

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008659.D
 Acq On : 09 May 2022 12:25
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: May 09 12:54:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 12:39:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	258573	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	402074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	216835	79.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.020%	
35) Dibromofluoromethane	7.716	113	247761	100.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 201.580%#	
50) Toluene-d8	10.179	98	889166	94.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 188.120%#	
62) 4-Bromofluorobenzene	12.483	95	312853	90.471	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 180.940%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	131478	85.256	ug/l	97
3) Chloromethane	2.119	50	160895	51.359	ug/l	96
4) Vinyl Chloride	2.259	62	229339	79.937	ug/l	97
5) Bromomethane	2.656	94	159667	42.478	ug/l	96
6) Chloroethane	2.802	64	139413	44.737	ug/l	97
7) Trichlorofluoromethane	3.125	101	249439	62.592	ug/l	92
8) Diethyl Ether	3.521	74	150325	87.619	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.899	101	259451	95.951	ug/l	94
10) Methyl Iodide	4.088	142	429664	105.279	ug/l	# 86
11) Tert butyl alcohol	4.948	59	94657	354.400	ug/l	# 94
12) 1,1-Dichloroethene	3.869	96	273869	103.108	ug/l	# 77
13) Acrolein	3.723	56	109656	660.146	ug/l	99
14) Allyl chloride	4.472	41	347055	91.450	ug/l	# 83
15) Acrylonitrile	5.155	53	341278	411.306	ug/l	97
16) Acetone	3.942	43	240212	382.227	ug/l	# 81
17) Carbon Disulfide	4.192	76	732345	105.344	ug/l	100
18) Methyl Acetate	4.472	43	145787	64.783	ug/l	# 80
19) Methyl tert-butyl Ether	5.216	73	460587	82.139	ug/l	95
20) Methylene Chloride	4.710	84	295111	81.475	ug/l	# 77
21) trans-1,2-Dichloroethene	5.216	96	302453	92.681	ug/l	# 80
22) Diisopropyl ether	6.112	45	739029	85.600	ug/l	# 88
23) Vinyl Acetate	6.051	43	2414321	420.532	ug/l	# 86
24) 1,1-Dichloroethane	6.015	63	478727	87.245	ug/l	97
25) 2-Butanone	6.978	43	401610	385.088	ug/l	# 79
26) 2,2-Dichloropropane	6.978	77	309632	84.894	ug/l	88
27) cis-1,2-Dichloroethene	6.978	96	340743	91.232	ug/l	77
28) Bromochloromethane	7.332	49	161852	75.296	ug/l	# 62
29) Tetrahydrofuran	7.338	42	266820	386.613	ug/l	# 76
30) Chloroform	7.502	83	503489	87.699	ug/l	100
31) Cyclohexane	7.783	56	417471	85.899	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	414094	87.454	ug/l	# 93
36) 1,1-Dichloropropene	7.917	75	392489	99.884	ug/l	94
37) Ethyl Acetate	7.069	43	186172	87.953	ug/l	# 90
38) Carbon Tetrachloride	7.899	117	406692	103.630	ug/l	99
39) Methylcyclohexane	9.179	83	532975	101.850	ug/l	# 84
40) Benzene	8.155	78	1147238	100.083	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	239441	223.984	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	290557	87.438	ug/l	87
43) Isopropyl Acetate	8.270	43	345284	88.569	ug/l #	84
44) Trichloroethene	8.935	130	341601	102.247	ug/l	98
45) 1,2-Dichloropropane	9.215	63	279887	97.718	ug/l	96
46) Dibromomethane	9.301	93	173296	88.703	ug/l	96
47) Bromodichloromethane	9.496	83	392433	93.582	ug/l	99
48) Methyl methacrylate	9.289	41	155032	87.459	ug/l #	72
49) 1,4-Dioxane	9.301	88	43238	2012.316	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	891956	416.395	ug/l #	82
52) Toluene	10.246	92	755925	95.222	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	419675	86.439	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	483483	96.230	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	244977	86.701	ug/l	98
56) Ethyl methacrylate	10.508	69	323843	89.386	ug/l #	69
57) 1,3-Dichloropropane	10.788	76	400086	88.129	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	790430	469.916	ug/l #	89
59) 2-Hexanone	10.831	43	622280	408.052	ug/l	77
60) Dibromochloromethane	10.983	129	305176	93.220	ug/l	100
61) 1,2-Dibromoethane	11.087	107	243098	90.709	ug/l	99
64) Tetrachloroethene	10.721	164	286607	101.003	ug/l	99
65) Chlorobenzene	11.520	112	831618	99.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	309410	101.400	ug/l	97
67) Ethyl Benzene	11.593	91	1456193	99.664	ug/l	96
68) m/p-Xylenes	11.703	106	1163995	181.337	ug/l	90
69) o-Xylene	12.032	106	551812	87.358	ug/l	89
70) Styrene	12.044	104	931141	86.642	ug/l	93
71) Bromoform	12.209	173	195398	87.031	ug/l #	99
73) Isopropylbenzene	12.331	105	1437100	93.987	ug/l	98
74) N-amyl acetate	12.142	43	304347	79.403	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.587	83	278315	88.604	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	344754	167.876	ug/l #	100
77) Bromobenzene	12.611	156	347169	101.729	ug/l	88
78) n-propylbenzene	12.672	91	1698333	103.328	ug/l	97
79) 2-Chlorotoluene	12.757	91	931178	105.522	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	1161691	106.970	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	102141	92.449	ug/l #	77
82) 4-Chlorotoluene	12.855	91	949689	102.945	ug/l	94
83) tert-Butylbenzene	13.075	119	1028948	103.208	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	1141245	103.597	ug/l	96
85) sec-Butylbenzene	13.257	105	1536786	103.305	ug/l	98
86) p-Isopropyltoluene	13.373	119	1293661	103.773	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	673899	102.263	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	661129	100.602	ug/l	98
89) n-Butylbenzene	13.696	91	1179918	102.031	ug/l	97
90) Hexachloroethane	13.965	117	246481	100.867	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	593513	102.081	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	39977	82.702	ug/l	59
93) 1,2,4-Trichlorobenzene	15.013	180	396829	105.449	ug/l	100
94) Hexachlorobutadiene	15.117	225	218354	110.054	ug/l	99
95) Naphthalene	15.239	128	806429	100.014	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	347288	104.253	ug/l	99

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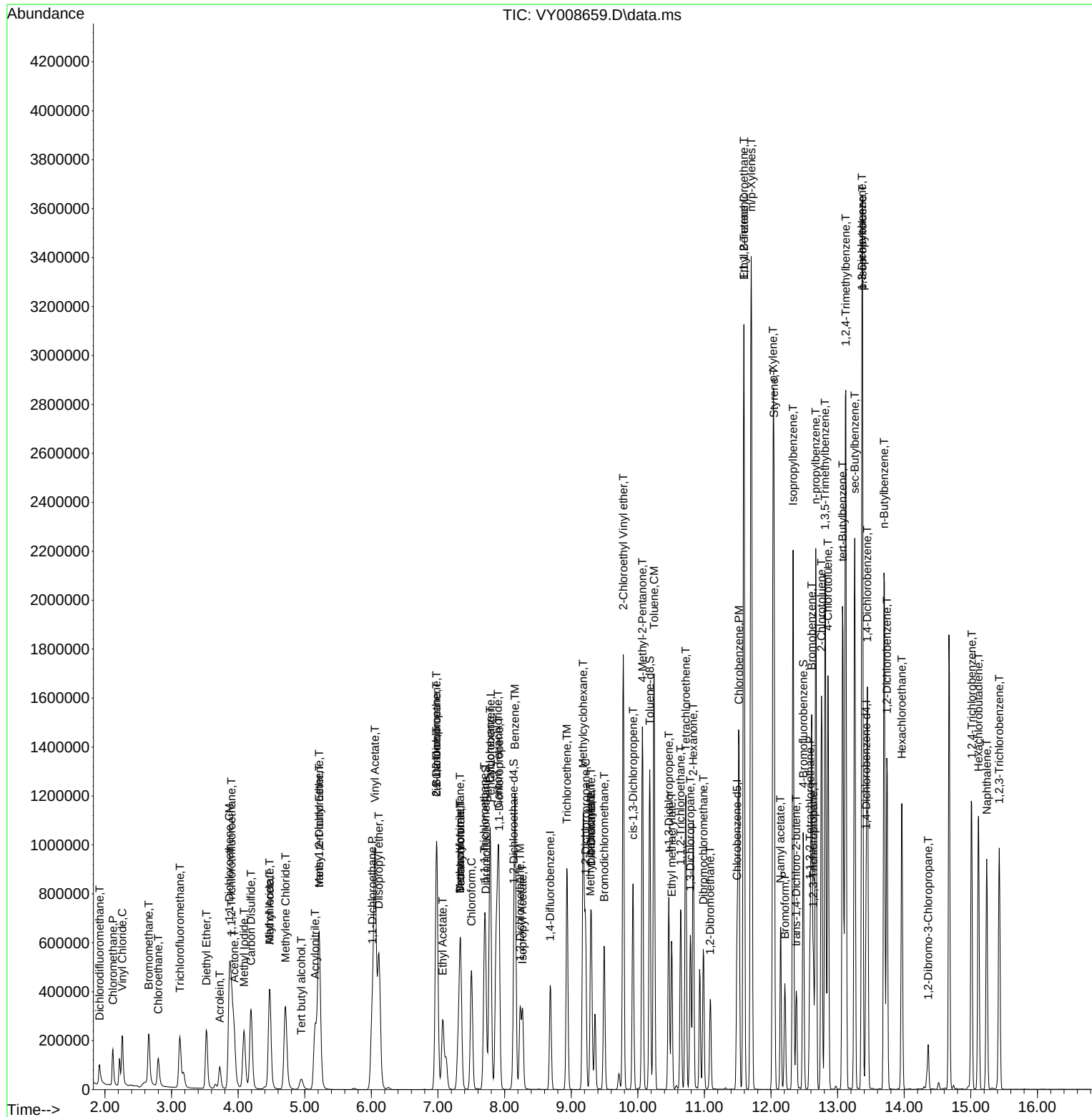
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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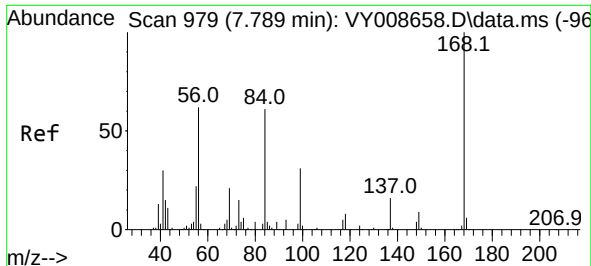
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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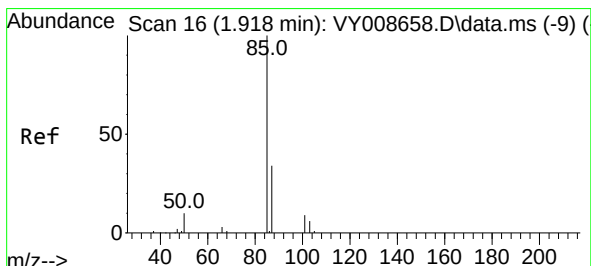
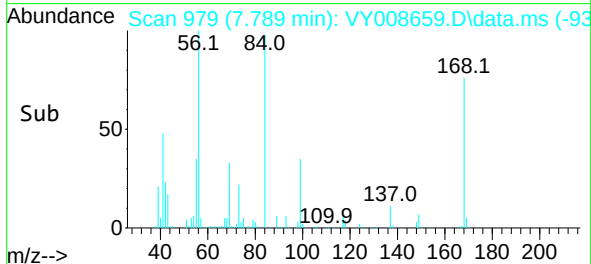
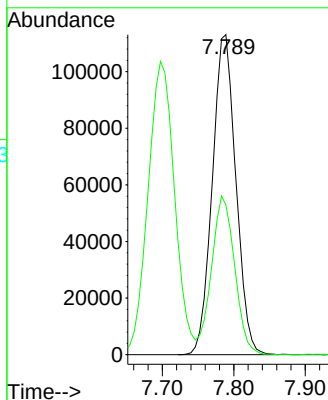
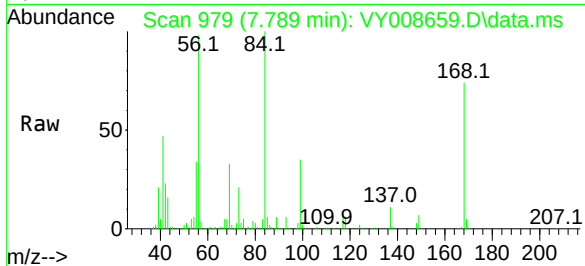




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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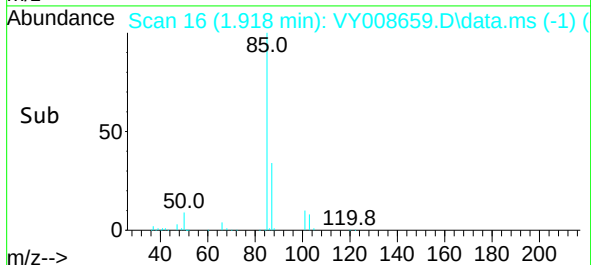
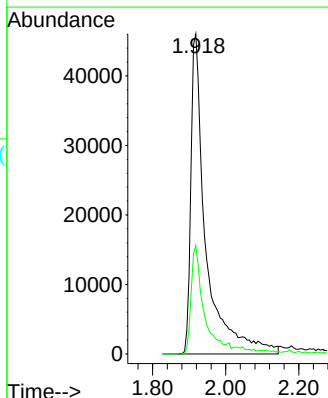
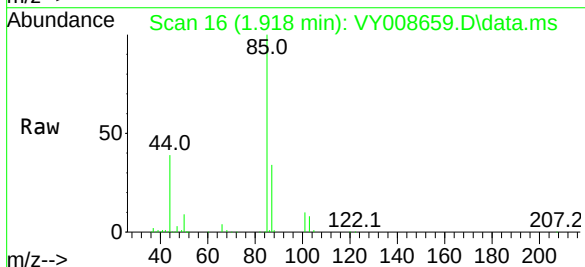
Instrument :
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ClientSampleId :
VSTDICC100

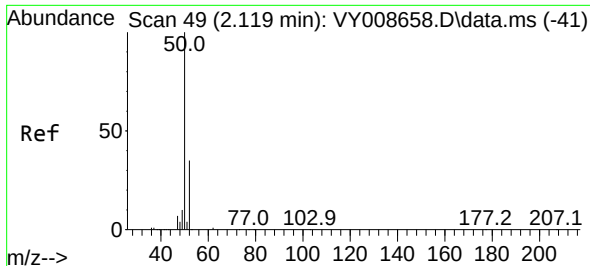
Tgt Ion:168 Resp: 258573
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 85.256 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 85 Resp: 131478
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2

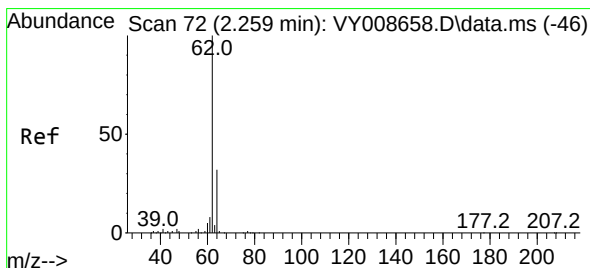
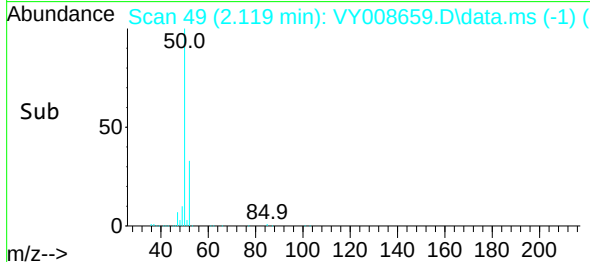
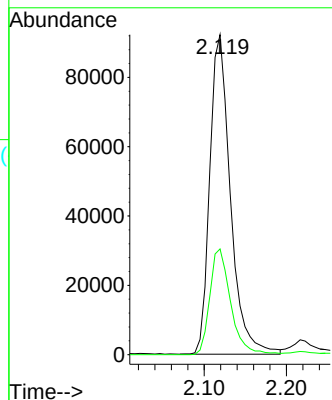
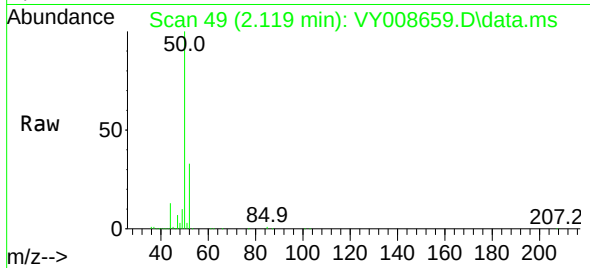




#3
Chloromethane
Concen: 51.359 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY008659.D
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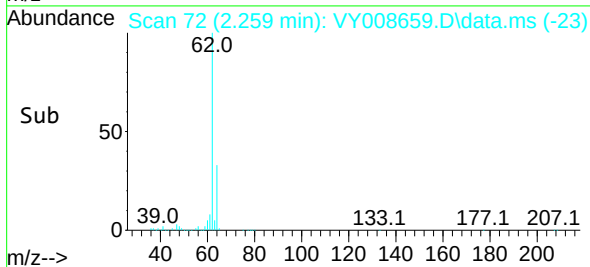
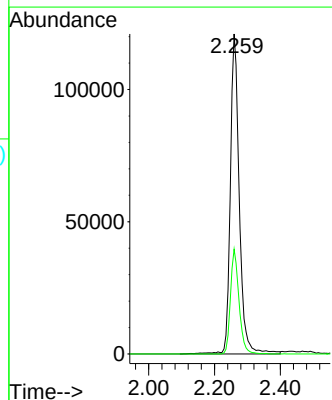
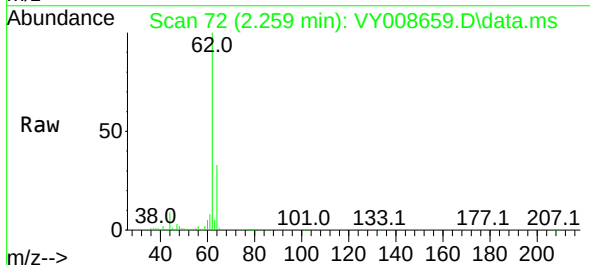
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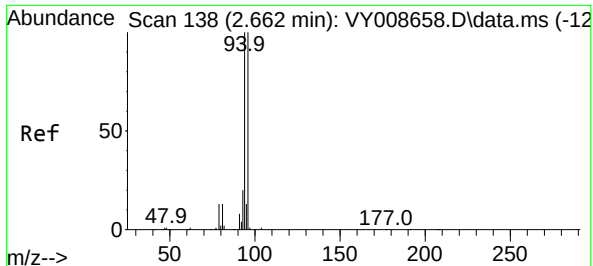
Tgt Ion: 50 Resp: 160895
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 79.937 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 62 Resp: 229339
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

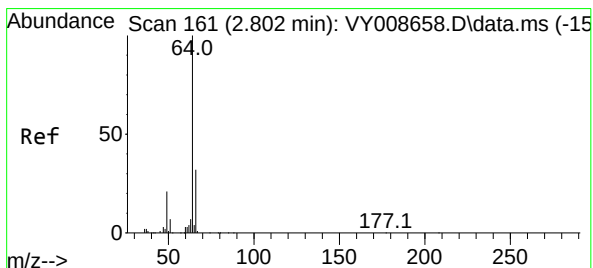
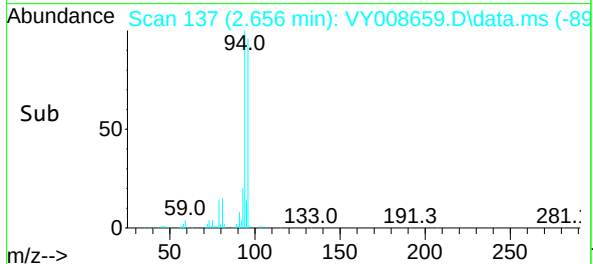
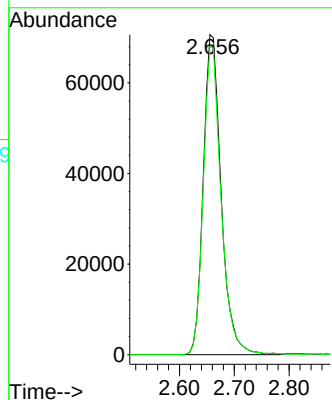
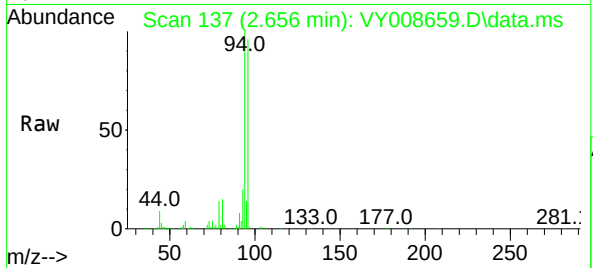




#5
Bromomethane
Concen: 42.478 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008659.D
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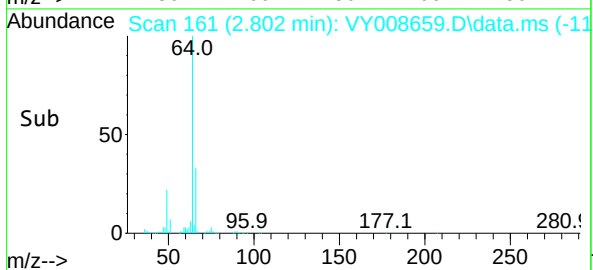
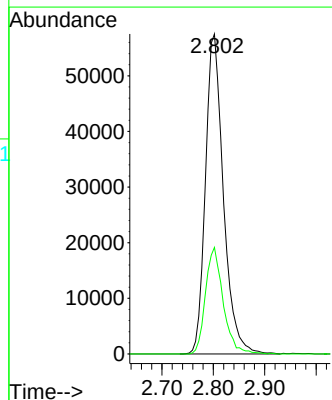
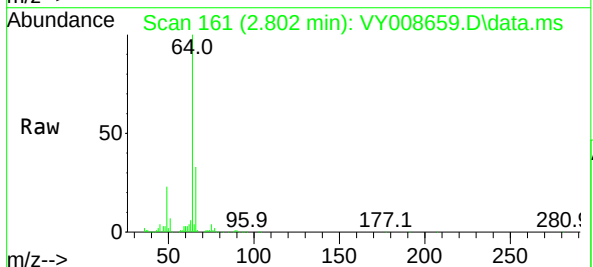
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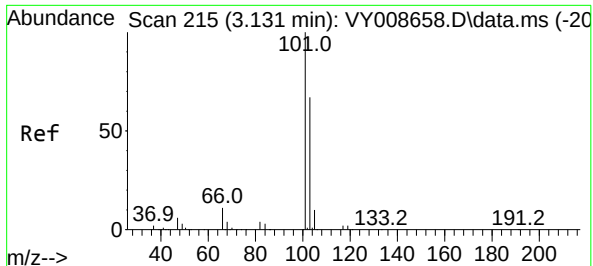
Tgt Ion: 94 Resp: 159667
Ion Ratio Lower Upper
94 100
96 96.2 73.5 110.3



#6
Chloroethane
Concen: 44.737 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY008659.D
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Tgt Ion: 64 Resp: 139413
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0

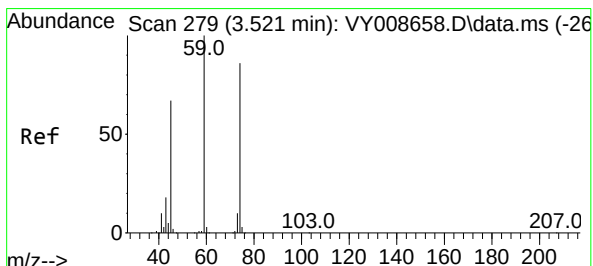
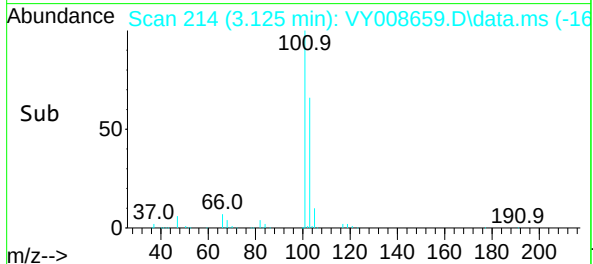
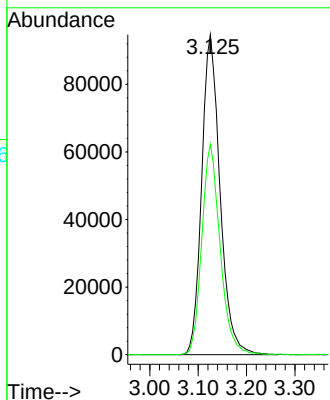
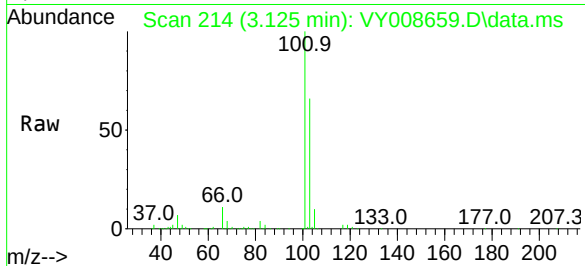




#7
 Trichlorofluoromethane
 Concen: 62.592 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY008659.D
 Acq: 09 May 2022 12:25

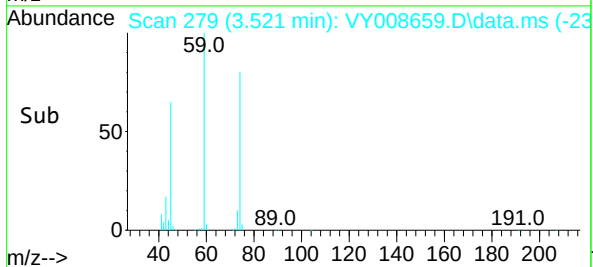
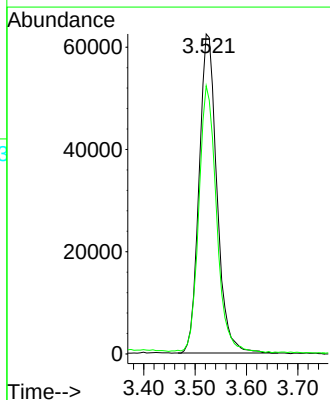
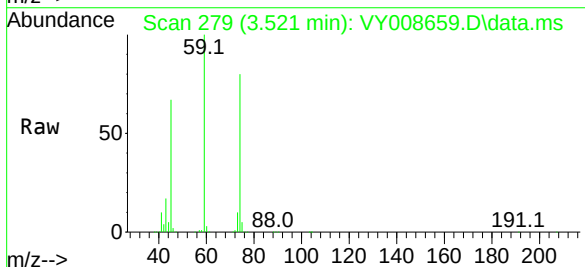
Instrument :
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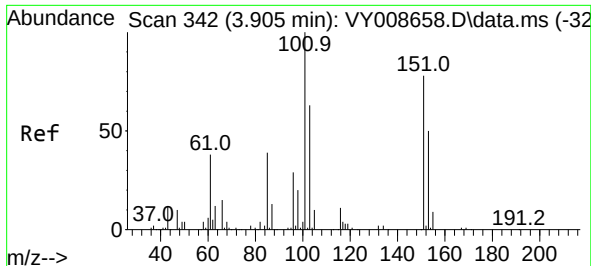
Tgt Ion:101 Resp: 249439
 Ion Ratio Lower Upper
 101 100
 103 65.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 87.619 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 150325
 Ion Ratio Lower Upper
 74 100
 45 83.5 55.1 165.5

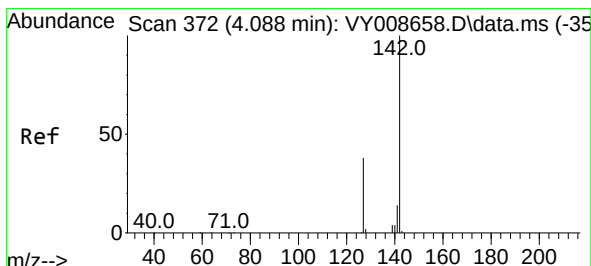
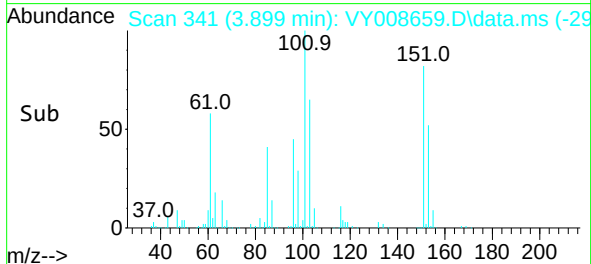
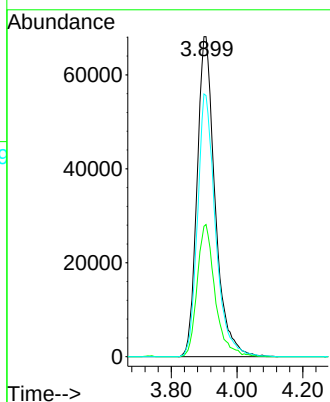
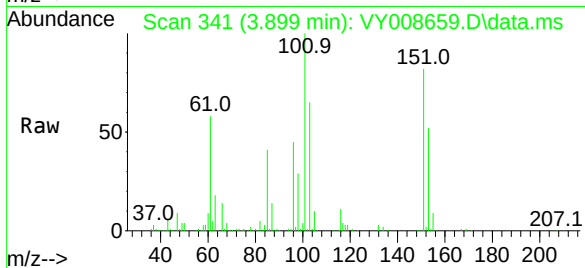




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.951 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

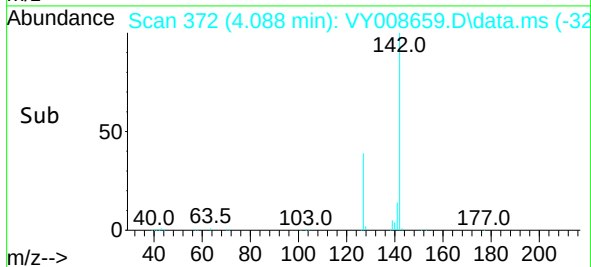
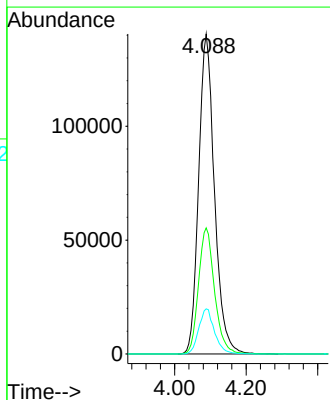
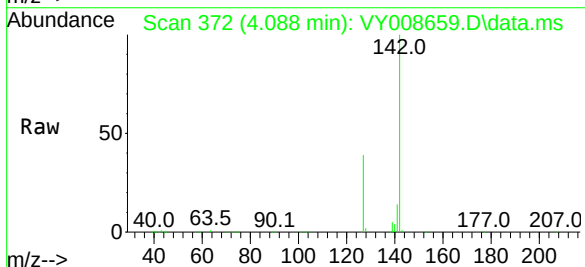
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

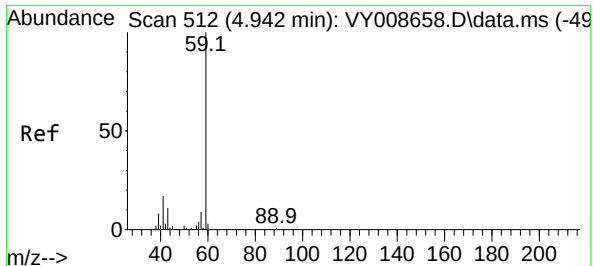
Tgt Ion:101 Resp: 259451
Ion Ratio Lower Upper
101 100
85 41.1 40.6 60.8
151 81.8 64.9 97.3



#10
Methyl Iodide
Concen: 105.279 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion:142 Resp: 429664
Ion Ratio Lower Upper
142 100
127 40.1 41.5 62.3#
141 14.1 11.9 17.9

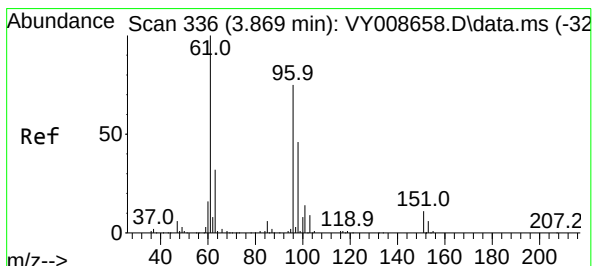
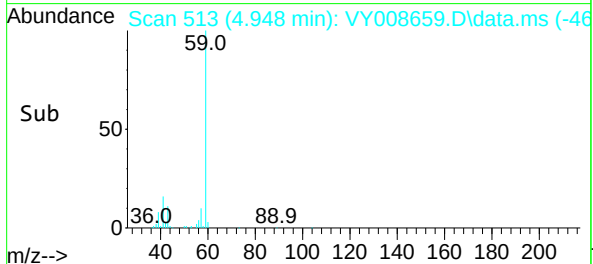
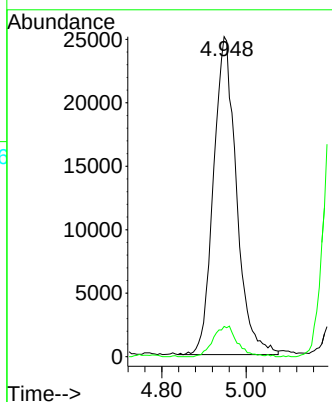
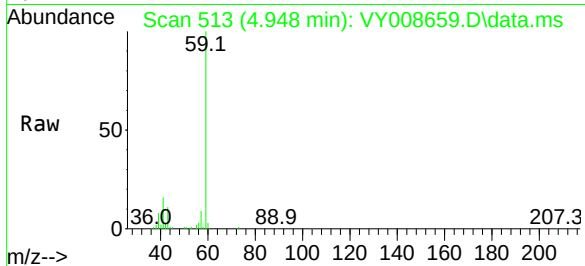




#11
Tert butyl alcohol
Concen: 354.400 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

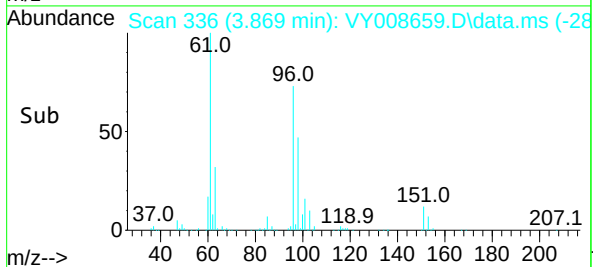
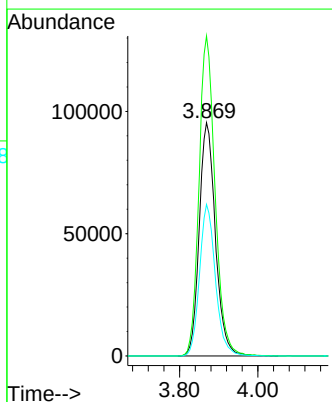
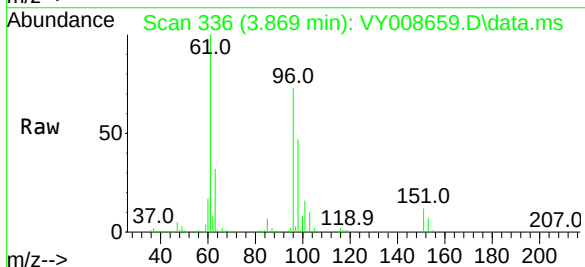
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

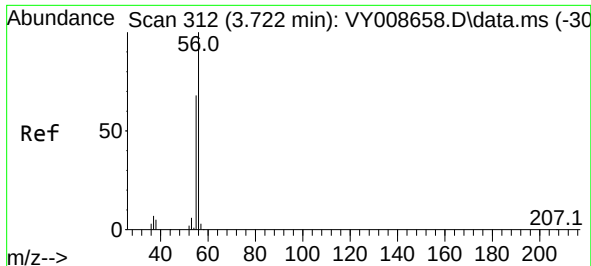
Tgt Ion: 59 Resp: 94657
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 103.108 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 96 Resp: 273869
Ion Ratio Lower Upper
96 100
61 137.2 145.8 218.6#
98 64.9 52.5 78.7

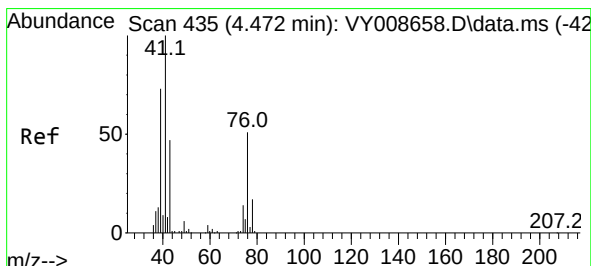
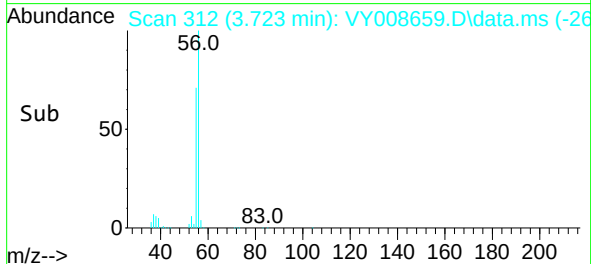
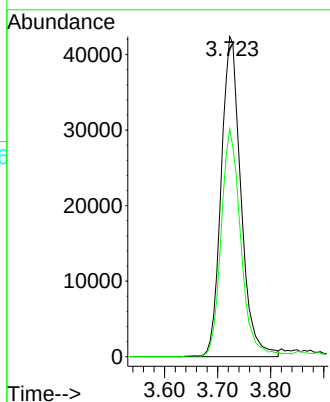
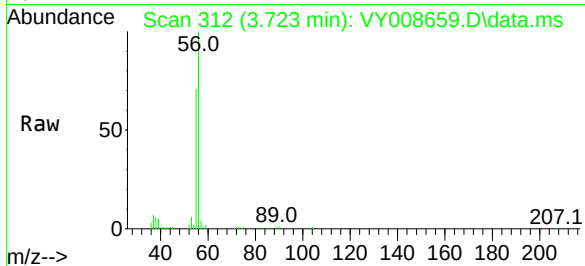




#13
Acrolein
Concen: 660.146 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

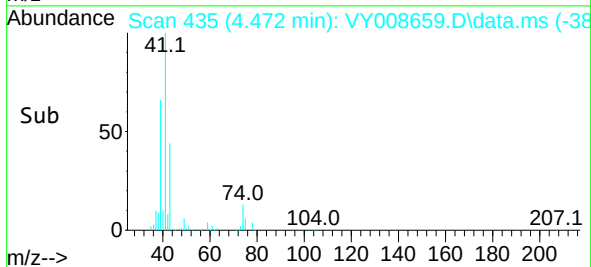
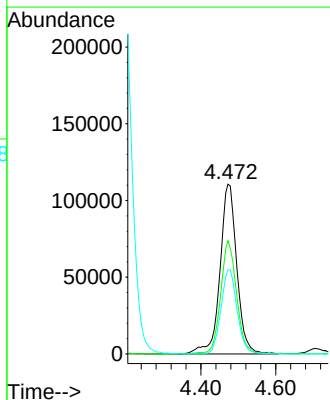
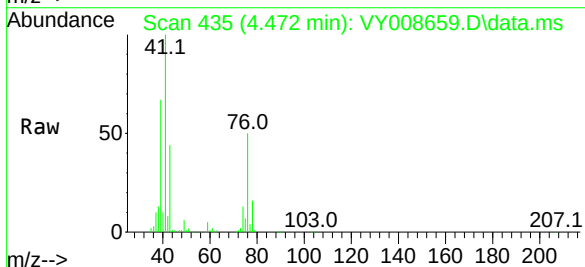
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

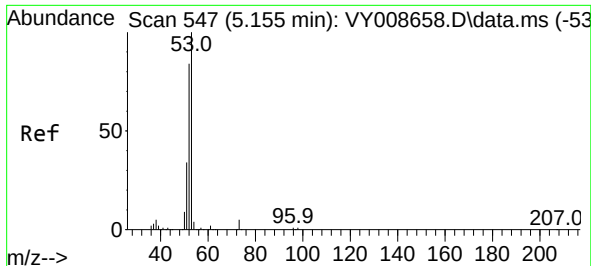
Tgt Ion: 56 Resp: 109656
Ion Ratio Lower Upper
56 100
55 70.9 57.6 86.4



#14
Allyl chloride
Concen: 91.450 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 41 Resp: 347055
Ion Ratio Lower Upper
41 100
39 63.0 58.8 88.2
76 47.4 25.1 37.7#

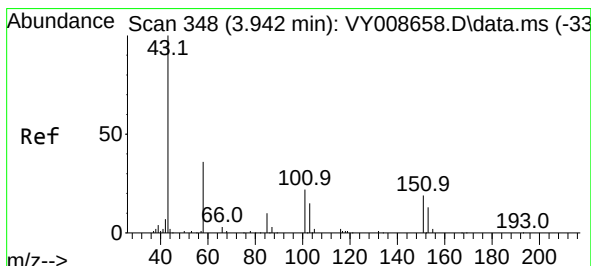
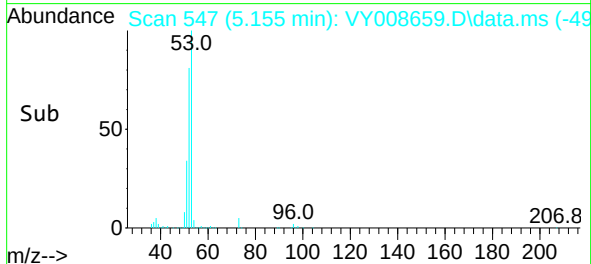
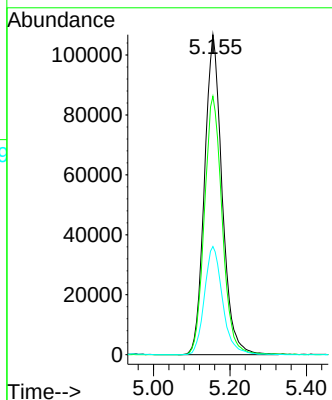
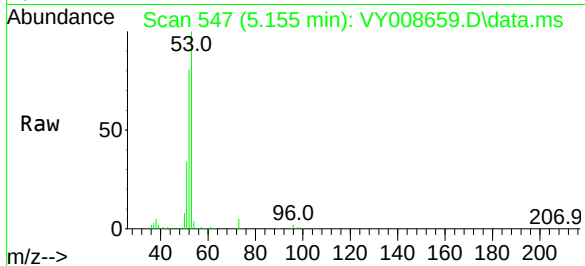




#15
Acrylonitrile
Concen: 411.306 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

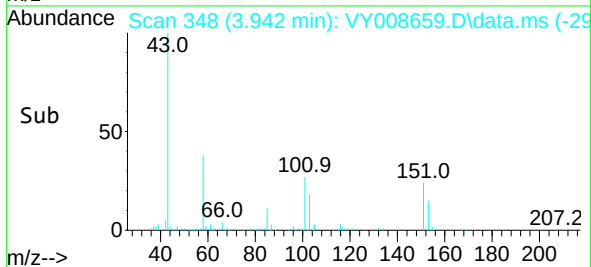
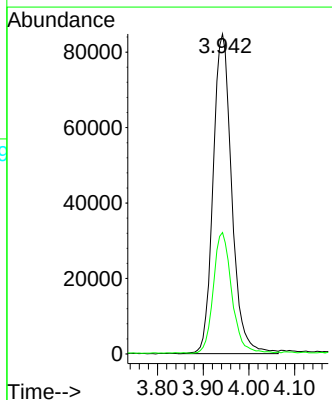
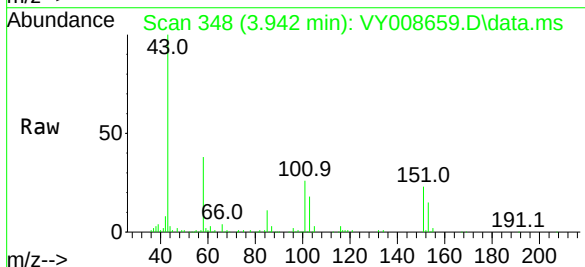
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

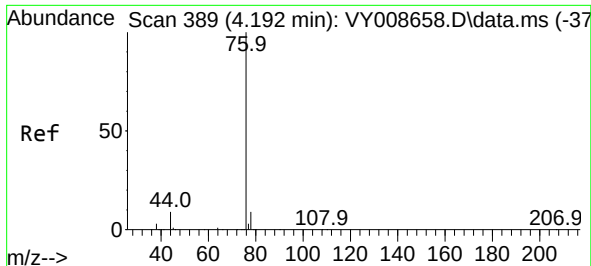
Tgt Ion: 53 Resp: 341278
Ion Ratio Lower Upper
53 100
52 81.5 67.0 100.4
51 34.8 29.8 44.6



#16
Acetone
Concen: 382.227 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 43 Resp: 240212
Ion Ratio Lower Upper
43 100
58 37.7 22.0 33.0#

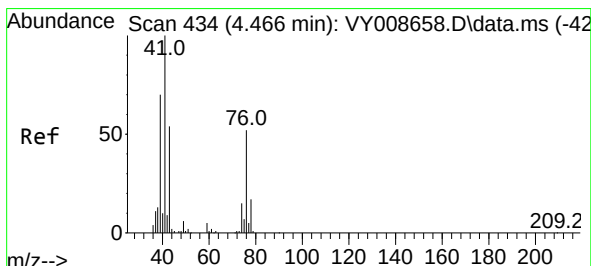
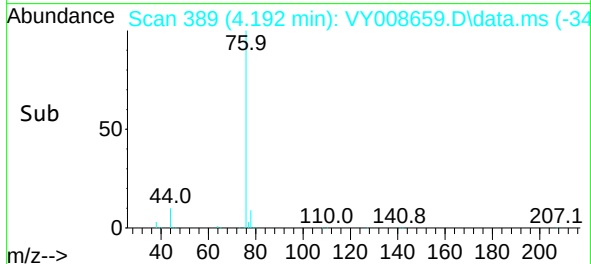
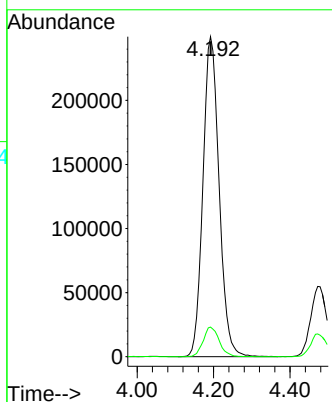
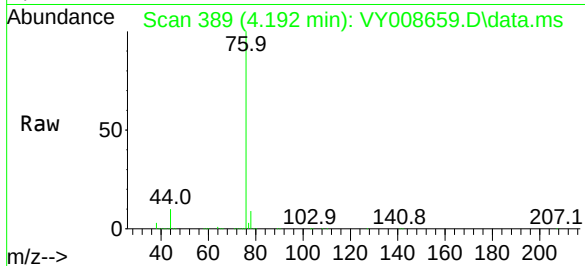




#17
Carbon Disulfide
Concen: 105.344 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

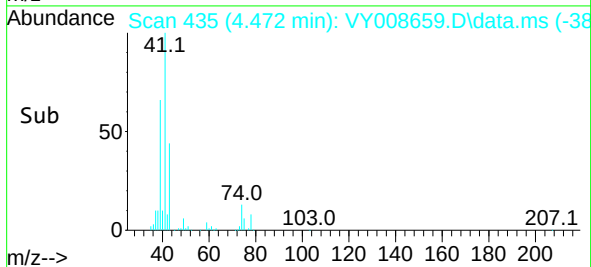
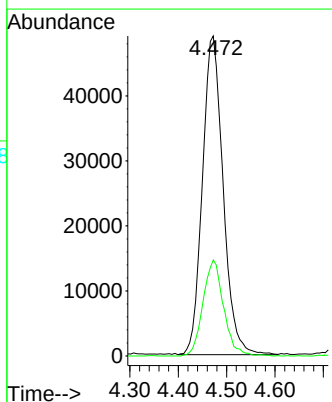
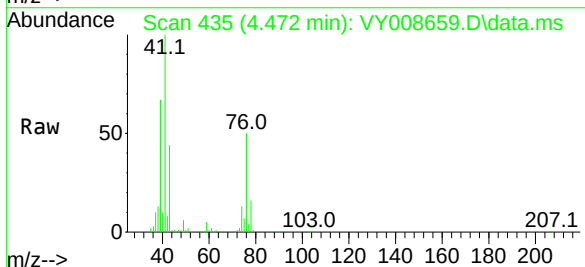
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

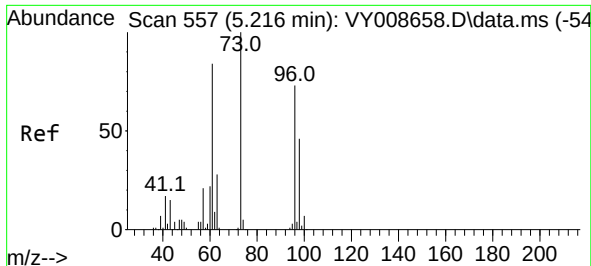
Tgt Ion: 76 Resp: 732345
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 64.783 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 43 Resp: 145787
Ion Ratio Lower Upper
43 100
74 29.9 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 82.139 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

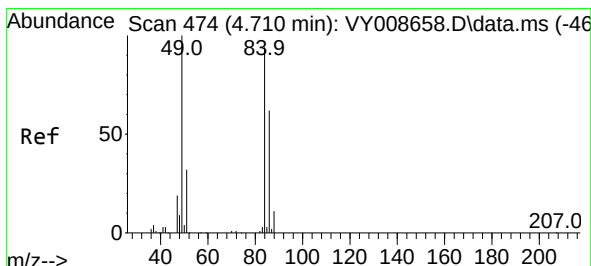
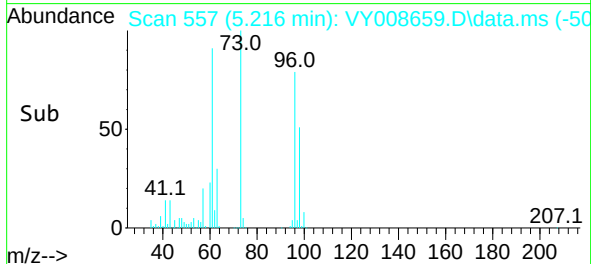
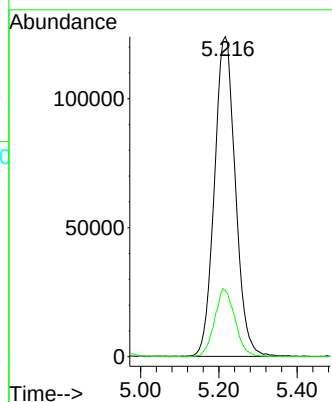
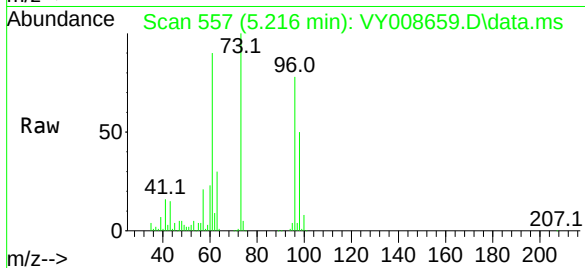
VSTDIC100

Tgt Ion: 73 Resp: 460587

Ion Ratio Lower Upper

73 100

57 20.7 18.6 27.8



#20

Methylene Chloride

Concen: 81.475 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Tgt Ion: 84 Resp: 295111

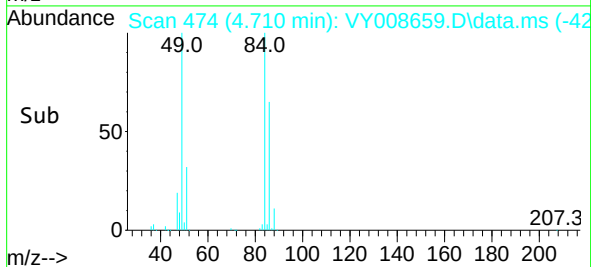
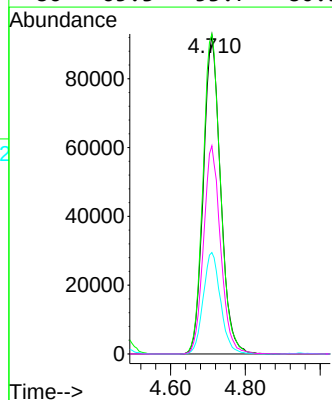
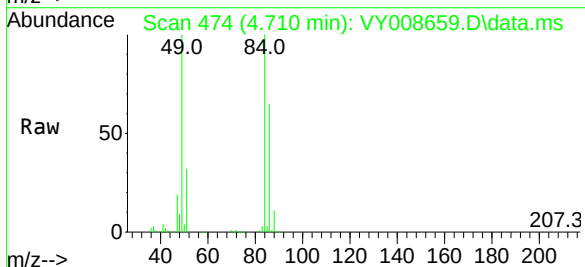
Ion Ratio Lower Upper

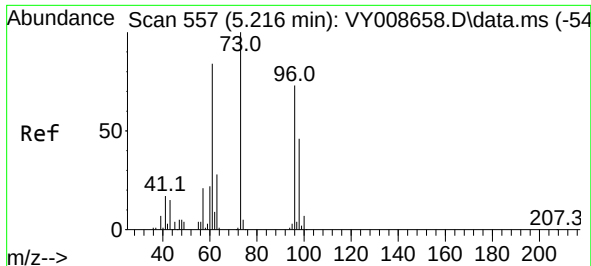
84 100

49 100.4 114.4 171.6#

51 31.8 35.3 52.9#

86 65.3 53.7 80.5

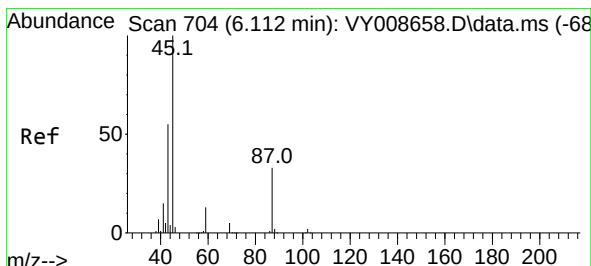
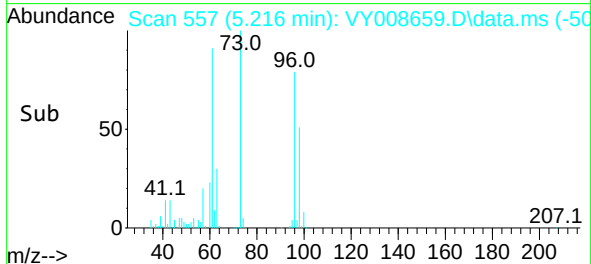
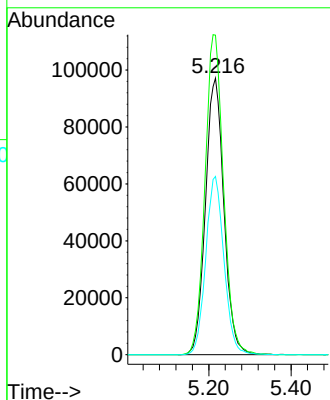
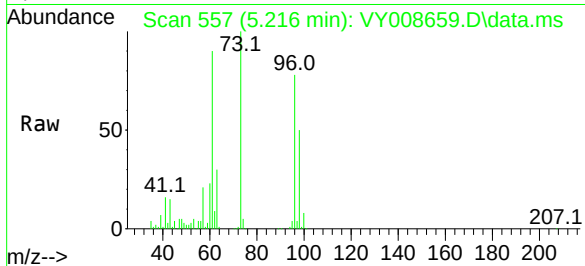




#21
trans-1,2-Dichloroethene
Concen: 92.681 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

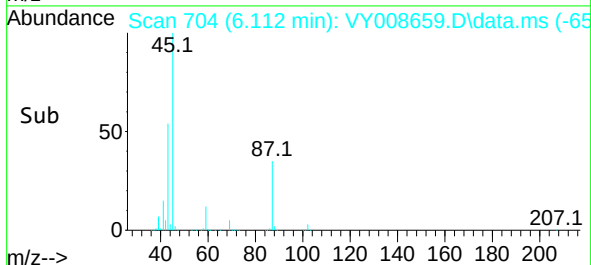
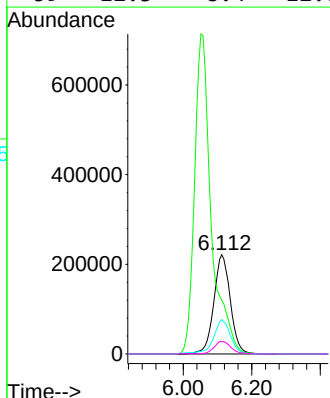
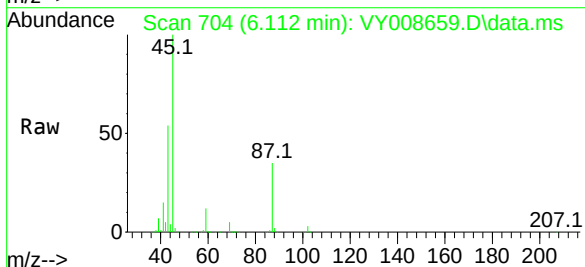
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

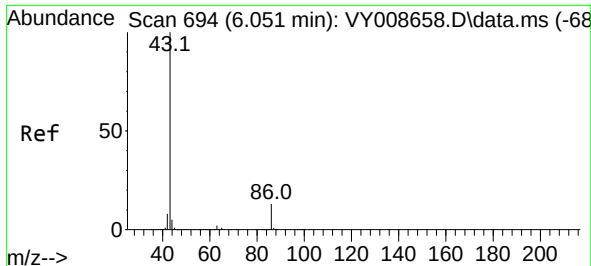
Tgt Ion: 96 Resp: 302453
Ion Ratio Lower Upper
96 100
61 115.5 120.5 180.7#
98 64.4 49.8 74.8



#22
Diisopropyl ether
Concen: 85.600 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 45 Resp: 739029
Ion Ratio Lower Upper
45 100
43 54.1 49.3 73.9
87 34.7 19.2 28.8#
59 12.3 8.4 12.6

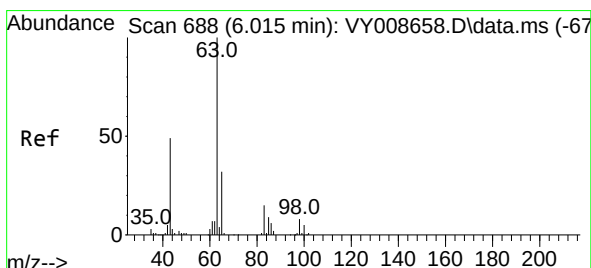
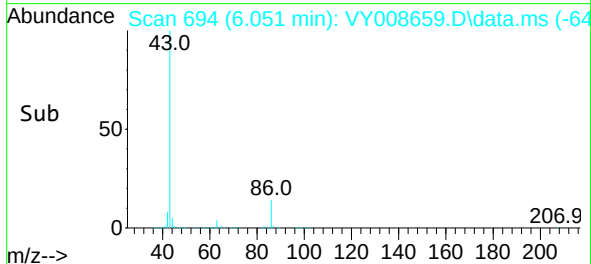
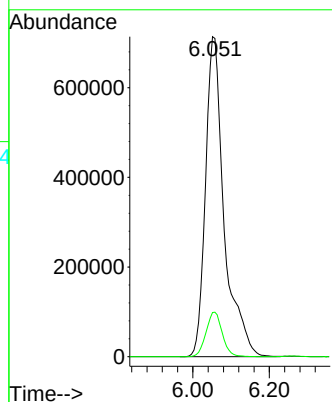
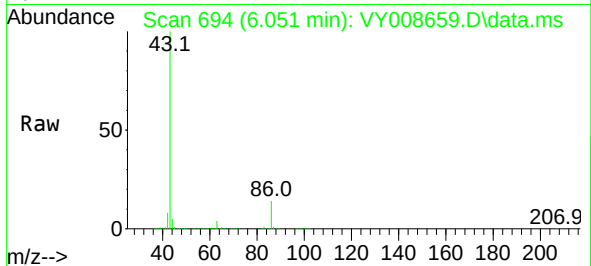




#23
 Vinyl Acetate
 Concen: 420.532 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY008659.D
 Acq: 09 May 2022 12:25

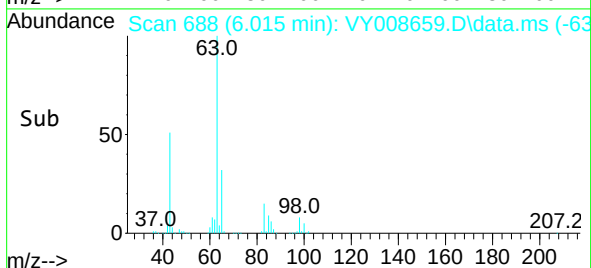
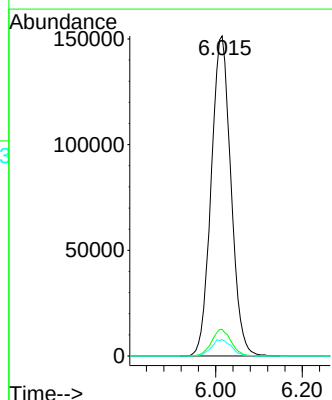
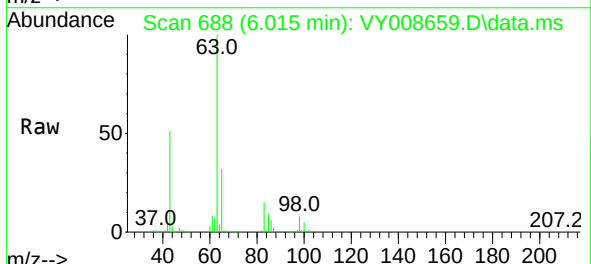
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

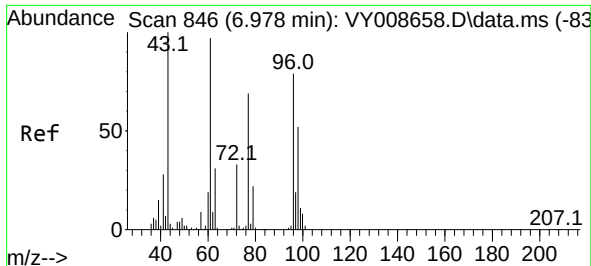
Tgt Ion: 43 Resp: 2414321
 Ion Ratio Lower Upper
 43 100
 86 13.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 87.245 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008659.D
 Acq: 09 May 2022 12:25

Tgt Ion: 63 Resp: 478727
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 385.088 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

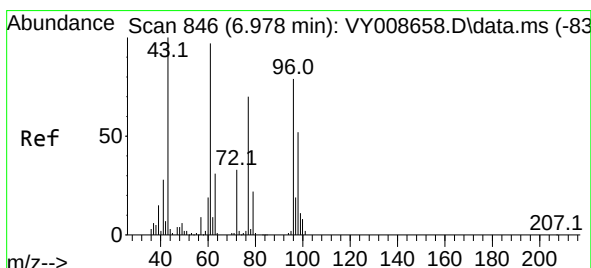
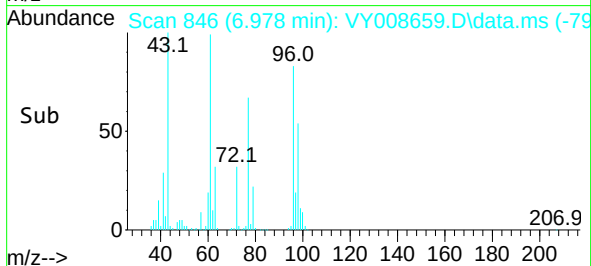
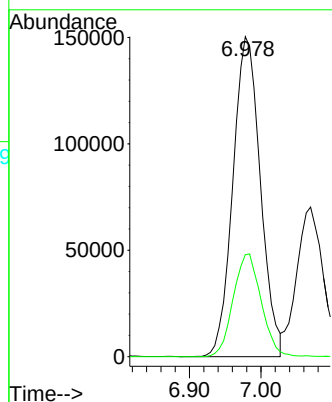
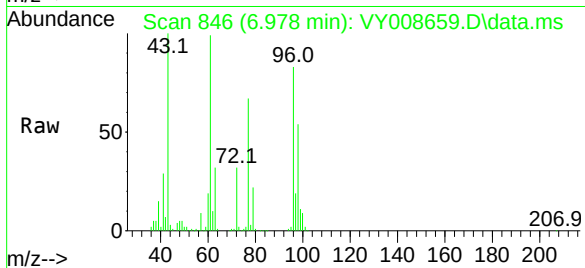
VSTDIC100

Tgt Ion: 43 Resp: 401610

Ion Ratio Lower Upper

43 100

72 31.9 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 84.894 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008659.D

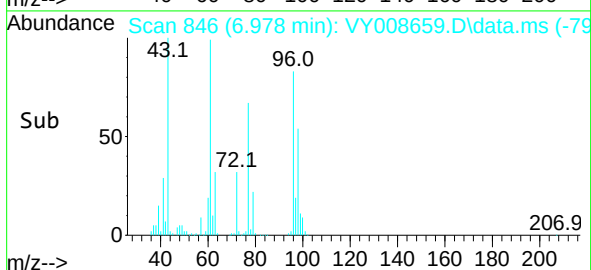
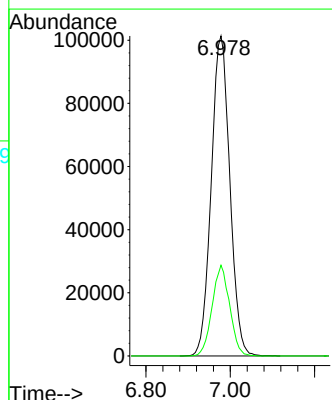
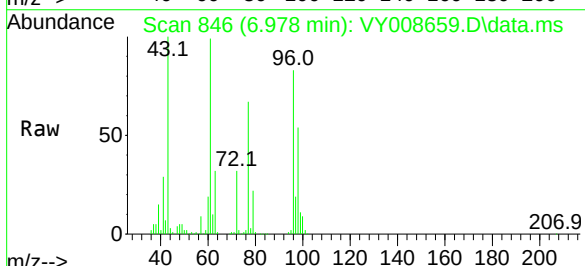
Acq: 09 May 2022 12:25

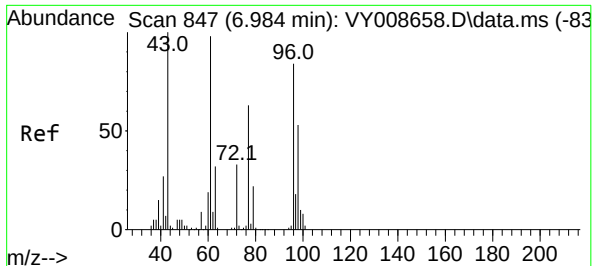
Tgt Ion: 77 Resp: 309632

Ion Ratio Lower Upper

77 100

97 26.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 91.232 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

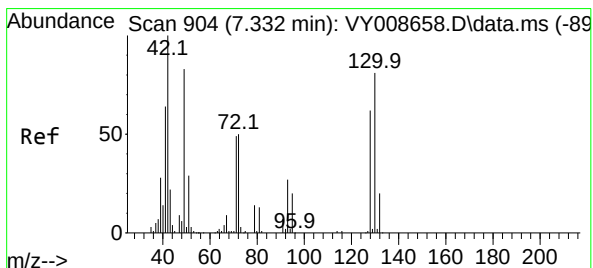
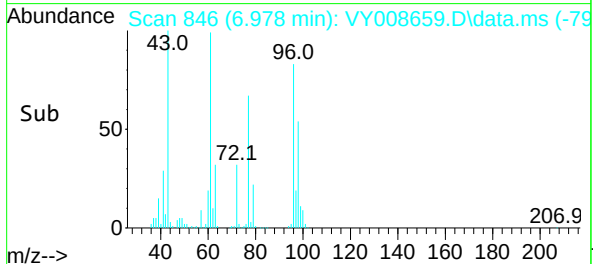
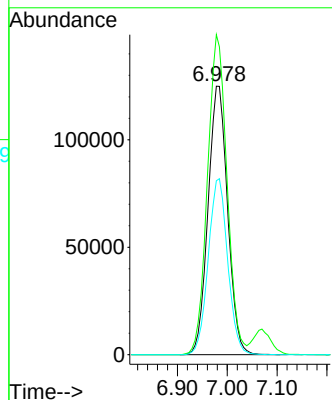
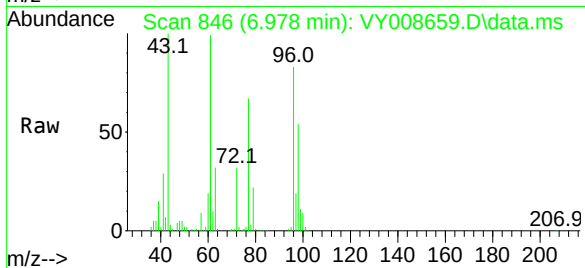
Tgt Ion: 96 Resp: 340743

Ion Ratio Lower Upper

96 100

61 119.1 0.0 319.8

98 65.2 0.0 127.0



#28

Bromochloromethane

Concen: 75.296 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

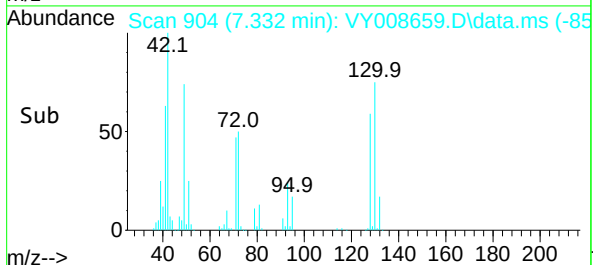
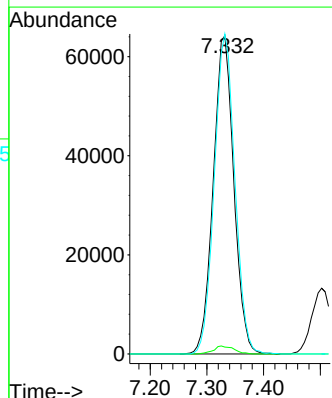
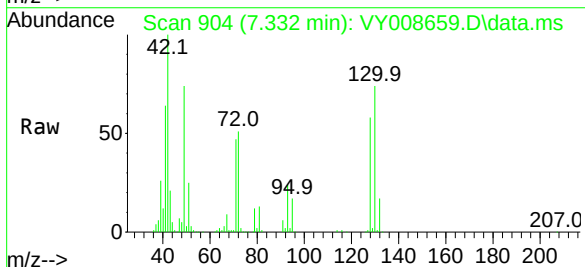
Tgt Ion: 49 Resp: 161852

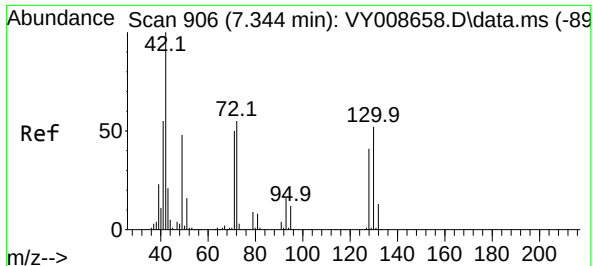
Ion Ratio Lower Upper

49 100

129 2.5 0.0 2.2#

130 100.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 386.613 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

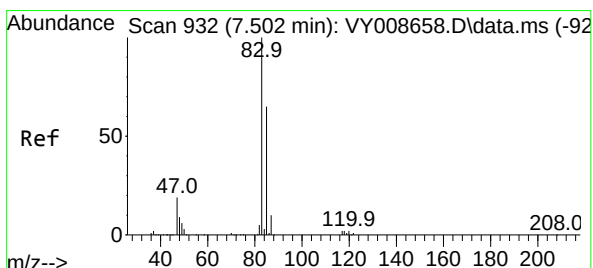
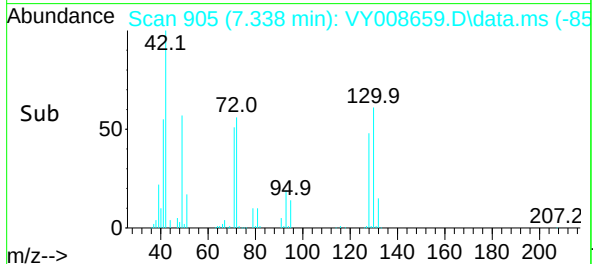
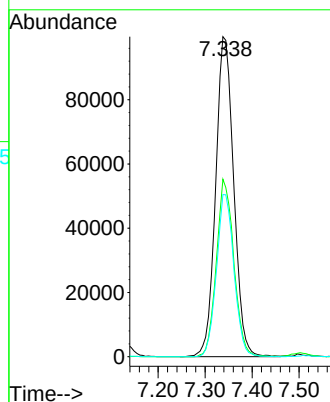
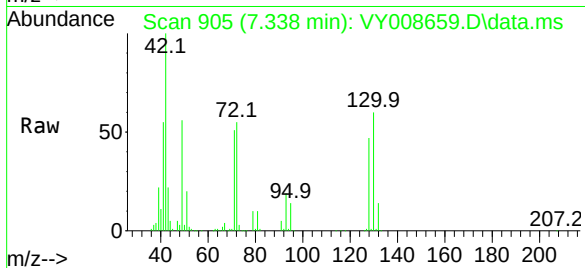
Tgt Ion: 42 Resp: 266820

Ion Ratio Lower Upper

42 100

72 53.5 30.3 45.5#

71 49.0 29.0 43.4#



#30

Chloroform

Concen: 87.699 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008659.D

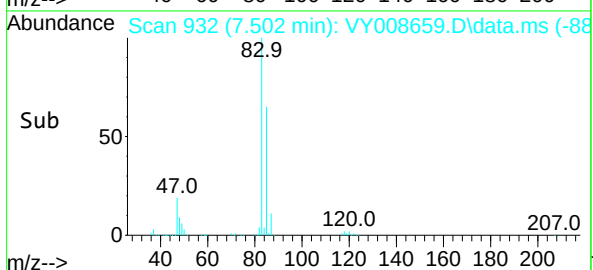
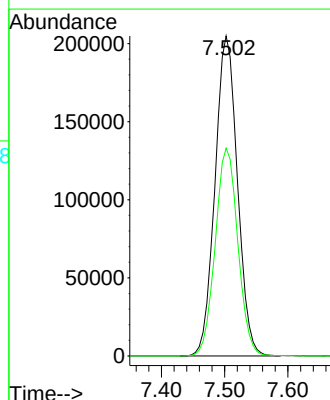
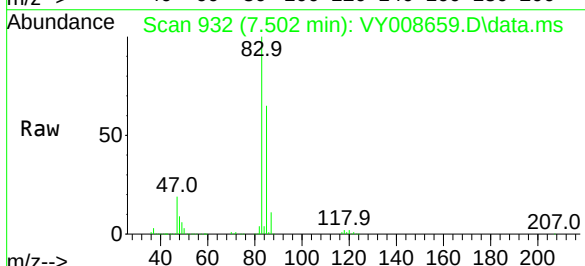
Acq: 09 May 2022 12:25

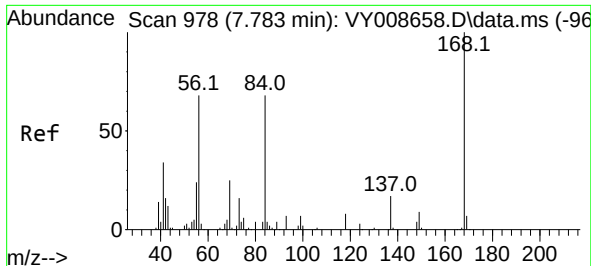
Tgt Ion: 83 Resp: 503489

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.6

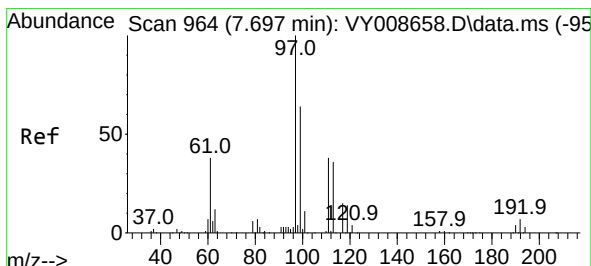
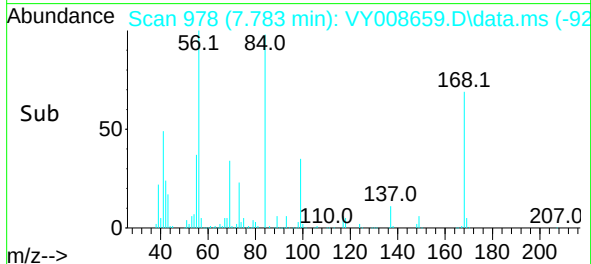
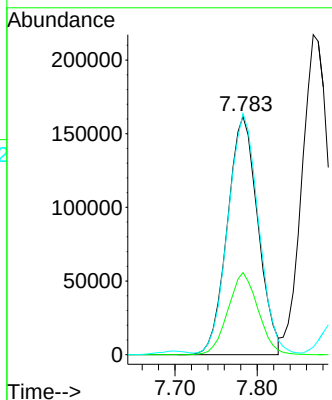
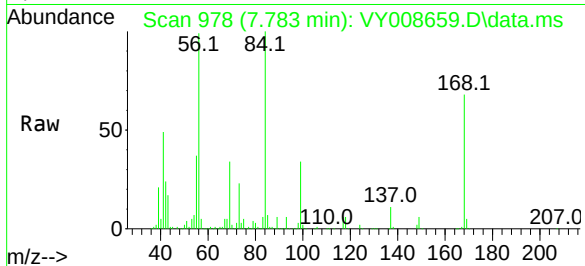




#31
Cyclohexane
Concen: 85.899 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

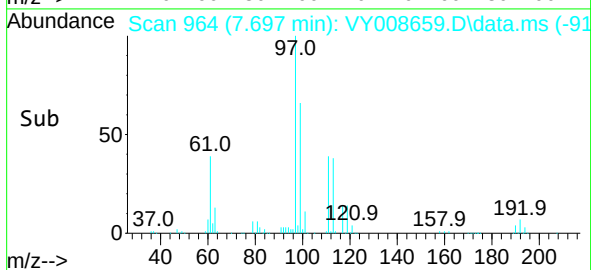
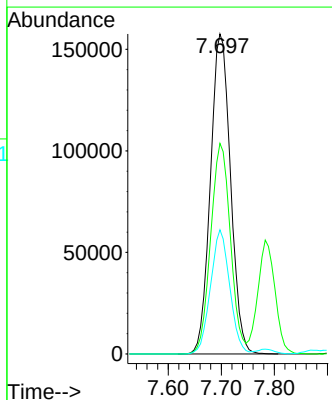
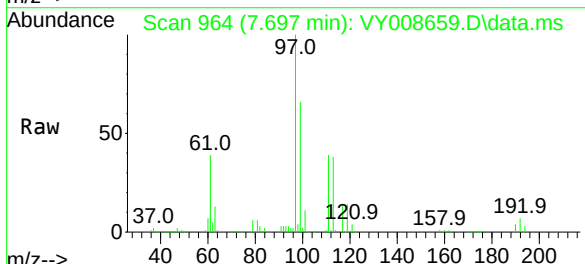
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

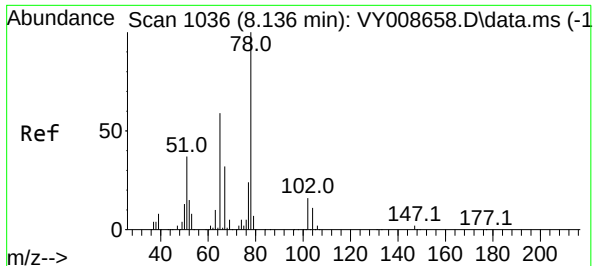
Tgt Ion: 56 Resp: 417471
Ion Ratio Lower Upper
56 100
69 34.5 26.7 40.1
84 99.8 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 87.454 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 97 Resp: 414094
Ion Ratio Lower Upper
97 100
99 64.7 50.7 76.1
61 37.1 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 79.015 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

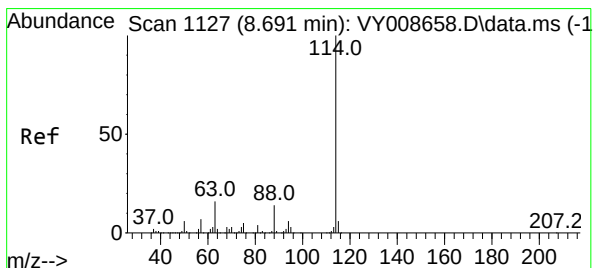
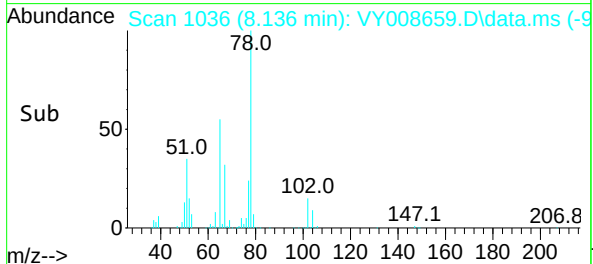
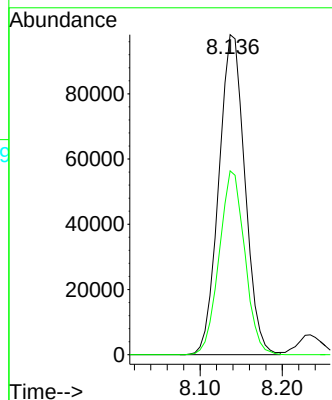
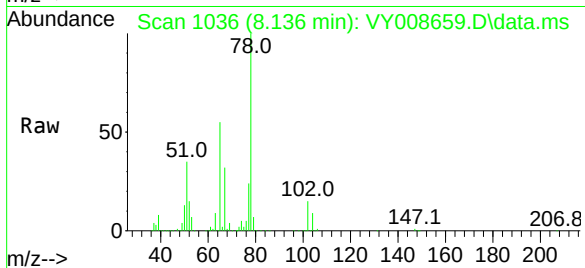
VSTDIC100

Tgt Ion: 65 Resp: 216835

Ion Ratio Lower Upper

65 100

67 56.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

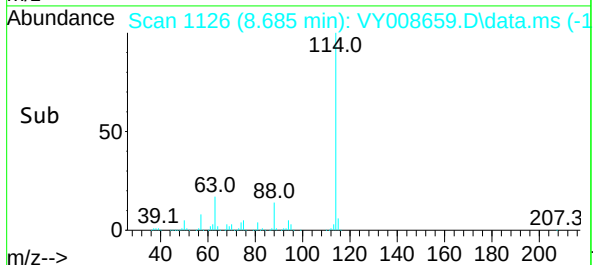
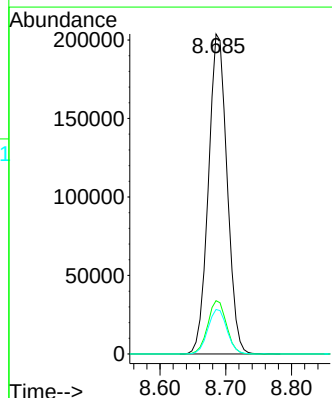
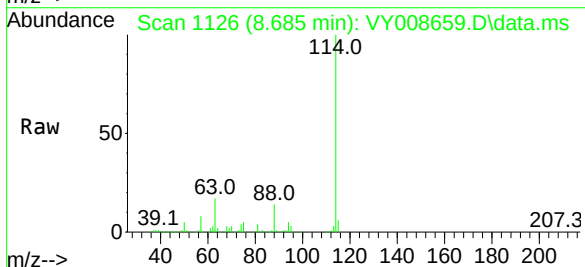
Tgt Ion: 114 Resp: 402074

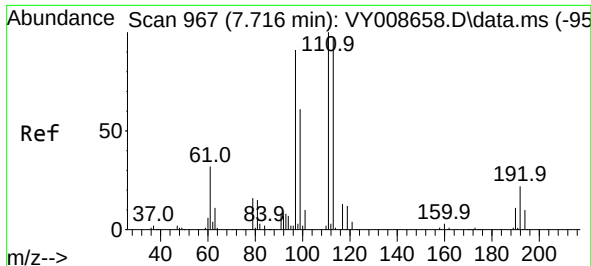
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 13.9 0.0 31.8

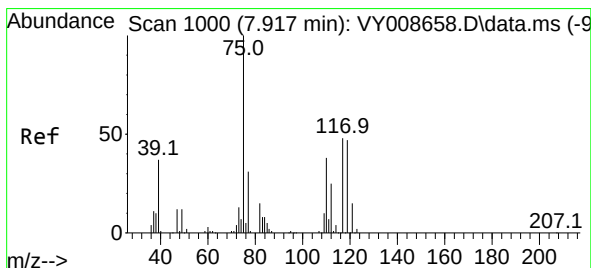
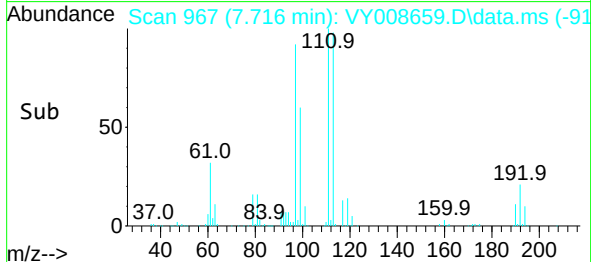
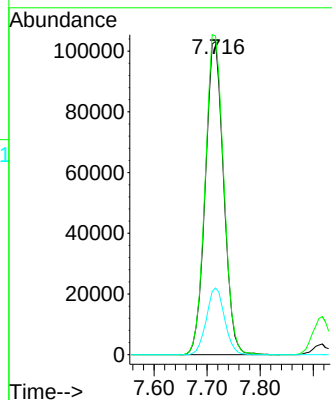
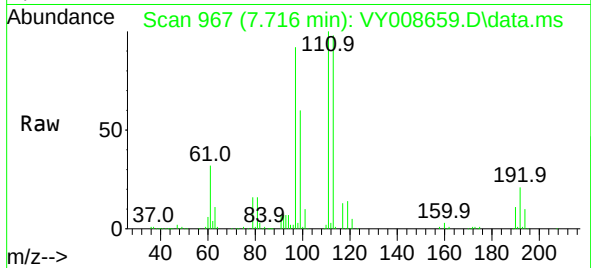




#35
Dibromofluoromethane
Concen: 100.787 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

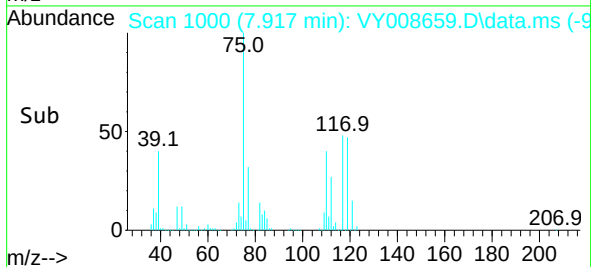
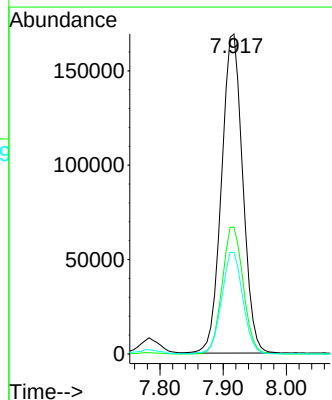
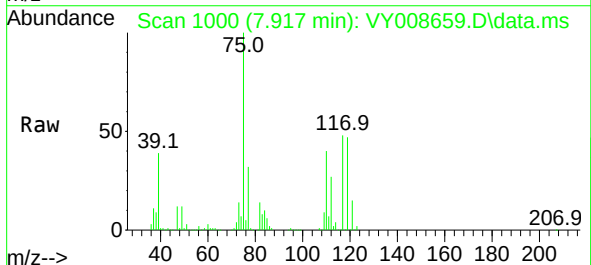
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

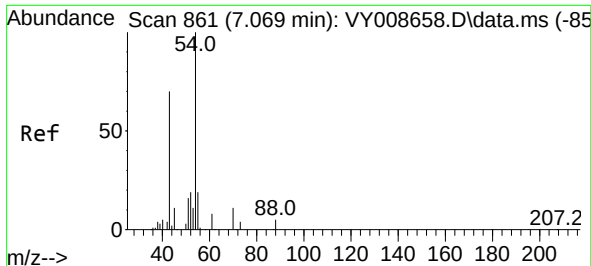
Tgt Ion:113 Resp: 247761
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 99.884 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 75 Resp: 392489
Ion Ratio Lower Upper
75 100
110 39.5 17.1 51.2
77 32.0 24.4 36.6

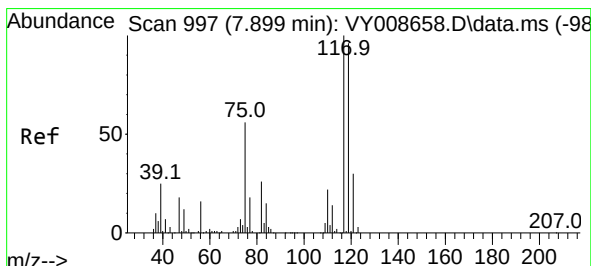
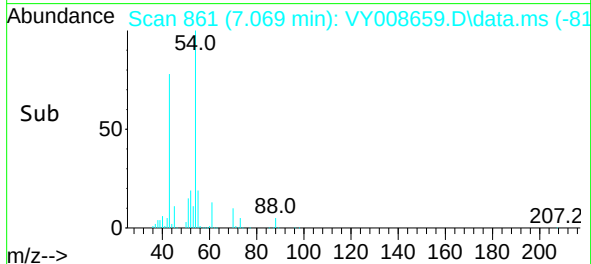
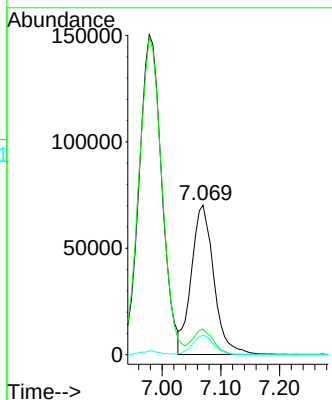
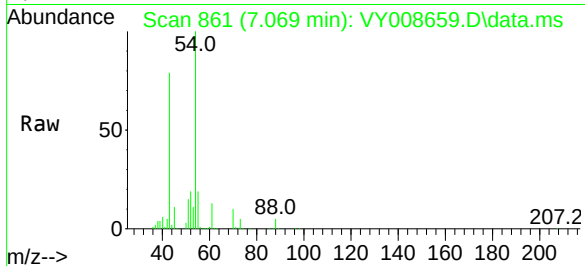




#37
Ethyl Acetate
Concen: 87.953 ug/l
RT: 7.069 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

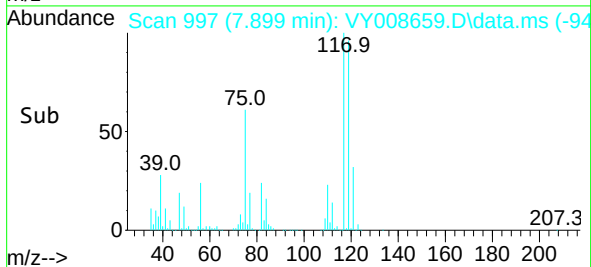
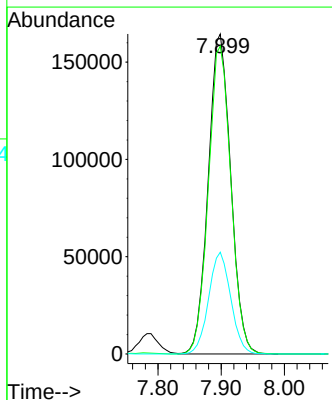
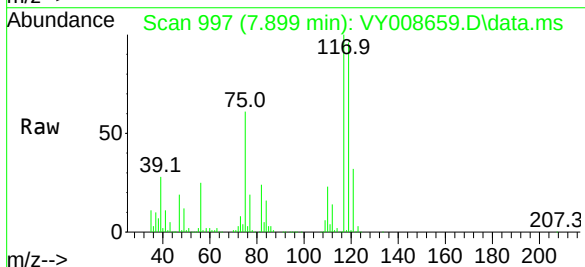
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

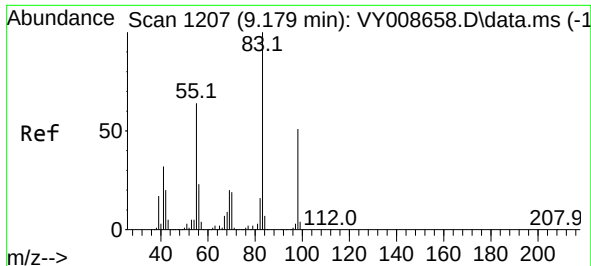
Tgt Ion: 43 Resp: 186172
Ion Ratio Lower Upper
43 100
61 15.8 9.7 14.5#
70 12.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 103.630 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 117 Resp: 406692
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9
121 31.8 24.8 37.2





#39

Methylcyclohexane

Concen: 101.850 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

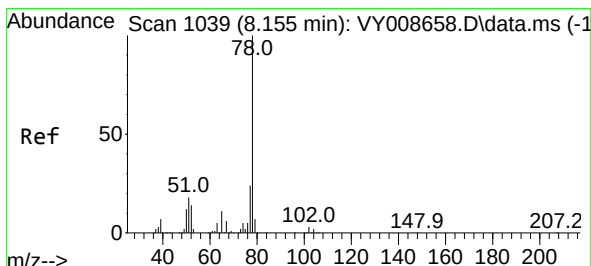
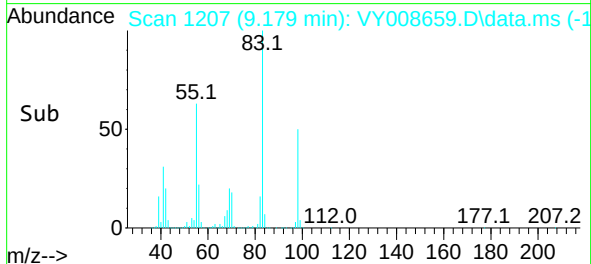
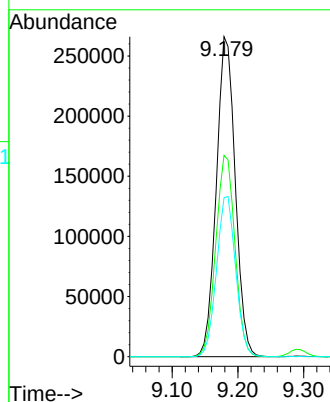
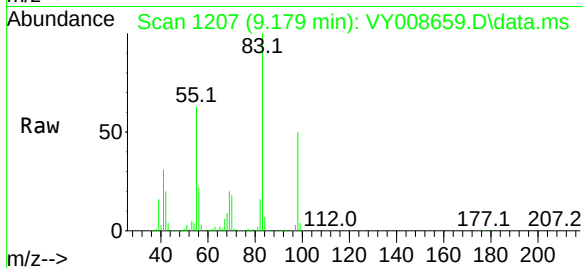
Tgt Ion: 83 Resp: 532975

Ion Ratio Lower Upper

83 100

55 62.9 66.5 99.7#

98 49.7 37.9 56.9



#40

Benzene

Concen: 100.083 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY008659.D

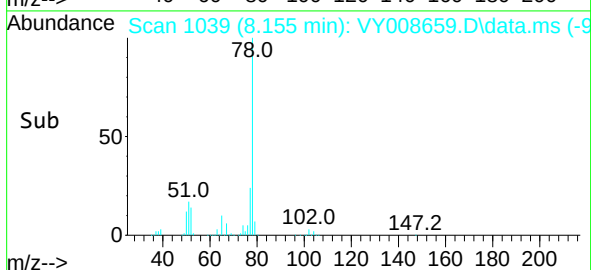
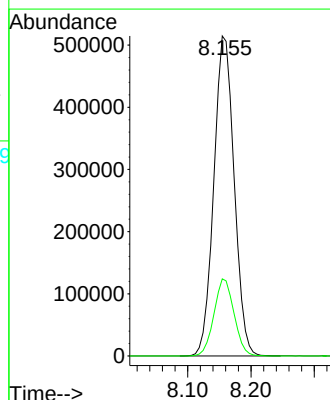
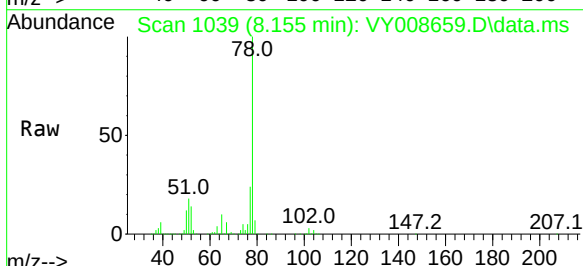
Acq: 09 May 2022 12:25

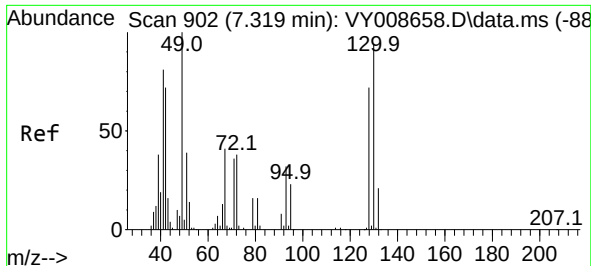
Tgt Ion: 78 Resp: 1147238

Ion Ratio Lower Upper

78 100

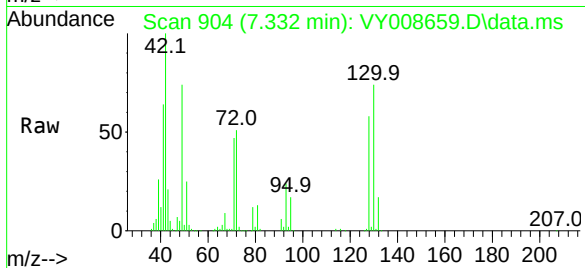
77 24.1 20.4 30.6



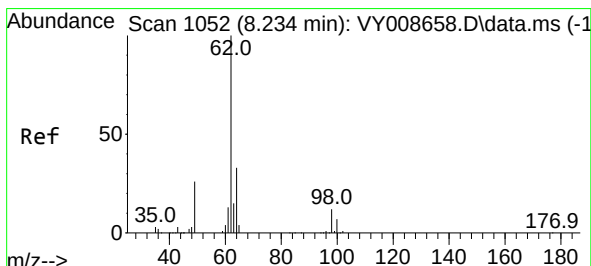
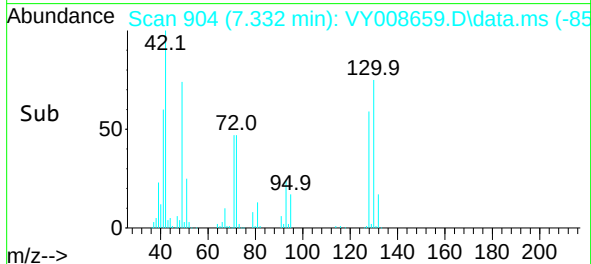
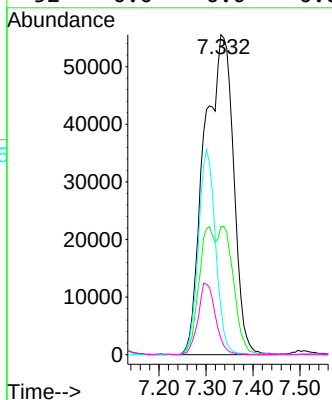


#41
Methacrylonitrile
Concen: 223.984 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

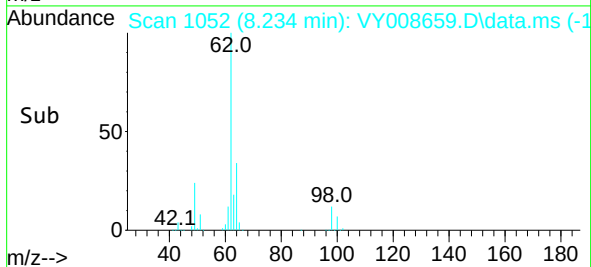
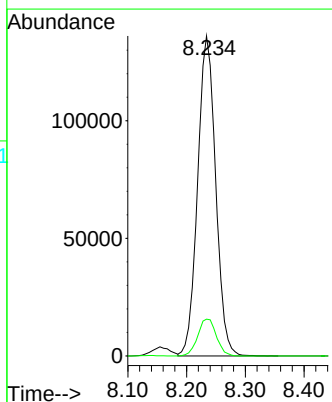
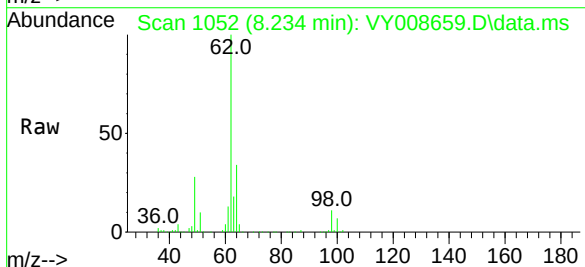


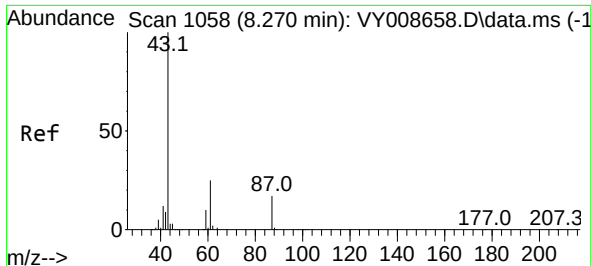
Tgt Ion: 41 Resp: 239441
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 87.438 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 62 Resp: 290557
Ion Ratio Lower Upper
62 100
98 11.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 88.569 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

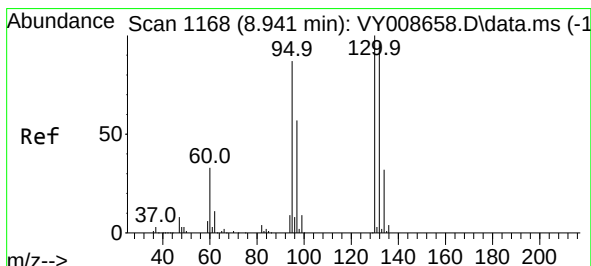
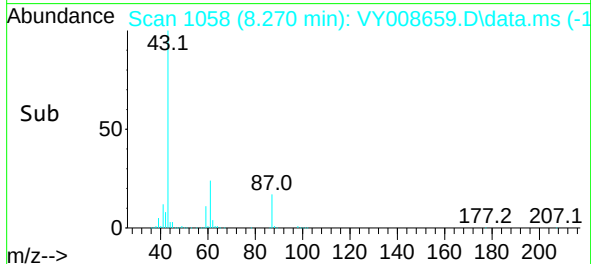
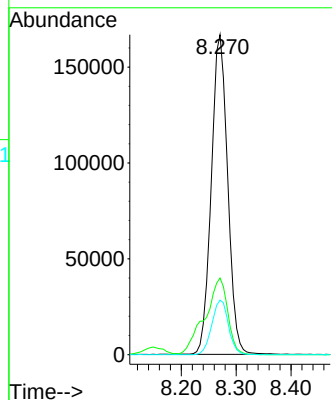
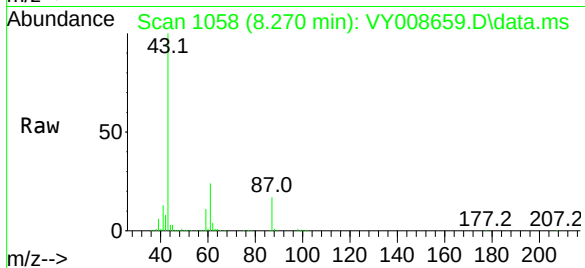
Tgt Ion: 43 Resp: 345284

Ion Ratio Lower Upper

43 100

61 33.5 20.2 30.2#

87 17.3 8.9 13.3#



#44

Trichloroethene

Concen: 102.247 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY008659.D

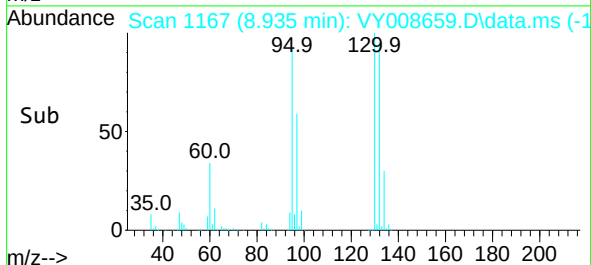
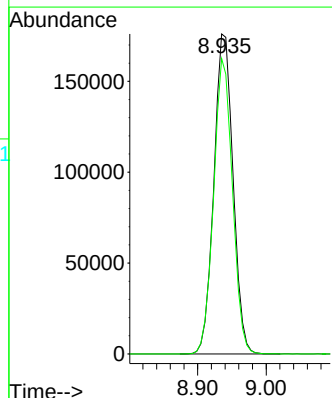
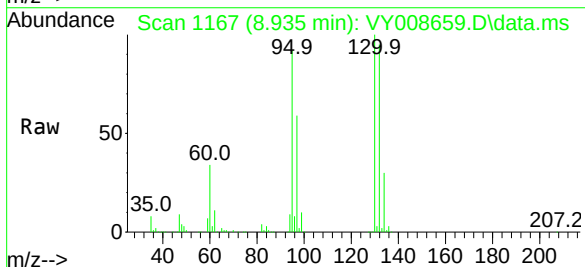
Acq: 09 May 2022 12:25

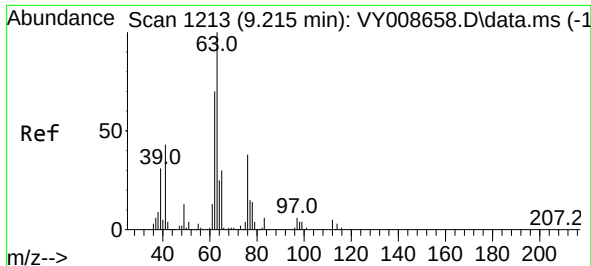
Tgt Ion:130 Resp: 341601

Ion Ratio Lower Upper

130 100

95 92.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 97.718 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

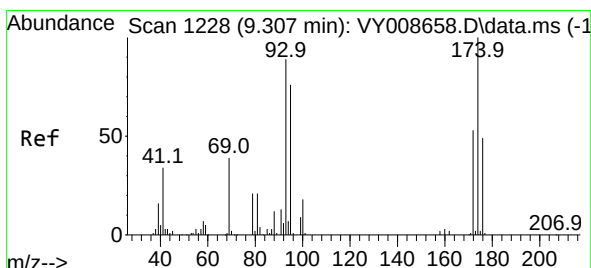
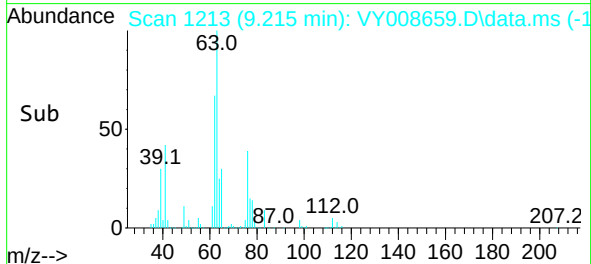
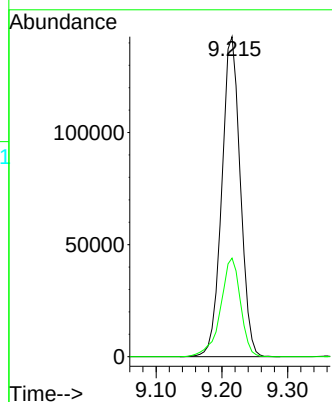
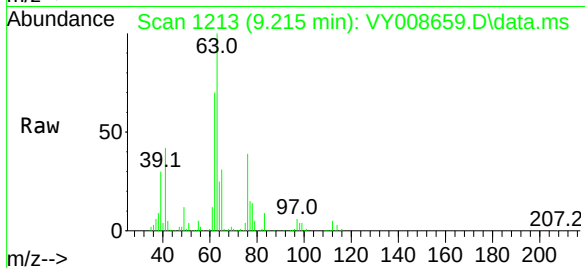
VSTDICC100

Tgt Ion: 63 Resp: 279887

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.6



#46

Dibromomethane

Concen: 88.703 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

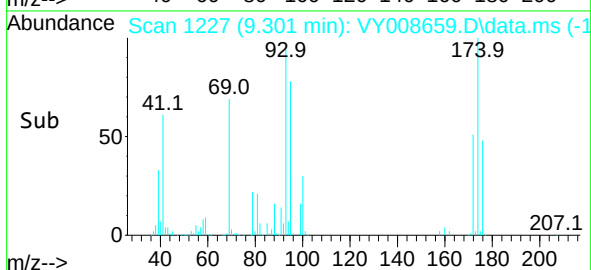
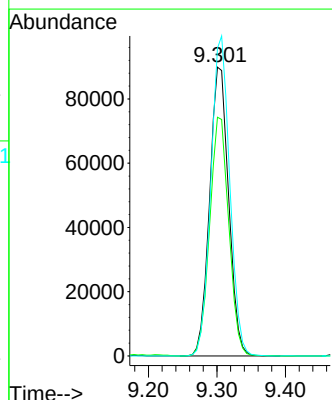
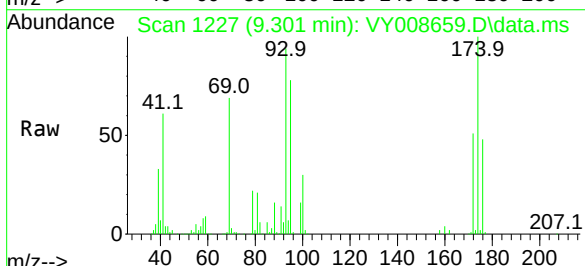
Tgt Ion: 93 Resp: 173296

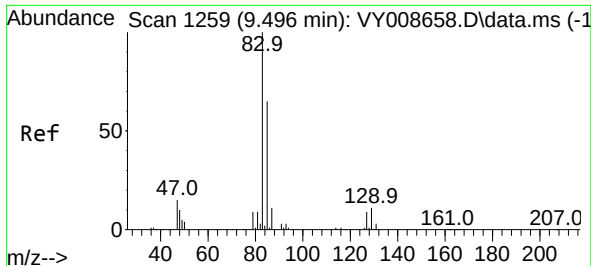
Ion Ratio Lower Upper

93 100

95 82.9 64.3 96.5

174 109.6 83.4 125.0





#47

Bromodichloromethane

Concen: 93.582 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

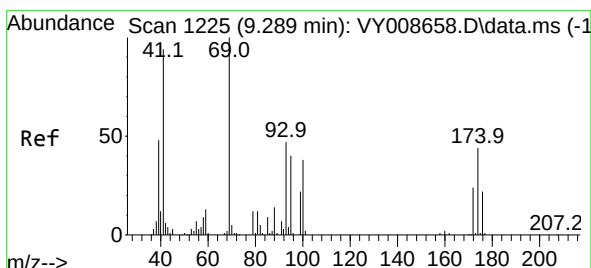
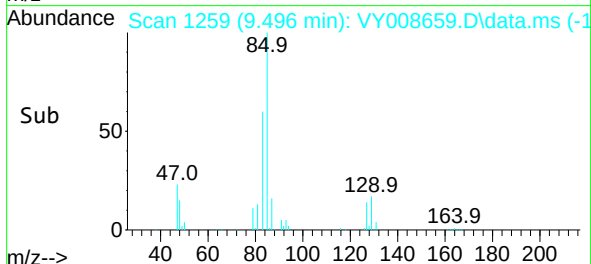
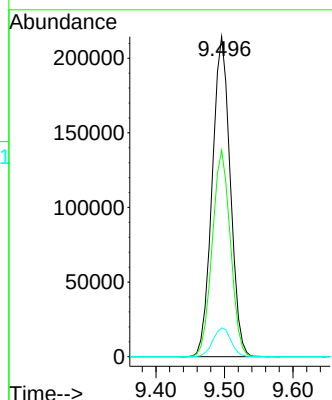
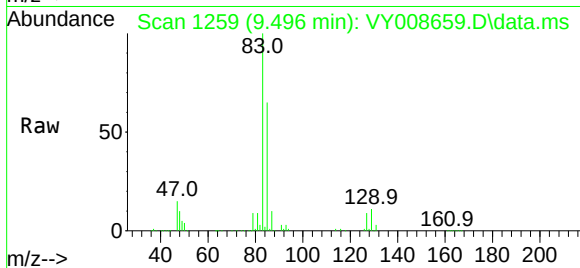
Tgt Ion: 83 Resp: 392433

Ion Ratio Lower Upper

83 100

85 64.5 51.9 77.9

127 9.0 6.6 10.0



#48

Methyl methacrylate

Concen: 87.459 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

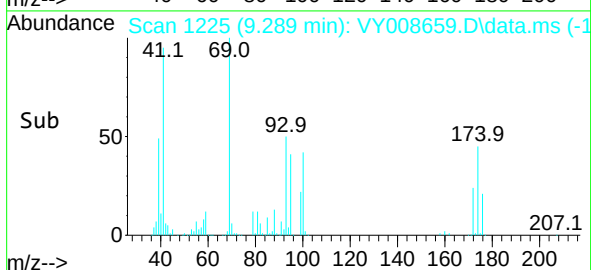
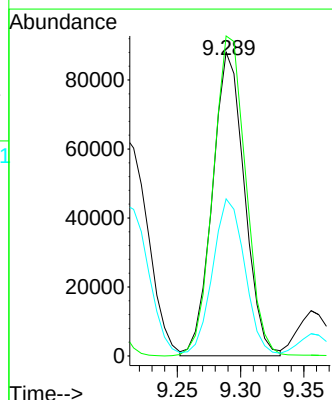
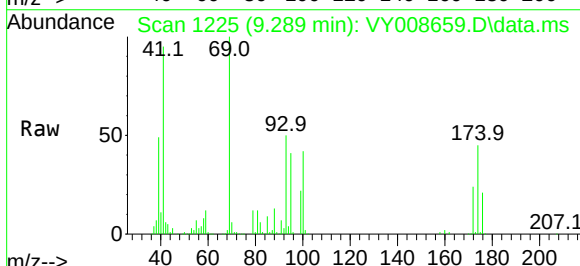
Tgt Ion: 41 Resp: 155032

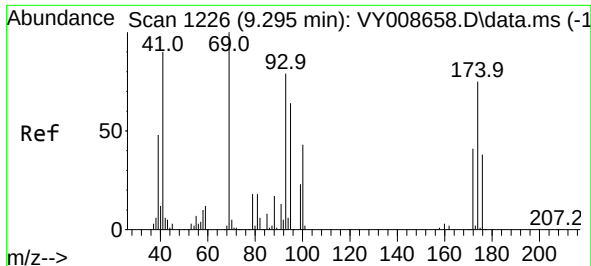
Ion Ratio Lower Upper

41 100

69 107.6 58.2 87.2#

39 50.3 47.4 71.0





#49

1,4-Dioxane

Concen: 2012.316 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

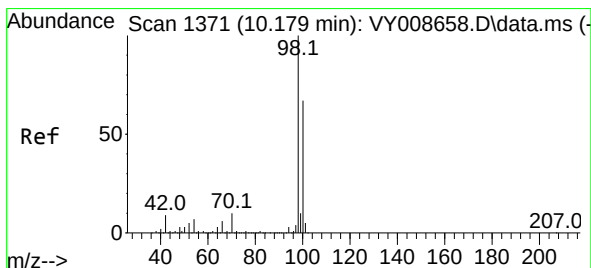
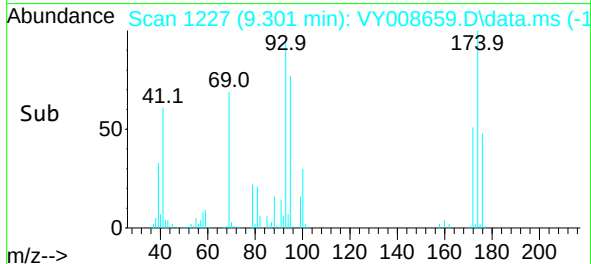
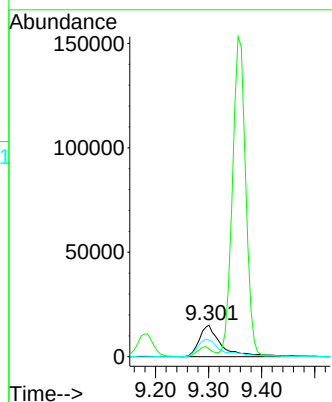
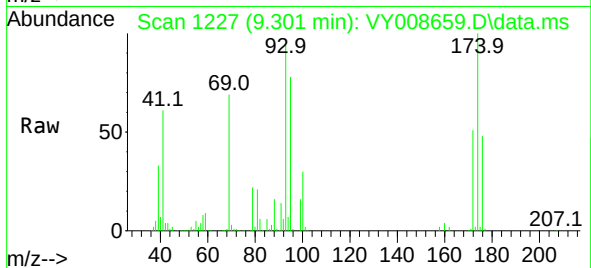
Tgt Ion: 88 Resp: 43238

Ion Ratio Lower Upper

88 100

43 22.6 32.8 49.2#

58 60.3 59.8 89.6



#50

Toluene-d8

Concen: 94.056 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008659.D

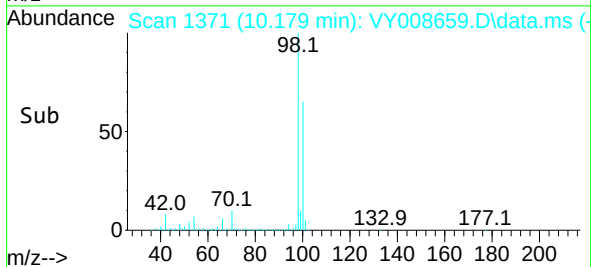
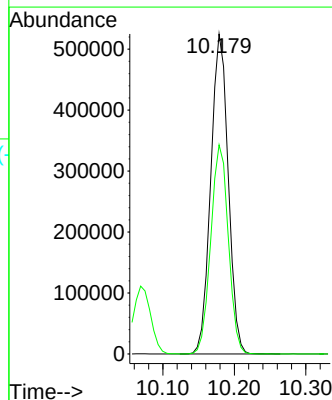
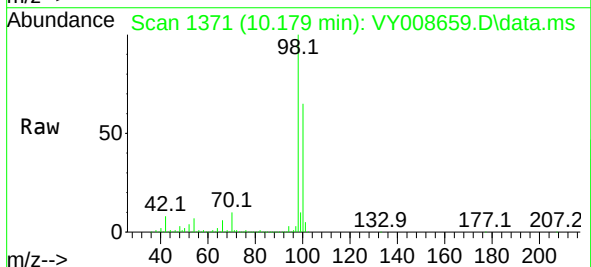
Acq: 09 May 2022 12:25

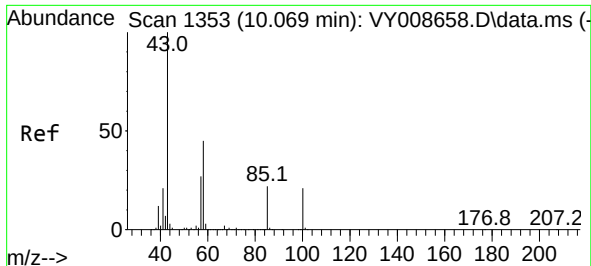
Tgt Ion: 98 Resp: 889166

Ion Ratio Lower Upper

98 100

100 65.8 50.2 75.2

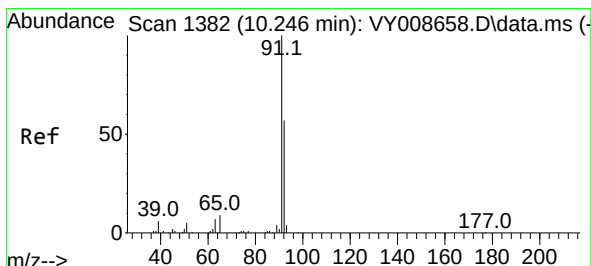
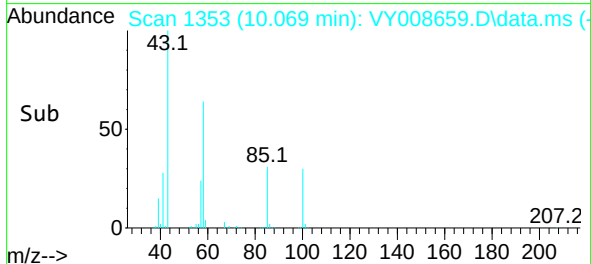
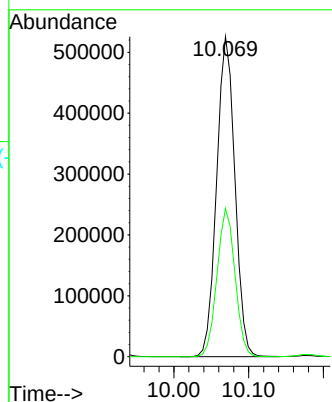
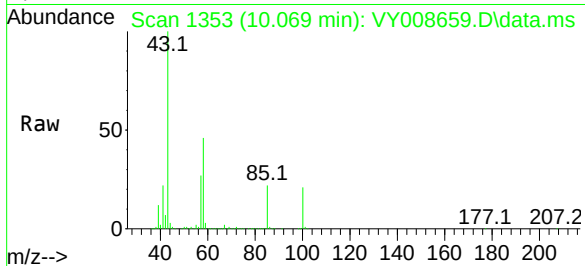




#51
4-Methyl-2-Pentanone
Concen: 416.395 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

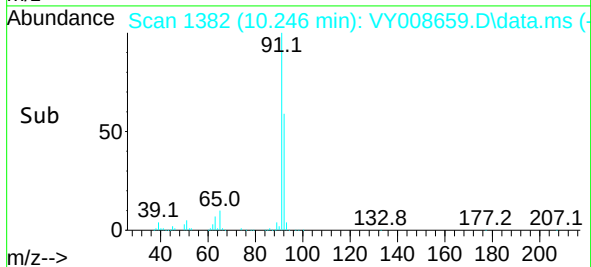
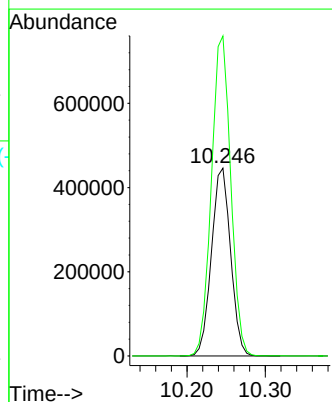
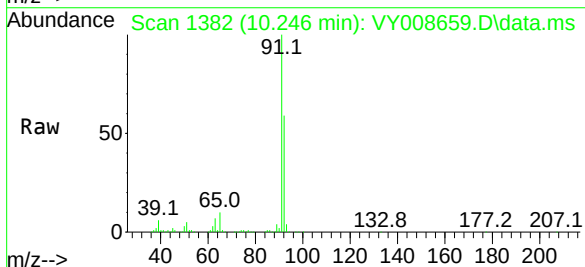
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

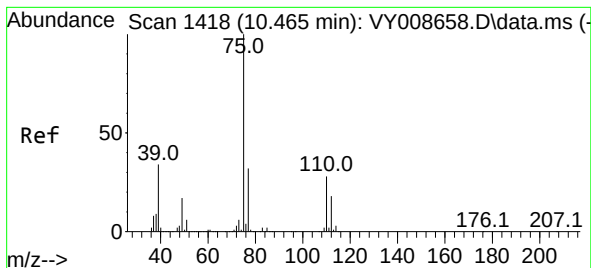
Tgt Ion: 43 Resp: 891956
Ion Ratio Lower Upper
43 100
58 45.7 28.1 42.1#



#52
Toluene
Concen: 95.222 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 92 Resp: 755925
Ion Ratio Lower Upper
92 100
91 171.8 142.6 213.8

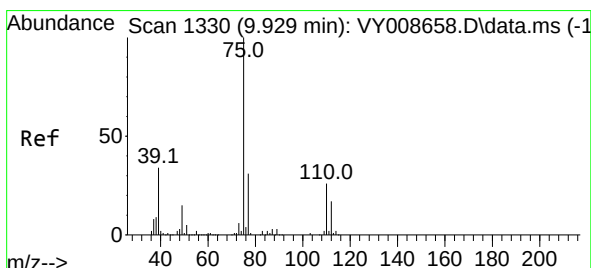
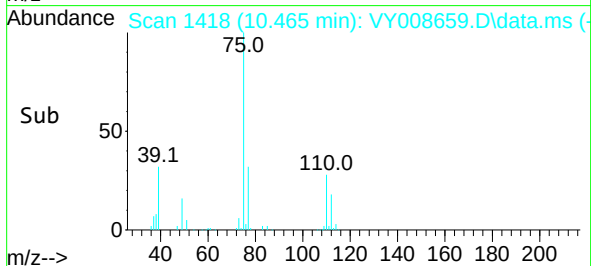
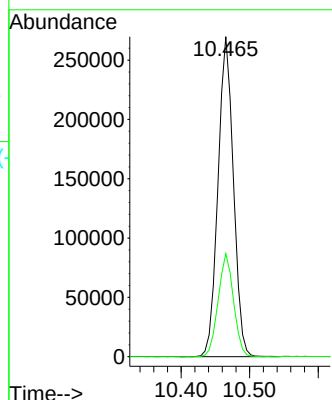
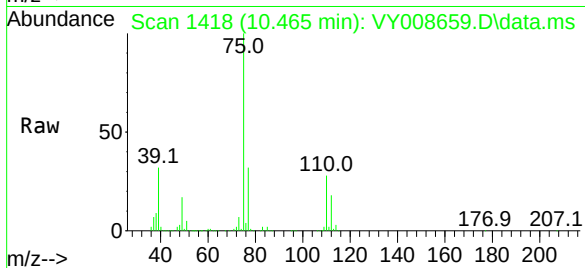




#53
t-1,3-Dichloropropene
Concen: 86.439 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

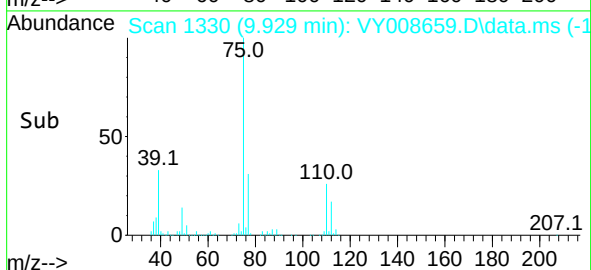
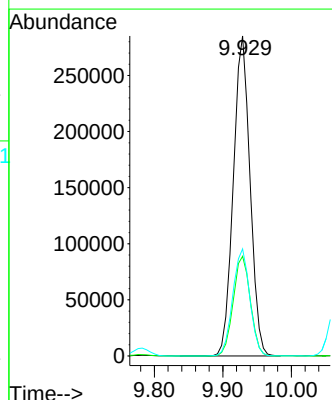
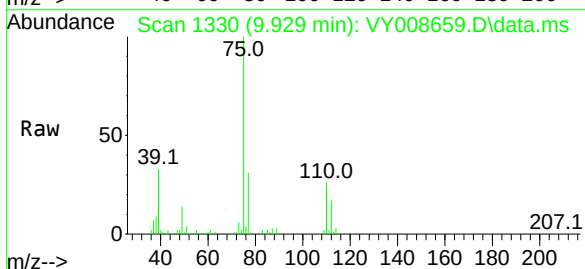
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

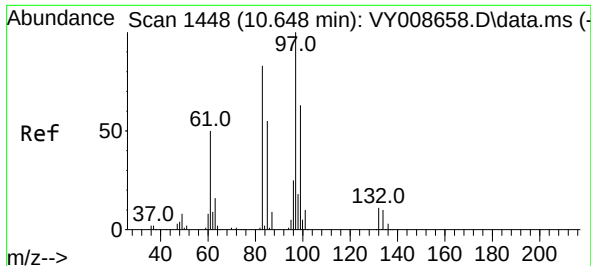
Tgt Ion: 75 Resp: 419675
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 96.230 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 75 Resp: 483483
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 33.5 47.6 71.4#



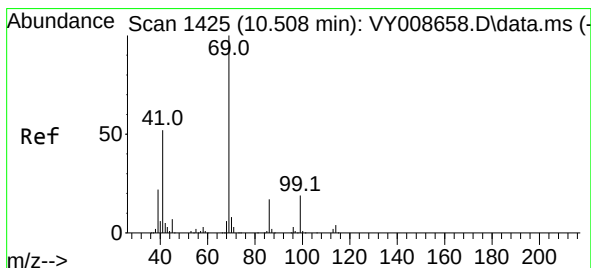
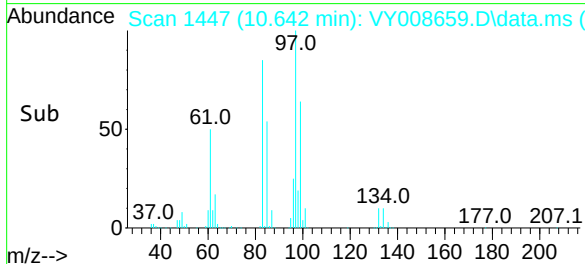
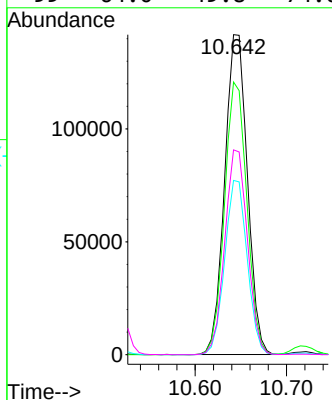
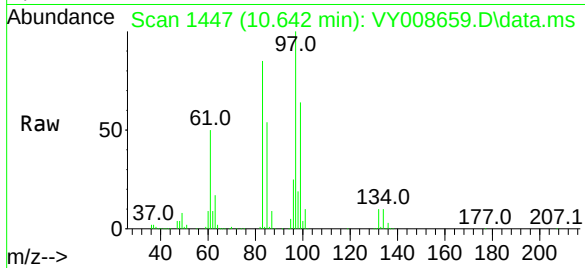


#55
1,1,2-Trichloroethane
Concen: 86.701 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 244977

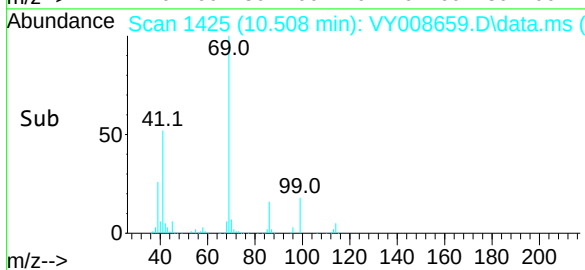
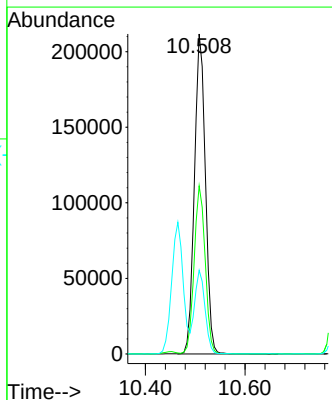
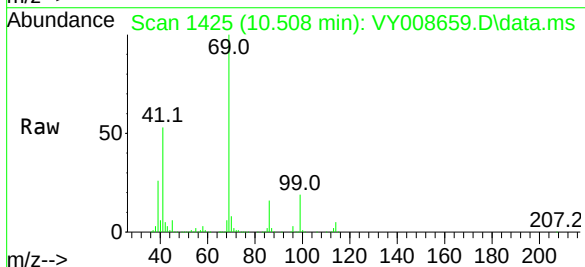
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.8	104.8
85	54.5	44.3	66.5
99	64.0	49.8	74.6

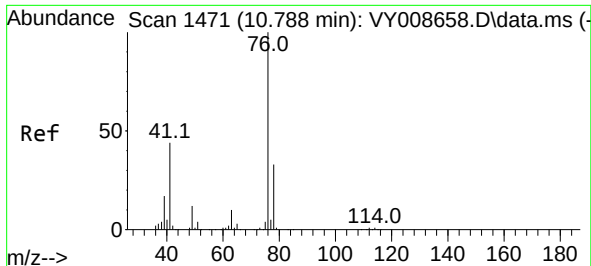


#56
Ethyl methacrylate
Concen: 89.386 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 69 Resp: 323843

Ion	Ratio	Lower	Upper
69	100		
41	52.4	63.4	95.0#
39	24.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 88.129 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

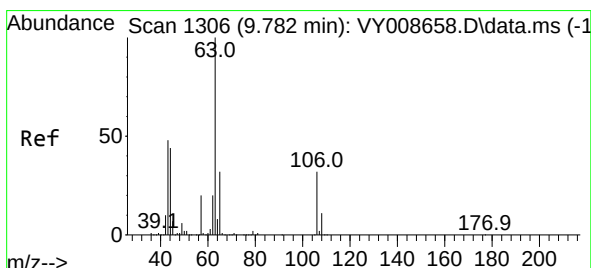
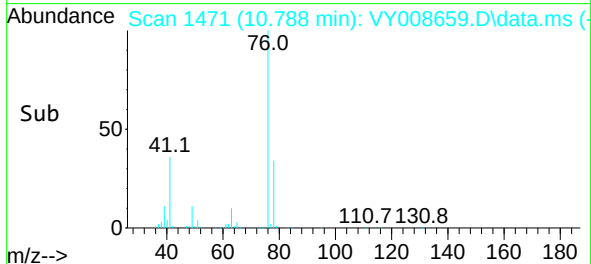
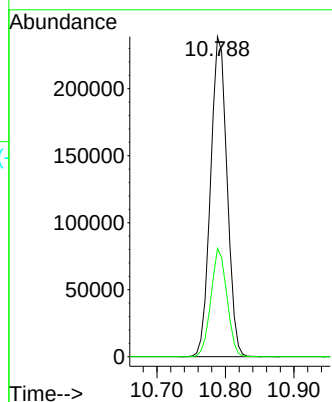
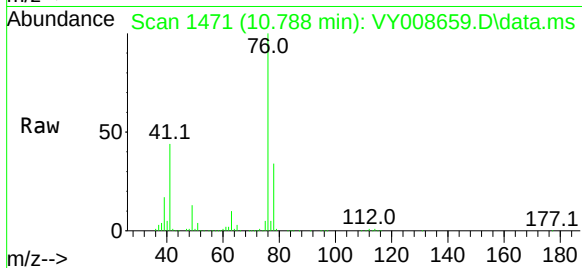
VSTDIC100

Tgt Ion: 76 Resp: 400086

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 469.916 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008659.D

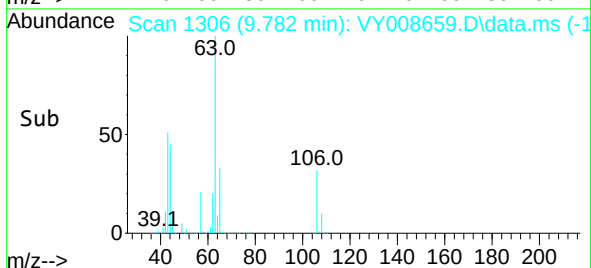
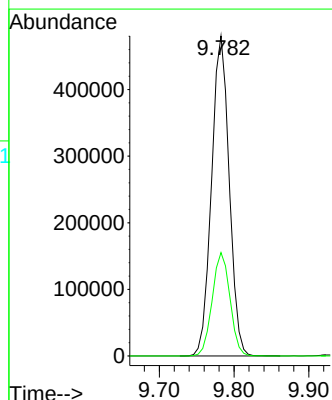
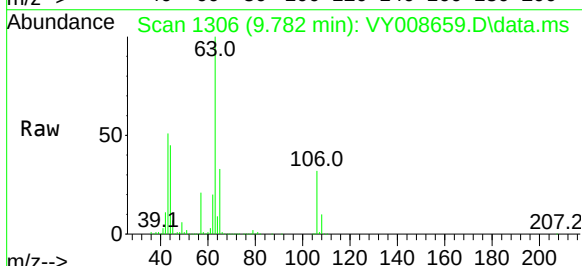
Acq: 09 May 2022 12:25

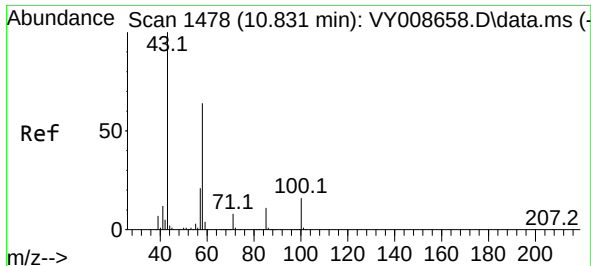
Tgt Ion: 63 Resp: 790430

Ion Ratio Lower Upper

63 100

106 32.4 21.5 32.3#

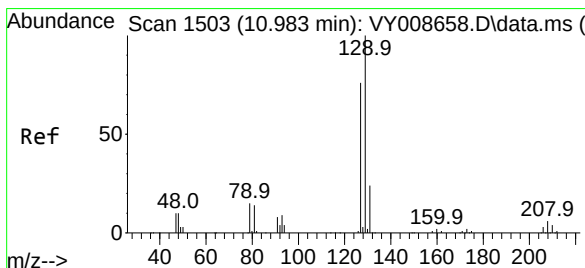
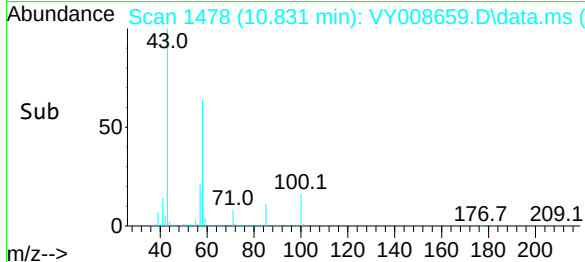
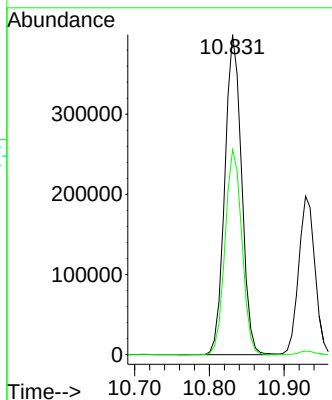
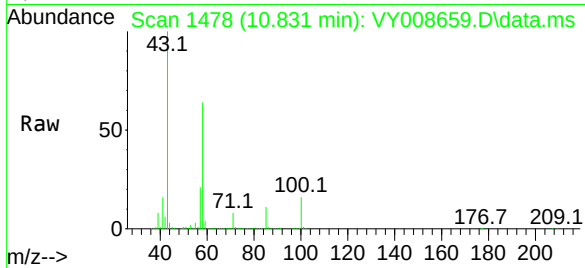




#59
2-Hexanone
Concen: 408.052 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

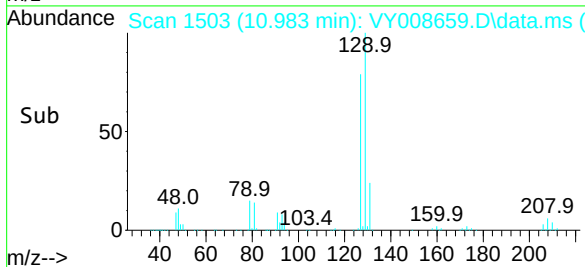
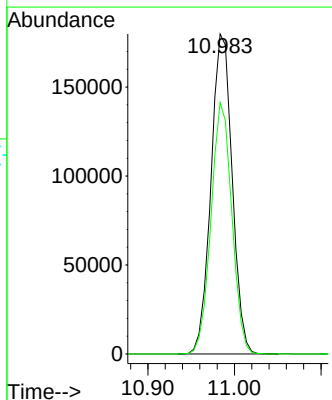
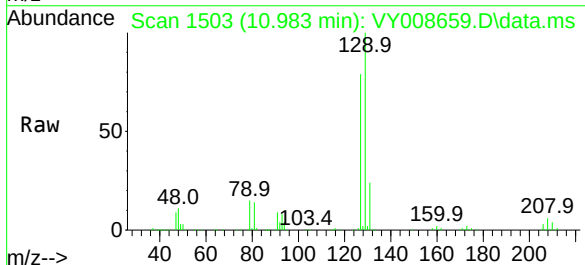
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

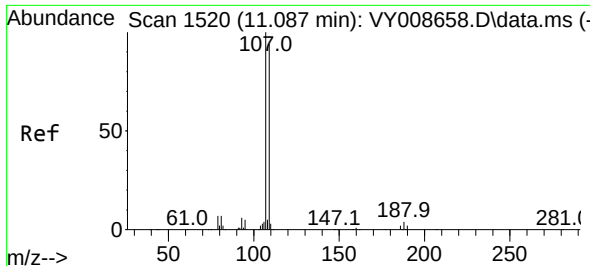
Tgt Ion: 43 Resp: 622280
Ion Ratio Lower Upper
43 100
58 64.4 24.4 73.4



#60
Dibromochloromethane
Concen: 93.220 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 129 Resp: 305176
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

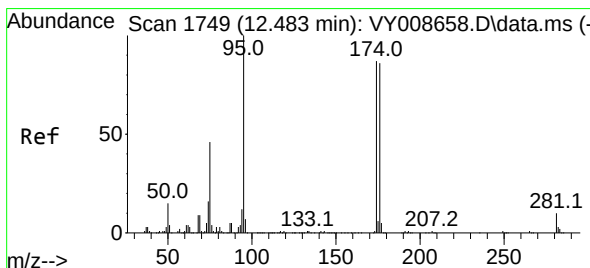
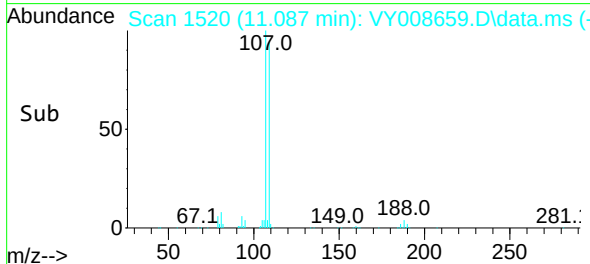
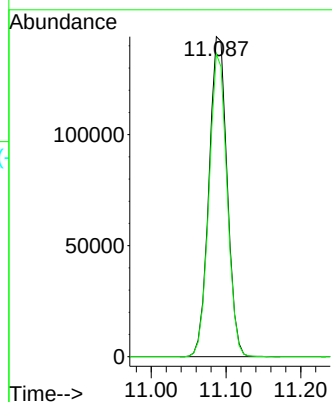
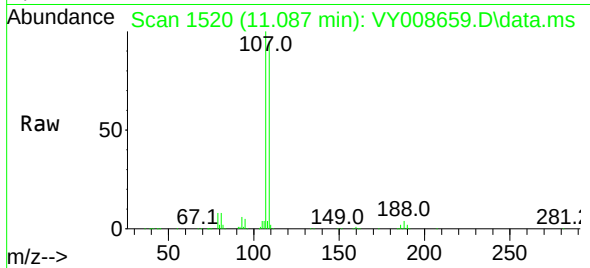




#61
1,2-Dibromoethane
Concen: 90.709 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

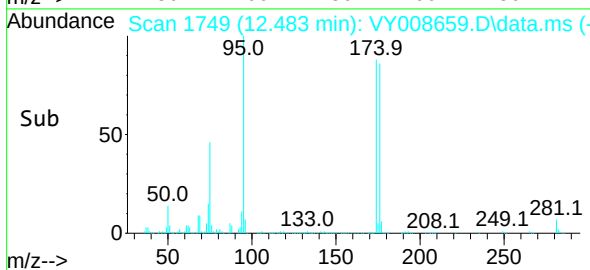
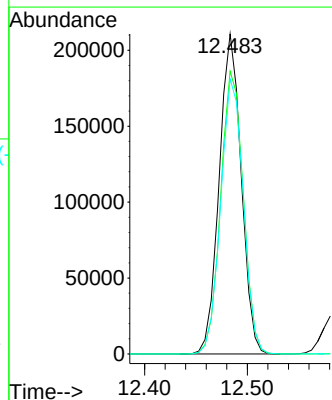
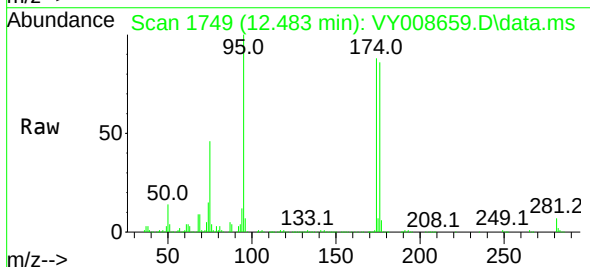
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

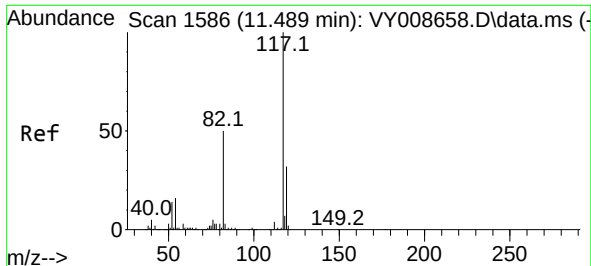
Tgt Ion:107 Resp: 243098
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 90.471 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 95 Resp: 312853
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 88.2 0.0 175.8

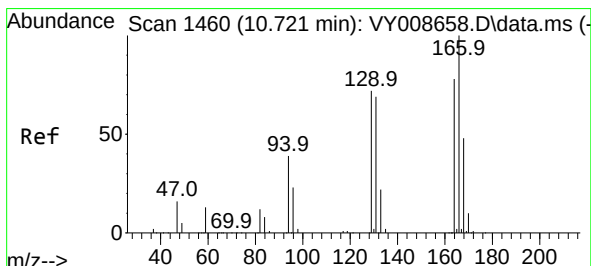
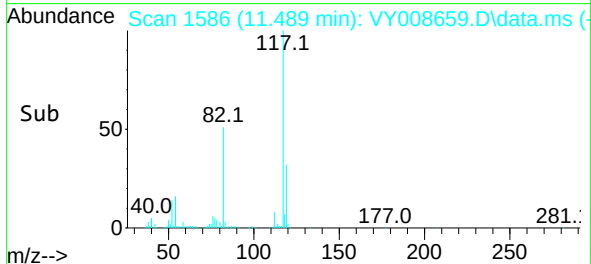
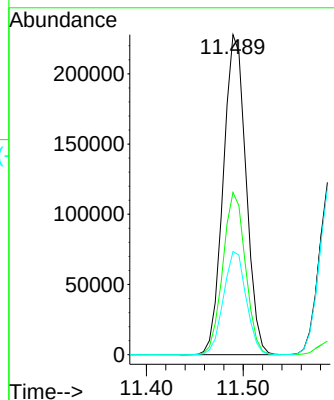
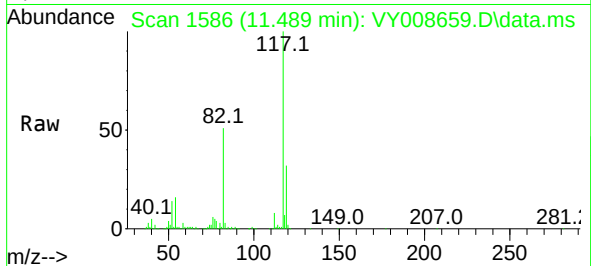




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

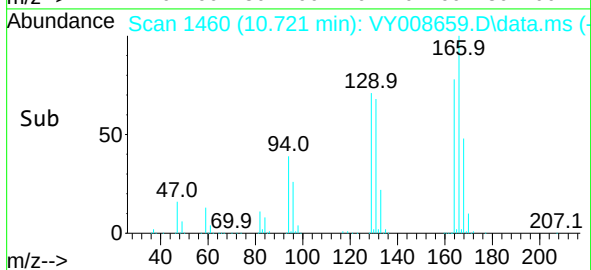
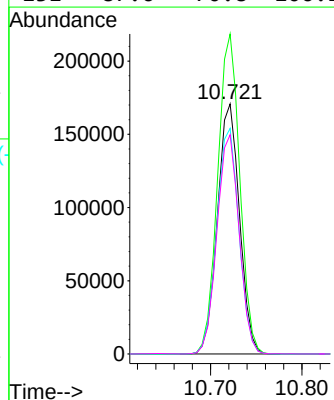
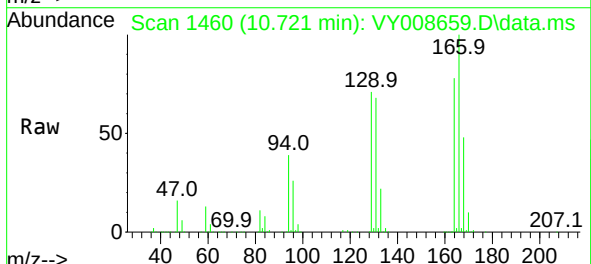
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

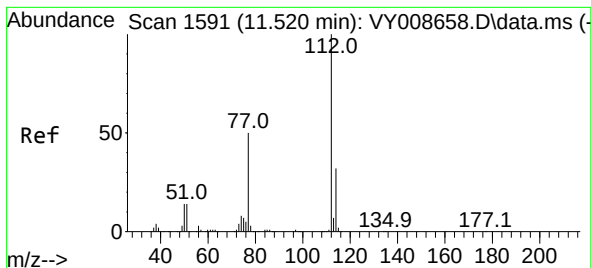
Tgt Ion:117 Resp: 371177
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 101.003 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion:164 Resp: 286607
Ion Ratio Lower Upper
164 100
166 128.0 100.4 150.6
129 90.2 71.4 107.0
131 87.6 70.8 106.2





#65

Chlorobenzene

Concen: 99.745 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

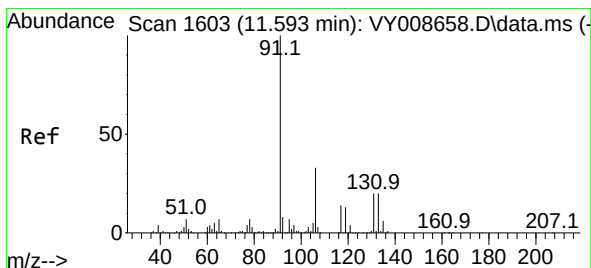
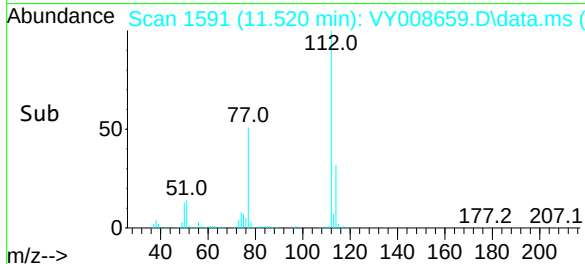
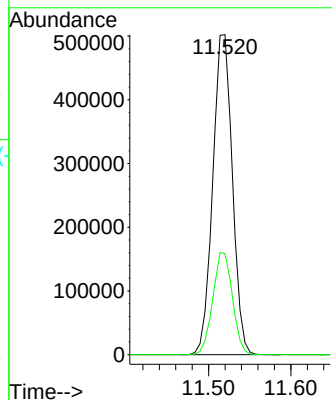
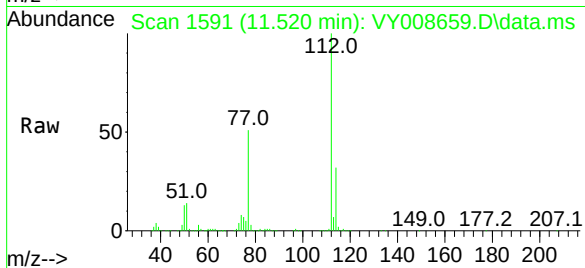
VSTDIC100

Tgt Ion:112 Resp: 831618

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 101.400 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

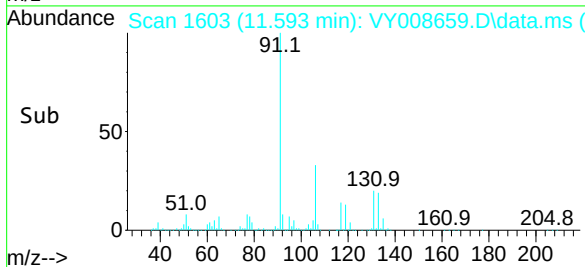
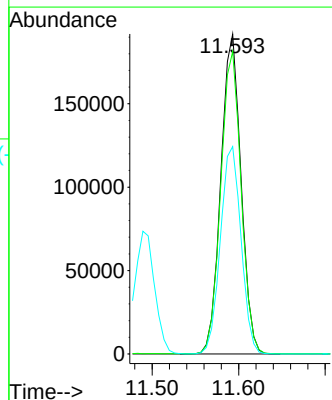
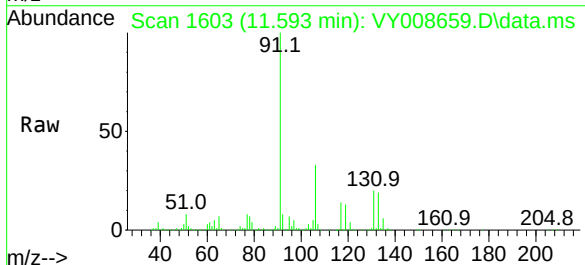
Tgt Ion:131 Resp: 309410

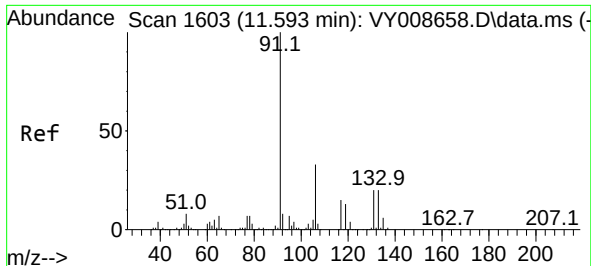
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 66.5 30.8 92.3





#67

Ethyl Benzene

Concen: 99.664 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

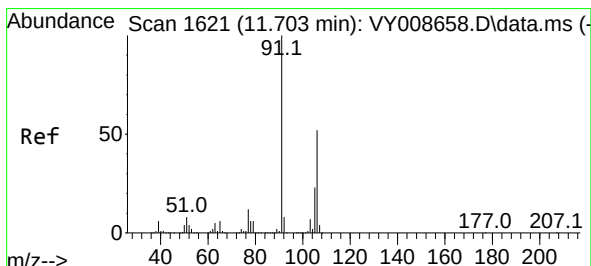
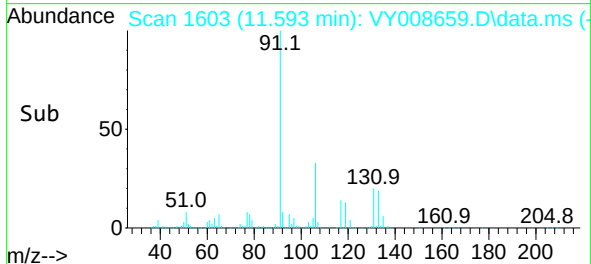
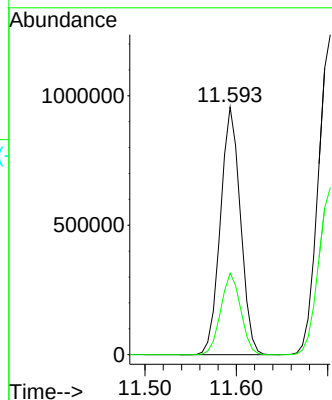
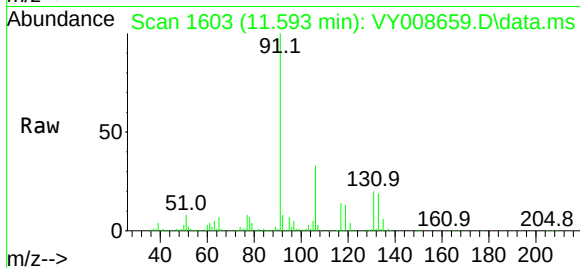
VSTDIC100

Tgt Ion: 91 Resp: 1456193

Ion Ratio Lower Upper

91 100

106 33.0 24.5 36.7



#68

m/p-Xylenes

Concen: 181.337 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008659.D

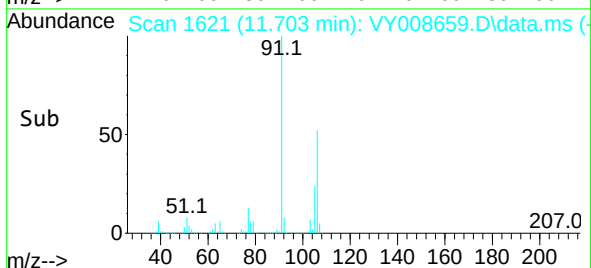
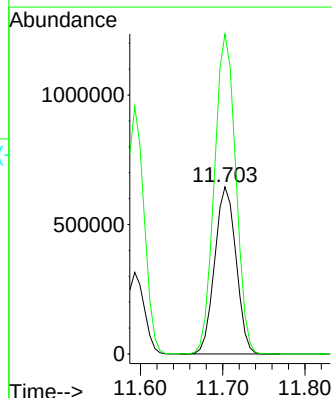
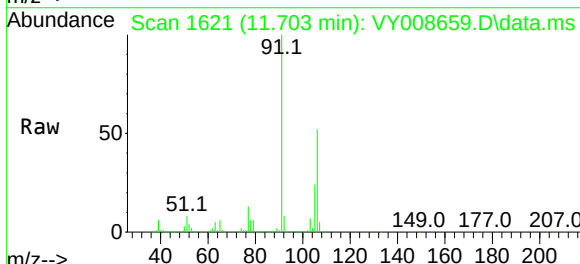
Acq: 09 May 2022 12:25

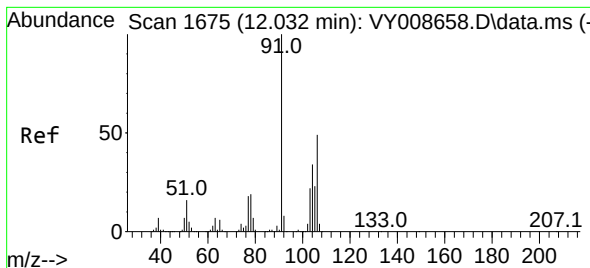
Tgt Ion: 106 Resp: 1163995

Ion Ratio Lower Upper

106 100

91 191.9 166.6 249.8

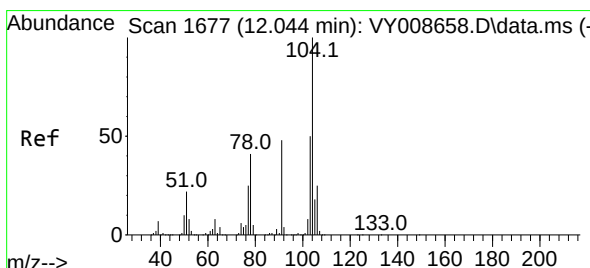
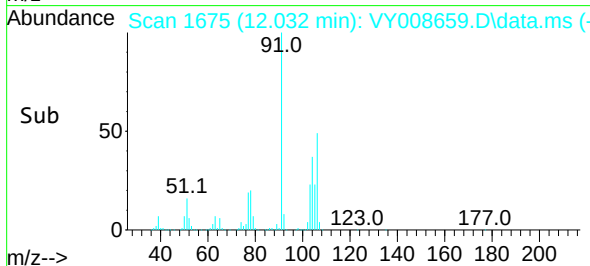
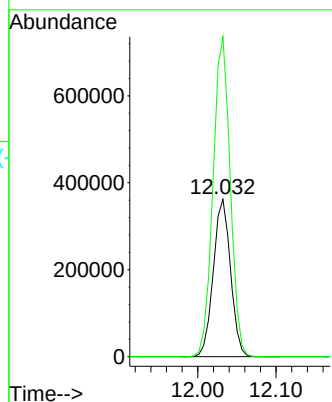
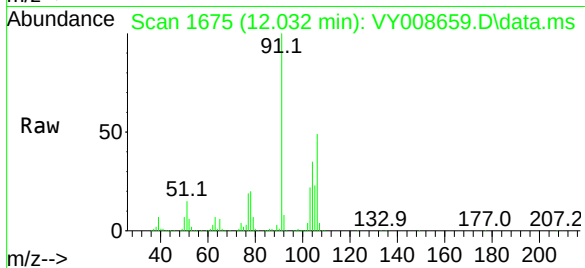




#69
o-Xylene
Concen: 87.358 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

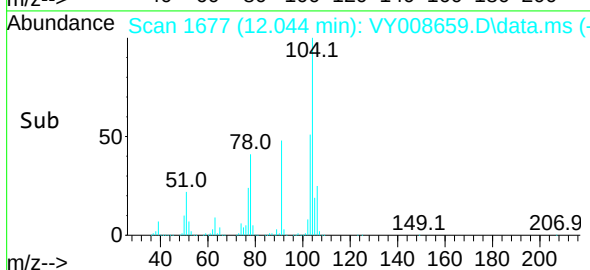
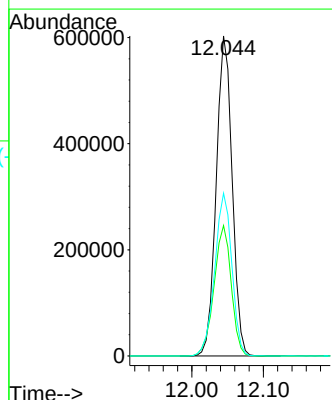
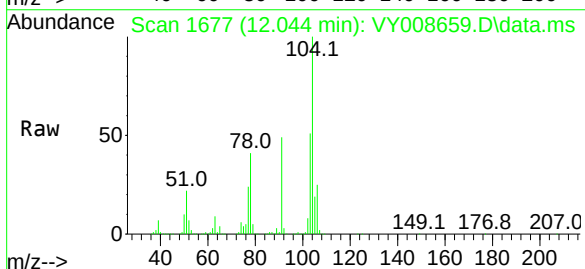
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

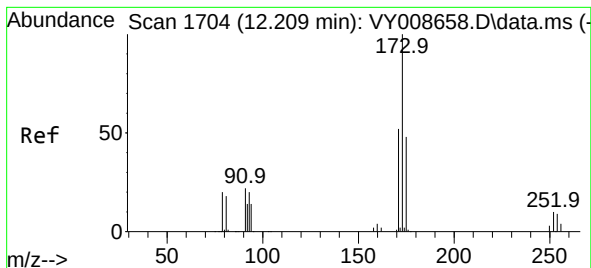
Tgt Ion:106 Resp: 551812
Ion Ratio Lower Upper
106 100
91 203.4 110.3 331.0



#70
Styrene
Concen: 86.642 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion:104 Resp: 931141
Ion Ratio Lower Upper
104 100
78 44.1 42.4 63.6
103 54.8 44.4 66.6





#71

Bromoform

Concen: 87.031 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

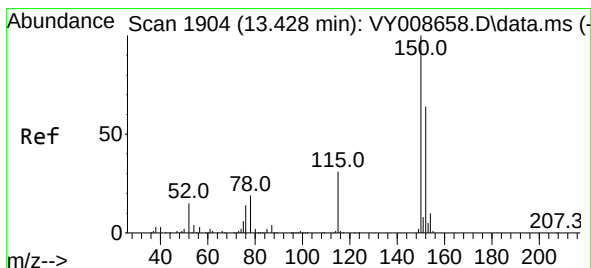
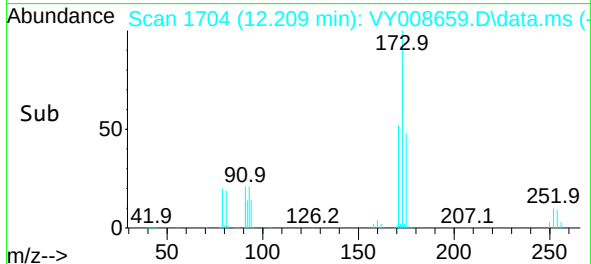
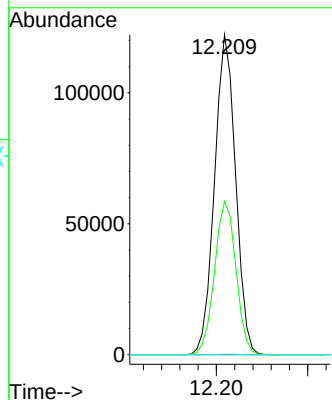
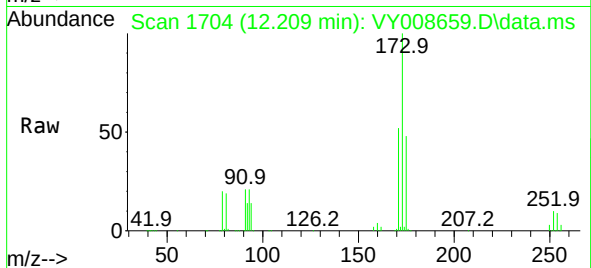
Tgt Ion:173 Resp: 195398

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

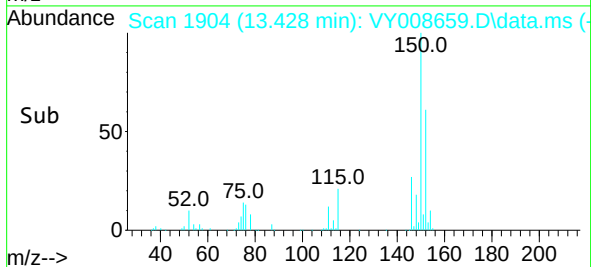
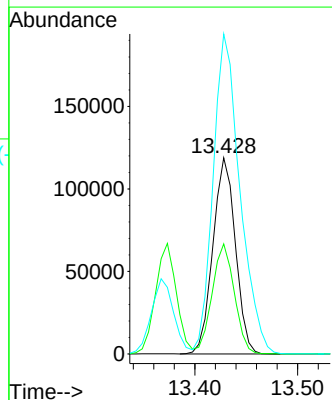
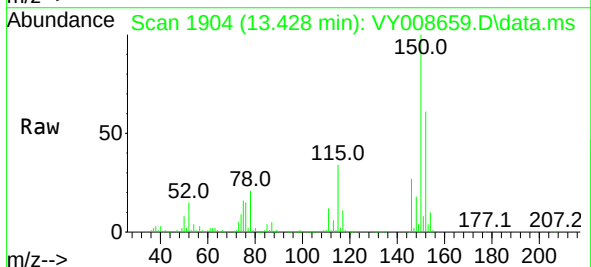
Tgt Ion:152 Resp: 180315

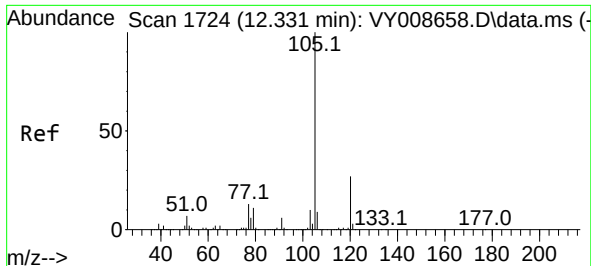
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 194.8 0.0 347.6

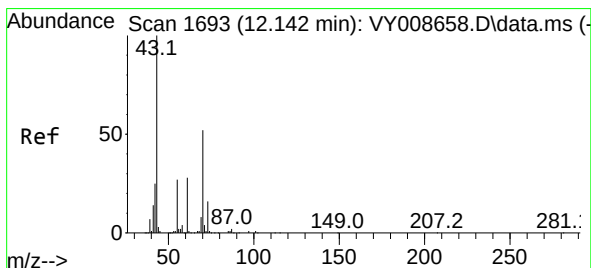
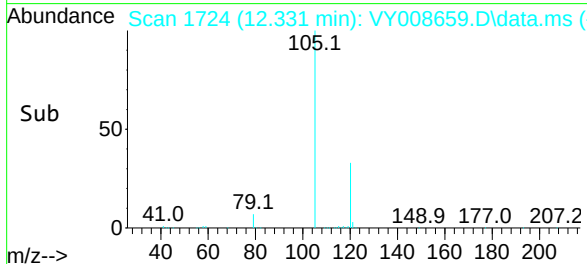
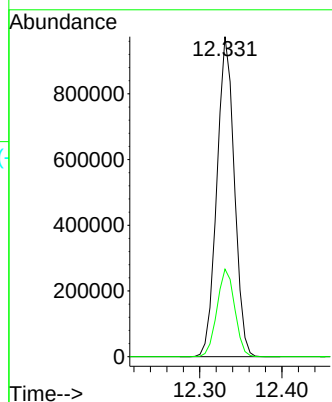
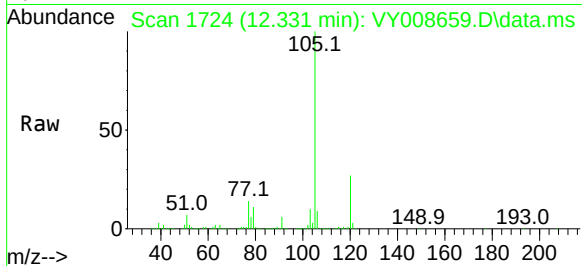




#73
Isopropylbenzene
Concen: 93.987 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

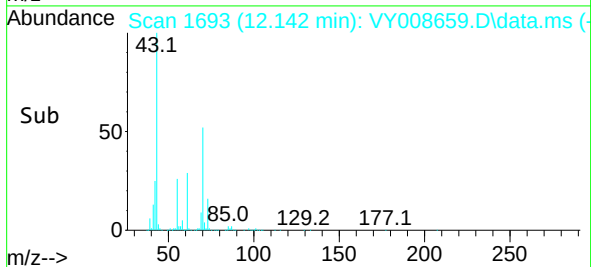
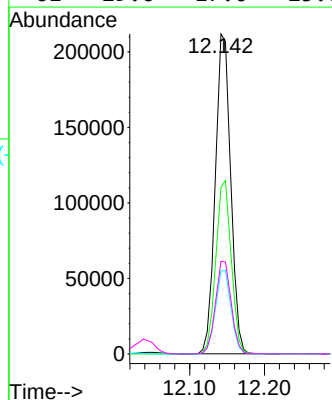
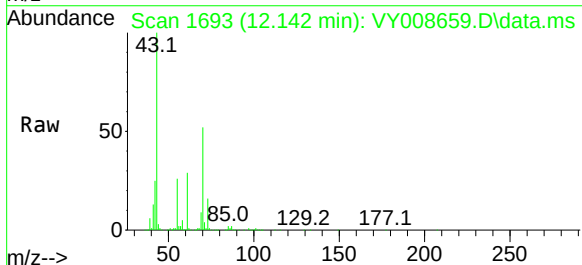
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

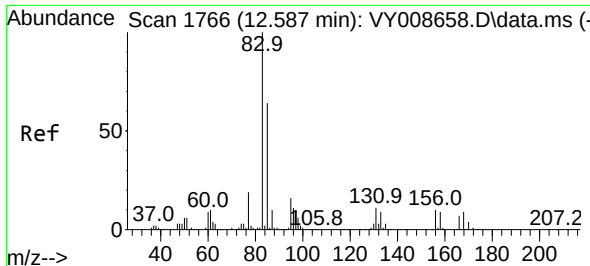
Tgt Ion:105 Resp: 1437100
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#74
N-ethyl acetate
Concen: 79.403 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 43 Resp: 304347
Ion Ratio Lower Upper
43 100
70 54.3 28.7 43.1#
55 26.7 17.3 25.9#
61 29.6 17.0 25.6#

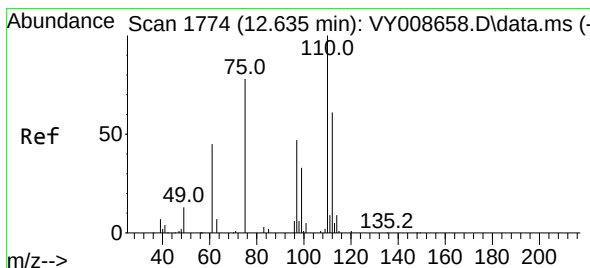
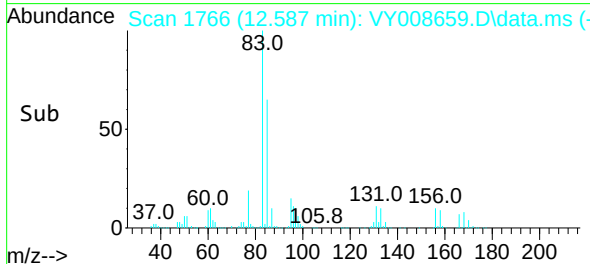
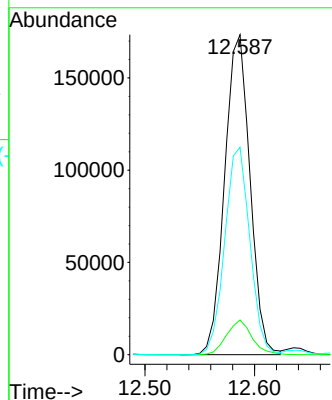
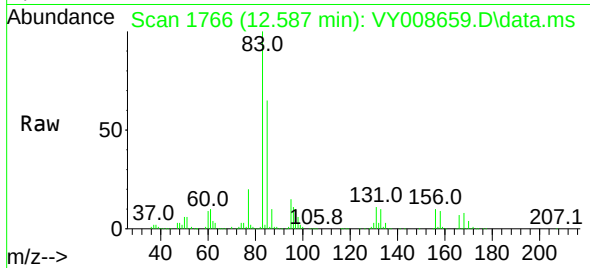




#75
 1,1,2,2-Tetrachloroethane
 Concen: 88.604 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: VY008659.D
 Acq: 09 May 2022 12:25

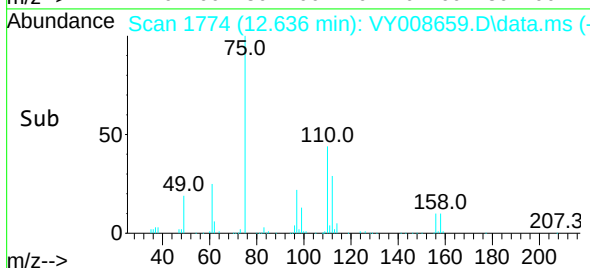
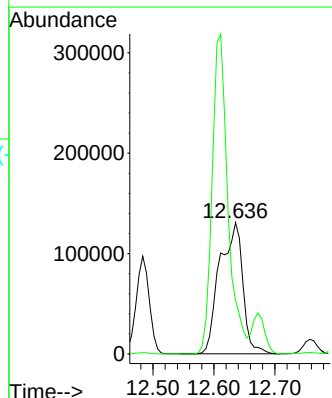
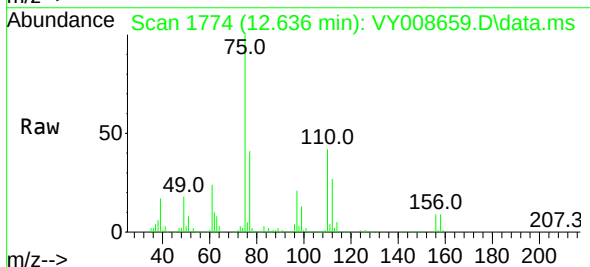
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

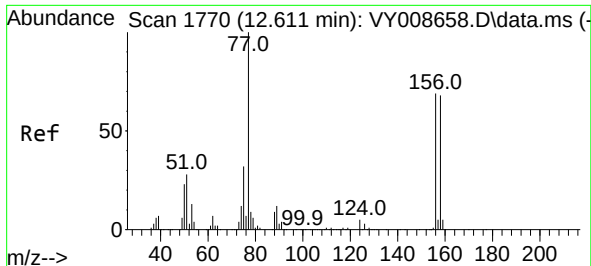
Tgt Ion: 83 Resp: 278315
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.6 16.8
 85 64.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 167.876 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY008659.D
 Acq: 09 May 2022 12:25

Tgt Ion: 75 Resp: 344754
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

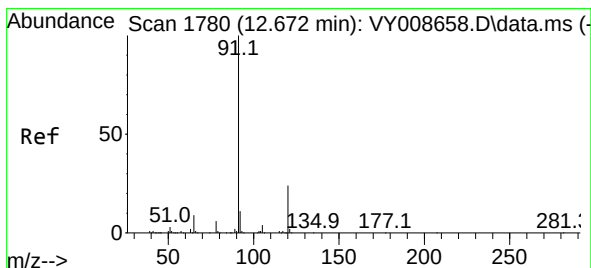
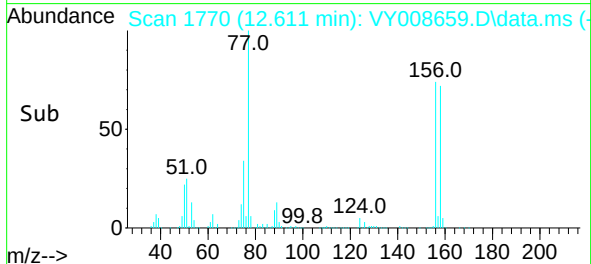
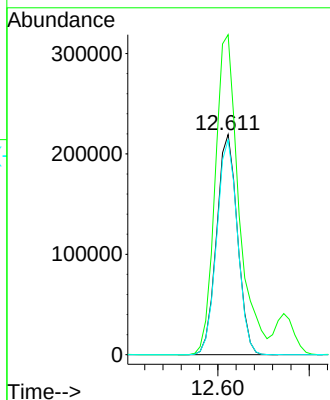
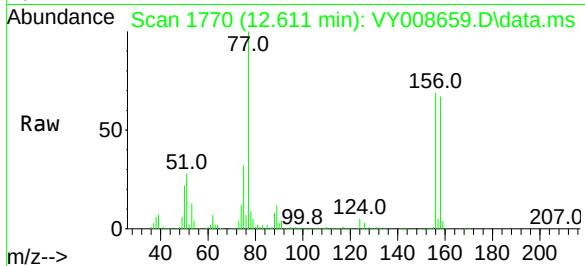




#77
Bromobenzene
Concen: 101.729 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

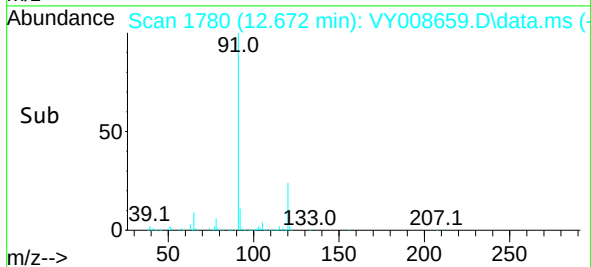
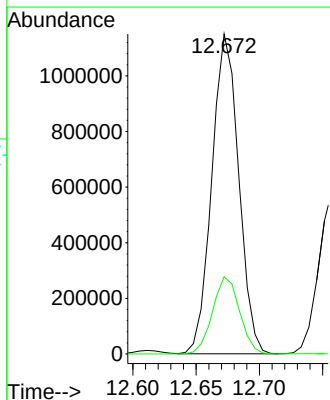
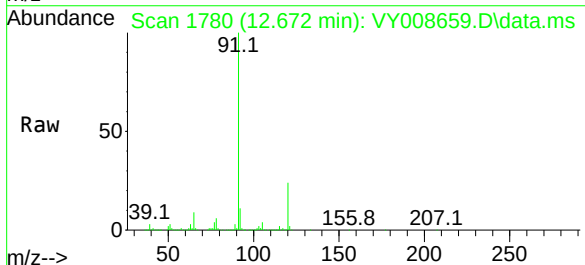
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

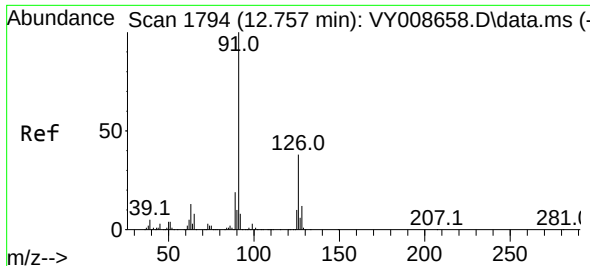
Tgt Ion:156 Resp: 347169
Ion Ratio Lower Upper
156 100
77 165.4 95.5 286.4
158 97.3 48.0 144.0



#78
n-propylbenzene
Concen: 103.328 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 91 Resp: 1698333
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9

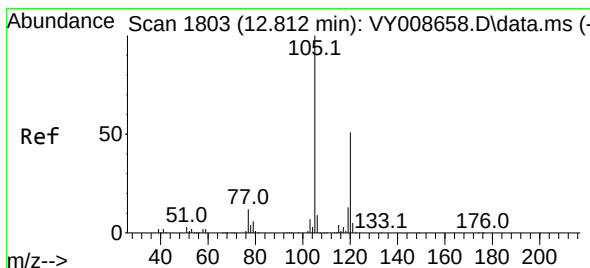
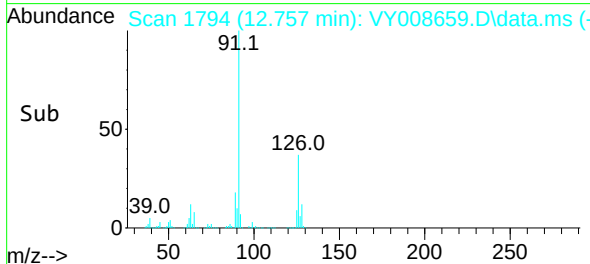
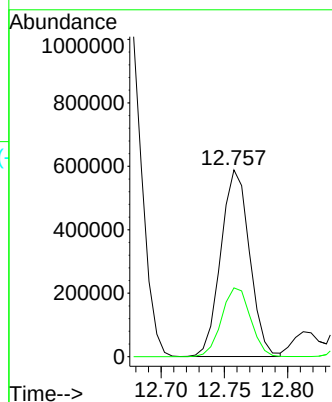
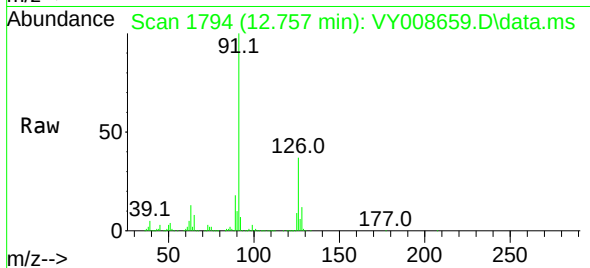




#79
2-Chlorotoluene
Concen: 105.522 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

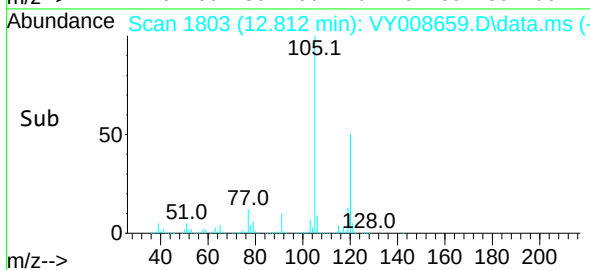
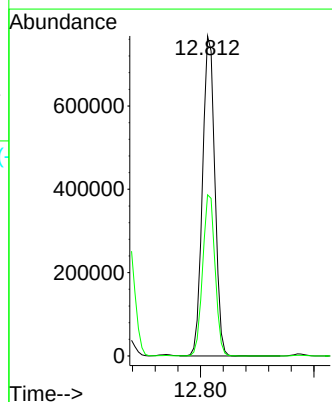
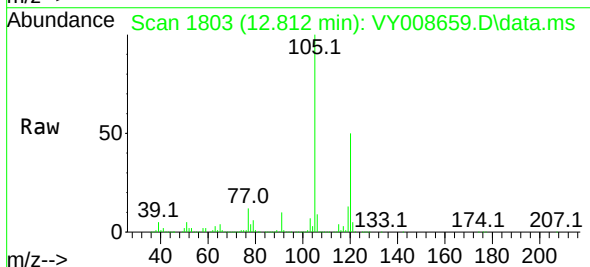
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

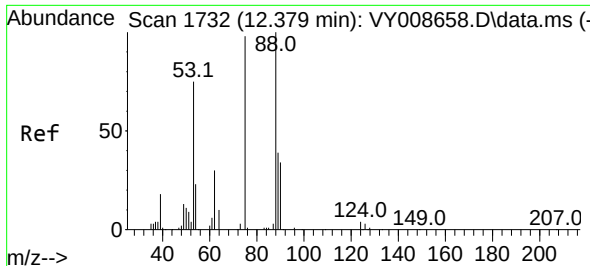
Tgt Ion: 91 Resp: 931178
Ion Ratio Lower Upper
91 100
126 37.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 106.970 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 105 Resp: 1161691
Ion Ratio Lower Upper
105 100
120 50.7 24.4 73.4

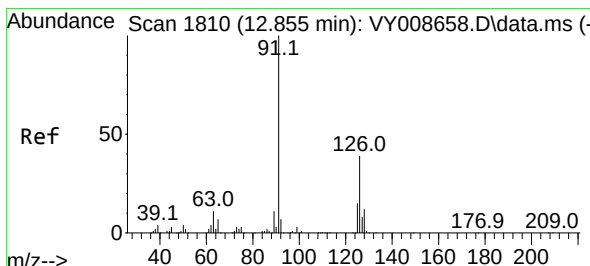
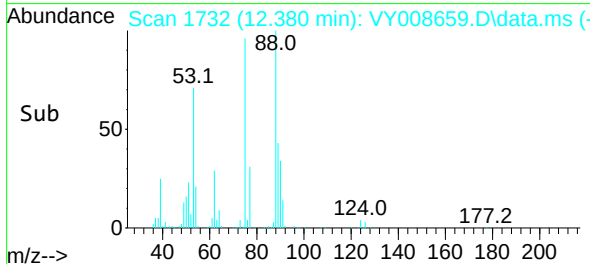
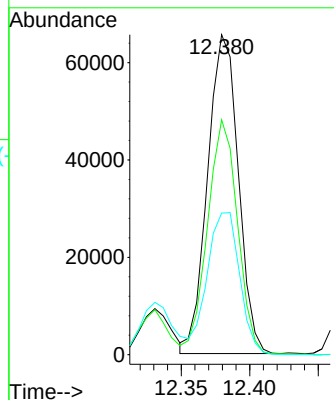
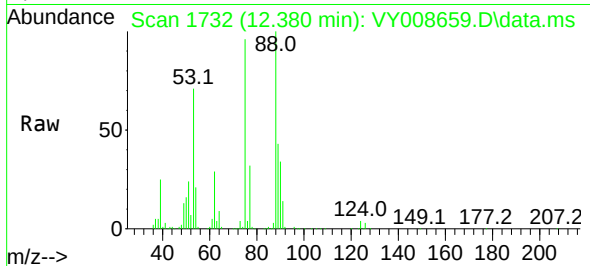




#81
trans-1,4-Dichloro-2-butene
Concen: 92.449 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

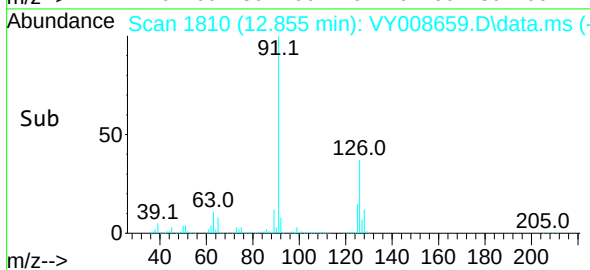
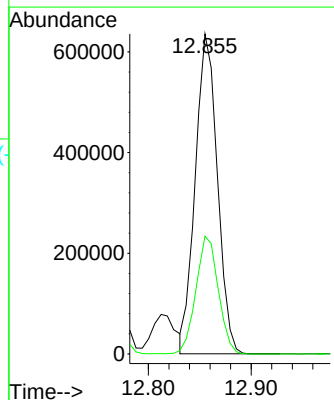
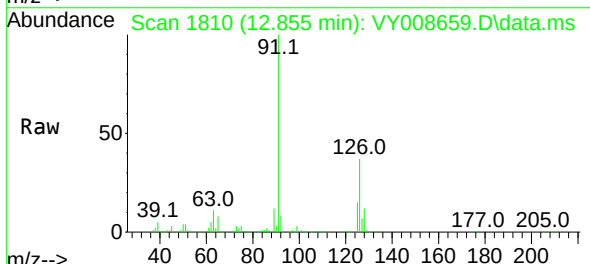
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

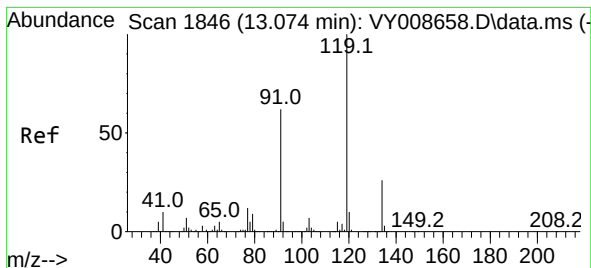
Tgt Ion: 75 Resp: 102141
Ion Ratio Lower Upper
75 100
53 72.3 85.3 127.9#
89 46.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 102.945 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 91 Resp: 949689
Ion Ratio Lower Upper
91 100
126 37.4 17.0 51.0

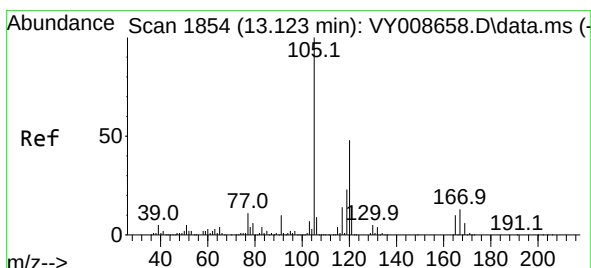
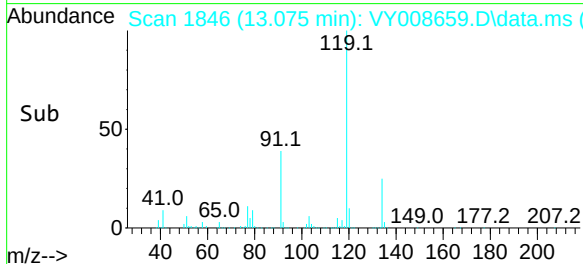
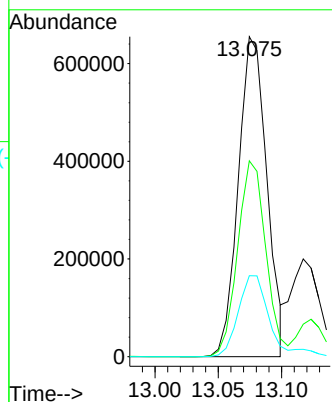
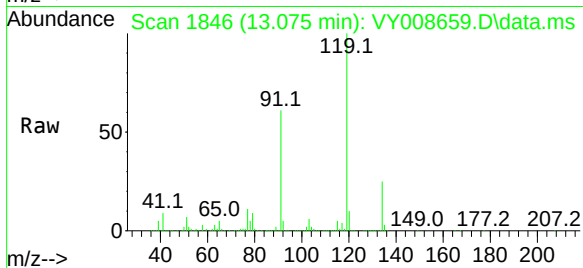




#83
tert-Butylbenzene
Concen: 103.208 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

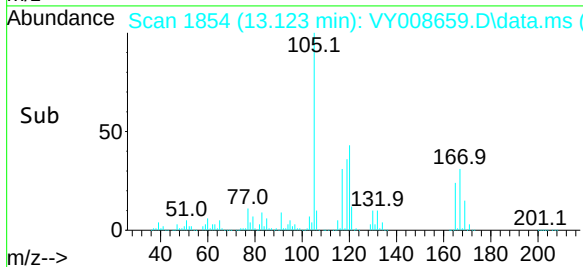
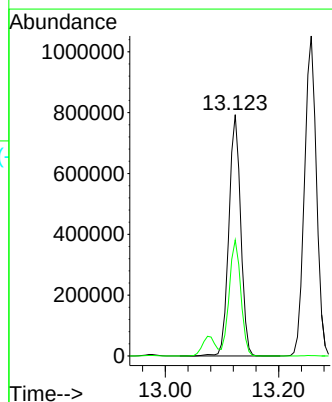
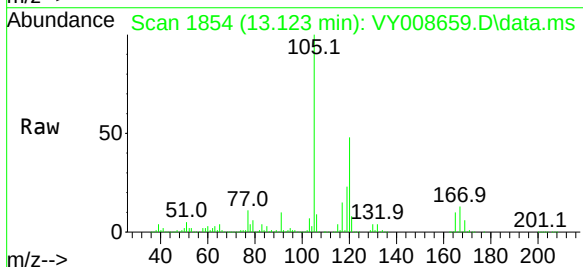
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

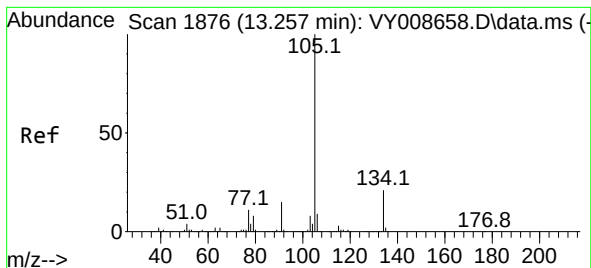
Tgt Ion:119 Resp: 1028948
Ion Ratio Lower Upper
119 100
91 60.5 34.8 104.4
134 27.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 103.597 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion:105 Resp: 1141245
Ion Ratio Lower Upper
105 100
120 47.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 103.305 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

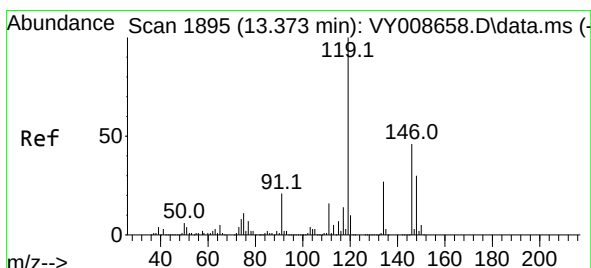
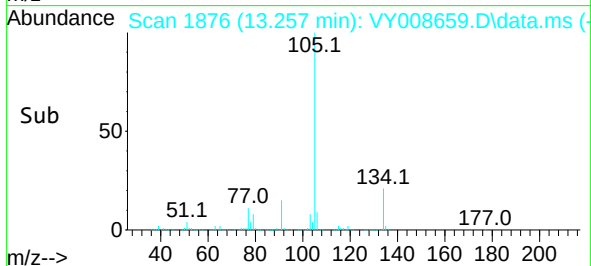
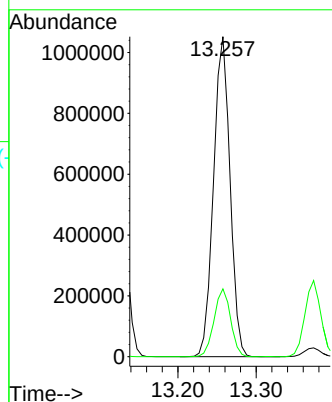
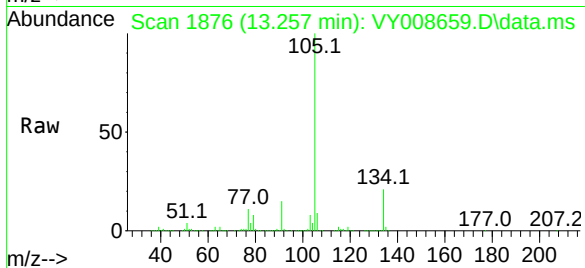
VSTDIC100

Tgt Ion:105 Resp: 1536786

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 103.773 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

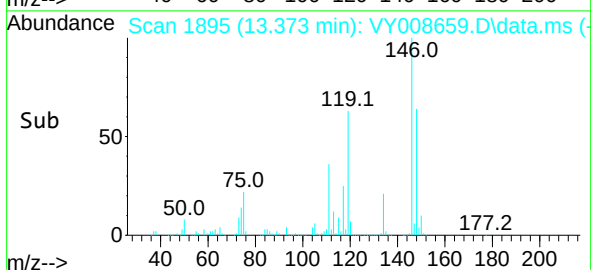
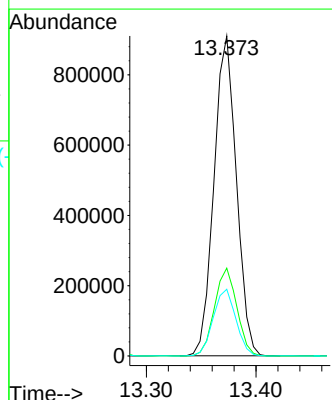
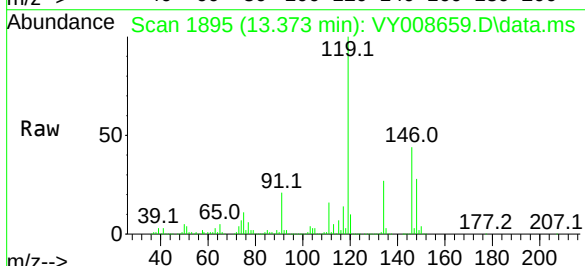
Tgt Ion:119 Resp: 1293661

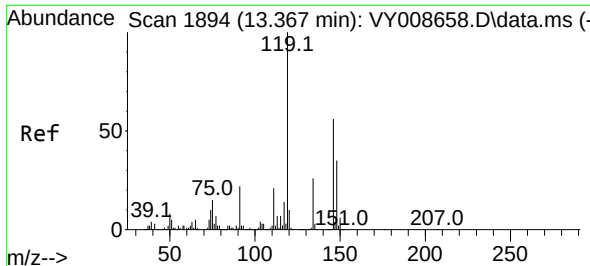
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 21.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 102.263 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

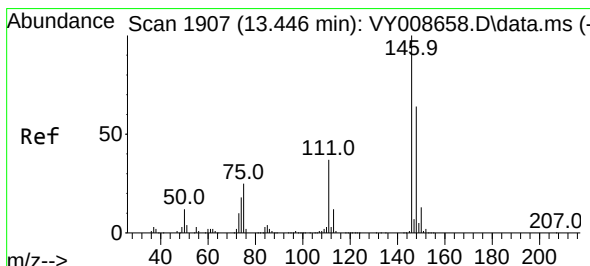
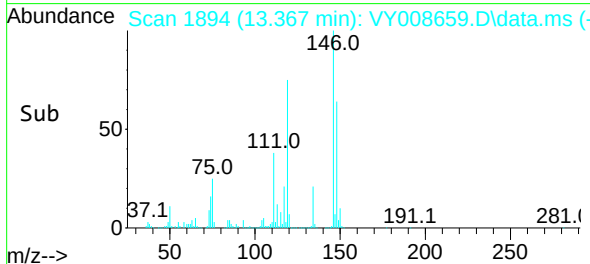
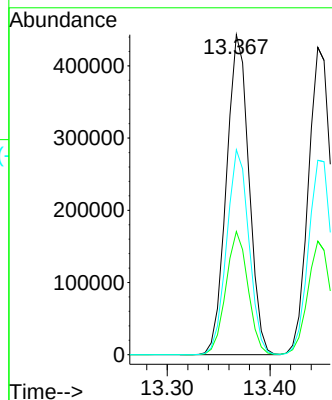
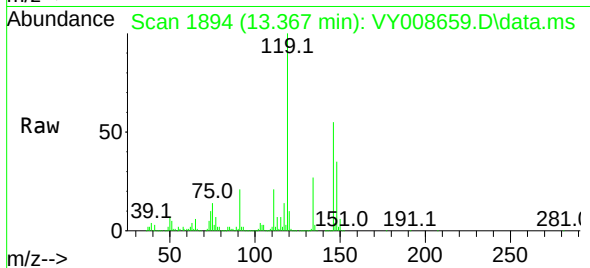
Tgt Ion:146 Resp: 673899

Ion Ratio Lower Upper

146 100

111 37.8 19.5 58.5

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 100.602 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

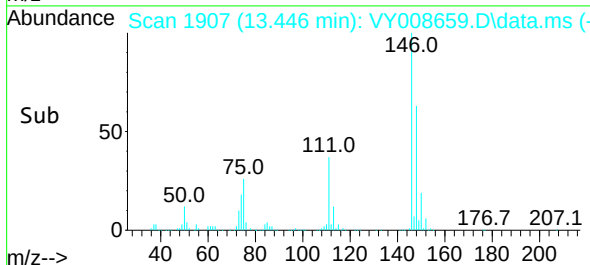
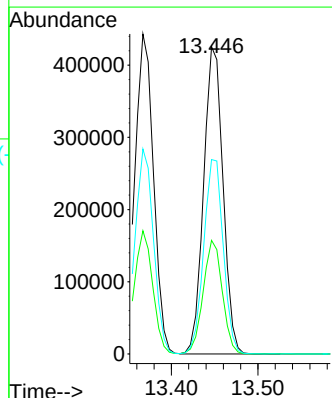
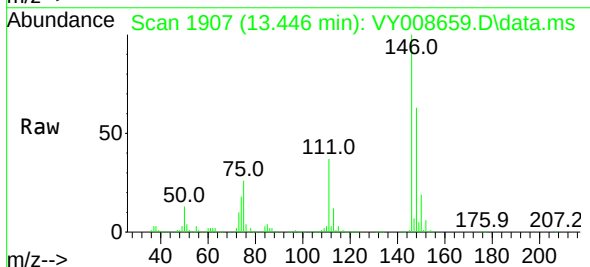
Tgt Ion:146 Resp: 661129

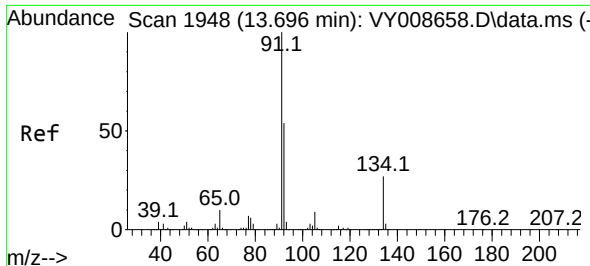
Ion Ratio Lower Upper

146 100

111 36.4 19.3 57.8

148 63.9 32.6 97.8

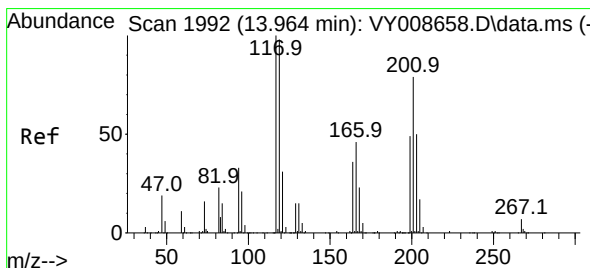
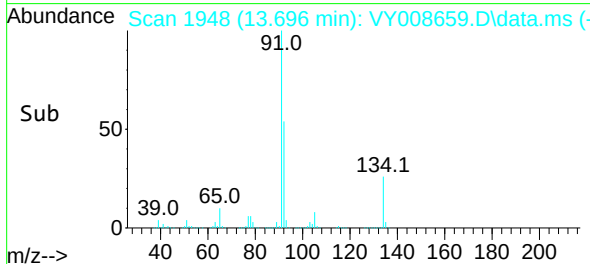
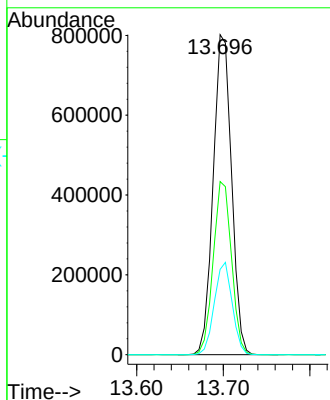
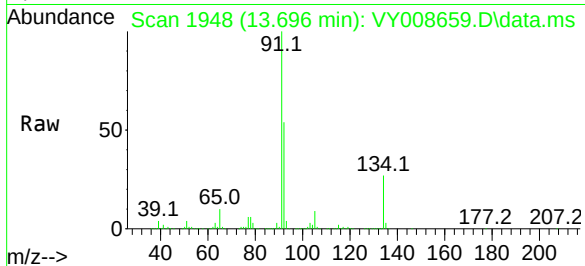




#89
n-Butylbenzene
Concen: 102.031 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

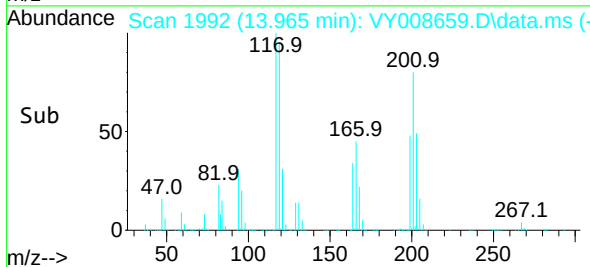
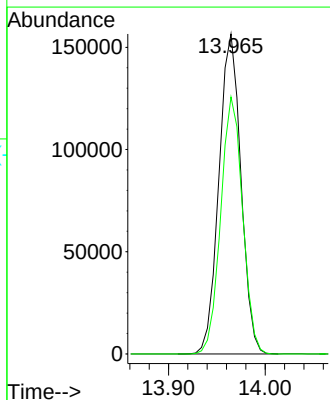
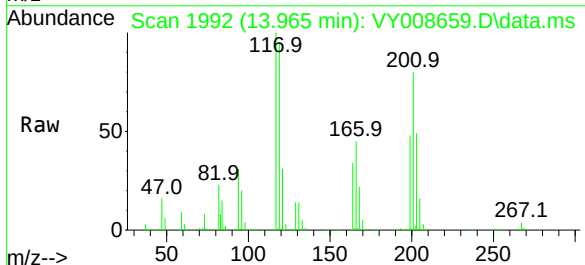
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

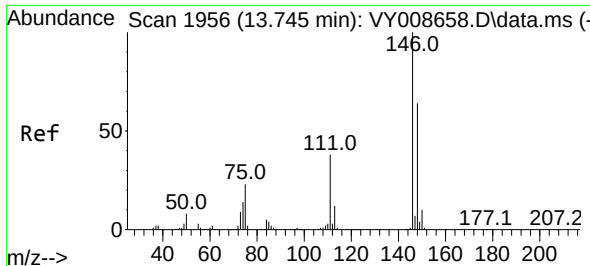
Tgt Ion: 91 Resp: 1179918
Ion Ratio Lower Upper
91 100
92 54.0 26.3 78.9
134 28.1 13.0 38.9



#90
Hexachloroethane
Concen: 100.867 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion: 117 Resp: 246481
Ion Ratio Lower Upper
117 100
201 79.8 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 102.081 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

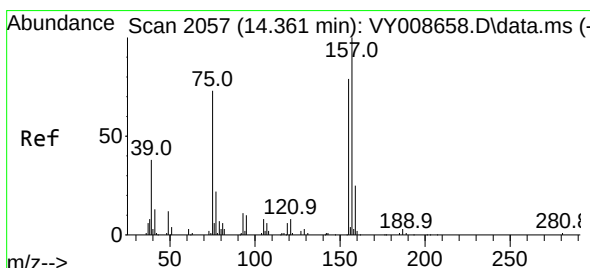
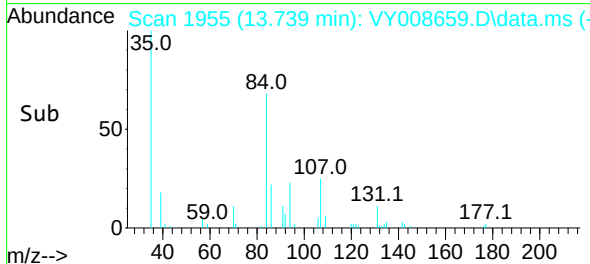
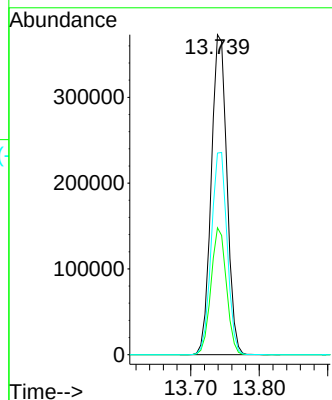
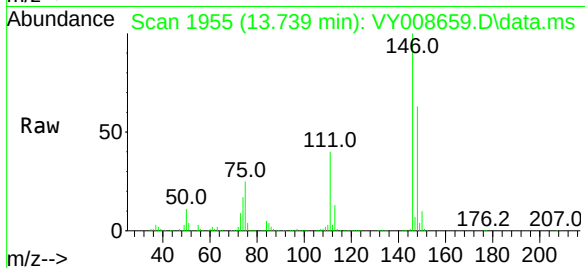
Tgt Ion:146 Resp: 593513

Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.9

148 63.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 82.702 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

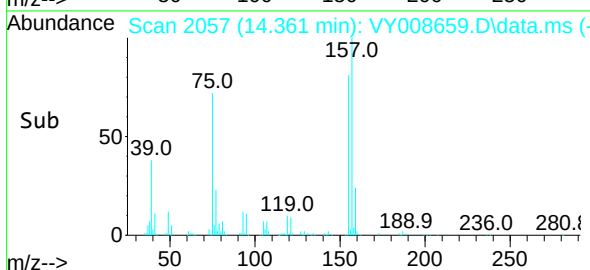
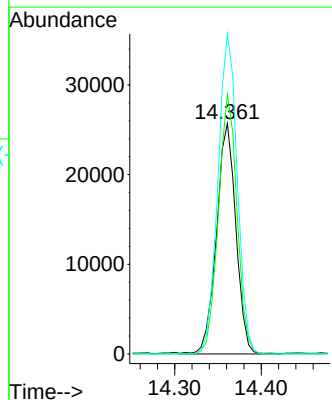
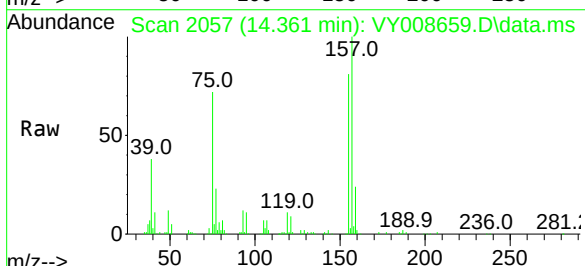
Tgt Ion: 75 Resp: 39977

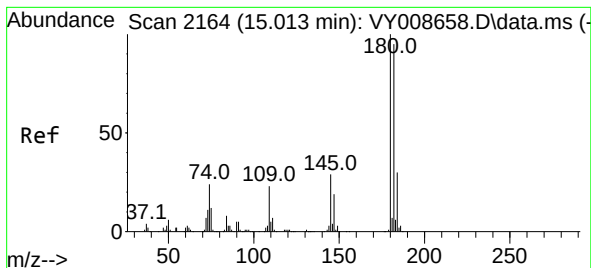
Ion Ratio Lower Upper

75 100

155 108.2 38.0 113.9

157 137.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 105.449 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

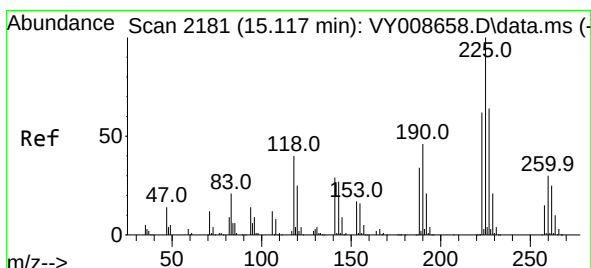
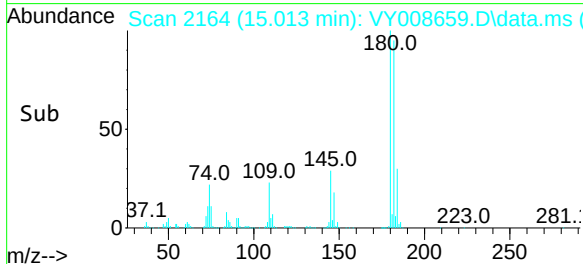
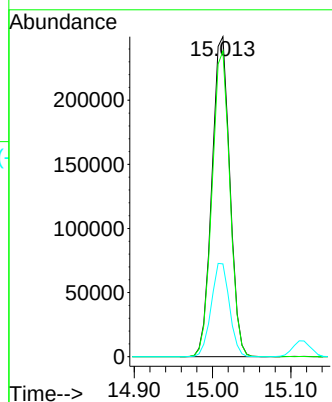
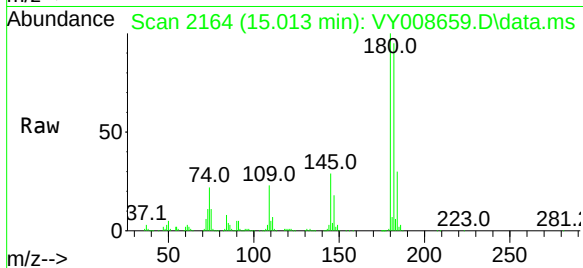
Tgt Ion:180 Resp: 396829

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 110.054 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY008659.D

Acq: 09 May 2022 12:25

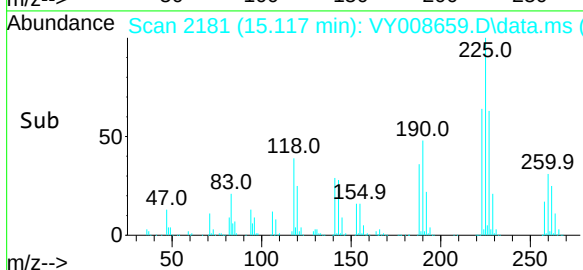
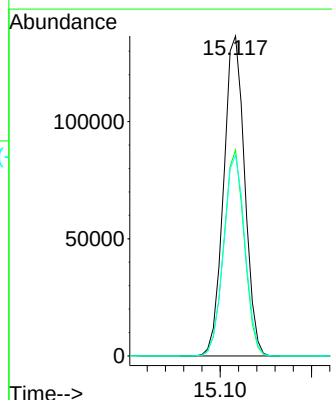
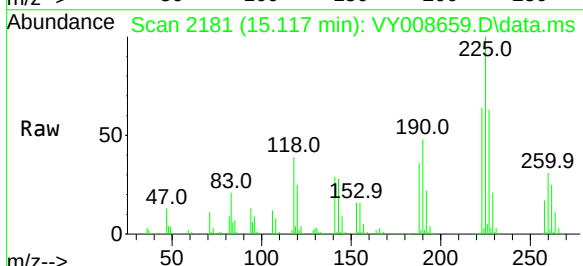
Tgt Ion:225 Resp: 218354

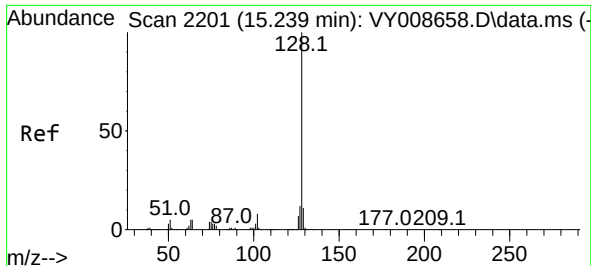
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 63.6 31.6 94.7

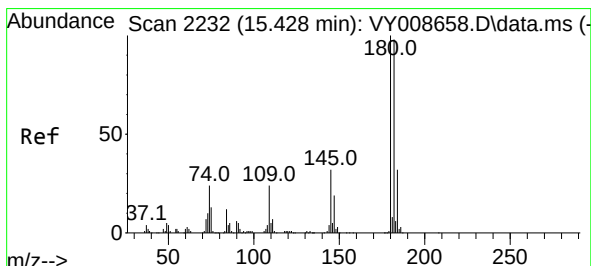
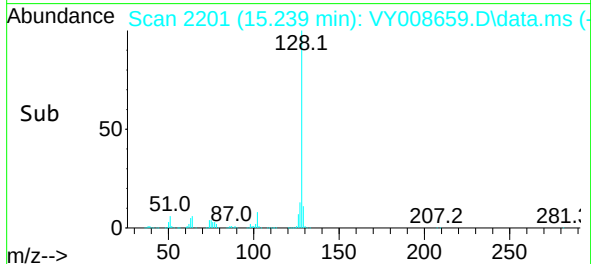
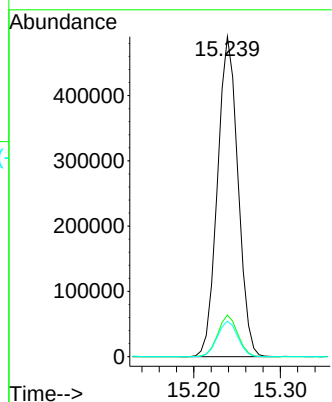
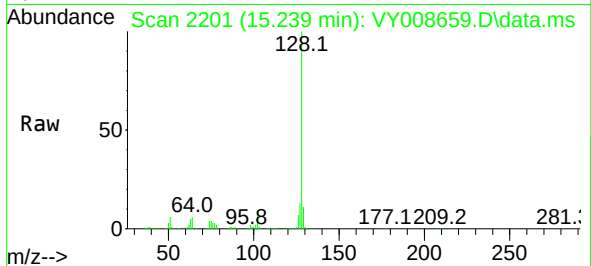




#95
Naphthalene
Concen: 100.014 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 806429
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 104.253 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY008659.D
Acq: 09 May 2022 12:25

Tgt Ion:180 Resp: 347288
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 31.3 15.3 45.9

