

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050222\
 Data File : VY008575.D
 Acq On : 02 May 2022 16:42
 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 03 02:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	150627	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	227847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151392	103.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.820%#	
35) Dibromofluoromethane	7.716	113	157225	104.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 208.560%#	
50) Toluene-d8	10.179	98	565529	105.877	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 211.760%#	
62) 4-Bromofluorobenzene	12.483	95	200219	102.271	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 204.540%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	135016	89.436	ug/l	98
3) Chloromethane	2.113	50	162522	92.618	ug/l	96
4) Vinyl Chloride	2.253	62	198773	94.217	ug/l	97
5) Bromomethane	2.644	94	151075	100.195	ug/l	94
6) Chloroethane	2.790	64	129346	95.667	ug/l	97
7) Trichlorofluoromethane	3.125	101	277489	97.246	ug/l	94
8) Diethyl Ether	3.528	74	90325	98.840	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.899	101	163230	97.308	ug/l	92
10) Methyl Iodide	4.088	142	238641	114.756	ug/l	88
11) Tert butyl alcohol	4.948	59	73316	509.284	ug/l	96
12) 1,1-Dichloroethene	3.869	96	154323	97.632	ug/l	# 78
13) Acrolein	3.729	56	95593	483.249	ug/l	97
14) Allyl chloride	4.479	41	192481	101.715	ug/l	# 88
15) Acrylonitrile	5.161	53	208652	500.788	ug/l	98
16) Acetone	3.942	43	149807	474.922	ug/l	# 87
17) Carbon Disulfide	4.192	76	453590	100.924	ug/l	100
18) Methyl Acetate	4.479	43	89568	101.460	ug/l	# 80
19) Methyl tert-butyl Ether	5.216	73	435607	99.941	ug/l	93
20) Methylene Chloride	4.710	84	176358	100.119	ug/l	# 76
21) trans-1,2-Dichloroethene	5.216	96	178283	99.287	ug/l	# 81
22) Diisopropyl ether	6.119	45	440805	100.903	ug/l	# 91
23) Vinyl Acetate	6.058	43	1501186	526.198	ug/l	# 86
24) 1,1-Dichloroethane	6.015	63	273631	99.366	ug/l	96
25) 2-Butanone	6.984	43	250237	494.225	ug/l	# 76
26) 2,2-Dichloropropane	6.978	77	258831	98.135	ug/l	91
27) cis-1,2-Dichloroethene	6.984	96	203230	98.896	ug/l	79
28) Bromochloromethane	7.332	49	100406	95.357	ug/l	# 57
29) Tetrahydrofuran	7.344	42	169607	505.057	ug/l	# 74
30) Chloroform	7.509	83	304229	98.600	ug/l	99
31) Cyclohexane	7.783	56	244398	96.719	ug/l	# 85
32) 1,1,1-Trichloroethane	7.704	97	282257	99.729	ug/l	# 93
36) 1,1-Dichloropropene	7.917	75	230526	98.330	ug/l	93
37) Ethyl Acetate	7.070	43	117060	97.365	ug/l	# 90
38) Carbon Tetrachloride	7.899	117	264311	98.821	ug/l	99
39) Methylcyclohexane	9.185	83	311068	100.585	ug/l	# 83
40) Benzene	8.161	78	670208	98.971	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	156289	296.304	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	190541	97.214	ug/l	89
43) Isopropyl Acetate	8.271	43	220231	100.675	ug/l #	85
44) Trichloroethene	8.941	130	205504	96.745	ug/l	94
45) 1,2-Dichloropropane	9.216	63	156930	99.336	ug/l	94
46) Dibromomethane	9.307	93	107444	97.426	ug/l	93
47) Bromodichloromethane	9.496	83	239030	99.473	ug/l	99
48) Methyl methacrylate	9.289	41	100194	104.201	ug/l #	77
49) 1,4-Dioxane	9.295	88	28126	2011.421	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	574497	500.350	ug/l #	83
52) Toluene	10.246	92	455287	100.589	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	260525	102.556	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	285060	101.004	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	151324	98.469	ug/l	96
56) Ethyl methacrylate	10.508	69	202682	104.405	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	240350	97.974	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	497185	504.595	ug/l #	87
59) 2-Hexanone	10.831	43	398039	509.048	ug/l	80
60) Dibromochloromethane	10.984	129	191887	99.822	ug/l	99
61) 1,2-Dibromoethane	11.087	107	152931	98.328	ug/l	100
64) Tetrachloroethene	10.721	164	186474	97.030	ug/l	97
65) Chlorobenzene	11.514	112	499251	98.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	192865	100.670	ug/l	98
67) Ethyl Benzene	11.593	91	860515	100.795	ug/l	95
68) m/p-Xylenes	11.703	106	706917	202.699	ug/l	88
69) o-Xylene	12.032	106	337884	101.091	ug/l	88
70) Styrene	12.044	104	576644	103.783	ug/l	93
71) Bromoform	12.209	173	129915	102.007	ug/l #	99
73) Isopropylbenzene	12.331	105	872795	103.577	ug/l	98
74) N-amyl acetate	12.142	43	202497	107.533	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	173446	101.715	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	219061	189.986	ug/l #	100
77) Bromobenzene	12.611	156	225232	101.305	ug/l	84
78) n-propylbenzene	12.672	91	1000195	102.000	ug/l	95
79) 2-Chlorotoluene	12.758	91	564609	102.267	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	713968	102.552	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	61976	108.974	ug/l #	80
82) 4-Chlorotoluene	12.855	91	576838	101.427	ug/l	93
83) tert-Butylbenzene	13.075	119	632591	101.447	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	706455	102.091	ug/l	95
85) sec-Butylbenzene	13.258	105	927951	100.975	ug/l	97
86) p-Isopropyltoluene	13.367	119	792644	101.593	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	429060	99.784	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	417873	98.524	ug/l	97
89) n-Butylbenzene	13.696	91	691710	100.650	ug/l	97
90) Hexachloroethane	13.965	117	146122	101.123	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	377026	98.254	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26024	100.280	ug/l	57
93) 1,2,4-Trichlorobenzene	15.007	180	240020	98.028	ug/l	100
94) Hexachlorobutadiene	15.117	225	130408	94.310	ug/l	98
95) Naphthalene	15.239	128	496369	101.094	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	210809	97.004	ug/l	100

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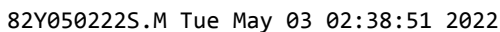
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

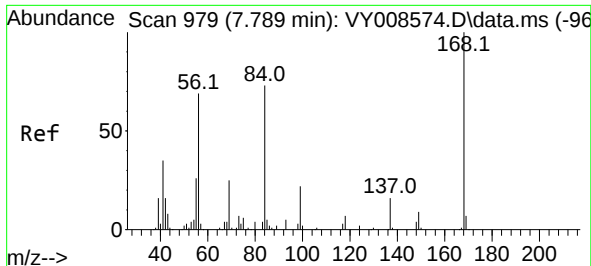
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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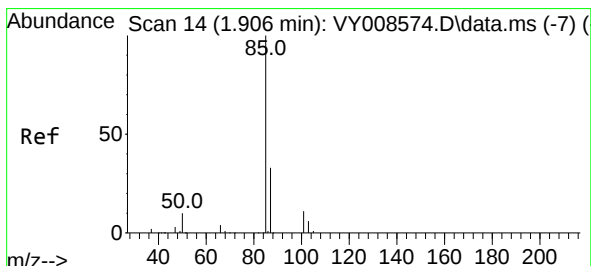
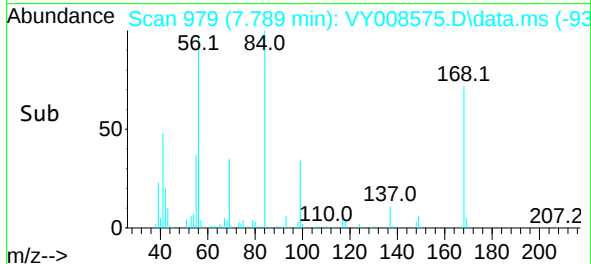
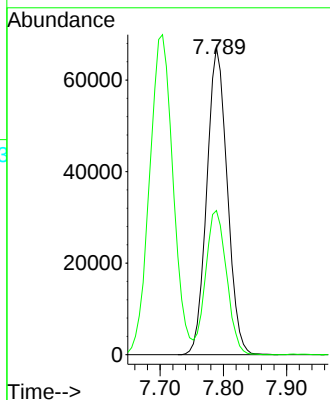
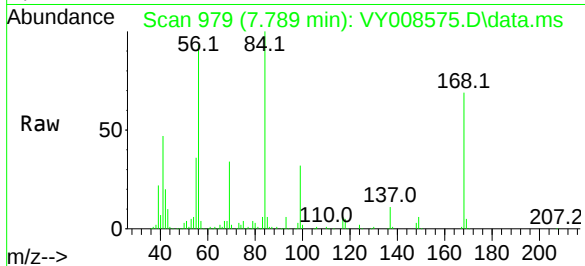




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008575.D
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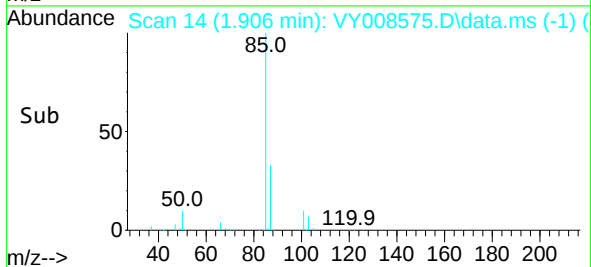
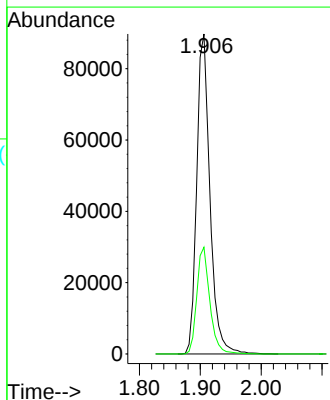
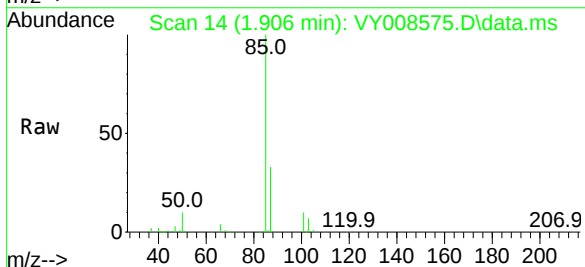
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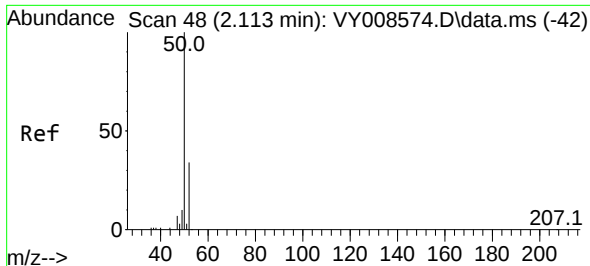
Tgt Ion:168 Resp: 150627
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 89.436 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 85 Resp: 135016
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2

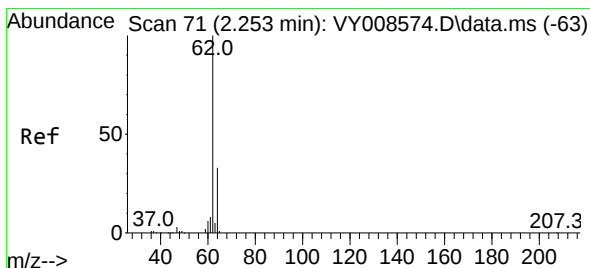
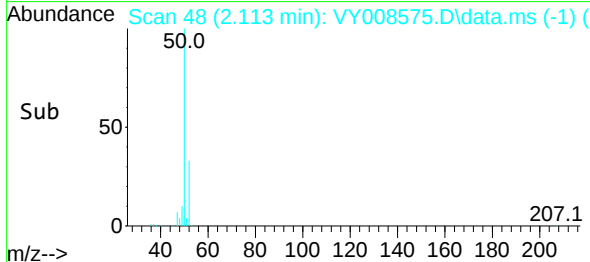
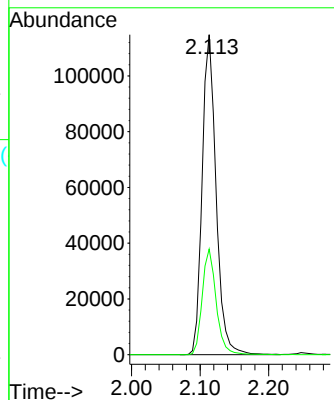
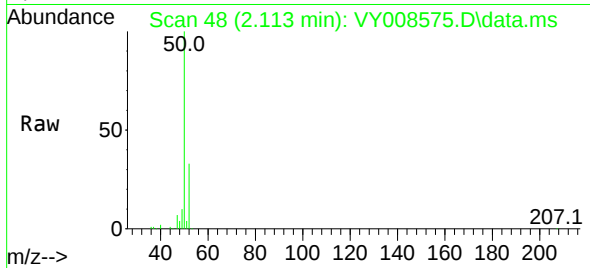




#3
Chloromethane
Concen: 92.618 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

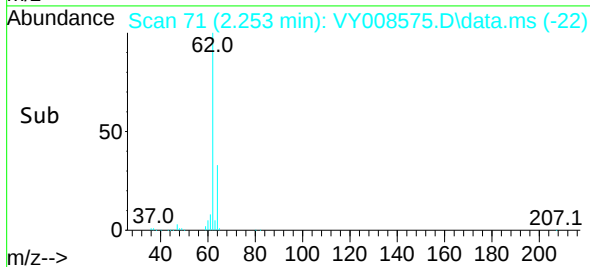
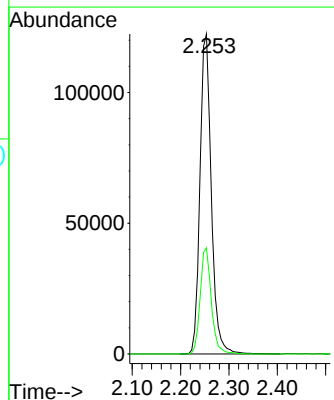
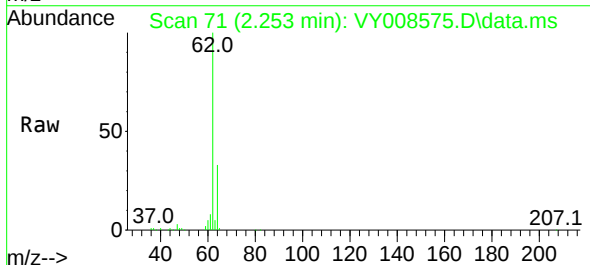
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ClientSampleId :
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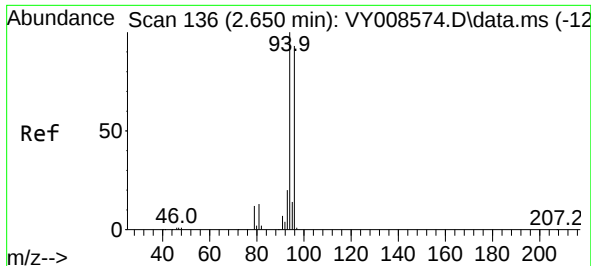
Tgt Ion: 50 Resp: 162522
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0



#4
Vinyl Chloride
Concen: 94.217 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 62 Resp: 198773
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6

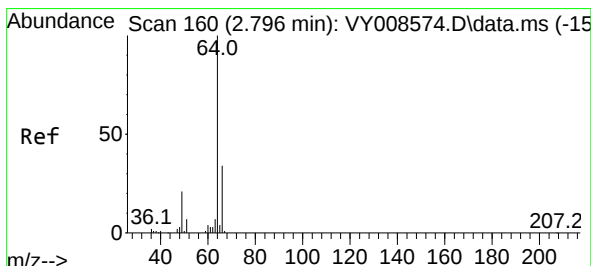
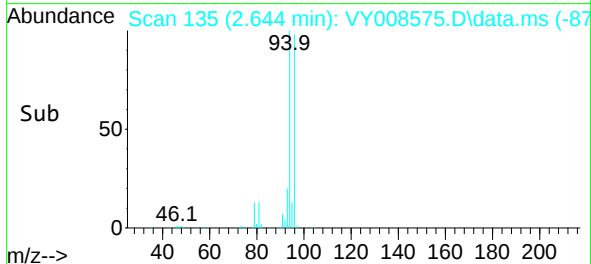
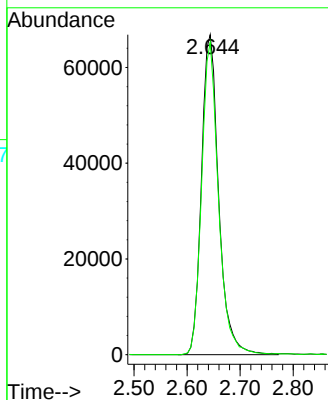
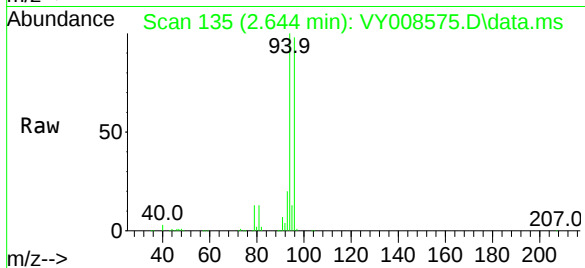




#5
Bromomethane
Concen: 100.195 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008575.D
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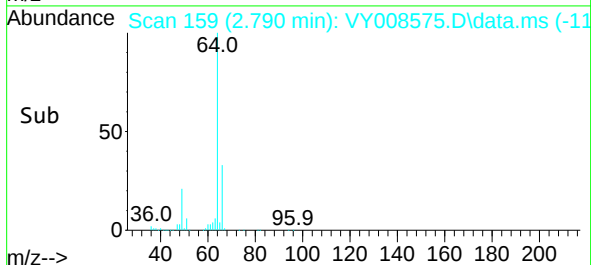
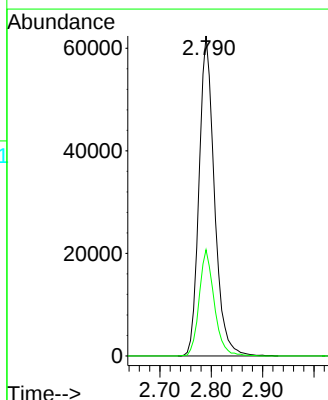
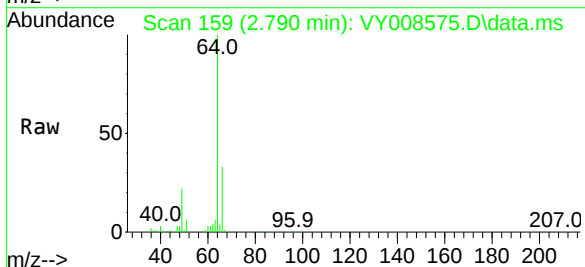
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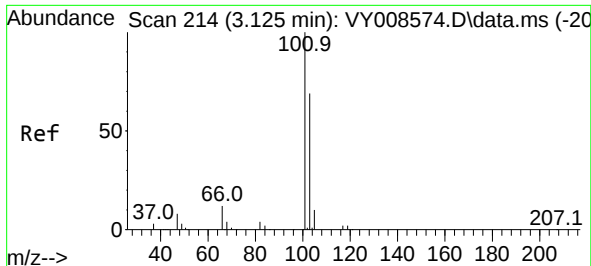
Tgt Ion: 94 Resp: 151075
Ion Ratio Lower Upper
94 100
96 97.6 73.5 110.3



#6
Chloroethane
Concen: 95.667 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 64 Resp: 129346
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.0

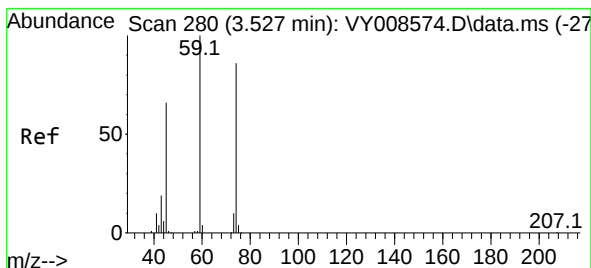
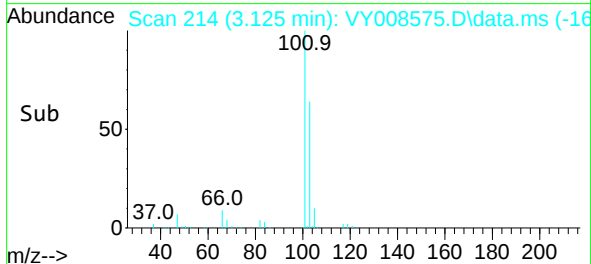
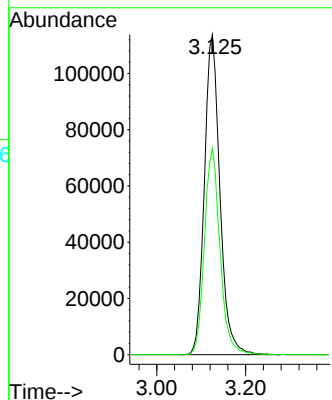
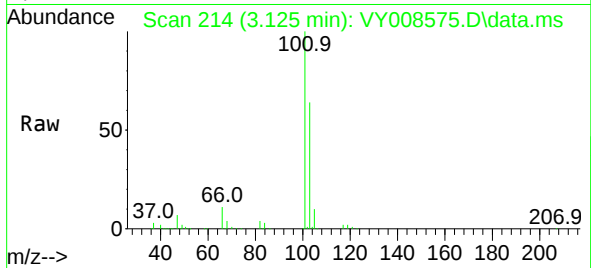




#7
 Trichlorofluoromethane
 Concen: 97.246 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY008575.D
 Acq: 02 May 2022 16:42

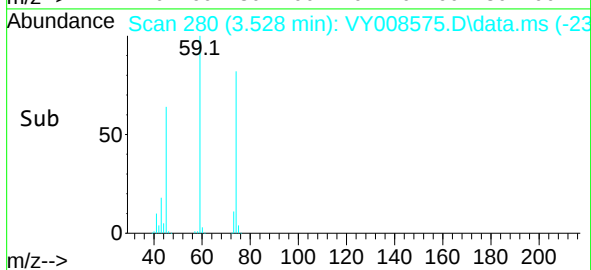
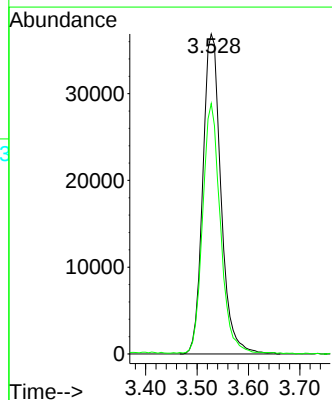
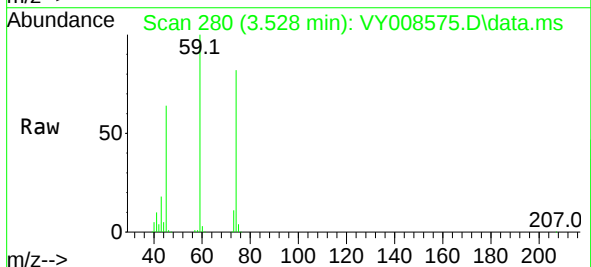
Instrument :
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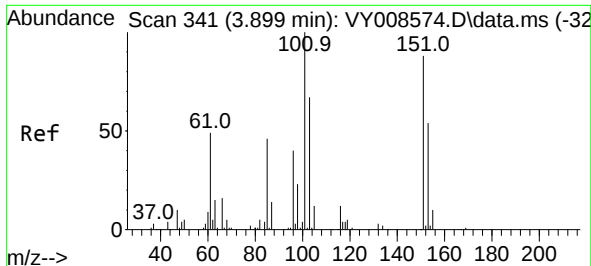
Tgt Ion:101 Resp: 277489
 Ion Ratio Lower Upper
 101 100
 103 64.5 48.0 72.0



#8
 Diethyl Ether
 Concen: 98.840 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 90325
 Ion Ratio Lower Upper
 74 100
 45 77.6 55.1 165.5

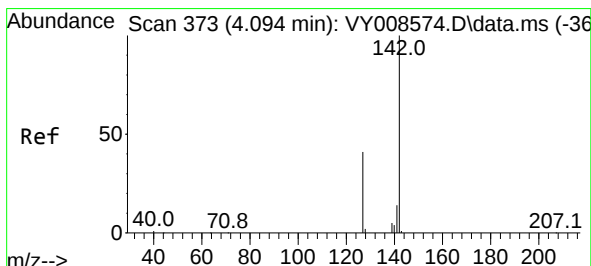
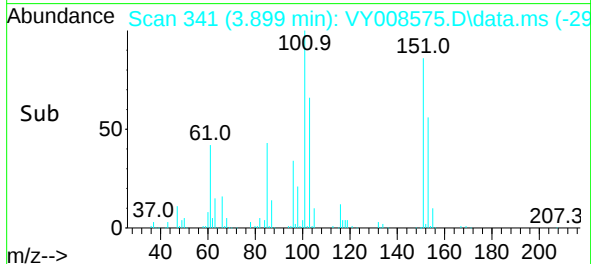
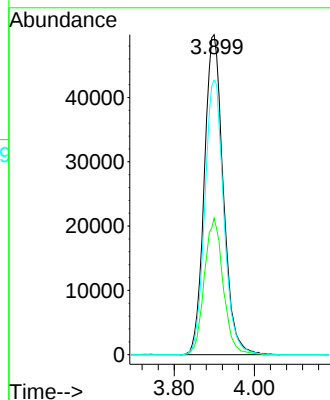
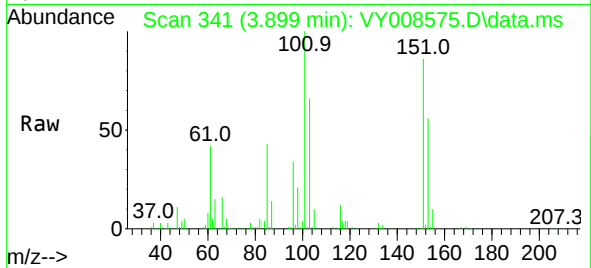




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.308 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

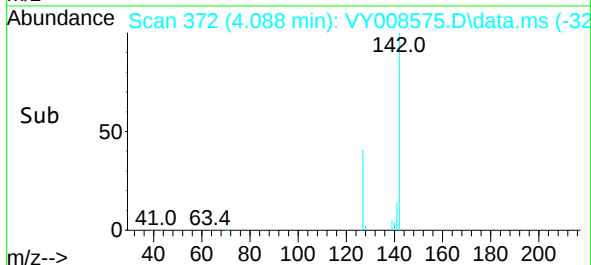
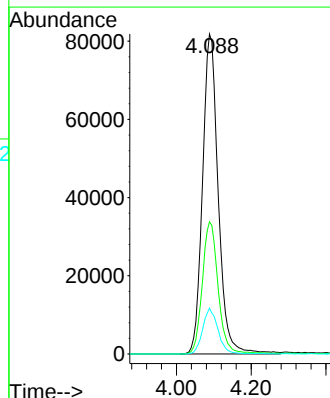
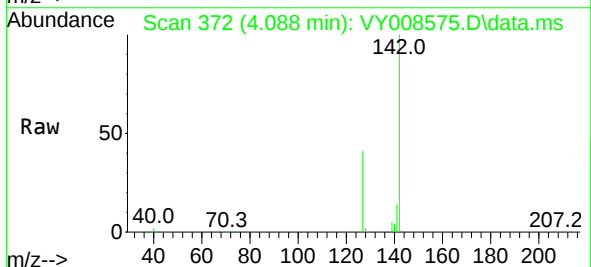
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

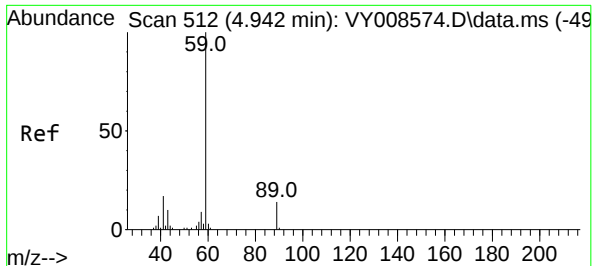
Tgt Ion:101 Resp: 163230
Ion Ratio Lower Upper
101 100
85 42.3 40.6 60.8
151 86.0 64.9 97.3



#10
Methyl Iodide
Concen: 114.756 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion:142 Resp: 238641
Ion Ratio Lower Upper
142 100
127 41.7 41.5 62.3
141 13.8 11.9 17.9





#11

Tert butyl alcohol

Concen: 509.284 ug/l

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

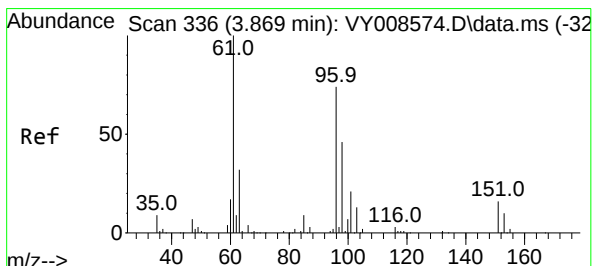
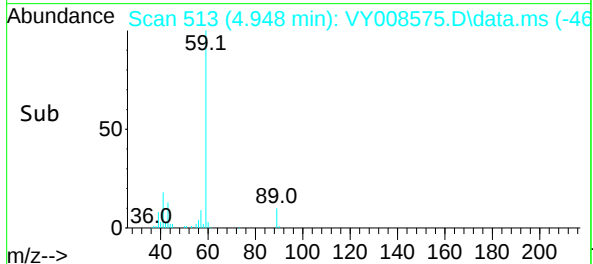
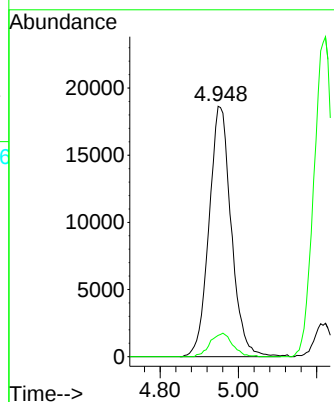
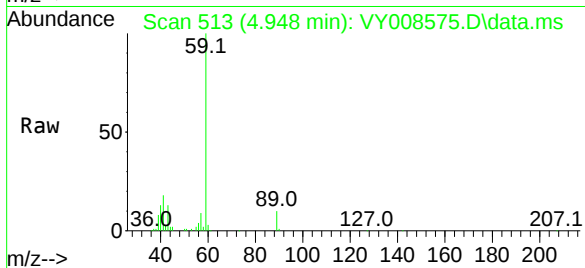
VSTDICC100

Tgt Ion: 59 Resp: 73316

Ion Ratio Lower Upper

59 100

57 9.5 6.4 9.6



#12

1,1-Dichloroethene

Concen: 97.632 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

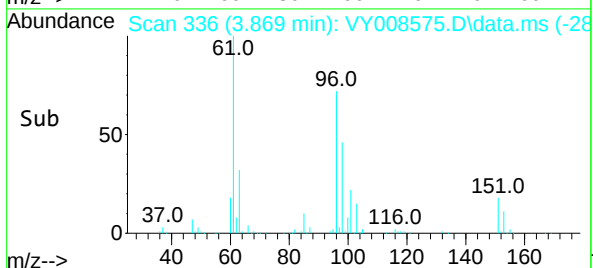
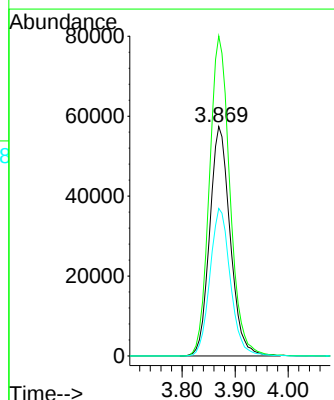
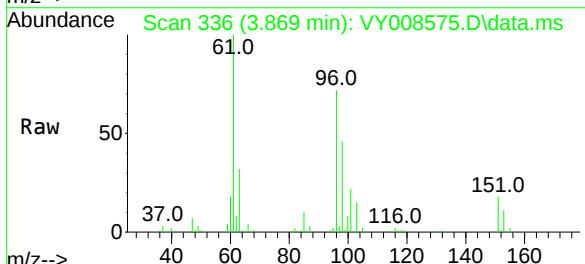
Tgt Ion: 96 Resp: 154323

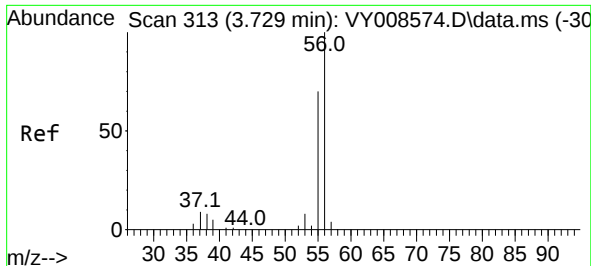
Ion Ratio Lower Upper

96 100

61 139.5 145.8 218.6#

98 64.3 52.5 78.7





#13

Acrolein

Concen: 483.249 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

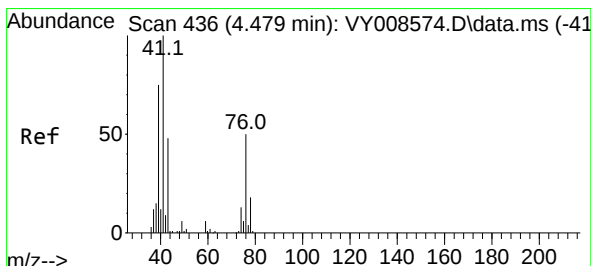
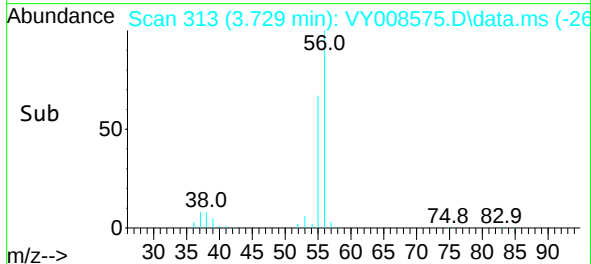
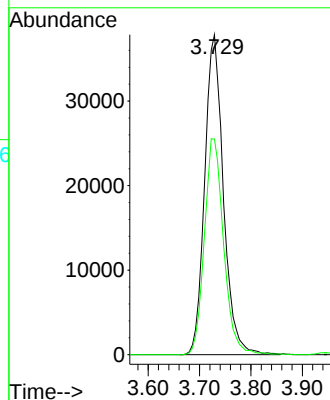
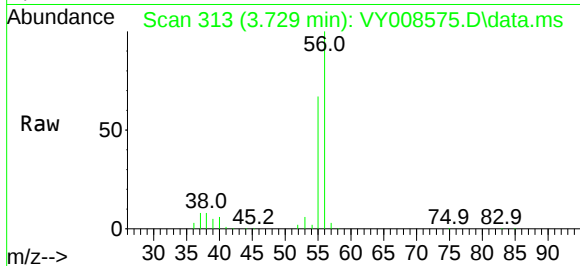
VSTDICC100

Tgt Ion: 56 Resp: 95593

Ion Ratio Lower Upper

56 100

55 69.5 57.6 86.4



#14

Allyl chloride

Concen: 101.715 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

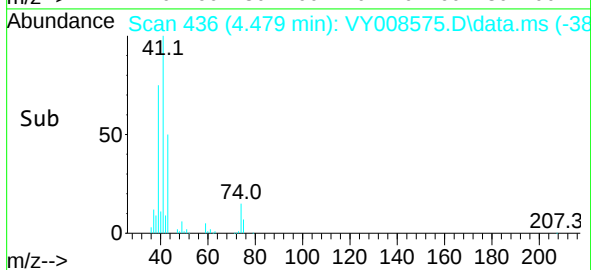
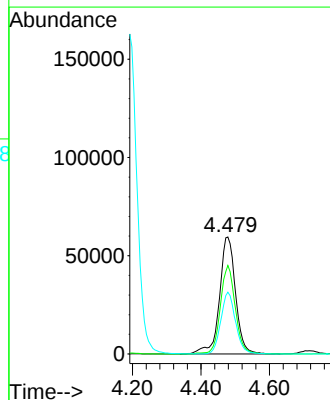
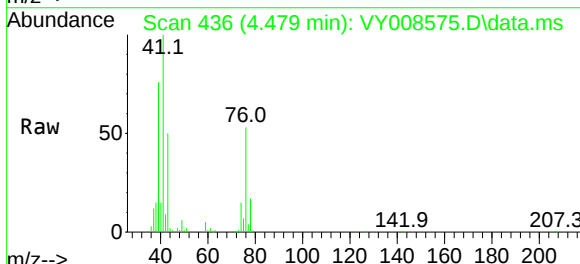
Tgt Ion: 41 Resp: 192481

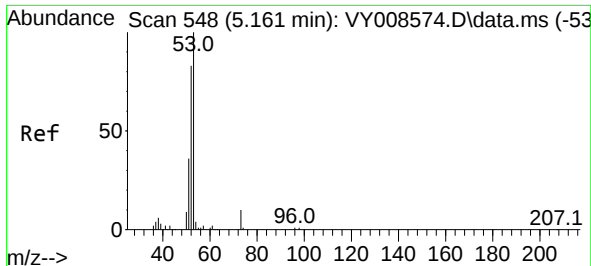
Ion Ratio Lower Upper

41 100

39 70.3 58.8 88.2

76 48.4 25.1 37.7#

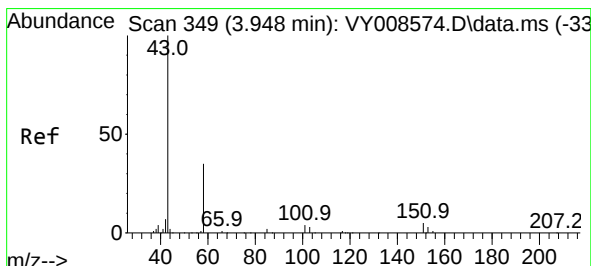
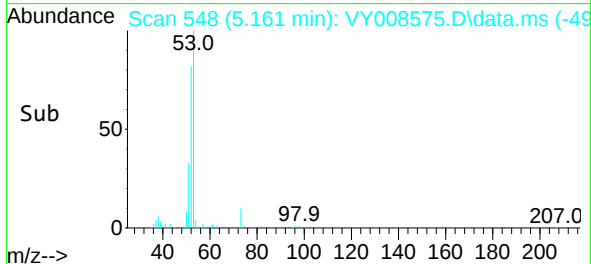
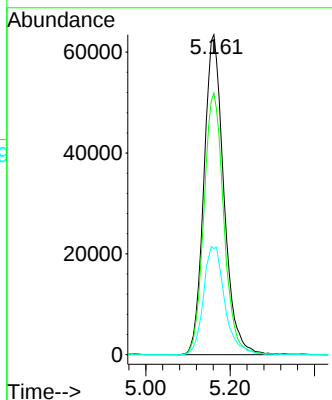
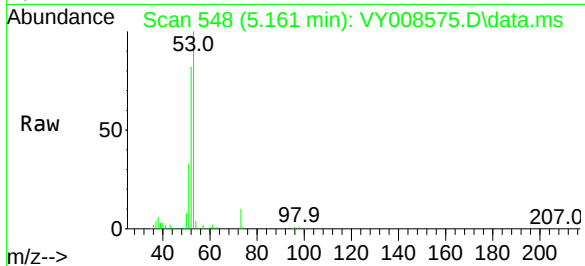




#15
Acrylonitrile
Concen: 500.788 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

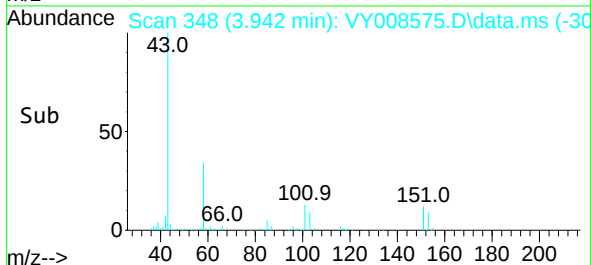
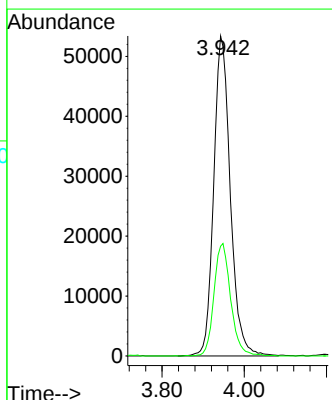
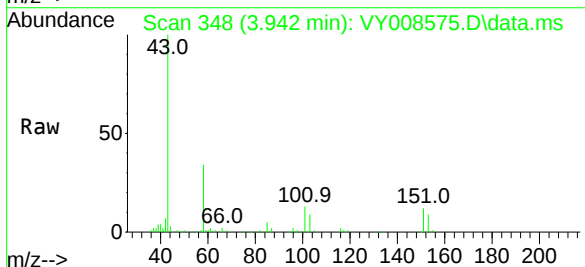
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

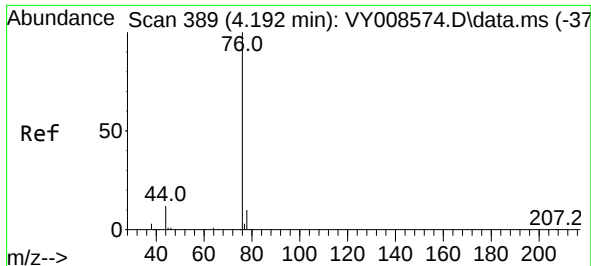
Tgt Ion: 53 Resp: 208652
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 474.922 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 43 Resp: 149807
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#

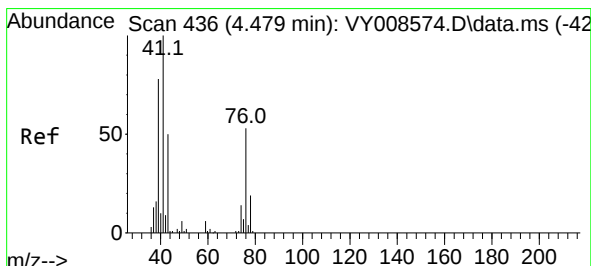
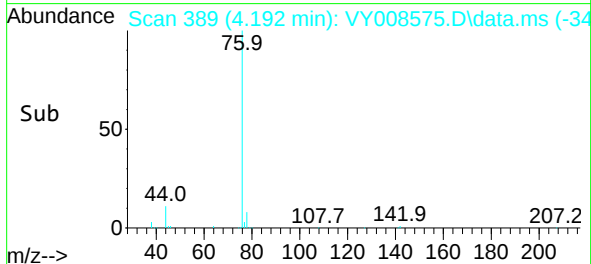
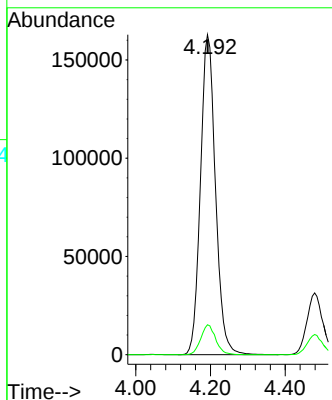
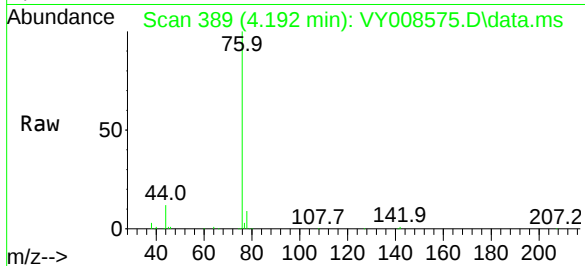




#17
Carbon Disulfide
Concen: 100.924 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

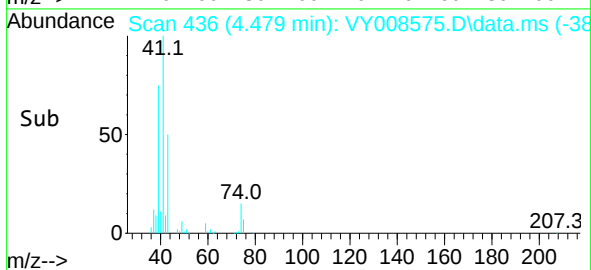
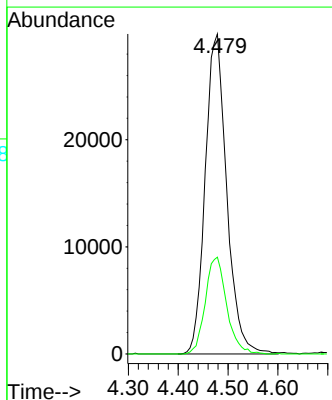
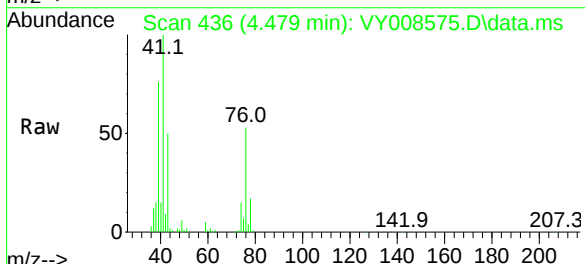
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

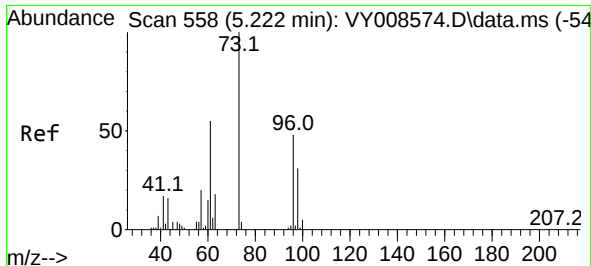
Tgt Ion: 76 Resp: 453590
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 101.460 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 43 Resp: 89568
Ion Ratio Lower Upper
43 100
74 30.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 99.941 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

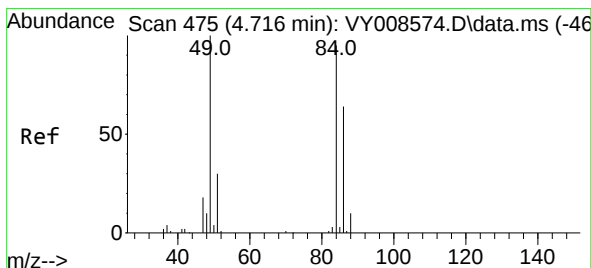
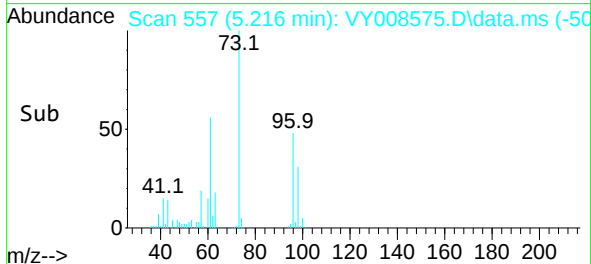
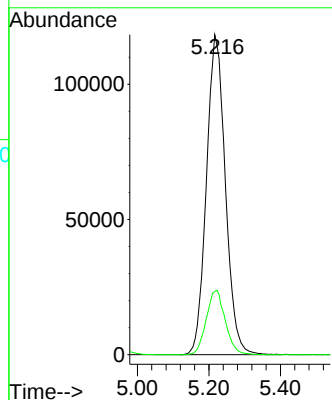
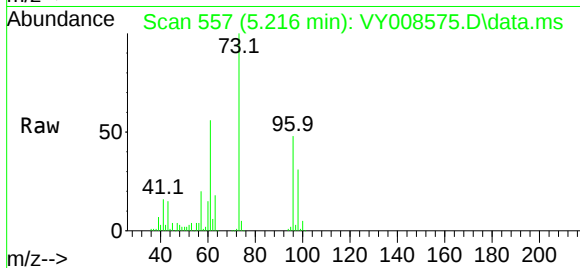
VSTDIC100

Tgt Ion: 73 Resp: 435607

Ion Ratio Lower Upper

73 100

57 19.7 18.6 27.8



#20

Methylene Chloride

Concen: 100.119 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Tgt Ion: 84 Resp: 176358

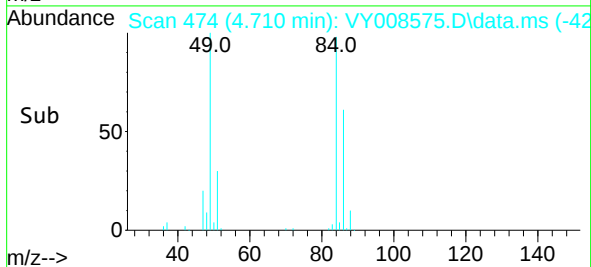
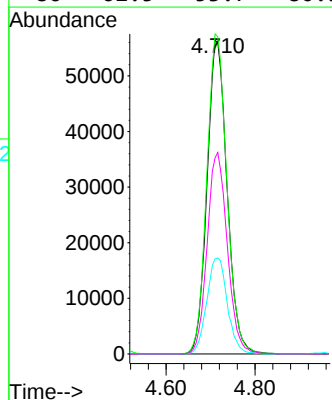
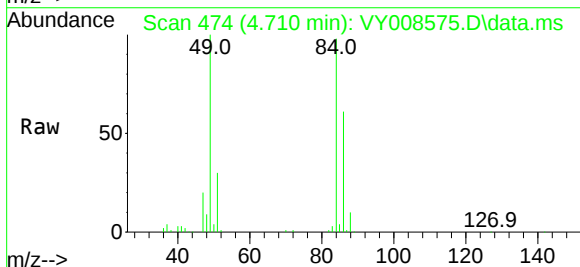
Ion Ratio Lower Upper

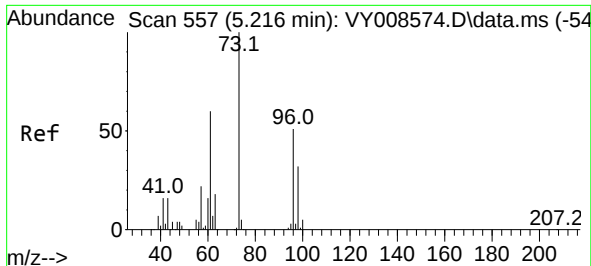
84 100

49 102.0 114.4 171.6#

51 30.4 35.3 52.9#

86 62.5 53.7 80.5

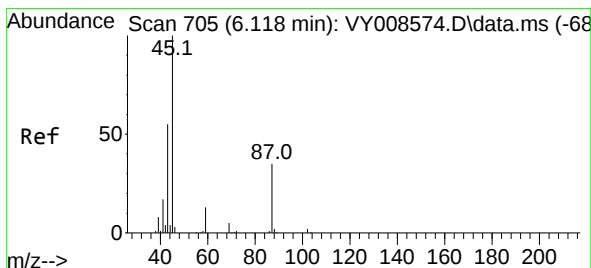
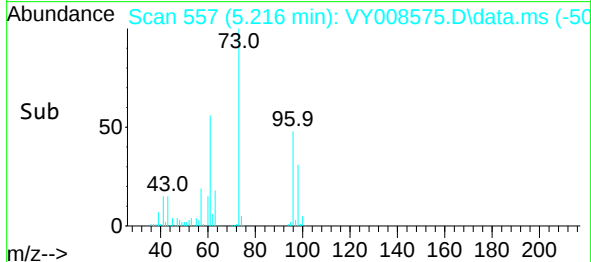
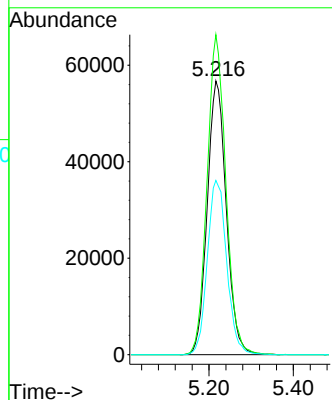
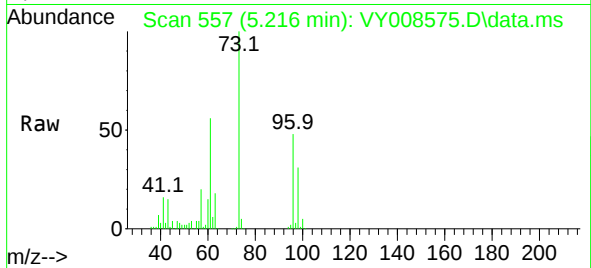




#21
trans-1,2-Dichloroethene
Concen: 99.287 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

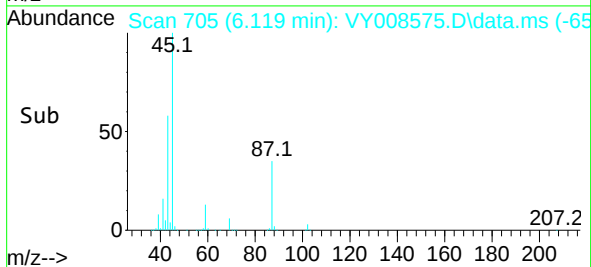
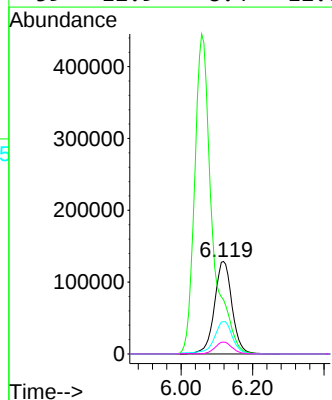
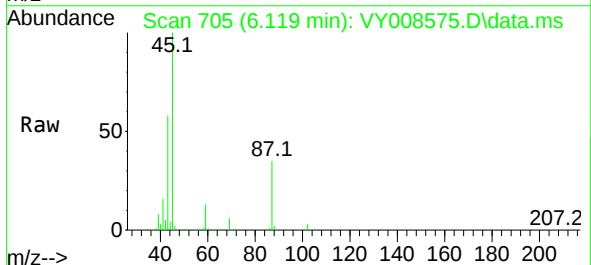
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

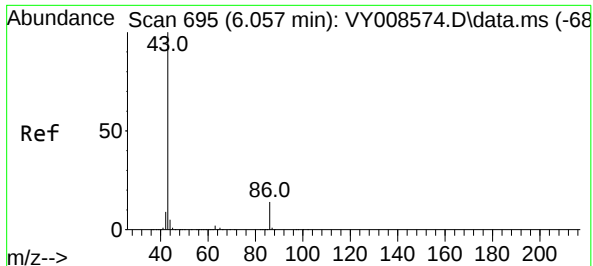
Tgt Ion: 96 Resp: 178283
Ion Ratio Lower Upper
96 100
61 116.9 120.5 180.7#
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 100.903 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 45 Resp: 440805
Ion Ratio Lower Upper
45 100
43 58.3 49.3 73.9
87 34.9 19.2 28.8#
59 12.9 8.4 12.6#

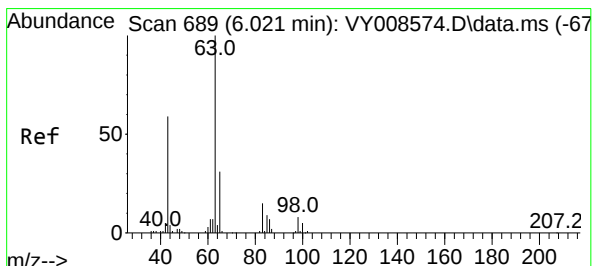
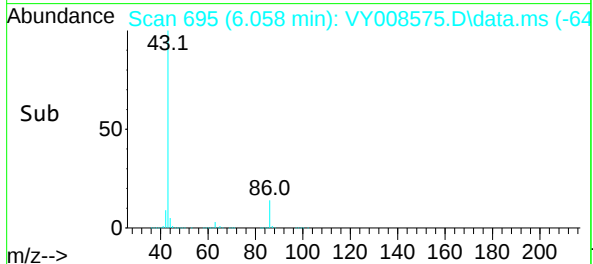
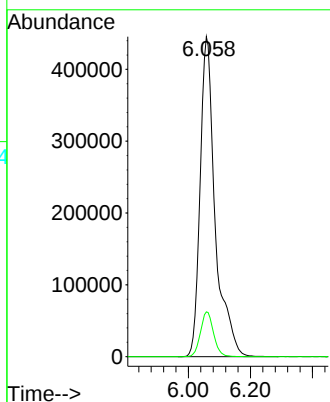
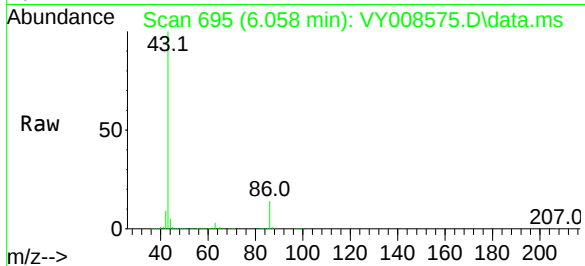




#23
 Vinyl Acetate
 Concen: 526.198 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008575.D
 Acq: 02 May 2022 16:42

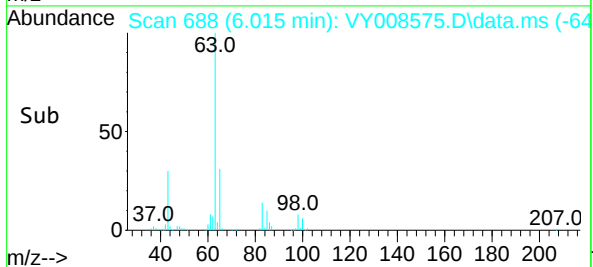
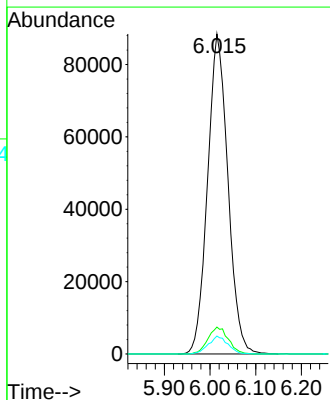
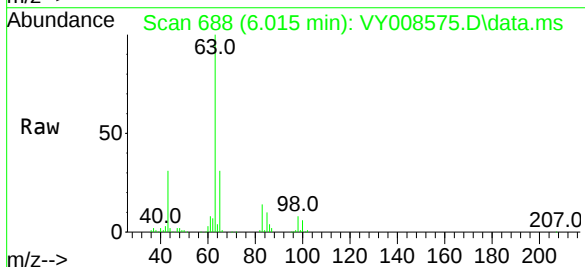
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

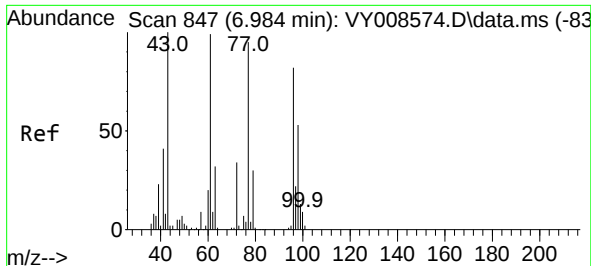
Tgt Ion: 43 Resp: 1501186
 Ion Ratio Lower Upper
 43 100
 86 14.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 99.366 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008575.D
 Acq: 02 May 2022 16:42

Tgt Ion: 63 Resp: 273631
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 494.225 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

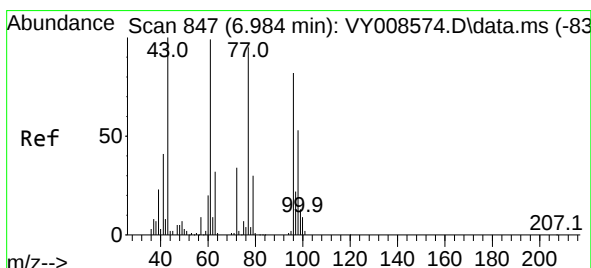
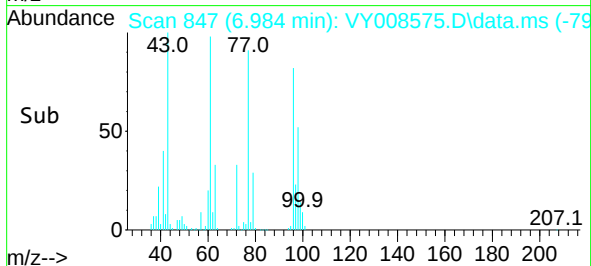
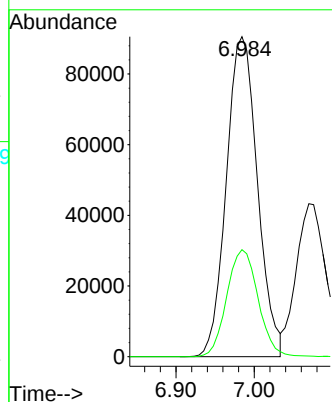
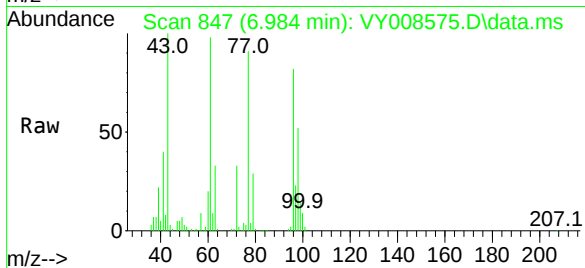
VSTDICC100

Tgt Ion: 43 Resp: 250237

Ion Ratio Lower Upper

43 100

72 33.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 98.135 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY008575.D

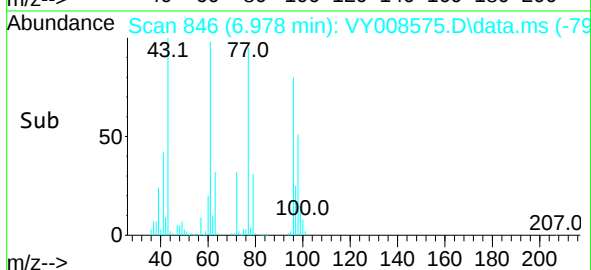
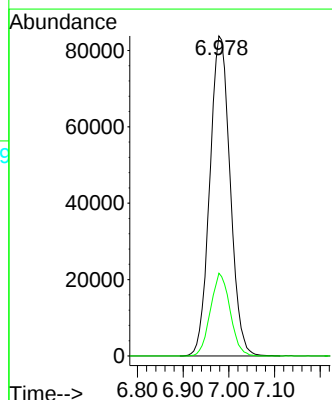
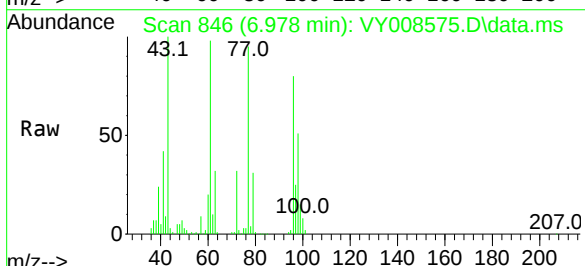
Acq: 02 May 2022 16:42

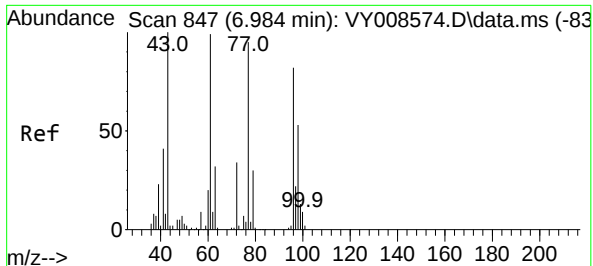
Tgt Ion: 77 Resp: 258831

Ion Ratio Lower Upper

77 100

97 24.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 98.896 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

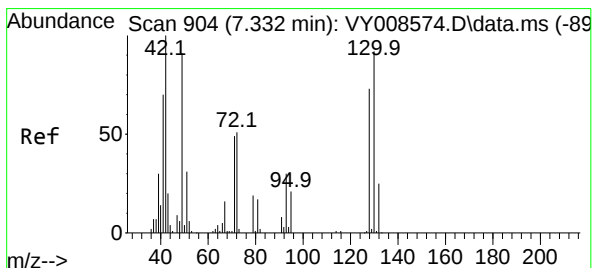
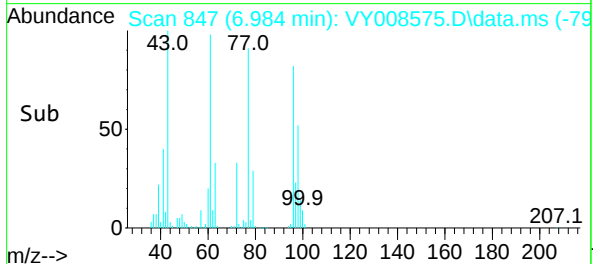
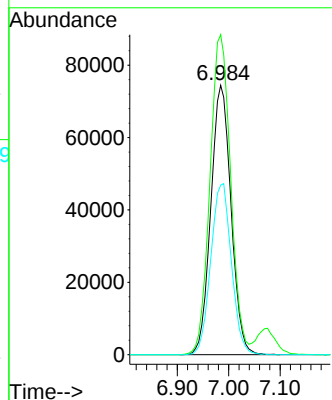
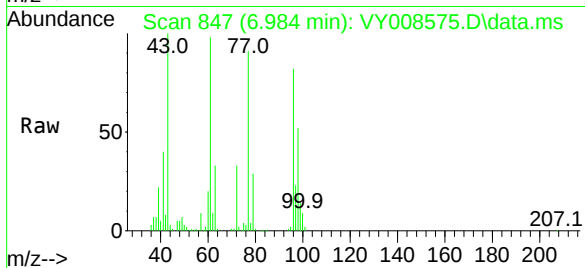
Tgt Ion: 96 Resp: 203230

Ion Ratio Lower Upper

96 100

61 121.5 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 95.357 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

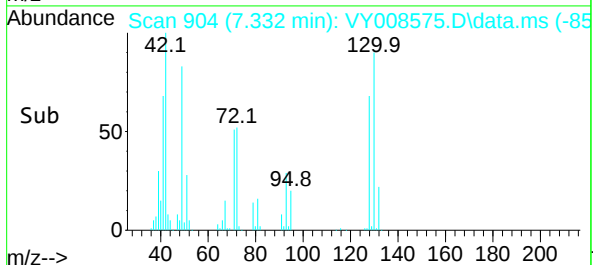
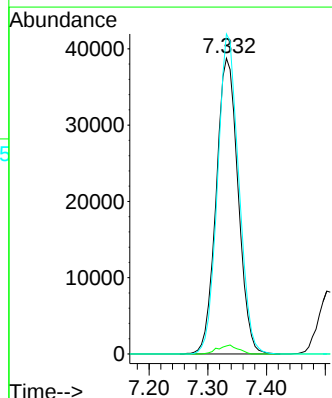
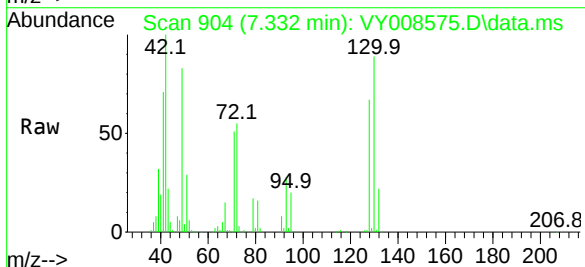
Tgt Ion: 49 Resp: 100406

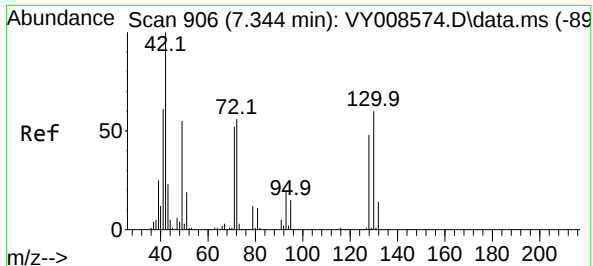
Ion Ratio Lower Upper

49 100

129 2.8 0.0 2.2#

130 104.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 505.057 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

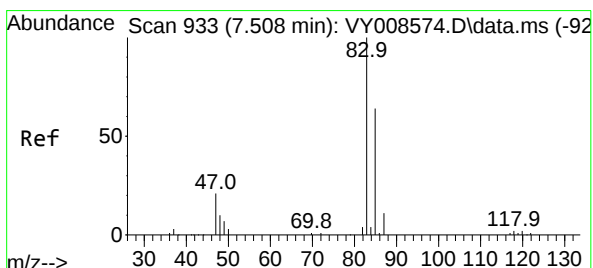
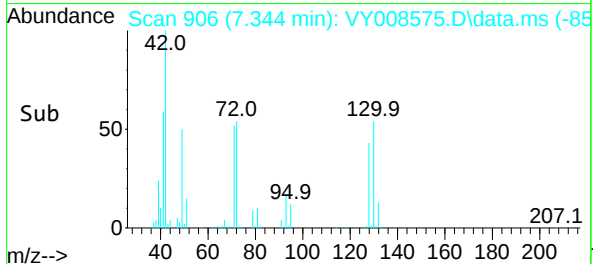
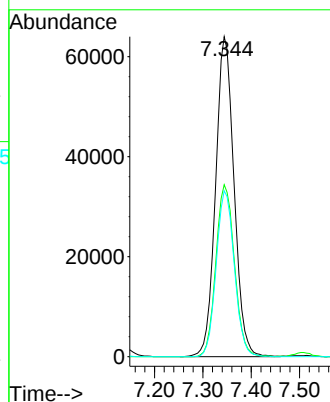
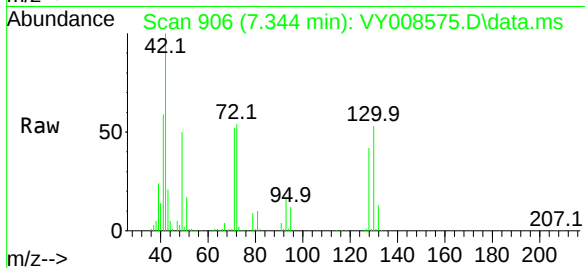
Tgt Ion: 42 Resp: 169607

Ion Ratio Lower Upper

42 100

72 54.0 30.3 45.5#

71 50.9 29.0 43.4#



#30

Chloroform

Concen: 98.600 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008575.D

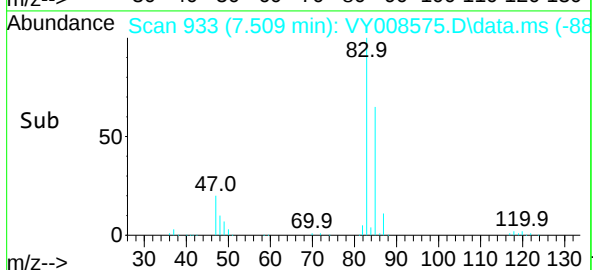
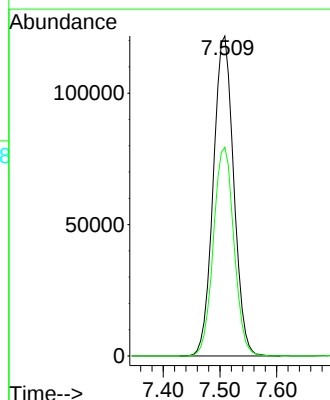
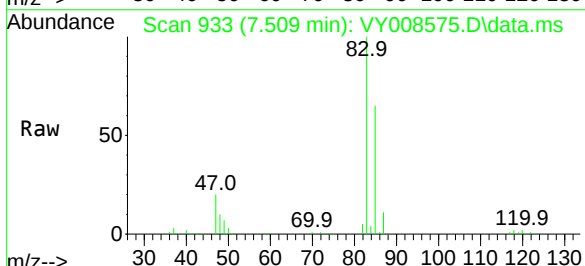
Acq: 02 May 2022 16:42

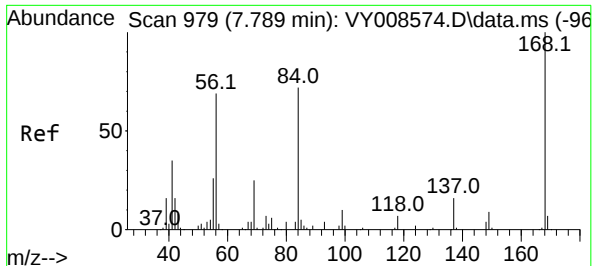
Tgt Ion: 83 Resp: 304229

Ion Ratio Lower Upper

83 100

85 65.3 51.8 77.6





#31

Cyclohexane

Concen: 96.719 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

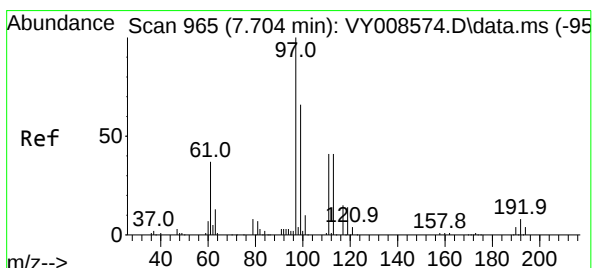
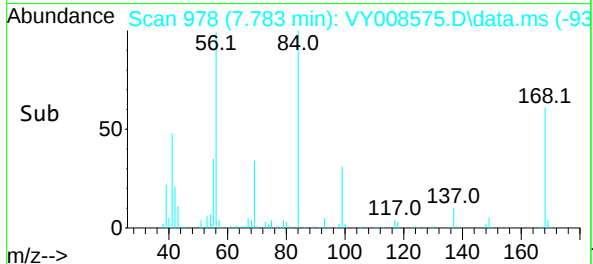
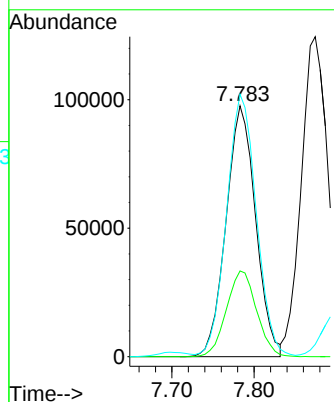
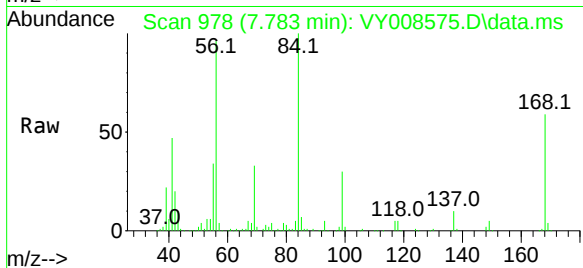
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 244398

Ion	Ratio	Lower	Upper
56	100		
69	34.2	26.7	40.1
84	102.9	67.2	100.8#



#32

1,1,1-Trichloroethane

Concen: 99.729 ug/l

RT: 7.704 min Scan# 965

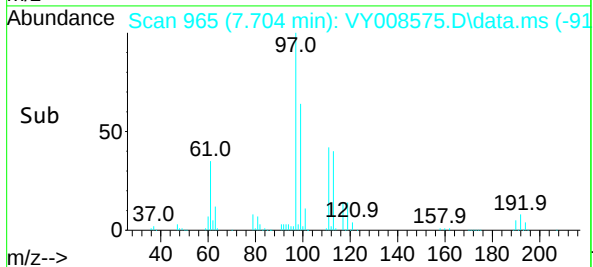
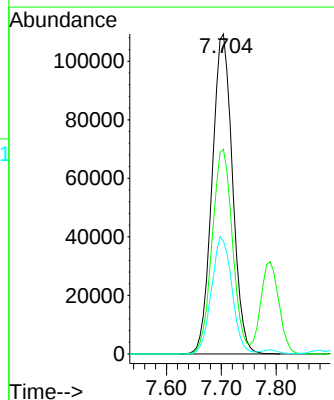
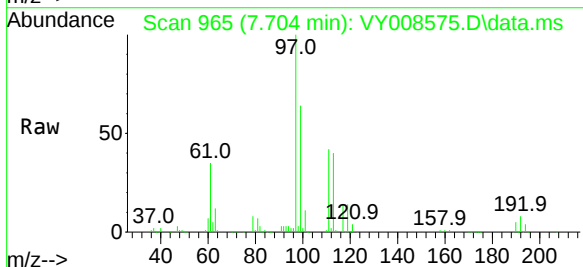
Delta R.T. 0.000 min

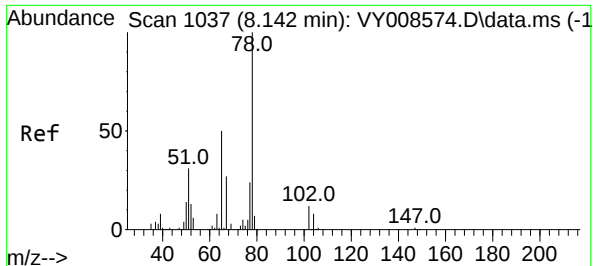
Lab File: VY008575.D

Acq: 02 May 2022 16:42

Tgt Ion: 97 Resp: 282257

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.7	76.1
61	36.9	37.6	56.4#





#33

1,2-Dichloroethane-d4

Concen: 103.411 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

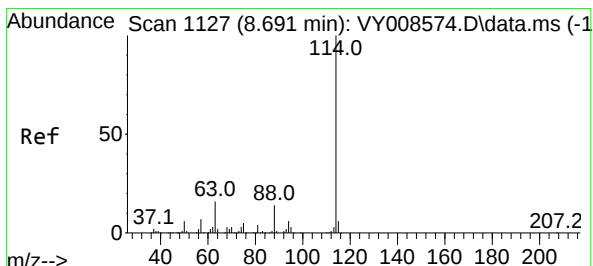
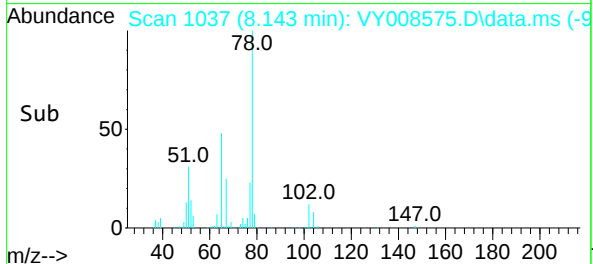
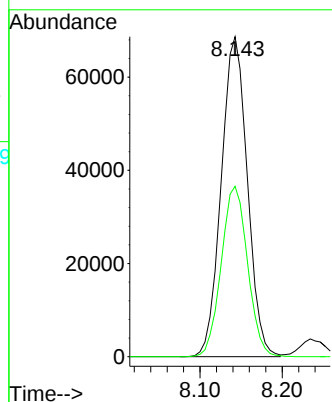
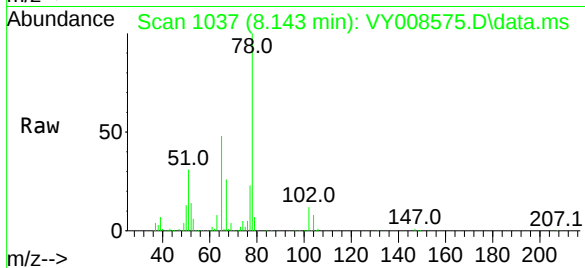
VSTDIC100

Tgt Ion: 65 Resp: 151392

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

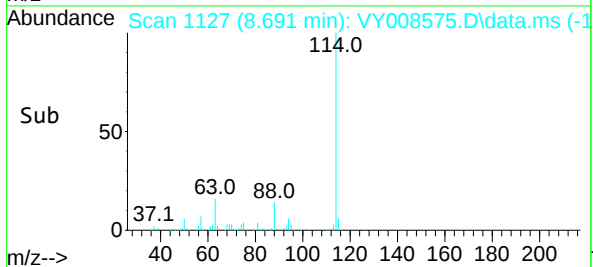
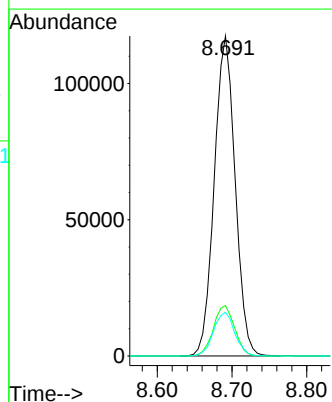
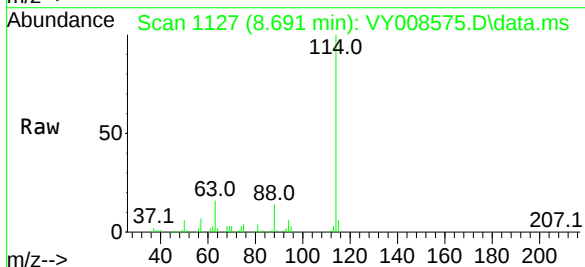
Tgt Ion: 114 Resp: 227847

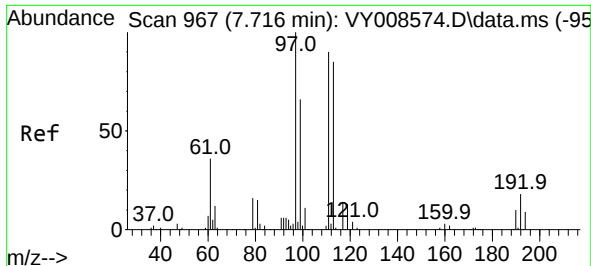
Ion Ratio Lower Upper

114 100

63 15.7 0.0 43.2

88 13.7 0.0 31.8

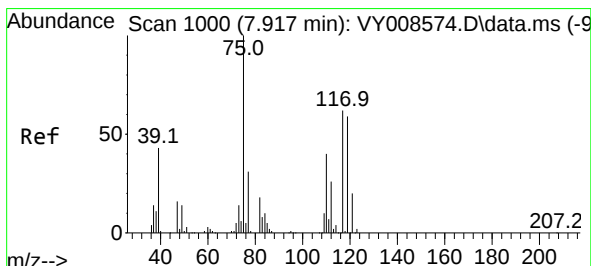
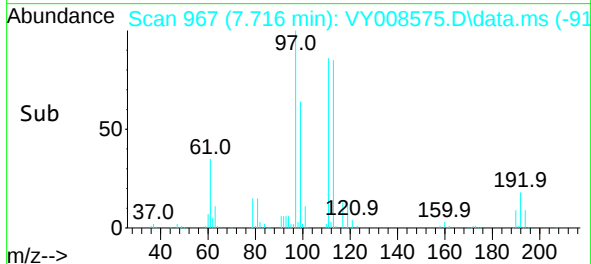
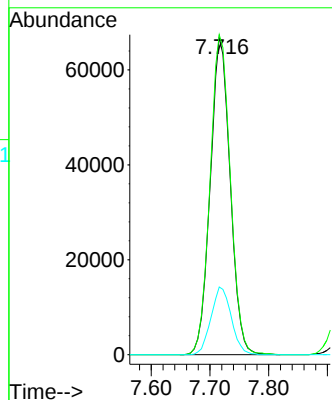
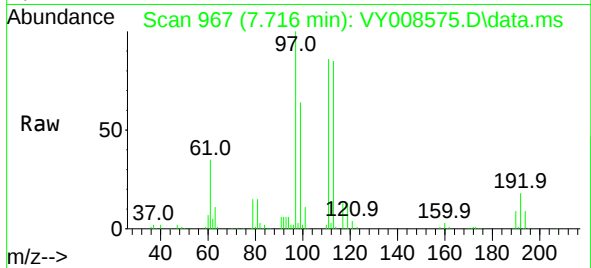




#35
Dibromofluoromethane
Concen: 104.284 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

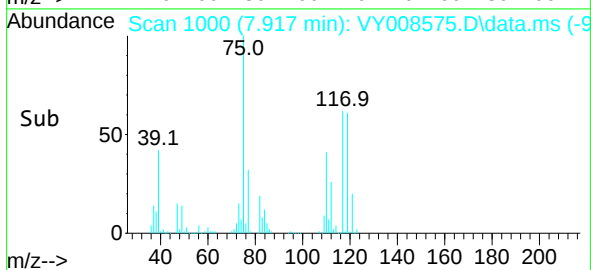
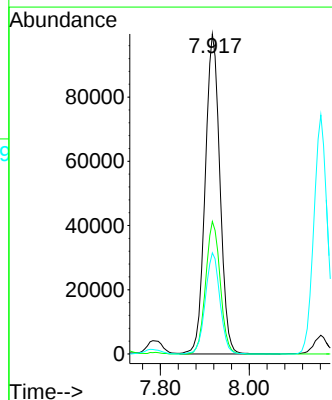
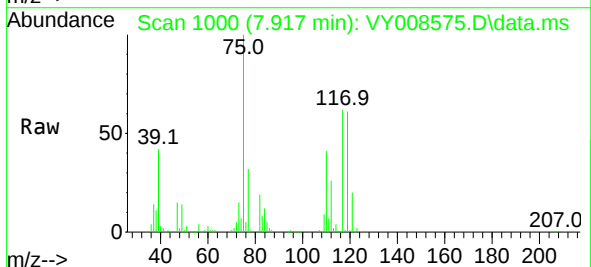
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

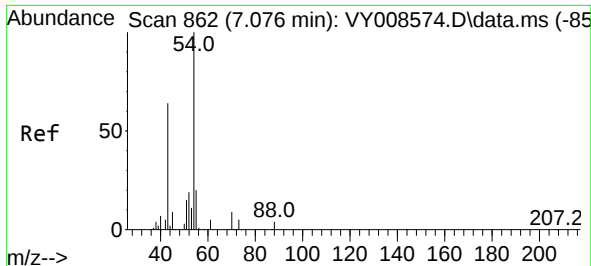
Tgt Ion:113 Resp: 157225
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 98.330 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 75 Resp: 230526
Ion Ratio Lower Upper
75 100
110 40.7 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 97.365 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

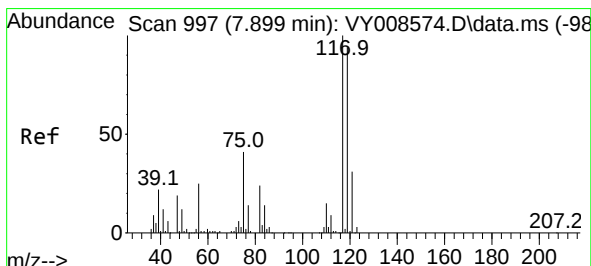
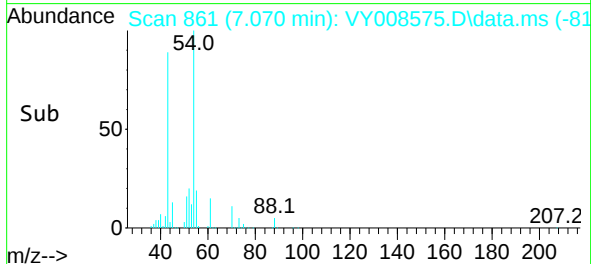
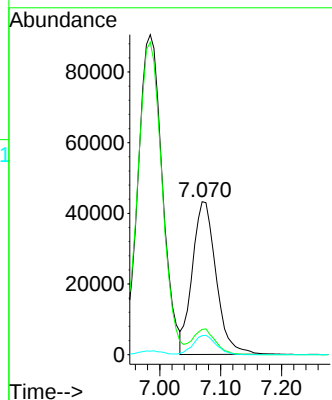
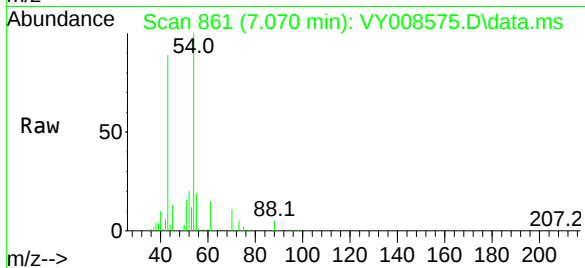
Tgt Ion: 43 Resp: 117060

Ion Ratio Lower Upper

43 100

61 16.4 9.7 14.5#

70 12.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 98.821 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

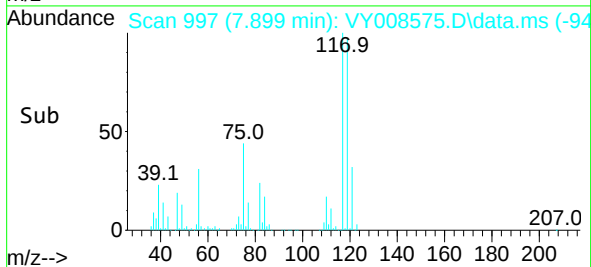
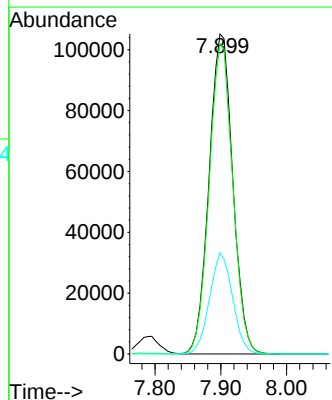
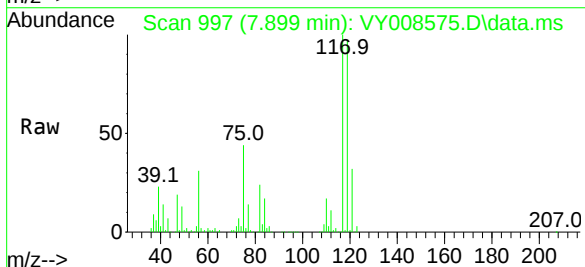
Tgt Ion: 117 Resp: 264311

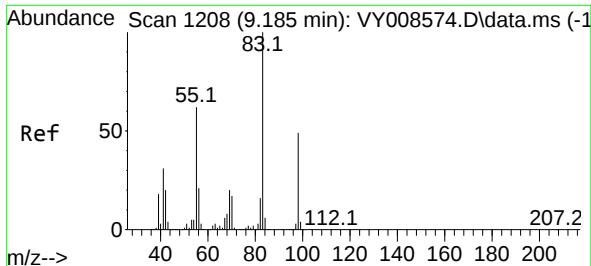
Ion Ratio Lower Upper

117 100

119 97.0 77.9 116.9

121 31.6 24.8 37.2





#39

Methylcyclohexane

Concen: 100.585 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

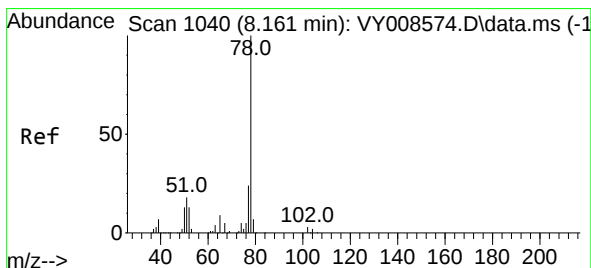
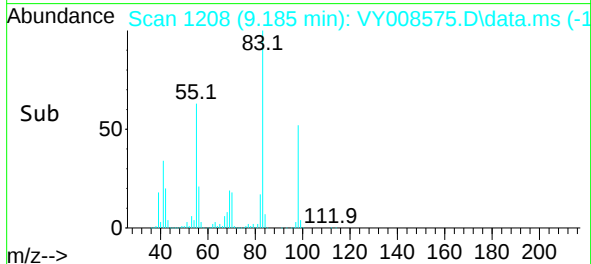
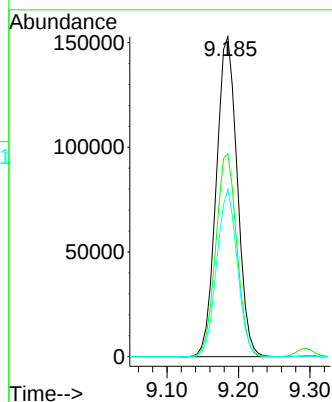
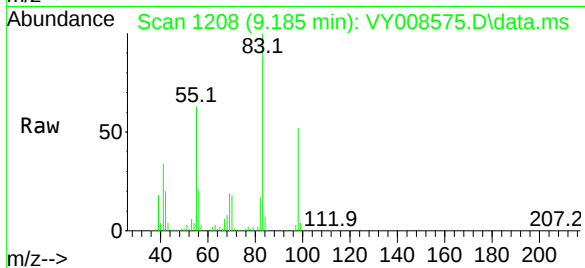
Tgt Ion: 83 Resp: 311068

Ion Ratio Lower Upper

83 100

55 63.4 66.5 99.7#

98 52.3 37.9 56.9



#40

Benzene

Concen: 98.971 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008575.D

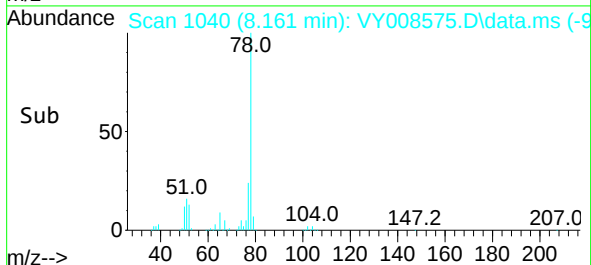
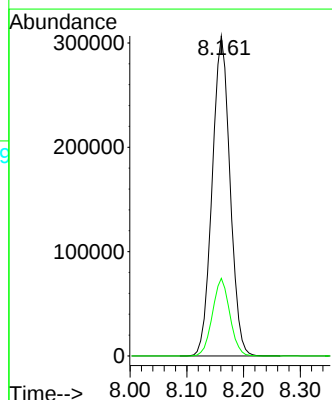
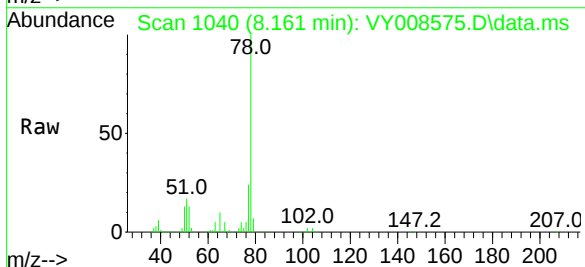
Acq: 02 May 2022 16:42

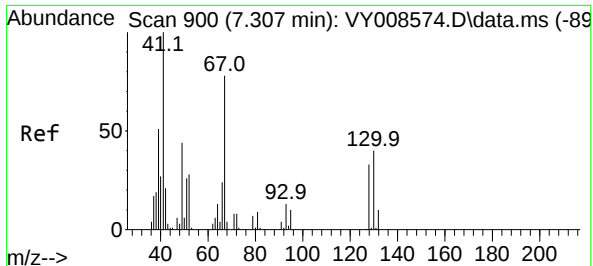
Tgt Ion: 78 Resp: 670208

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

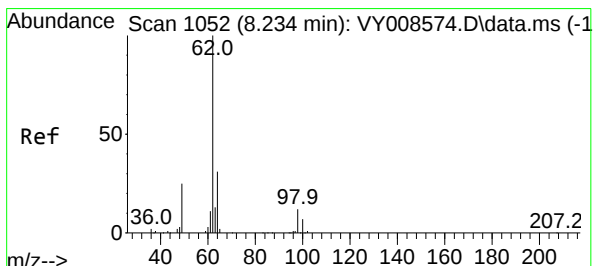
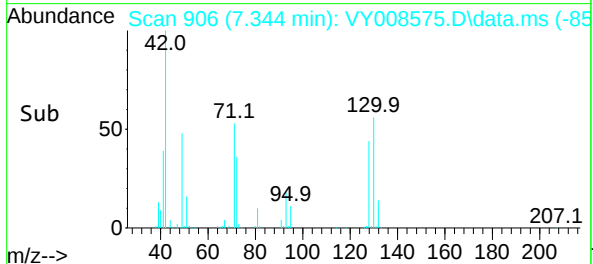
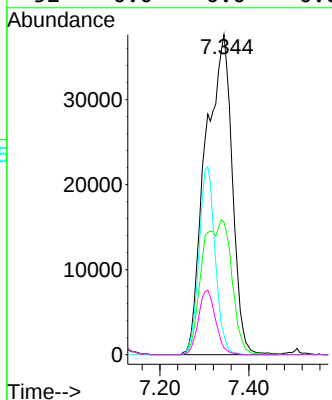
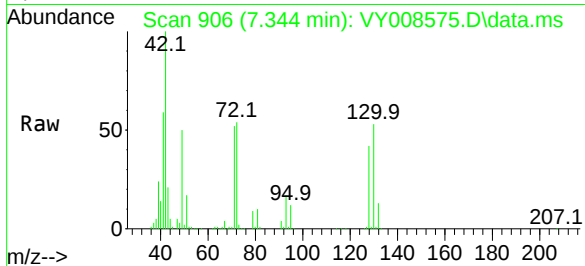




#41
Methacrylonitrile
Concen: 296.304 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

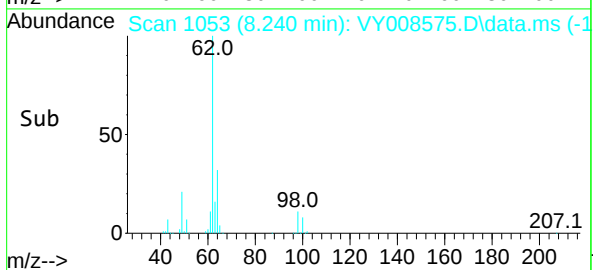
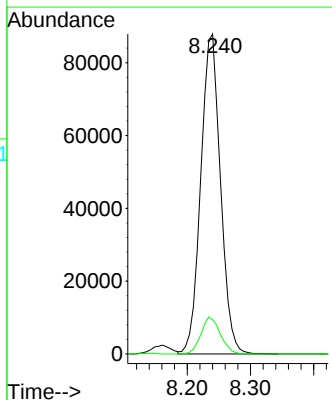
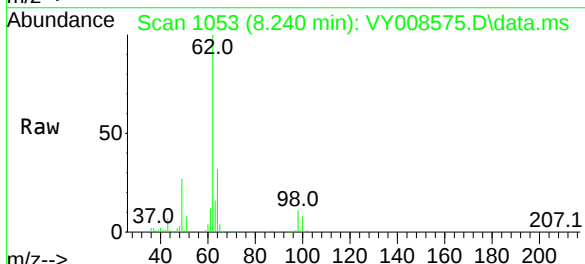
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

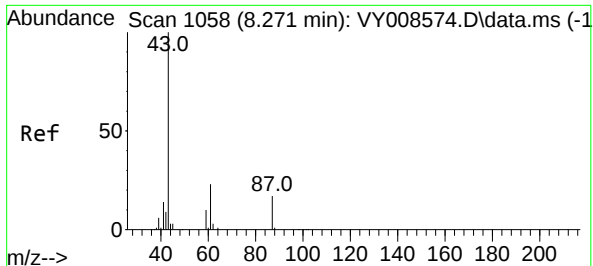
Tgt Ion: 41 Resp: 156289
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 97.214 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 62 Resp: 190541
Ion Ratio Lower Upper
62 100
98 11.3 0.0 14.8





#43

Isopropyl Acetate

Concen: 100.675 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

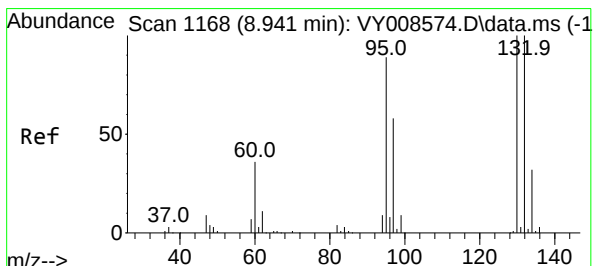
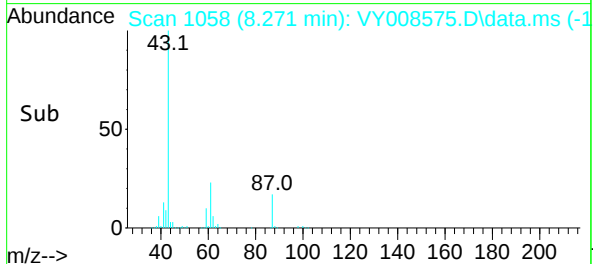
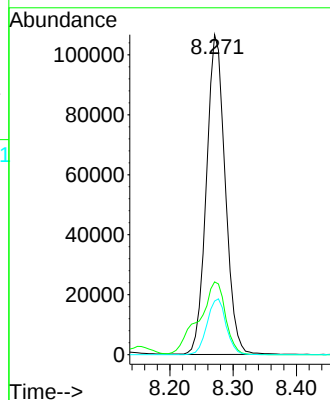
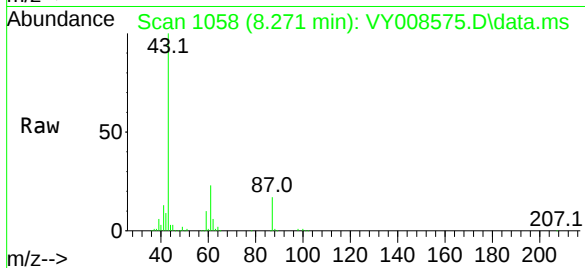
Tgt Ion: 43 Resp: 220231

Ion Ratio Lower Upper

43 100

61 32.3 20.2 30.2#

87 17.7 8.9 13.3#



#44

Trichloroethene

Concen: 96.745 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008575.D

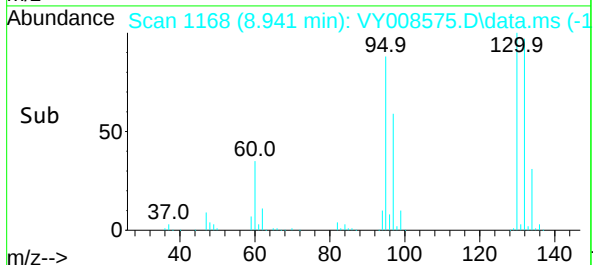
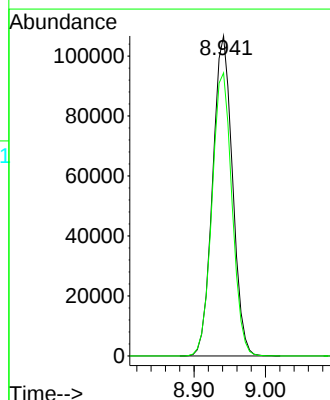
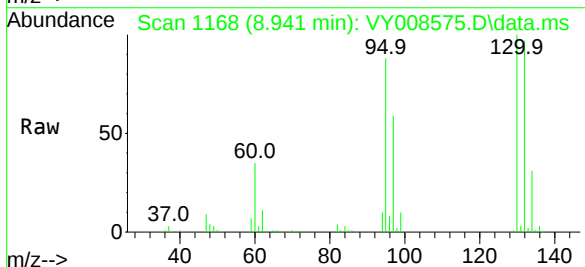
Acq: 02 May 2022 16:42

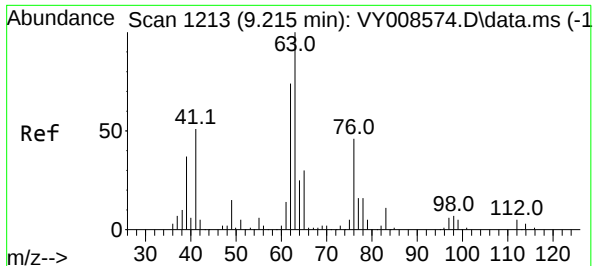
Tgt Ion:130 Resp: 205504

Ion Ratio Lower Upper

130 100

95 88.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 99.336 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

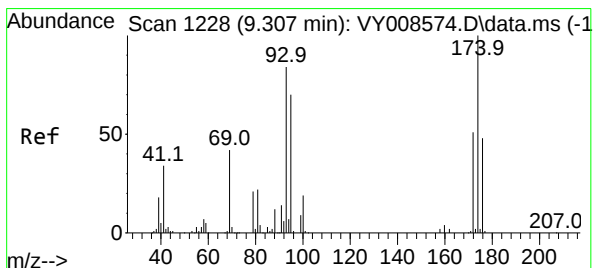
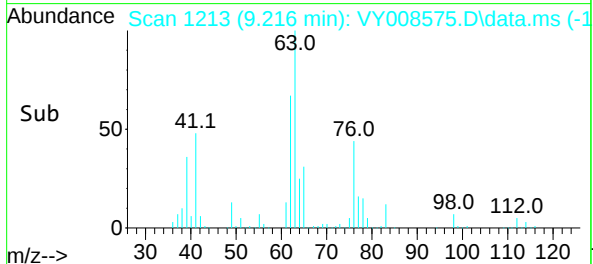
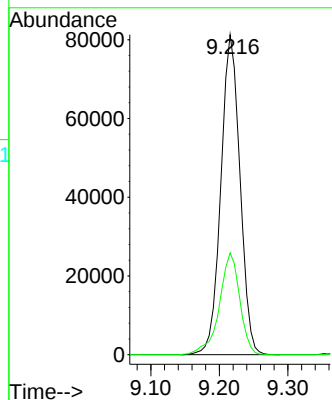
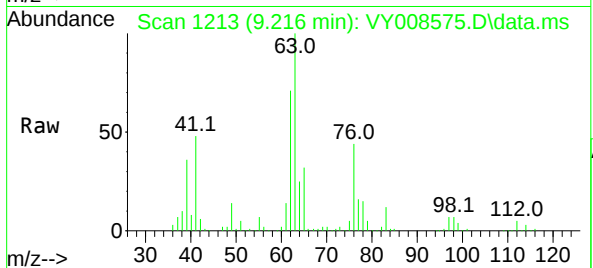
VSTDICC100

Tgt Ion: 63 Resp: 156930

Ion Ratio Lower Upper

63 100

65 31.8 23.0 34.6



#46

Dibromomethane

Concen: 97.426 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

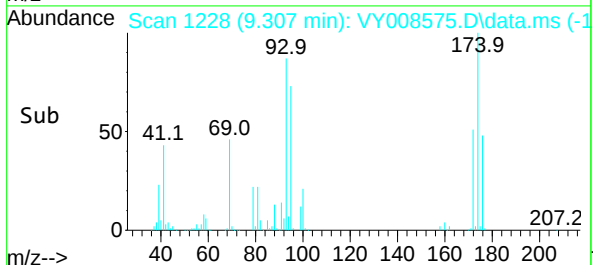
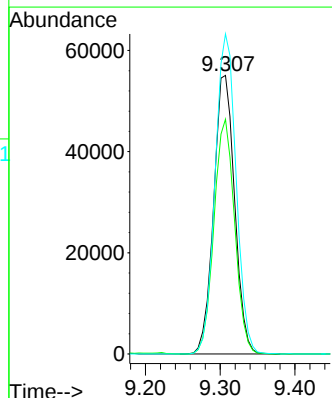
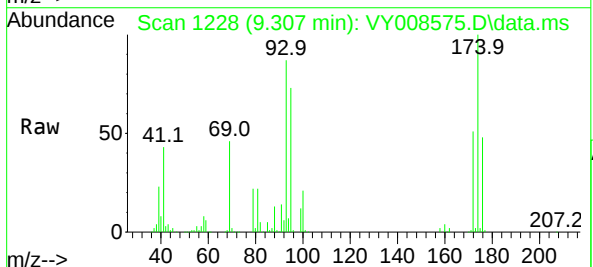
Tgt Ion: 93 Resp: 107444

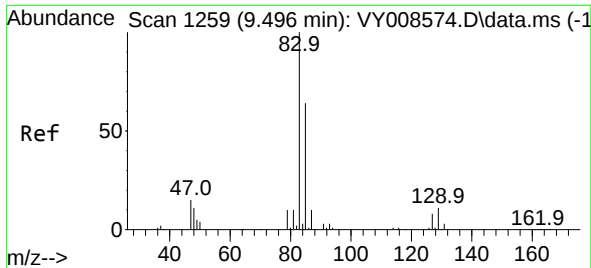
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

174 114.9 83.4 125.0

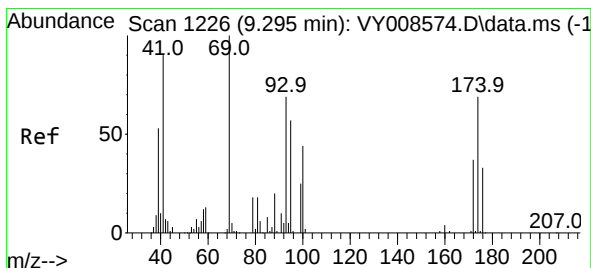
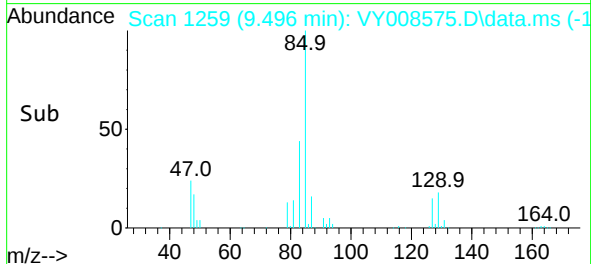
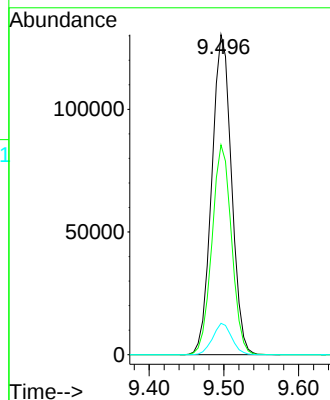
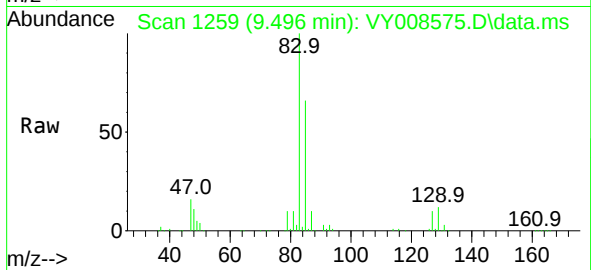




#47
Bromodichloromethane
Concen: 99.473 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

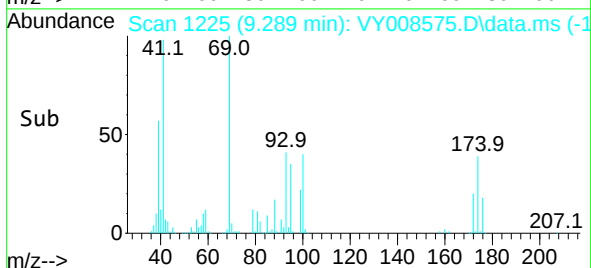
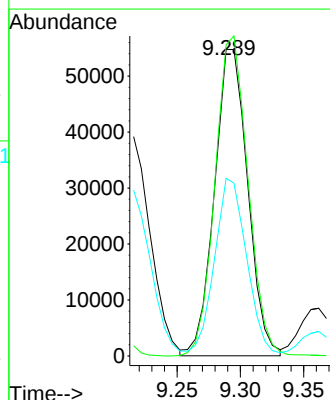
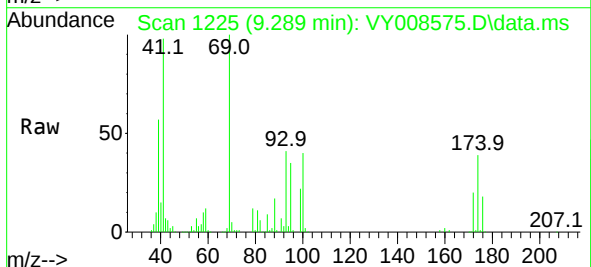
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

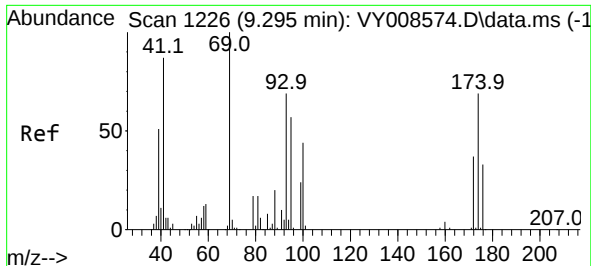
Tgt Ion: 83 Resp: 239030
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9
127 9.8 6.6 10.0



#48
Methyl methacrylate
Concen: 104.201 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 41 Resp: 100194
Ion Ratio Lower Upper
41 100
69 103.5 58.2 87.2#
39 54.0 47.4 71.0





#49

1,4-Dioxane

Concen: 2011.421 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

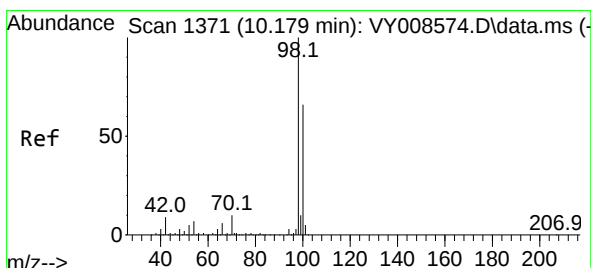
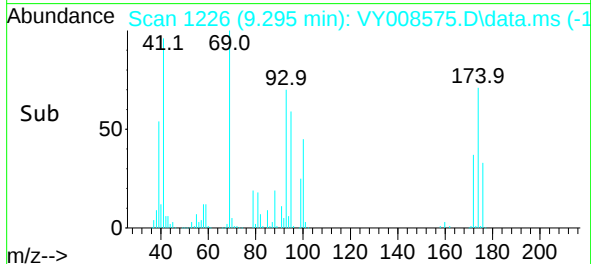
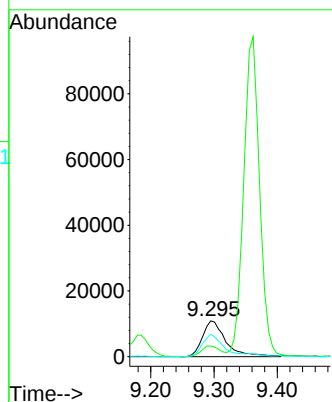
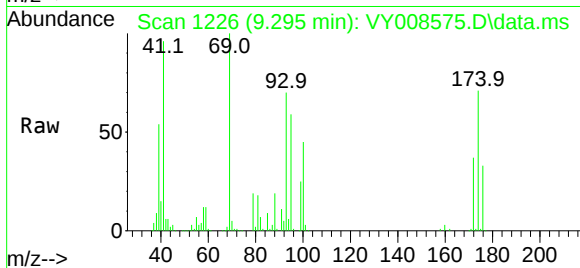
Tgt Ion: 88 Resp: 28126

Ion Ratio Lower Upper

88 100

43 24.5 32.8 49.2#

58 60.5 59.8 89.6



#50

Toluene-d8

Concen: 105.877 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008575.D

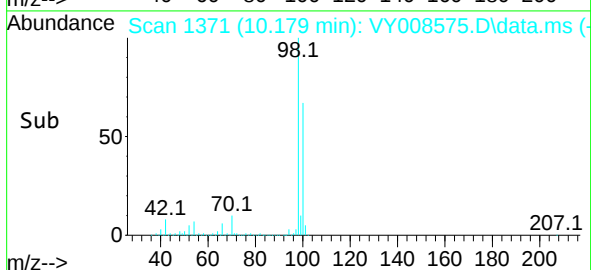
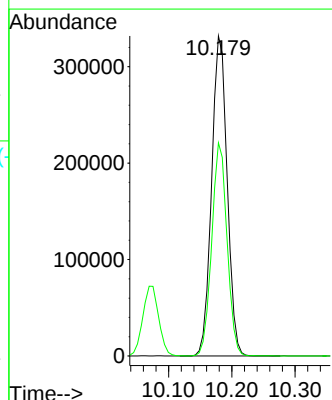
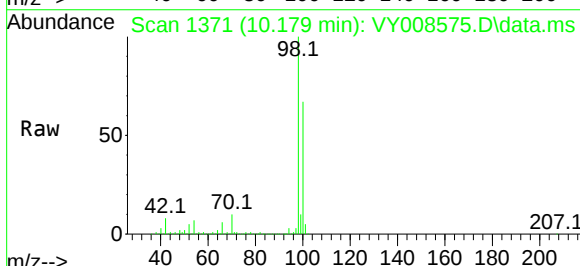
Acq: 02 May 2022 16:42

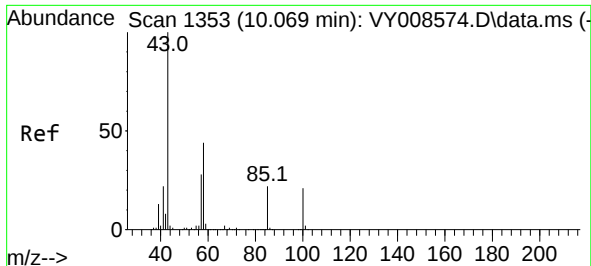
Tgt Ion: 98 Resp: 565529

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

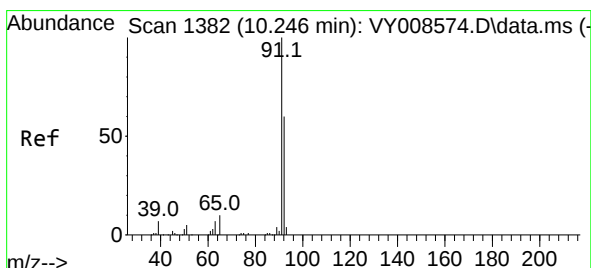
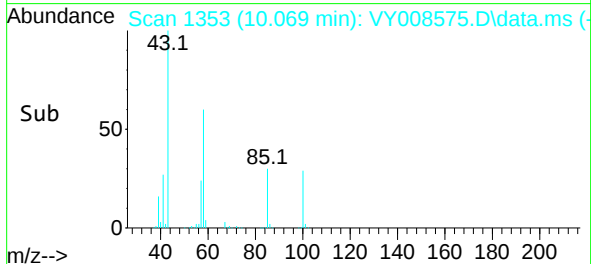
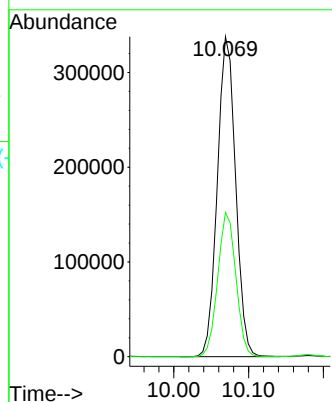
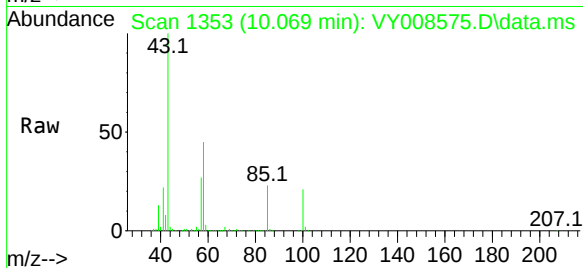




#51
4-Methyl-2-Pentanone
Concen: 500.350 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

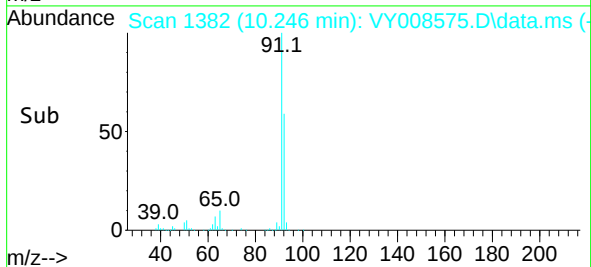
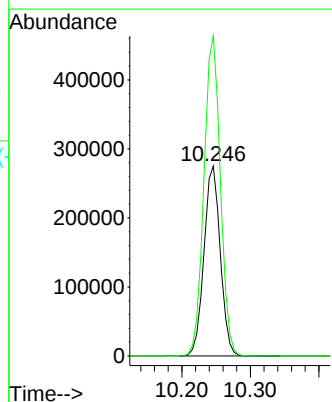
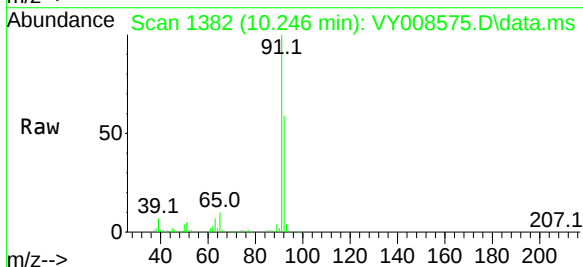
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

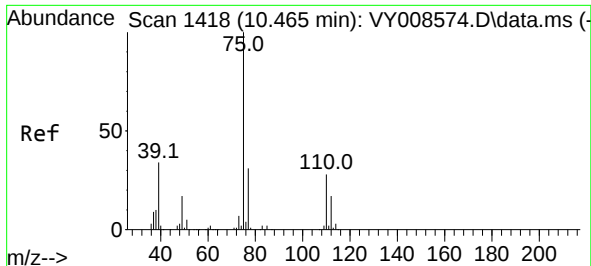
Tgt Ion: 43 Resp: 574497
Ion Ratio Lower Upper
43 100
58 44.8 28.1 42.1#



#52
Toluene
Concen: 100.589 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 92 Resp: 455287
Ion Ratio Lower Upper
92 100
91 170.0 142.6 213.8

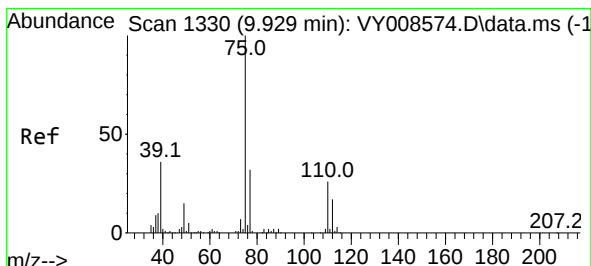
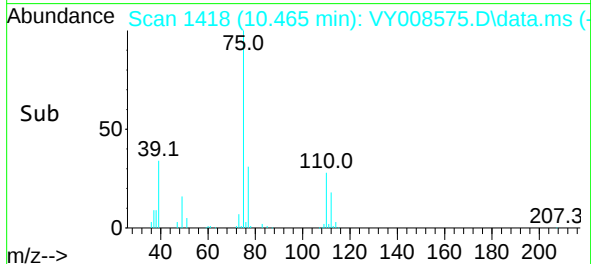
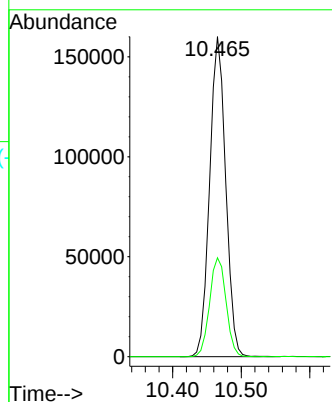
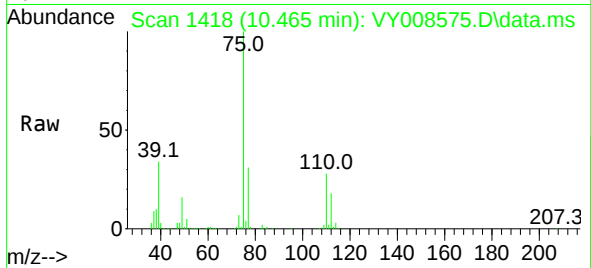




#53
 t-1,3-Dichloropropene
 Concen: 102.556 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008575.D
 Acq: 02 May 2022 16:42

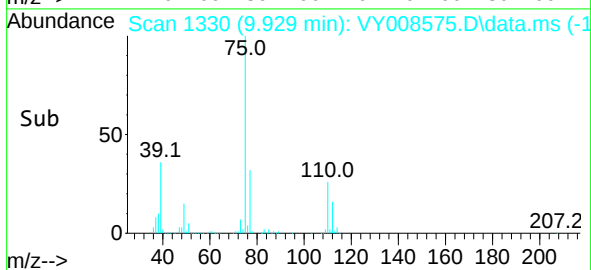
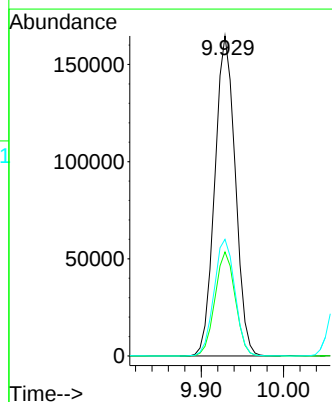
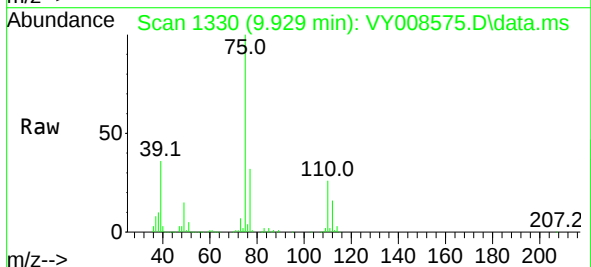
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

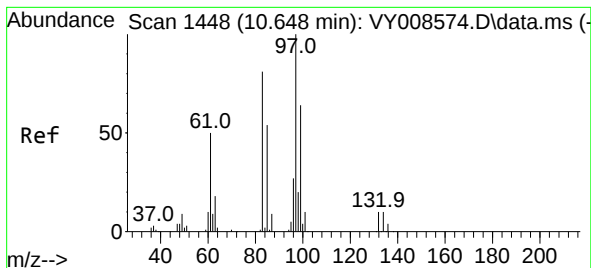
Tgt Ion: 75 Resp: 260525
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 101.004 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY008575.D
 Acq: 02 May 2022 16:42

Tgt Ion: 75 Resp: 285060
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4
 39 36.5 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 98.469 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 151324

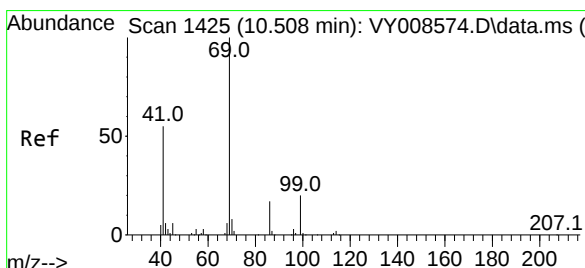
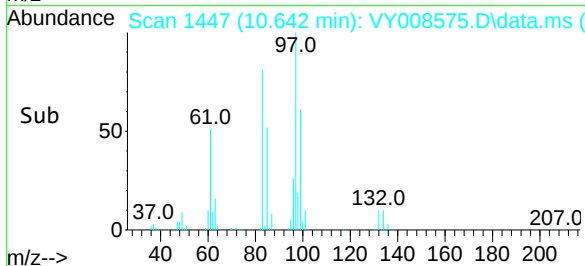
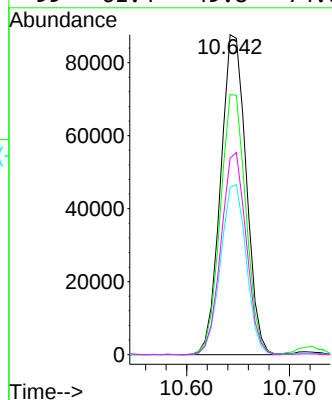
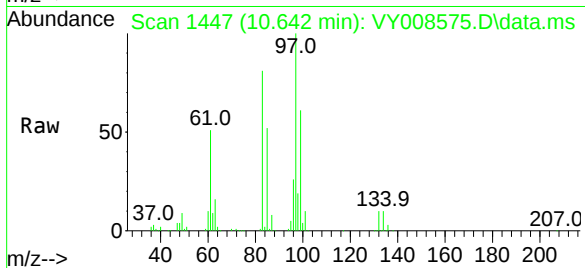
Ion Ratio Lower Upper

97 100

83 81.3 69.8 104.8

85 52.3 44.3 66.5

99 61.4 49.8 74.6



#56

Ethyl methacrylate

Concen: 104.405 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

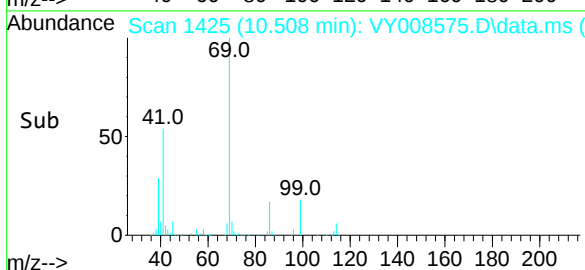
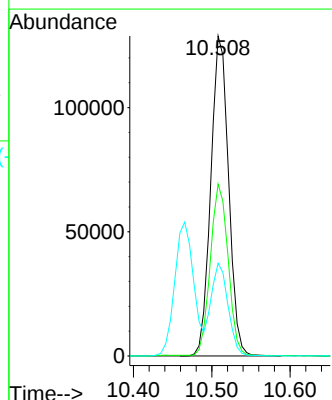
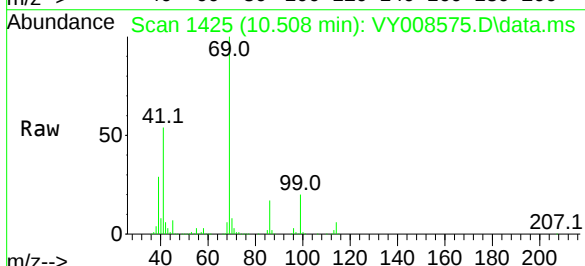
Tgt Ion: 69 Resp: 202682

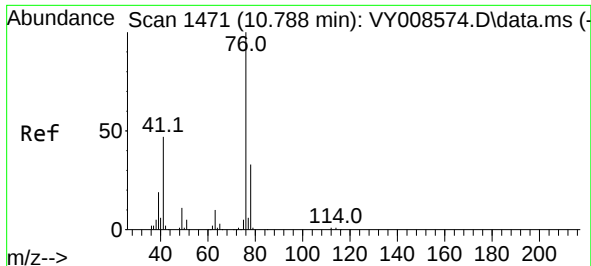
Ion Ratio Lower Upper

69 100

41 53.6 63.4 95.0#

39 27.9 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 97.974 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

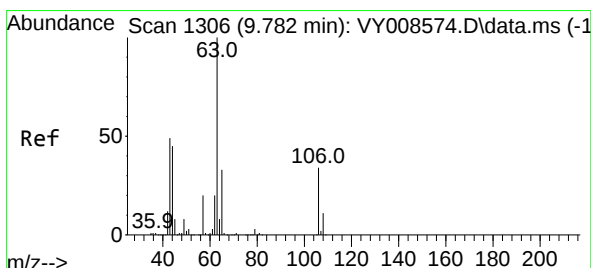
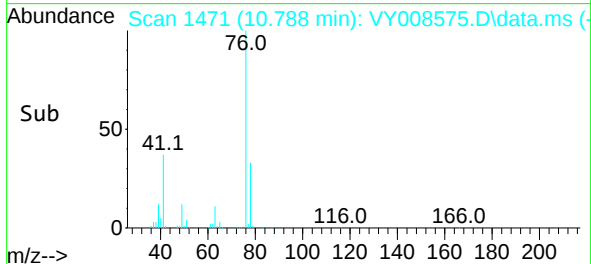
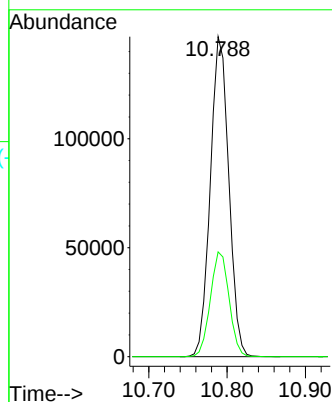
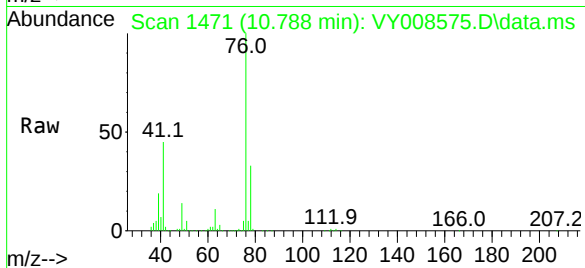
VSTDICC100

Tgt Ion: 76 Resp: 240350

Ion Ratio Lower Upper

76 100

78 33.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 504.595 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008575.D

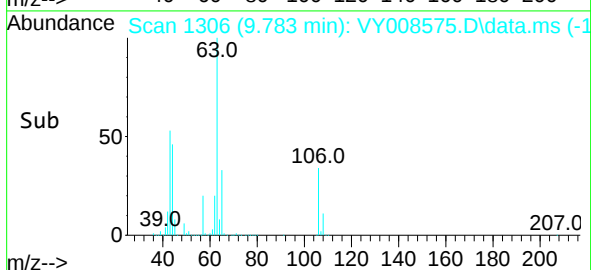
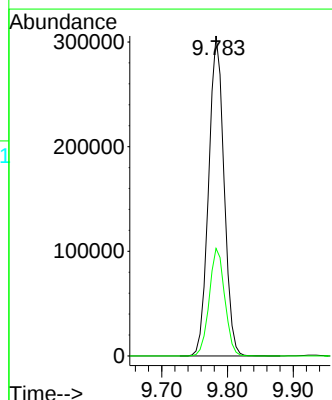
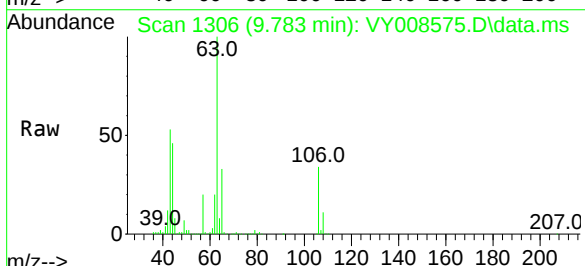
Acq: 02 May 2022 16:42

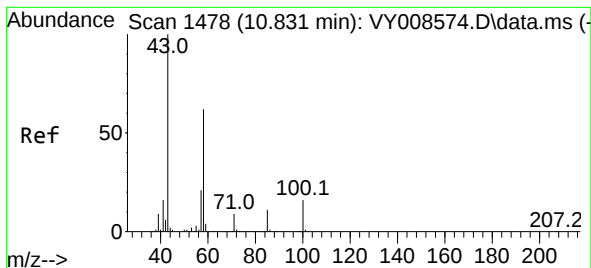
Tgt Ion: 63 Resp: 497185

Ion Ratio Lower Upper

63 100

106 33.8 21.5 32.3#

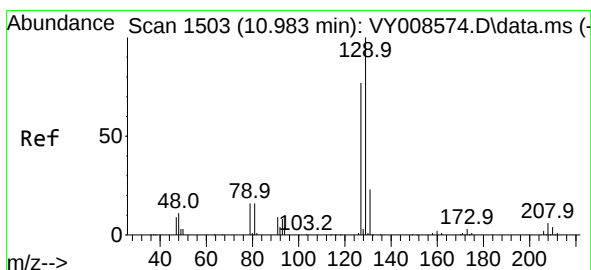
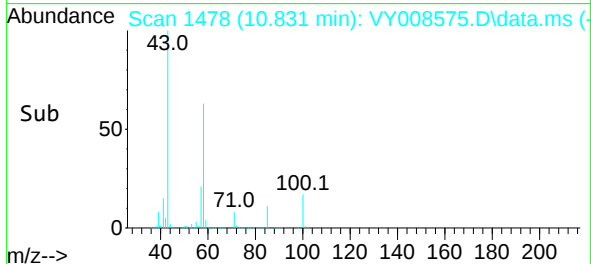
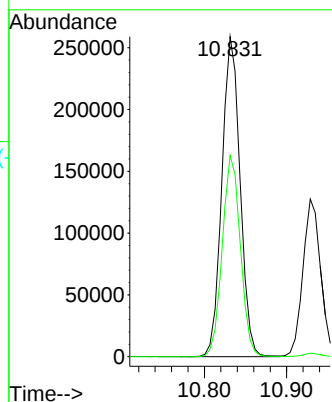
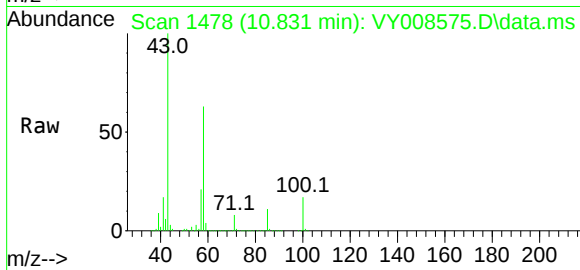




#59
2-Hexanone
Concen: 509.048 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

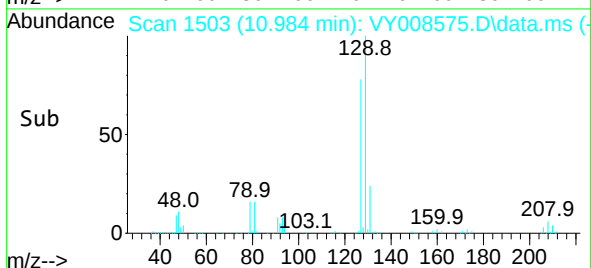
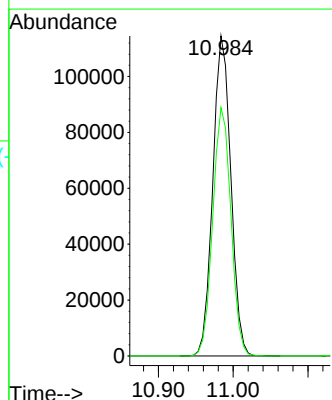
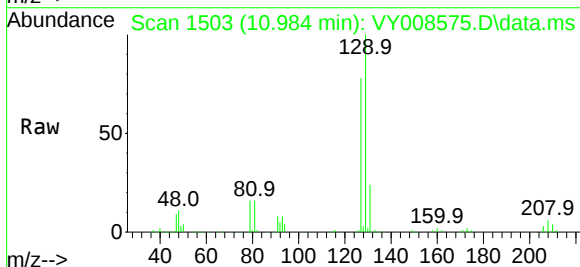
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

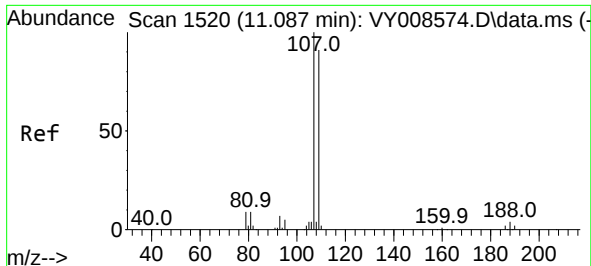
Tgt Ion: 43 Resp: 398039
Ion Ratio Lower Upper
43 100
58 62.5 24.4 73.4



#60
Dibromochloromethane
Concen: 99.822 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 129 Resp: 191887
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1

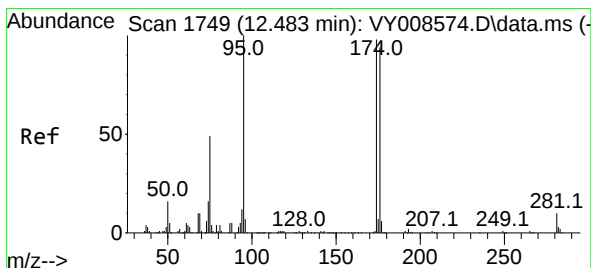
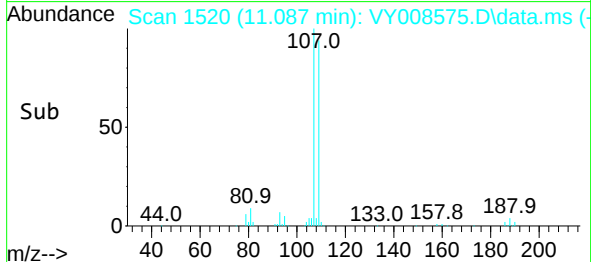
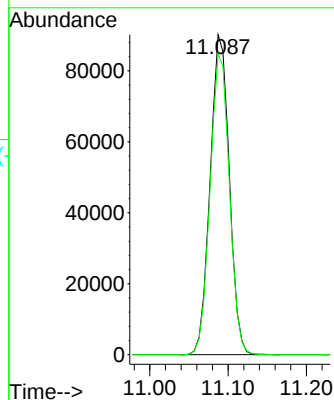
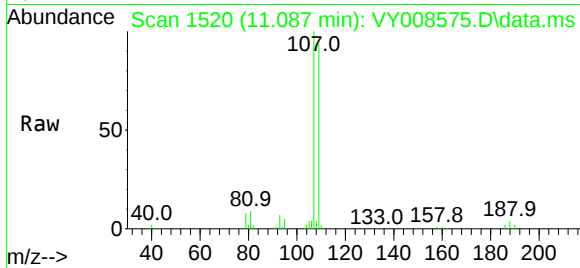




#61
1,2-Dibromoethane
Concen: 98.328 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

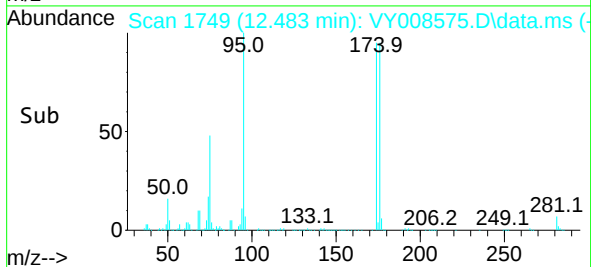
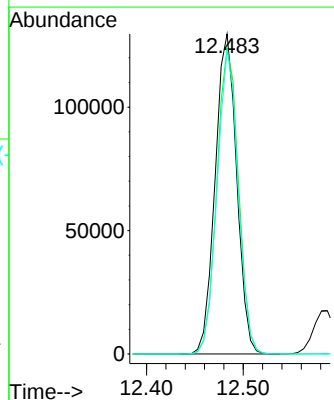
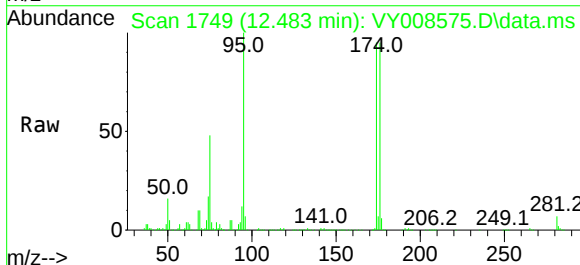
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

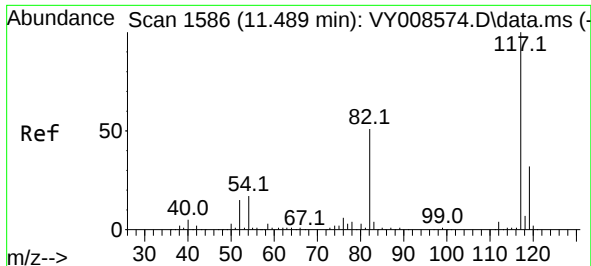
Tgt Ion:107 Resp: 152931
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 102.271 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 95 Resp: 200219
Ion Ratio Lower Upper
95 100
174 96.1 0.0 177.0
176 92.7 0.0 175.8

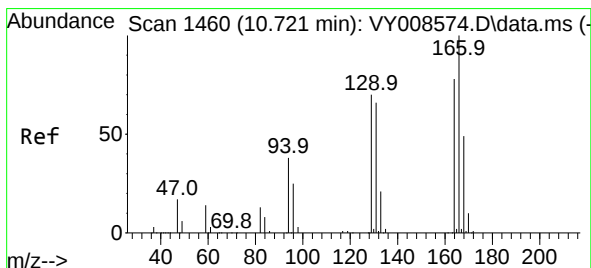
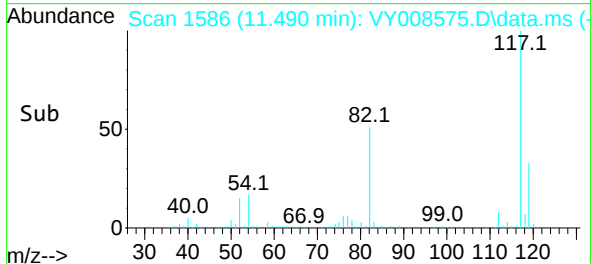
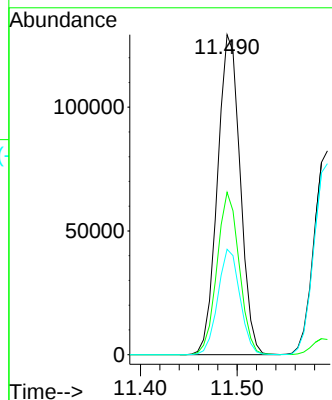
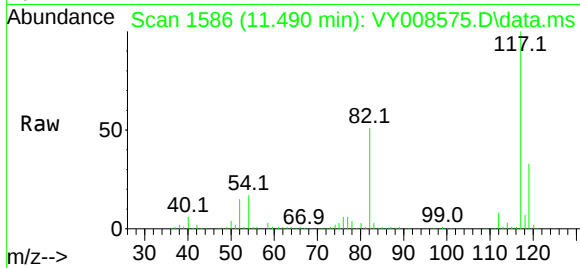




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

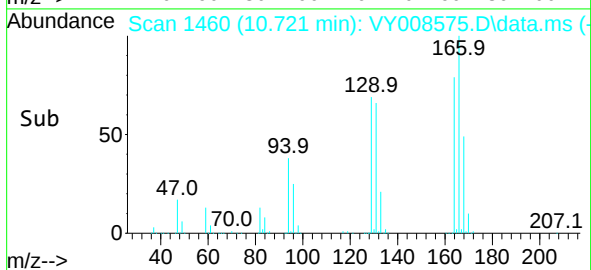
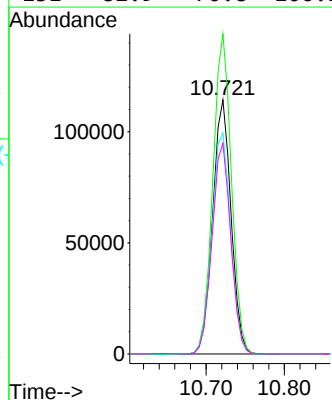
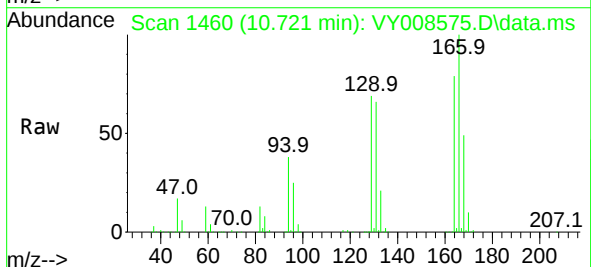
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

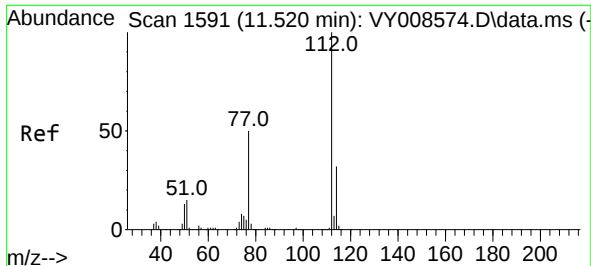
Tgt Ion:117 Resp: 210672
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 97.030 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion:164 Resp: 186474
Ion Ratio Lower Upper
164 100
166 125.9 100.4 150.6
129 87.0 71.4 107.0
131 82.9 70.8 106.2

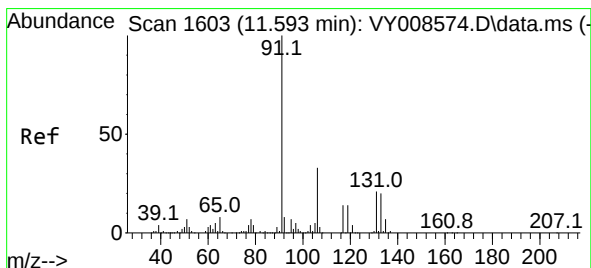
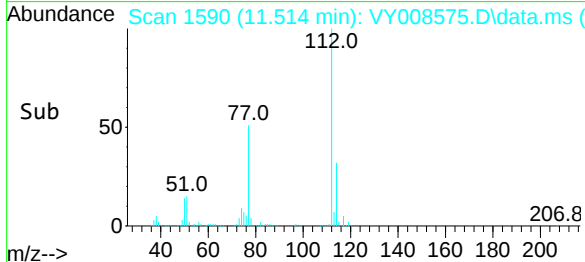
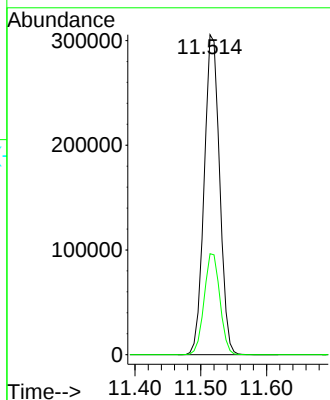
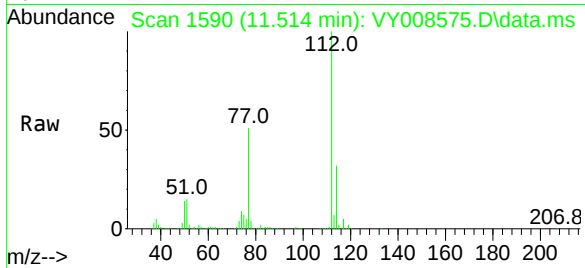




#65
Chlorobenzene
Concen: 98.383 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

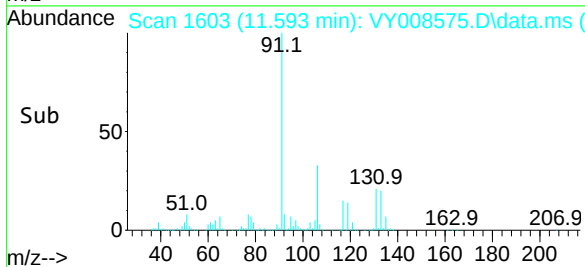
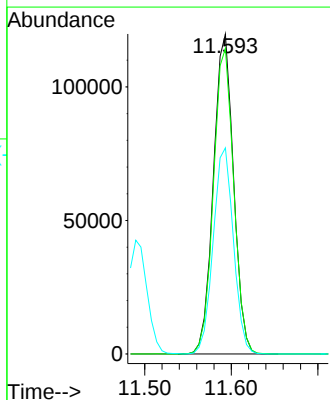
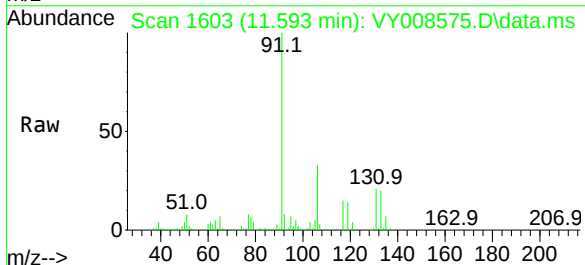
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

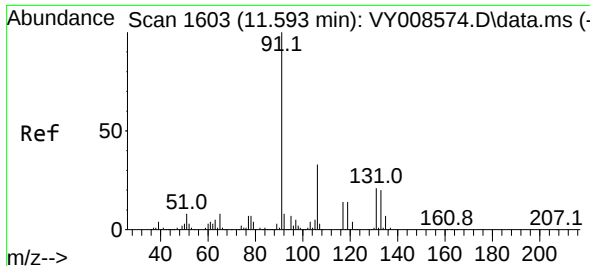
Tgt Ion:112 Resp: 499251
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 100.670 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion:131 Resp: 192865
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 64.9 30.8 92.3





#67

Ethyl Benzene

Concen: 100.795 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

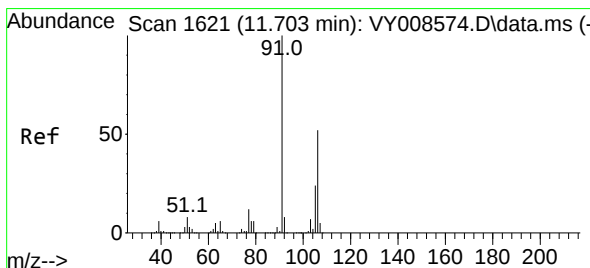
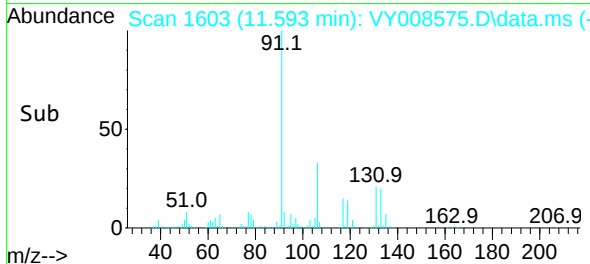
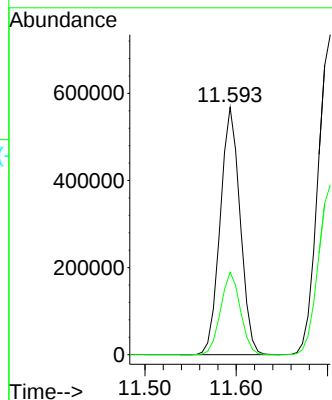
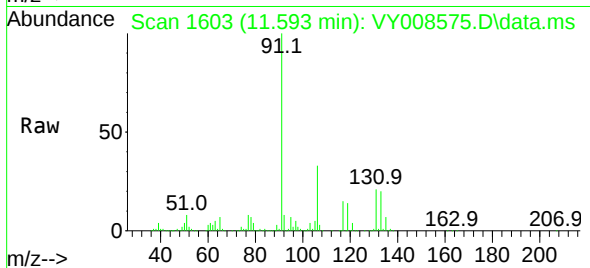
VSTDIC100

Tgt Ion: 91 Resp: 860515

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7



#68

m/p-Xylenes

Concen: 202.699 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008575.D

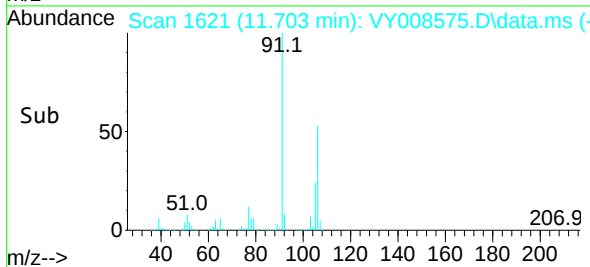
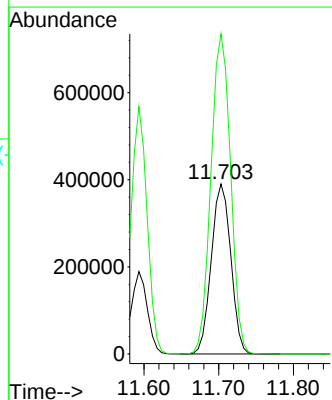
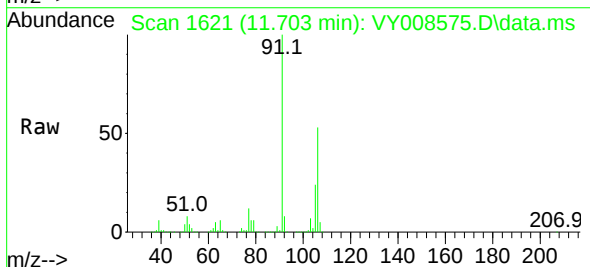
Acq: 02 May 2022 16:42

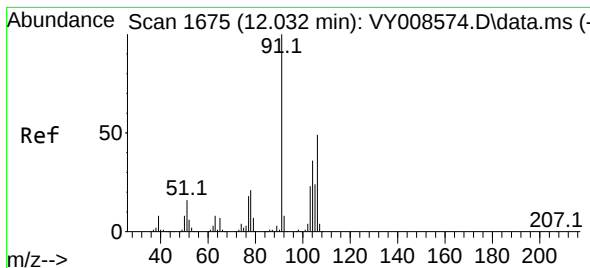
Tgt Ion:106 Resp: 706917

Ion Ratio Lower Upper

106 100

91 189.7 166.6 249.8

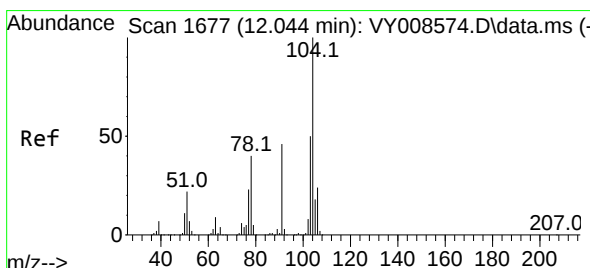
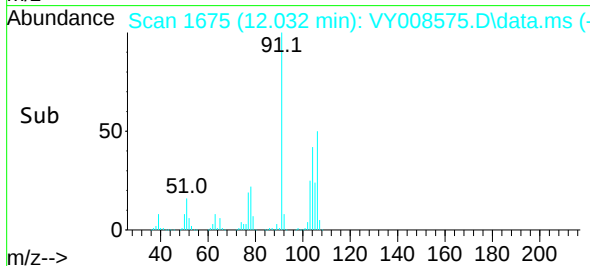
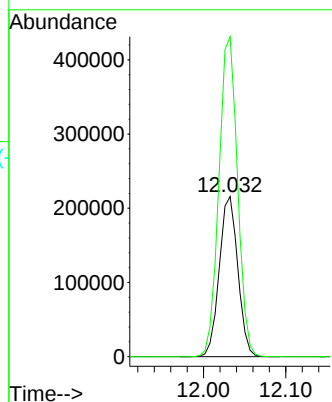
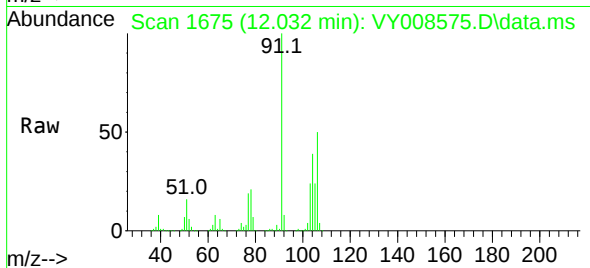




#69
o-Xylene
Concen: 101.091 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

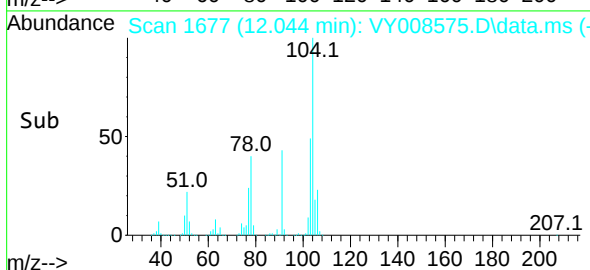
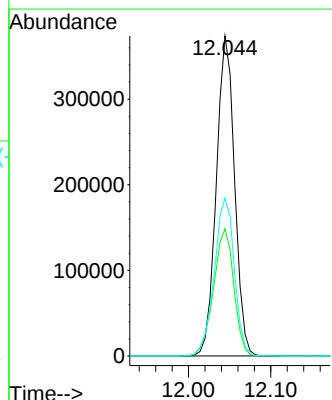
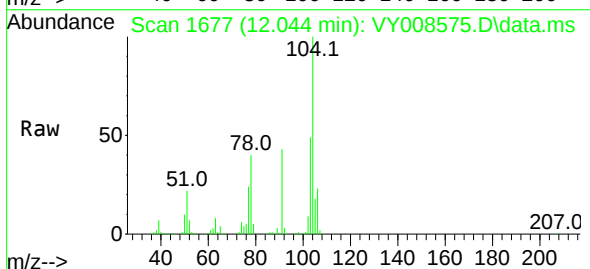
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

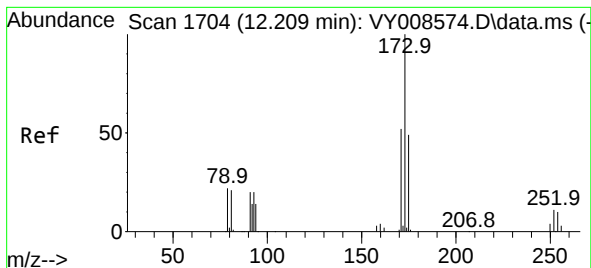
Tgt Ion:106 Resp: 337884
Ion Ratio Lower Upper
106 100
91 201.1 110.3 331.0



#70
Styrene
Concen: 103.783 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion:104 Resp: 576644
Ion Ratio Lower Upper
104 100
78 44.1 42.4 63.6
103 54.0 44.4 66.6





#71

Bromoform

Concen: 102.007 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

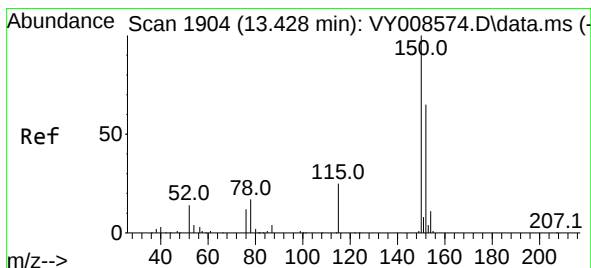
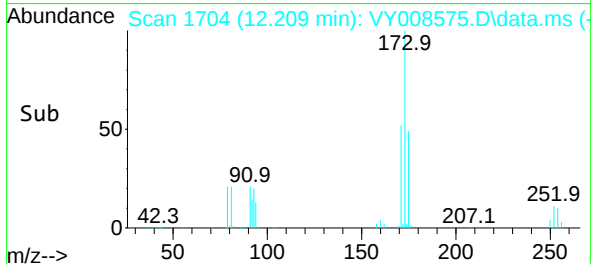
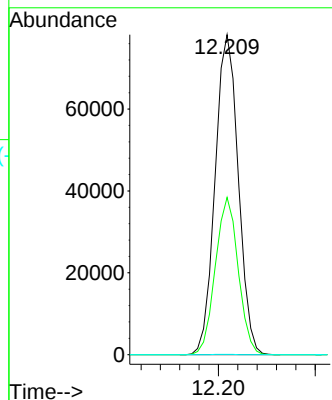
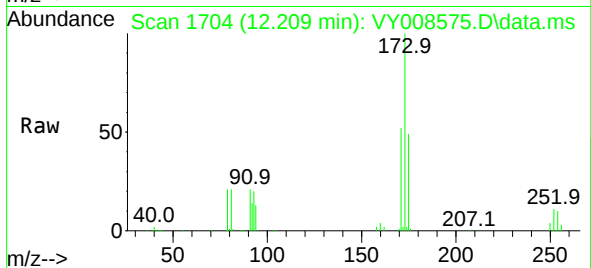
Tgt Ion:173 Resp: 129915

Ion Ratio Lower Upper

173 100

175 48.4 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: VY008575.D

Acq: 02 May 2022 16:42

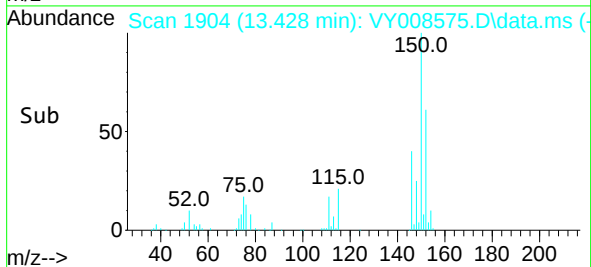
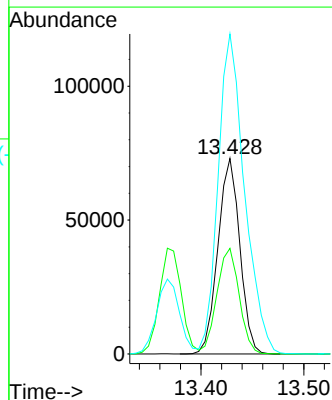
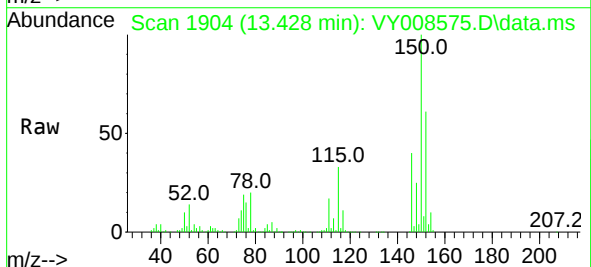
Tgt Ion:152 Resp: 108015

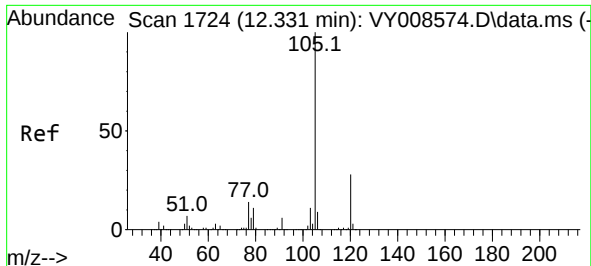
Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 197.7 0.0 347.6

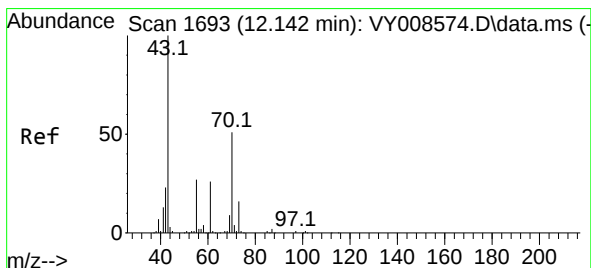
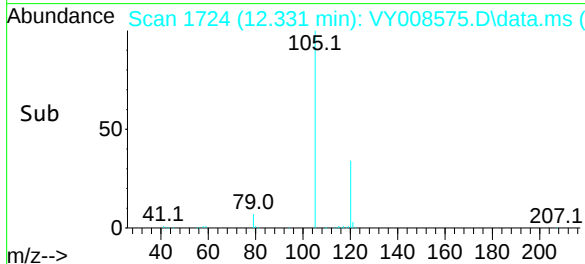
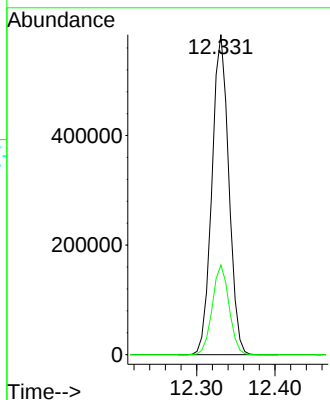
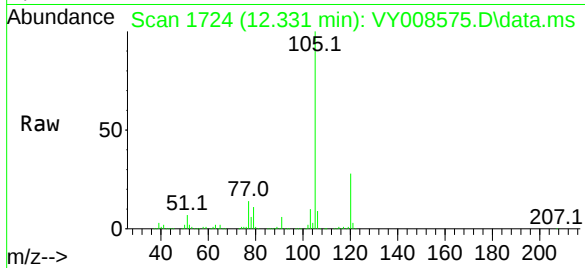




#73
Isopropylbenzene
Concen: 103.577 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

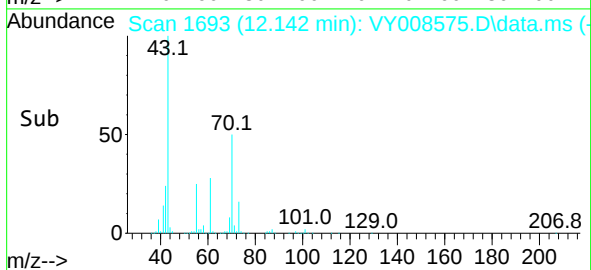
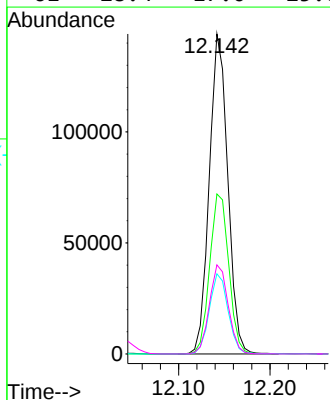
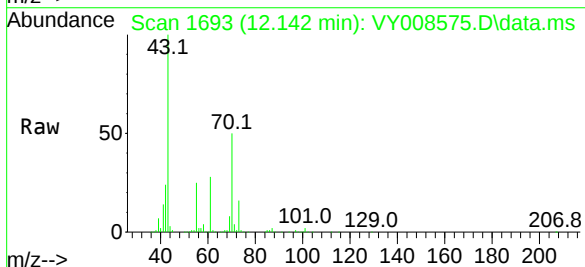
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

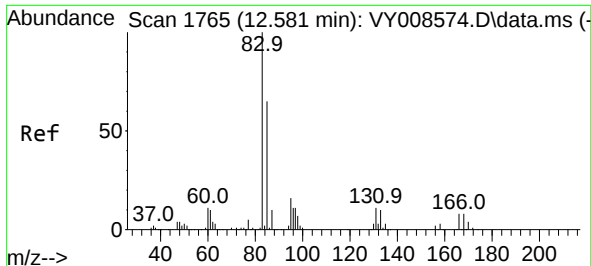
Tgt Ion:105 Resp: 872795
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 107.533 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 43 Resp: 202497
Ion Ratio Lower Upper
43 100
70 51.7 28.7 43.1#
55 25.5 17.3 25.9
61 28.4 17.0 25.6#

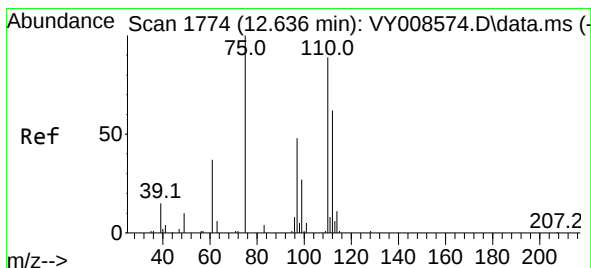
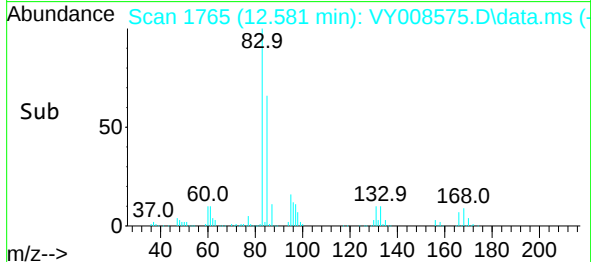
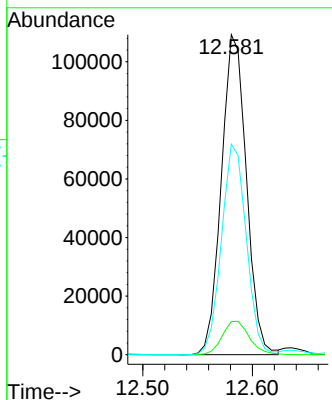
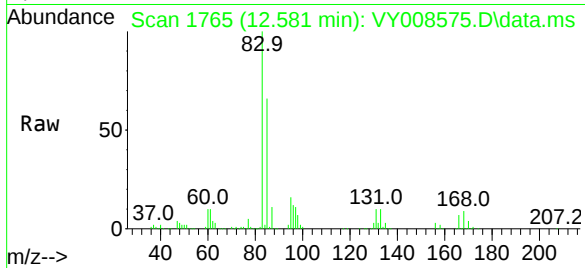




#75
1,1,2,2-Tetrachloroethane
Concen: 101.715 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

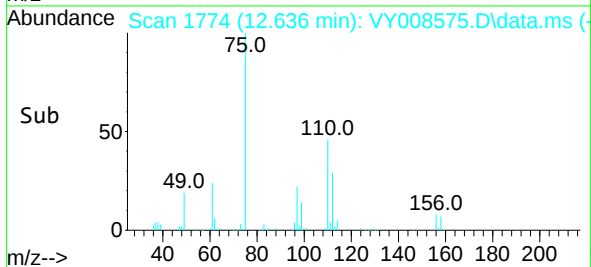
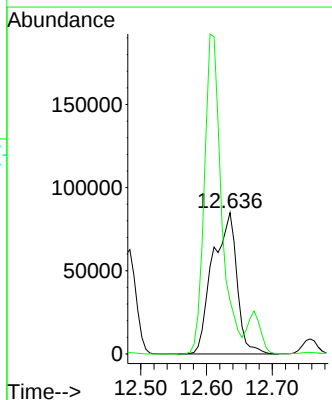
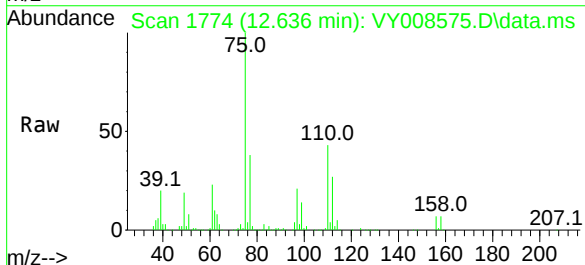
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

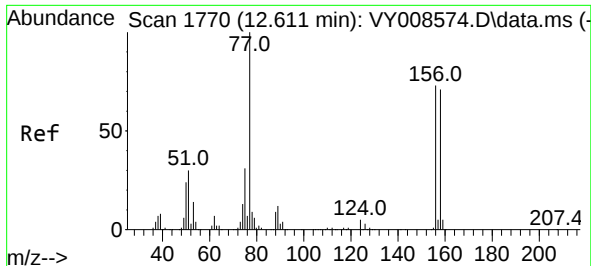
Tgt Ion: 83 Resp: 173446
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 65.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 189.986 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 75 Resp: 219061
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

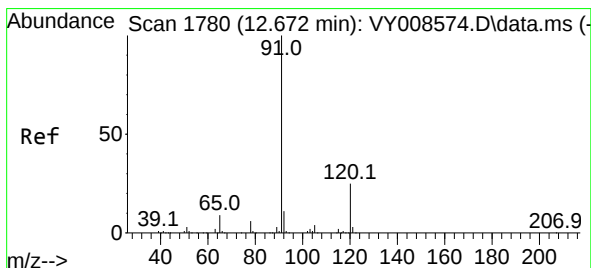
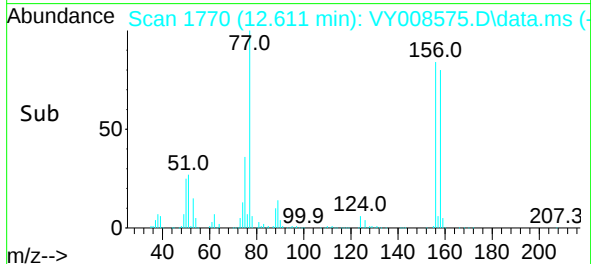
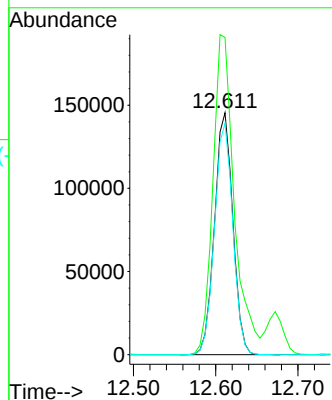
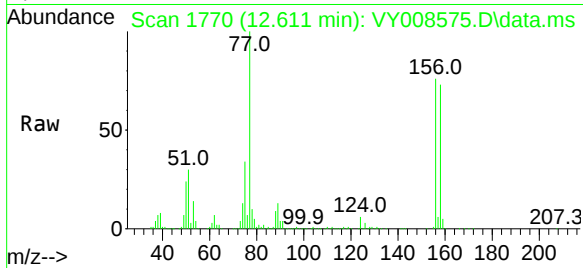




#77
Bromobenzene
Concen: 101.305 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

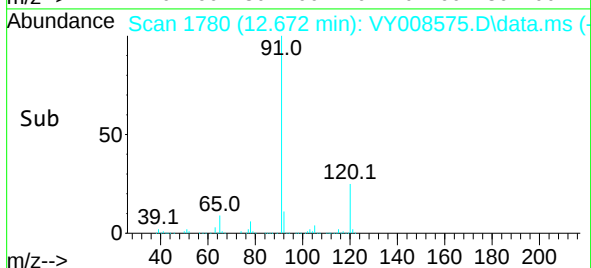
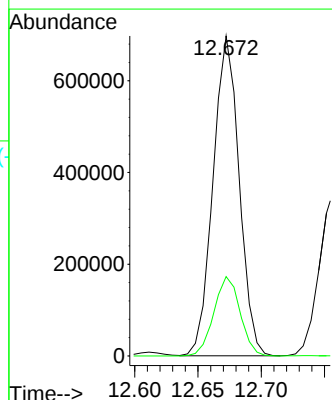
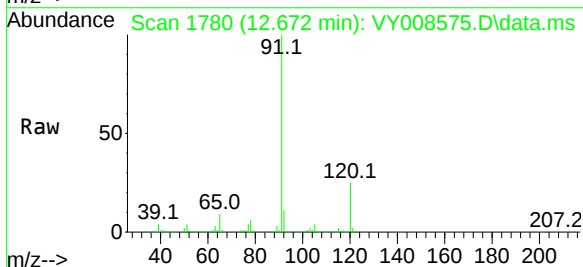
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

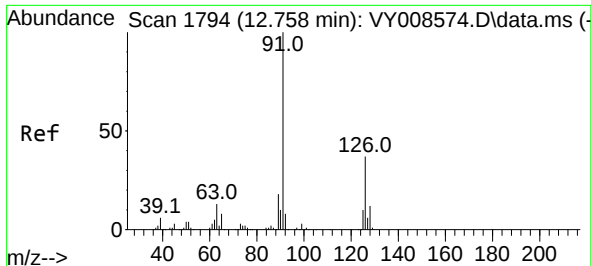
Tgt Ion:156 Resp: 225232
Ion Ratio Lower Upper
156 100
77 154.7 95.5 286.4
158 96.0 48.0 144.0



#78
n-propylbenzene
Concen: 102.000 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 91 Resp: 1000195
Ion Ratio Lower Upper
91 100
120 24.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 102.267 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

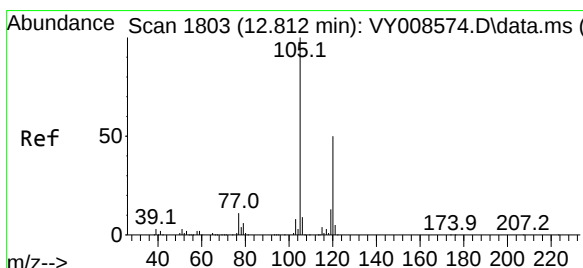
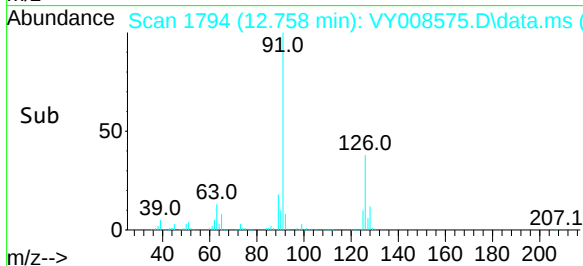
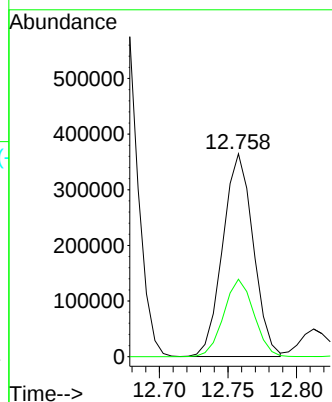
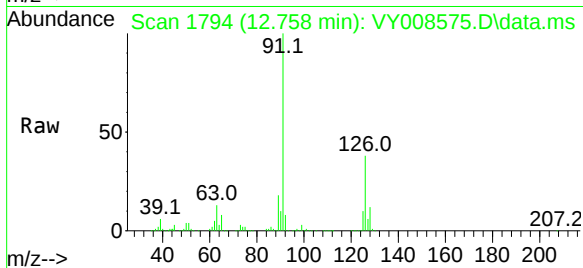
VSTDIC100

Tgt Ion: 91 Resp: 564609

Ion Ratio Lower Upper

91 100

126 37.8 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 102.552 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008575.D

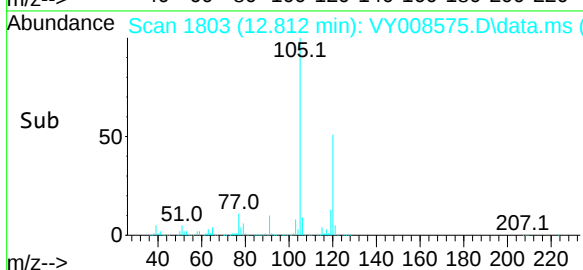
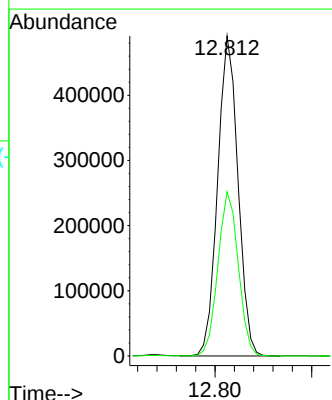
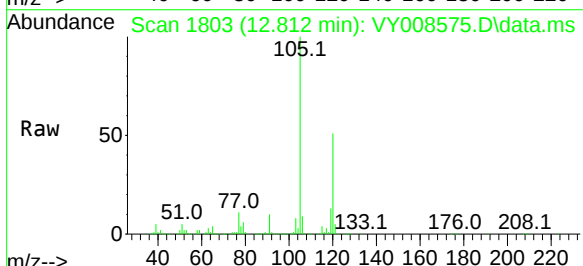
Acq: 02 May 2022 16:42

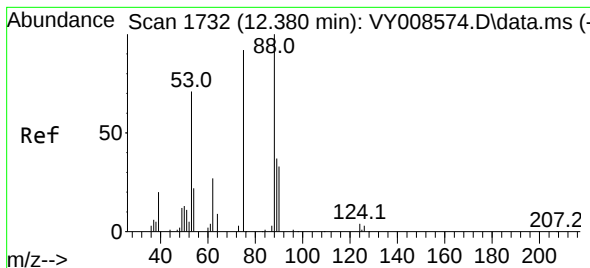
Tgt Ion:105 Resp: 713968

Ion Ratio Lower Upper

105 100

120 51.5 24.4 73.4

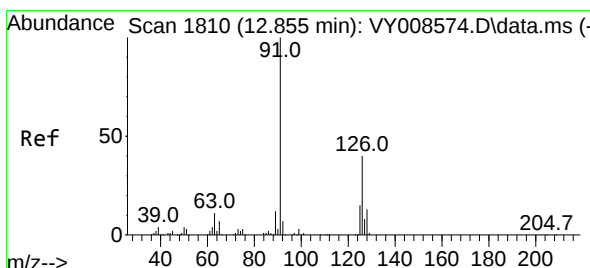
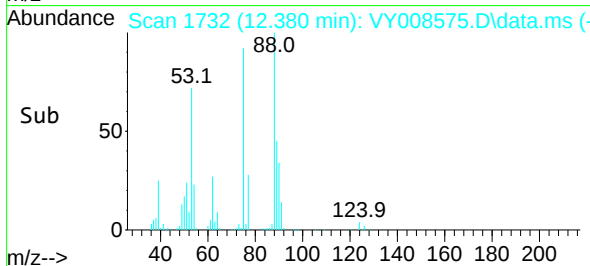
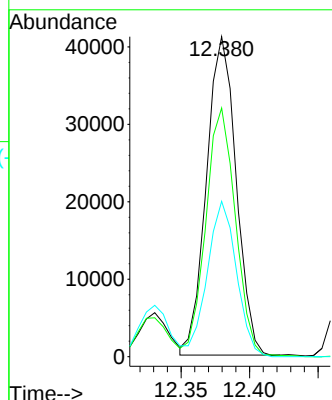
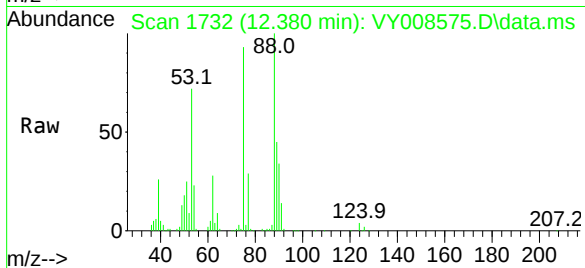




#81
trans-1,4-Dichloro-2-butene
Concen: 108.974 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

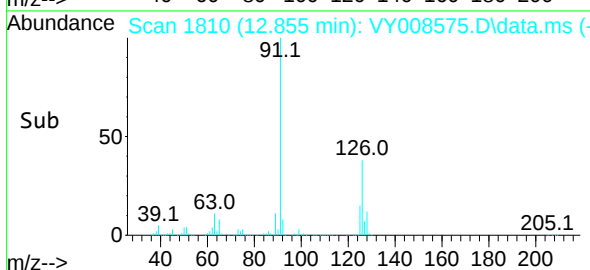
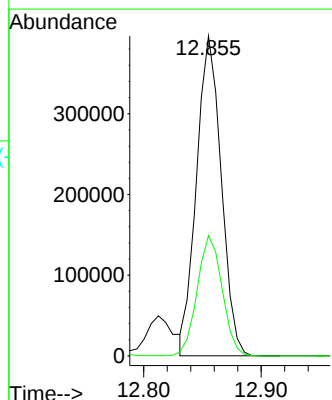
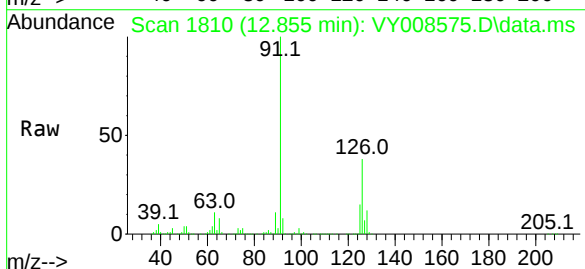
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

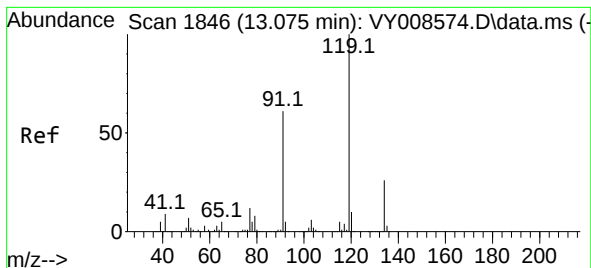
Tgt Ion: 75 Resp: 61976
Ion Ratio Lower Upper
75 100
53 78.2 85.3 127.9#
89 47.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 101.427 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 91 Resp: 576838
Ion Ratio Lower Upper
91 100
126 38.1 17.0 51.0





#83

tert-Butylbenzene

Concen: 101.447 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

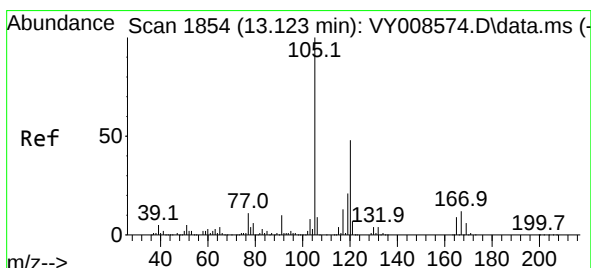
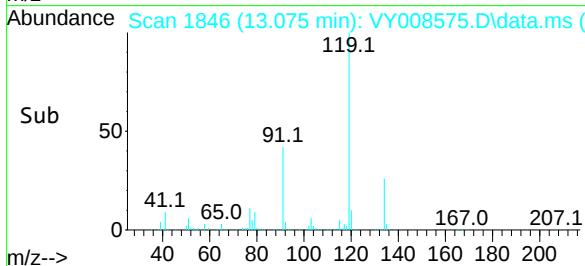
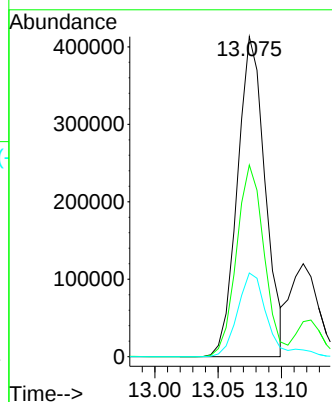
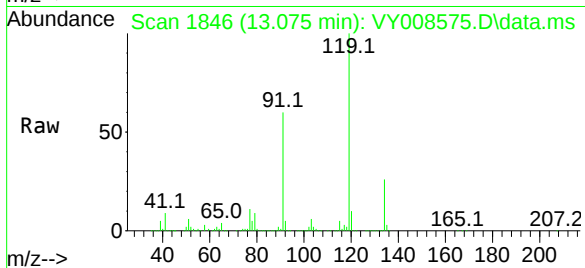
Tgt Ion:119 Resp: 632591

Ion Ratio Lower Upper

119 100

91 59.9 34.8 104.4

134 28.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 102.091 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008575.D

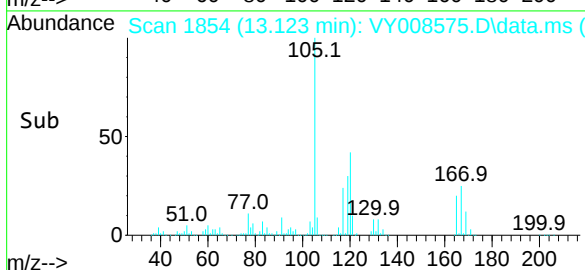
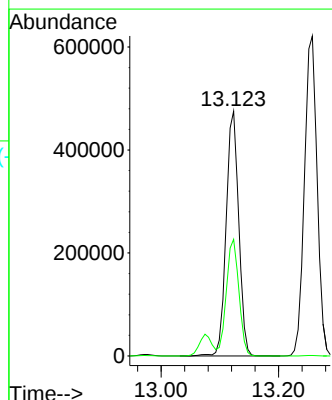
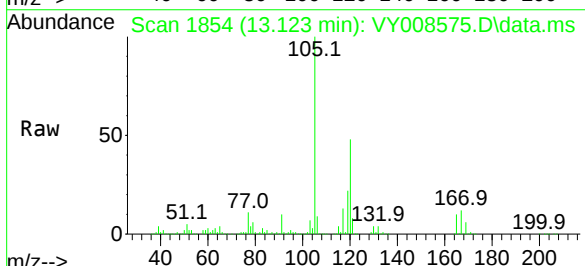
Acq: 02 May 2022 16:42

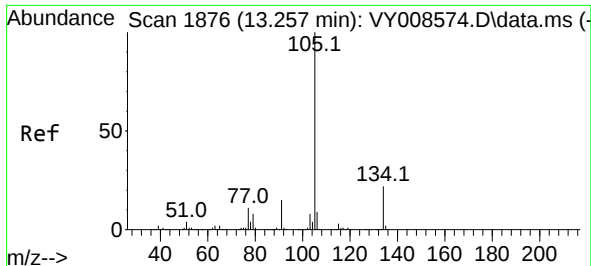
Tgt Ion:105 Resp: 706455

Ion Ratio Lower Upper

105 100

120 47.6 22.3 66.9

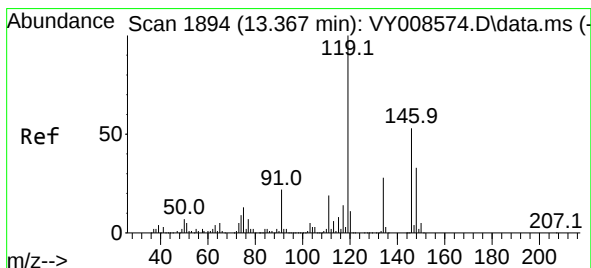
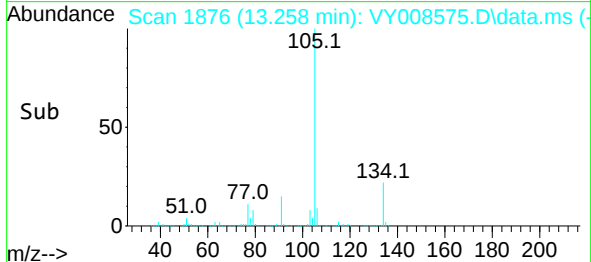
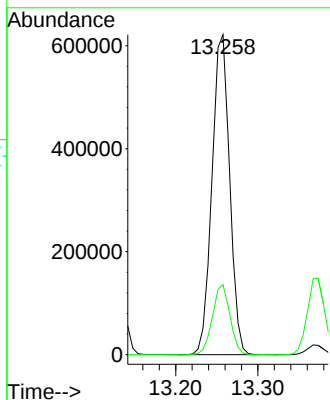
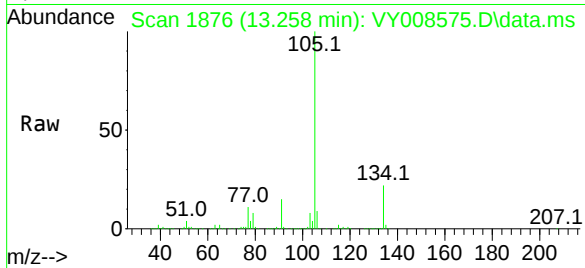




#85
 sec-Butylbenzene
 Concen: 100.975 ug/l
 RT: 13.258 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY008575.D
 Acq: 02 May 2022 16:42

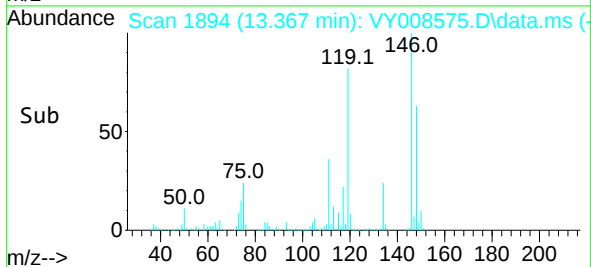
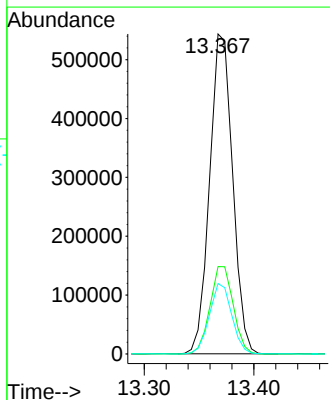
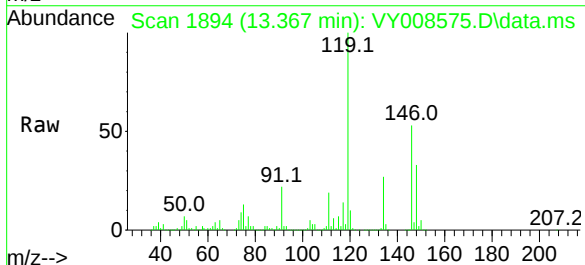
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

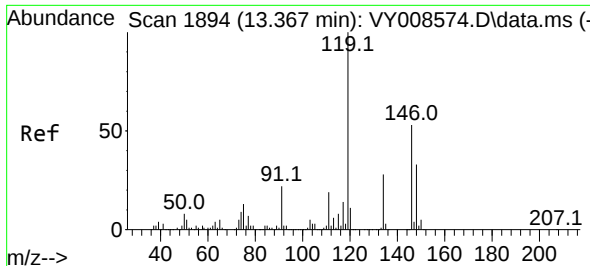
Tgt Ion:105 Resp: 927951
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 101.593 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008575.D
 Acq: 02 May 2022 16:42

Tgt Ion:119 Resp: 792644
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.2 39.5
 91 21.4 12.4 37.2

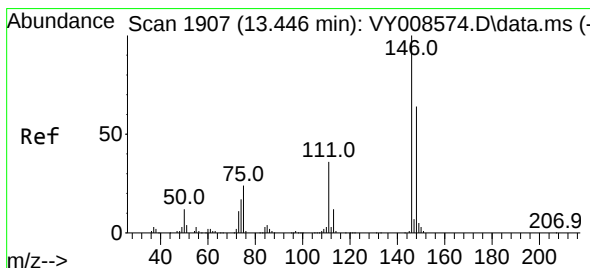
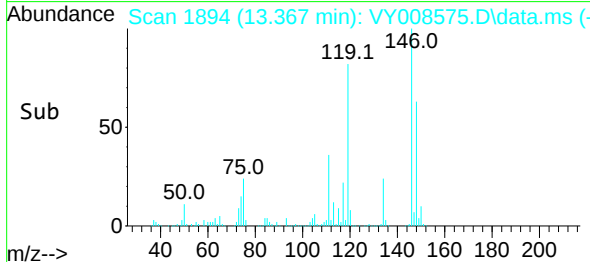
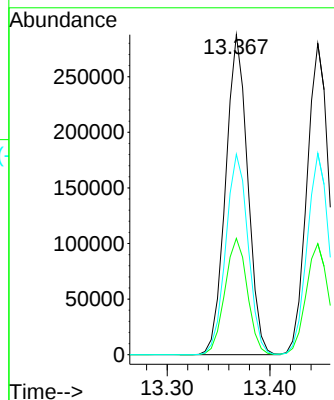
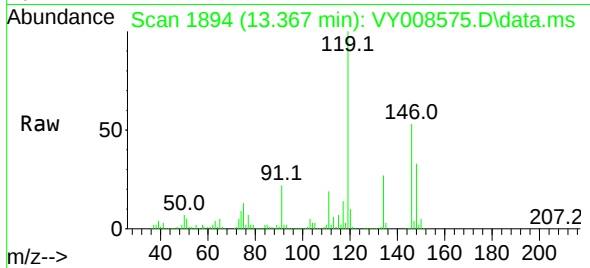




#87
1,3-Dichlorobenzene
Concen: 99.784 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

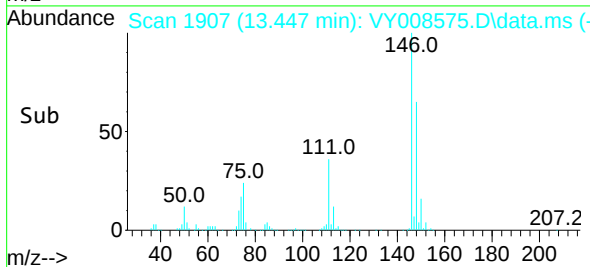
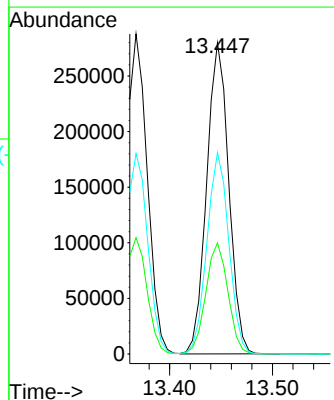
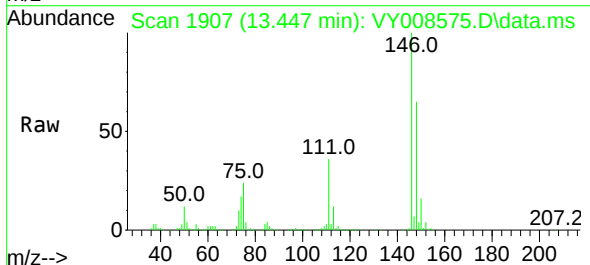
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

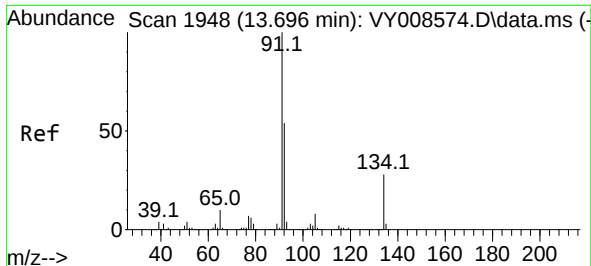
Tgt Ion:146 Resp: 429060
Ion Ratio Lower Upper
146 100
111 37.0 19.5 58.5
148 63.7 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 98.524 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion:146 Resp: 417873
Ion Ratio Lower Upper
146 100
111 35.7 19.3 57.8
148 64.1 32.6 97.8





#89

n-Butylbenzene

Concen: 100.650 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY008575.D

Acq: 02 May 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

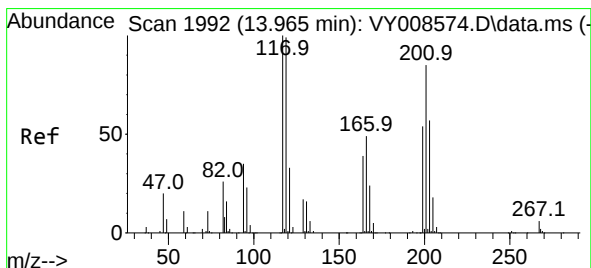
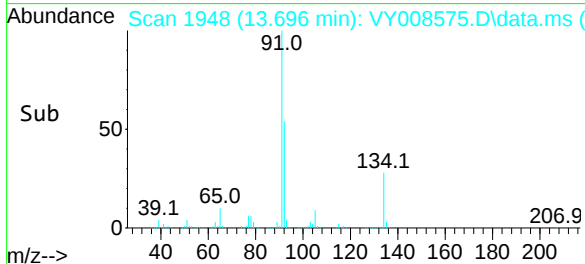
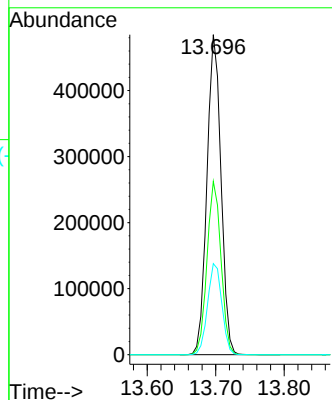
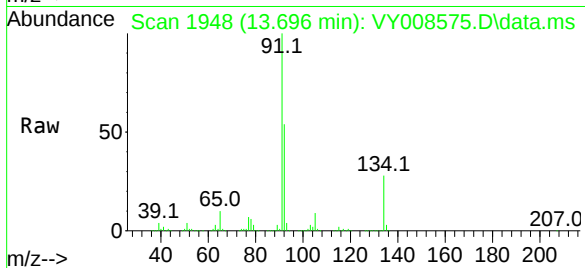
Tgt Ion: 91 Resp: 691710

Ion Ratio Lower Upper

91 100

92 53.8 26.3 78.9

134 29.0 13.0 38.9



#90

Hexachloroethane

Concen: 101.123 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY008575.D

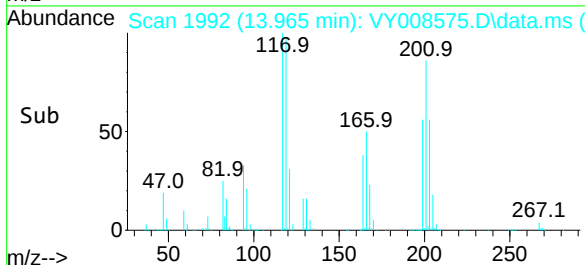
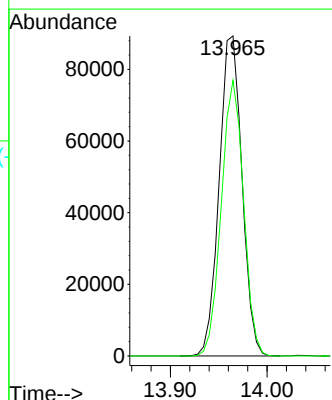
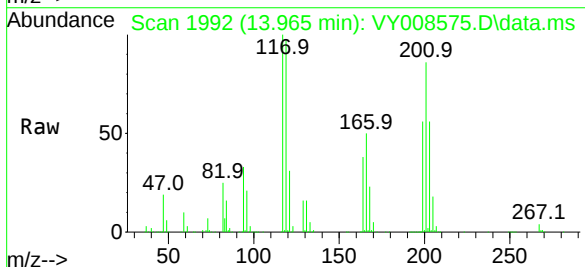
Acq: 02 May 2022 16:42

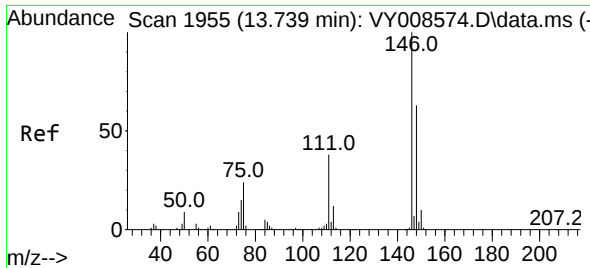
Tgt Ion: 117 Resp: 146122

Ion Ratio Lower Upper

117 100

201 83.8 43.0 128.8

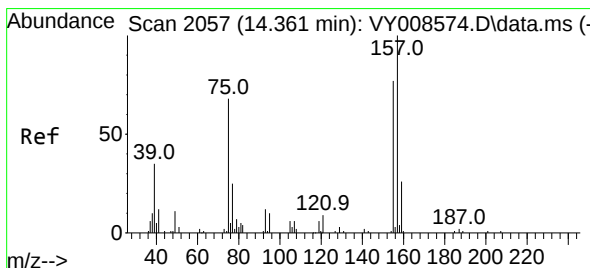
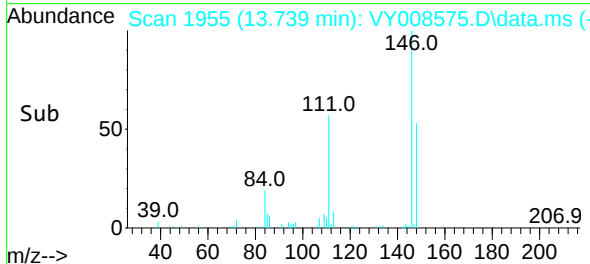
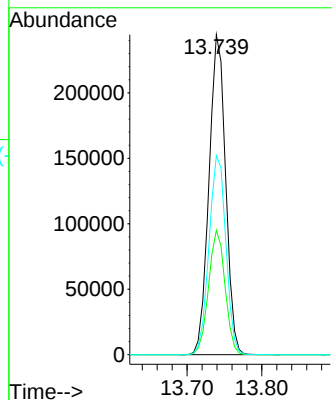
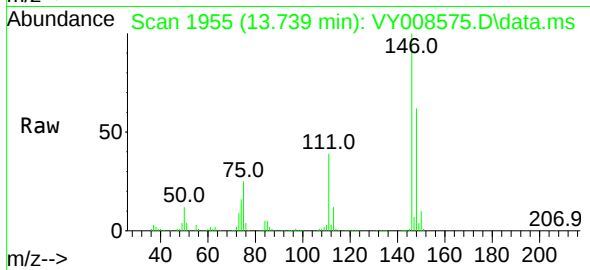




#91
1,2-Dichlorobenzene
Concen: 98.254 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

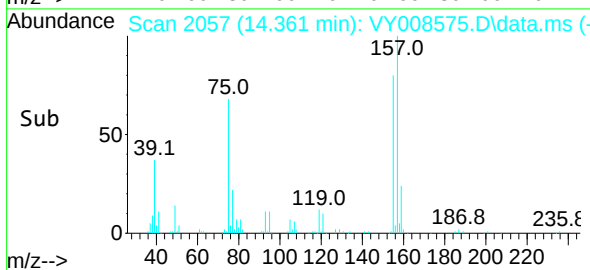
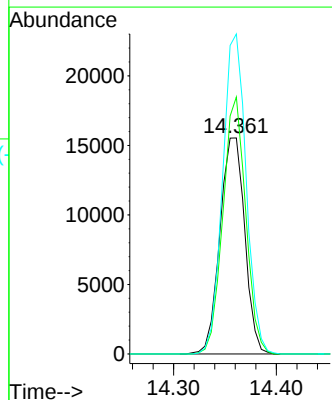
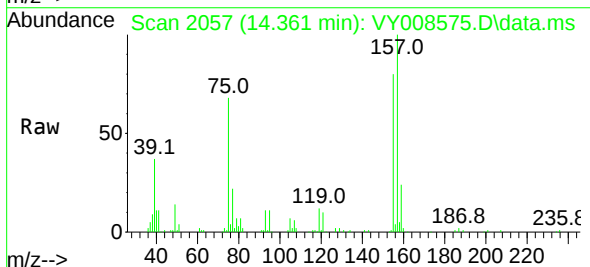
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

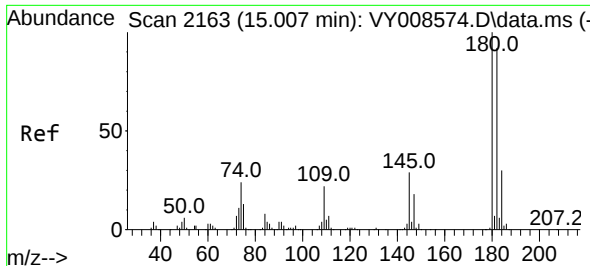
Tgt Ion:146 Resp: 377026
Ion Ratio Lower Upper
146 100
111 38.6 20.3 60.9
148 63.4 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 100.280 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion: 75 Resp: 26024
Ion Ratio Lower Upper
75 100
155 109.3 38.0 113.9
157 140.3 47.8 143.3

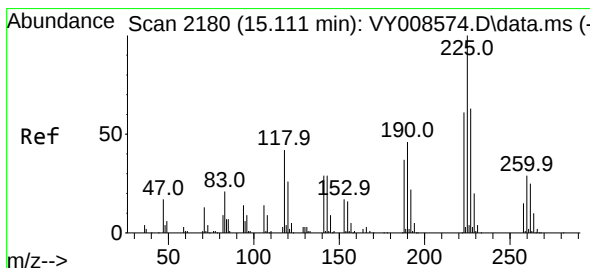
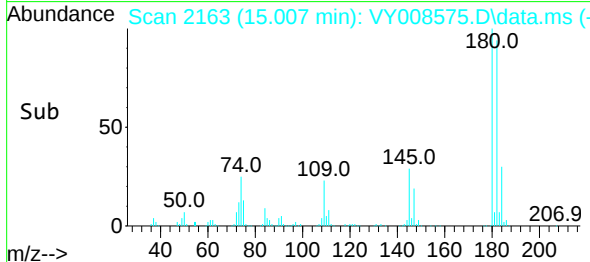
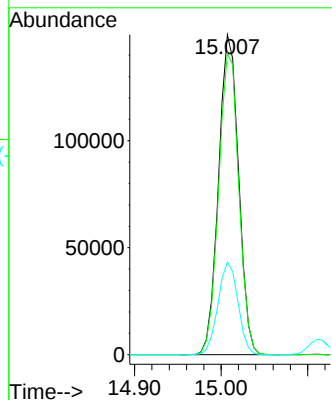
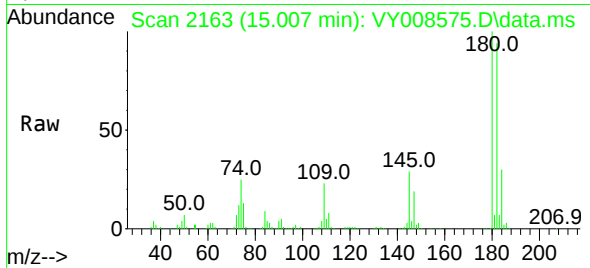




#93
1,2,4-Trichlorobenzene
Concen: 98.028 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

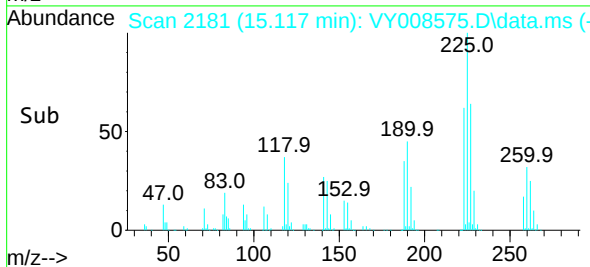
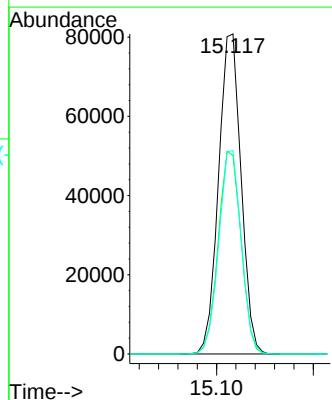
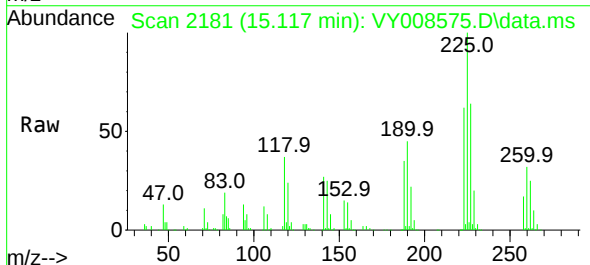
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

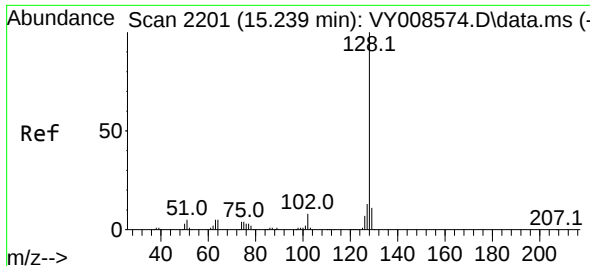
Tgt Ion:180 Resp: 240020
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 28.9 14.6 43.8



#94
Hexachlorobutadiene
Concen: 94.310 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion:225 Resp: 130408
Ion Ratio Lower Upper
225 100
223 64.0 30.8 92.3
227 63.6 31.6 94.7

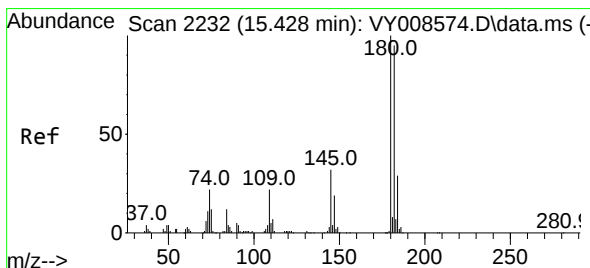
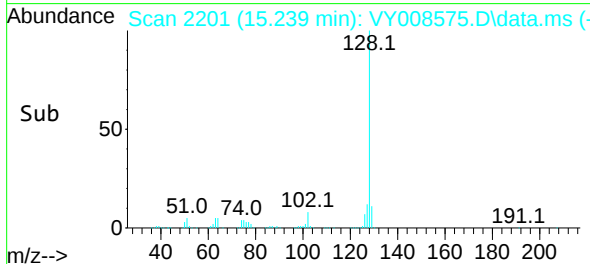
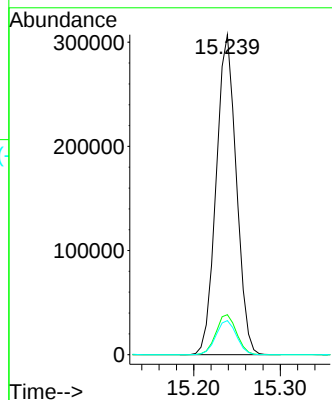
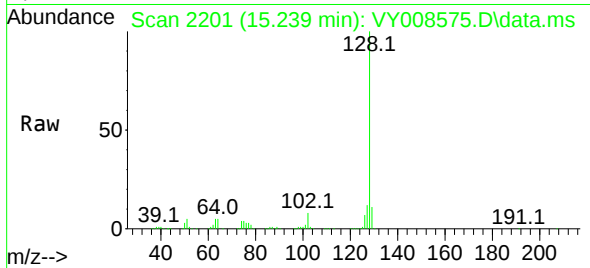




#95
Naphthalene
Concen: 101.094 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 496369
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 97.004 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY008575.D
Acq: 02 May 2022 16:42

Tgt Ion:180 Resp: 210809
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 30.6 15.3 45.9

