

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007336.D
 Acq On : 28 Jan 2022 21:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 00:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	117324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69428	48.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.460%
35) Dibromofluoromethane	7.716	113	65776	48.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.179	98	233048	47.230	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.460%
62) 4-Bromofluorobenzene	12.483	95	84822	48.326	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	21092	51.271	ug/l	99
3) Chloromethane	2.113	50	35888	41.599	ug/l	100
4) Vinyl Chloride	2.260	62	59296	47.225	ug/l	98
5) Bromomethane	2.662	94	42688	52.504	ug/l	96
6) Chloroethane	2.802	64	41487	52.956	ug/l	93
7) Trichlorofluoromethane	3.131	101	75856	56.057	ug/l	98
8) Diethyl Ether	3.528	74	39573	53.107	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	66892	50.737	ug/l	98
10) Methyl Iodide	4.088	142	98165	50.341	ug/l	97
11) Tert butyl alcohol	4.954	59	34184	279.048	ug/l	99
12) 1,1-Dichloroethene	3.875	96	64131	48.306	ug/l	99
13) Acrolein	3.729	56	5456	180.479	ug/l	97
14) Allyl chloride	4.479	41	96450	45.309	ug/l	91
15) Acrylonitrile	5.161	53	104594	292.061	ug/l	100
16) Acetone	3.942	43	86597	231.786	ug/l	99
17) Carbon Disulfide	4.198	76	159298	43.208	ug/l	98
18) Methyl Acetate	4.473	43	71371	53.688	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	138634	53.043	ug/l	99
20) Methylene Chloride	4.716	84	74708	48.358	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	71850	49.921	ug/l	97
22) Diisopropyl ether	6.119	45	218418	50.647	ug/l	98
23) Vinyl Acetate	6.058	43	669680	264.055	ug/l	99
24) 1,1-Dichloroethane	6.021	63	136192	51.915	ug/l	99
25) 2-Butanone	6.984	43	131140	271.490	ug/l	98
26) 2,2-Dichloropropane	6.984	77	94685	49.525	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	86887	53.218	ug/l	99
28) Bromochloromethane	7.332	49	51351	54.115	ug/l	99
29) Tetrahydrofuran	7.344	42	87233	280.937	ug/l	99
30) Chloroform	7.509	83	146434	53.723	ug/l	95
31) Cyclohexane	7.789	56	108168	44.444	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	123748	53.116	ug/l	98
36) 1,1-Dichloropropene	7.917	75	107541	49.862	ug/l	100
37) Ethyl Acetate	7.076	43	60552	54.707	ug/l	98
38) Carbon Tetrachloride	7.899	117	116383	51.302	ug/l	95
39) Methylcyclohexane	9.185	83	126301	47.962	ug/l	98
40) Benzene	8.161	78	300928	52.307	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	84156	132.031	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	97167	53.634	ug/l	99
43) Isopropyl Acetate	8.271	43	118516	55.029	ug/l	98
44) Trichloroethene	8.941	130	80835	51.923	ug/l	95
45) 1,2-Dichloropropane	9.216	63	76148	52.049	ug/l	95
46) Dibromomethane	9.307	93	46454	53.695	ug/l	98
47) Bromodichloromethane	9.496	83	115019	54.079	ug/l	99
48) Methyl methacrylate	9.295	41	52187	53.274	ug/l	95
49) 1,4-Dioxane	9.295	88	12158	1303.355	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	312127	285.824	ug/l	97
52) Toluene	10.246	92	191186	52.427	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	117418	52.299	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	129827	51.659	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	64353	54.839	ug/l	98
56) Ethyl methacrylate	10.508	69	90907	54.988	ug/l	98
57) 1,3-Dichloropropane	10.788	76	111052	54.291	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	166671	221.713	ug/l	100
59) 2-Hexanone	10.831	43	214770	289.794	ug/l	97
60) Dibromochloromethane	10.984	129	79194	54.898	ug/l	100
61) 1,2-Dibromoethane	11.087	107	63657	55.216	ug/l	96
64) Tetrachloroethene	10.721	164	65971	51.453	ug/l	94
65) Chlorobenzene	11.514	112	206812	53.172	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	78213	54.246	ug/l	100
67) Ethyl Benzene	11.593	91	386928	52.929	ug/l	98
68) m/p-Xylenes	11.703	106	285046	104.926	ug/l	99
69) o-Xylene	12.032	106	136510	53.359	ug/l	100
70) Styrene	12.044	104	234884	54.424	ug/l	100
71) Bromoform	12.209	173	47745	57.249	ug/l #	95
73) Isopropylbenzene	12.331	105	366663	51.686	ug/l	99
74) N-amyl acetate	12.142	43	101555	53.535	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	75089	54.434	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	99254	105.979	ug/l #	100
77) Bromobenzene	12.611	156	79145	51.273	ug/l	98
78) n-propylbenzene	12.672	91	443713	50.456	ug/l	100
79) 2-Chlorotoluene	12.758	91	249231	50.973	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	295680	50.763	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	27383	53.527	ug/l #	100
82) 4-Chlorotoluene	12.855	91	259452	50.869	ug/l	100
83) tert-Butylbenzene	13.075	119	264987	52.650	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	292655	50.689	ug/l	99
85) sec-Butylbenzene	13.251	105	386027	51.268	ug/l	100
86) p-Isopropyltoluene	13.367	119	314092	50.761	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	156403	51.766	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	154523	50.862	ug/l	99
89) n-Butylbenzene	13.696	91	305594	50.158	ug/l	99
90) Hexachloroethane	13.959	117	62444	51.619	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	136706	50.853	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12833	53.864	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	80010	48.943	ug/l	98
94) Hexachlorobutadiene	15.111	225	41281	48.997	ug/l	98
95) Naphthalene	15.233	128	186381	53.679	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	68809	49.336	ug/l	98

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QLast Update : Fri Jan 14 05:48:29 2022
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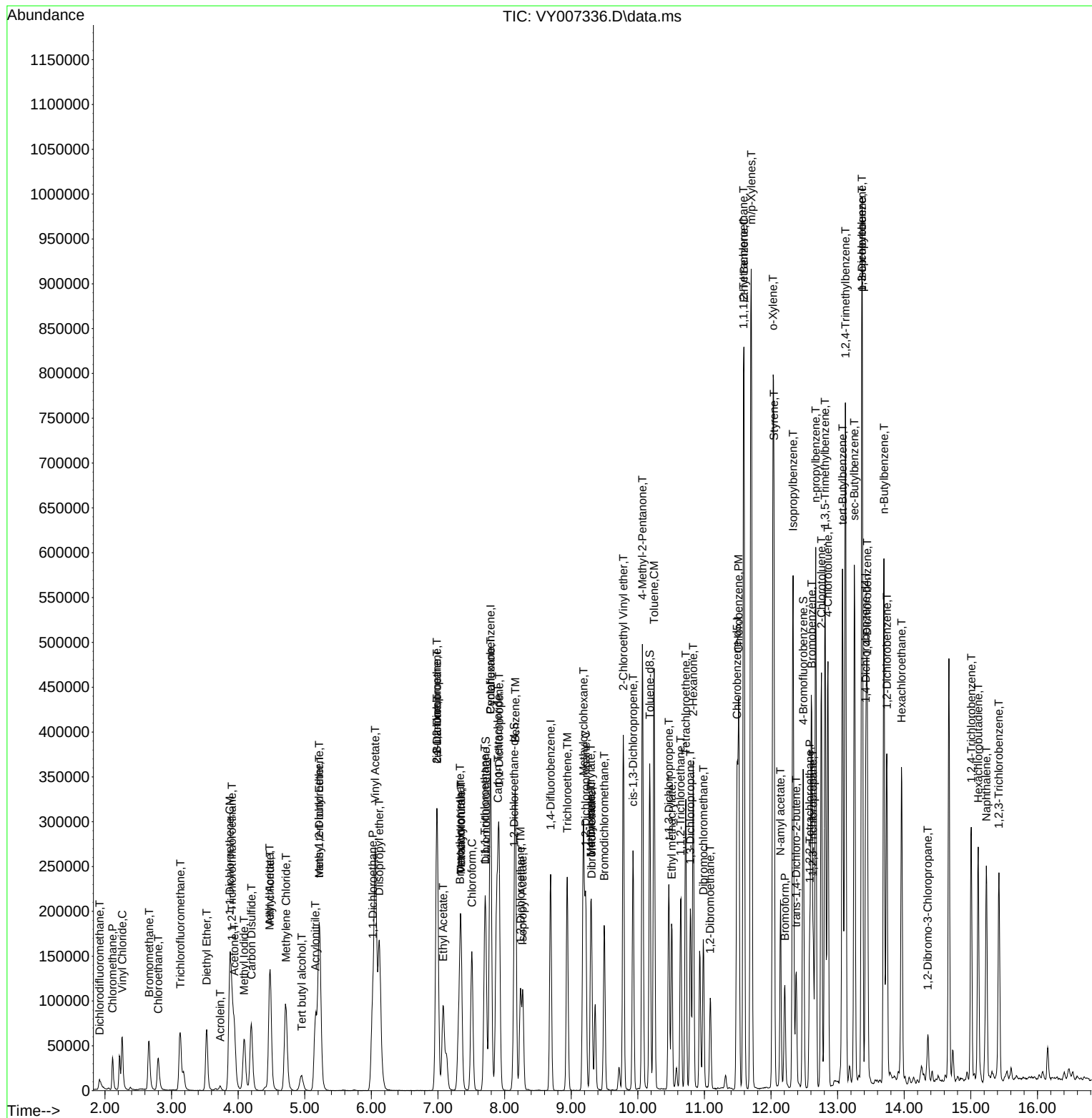
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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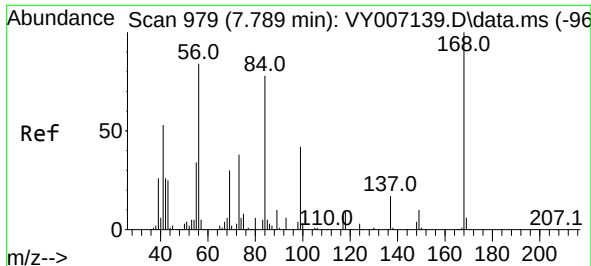
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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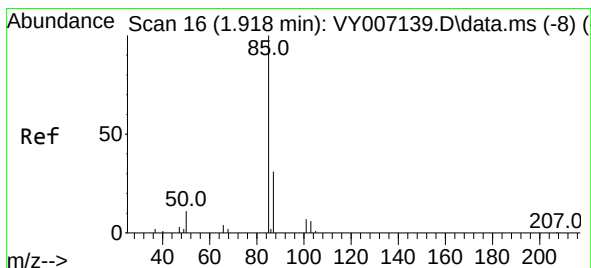
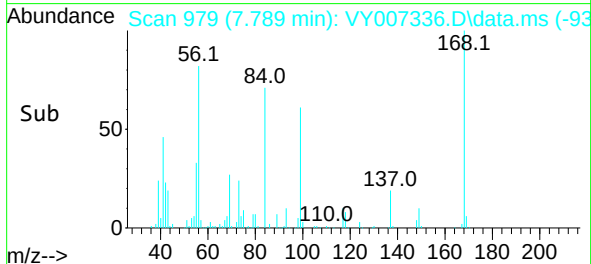
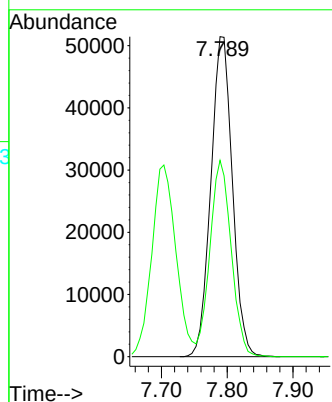
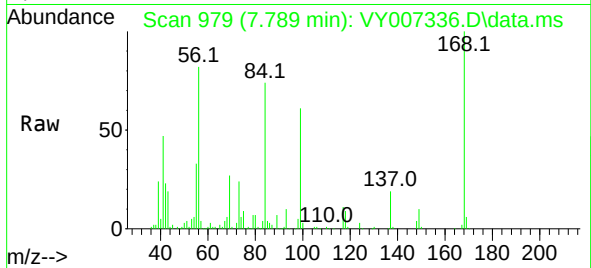




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007336.D
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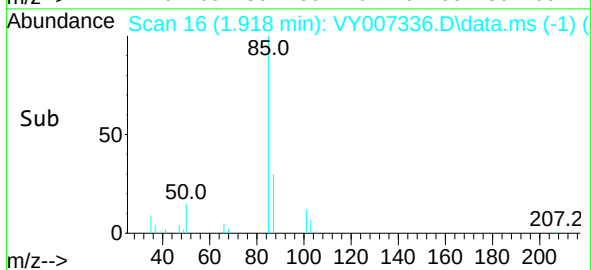
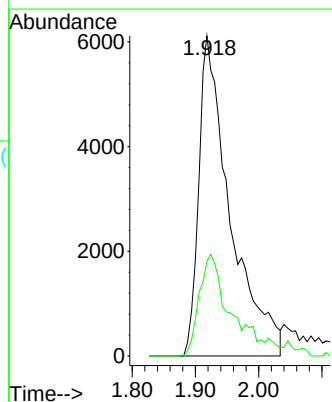
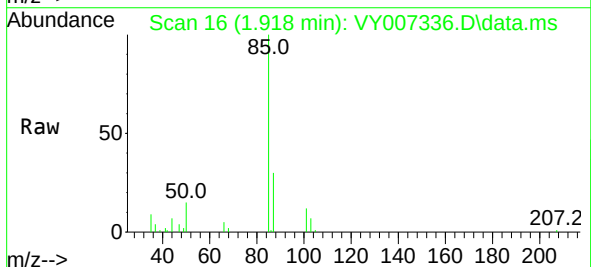
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

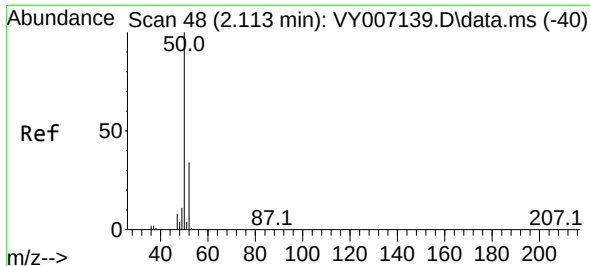
Tgt Ion:168 Resp: 117324
Ion Ratio Lower Upper
168 100
99 61.4 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 51.271 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 85 Resp: 21092
Ion Ratio Lower Upper
85 100
87 29.6 15.2 45.6

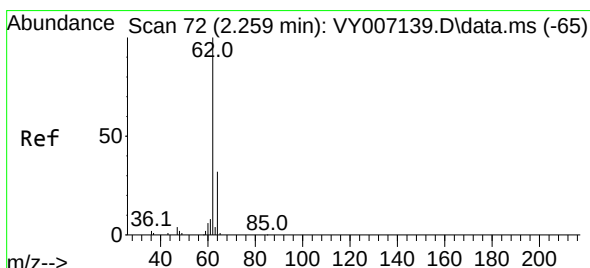
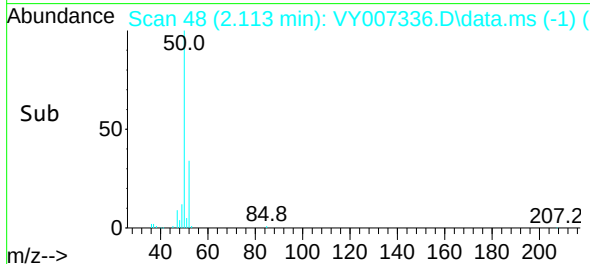
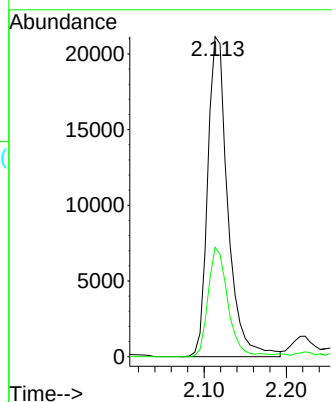
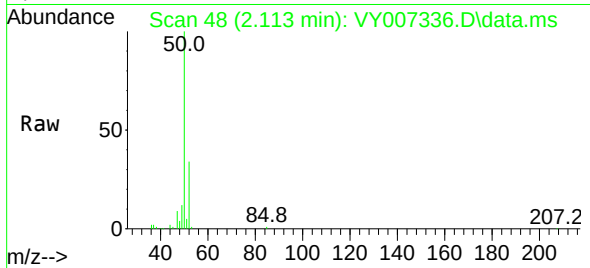




#3
Chloromethane
Concen: 41.599 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

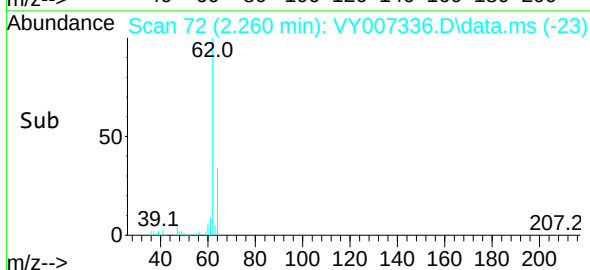
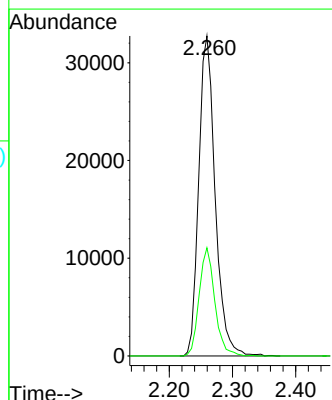
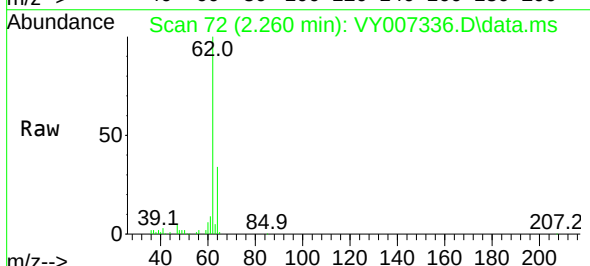
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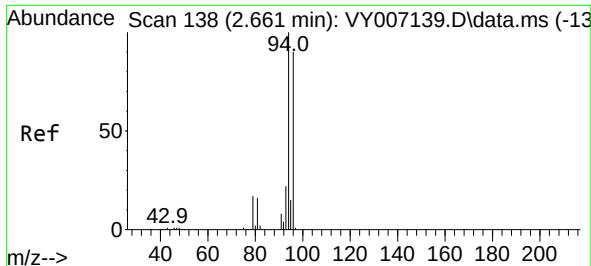
Tgt Ion: 50 Resp: 35888
Ion Ratio Lower Upper
50 100
52 34.2 27.1 40.7



#4
Vinyl Chloride
Concen: 47.225 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 62 Resp: 59296
Ion Ratio Lower Upper
62 100
64 33.8 26.1 39.1

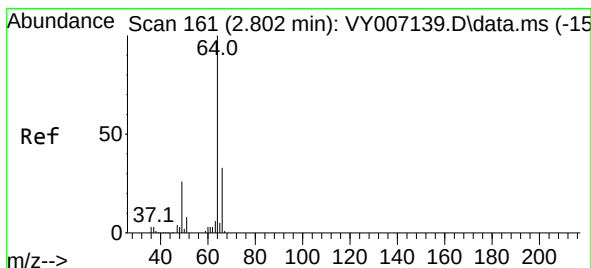
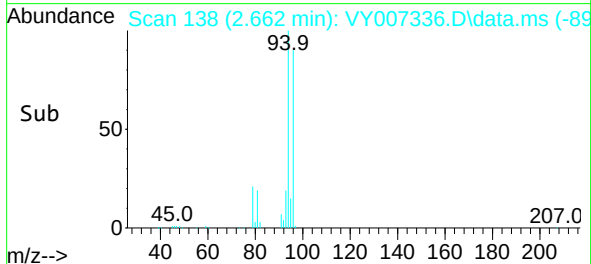
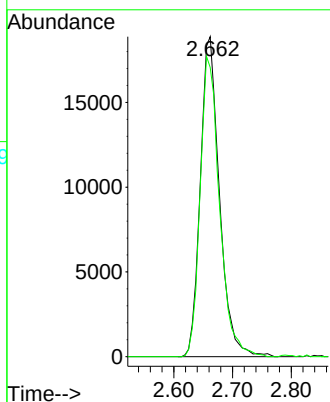
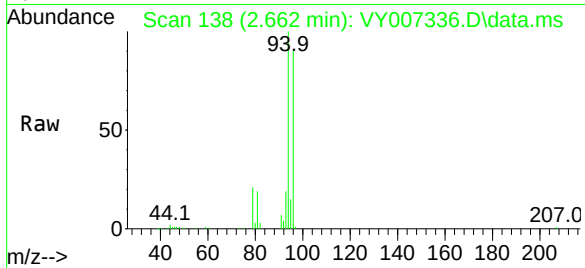




#5
Bromomethane
Concen: 52.504 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.000 min
Lab File: VY007336.D
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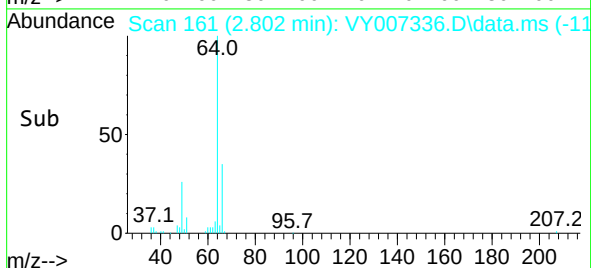
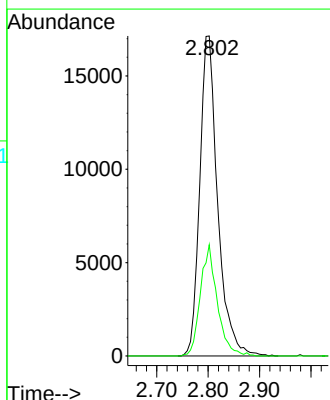
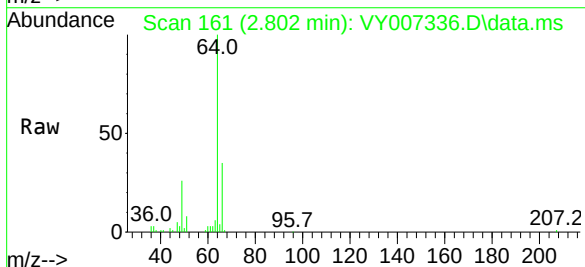
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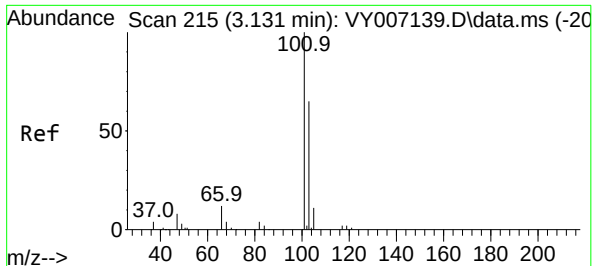
Tgt Ion: 94 Resp: 42688
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.6



#6
Chloroethane
Concen: 52.956 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 64 Resp: 41487
Ion Ratio Lower Upper
64 100
66 34.7 24.8 37.2

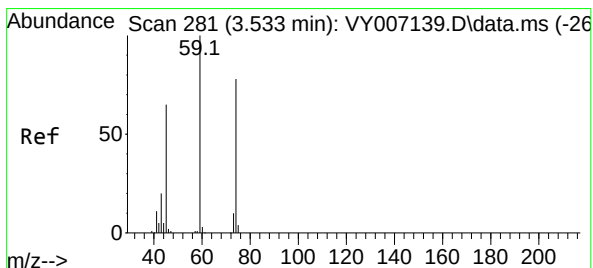
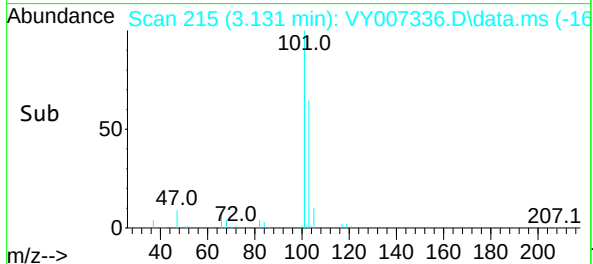
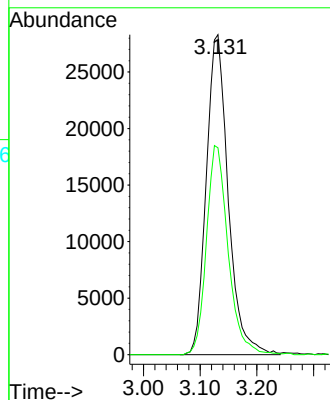
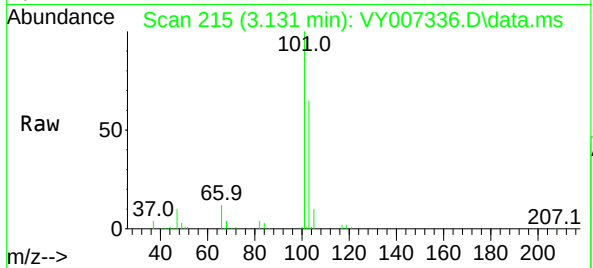




#7
 Trichlorofluoromethane
 Concen: 56.057 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY007336.D
 Acq: 28 Jan 2022 21:12

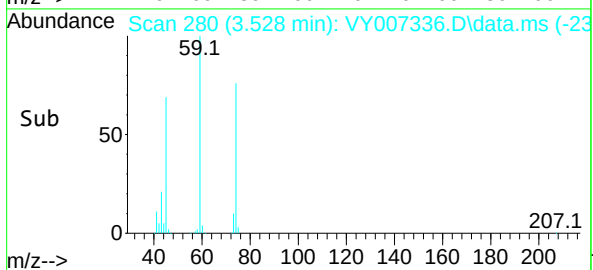
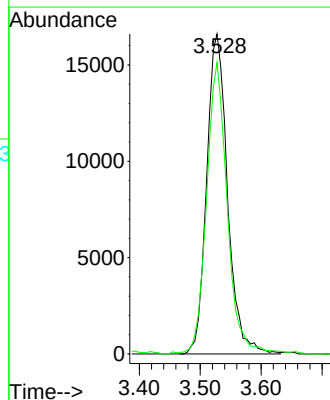
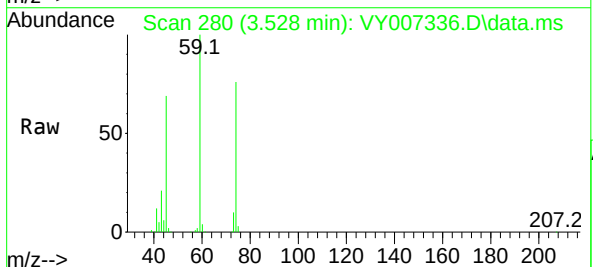
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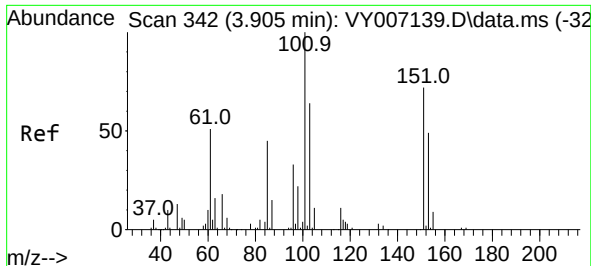
Tgt Ion:101 Resp: 75856
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.6 76.0



#8
 Diethyl Ether
 Concen: 53.107 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 39573
 Ion Ratio Lower Upper
 74 100
 45 90.7 46.1 138.3

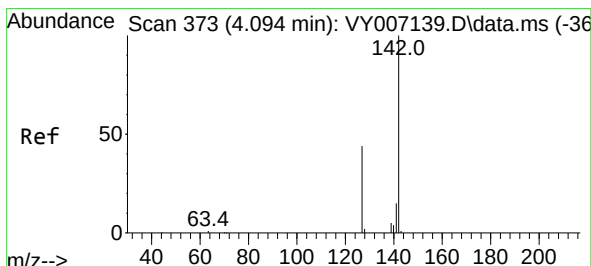
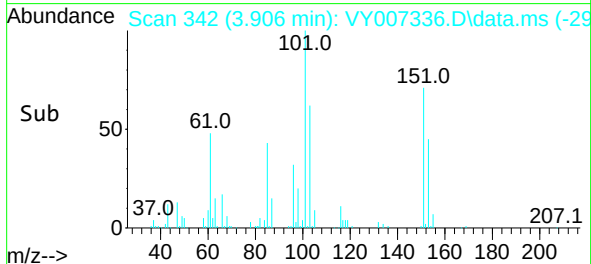
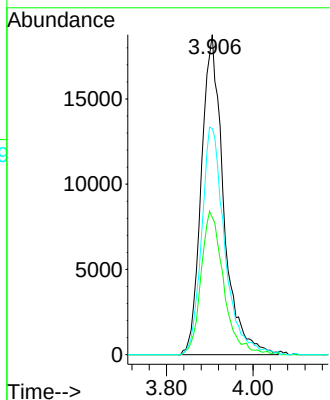
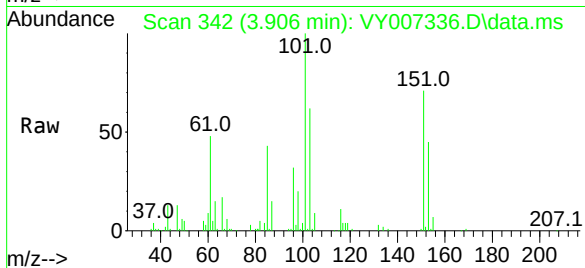




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.737 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

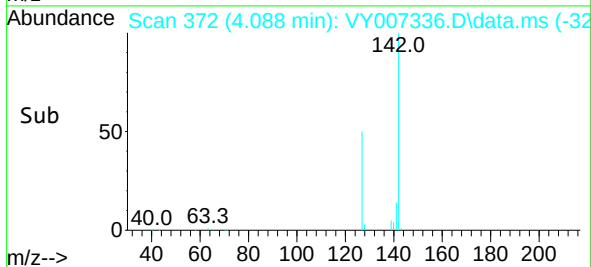
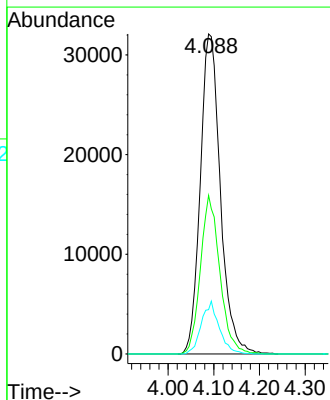
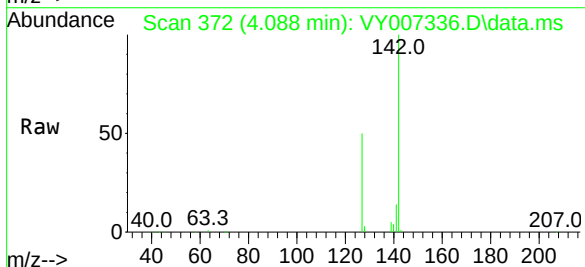
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

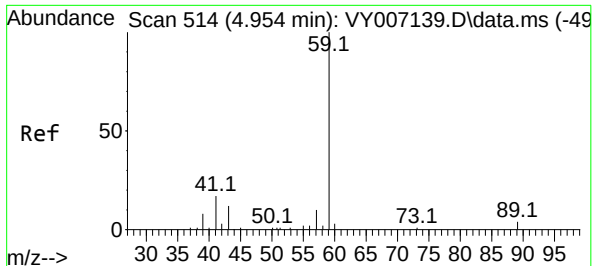
Tgt Ion:101 Resp: 66892
Ion Ratio Lower Upper
101 100
85 45.8 35.4 53.0
151 74.0 60.4 90.6



#10
Methyl Iodide
Concen: 50.341 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion:142 Resp: 98165
Ion Ratio Lower Upper
142 100
127 47.8 36.2 54.4
141 14.7 11.5 17.3

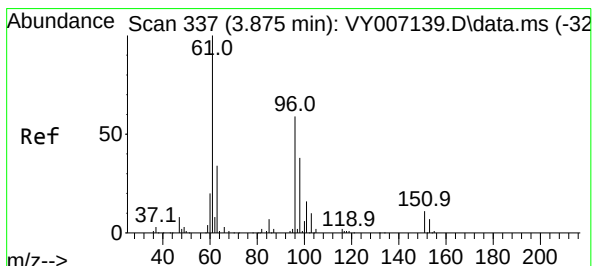
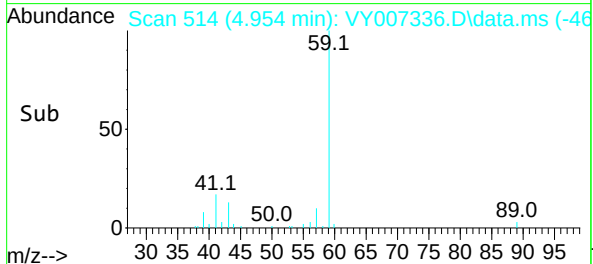
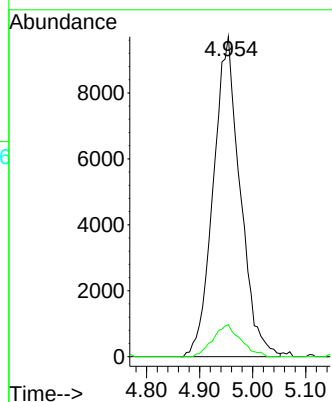
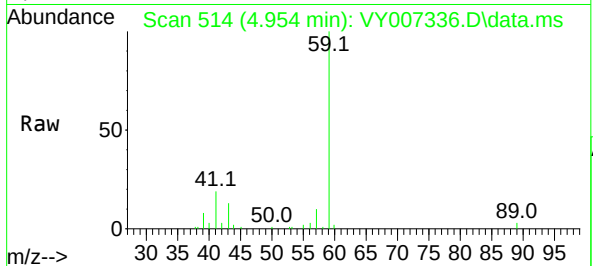




#11
Tert butyl alcohol
Concen: 279.048 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

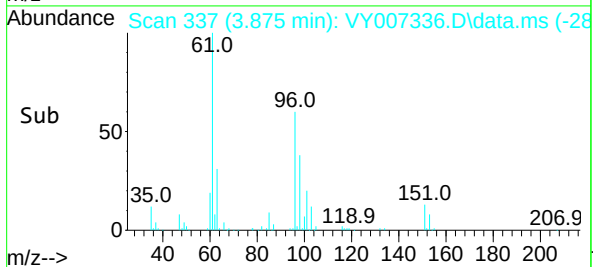
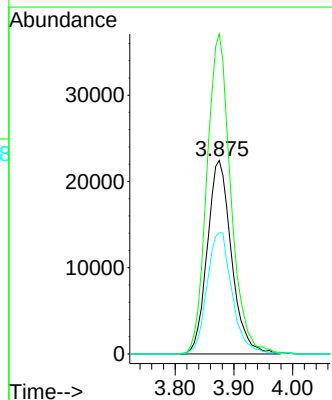
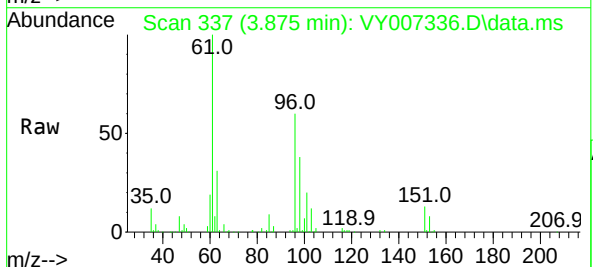
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

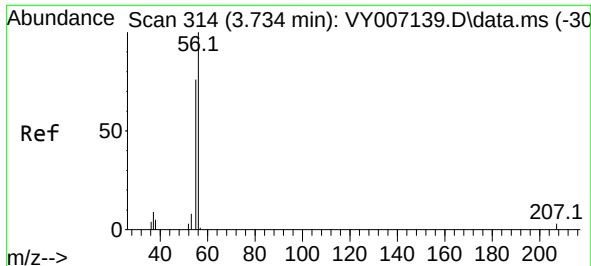
Tgt Ion: 59 Resp: 34184
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.306 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 96 Resp: 64131
Ion Ratio Lower Upper
96 100
61 165.2 131.9 197.9
98 62.7 52.7 79.1

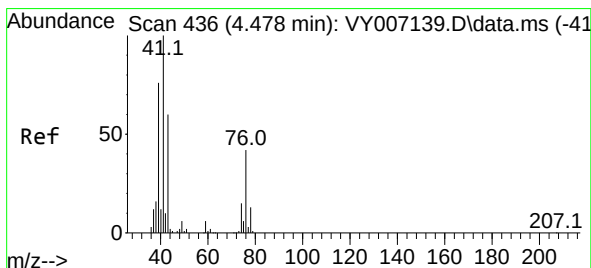
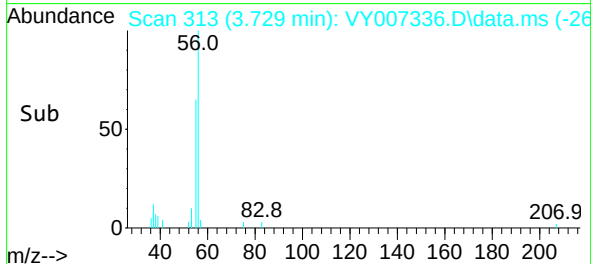
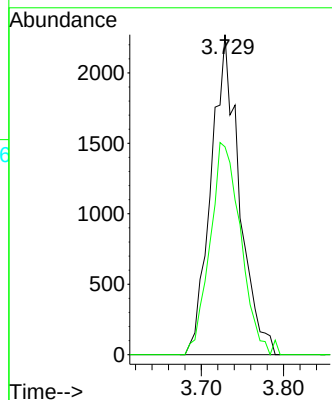
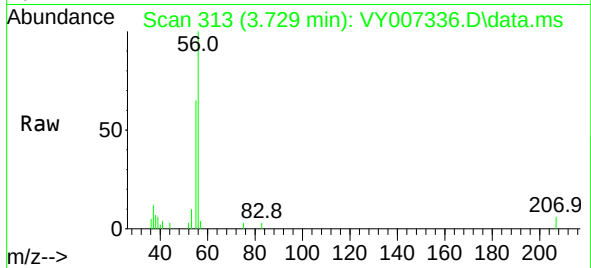




#13
Acrolein
Concen: 180.479 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.005 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

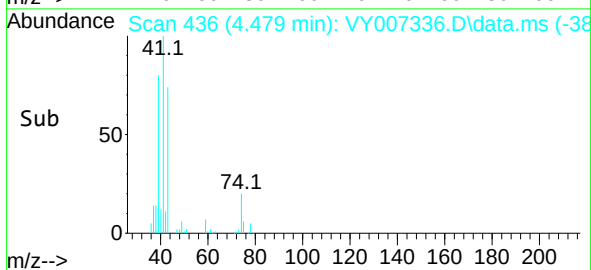
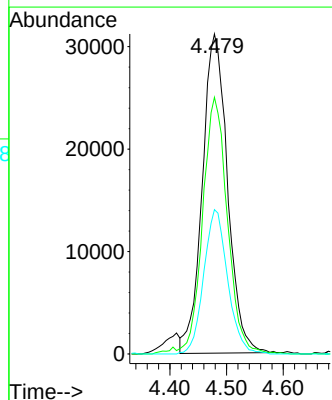
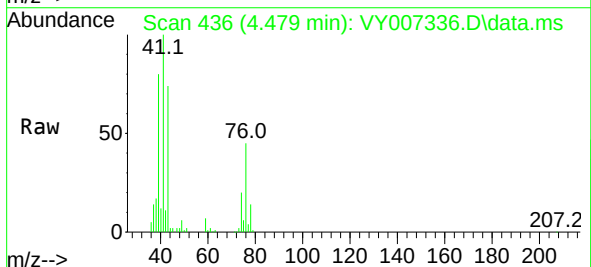
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

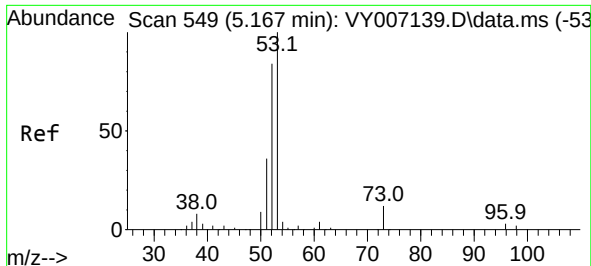
Tgt Ion: 56 Resp: 5456
Ion Ratio Lower Upper
56 100
55 72.0 55.7 83.5



#14
Allyl chloride
Concen: 45.309 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 41 Resp: 96450
Ion Ratio Lower Upper
41 100
39 78.6 56.1 84.1
76 42.8 31.4 47.2

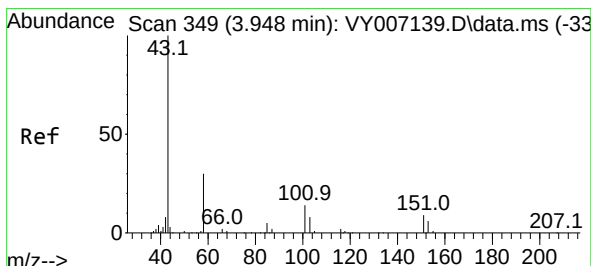
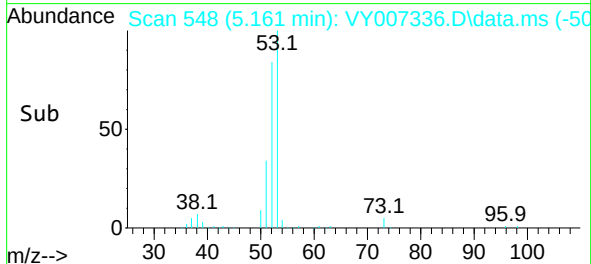
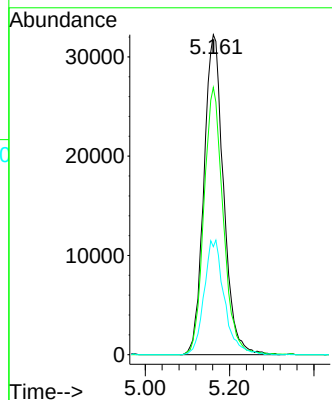
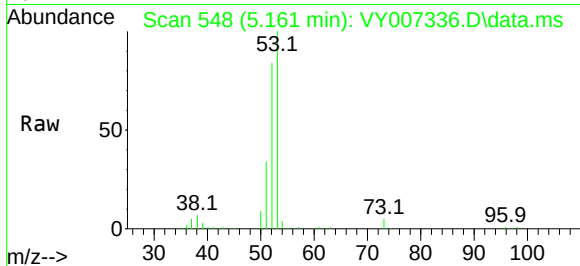




#15
Acrylonitrile
Concen: 292.061 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

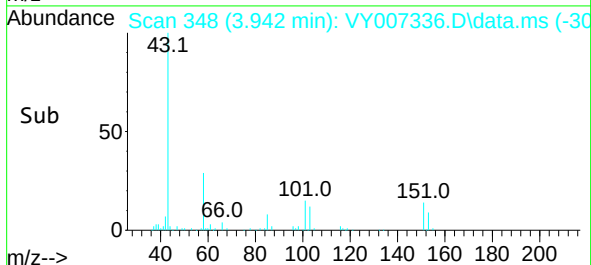
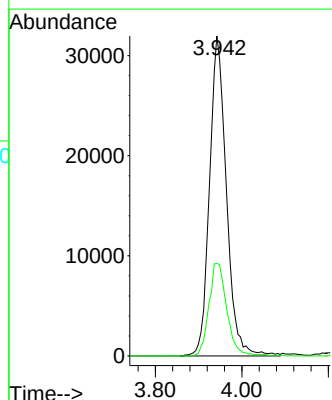
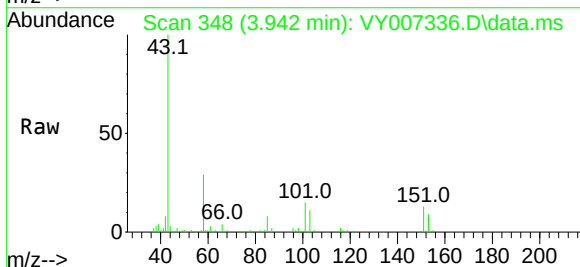
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

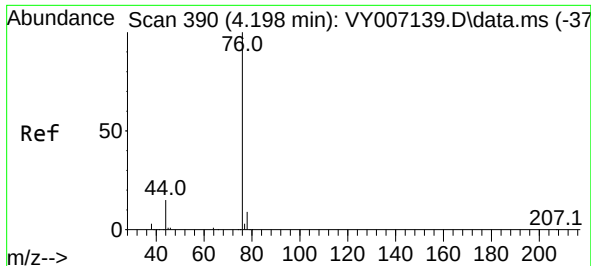
Tgt Ion: 53 Resp: 104594
Ion Ratio Lower Upper
53 100
52 81.9 65.4 98.2
51 36.9 29.4 44.2



#16
Acetone
Concen: 231.786 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 43 Resp: 86597
Ion Ratio Lower Upper
43 100
58 29.0 23.8 35.6

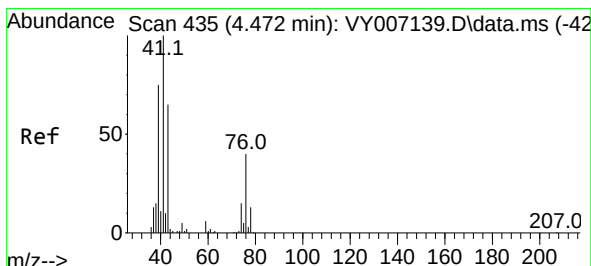
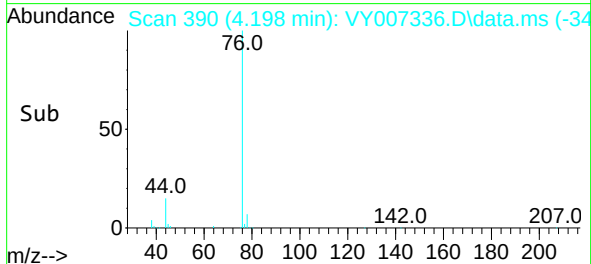
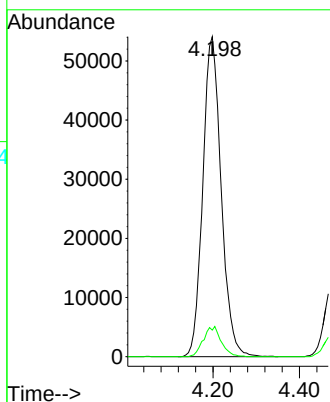
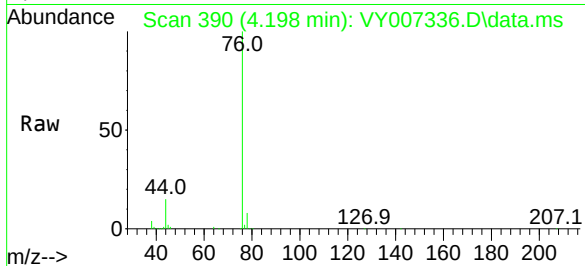




#17
Carbon Disulfide
Concen: 43.208 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

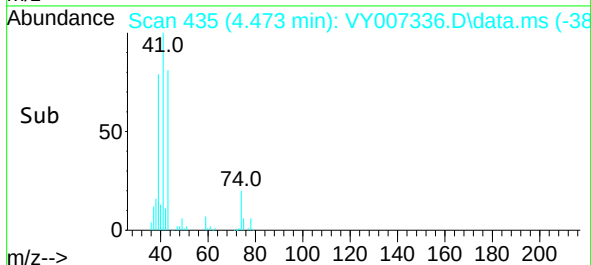
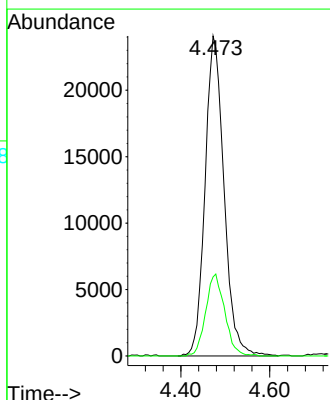
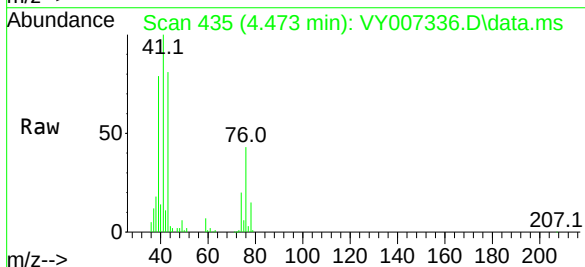
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

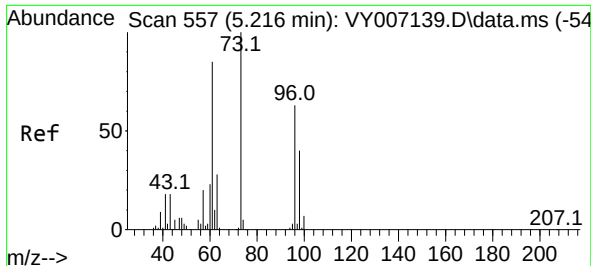
Tgt Ion: 76 Resp: 159298
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8



#18
Methyl Acetate
Concen: 53.688 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 43 Resp: 71371
Ion Ratio Lower Upper
43 100
74 25.8 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 53.043 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

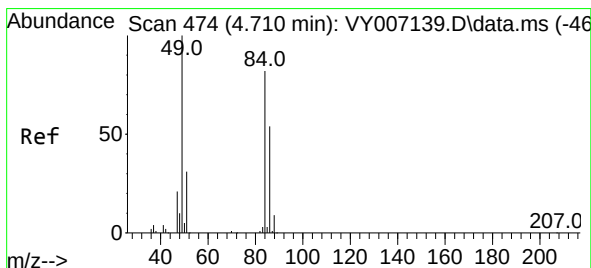
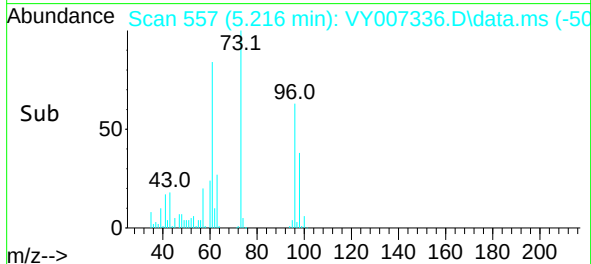
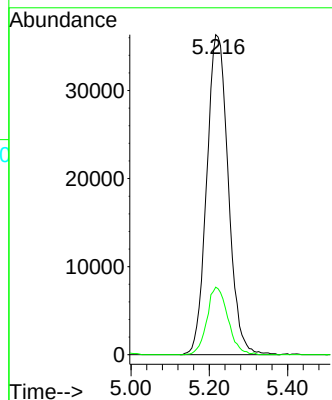
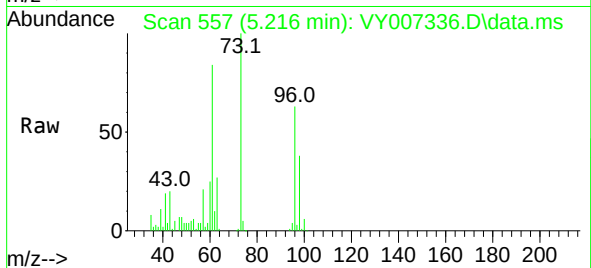
VSTDCCC050EC

Tgt Ion: 73 Resp: 138634

Ion Ratio Lower Upper

73 100

57 21.1 17.4 26.2



#20

Methylene Chloride

Concen: 48.358 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.007 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Tgt Ion: 84 Resp: 74708

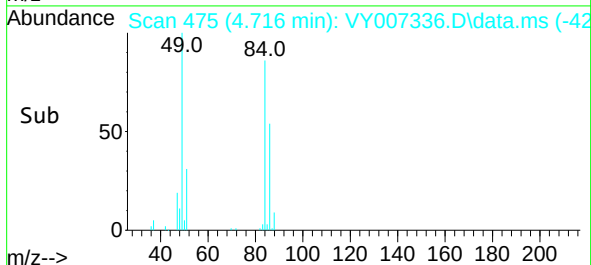
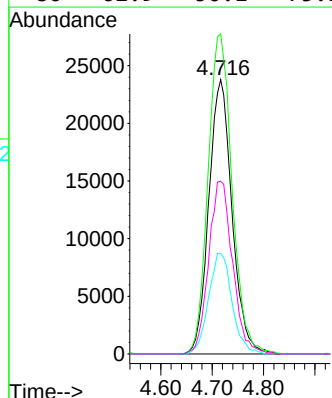
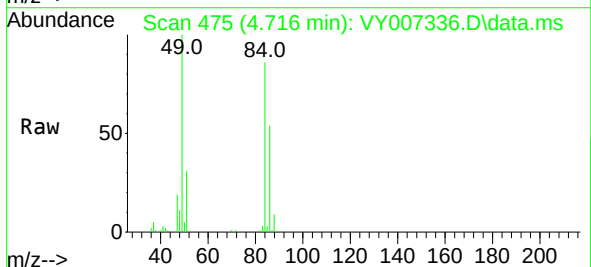
Ion Ratio Lower Upper

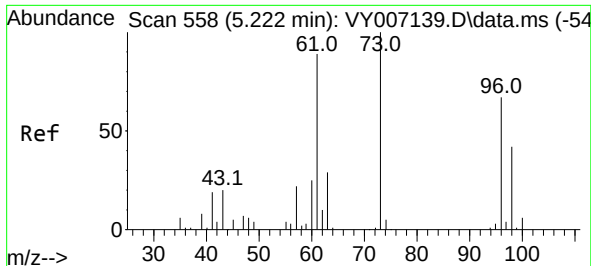
84 100

49 116.6 92.6 139.0

51 36.6 28.6 42.8

86 62.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 49.921 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

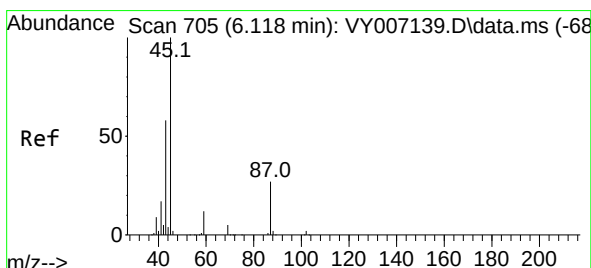
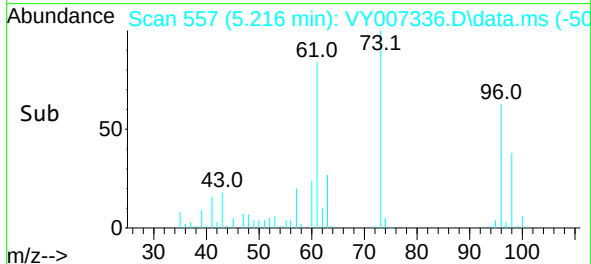
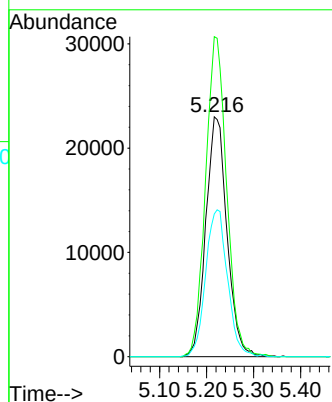
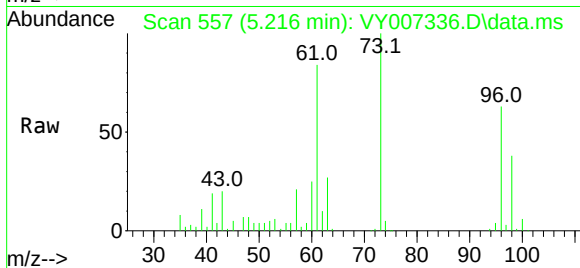
Tgt Ion: 96 Resp: 71850

Ion Ratio Lower Upper

96 100

61 133.4 107.3 160.9

98 59.5 52.4 78.6



#22

Diisopropyl ether

Concen: 50.647 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Tgt Ion: 45 Resp: 218418

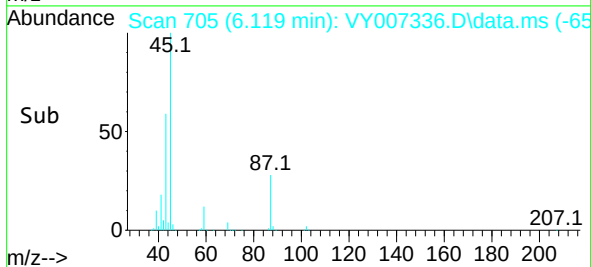
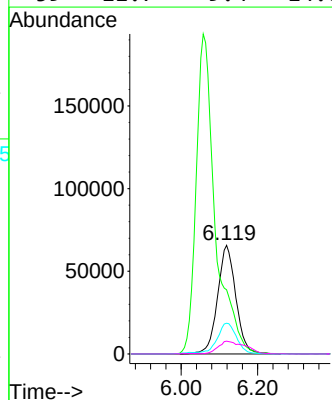
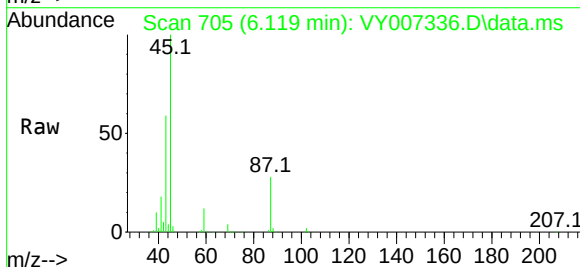
Ion Ratio Lower Upper

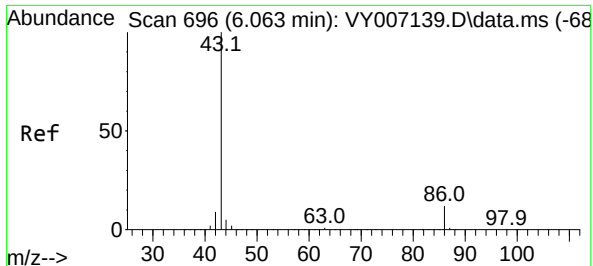
45 100

43 58.7 45.6 68.4

87 28.3 22.2 33.2

59 11.7 9.4 14.0

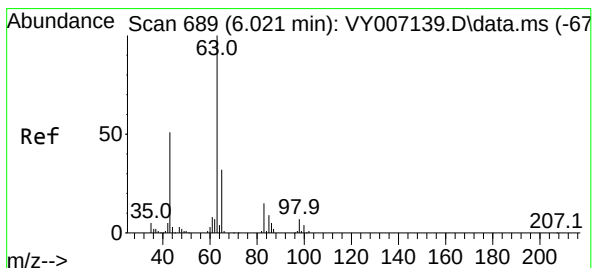
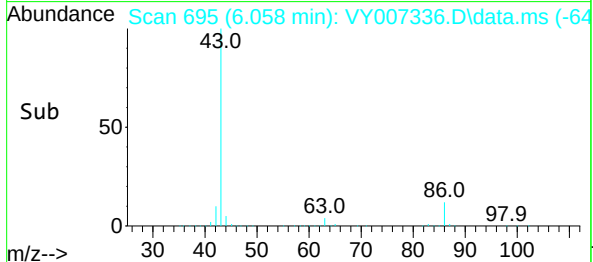
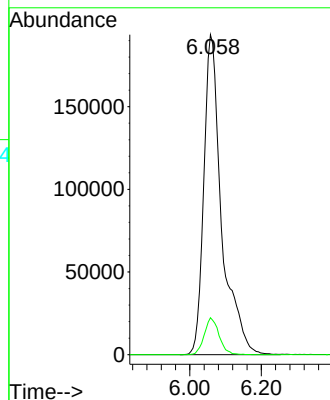
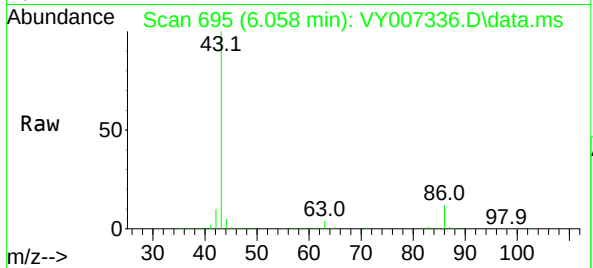




#23
 Vinyl Acetate
 Concen: 264.055 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY007336.D
 Acq: 28 Jan 2022 21:12

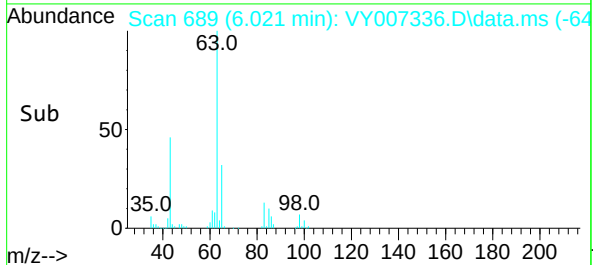
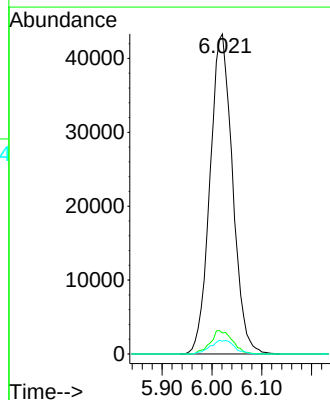
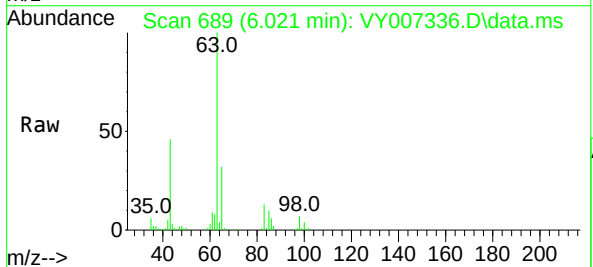
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

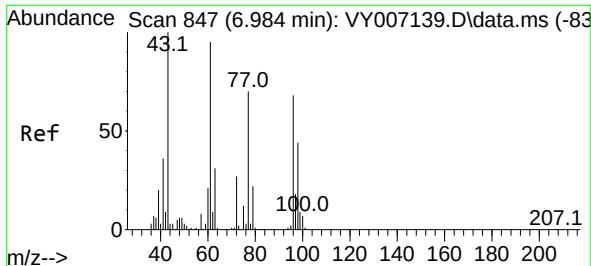
Tgt Ion: 43 Resp: 669680
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 51.915 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007336.D
 Acq: 28 Jan 2022 21:12

Tgt Ion: 63 Resp: 136192
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.0 2.1 6.2

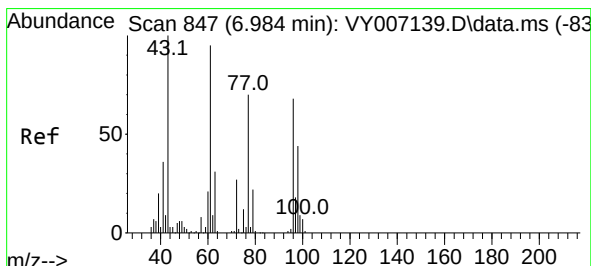
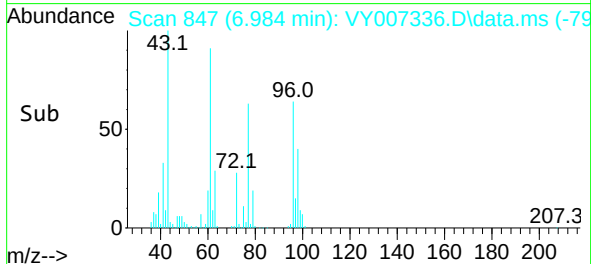
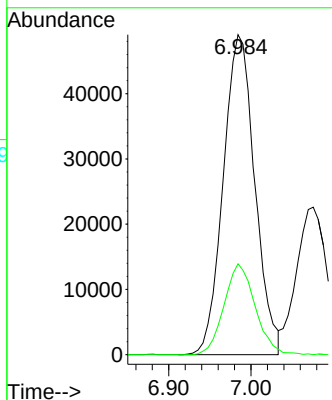
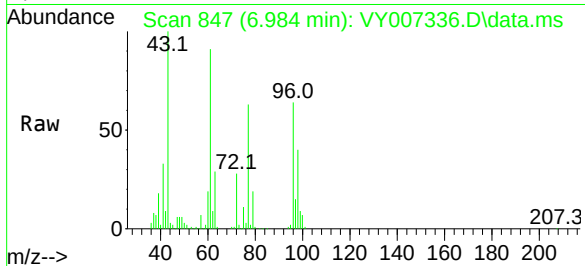




#25
2-Butanone
Concen: 271.490 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

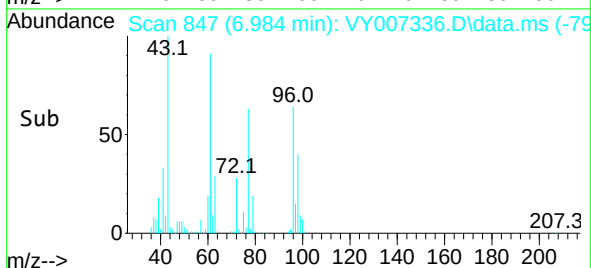
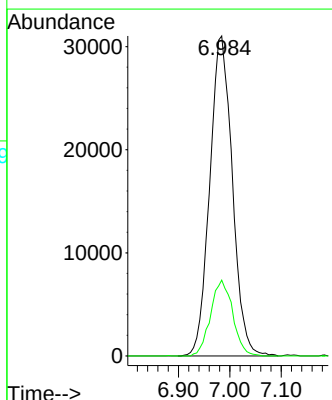
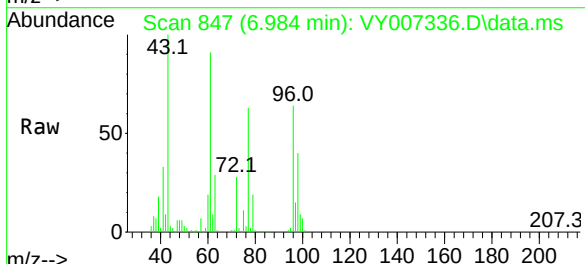
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

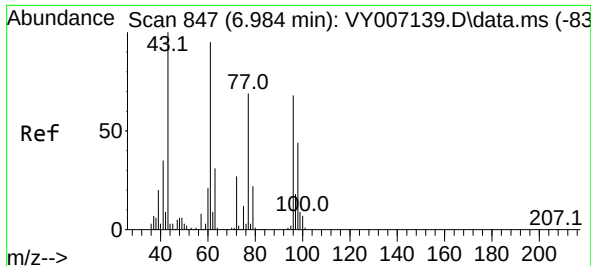
Tgt Ion: 43 Resp: 131140
Ion Ratio Lower Upper
43 100
72 28.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 49.525 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 77 Resp: 94685
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 53.218 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

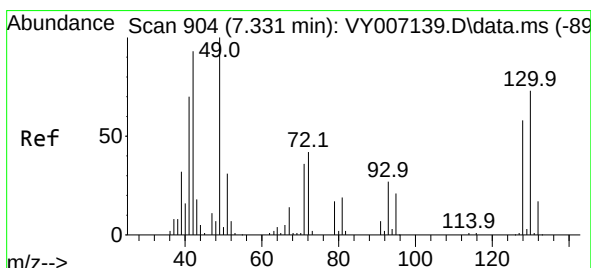
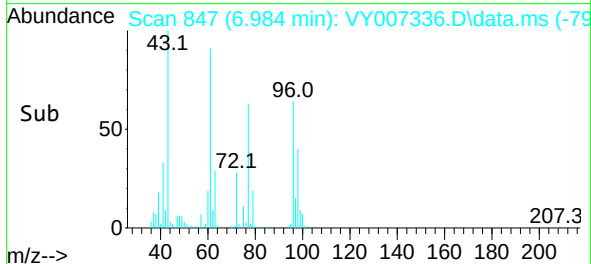
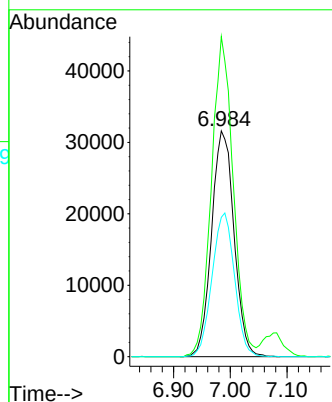
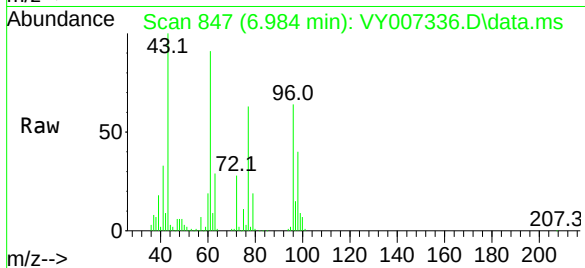
Tgt Ion: 96 Resp: 86887

Ion Ratio Lower Upper

96 100

61 137.3 0.0 276.8

98 63.8 0.0 127.8



#28

Bromochloromethane

Concen: 54.115 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

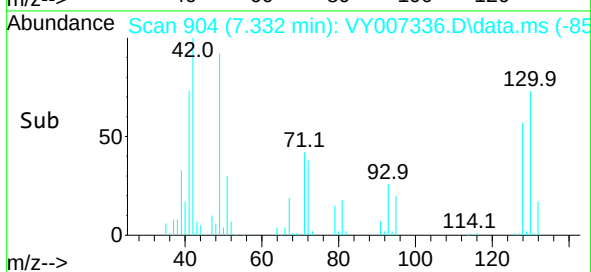
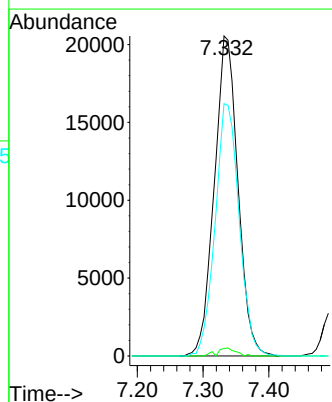
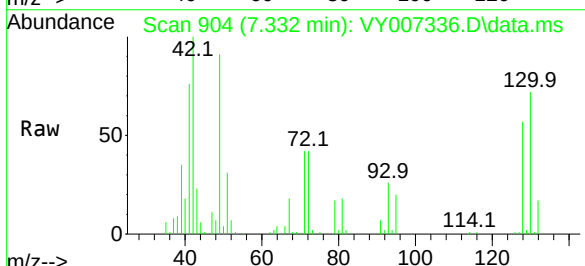
Tgt Ion: 49 Resp: 51351

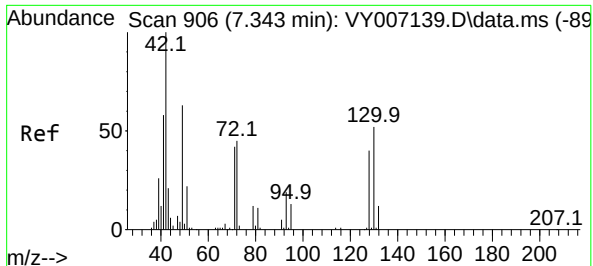
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 80.3 65.0 97.4





#29

Tetrahydrofuran

Concen: 280.937 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

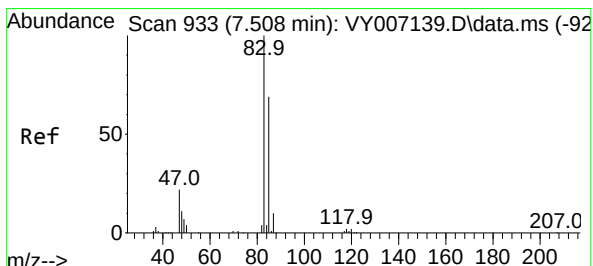
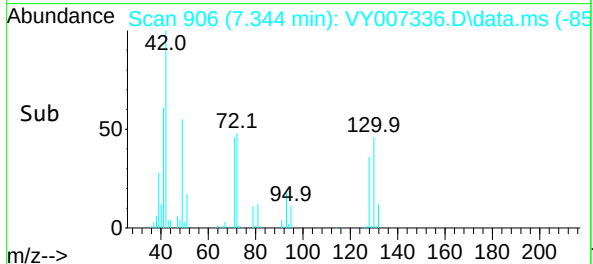
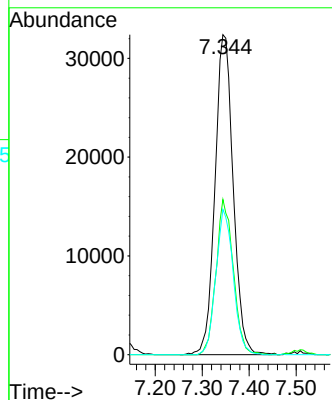
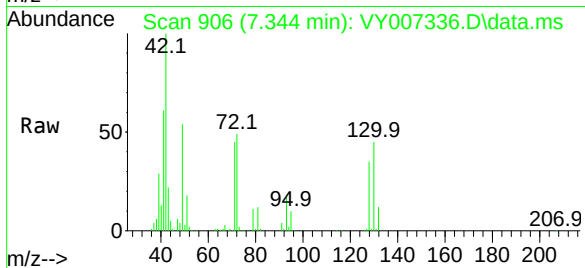
Tgt Ion: 42 Resp: 87233

Ion Ratio Lower Upper

42 100

72 46.0 36.6 54.8

71 43.3 34.1 51.1



#30

Chloroform

Concen: 53.723 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007336.D

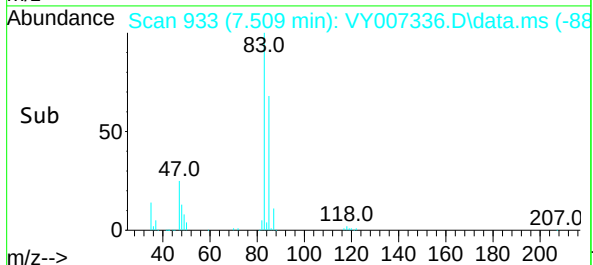
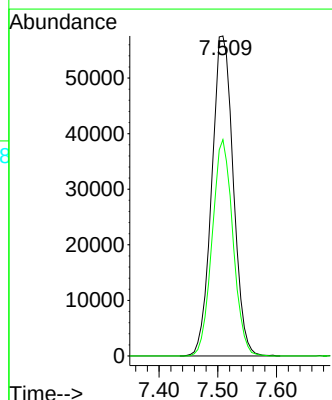
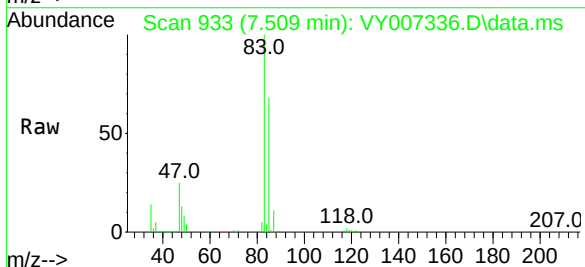
Acq: 28 Jan 2022 21:12

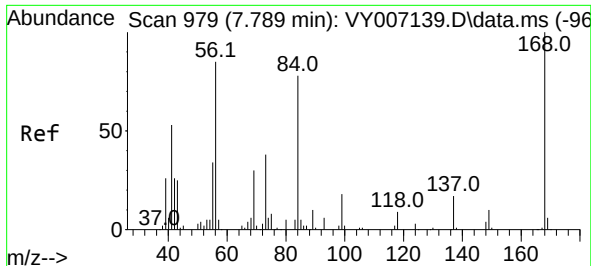
Tgt Ion: 83 Resp: 146434

Ion Ratio Lower Upper

83 100

85 67.6 50.9 76.3

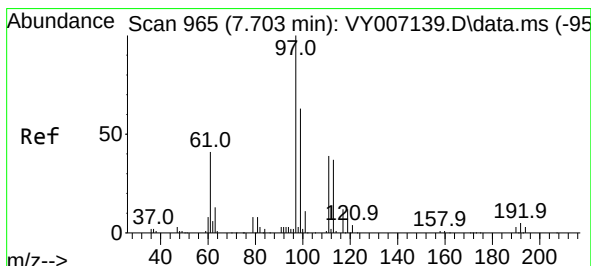
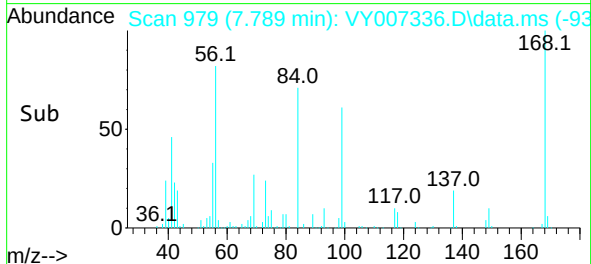
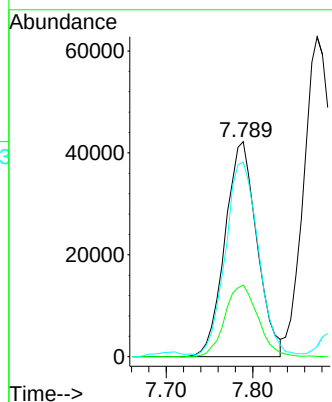
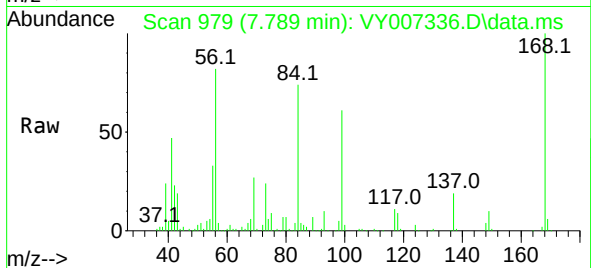




#31
Cyclohexane
Concen: 44.444 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

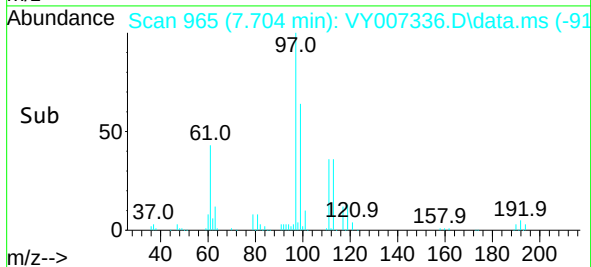
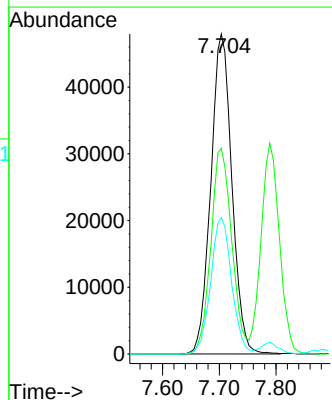
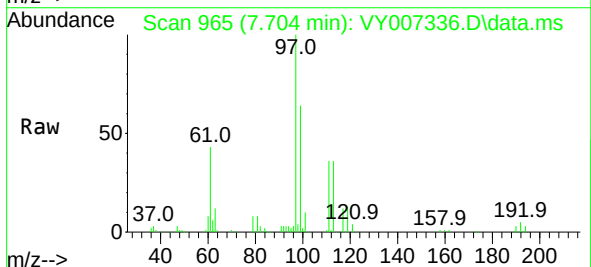
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

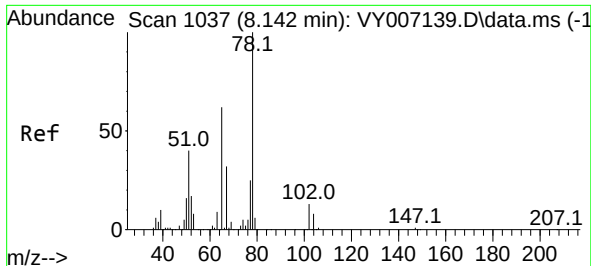
Tgt Ion: 56 Resp: 108168
Ion Ratio Lower Upper
56 100
69 33.3 27.2 40.8
84 89.2 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 53.116 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 97 Resp: 123748
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 42.4 32.2 48.2

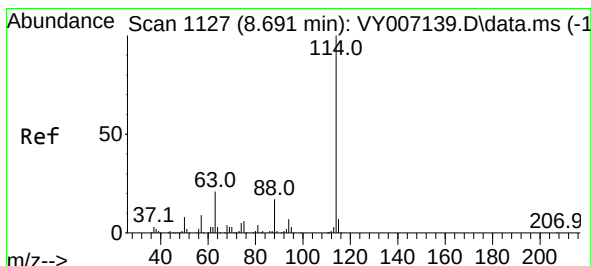
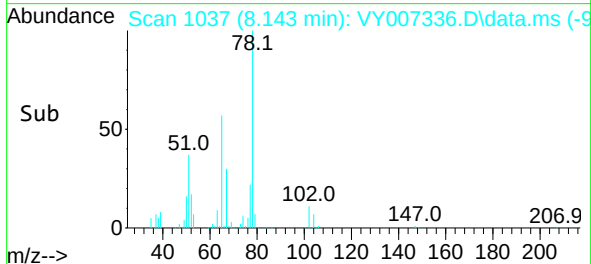
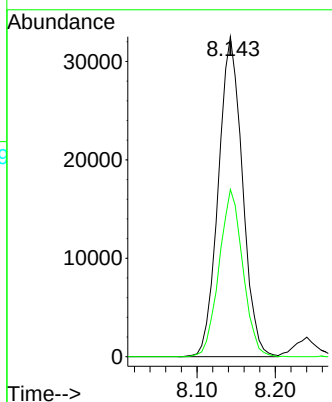
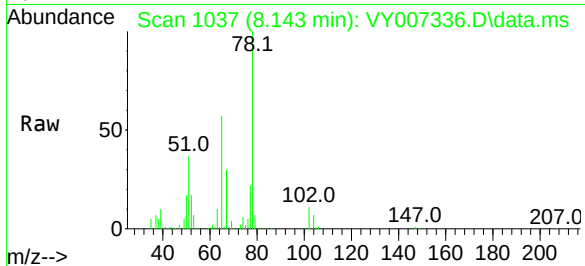




#33
1,2-Dichloroethane-d4
Concen: 48.228 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

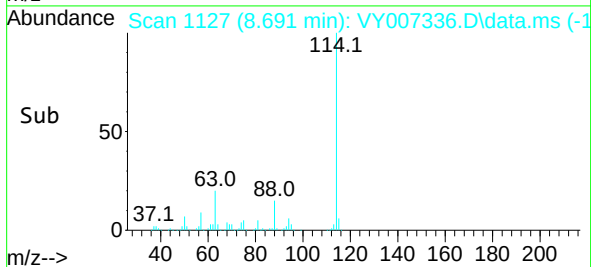
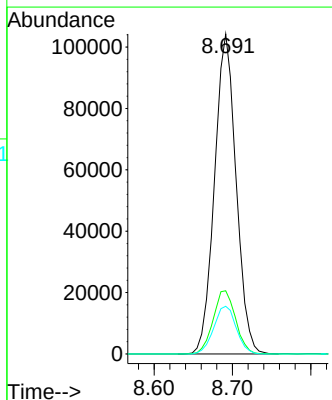
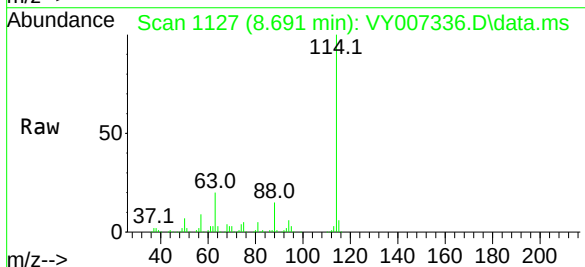
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

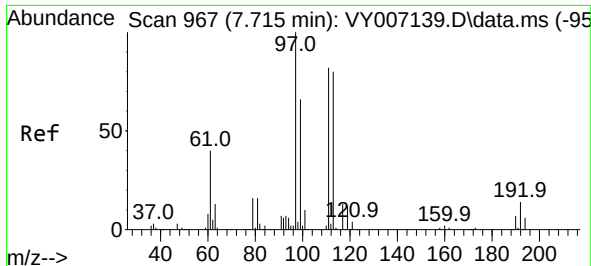
Tgt Ion: 65 Resp: 69428
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 114 Resp: 199710
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 14.9 0.0 31.0

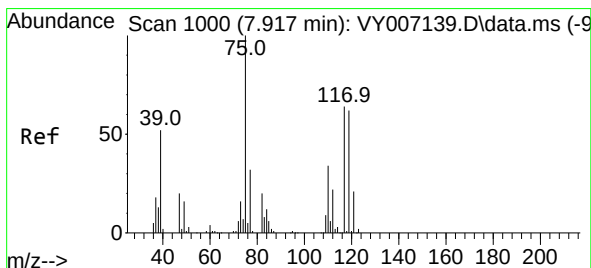
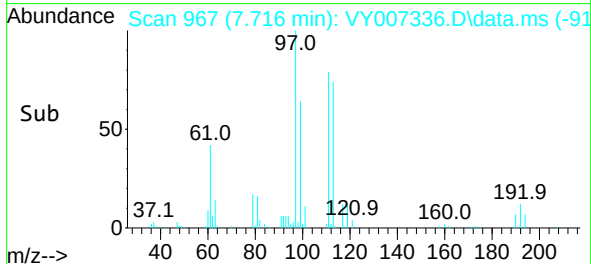
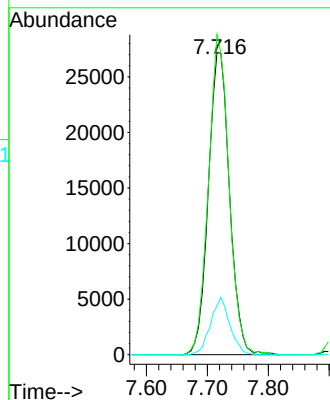
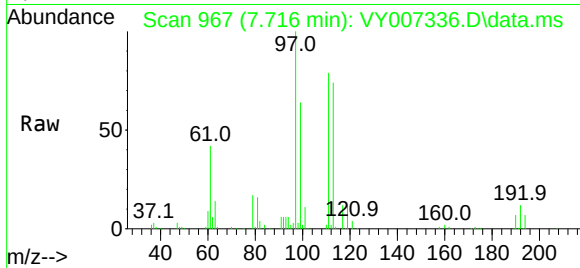




#35
Dibromofluoromethane
Concen: 48.708 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

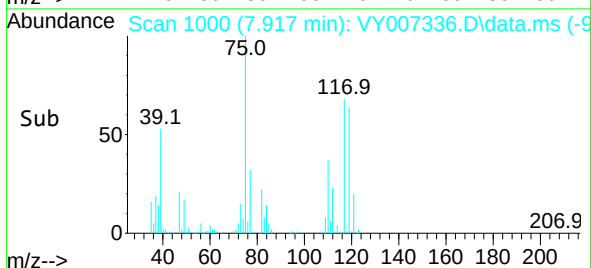
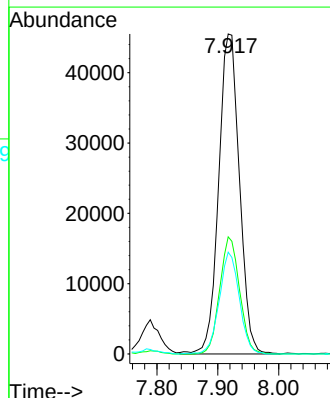
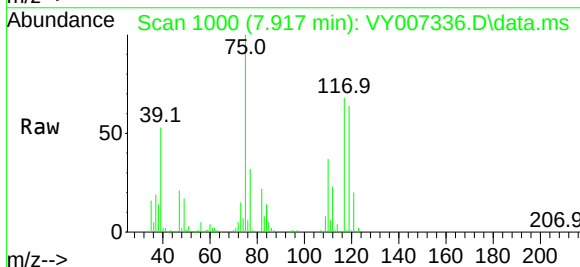
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

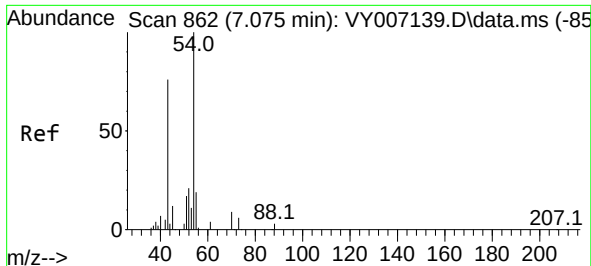
Tgt Ion:113 Resp: 65776
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 49.862 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 75 Resp: 107541
Ion Ratio Lower Upper
75 100
110 34.9 17.3 51.9
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 54.707 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

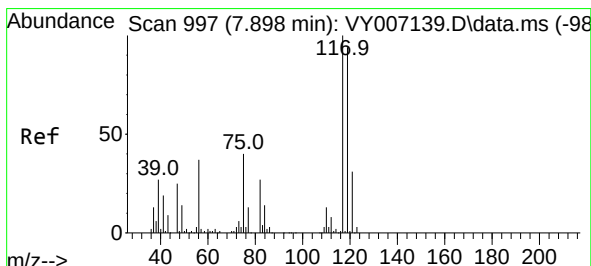
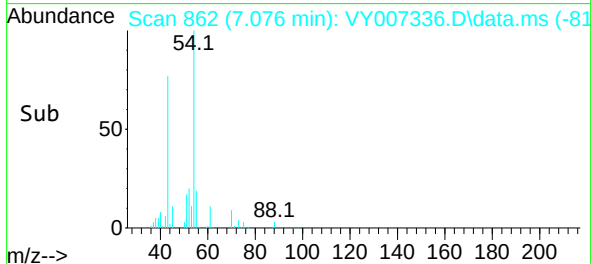
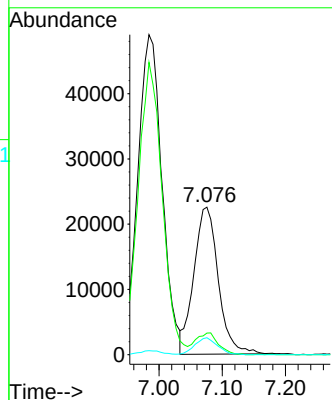
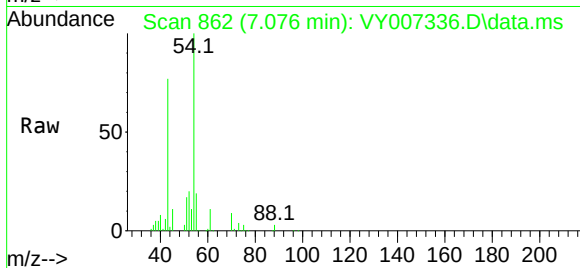
Tgt Ion: 43 Resp: 60552

Ion Ratio Lower Upper

43 100

61 13.8 11.8 17.8

70 10.7 9.0 13.4



#38

Carbon Tetrachloride

Concen: 51.302 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

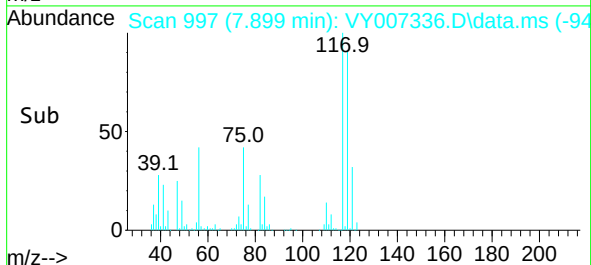
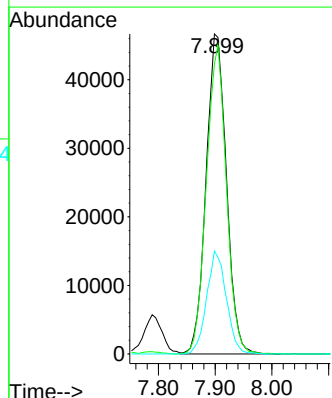
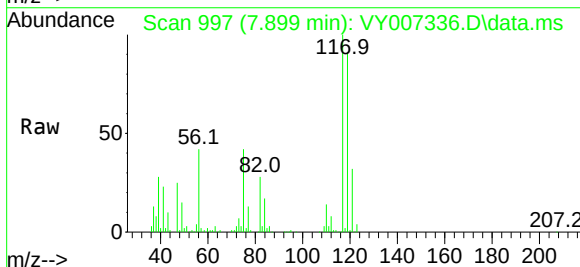
Tgt Ion: 117 Resp: 116383

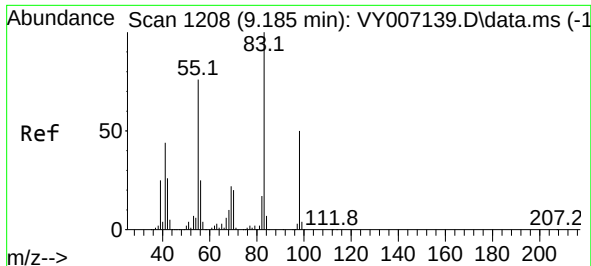
Ion Ratio Lower Upper

117 100

119 90.7 77.2 115.8

121 32.1 24.2 36.2

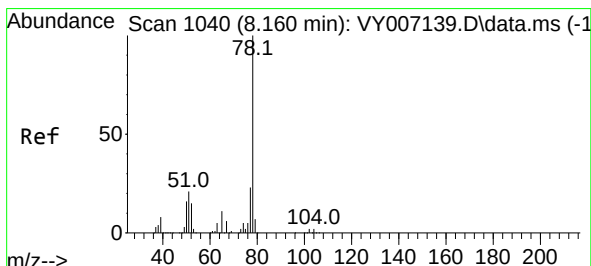
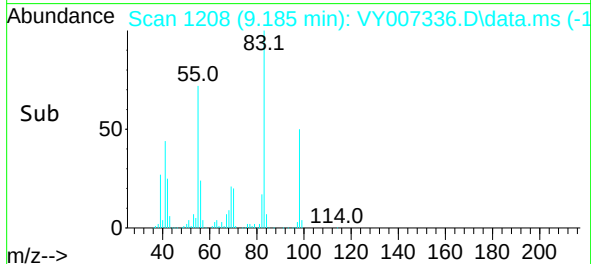
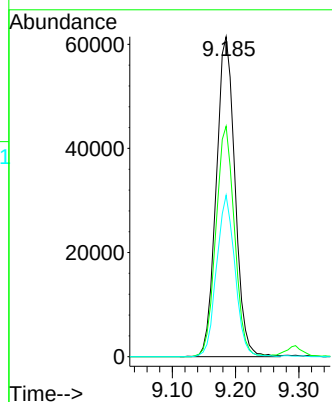
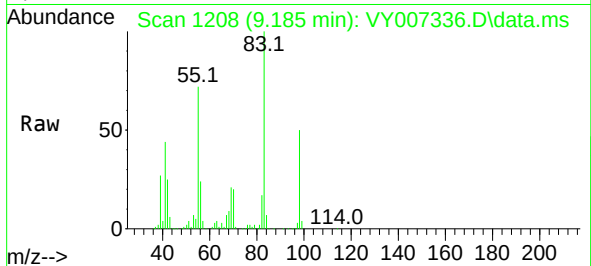




#39
Methylcyclohexane
Concen: 47.962 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

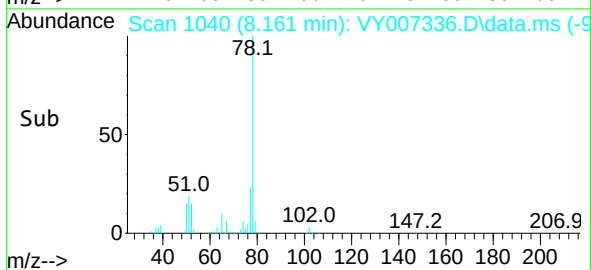
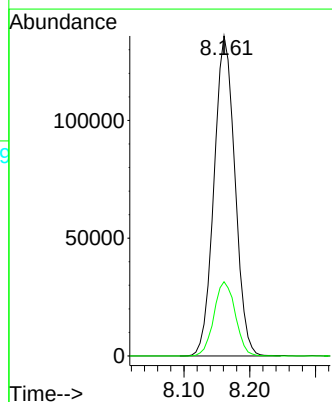
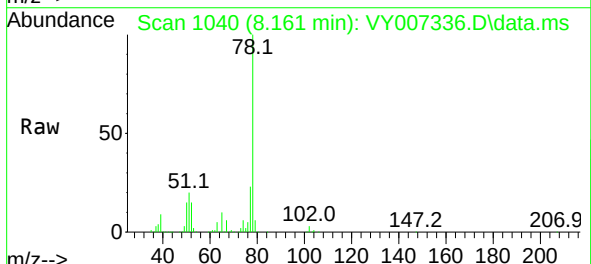
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

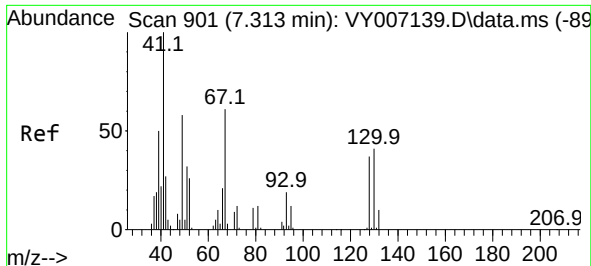
Tgt Ion: 83 Resp: 126301
Ion Ratio Lower Upper
83 100
55 72.0 58.8 88.2
98 50.5 38.7 58.1



#40
Benzene
Concen: 52.307 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 78 Resp: 300928
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8

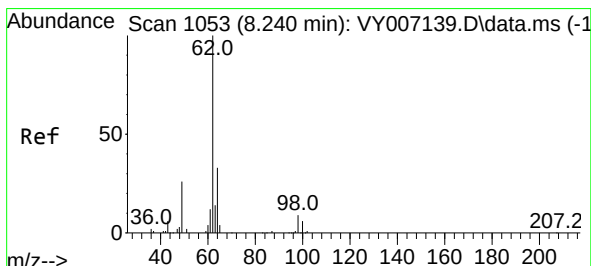
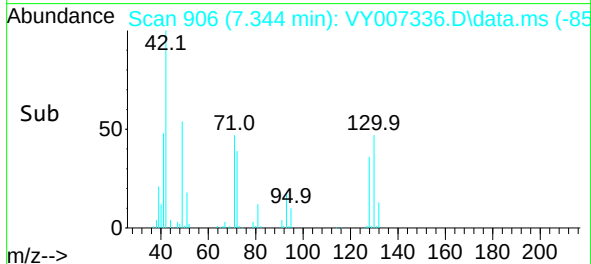
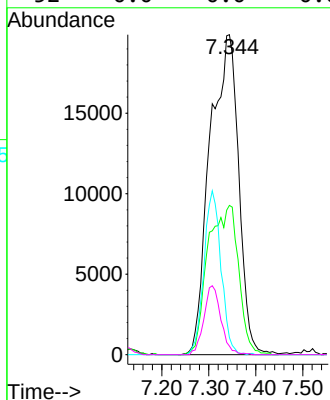
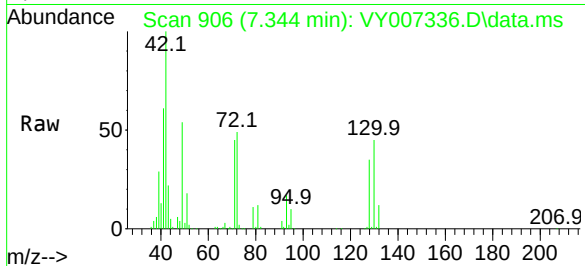




#41
Methacrylonitrile
Concen: 132.031 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

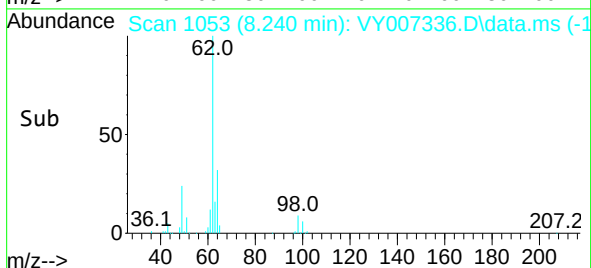
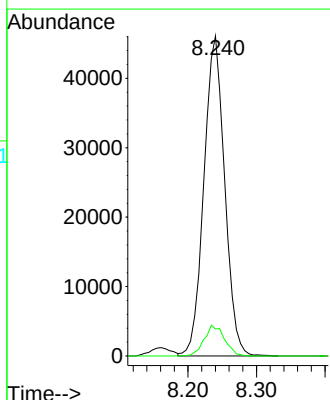
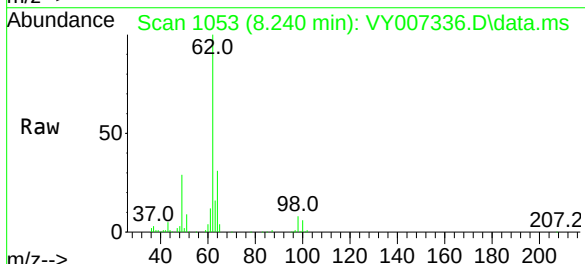
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

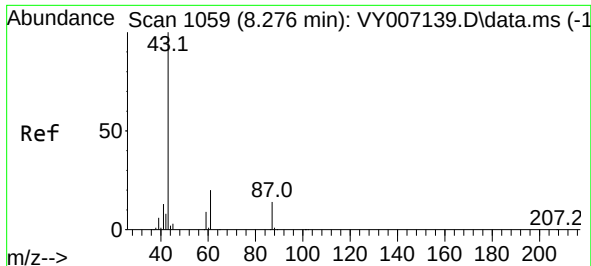
Tgt Ion: 41 Resp: 84156
Ion Ratio Lower Upper
41 100
39 49.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 53.634 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 62 Resp: 97167
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2

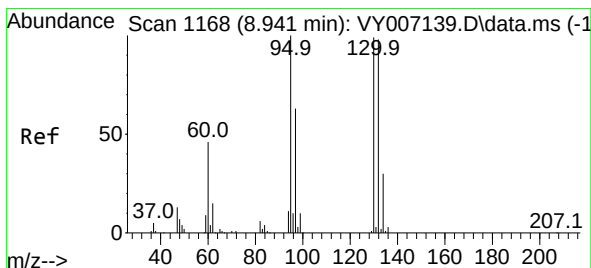
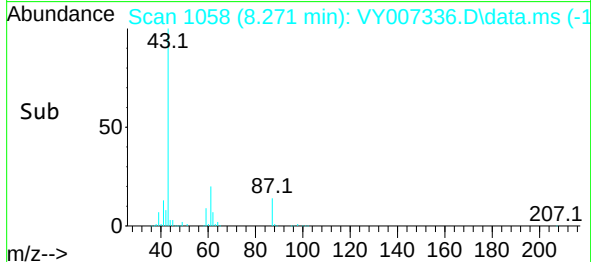
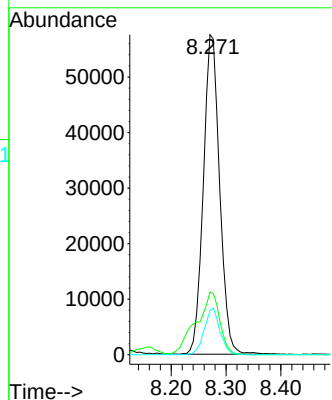
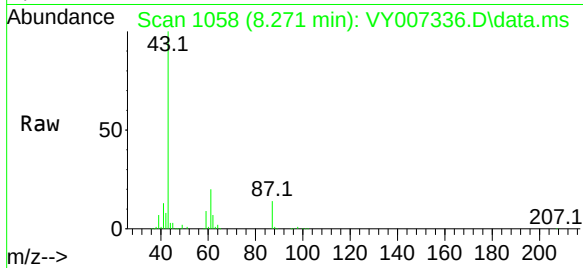




#43
Isopropyl Acetate
Concen: 55.029 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

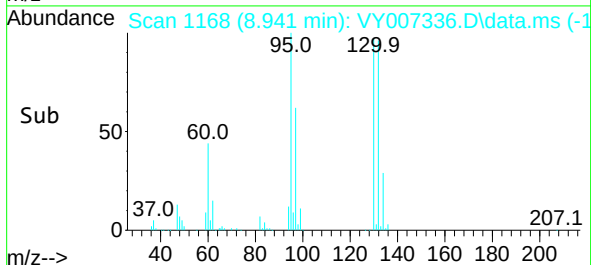
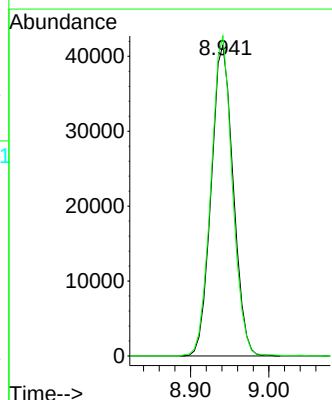
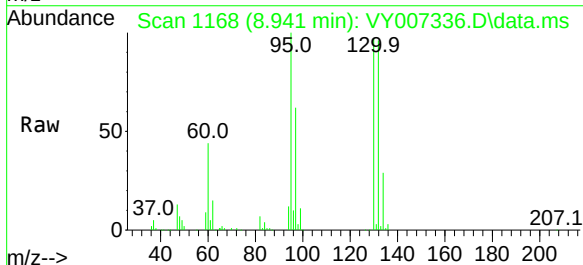
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

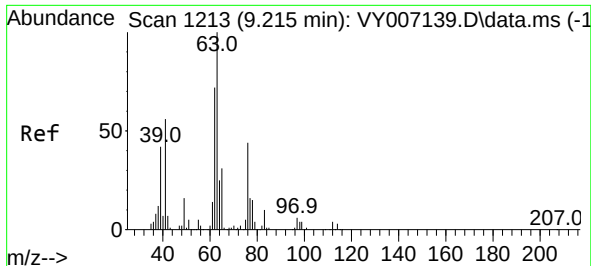
Tgt Ion: 43 Resp: 118516
Ion Ratio Lower Upper
43 100
61 28.3 23.8 35.8
87 13.9 11.6 17.4



#44
Trichloroethene
Concen: 51.923 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 130 Resp: 80835
Ion Ratio Lower Upper
130 100
95 102.9 0.0 196.6





#45

1,2-Dichloropropane

Concen: 52.049 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

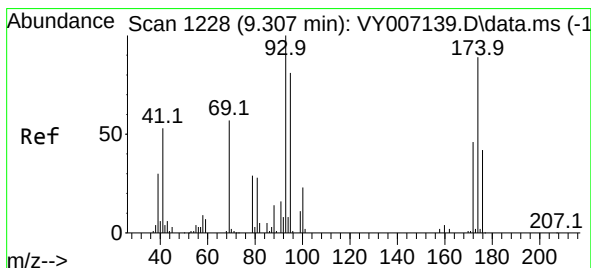
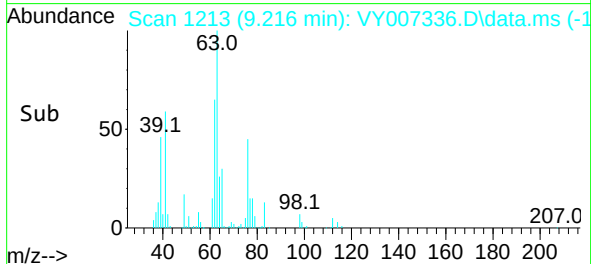
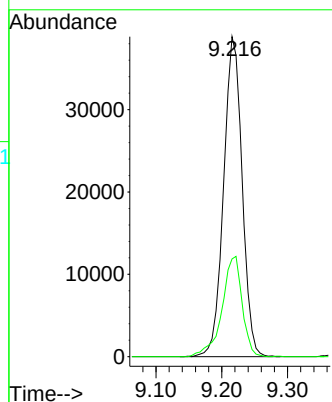
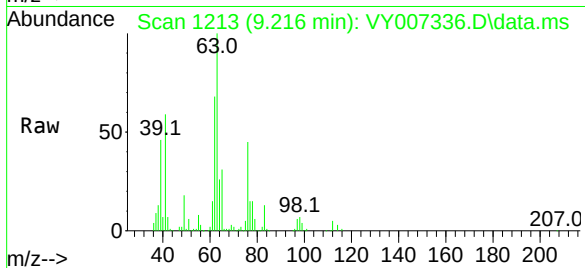
VSTDCCC050EC

Tgt Ion: 63 Resp: 76148

Ion Ratio Lower Upper

63 100

65 30.6 26.9 40.3



#46

Dibromomethane

Concen: 53.695 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

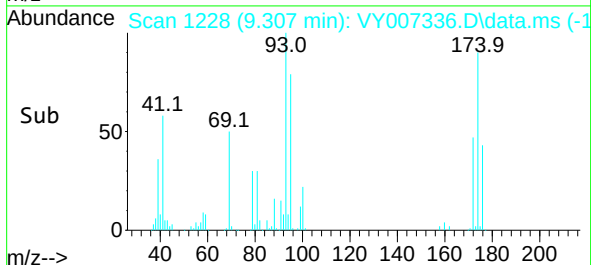
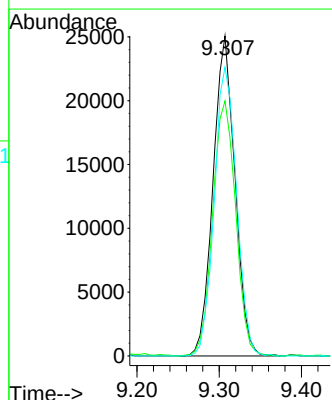
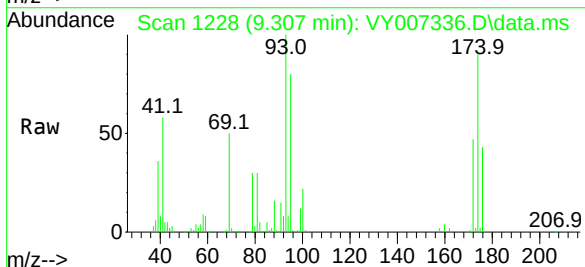
Tgt Ion: 93 Resp: 46454

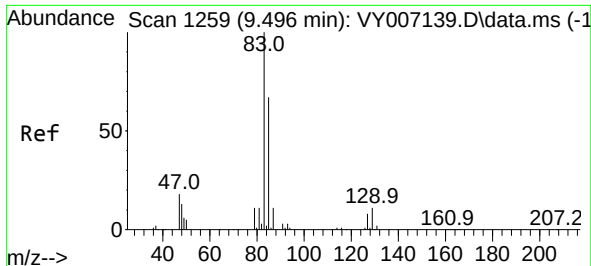
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

174 92.0 75.4 113.0

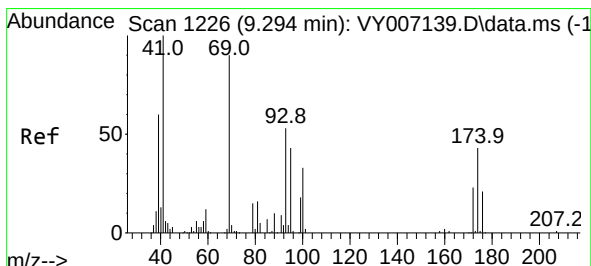
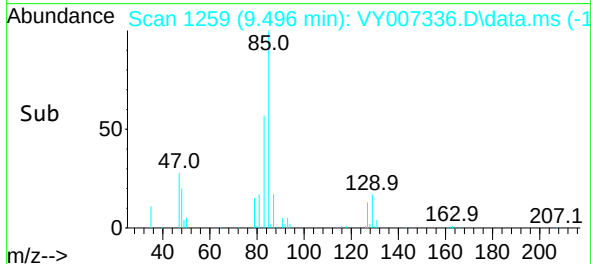
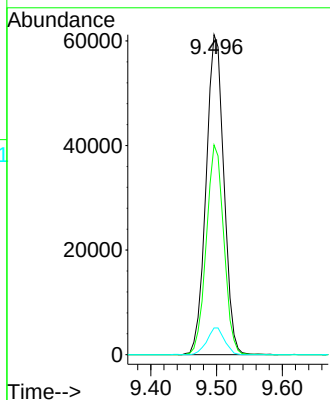
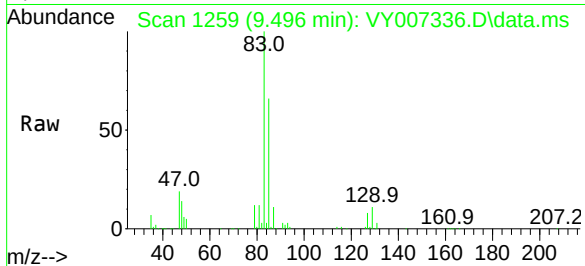




#47
Bromodichloromethane
Concen: 54.079 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

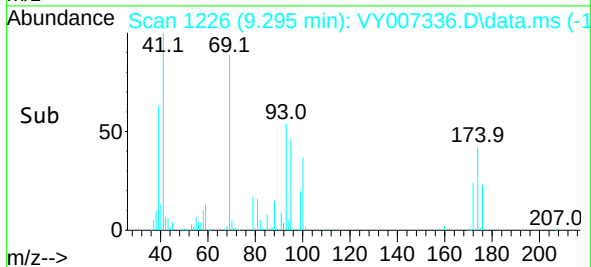
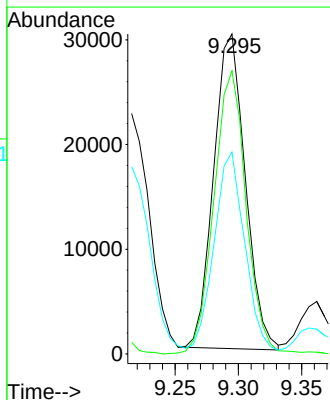
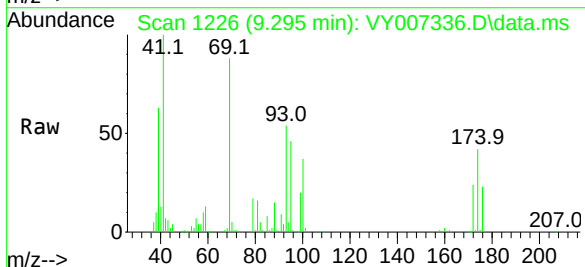
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

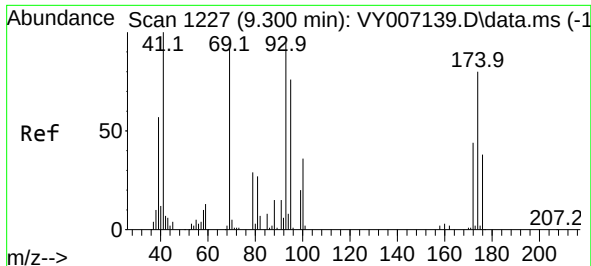
Tgt Ion: 83 Resp: 115019
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 53.274 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 41 Resp: 52187
Ion Ratio Lower Upper
41 100
69 91.7 70.5 105.7
39 60.4 43.8 65.8

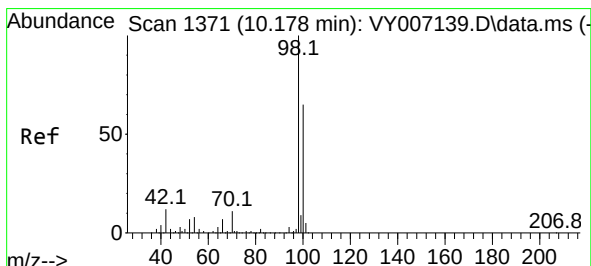
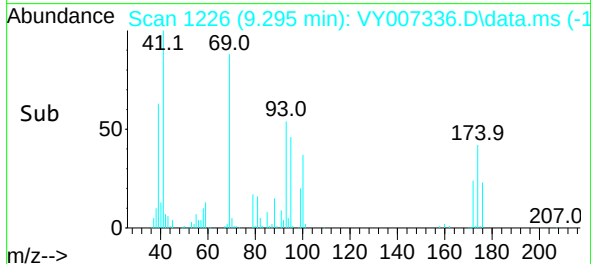
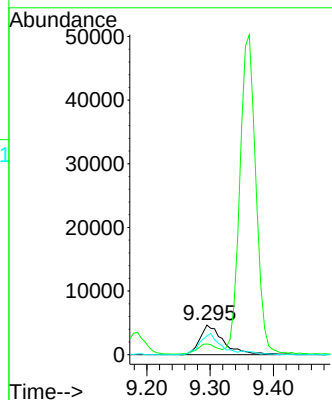
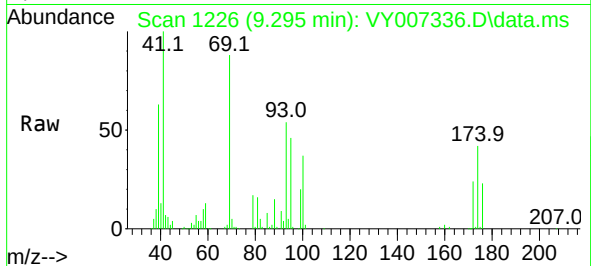




#49
1,4-Dioxane
Concen: 1303.355 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

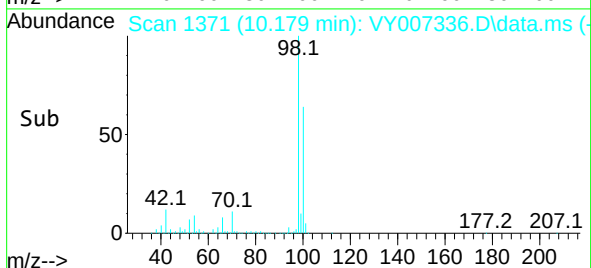
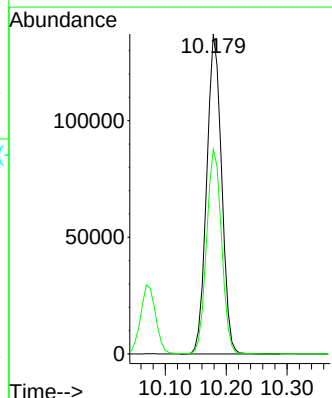
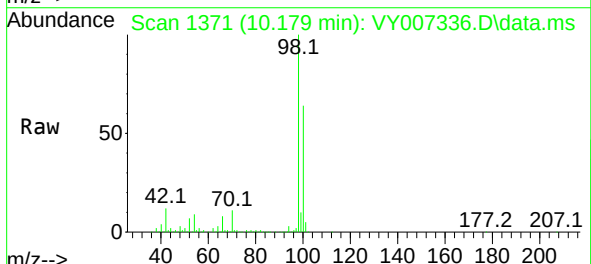
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

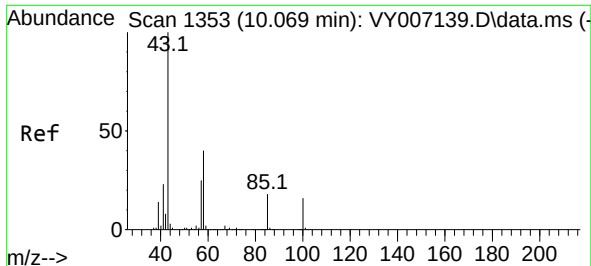
Tgt Ion: 88 Resp: 12158
Ion Ratio Lower Upper
88 100
43 30.3 22.0 33.0
58 60.6 58.6 87.8



#50
Toluene-d8
Concen: 47.230 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 98 Resp: 233048
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

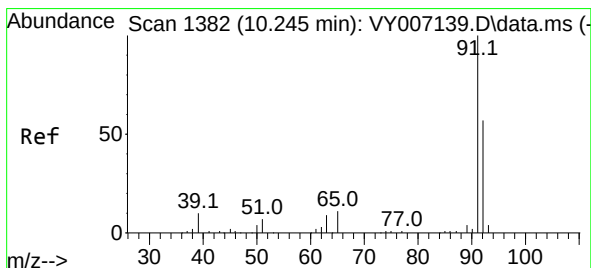
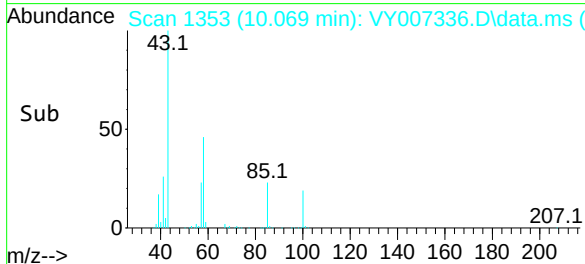
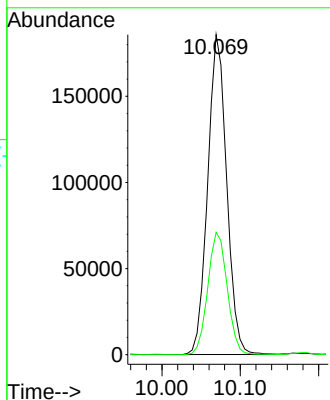
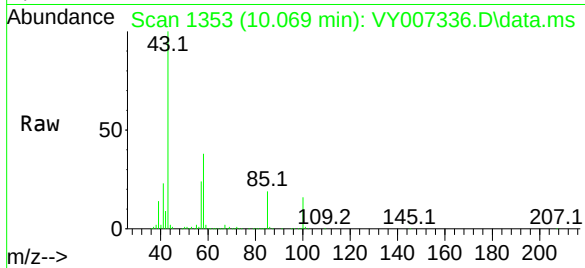




#51
4-Methyl-2-Pentanone
Concen: 285.824 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

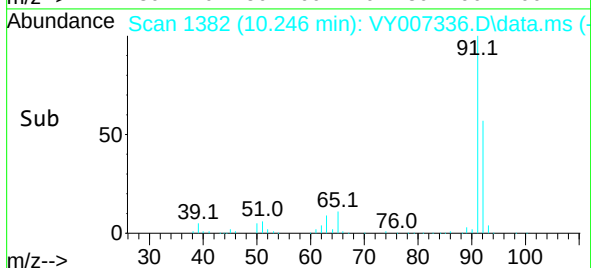
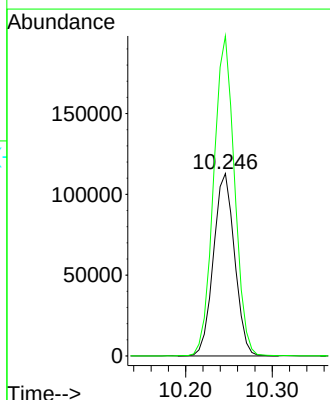
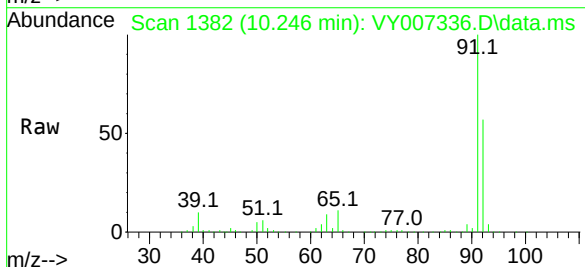
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

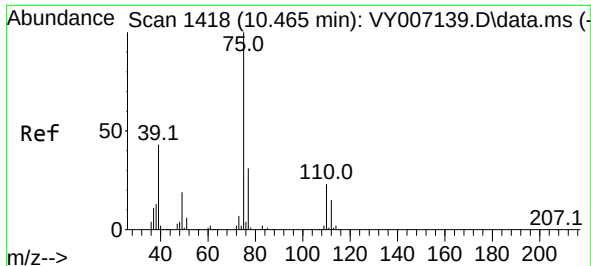
Tgt Ion: 43 Resp: 312127
Ion Ratio Lower Upper
43 100
58 39.3 32.8 49.2



#52
Toluene
Concen: 52.427 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 92 Resp: 191186
Ion Ratio Lower Upper
92 100
91 173.8 138.6 207.8

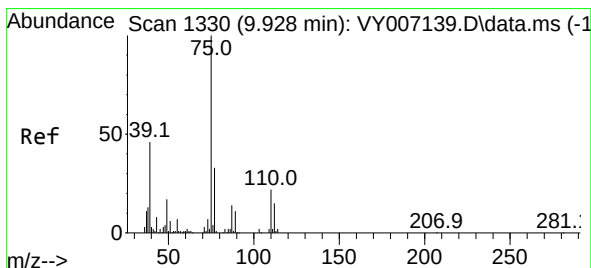
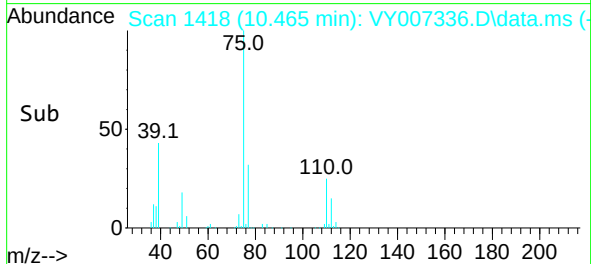
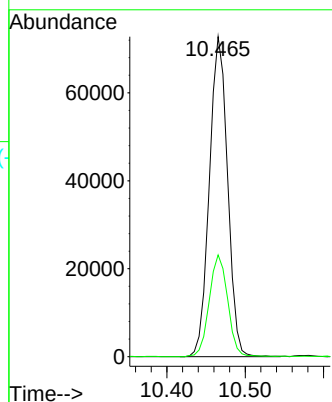
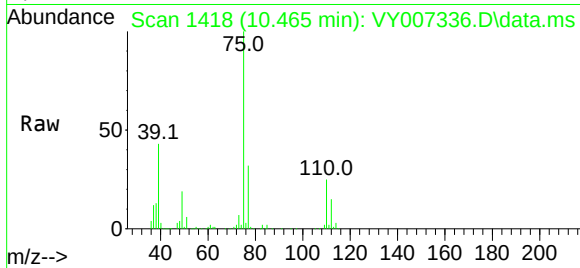




#53
t-1,3-Dichloropropene
Concen: 52.299 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

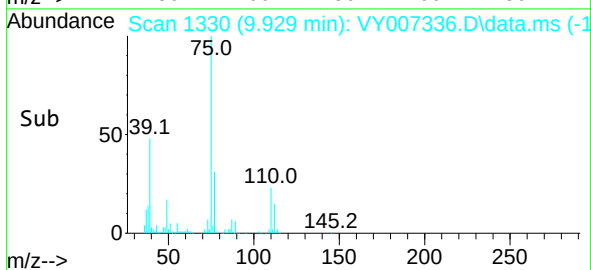
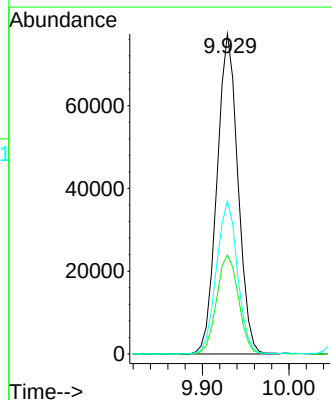
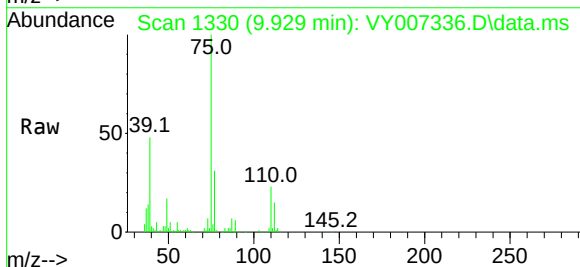
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

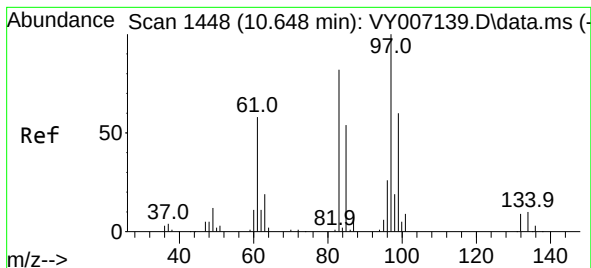
Tgt Ion: 75 Resp: 117418
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 51.659 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 75 Resp: 129827
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 47.8 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 54.839 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 64353

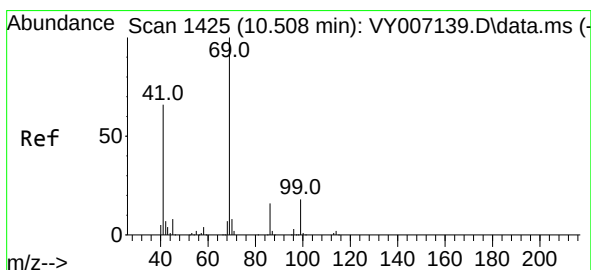
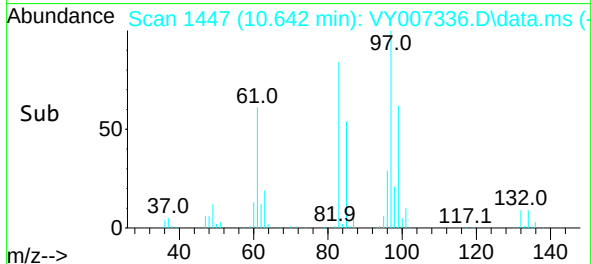
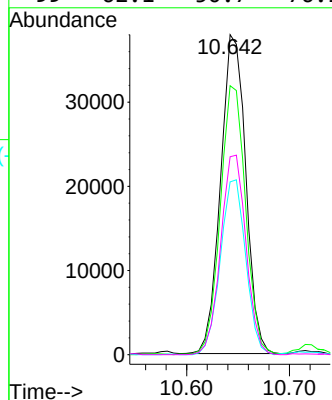
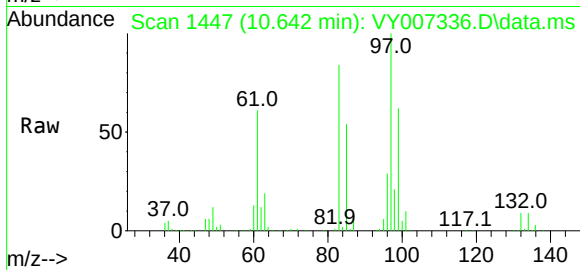
Ion Ratio Lower Upper

97 100

83 84.2 67.0 100.4

85 54.2 41.2 61.8

99 62.1 50.7 76.1



#56

Ethyl methacrylate

Concen: 54.988 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

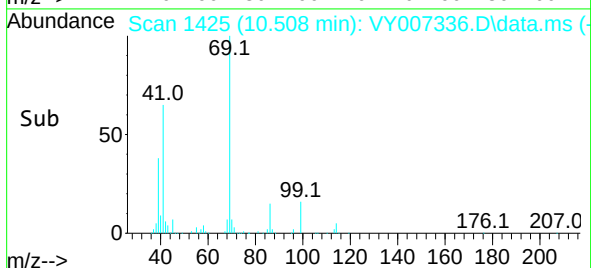
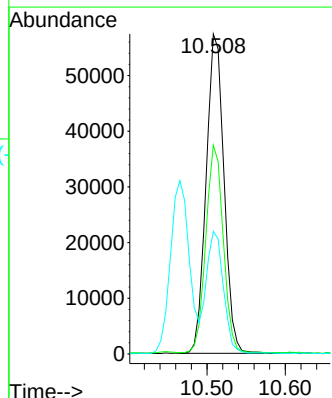
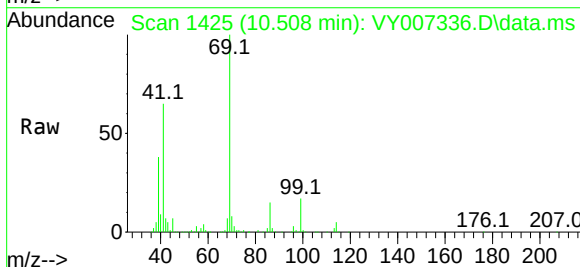
Tgt Ion: 69 Resp: 90907

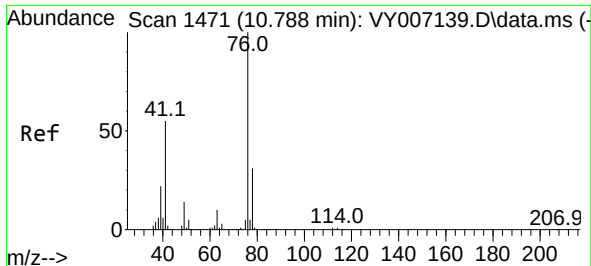
Ion Ratio Lower Upper

69 100

41 63.1 49.4 74.0

39 36.1 27.7 41.5





#57

1,3-Dichloropropane

Concen: 54.291 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

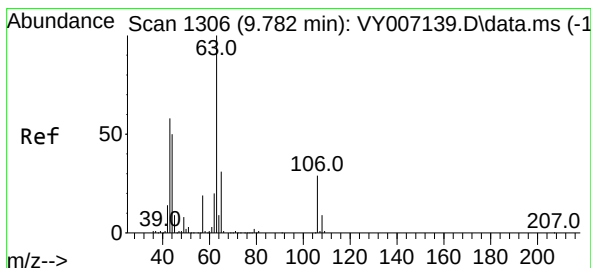
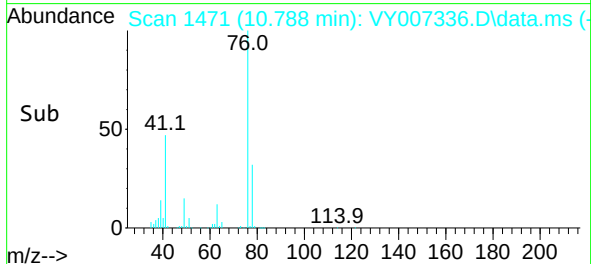
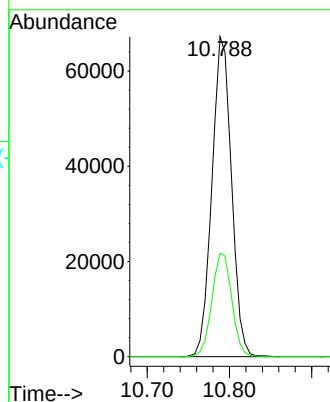
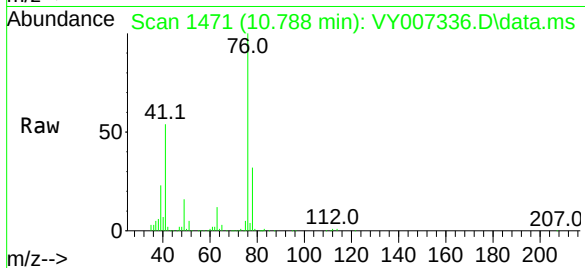
VSTDCCC050EC

Tgt Ion: 76 Resp: 111052

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 221.713 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007336.D

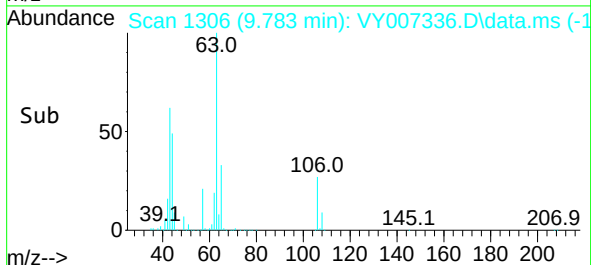
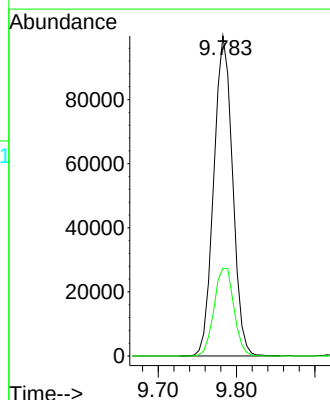
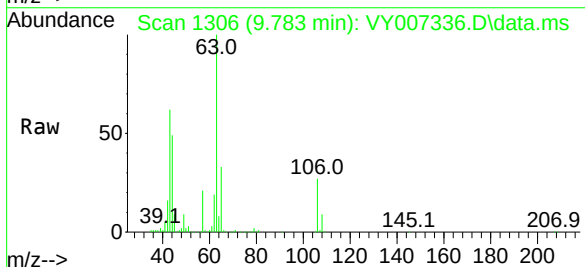
Acq: 28 Jan 2022 21:12

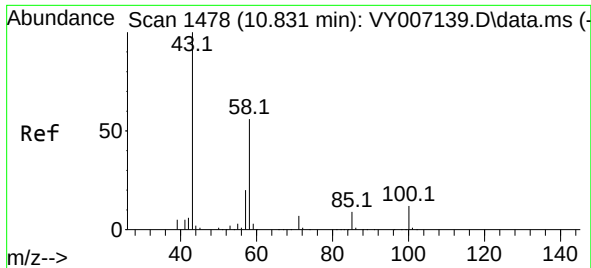
Tgt Ion: 63 Resp: 166671

Ion Ratio Lower Upper

63 100

106 28.9 23.3 34.9

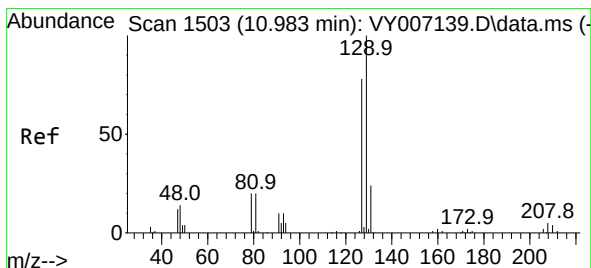
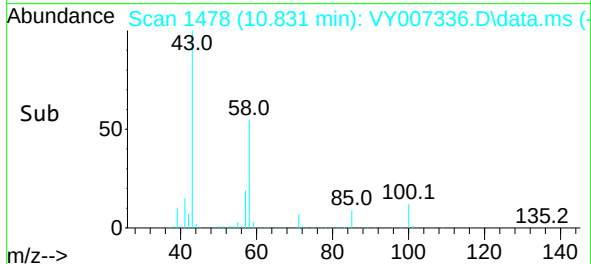
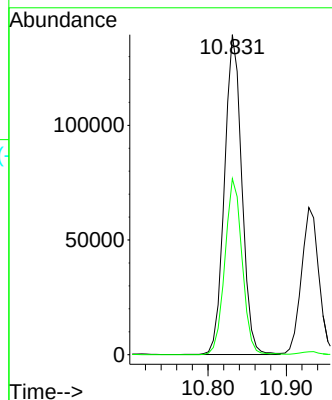
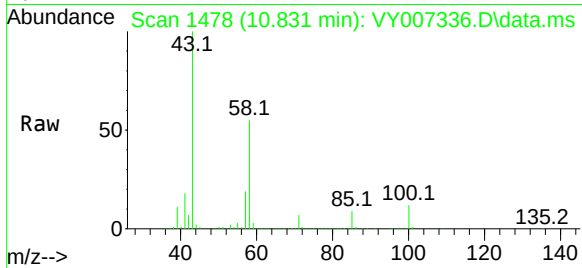




#59
2-Hexanone
Concen: 289.794 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

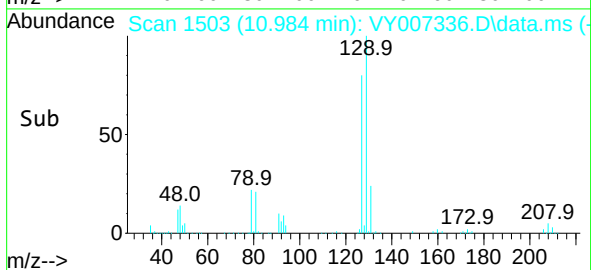
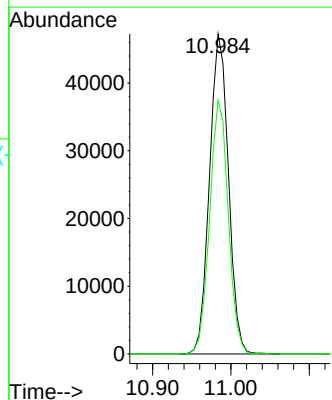
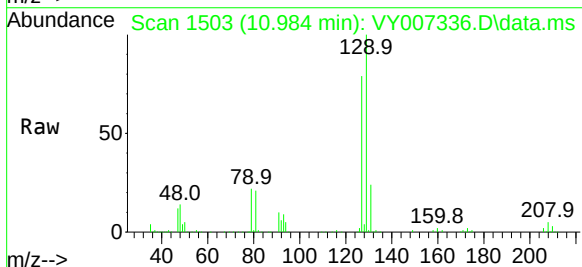
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

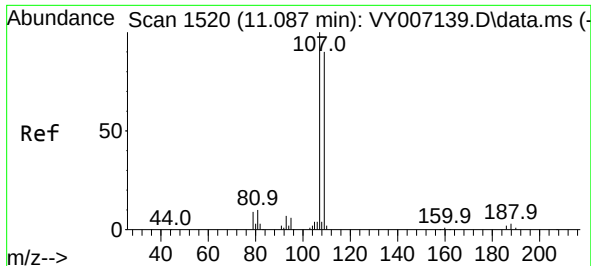
Tgt Ion: 43 Resp: 214770
Ion Ratio Lower Upper
43 100
58 54.7 28.4 85.3



#60
Dibromochloromethane
Concen: 54.898 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 129 Resp: 79194
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6

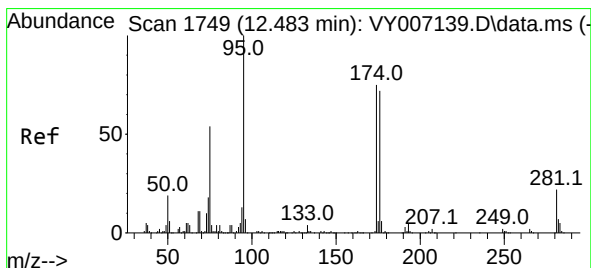
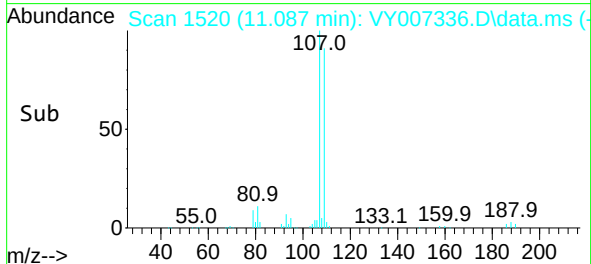
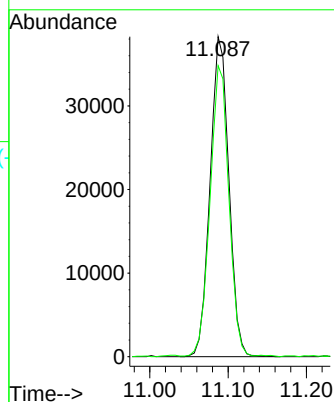
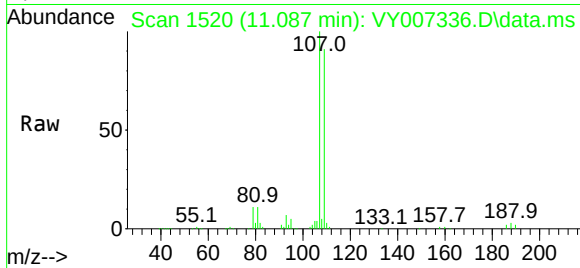




#61
1,2-Dibromoethane
Concen: 55.216 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

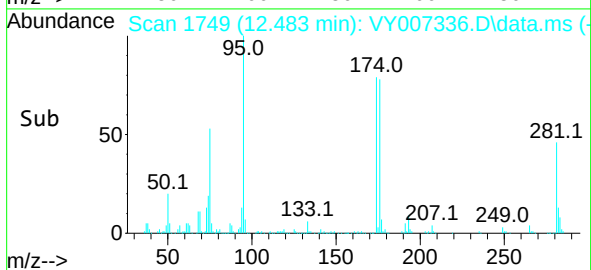
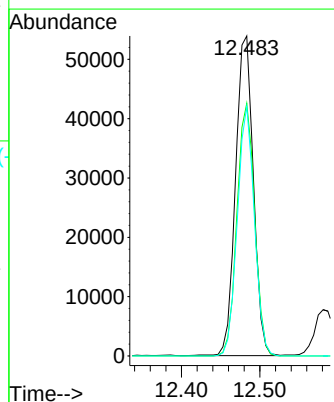
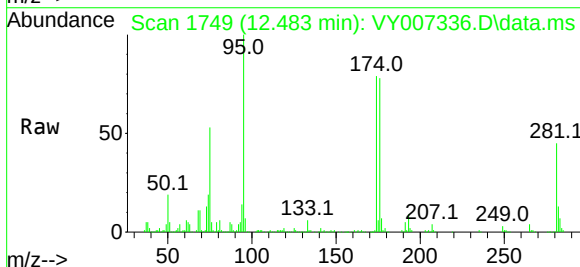
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

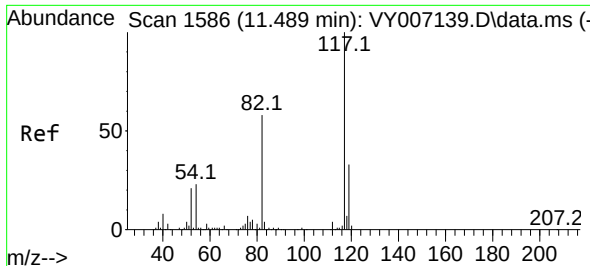
Tgt Ion:107 Resp: 63657
Ion Ratio Lower Upper
107 100
109 90.7 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 48.326 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 95 Resp: 84822
Ion Ratio Lower Upper
95 100
174 78.4 0.0 148.4
176 74.6 0.0 146.6

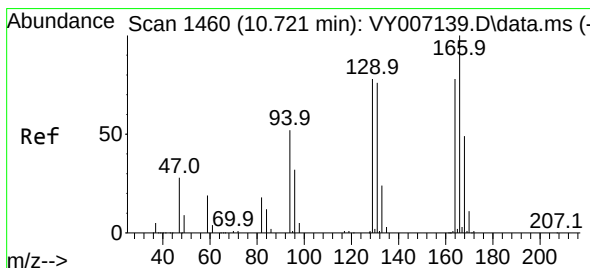
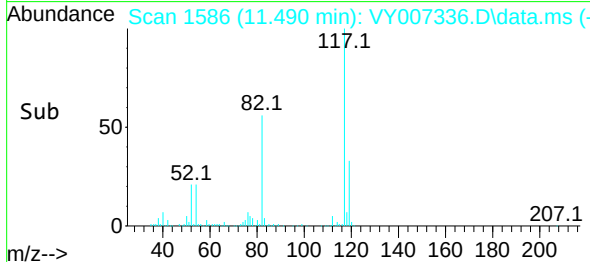
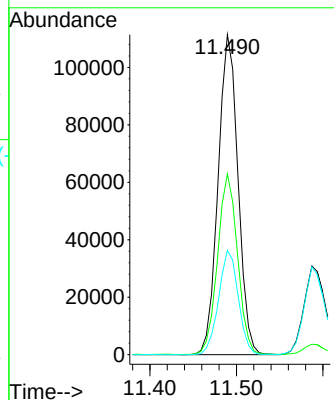
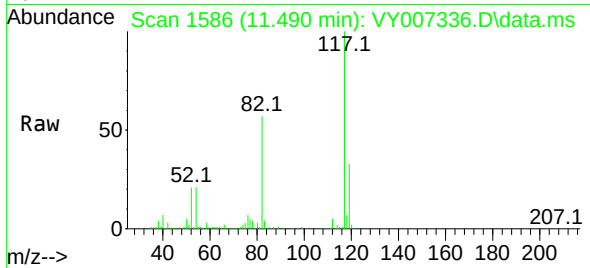




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

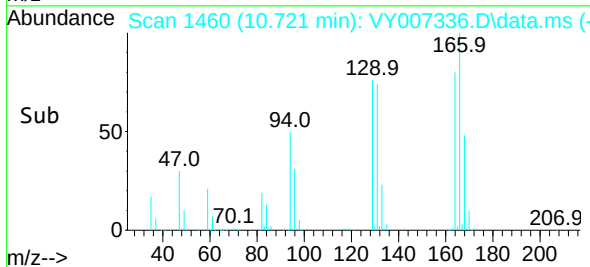
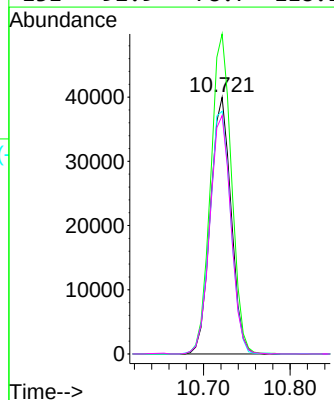
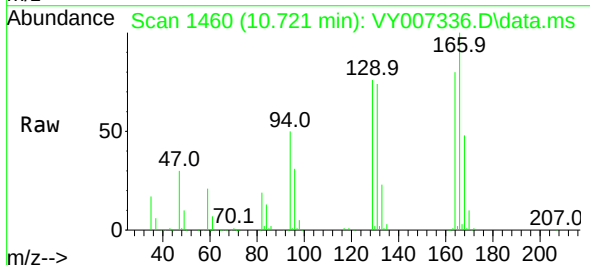
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

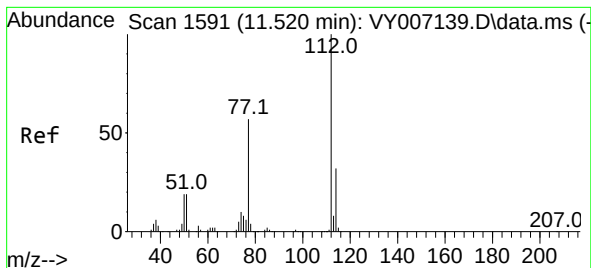
Tgt Ion:117 Resp: 177882
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.6 26.4 39.6



#64
Tetrachloroethene
Concen: 51.453 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion:164 Resp: 65971
Ion Ratio Lower Upper
164 100
166 124.6 102.6 154.0
129 94.6 84.6 127.0
131 92.9 78.7 118.1





#65

Chlorobenzene

Concen: 53.172 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

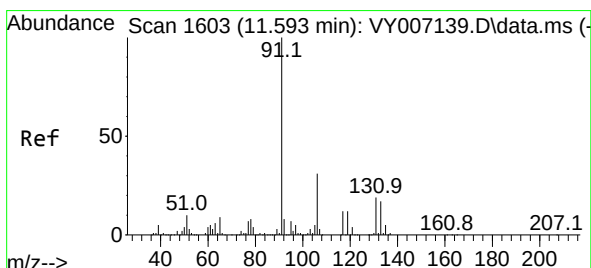
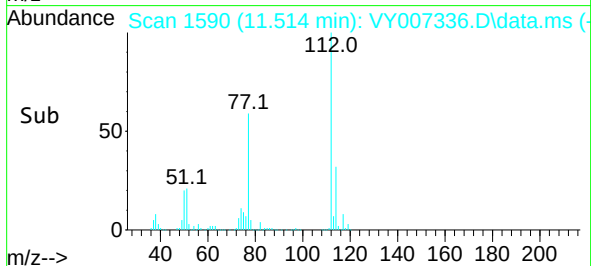
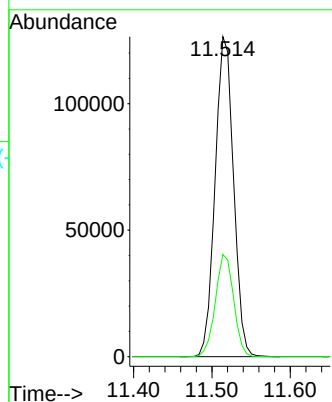
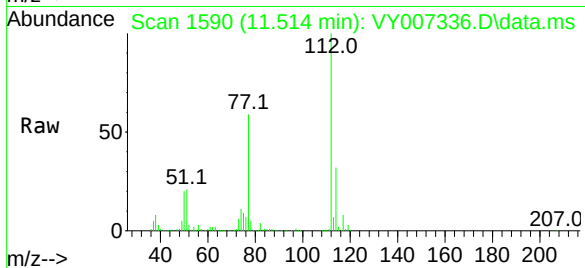
VSTDCCC050EC

Tgt Ion:112 Resp: 206812

Ion Ratio Lower Upper

112 100

114 32.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 54.246 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

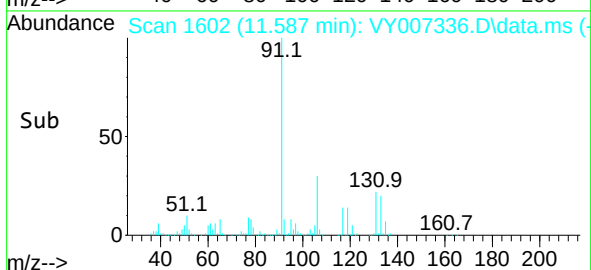
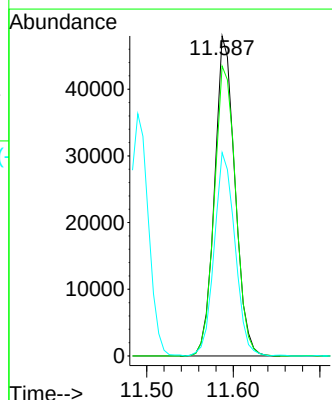
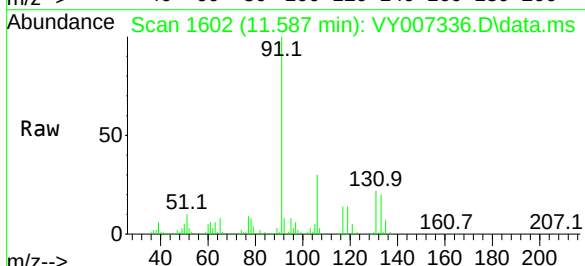
Tgt Ion:131 Resp: 78213

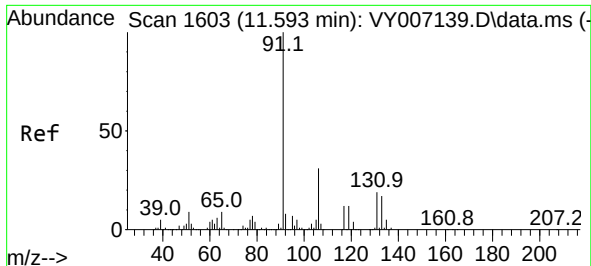
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.5

119 64.8 32.6 97.7





#67

Ethyl Benzene

Concen: 52.929 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

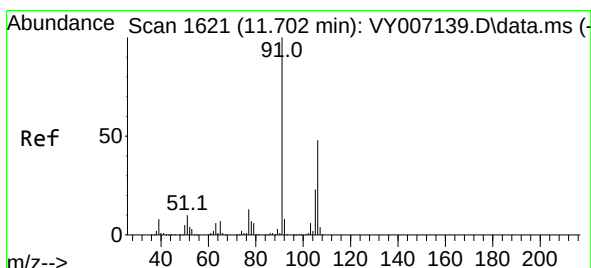
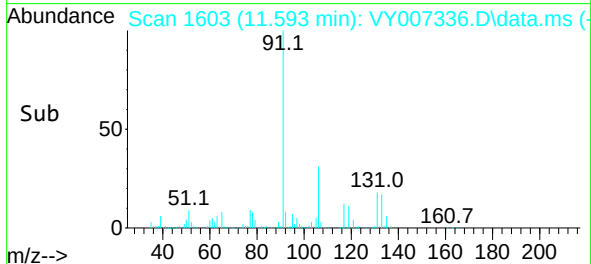
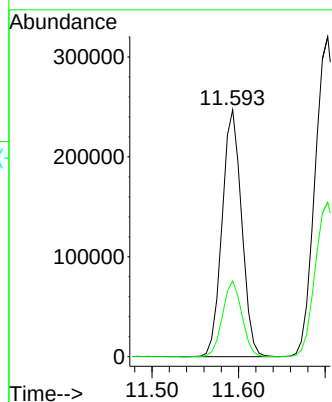
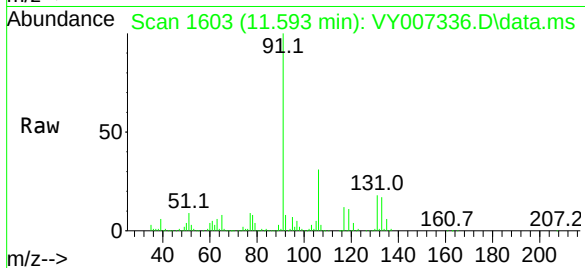
VSTDCCC050EC

Tgt Ion: 91 Resp: 386928

Ion Ratio Lower Upper

91 100

106 30.7 23.9 35.9



#68

m/p-Xylenes

Concen: 104.926 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007336.D

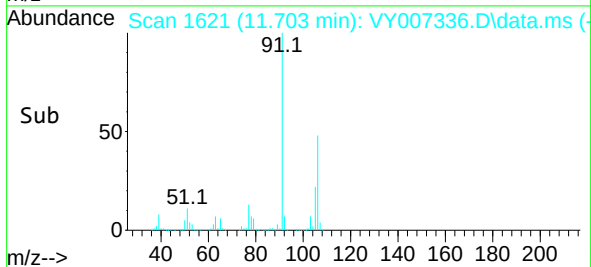
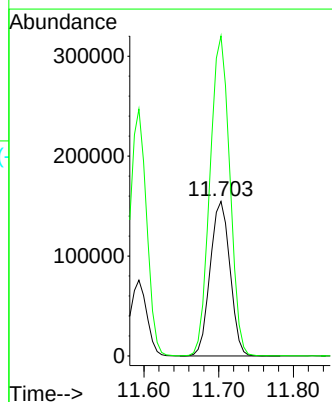
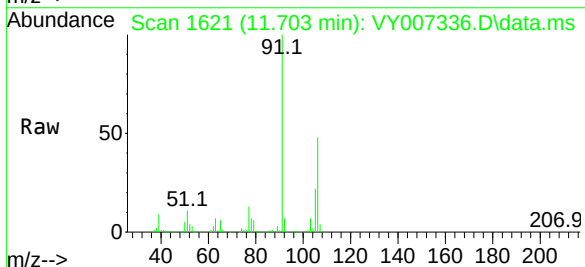
Acq: 28 Jan 2022 21:12

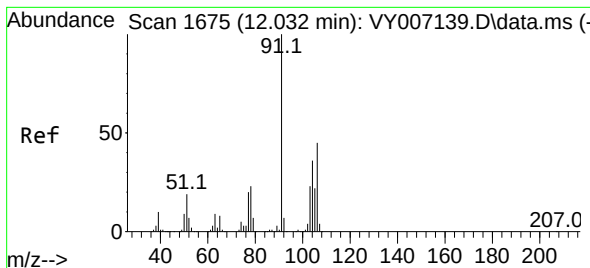
Tgt Ion:106 Resp: 285046

Ion Ratio Lower Upper

106 100

91 207.1 167.1 250.7





#69

o-Xylene

Concen: 53.359 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

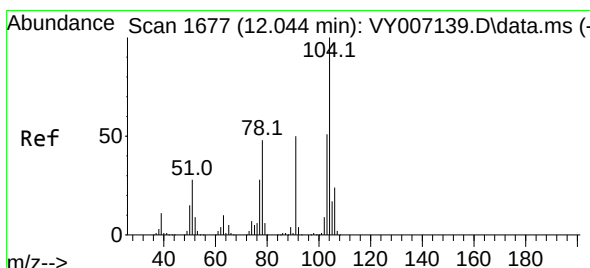
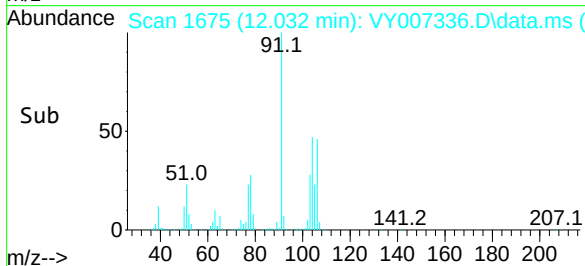
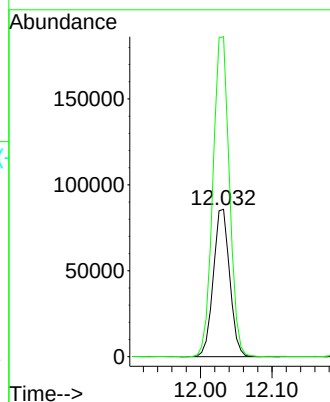
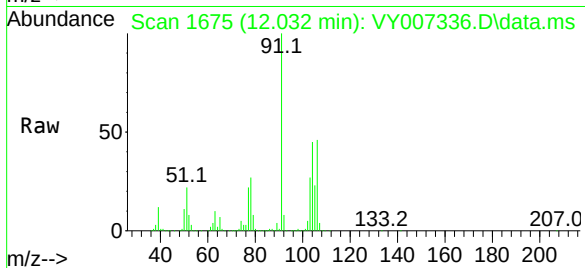
VSTDCCC050EC

Tgt Ion:106 Resp: 136510

Ion Ratio Lower Upper

106 100

91 219.1 109.9 329.6



#70

Styrene

Concen: 54.424 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

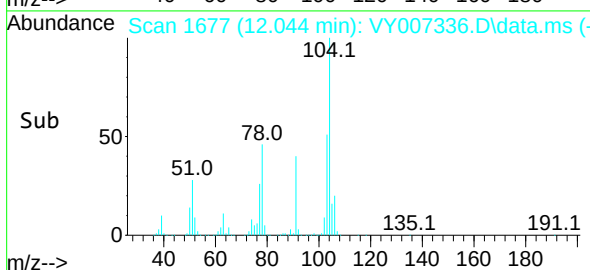
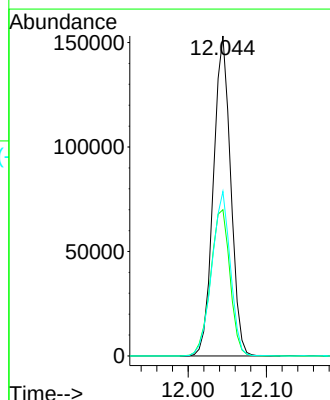
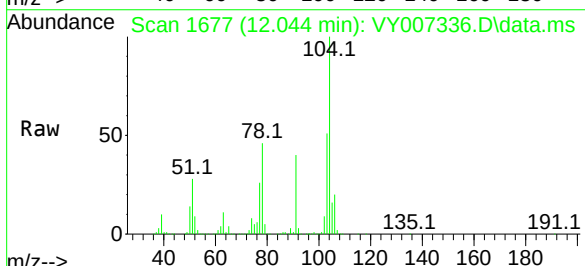
Tgt Ion:104 Resp: 234884

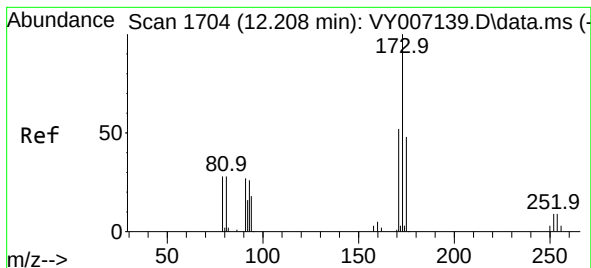
Ion Ratio Lower Upper

104 100

78 51.5 41.4 62.0

103 55.0 44.2 66.2





#71

Bromoform

Concen: 57.249 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

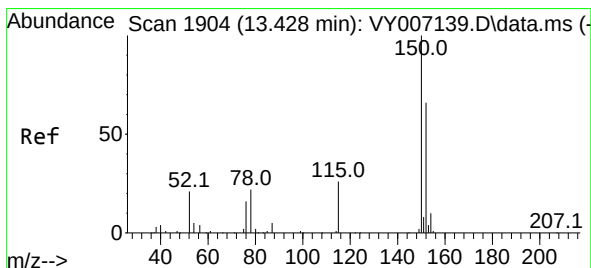
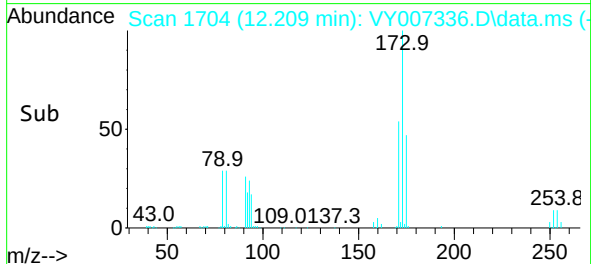
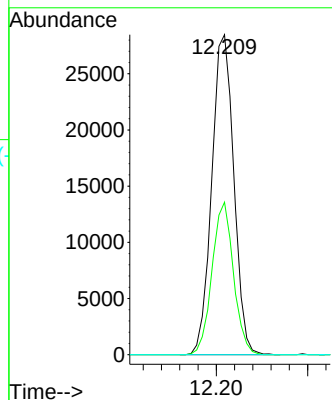
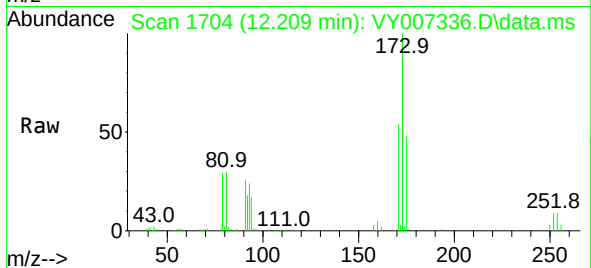
Tgt Ion:173 Resp: 47745

Ion Ratio Lower Upper

173 100

175 46.3 24.8 74.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

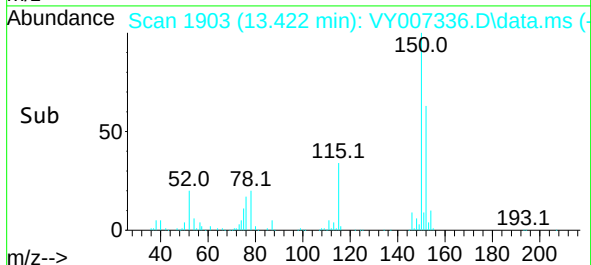
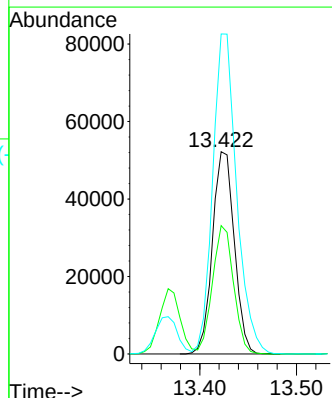
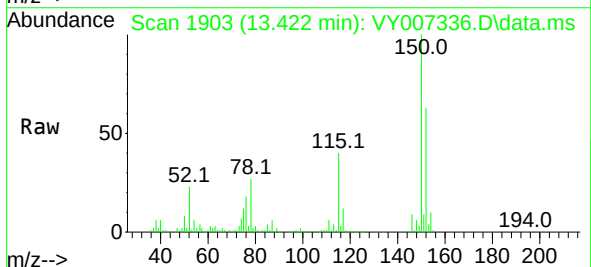
Tgt Ion:152 Resp: 82134

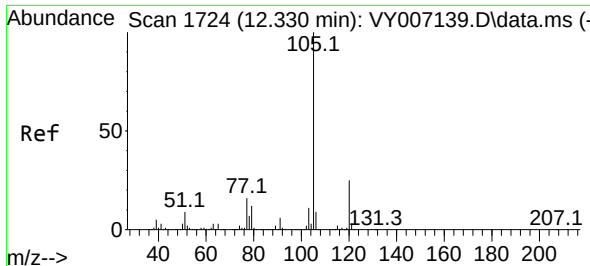
Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.0

150 173.0 0.0 348.4

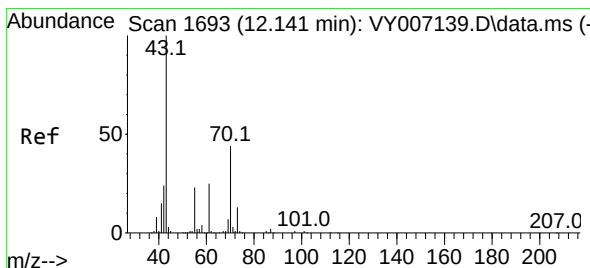
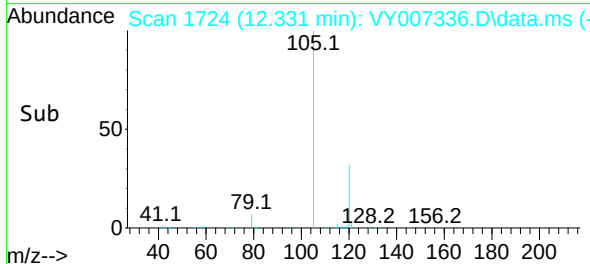
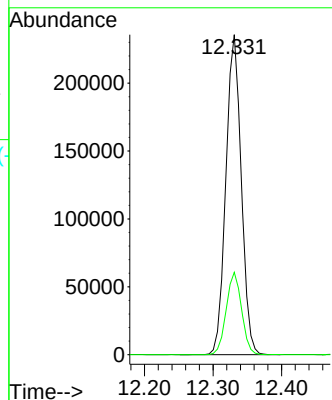
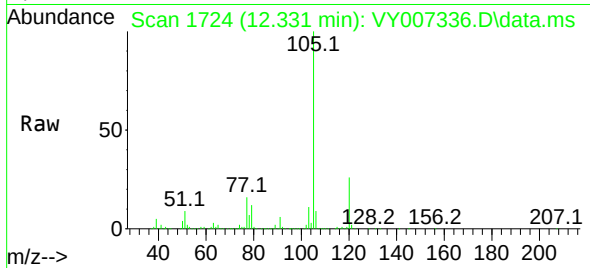




#73
Isopropylbenzene
Concen: 51.686 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

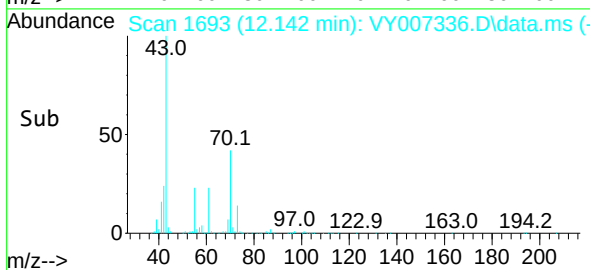
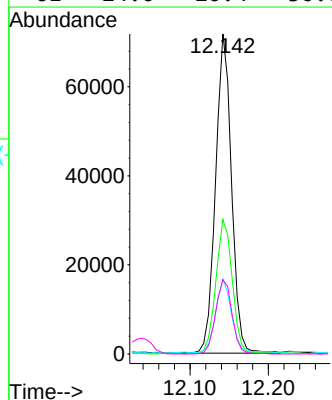
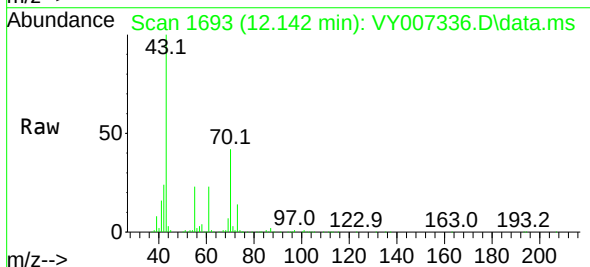
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

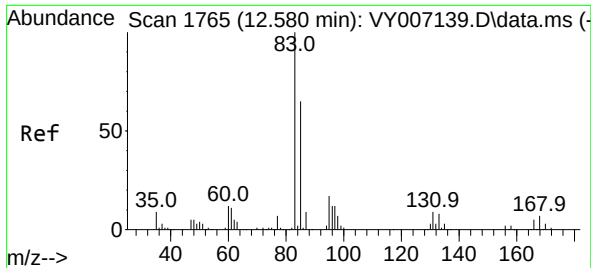
Tgt Ion:105 Resp: 366663
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 53.535 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 43 Resp: 101555
Ion Ratio Lower Upper
43 100
70 43.1 36.2 54.4
55 22.9 19.0 28.4
61 24.0 20.4 30.6

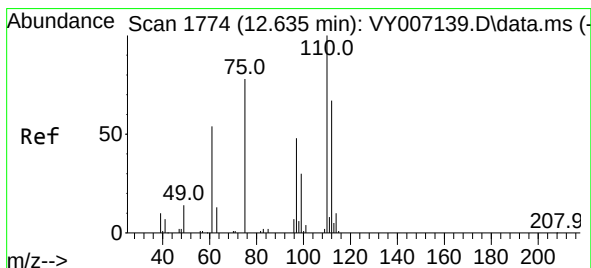
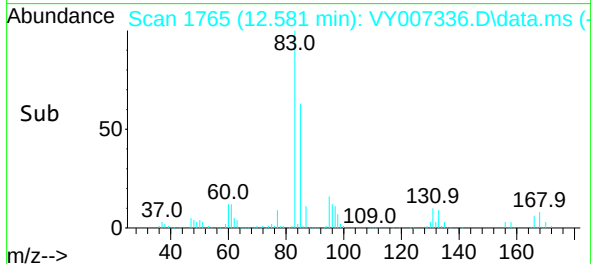
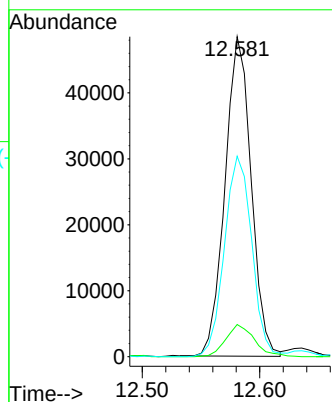
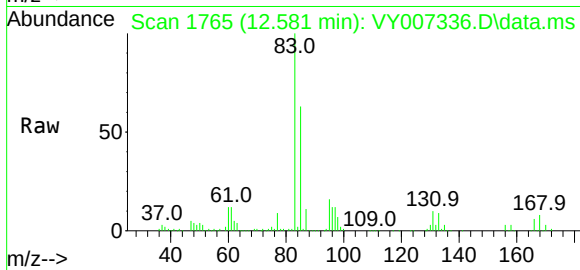




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.434 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY007336.D
 Acq: 28 Jan 2022 21:12

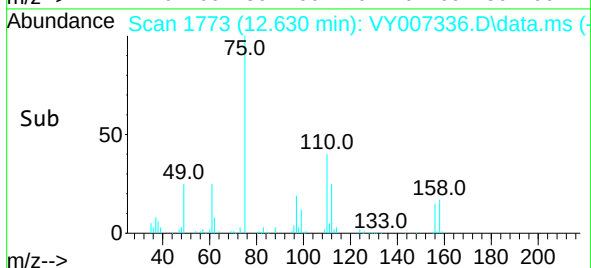
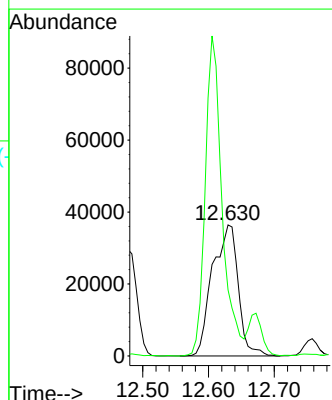
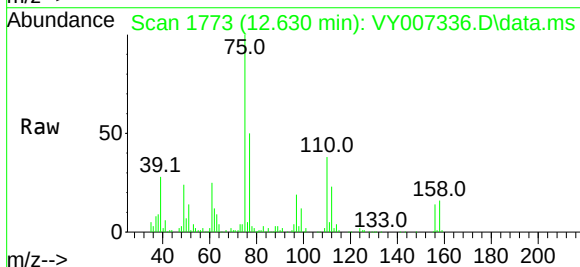
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

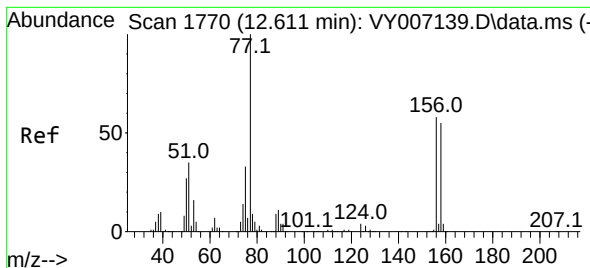
Tgt Ion: 83 Resp: 75089
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.3 16.1
 85 65.8 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 105.979 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY007336.D
 Acq: 28 Jan 2022 21:12

Tgt Ion: 75 Resp: 99254
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.273 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

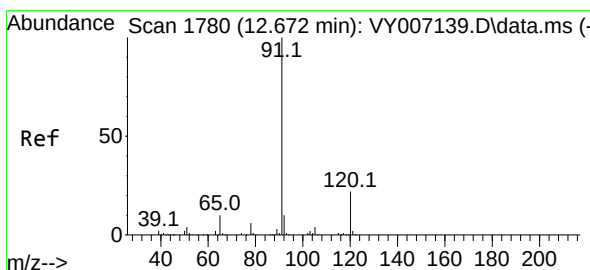
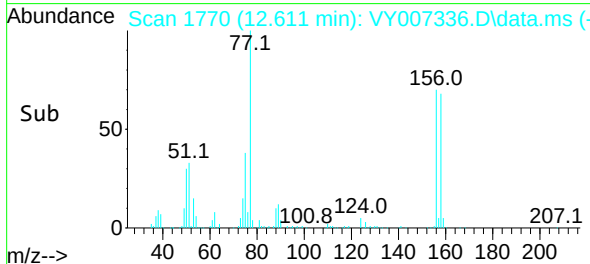
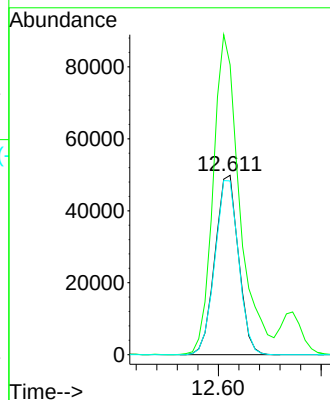
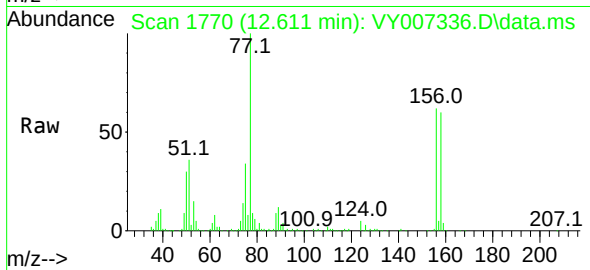
Tgt Ion:156 Resp: 79145

Ion Ratio Lower Upper

156 100

77 200.8 98.7 296.1

158 98.0 48.4 145.2



#78

n-propylbenzene

Concen: 50.456 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007336.D

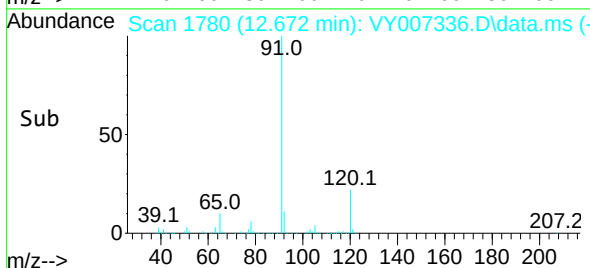
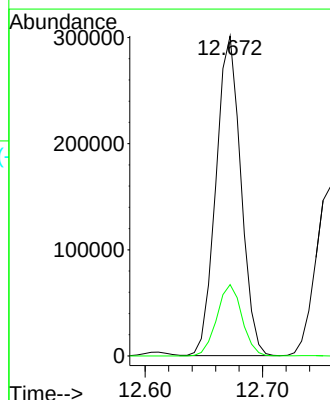
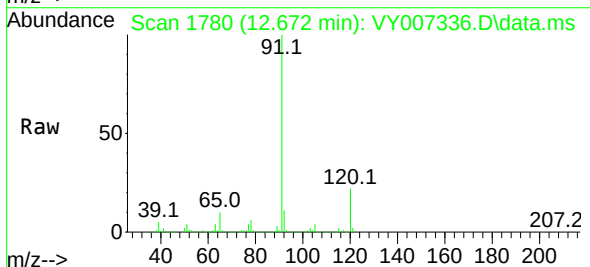
Acq: 28 Jan 2022 21:12

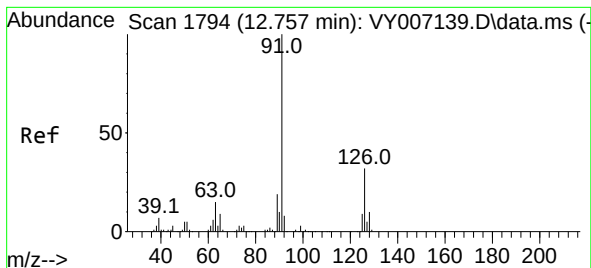
Tgt Ion: 91 Resp: 443713

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5





#79

2-Chlorotoluene

Concen: 50.973 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

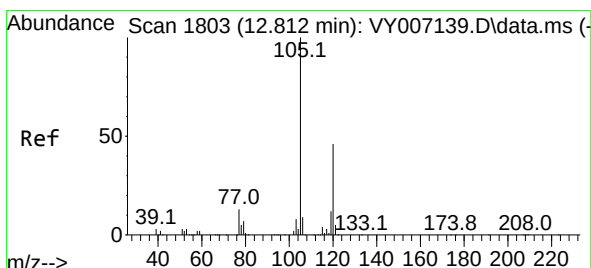
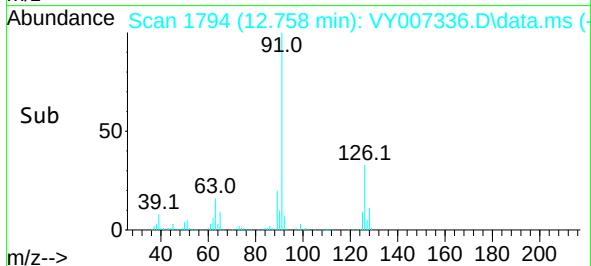
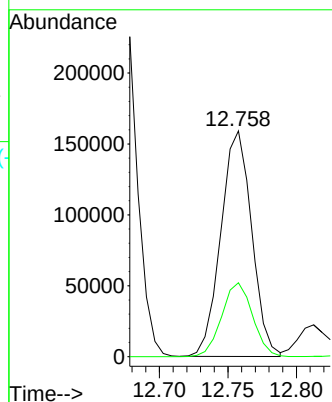
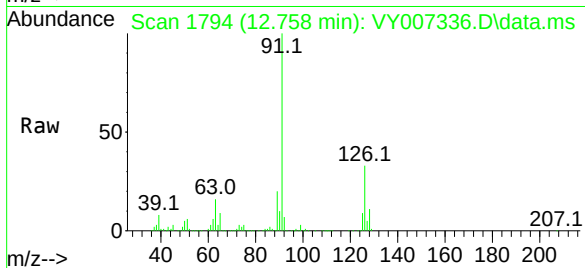
VSTDCCC050EC

Tgt Ion: 91 Resp: 249231

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 50.763 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007336.D

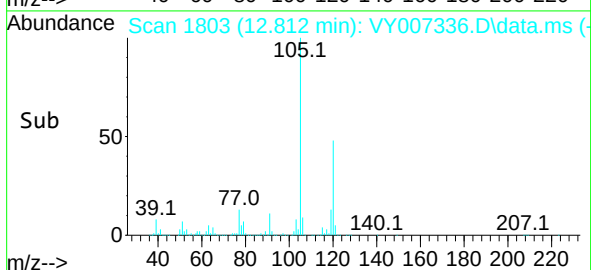
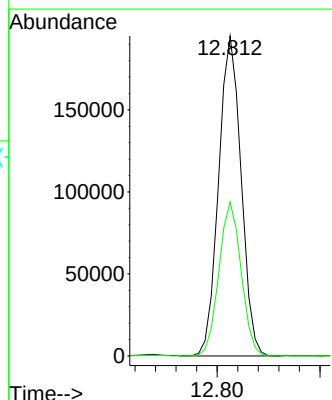
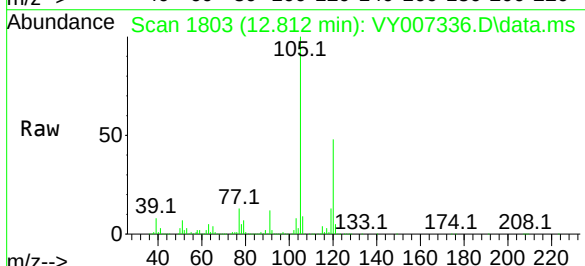
Acq: 28 Jan 2022 21:12

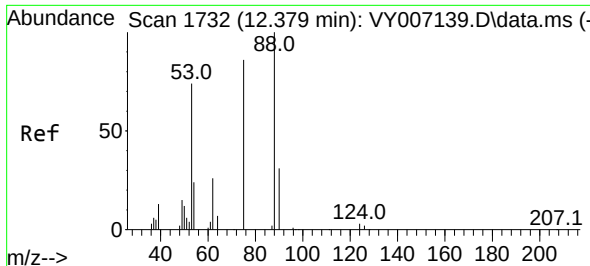
Tgt Ion:105 Resp: 295680

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1

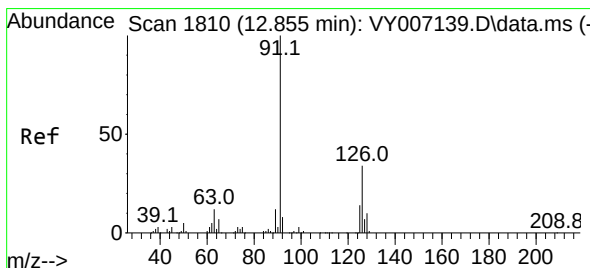
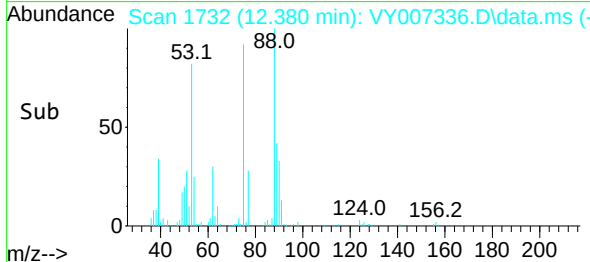
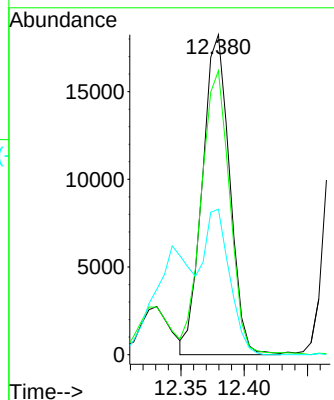
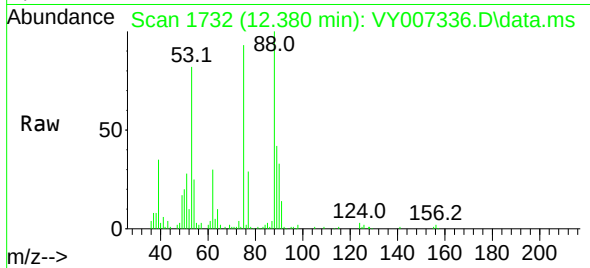




#81
trans-1,4-Dichloro-2-butene
Concen: 53.527 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

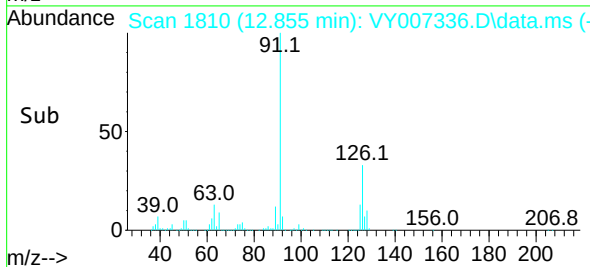
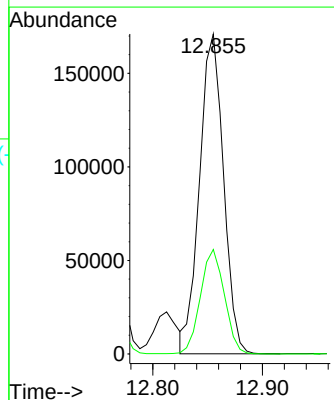
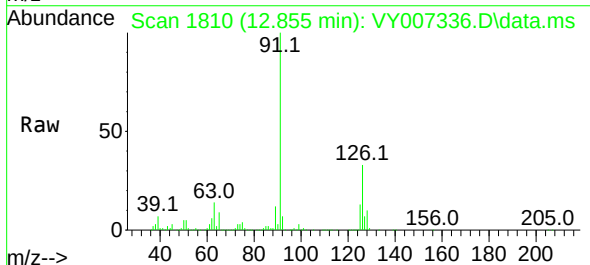
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

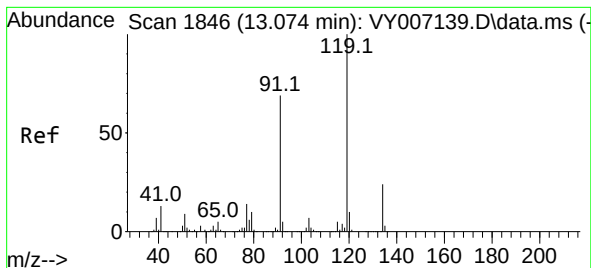
Tgt Ion: 75 Resp: 27383
Ion Ratio Lower Upper
75 100
53 92.6 73.9 110.9
89 43.1 0.0 0.0#



#82
4-Chlorotoluene
Concen: 50.869 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 91 Resp: 259452
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9





#83

tert-Butylbenzene

Concen: 52.650 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

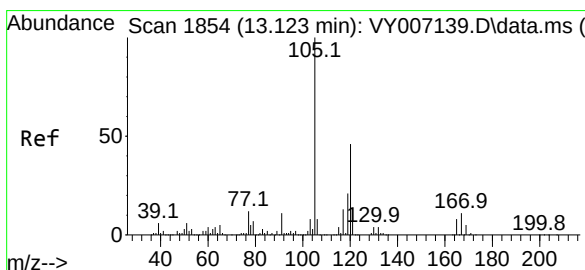
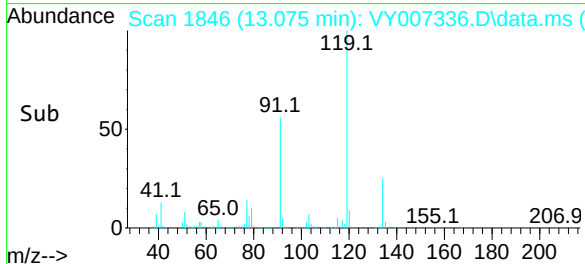
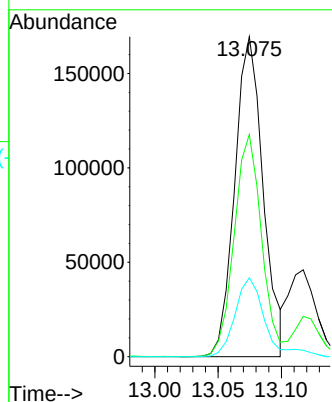
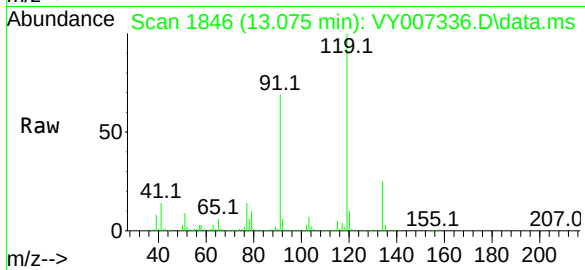
Tgt Ion:119 Resp: 264987

Ion Ratio Lower Upper

119 100

91 66.7 33.1 99.5

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 50.689 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY007336.D

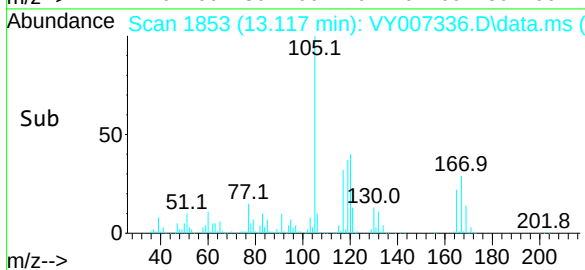
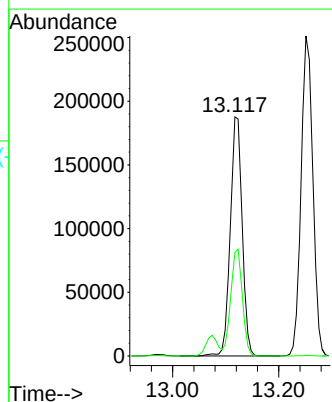
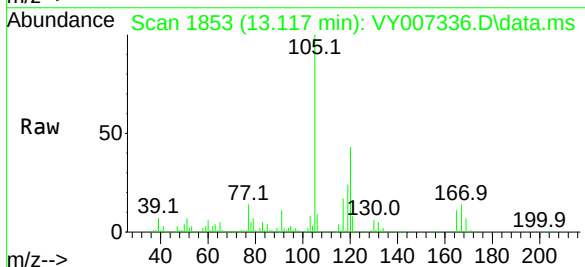
Acq: 28 Jan 2022 21:12

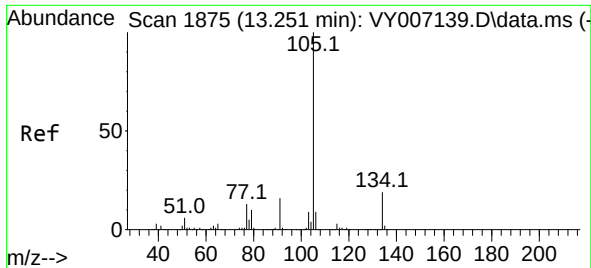
Tgt Ion:105 Resp: 292655

Ion Ratio Lower Upper

105 100

120 43.8 21.6 64.6

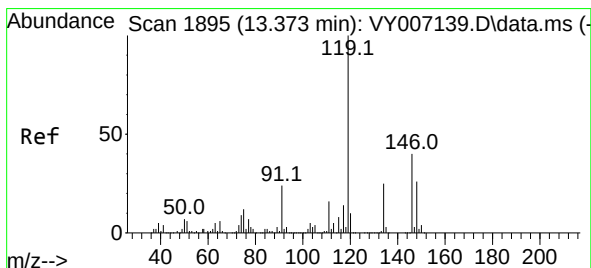
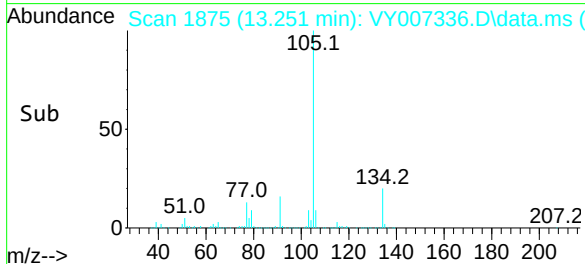
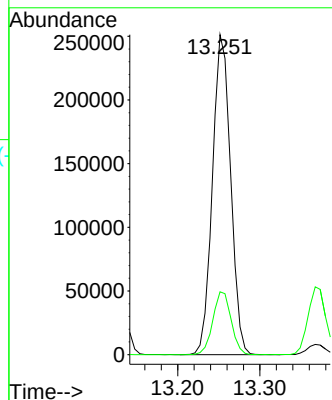
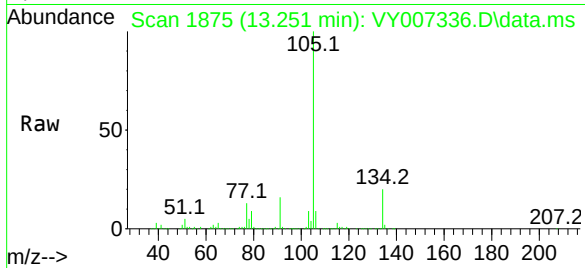




#85
 sec-Butylbenzene
 Concen: 51.268 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007336.D
 Acq: 28 Jan 2022 21:12

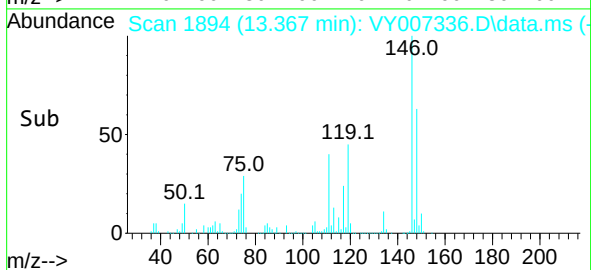
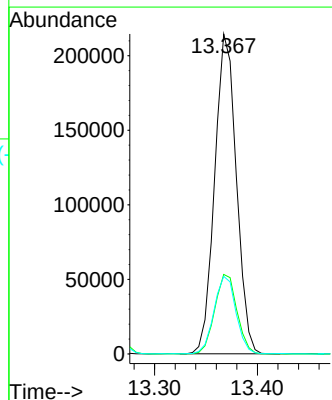
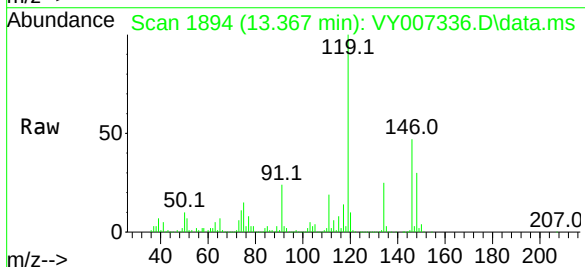
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

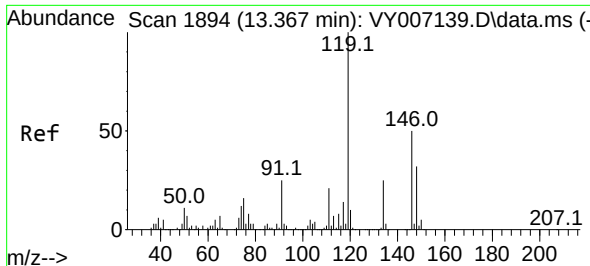
Tgt Ion:105 Resp: 386027
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 50.761 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY007336.D
 Acq: 28 Jan 2022 21:12

Tgt Ion:119 Resp: 314092
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.5 12.4 37.2

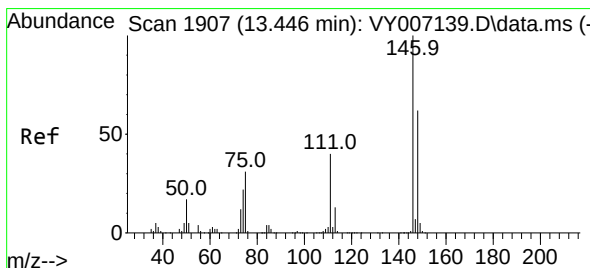
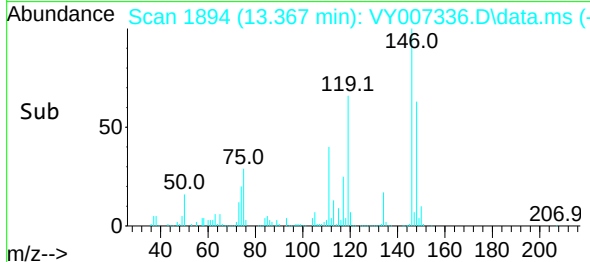
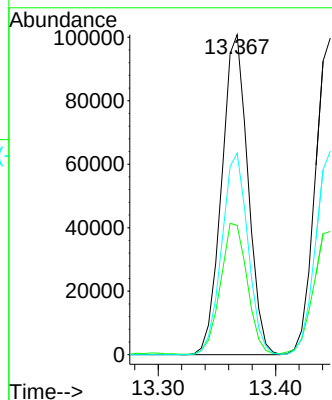
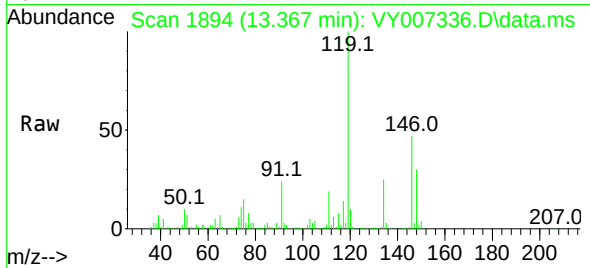




#87
1,3-Dichlorobenzene
Concen: 51.766 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

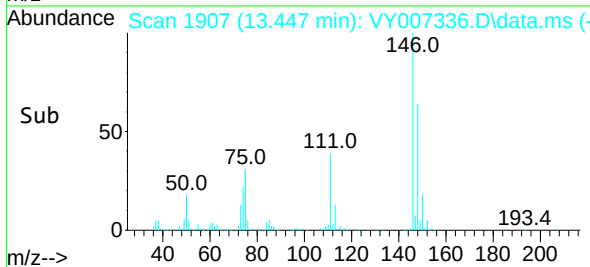
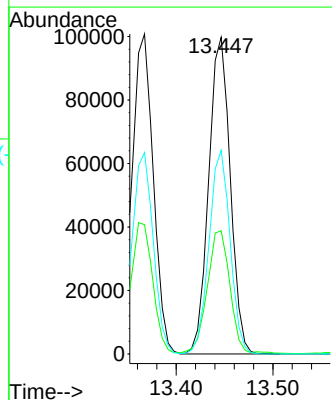
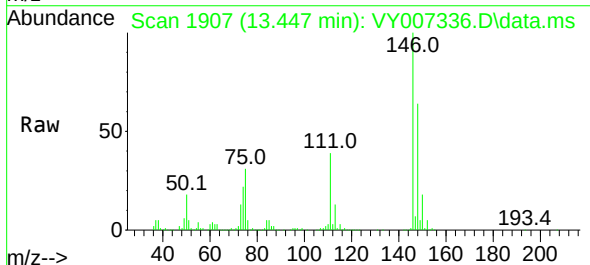
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

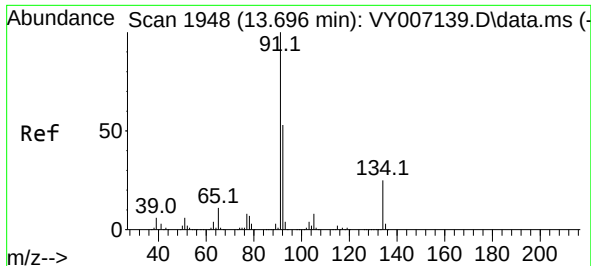
Tgt Ion:146 Resp: 156403
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.1
148 62.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.862 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion:146 Resp: 154523
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 63.0 32.0 96.2

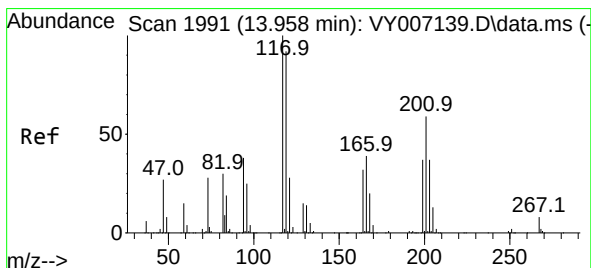
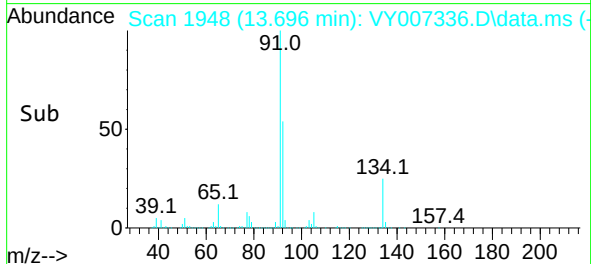
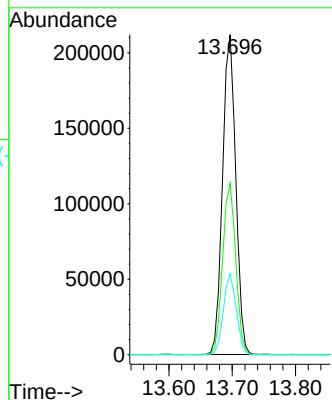
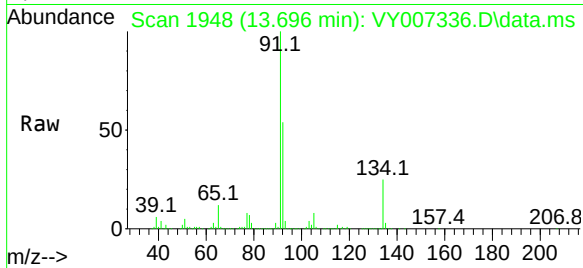




#89
n-Butylbenzene
Concen: 50.158 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

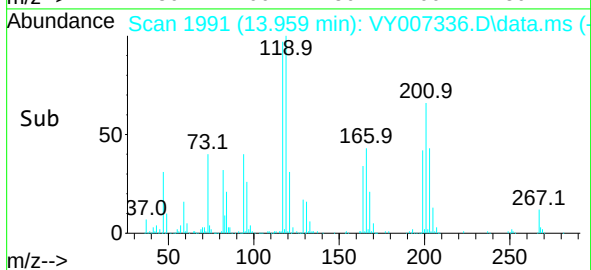
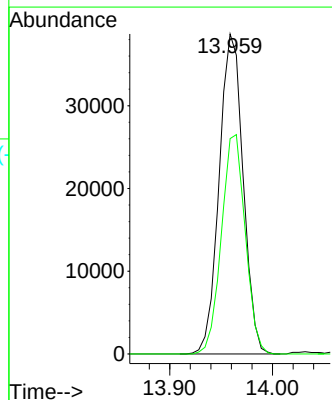
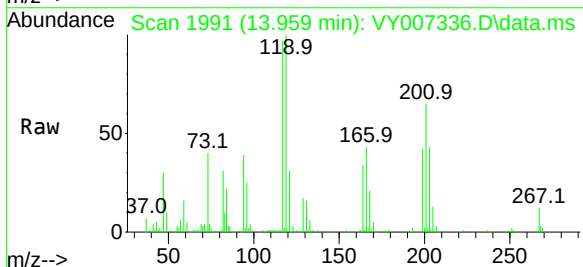
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

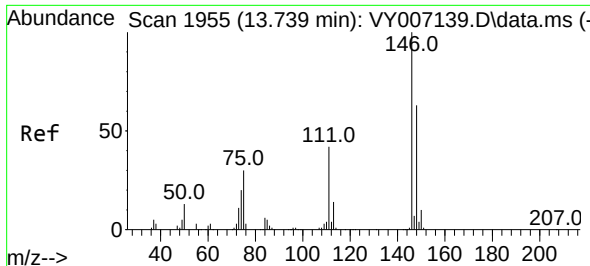
Tgt Ion: 91 Resp: 305594
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.6
134 24.7 12.6 37.6



#90
Hexachloroethane
Concen: 51.619 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 117 Resp: 62444
Ion Ratio Lower Upper
117 100
201 68.3 33.6 100.6

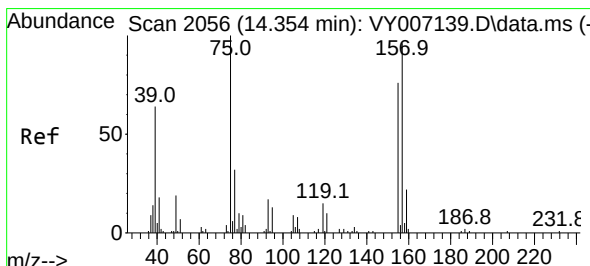
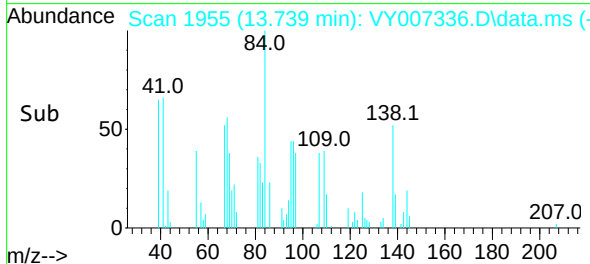
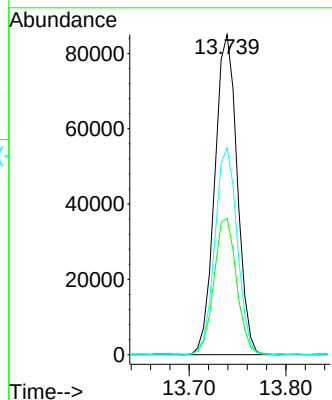
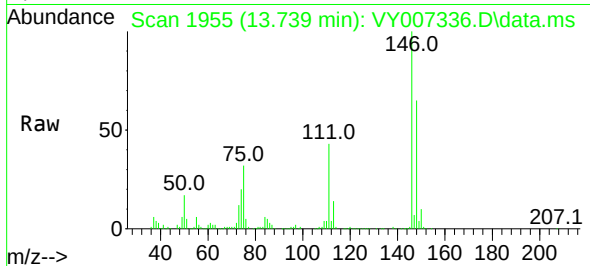




#91
1,2-Dichlorobenzene
Concen: 50.853 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

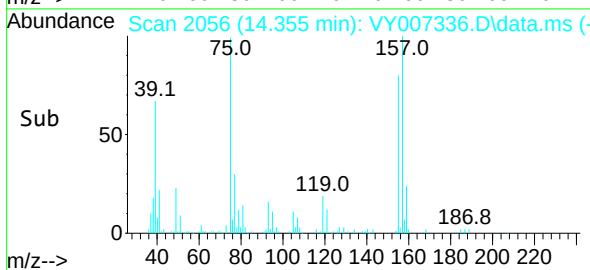
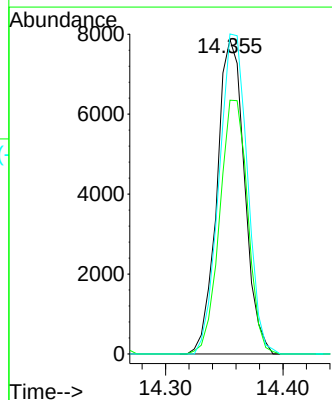
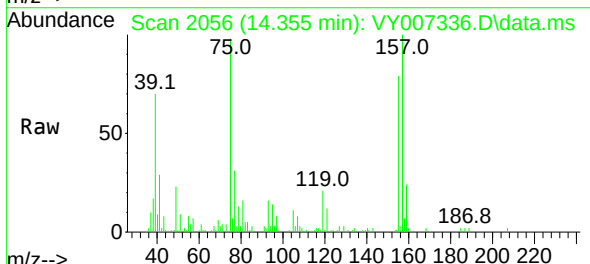
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

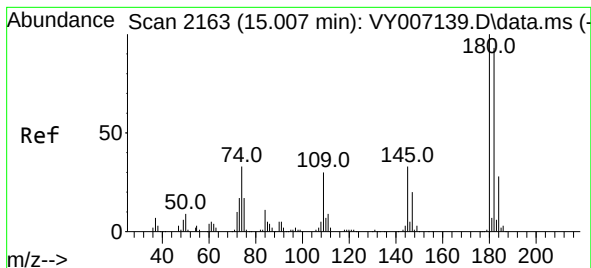
Tgt Ion:146 Resp: 136706
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.3
148 64.6 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.864 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY007336.D
Acq: 28 Jan 2022 21:12

Tgt Ion: 75 Resp: 12833
Ion Ratio Lower Upper
75 100
155 81.8 40.1 120.2
157 104.3 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 48.943 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

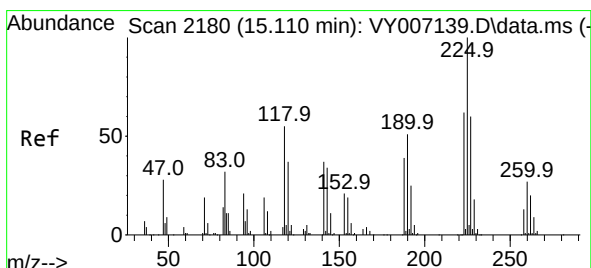
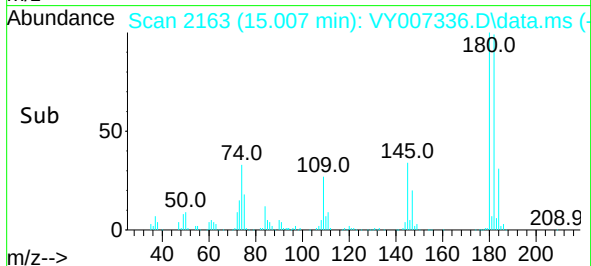
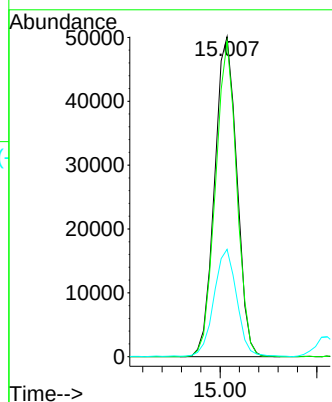
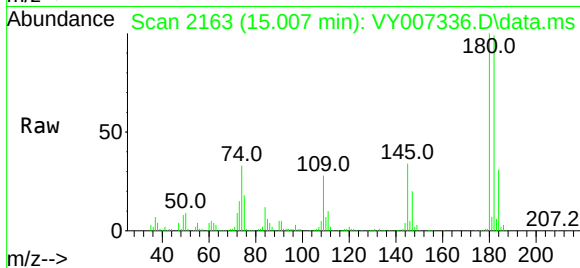
Tgt Ion:180 Resp: 80010

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.8

145 34.8 16.4 49.1



#94

Hexachlorobutadiene

Concen: 48.997 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

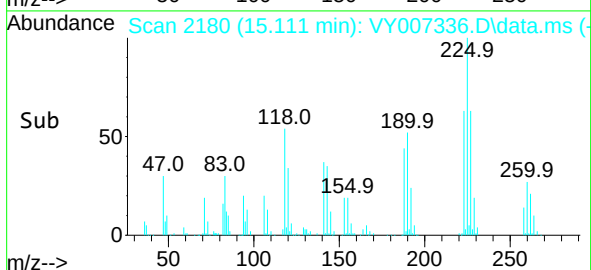
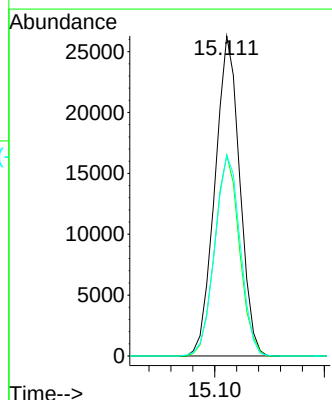
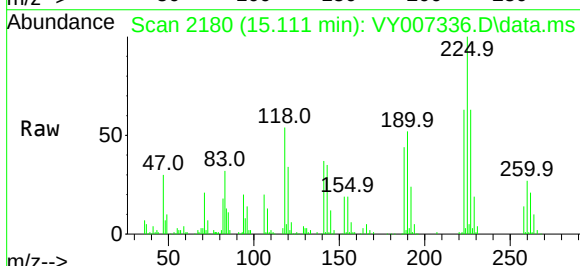
Tgt Ion:225 Resp: 41281

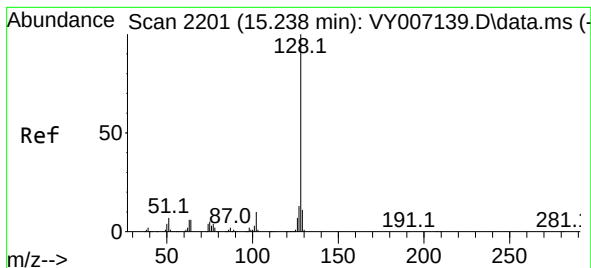
Ion Ratio Lower Upper

225 100

223 62.6 32.6 97.8

227 64.1 32.0 96.2





#95

Naphthalene

Concen: 53.679 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

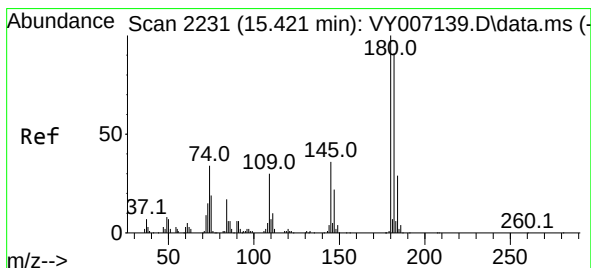
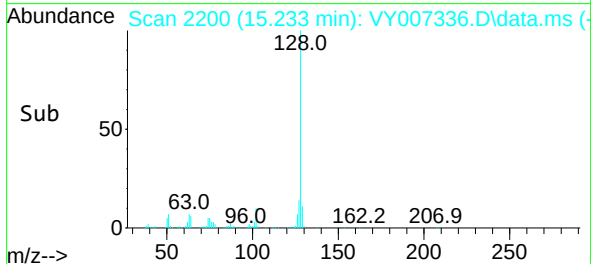
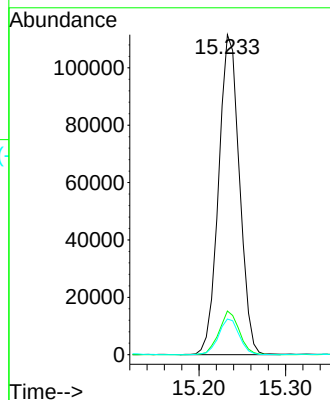
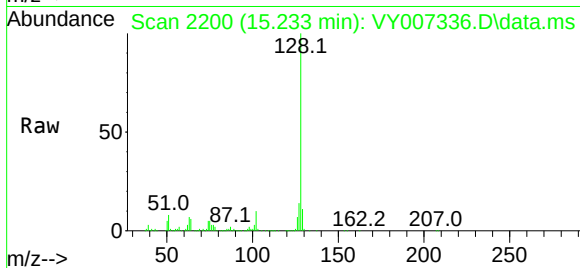
Tgt Ion:128 Resp: 186381

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.336 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007336.D

Acq: 28 Jan 2022 21:12

Tgt Ion:180 Resp: 68809

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 36.4 17.2 51.5

