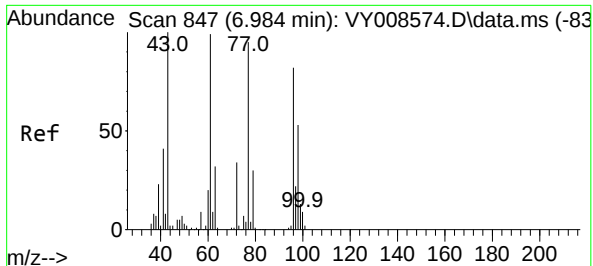
Tgt Ion: 43 Resp: 127249
Ion Ratio Lower Upper
43 100
72 31.4 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 53.257 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 77 Resp: 144504
Ion Ratio Lower Upper
77 100
97 25.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 53.571 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

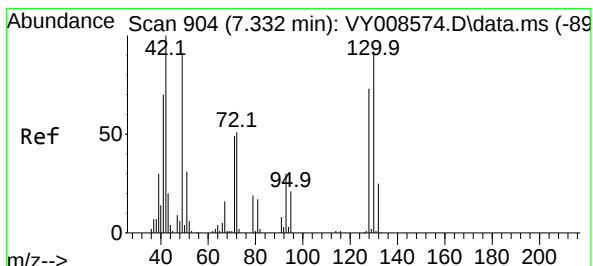
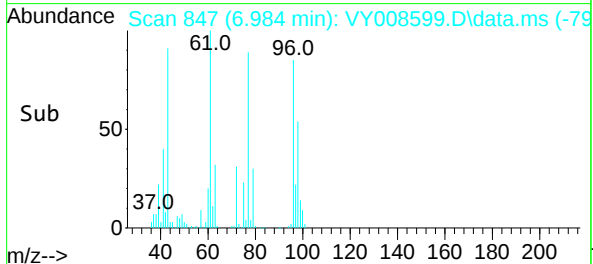
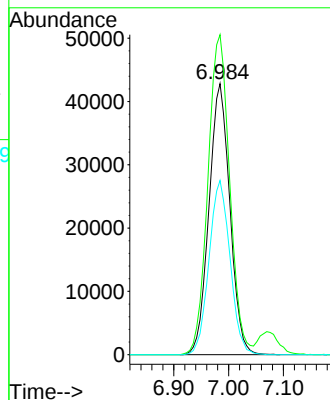
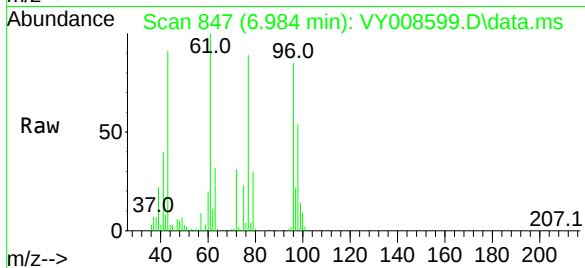
Tgt Ion: 96 Resp: 113253

Ion Ratio Lower Upper

96 100

61 123.0 0.0 319.8

98 64.6 0.0 127.0



#28

Bromochloromethane

Concen: 46.193 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

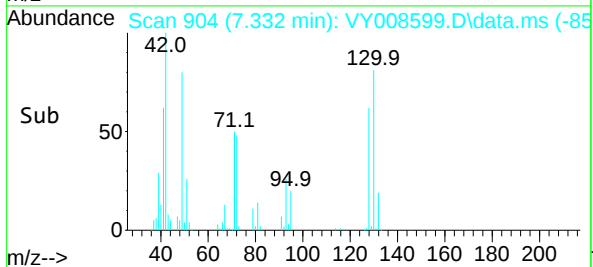
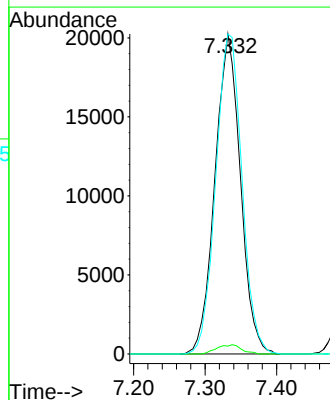
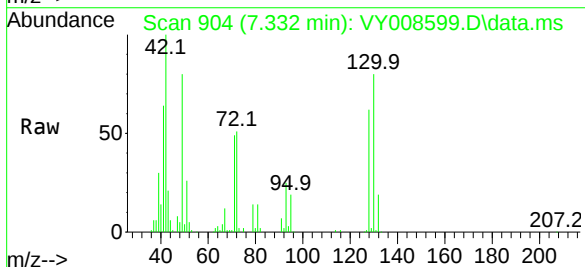
Tgt Ion: 49 Resp: 50037

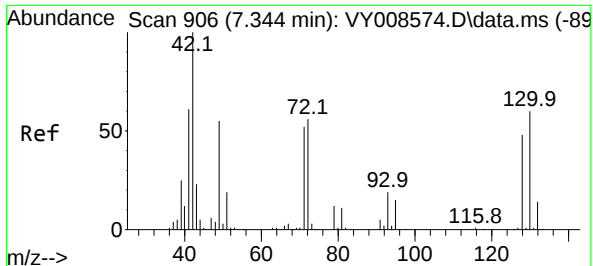
Ion Ratio Lower Upper

49 100

129 2.8 0.0 2.2#

130 102.8 55.4 83.0#





#29

Tetrahydrofuran

Concen: 246.747 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

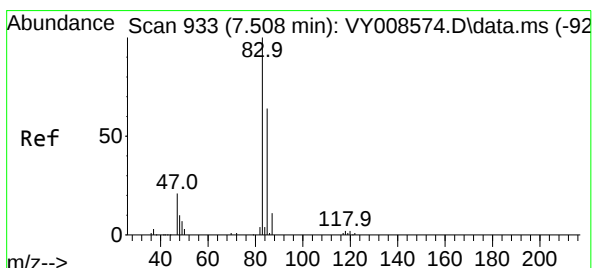
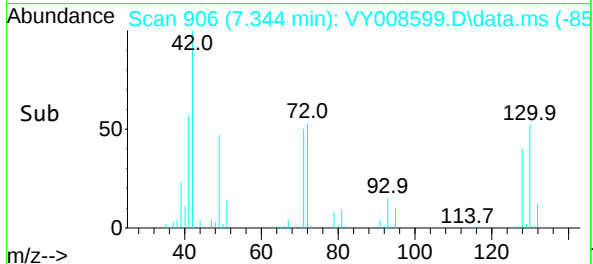
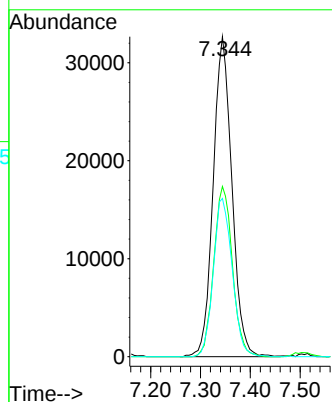
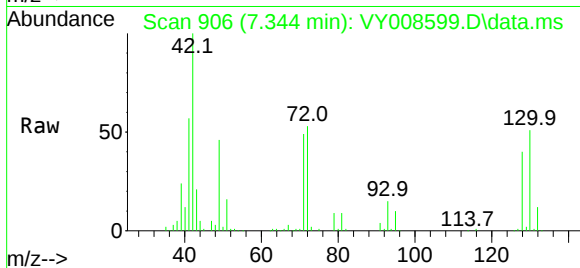
Tgt Ion: 42 Resp: 85244

Ion Ratio Lower Upper

42 100

72 53.1 30.3 45.5#

71 50.0 29.0 43.4#



#30

Chloroform

Concen: 53.174 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008599.D

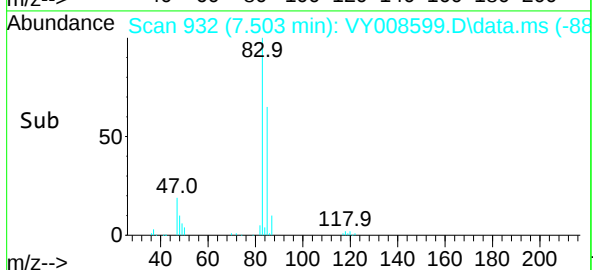
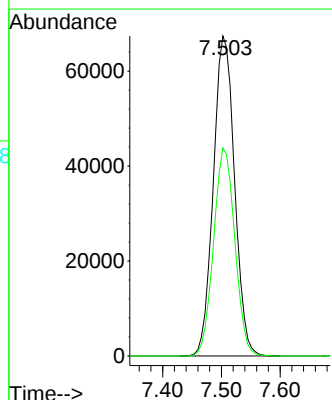
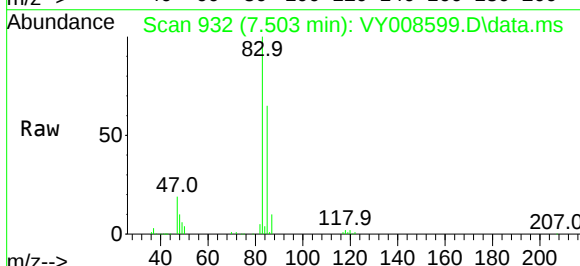
Acq: 03 May 2022 18:02

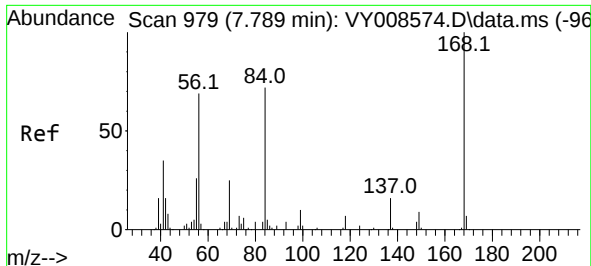
Tgt Ion: 83 Resp: 168785

Ion Ratio Lower Upper

83 100

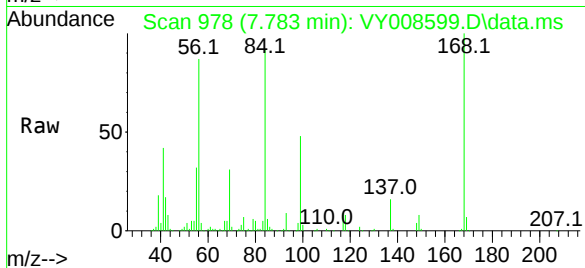
85 65.1 51.8 77.6



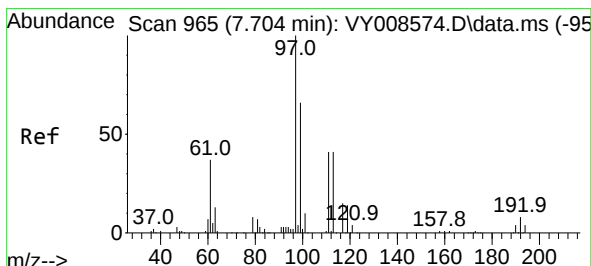
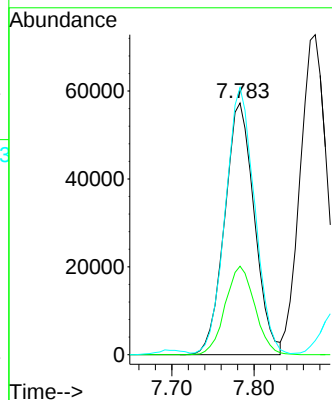
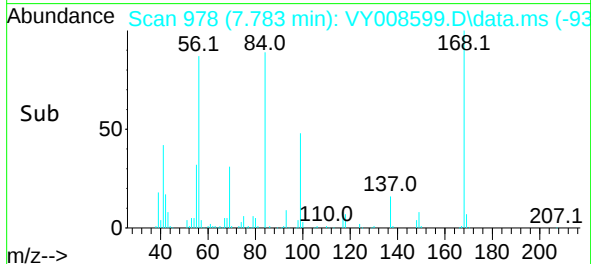


#31
Cyclohexane
Concen: 55.560 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

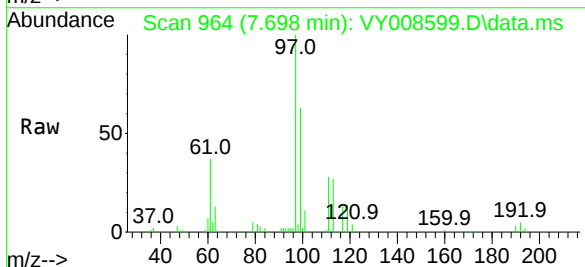
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



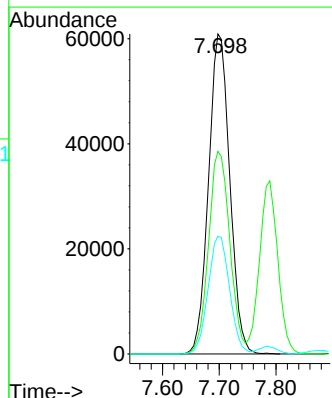
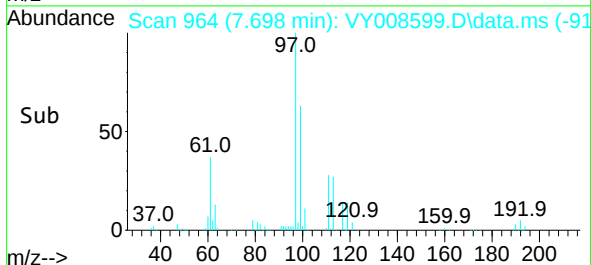
Tgt Ion: 56 Resp: 144430
Ion Ratio Lower Upper
56 100
69 35.2 26.7 40.1
84 104.8 67.2 100.8#

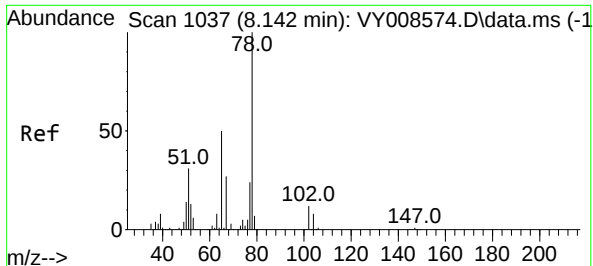


#32
1,1,1-Trichloroethane
Concen: 54.302 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02



Tgt Ion: 97 Resp: 158107
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 37.5 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 48.805 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

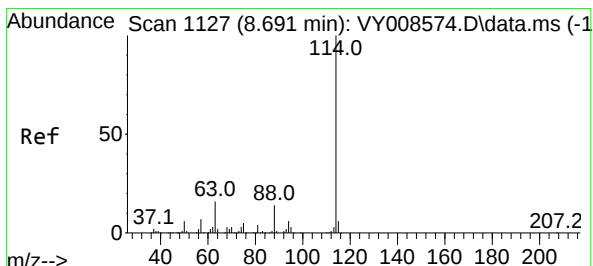
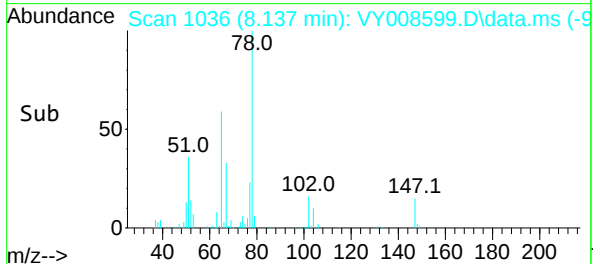
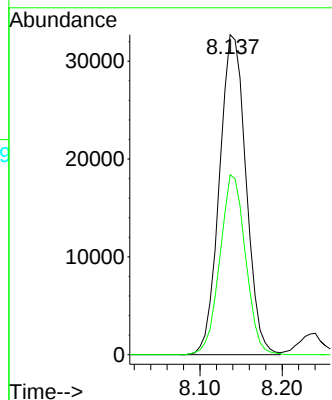
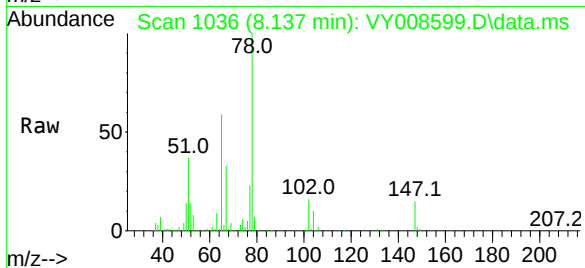
VSTDCCC050EC

Tgt Ion: 65 Resp: 73503

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

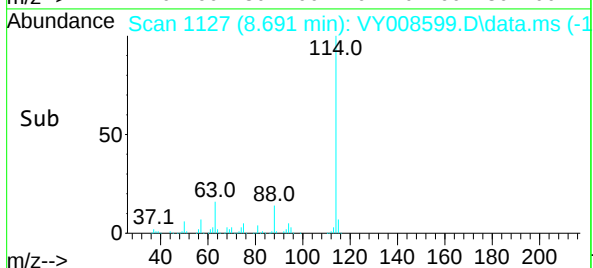
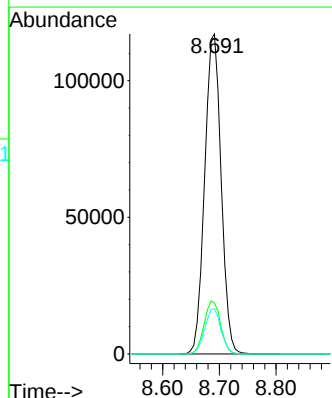
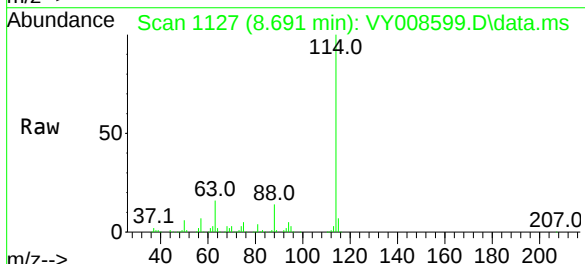
Tgt Ion: 114 Resp: 235720

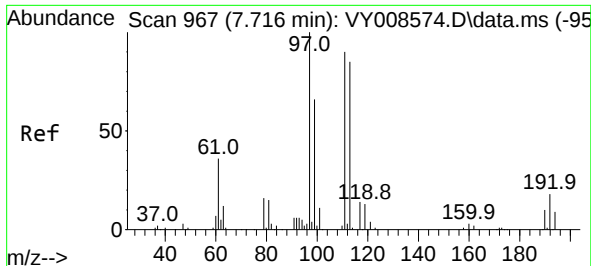
Ion Ratio Lower Upper

114 100

63 15.9 0.0 43.2

88 14.1 0.0 31.8

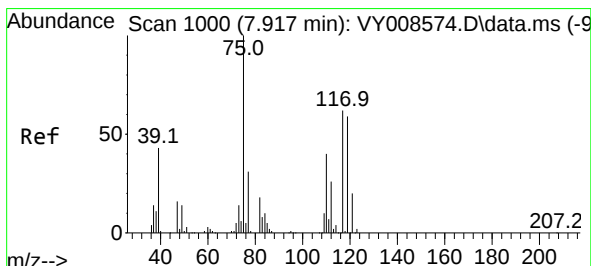
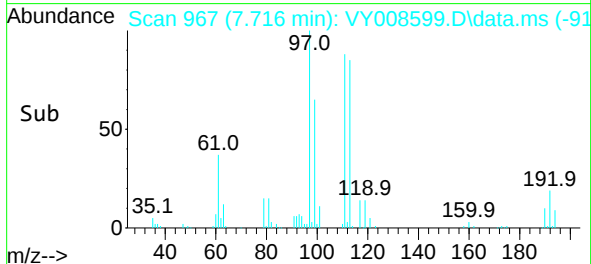
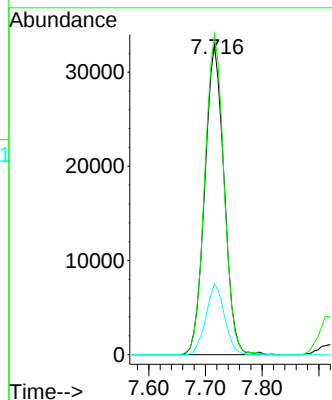
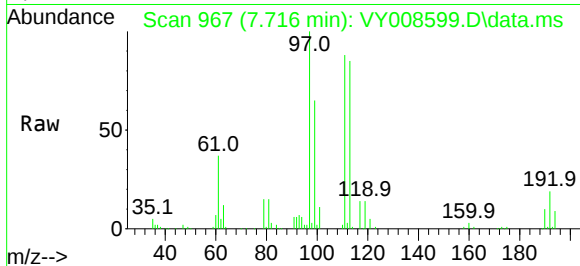




#35
Dibromofluoromethane
Concen: 49.960 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

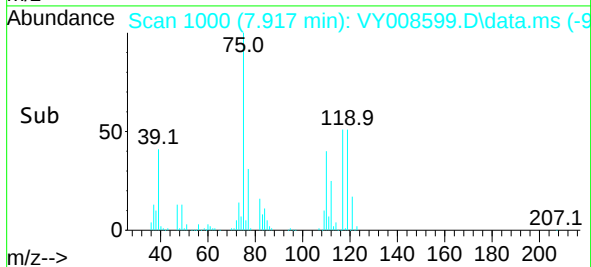
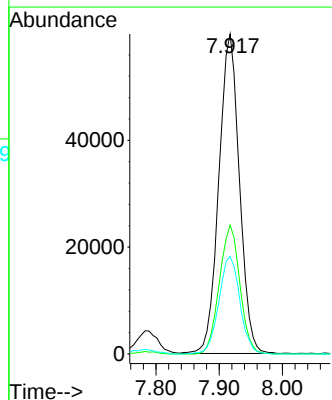
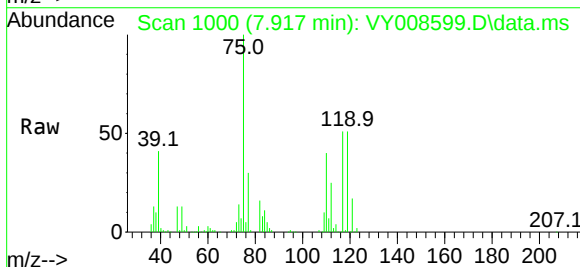
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

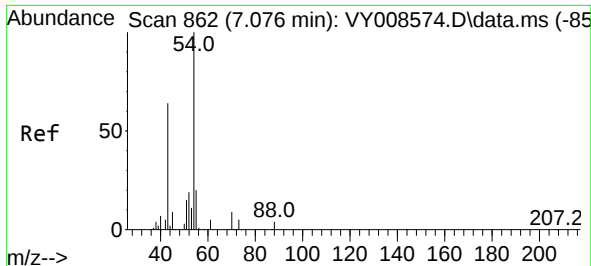
Tgt Ion:113 Resp: 77926
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 55.633 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 75 Resp: 134933
Ion Ratio Lower Upper
75 100
110 40.1 17.1 51.2
77 31.2 24.4 36.6

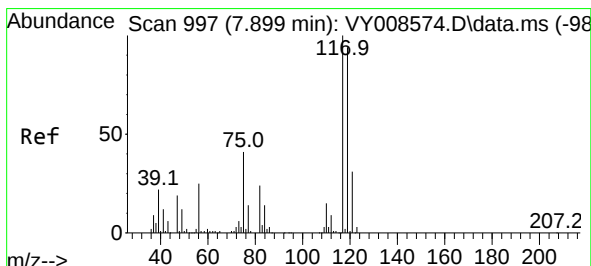
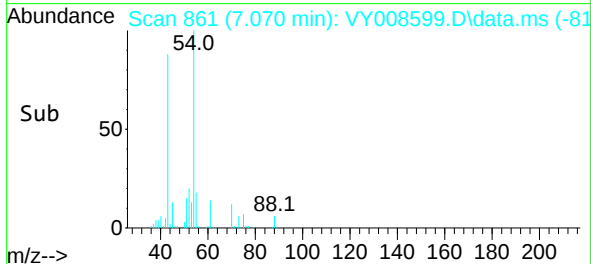
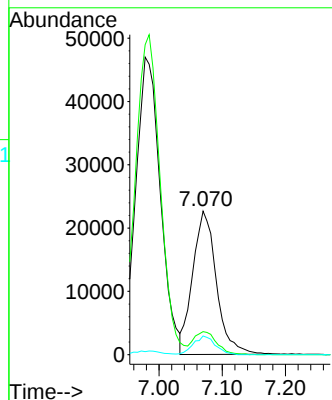
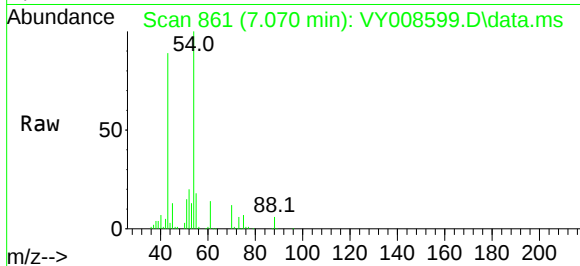




#37
Ethyl Acetate
Concen: 47.588 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

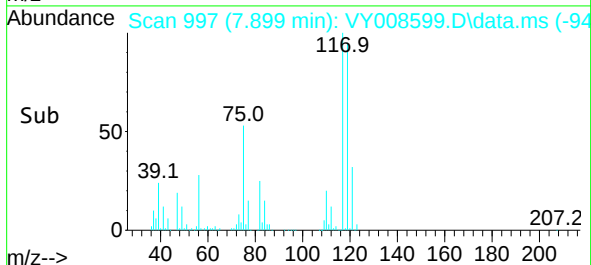
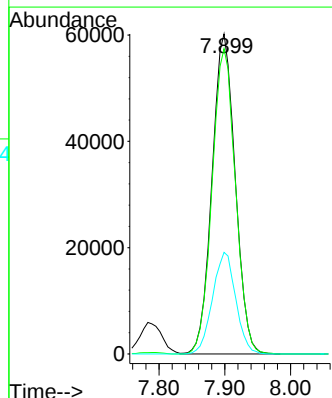
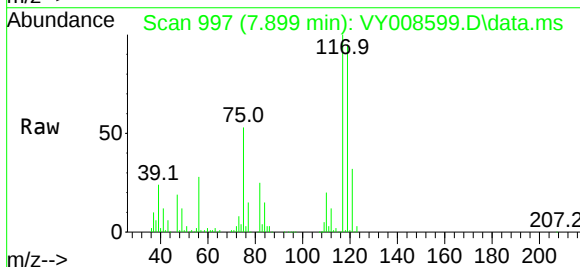
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

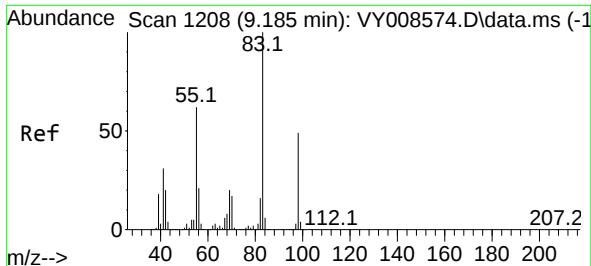
Tgt Ion: 43 Resp: 59191
Ion Ratio Lower Upper
43 100
61 15.6 9.7 14.5#
70 12.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 53.289 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 117 Resp: 147454
Ion Ratio Lower Upper
117 100
119 95.4 77.9 116.9
121 31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 56.726 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

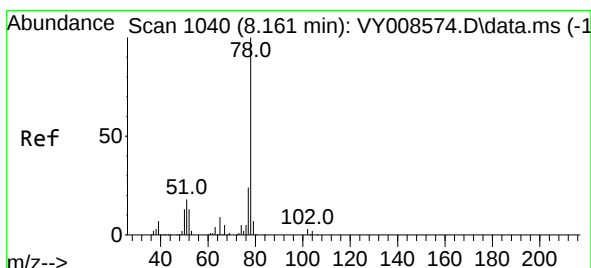
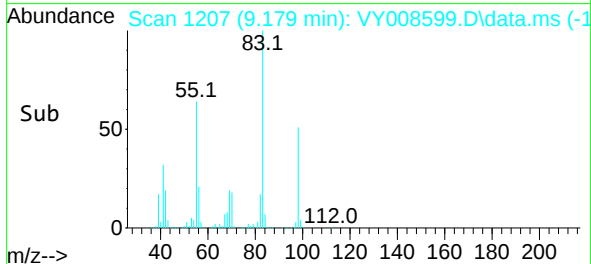
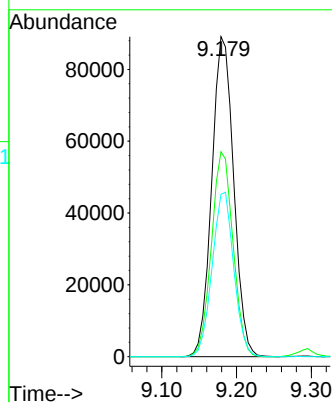
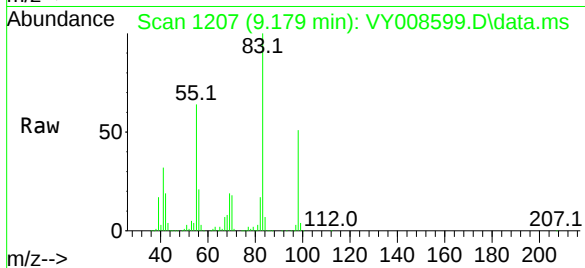
Tgt Ion: 83 Resp: 181494

Ion Ratio Lower Upper

83 100

55 64.0 66.5 99.7#

98 50.7 37.9 56.9



#40

Benzene

Concen: 54.908 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008599.D

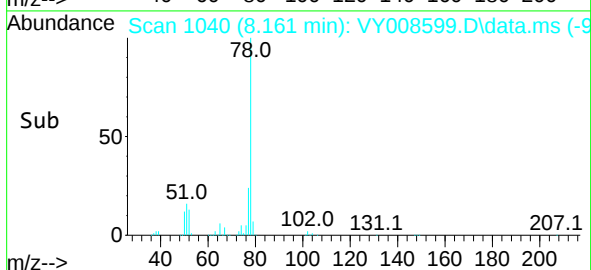
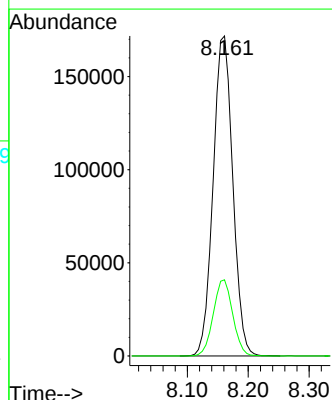
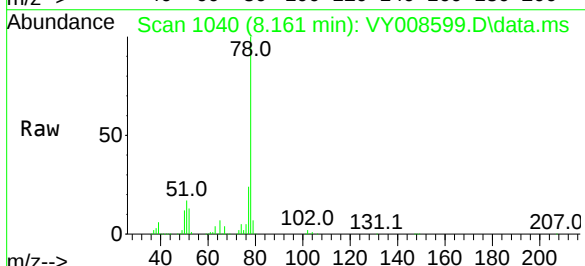
Acq: 03 May 2022 18:02

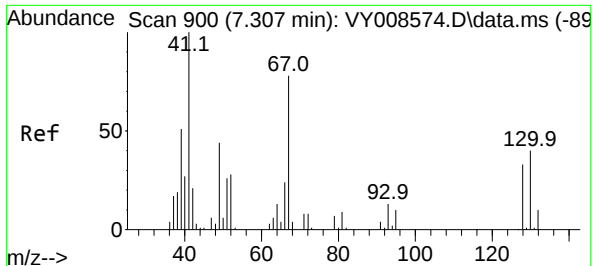
Tgt Ion: 78 Resp: 384675

Ion Ratio Lower Upper

78 100

77 23.8 20.4 30.6

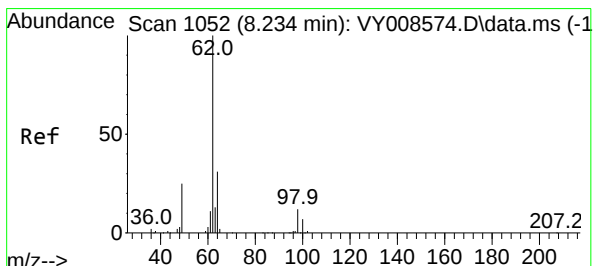
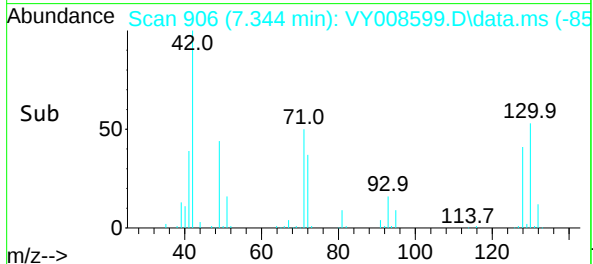
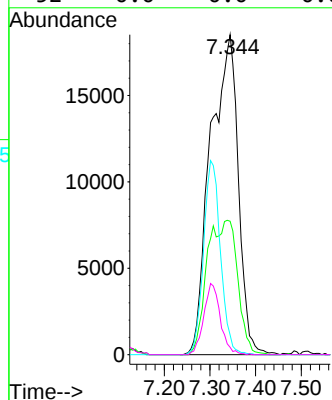
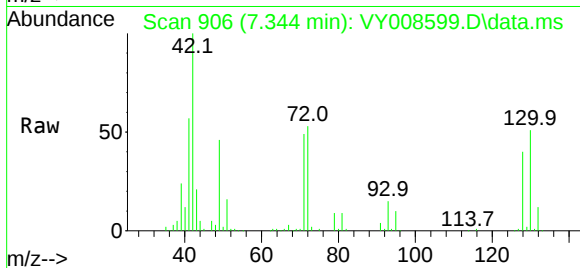




#41
Methacrylonitrile
Concen: 143.173 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

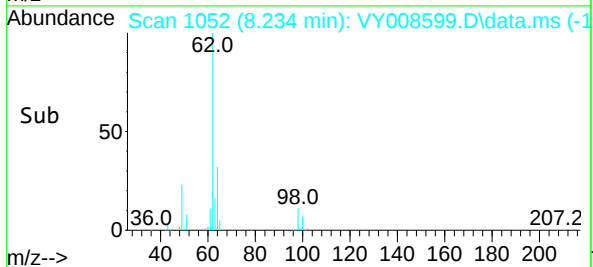
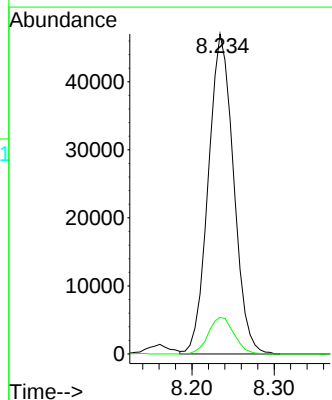
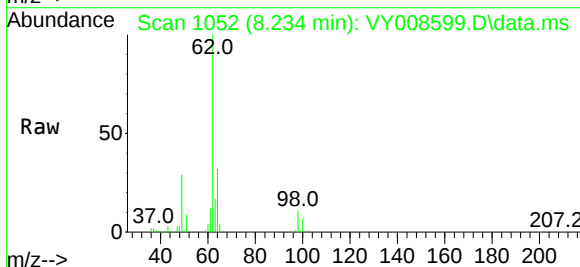
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

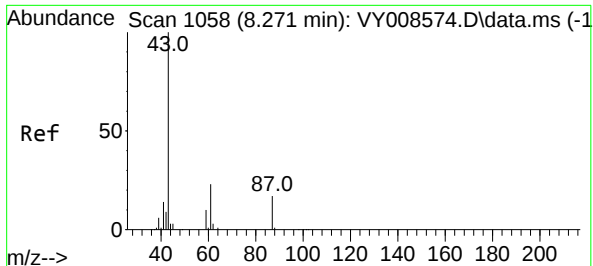
Tgt Ion: 41 Resp: 78128
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.465 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 62 Resp: 100302
Ion Ratio Lower Upper
62 100
98 11.6 0.0 14.8

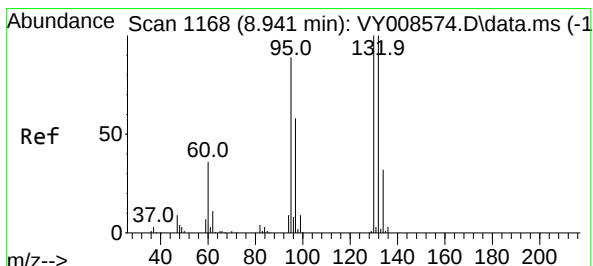
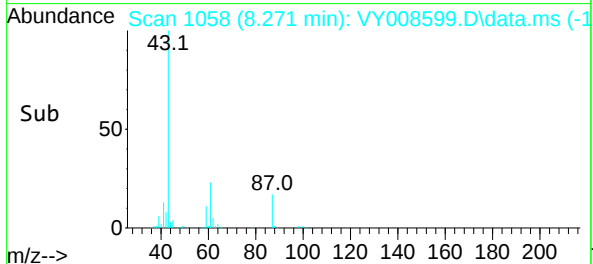
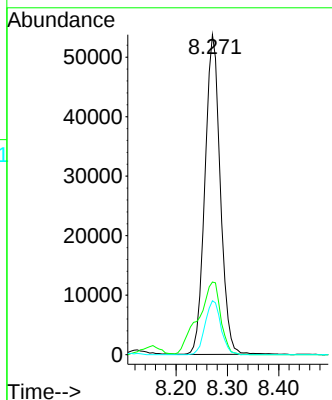
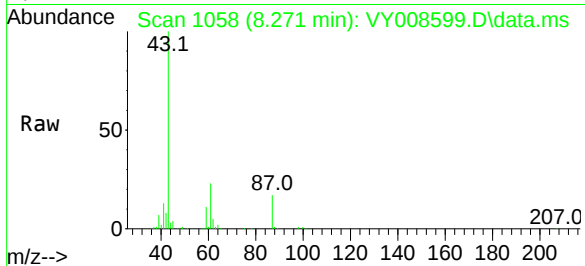




#43
Isopropyl Acetate
Concen: 49.181 ug/l
RT: 8.271 min Scan# 111303
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

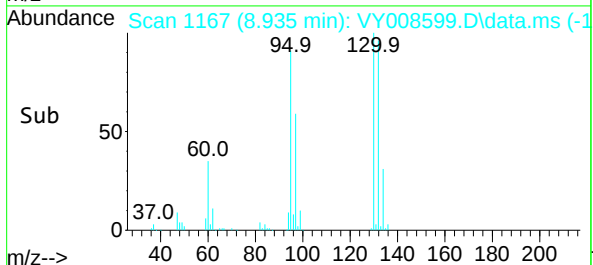
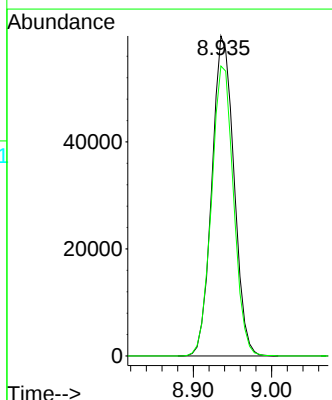
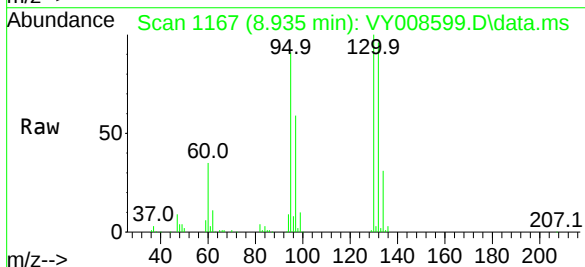
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

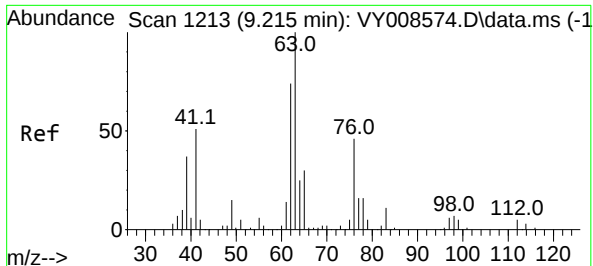
Tgt Ion: 43 Resp: 111303
Ion Ratio Lower Upper
43 100
61 33.3 20.2 30.2#
87 17.3 8.9 13.3#



#44
Trichloroethene
Concen: 53.258 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 130 Resp: 117038
Ion Ratio Lower Upper
130 100
95 90.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 55.476 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

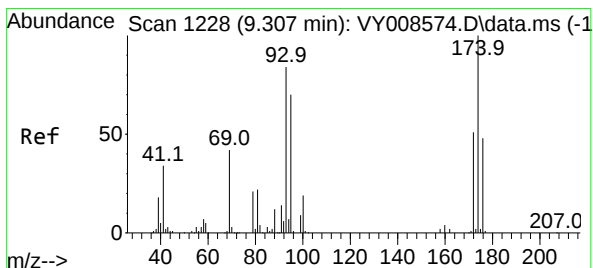
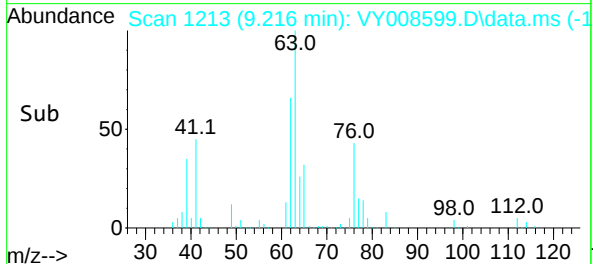
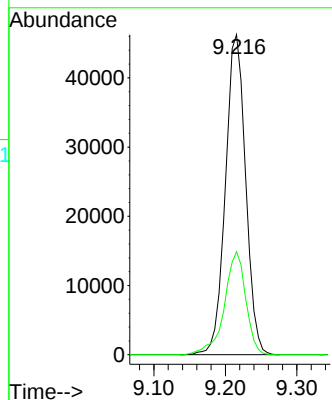
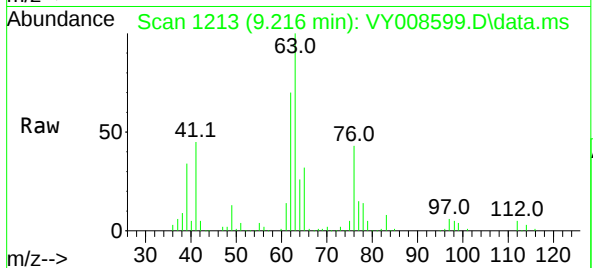
VSTDCCC050EC

Tgt Ion: 63 Resp: 90669

Ion Ratio Lower Upper

63 100

65 32.2 23.0 34.6



#46

Dibromomethane

Concen: 50.211 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

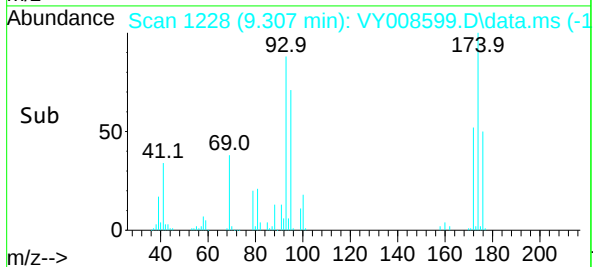
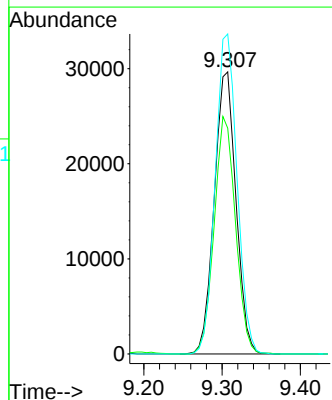
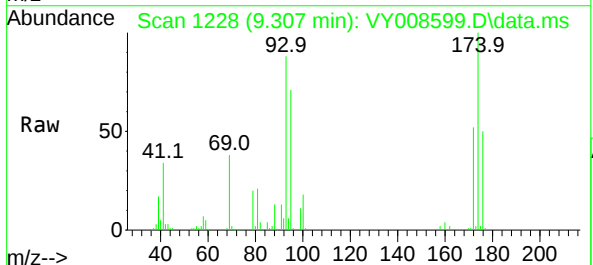
Tgt Ion: 93 Resp: 57287

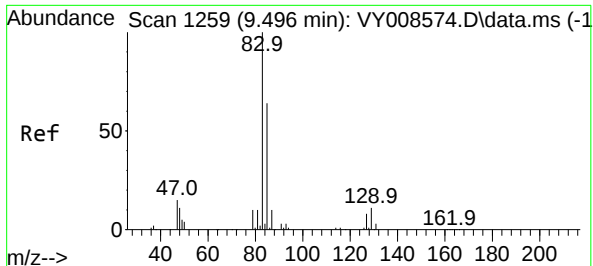
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

174 113.4 83.4 125.0





#47

Bromodichloromethane

Concen: 52.687 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

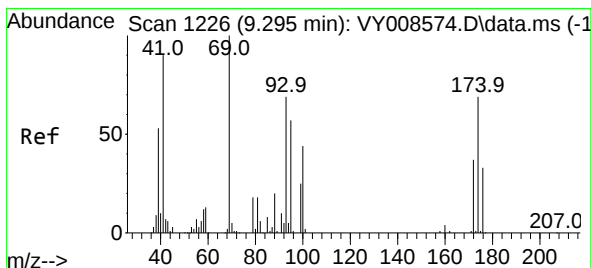
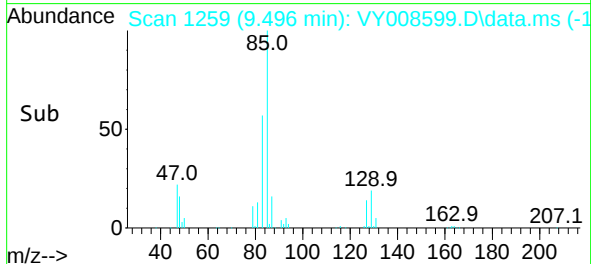
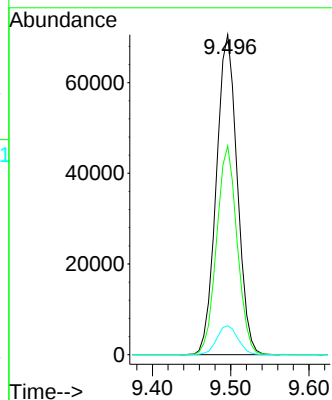
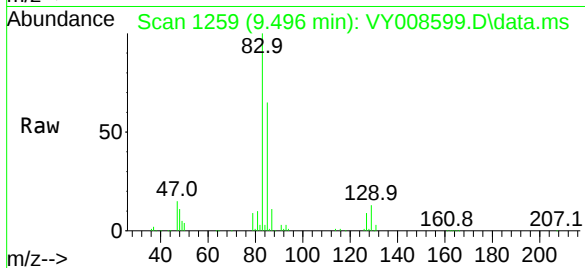
Tgt Ion: 83 Resp: 130980

Ion Ratio Lower Upper

83 100

85 65.3 51.9 77.9

127 9.0 6.6 10.0



#48

Methyl methacrylate

Concen: 51.276 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

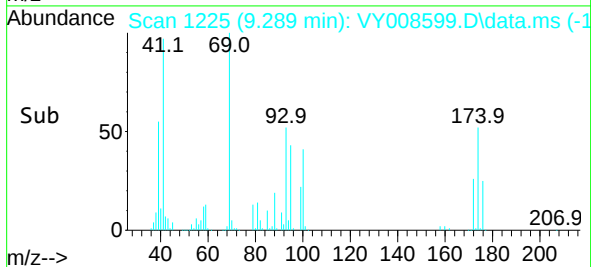
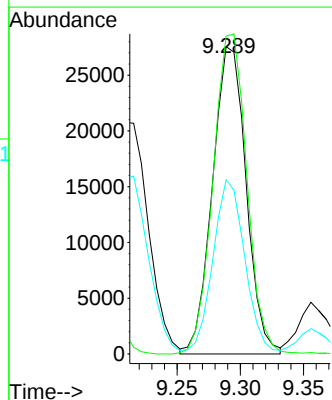
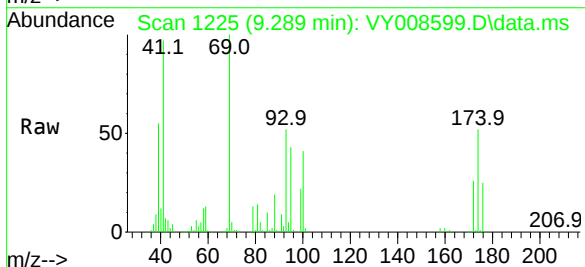
Tgt Ion: 41 Resp: 51008

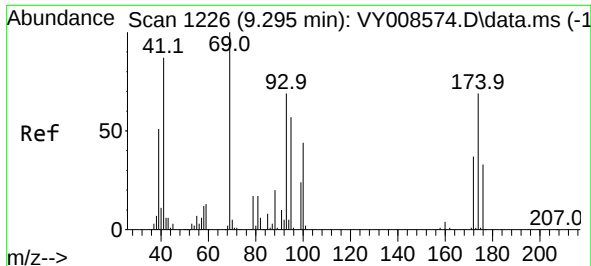
Ion Ratio Lower Upper

41 100

69 104.6 58.2 87.2#

39 51.6 47.4 71.0





#49

1,4-Dioxane

Concen: 997.420 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

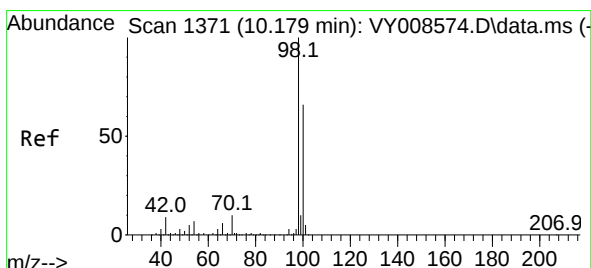
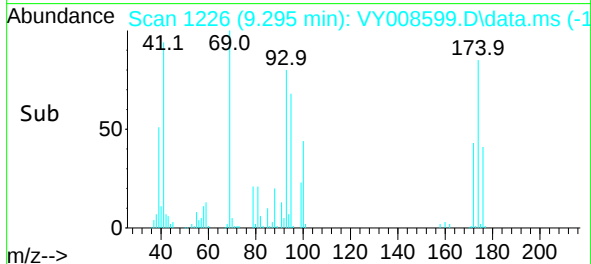
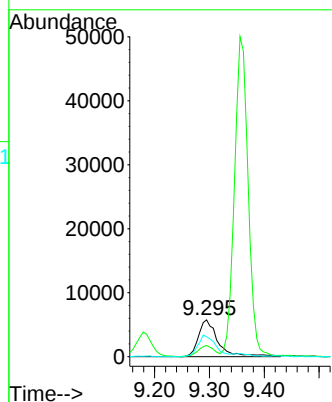
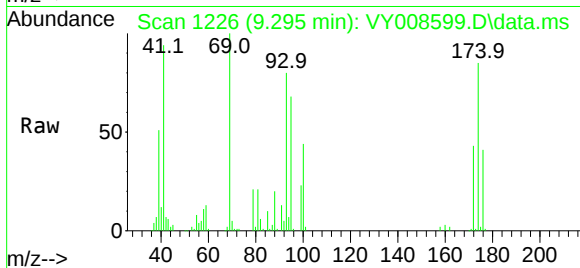
Tgt Ion: 88 Resp: 14429

Ion Ratio Lower Upper

88 100

43 25.3 32.8 49.2#

58 51.9 59.8 89.6#



#50

Toluene-d8

Concen: 52.447 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008599.D

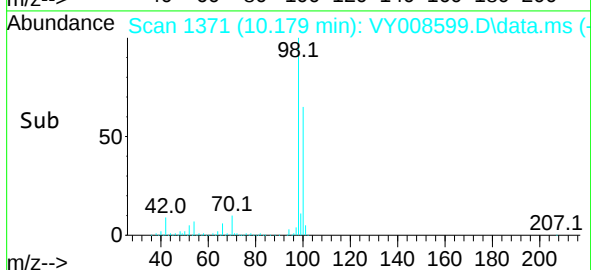
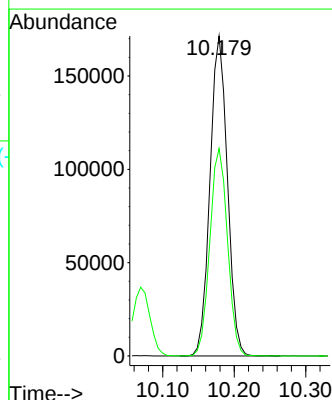
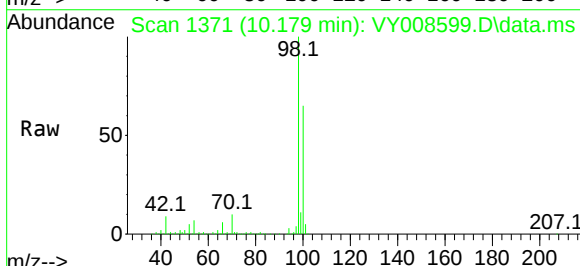
Acq: 03 May 2022 18:02

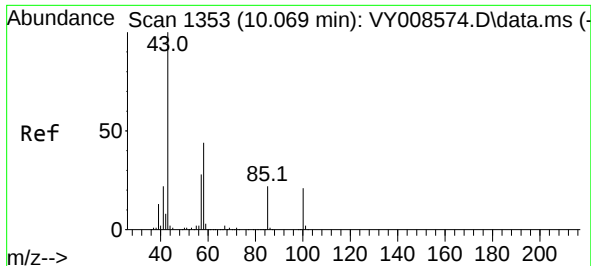
Tgt Ion: 98 Resp: 289818

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

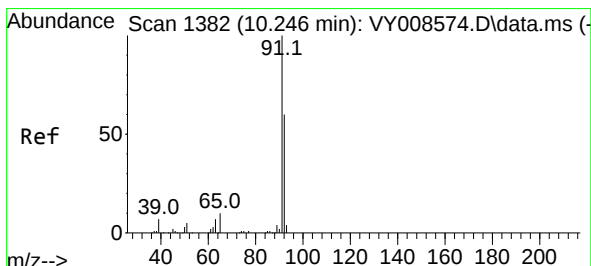
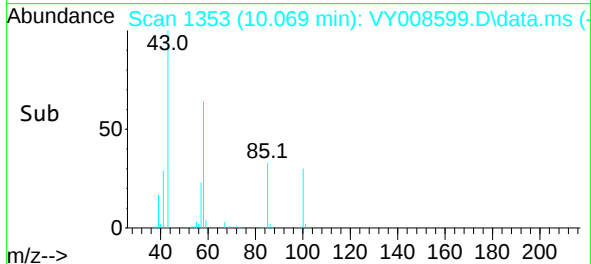
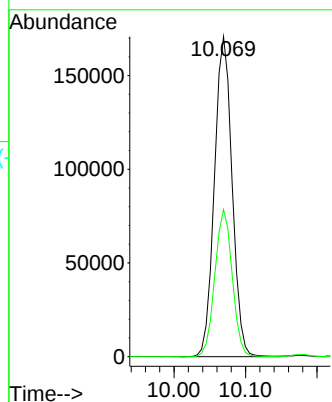
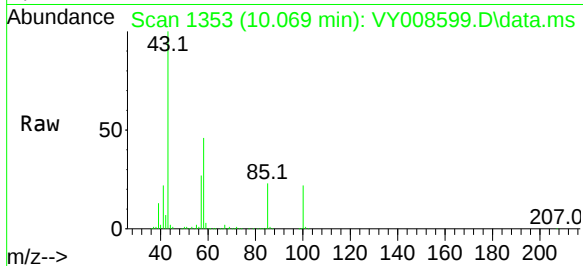




#51
4-Methyl-2-Pentanone
Concen: 247.059 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

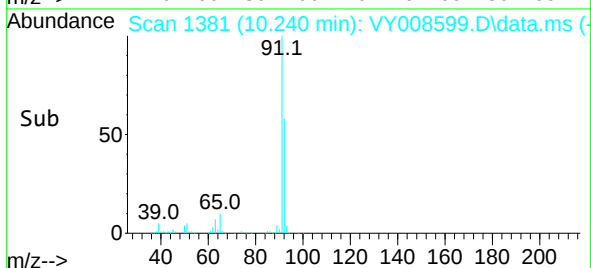
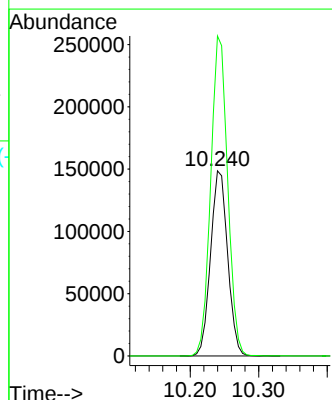
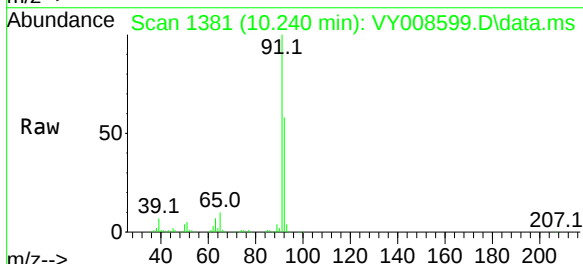
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

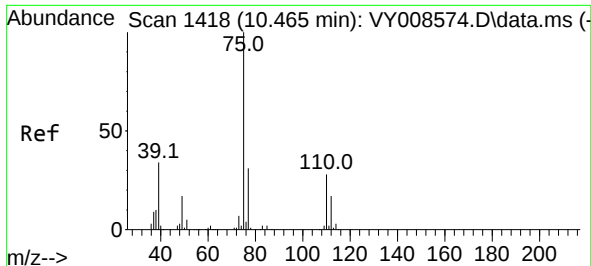
Tgt Ion: 43 Resp: 293473
Ion Ratio Lower Upper
43 100
58 45.1 28.1 42.1#



#52
Toluene
Concen: 54.952 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 92 Resp: 257319
Ion Ratio Lower Upper
92 100
91 171.6 142.6 213.8

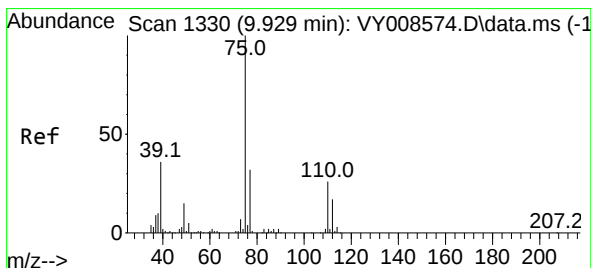
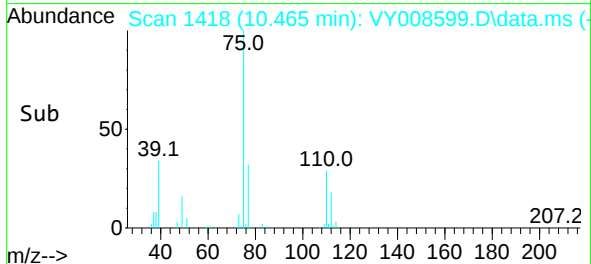
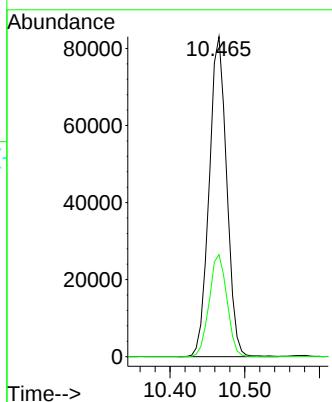
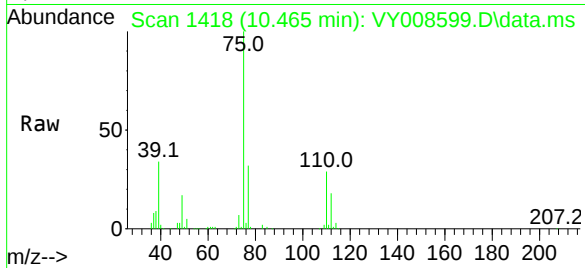




#53
 t-1,3-Dichloropropene
 Concen: 51.537 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

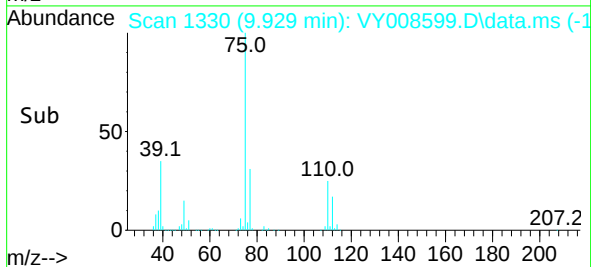
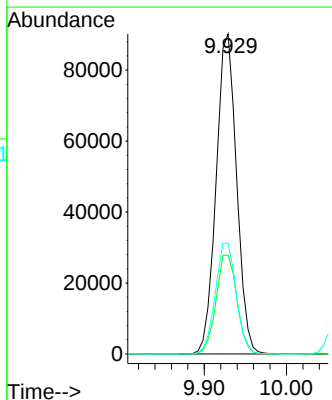
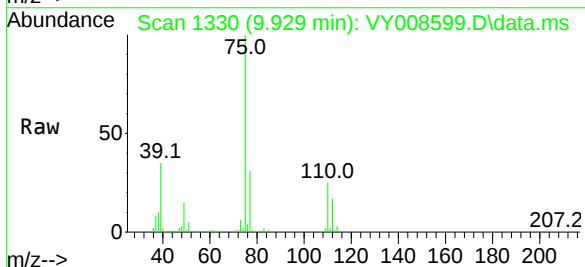
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

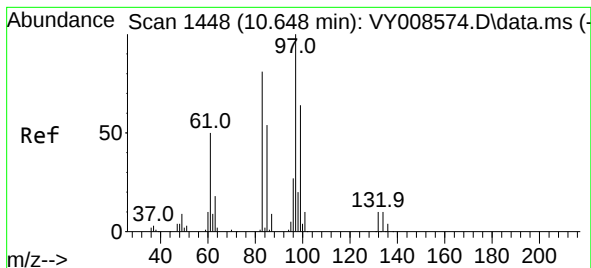
Tgt Ion: 75 Resp: 135443
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 53.521 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

Tgt Ion: 75 Resp: 156269
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4
 39 34.6 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 51.312 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 81579

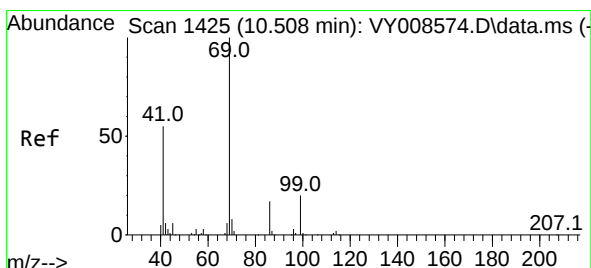
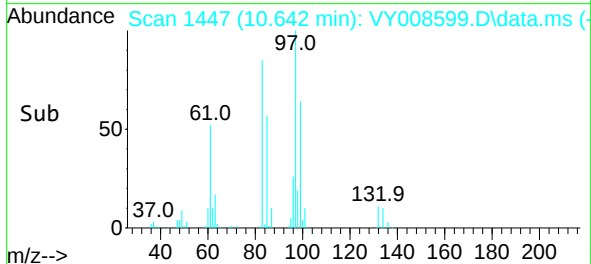
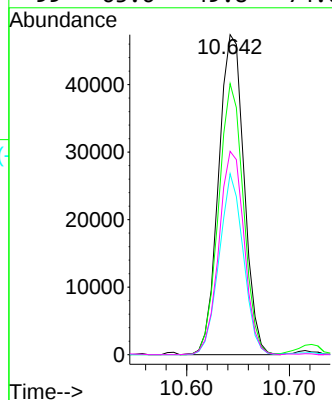
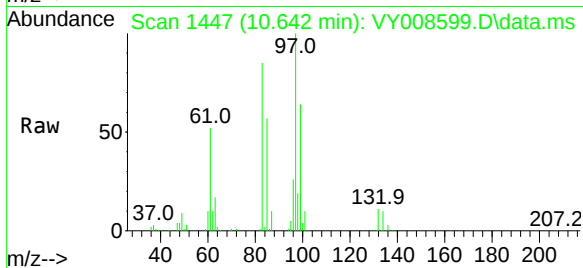
Ion Ratio Lower Upper

97 100

83 84.7 69.8 104.8

85 56.5 44.3 66.5

99 63.6 49.8 74.6



#56

Ethyl methacrylate

Concen: 51.721 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

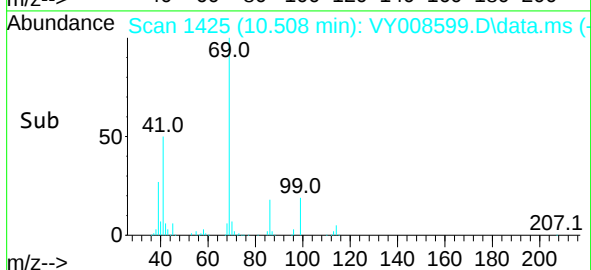
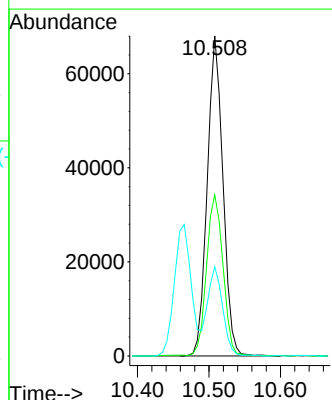
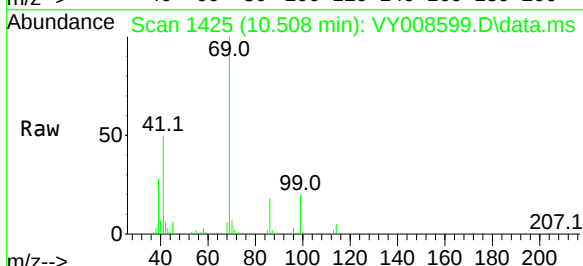
Tgt Ion: 69 Resp: 103876

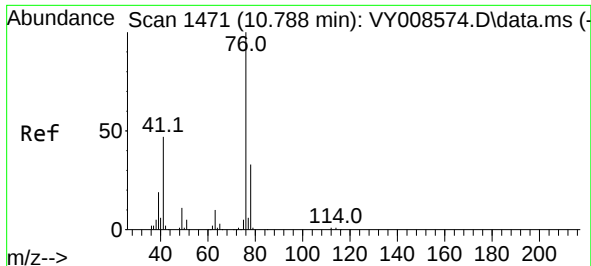
Ion Ratio Lower Upper

69 100

41 52.4 63.4 95.0#

39 26.4 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.610 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

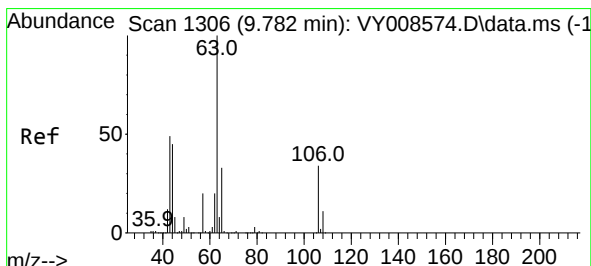
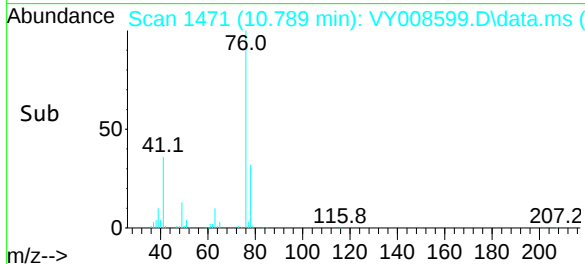
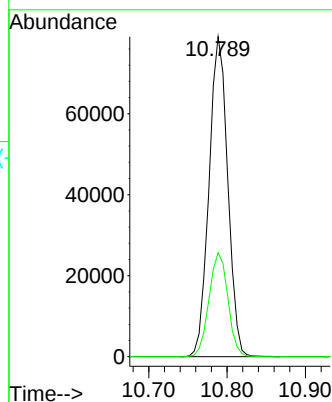
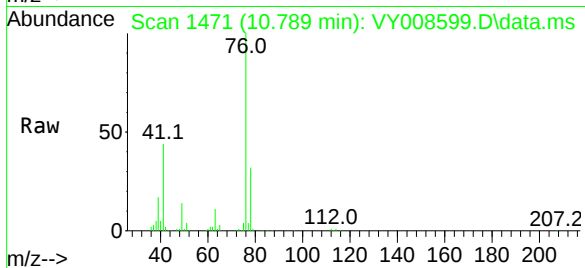
VSTDCCC050EC

Tgt Ion: 76 Resp: 130986

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 245.238 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008599.D

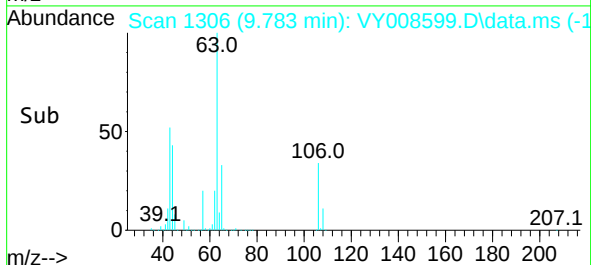
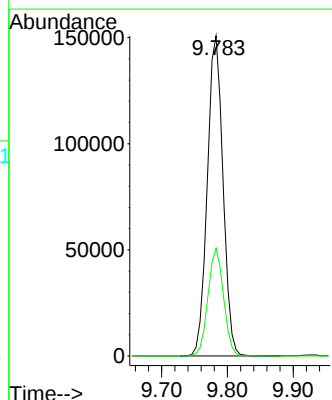
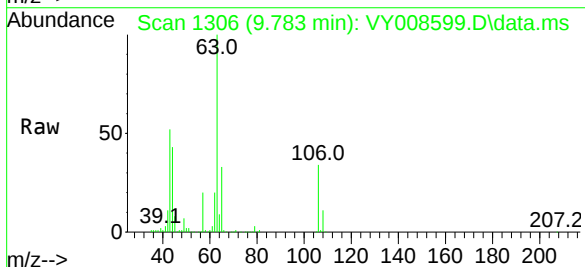
Acq: 03 May 2022 18:02

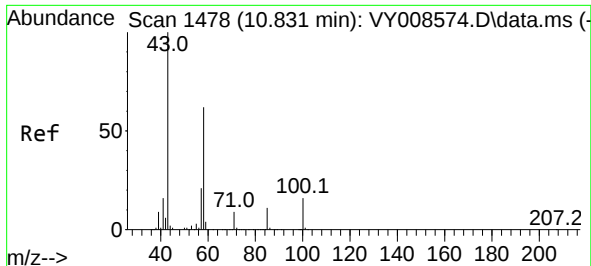
Tgt Ion: 63 Resp: 249986

Ion Ratio Lower Upper

63 100

106 33.4 21.5 32.3#

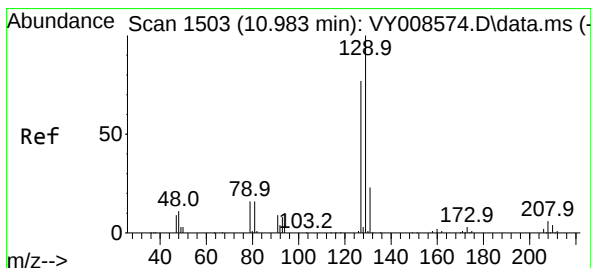
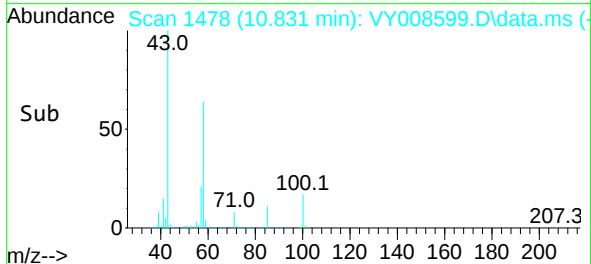
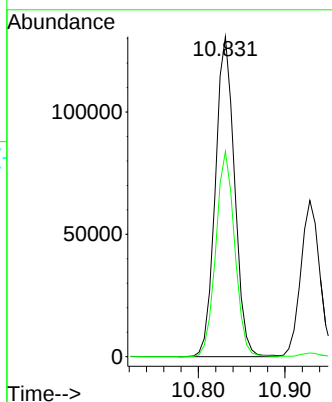
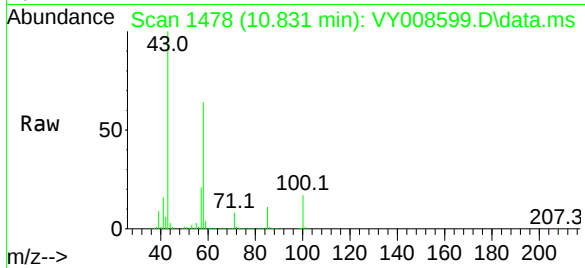




#59
2-Hexanone
Concen: 249.026 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

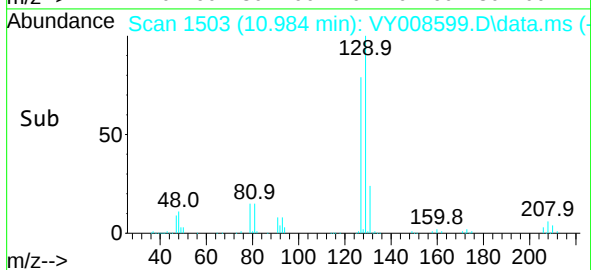
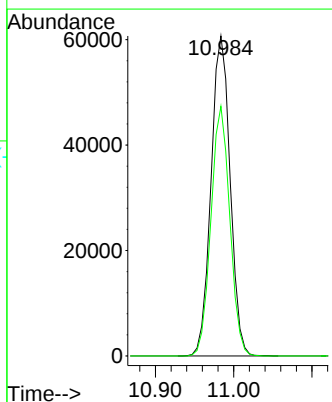
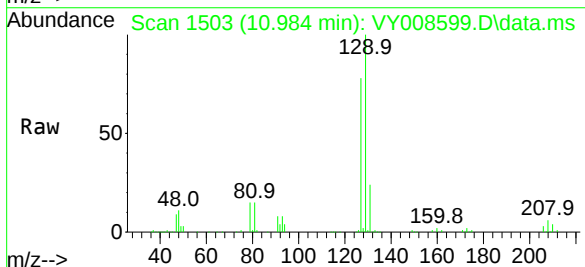
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

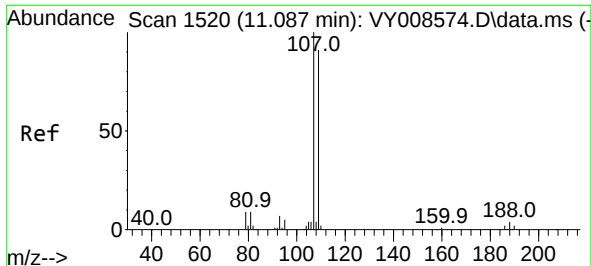
Tgt Ion: 43 Resp: 201449
Ion Ratio Lower Upper
43 100
58 63.0 24.4 73.4



#60
Dibromochloromethane
Concen: 51.656 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 129 Resp: 102729
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

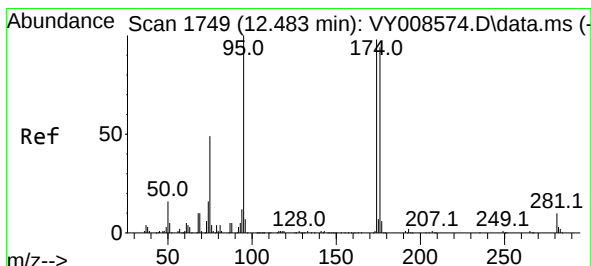
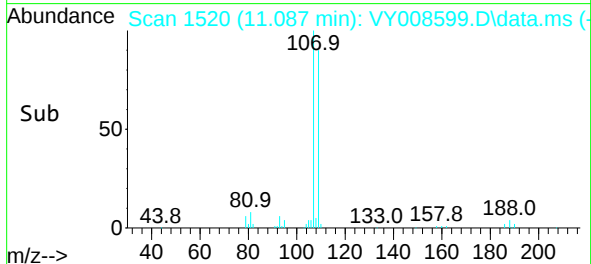
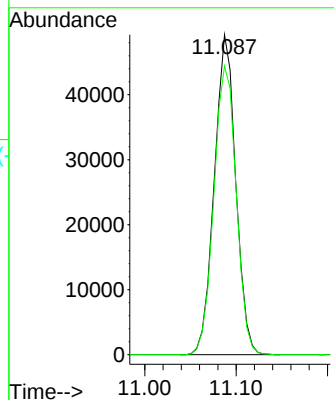
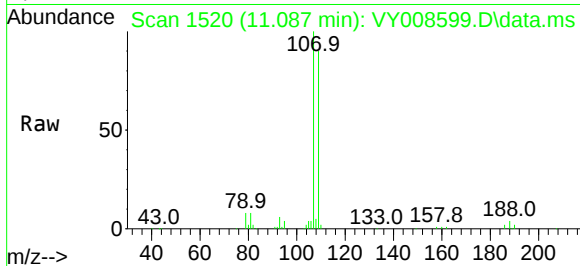




#61
1,2-Dibromoethane
Concen: 49.773 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

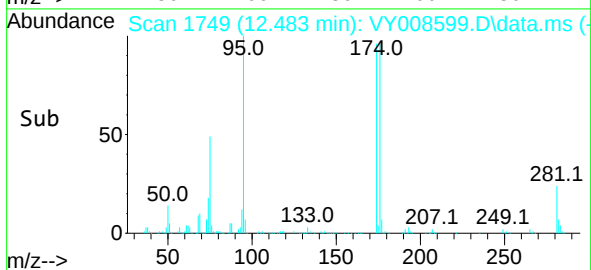
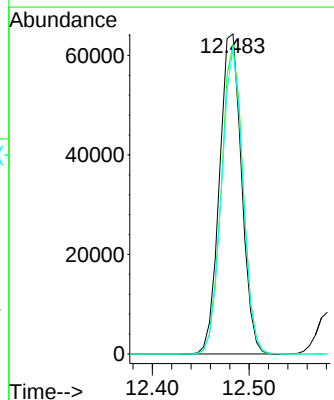
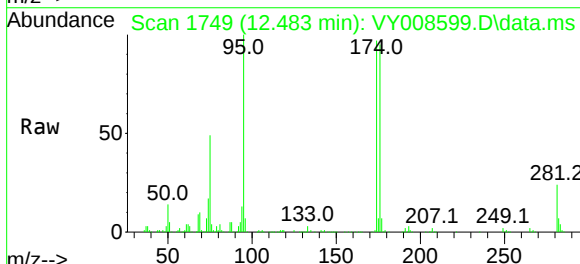
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

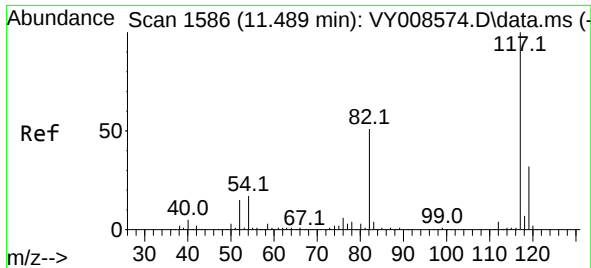
Tgt Ion:107 Resp: 80088
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.240 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 95 Resp: 101755
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 91.9 0.0 175.8

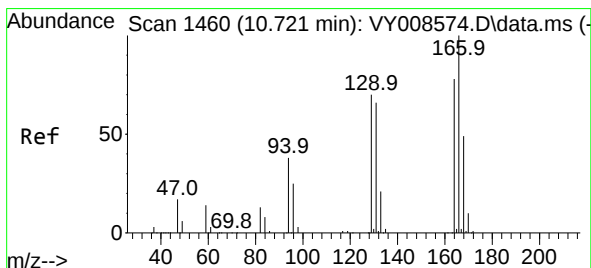
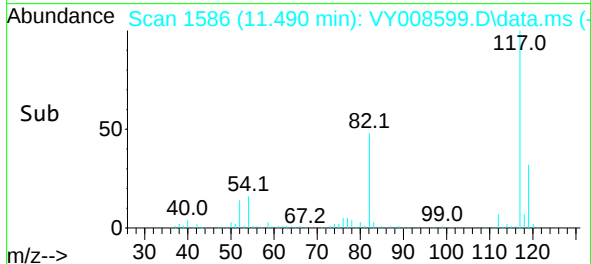
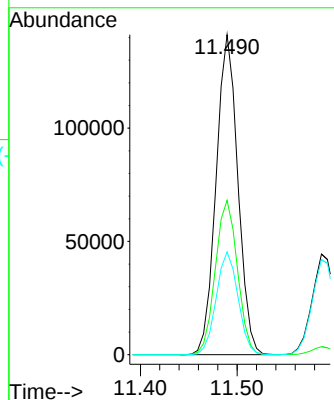
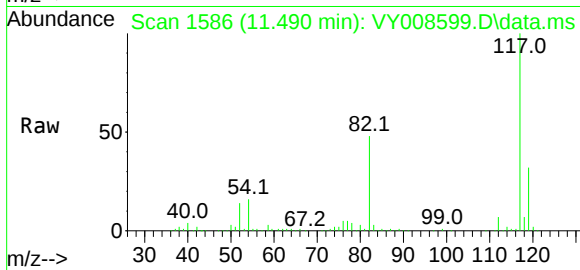




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

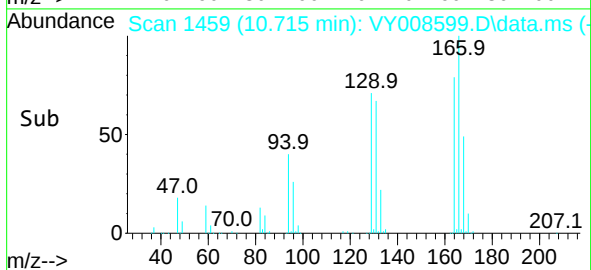
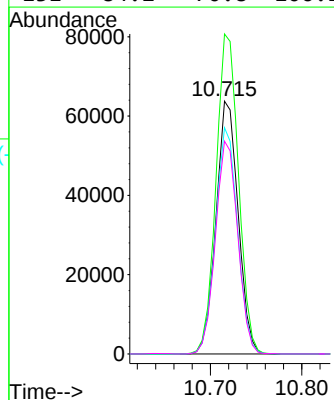
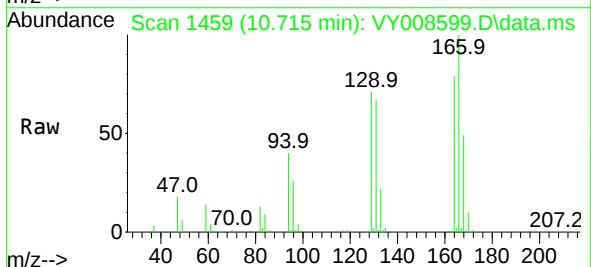
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

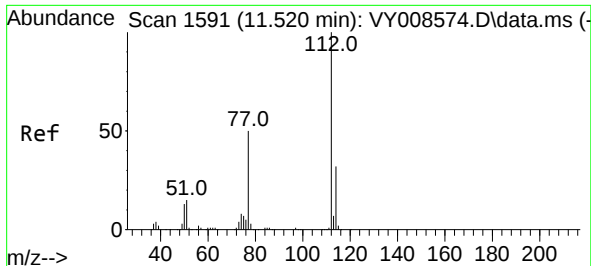
Tgt Ion:117 Resp: 220622
Ion Ratio Lower Upper
117 100
82 48.2 43.0 64.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 53.285 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion:164 Resp: 107242
Ion Ratio Lower Upper
164 100
166 126.6 100.4 150.6
129 89.5 71.4 107.0
131 84.2 70.8 106.2

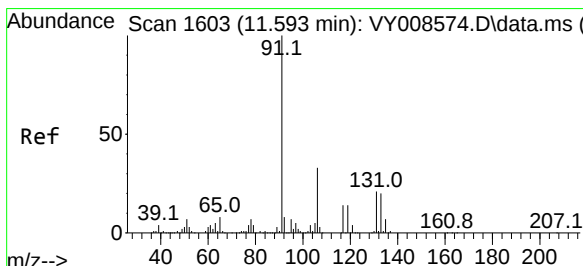
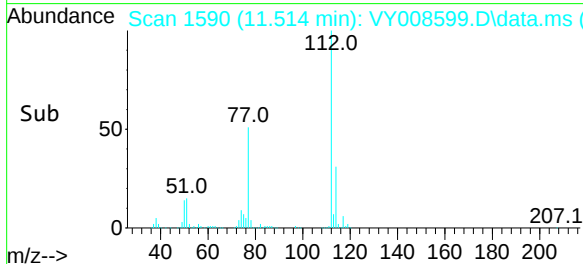
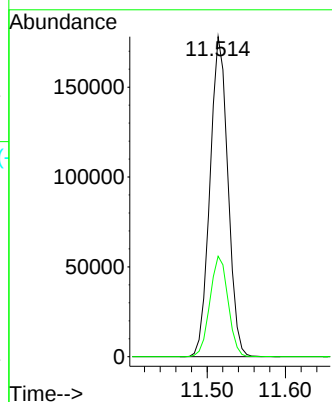
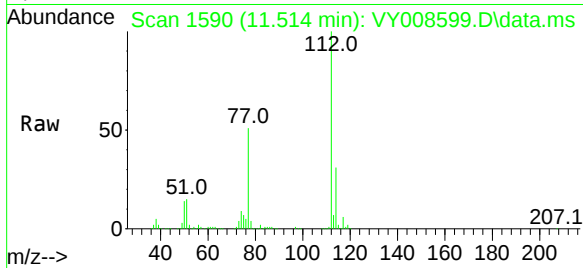




#65
Chlorobenzene
Concen: 53.305 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

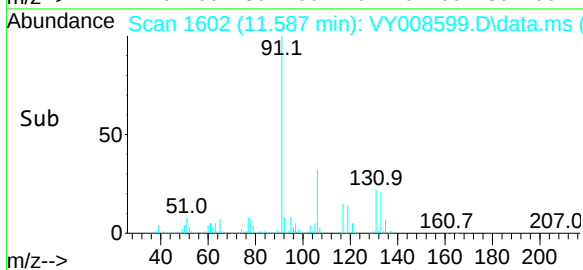
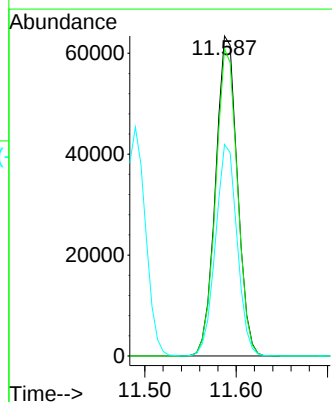
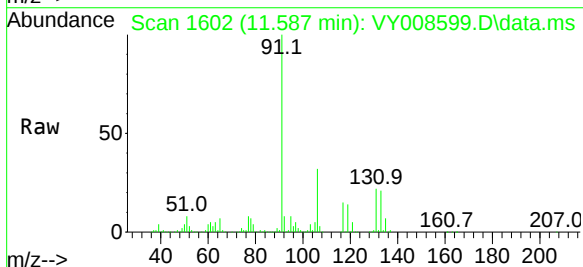
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

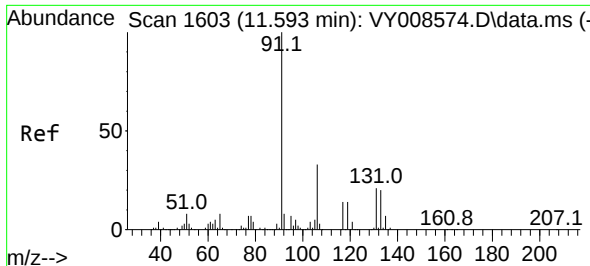
Tgt Ion:112 Resp: 283278
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.373 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion:131 Resp: 105077
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 65.6 30.8 92.3





#67

Ethyl Benzene

Concen: 55.241 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

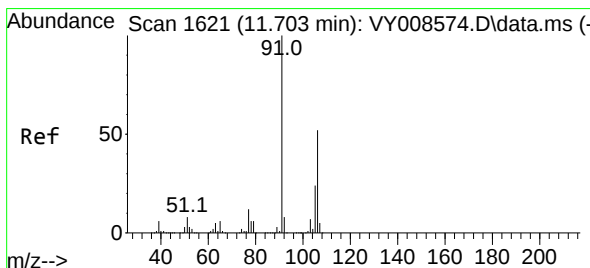
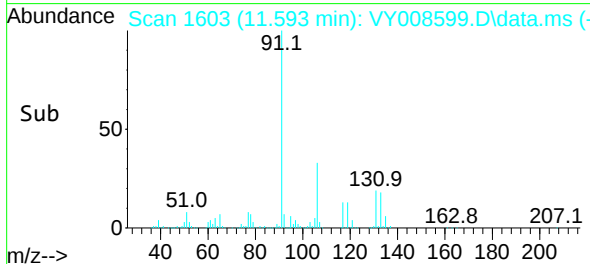
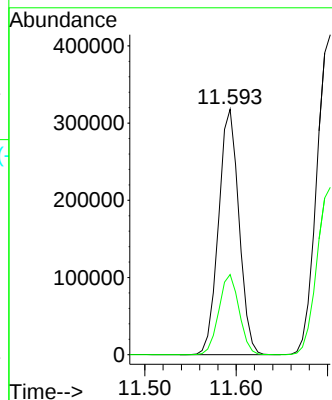
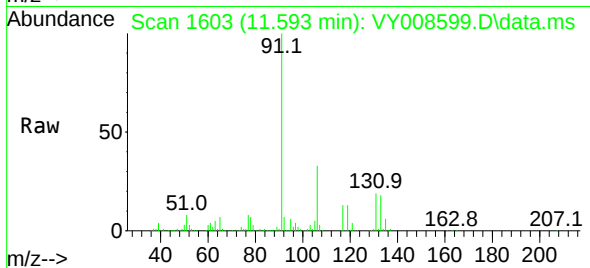
VSTDCCC050EC

Tgt Ion: 91 Resp: 493878

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 109.559 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008599.D

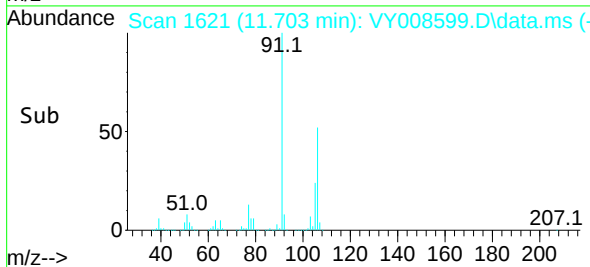
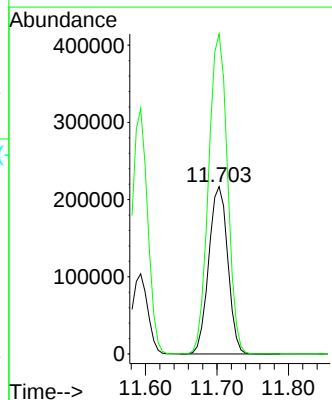
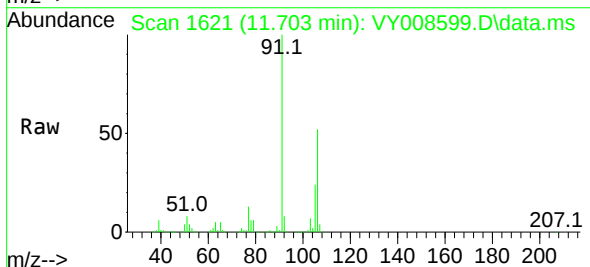
Acq: 03 May 2022 18:02

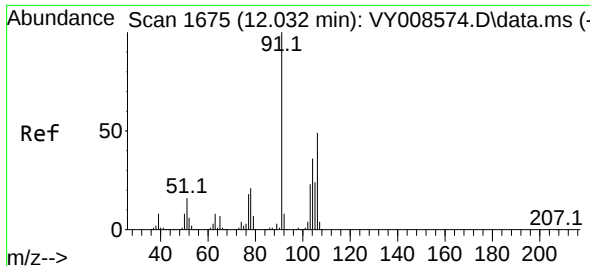
Tgt Ion: 106 Resp: 400137

Ion Ratio Lower Upper

106 100

91 190.1 166.6 249.8

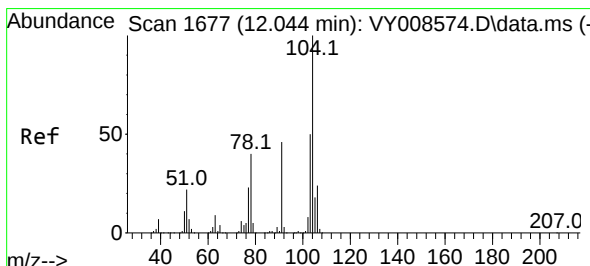
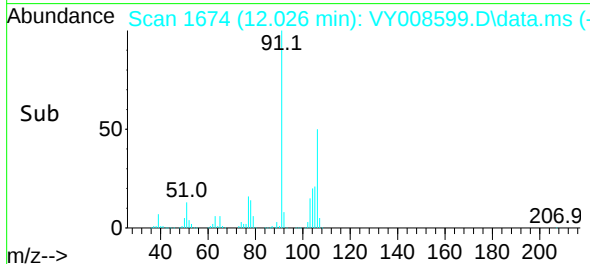
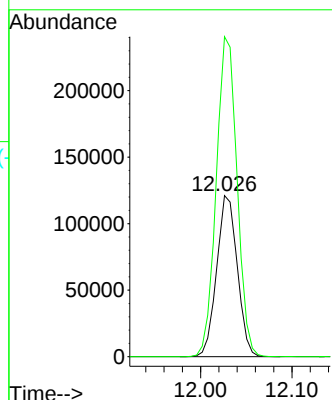
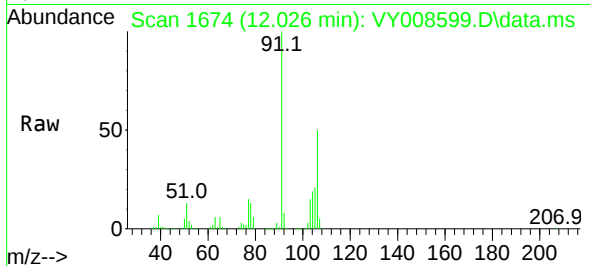




#69
o-Xylene
Concen: 54.210 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

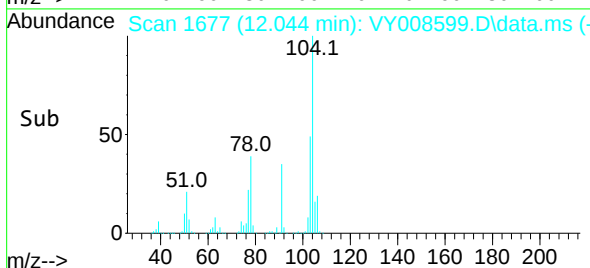
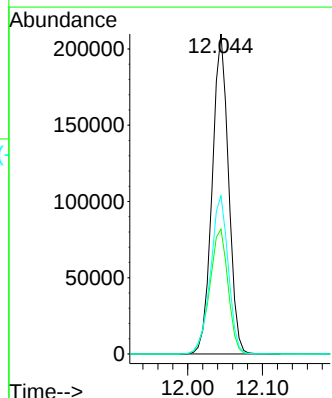
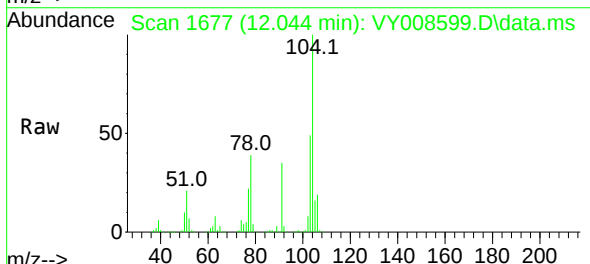
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

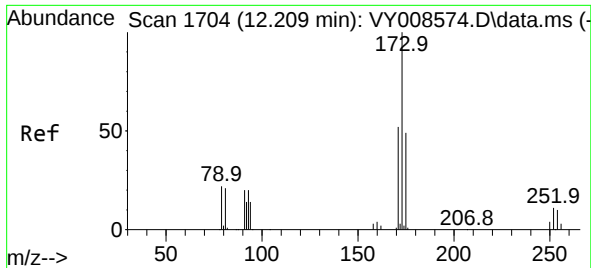
Tgt Ion:106 Resp: 189749
Ion Ratio Lower Upper
106 100
91 200.8 110.3 331.0



#70
Styrene
Concen: 54.729 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion:104 Resp: 318449
Ion Ratio Lower Upper
104 100
78 43.9 42.4 63.6
103 53.4 44.4 66.6

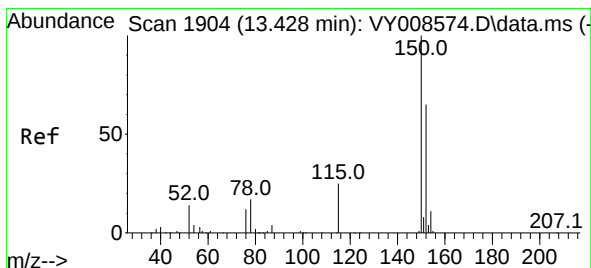
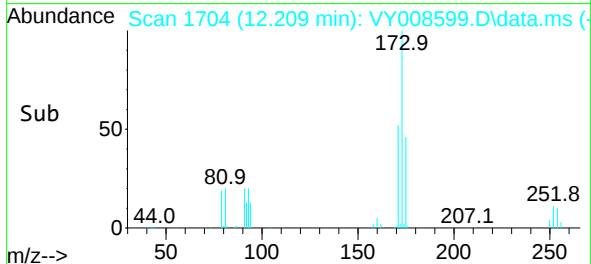
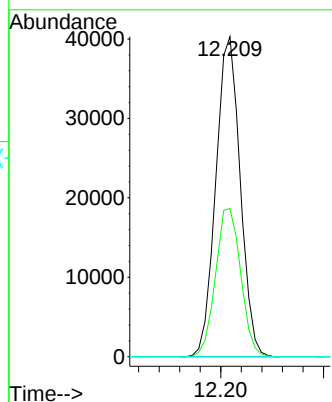
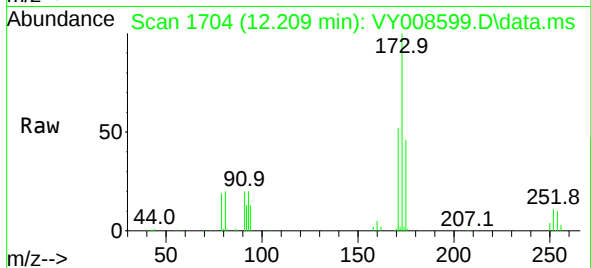




#71
Bromoform
Concen: 49.619 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

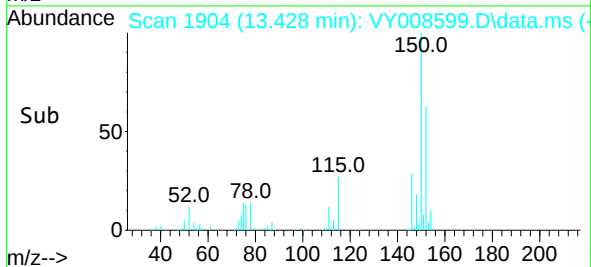
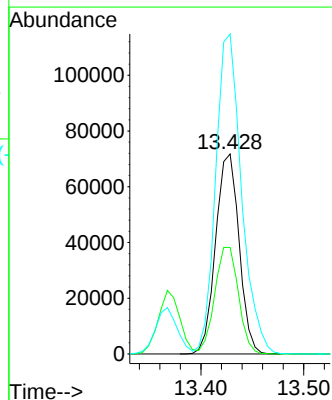
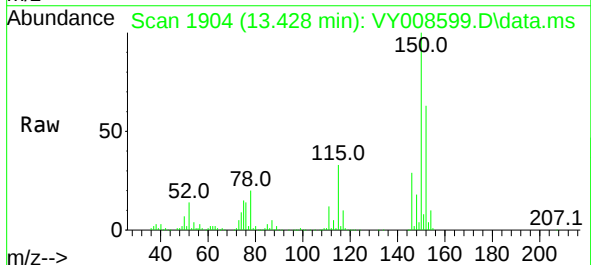
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

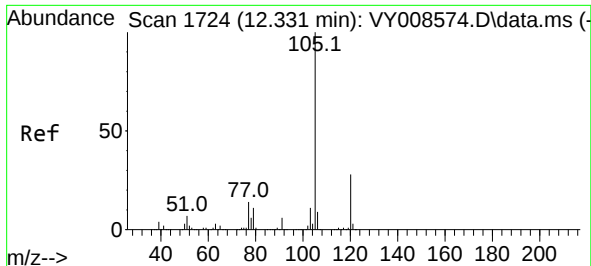
Tgt Ion:173 Resp: 66179
Ion Ratio Lower Upper
173 100
175 47.9 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion:152 Resp: 113697
Ion Ratio Lower Upper
152 100
115 53.7 28.2 84.7
150 176.1 0.0 347.6

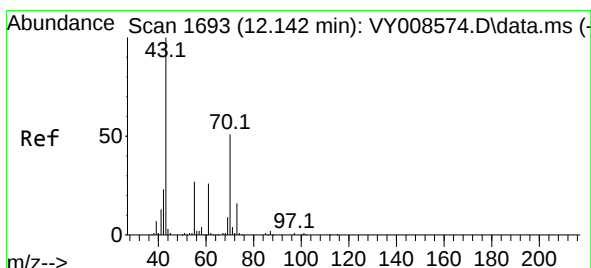
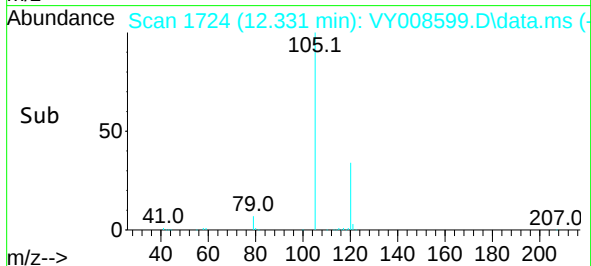
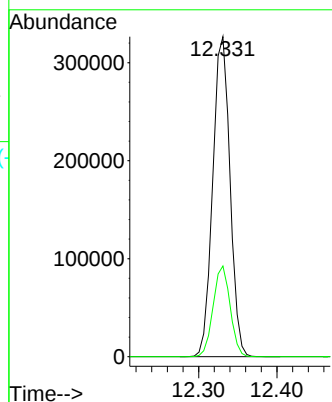
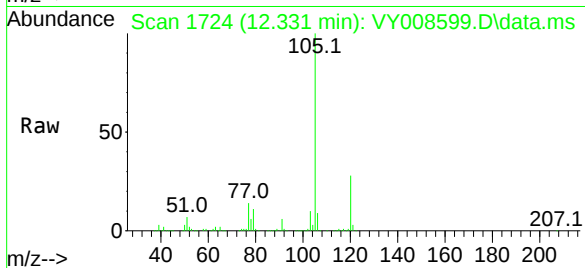




#73
Isopropylbenzene
Concen: 56.260 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

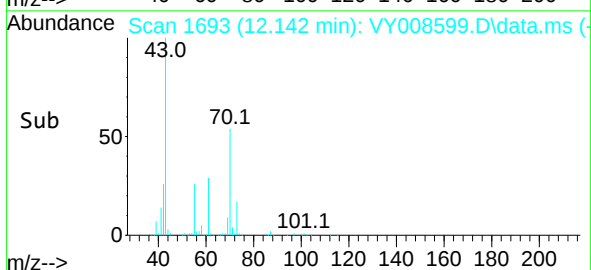
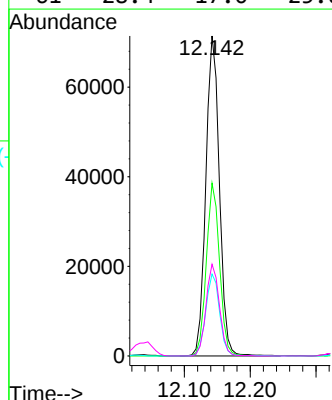
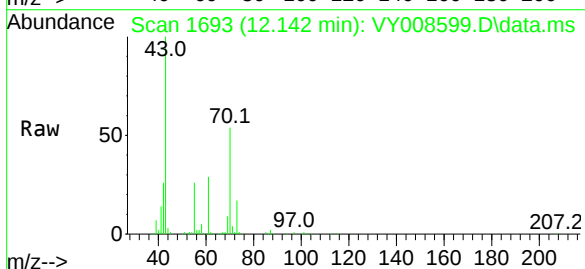
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

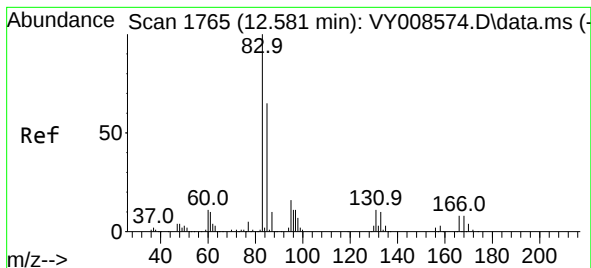
Tgt Ion:105 Resp: 499011
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2



#74
N-ethyl acetate
Concen: 51.669 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 43 Resp: 102418
Ion Ratio Lower Upper
43 100
70 52.7 28.7 43.1#
55 26.0 17.3 25.9#
61 28.4 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 51.558 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

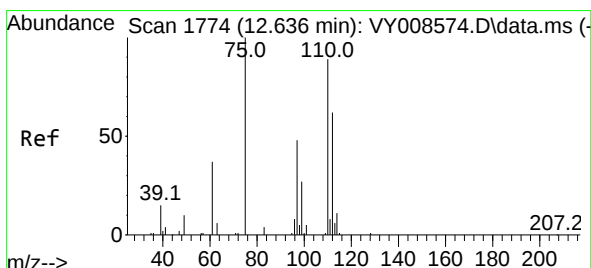
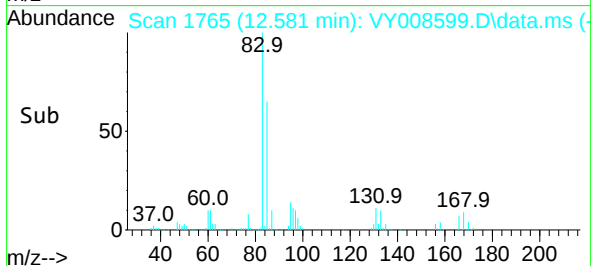
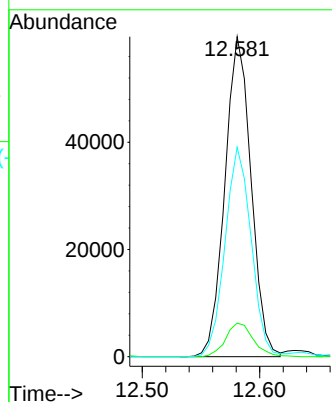
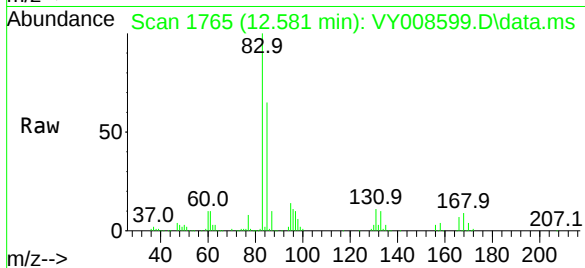
Tgt Ion: 83 Resp: 92541

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 65.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 93.782 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY008599.D

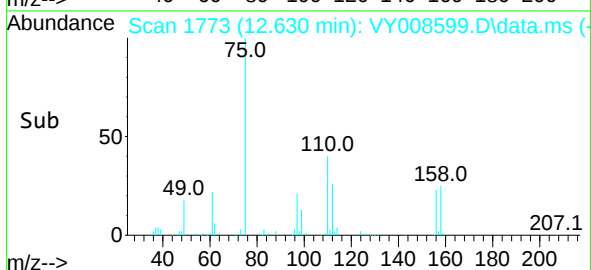
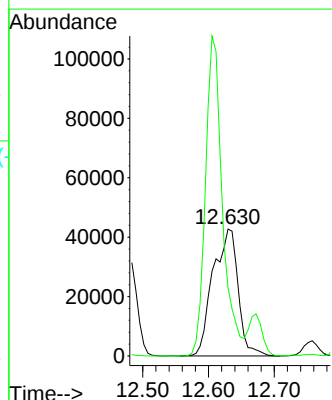
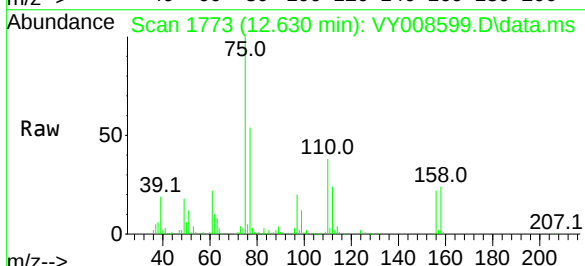
Acq: 03 May 2022 18:02

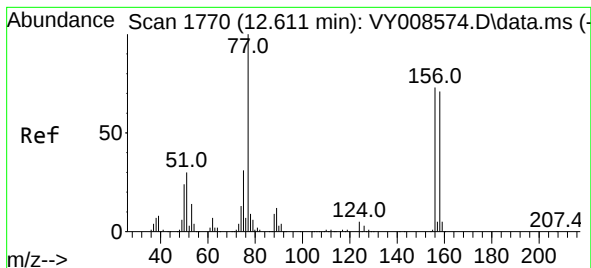
Tgt Ion: 75 Resp: 113822

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.754 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

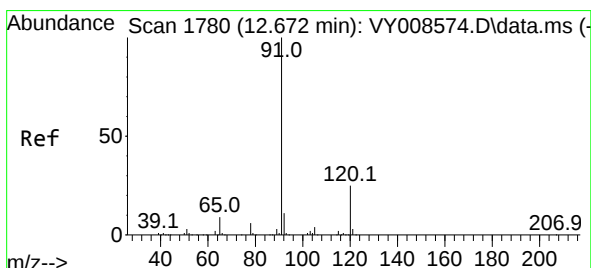
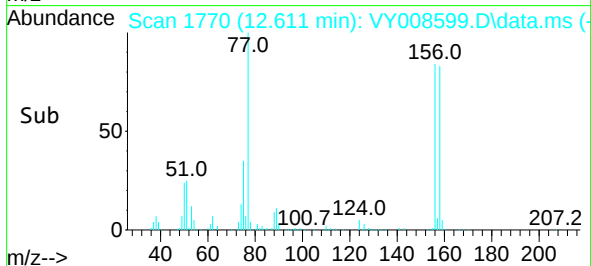
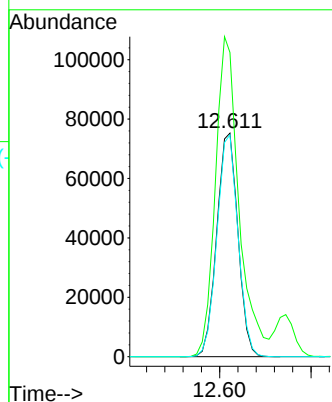
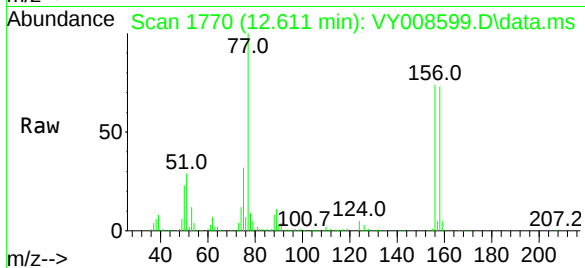
Tgt Ion:156 Resp: 121119

Ion Ratio Lower Upper

156 100

77 160.1 95.5 286.4

158 98.7 48.0 144.0



#78

n-propylbenzene

Concen: 56.965 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008599.D

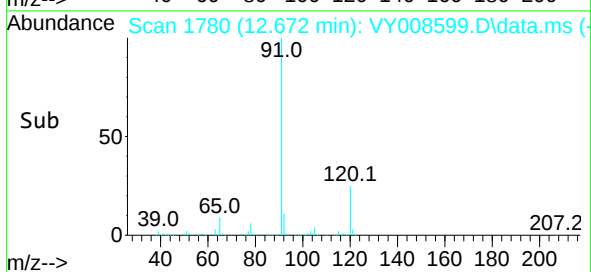
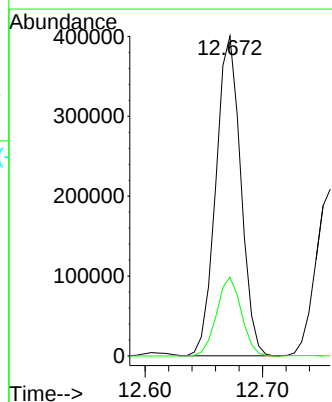
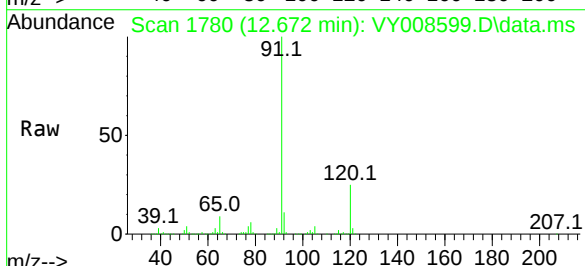
Acq: 03 May 2022 18:02

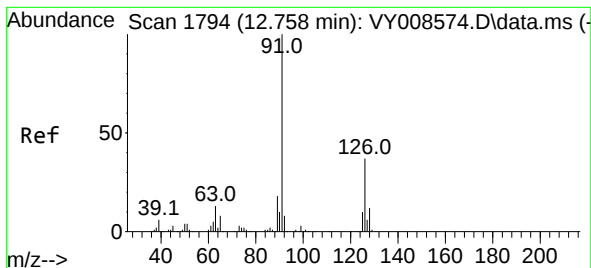
Tgt Ion: 91 Resp: 587975

Ion Ratio Lower Upper

91 100

120 24.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 55.070 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

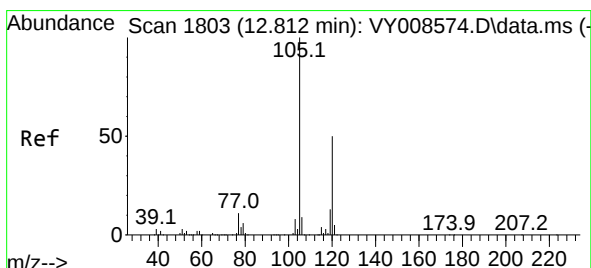
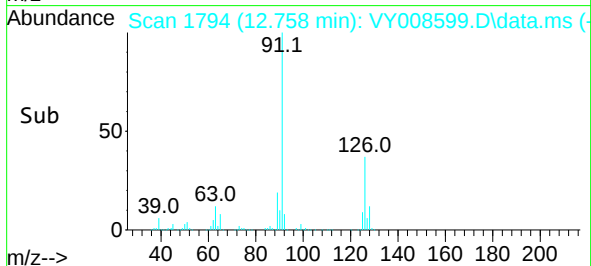
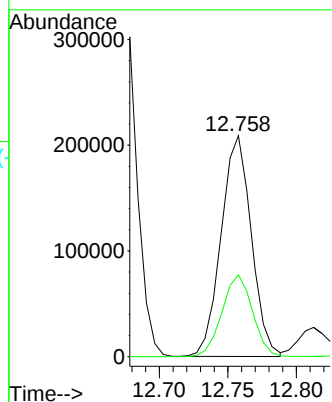
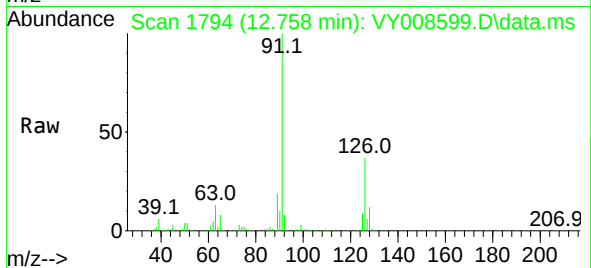
VSTDCCC050EC

Tgt Ion: 91 Resp: 320029

Ion Ratio Lower Upper

91 100

126 37.4 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 55.910 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008599.D

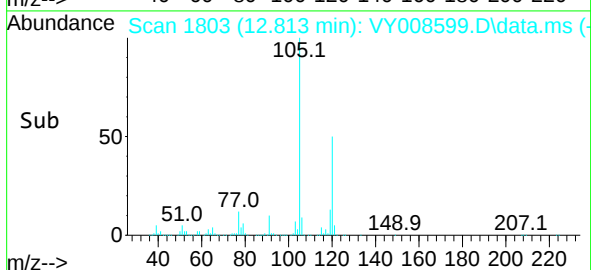
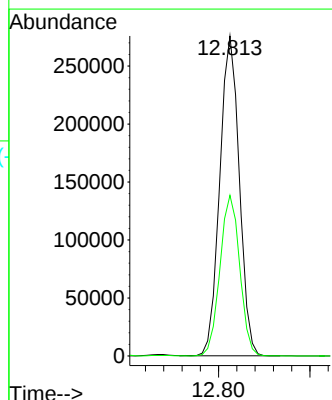
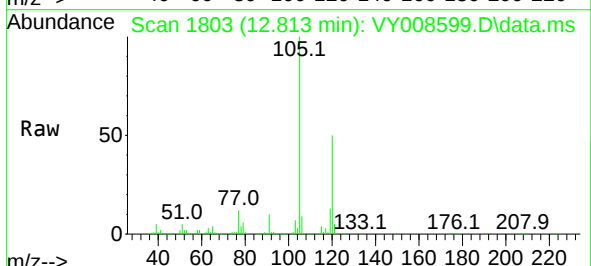
Acq: 03 May 2022 18:02

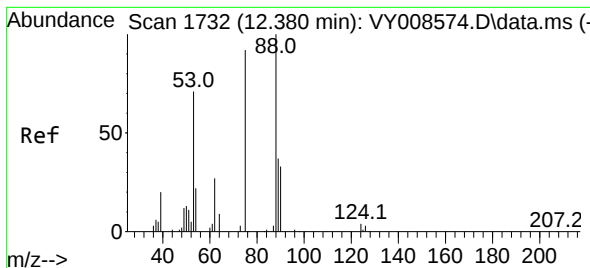
Tgt Ion:105 Resp: 409722

Ion Ratio Lower Upper

105 100

120 50.8 24.4 73.4

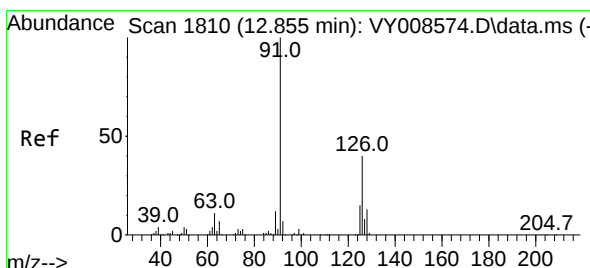
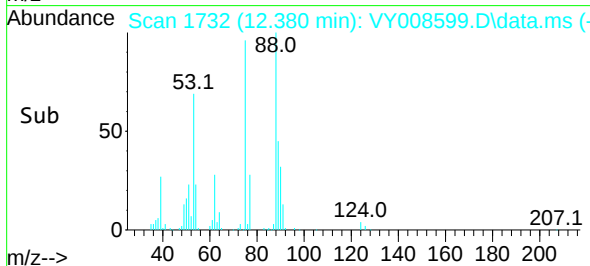
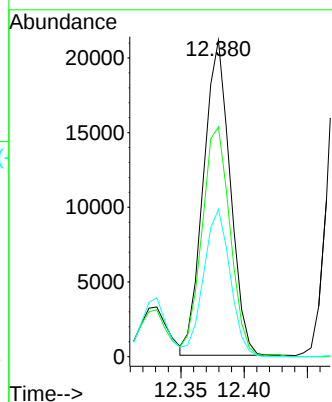
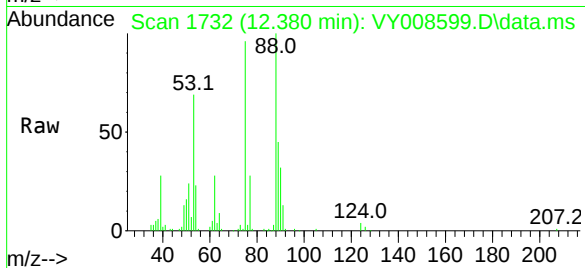




#81
trans-1,4-Dichloro-2-butene
Concen: 51.948 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

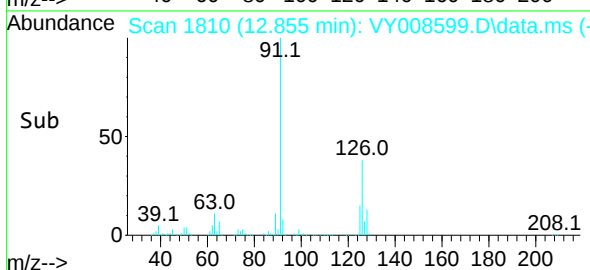
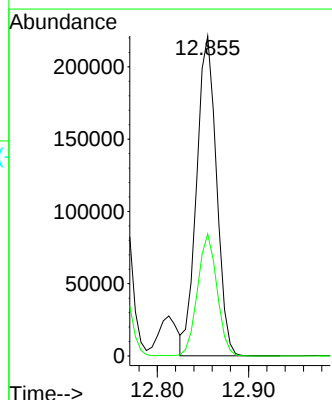
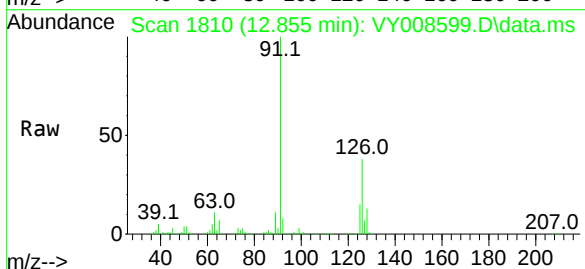
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

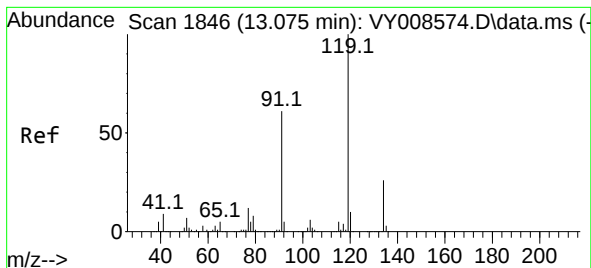
Tgt Ion: 75 Resp: 31098
Ion Ratio Lower Upper
75 100
53 77.0 85.3 127.9#
89 46.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 55.786 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 91 Resp: 333955
Ion Ratio Lower Upper
91 100
126 37.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 56.205 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

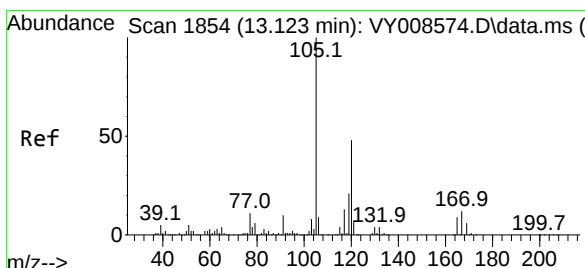
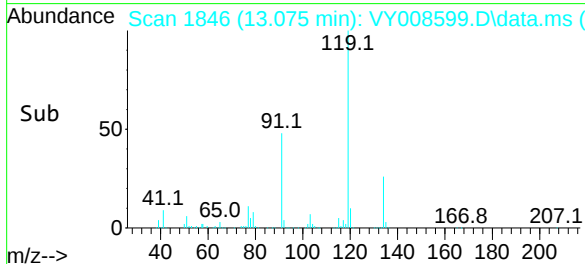
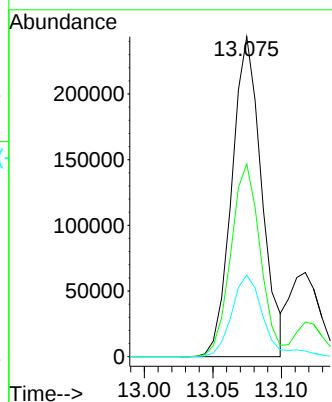
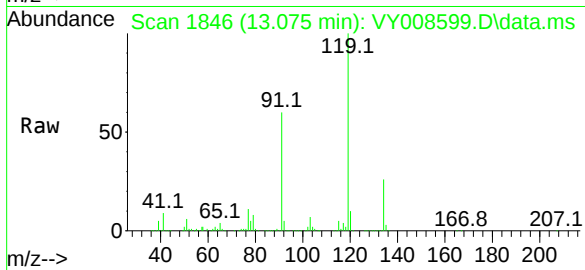
Tgt Ion:119 Resp: 368915

Ion Ratio Lower Upper

119 100

91 59.2 34.8 104.4

134 27.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.091 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY008599.D

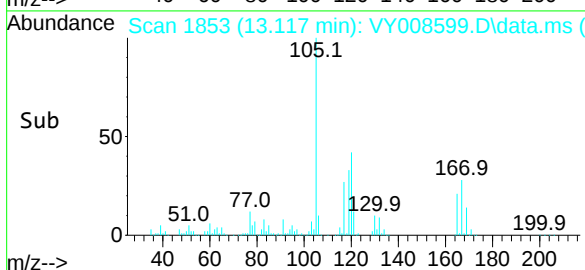
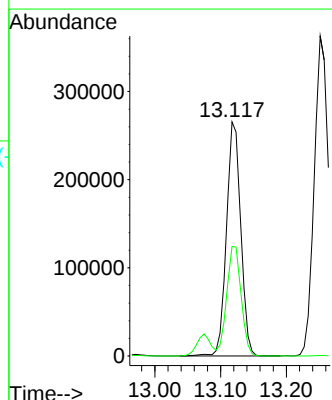
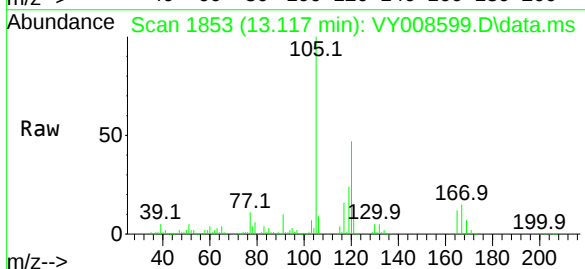
Acq: 03 May 2022 18:02

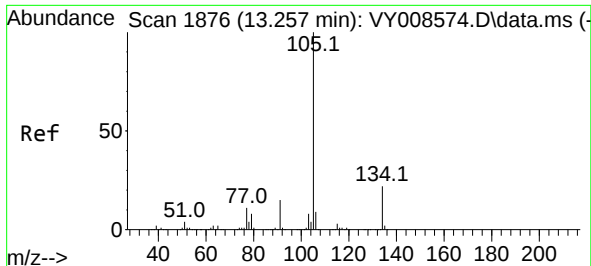
Tgt Ion:105 Resp: 401272

Ion Ratio Lower Upper

105 100

120 47.4 22.3 66.9

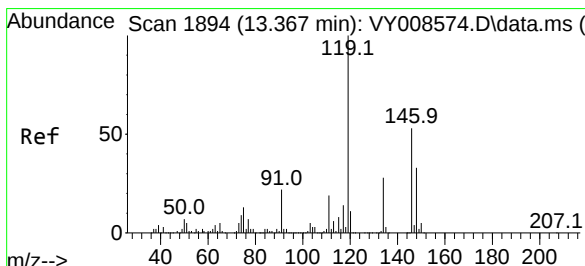
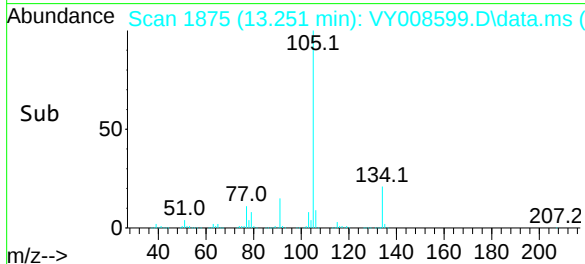
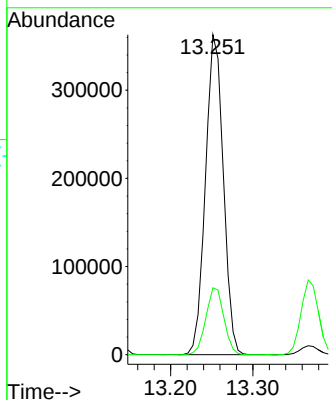
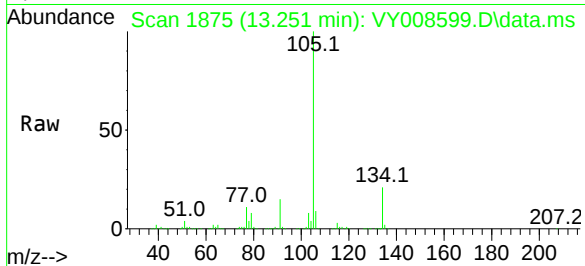




#85
 sec-Butylbenzene
 Concen: 56.519 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

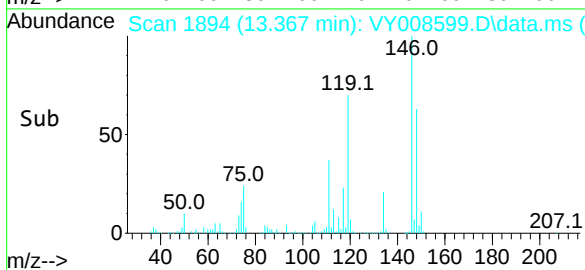
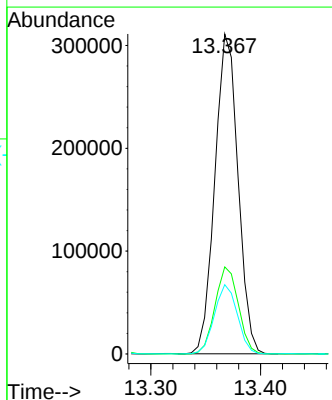
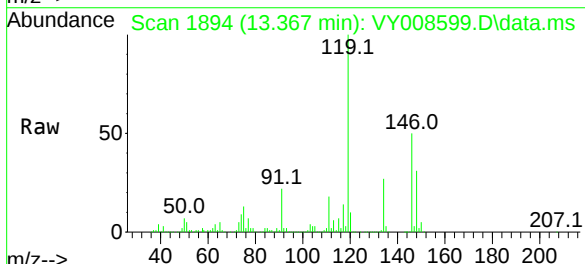
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

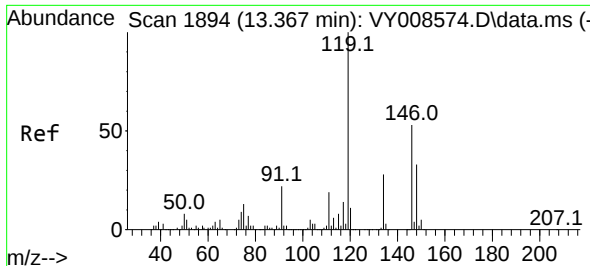
Tgt Ion:105 Resp: 546721
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 55.562 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

Tgt Ion:119 Resp: 456306
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.2 39.5
 91 21.6 12.4 37.2

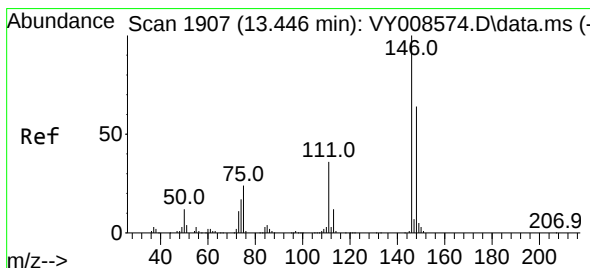
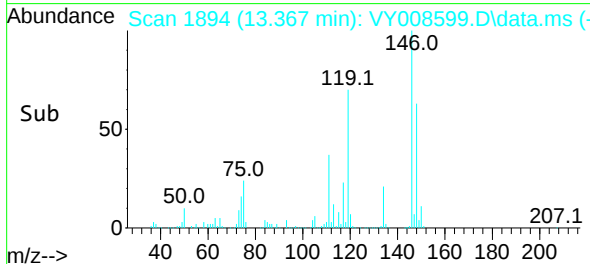
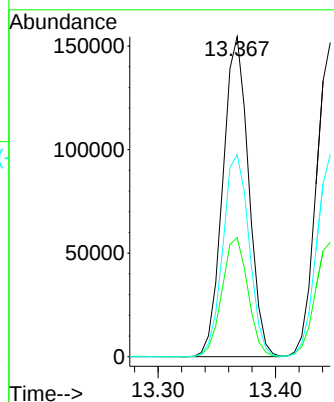
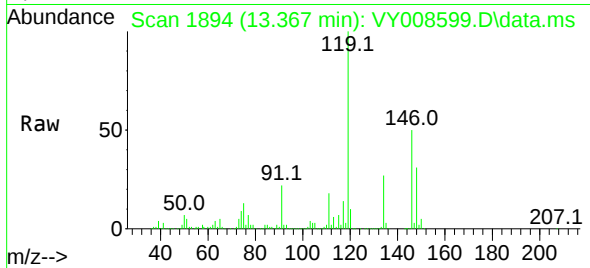




#87
 1,3-Dichlorobenzene
 Concen: 51.960 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

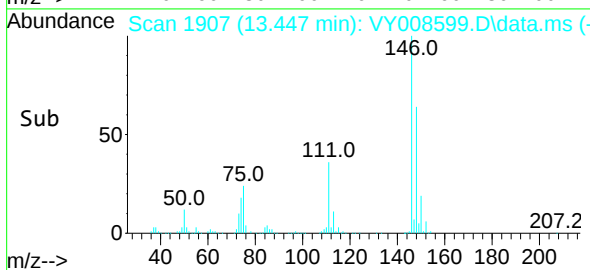
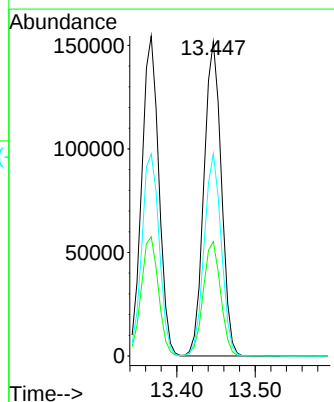
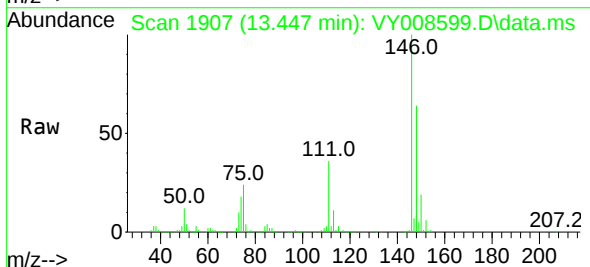
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

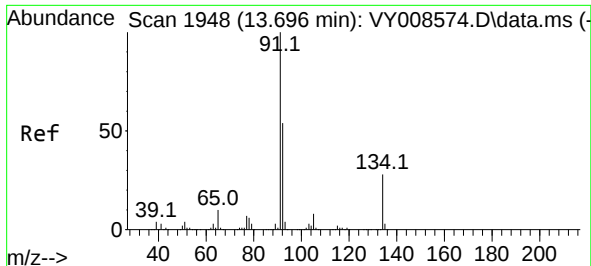
Tgt Ion:146 Resp: 235174
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.5 58.5
 148 64.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 52.364 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008599.D
 Acq: 03 May 2022 18:02

Tgt Ion:146 Resp: 233775
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.3 57.8
 148 63.2 32.6 97.8

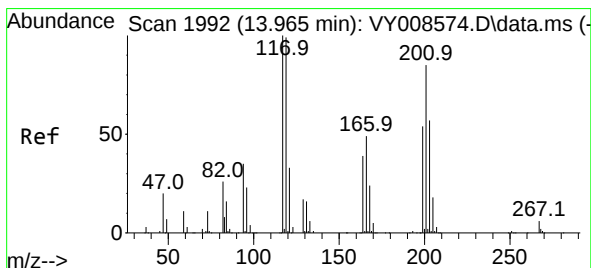
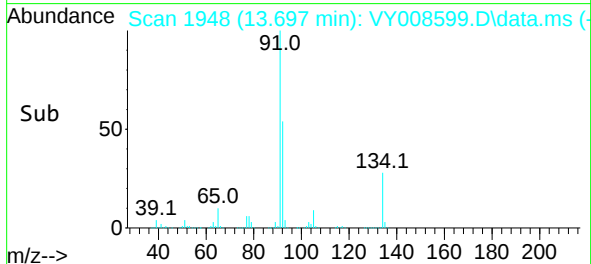
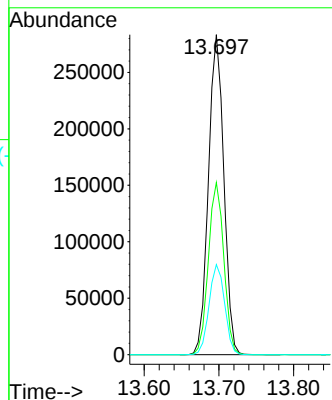
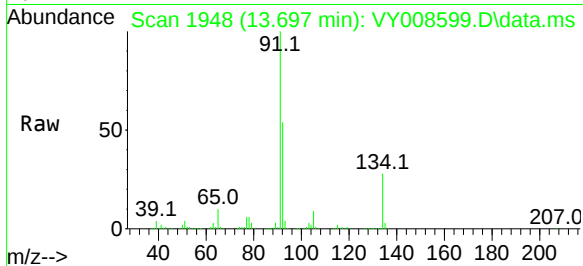




#89
n-Butylbenzene
Concen: 55.977 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

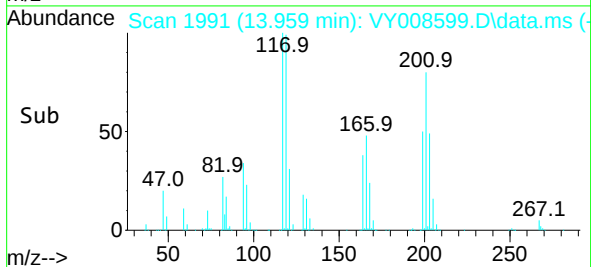
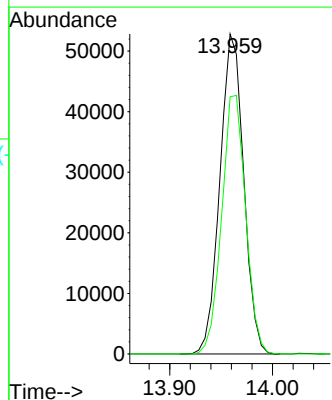
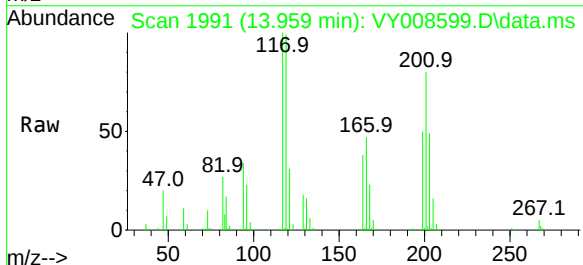
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

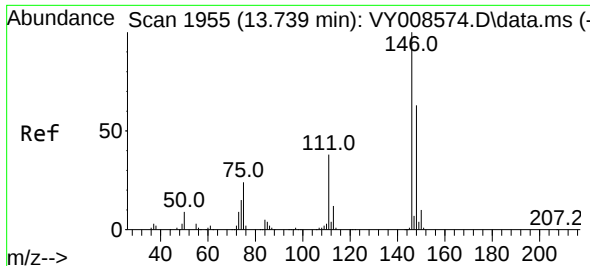
Tgt Ion: 91 Resp: 404935
Ion Ratio Lower Upper
91 100
92 54.1 26.3 78.9
134 28.5 13.0 38.9



#90
Hexachloroethane
Concen: 55.745 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 117 Resp: 84789
Ion Ratio Lower Upper
117 100
201 81.5 43.0 128.8

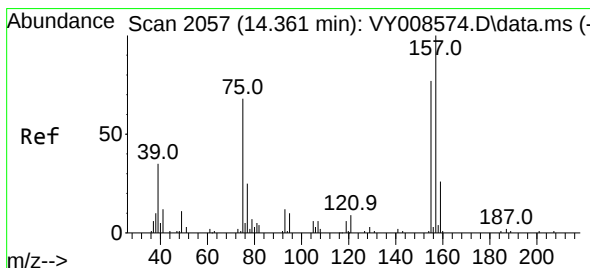
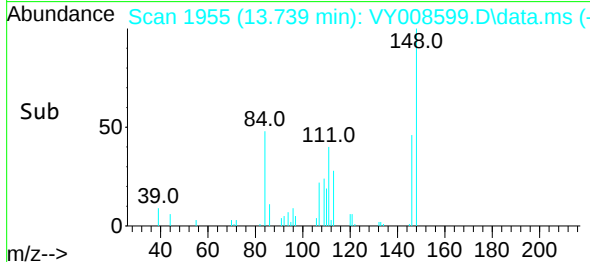
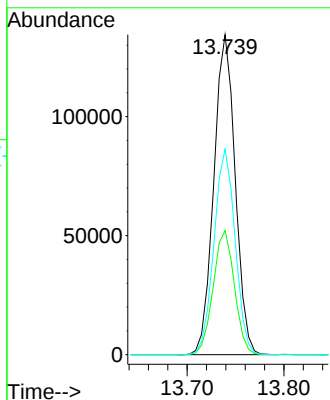
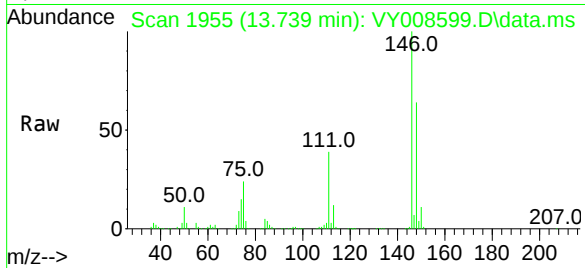




#91
1,2-Dichlorobenzene
Concen: 51.073 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

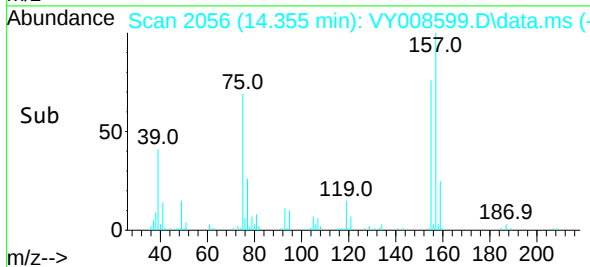
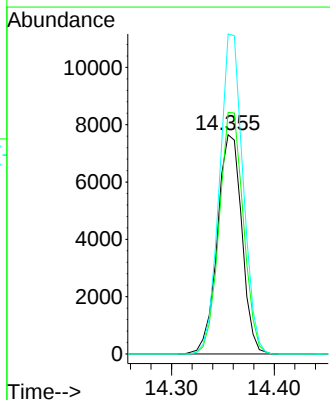
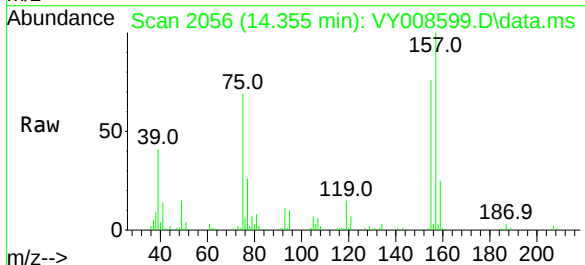
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

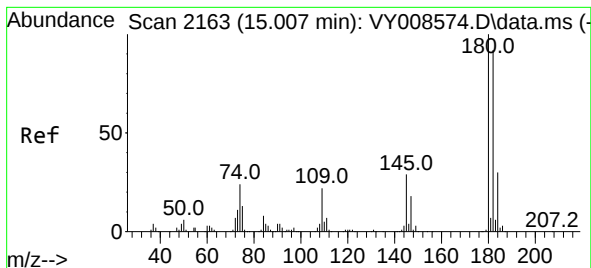
Tgt Ion:146 Resp: 206288
Ion Ratio Lower Upper
146 100
111 38.6 20.3 60.9
148 63.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.291 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008599.D
Acq: 03 May 2022 18:02

Tgt Ion: 75 Resp: 12645
Ion Ratio Lower Upper
75 100
155 108.8 38.0 113.9
157 140.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 49.511 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

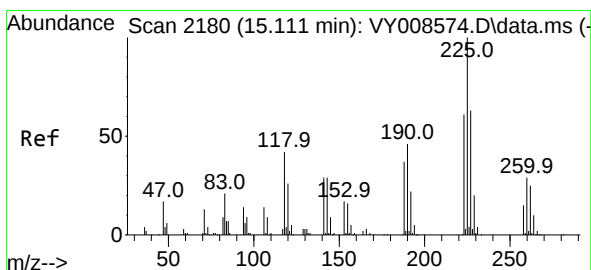
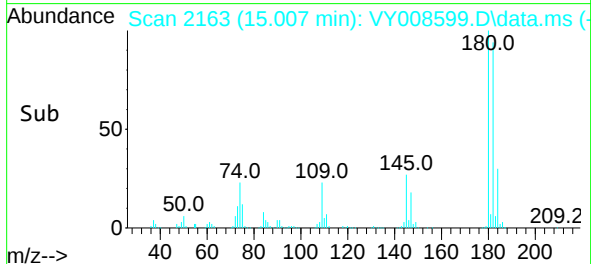
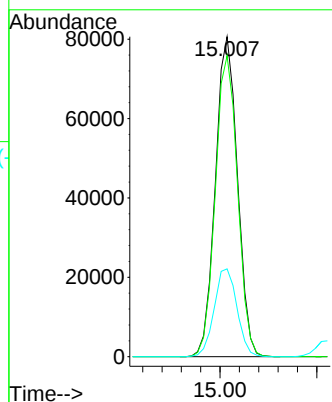
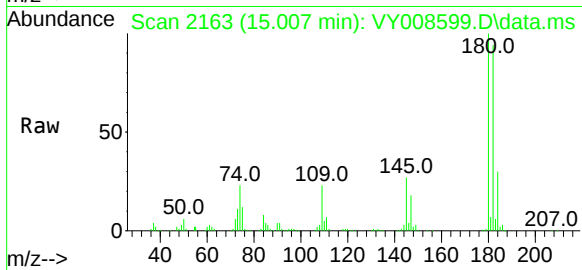
Tgt Ion:180 Resp: 127603

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 28.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.293 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

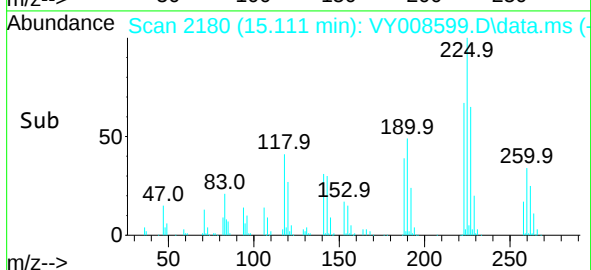
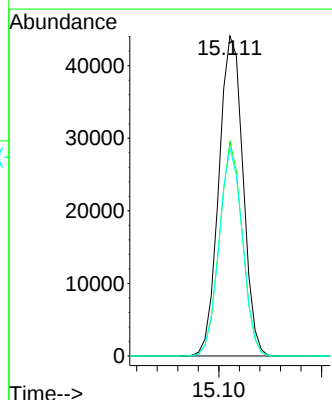
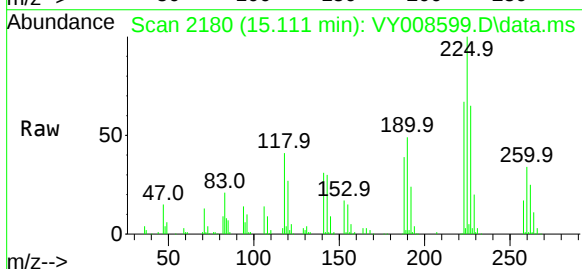
Tgt Ion:225 Resp: 71746

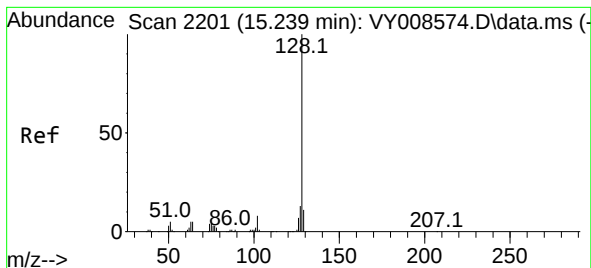
Ion Ratio Lower Upper

225 100

223 63.5 30.8 92.3

227 63.1 31.6 94.7





#95

Naphthalene

Concen: 47.108 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

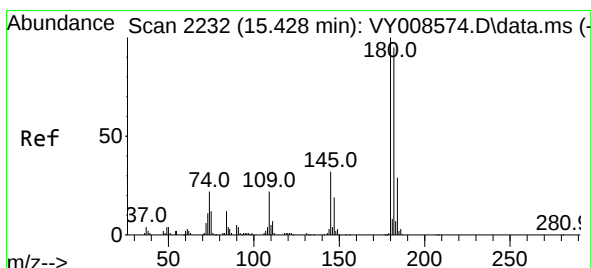
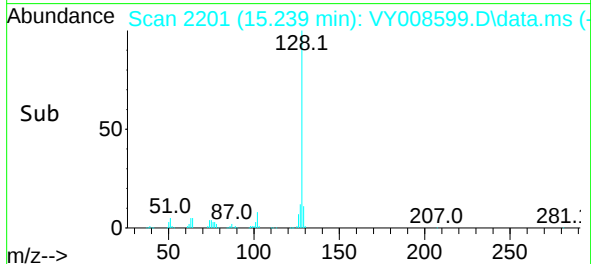
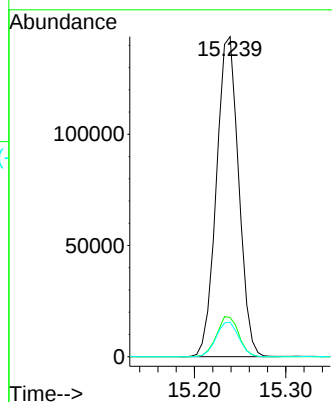
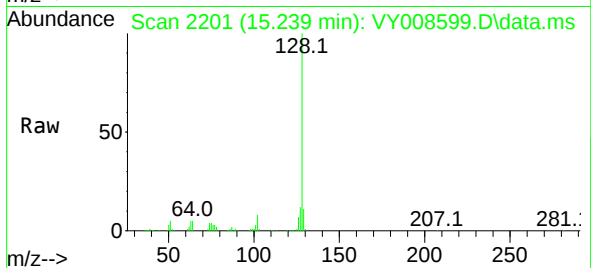
Tgt Ion:128 Resp: 243469

Ion Ratio Lower Upper

128 100

127 12.5 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.217 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008599.D

Acq: 03 May 2022 18:02

Tgt Ion:180 Resp: 108010

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 30.3 15.3 45.9

