

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032522\
 Data File : VY008031.D
 Acq On : 25 Mar 2022 17:23
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 25 17:56:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 17:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	186521	70.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.760%	
35) Dibromofluoromethane	7.716	113	206707	96.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 193.720%#	
50) Toluene-d8	10.179	98	769503	99.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 198.680%#	
62) 4-Bromofluorobenzene	12.483	95	261546	89.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 178.240%#	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.906	85	179077	79.671	ug/l	98
3) Chloromethane	2.113	50	196853	65.080	ug/l	96
4) Vinyl Chloride	2.247	62	272522	77.290	ug/l	98
5) Bromomethane	2.637	94	210835	74.138	ug/l	99
6) Chloroethane	2.790	64	176916	76.879	ug/l	98
7) Trichlorofluoromethane	3.119	101	350523	82.040	ug/l	96
8) Diethyl Ether	3.528	74	112957	67.423	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.893	101	217035	82.016	ug/l	92
10) Methyl Iodide	4.088	142	267666	97.304	ug/l	91
11) Tert butyl alcohol	4.954	59	93485	288.719	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	202498	79.353	ug/l	81
13) Acrolein	3.729	56	70303	254.439	ug/l	97
14) Allyl chloride	4.473	41	262396	62.558	ug/l #	90
15) Acrylonitrile	5.161	53	257865	282.673	ug/l	98
16) Acetone	3.948	43	213146	274.810	ug/l #	85
17) Carbon Disulfide	4.192	76	579839	74.202	ug/l	100
18) Methyl Acetate	4.473	43	107526	45.128	ug/l #	79
19) Methyl tert-butyl Ether	5.216	73	565464	67.376	ug/l	93
20) Methylene Chloride	4.716	84	219793	59.471	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	236894	78.405	ug/l #	81
22) Diisopropyl ether	6.119	45	554642	61.199	ug/l #	88
23) Vinyl Acetate	6.058	43	1814277	294.144	ug/l #	83
24) 1,1-Dichloroethane	6.015	63	372543	72.242	ug/l	97
25) 2-Butanone	6.984	43	316138	267.360	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	362665	78.270	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	271302	77.272	ug/l	80
28) Bromochloromethane	7.332	49	99432	54.251	ug/l #	62
29) Tetrahydrofuran	7.344	42	203190	259.396	ug/l #	71
30) Chloroform	7.502	83	405532	74.043	ug/l	99
31) Cyclohexane	7.783	56	330362	68.130	ug/l #	82
32) 1,1,1-Trichloroethane	7.698	97	383048	81.467	ug/l	93
36) 1,1-Dichloropropene	7.917	75	313580	86.787	ug/l	94
37) Ethyl Acetate	7.070	43	141511	60.124	ug/l #	89
38) Carbon Tetrachloride	7.899	117	354020	96.612	ug/l	99
39) Methylcyclohexane	9.179	83	424913	90.470	ug/l #	83
40) Benzene	8.161	78	893746	84.320	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	190882	72.660	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	243942	74.622	ug/l	88
43) Isopropyl Acetate	8.271	43	275336	62.532	ug/l #	83
44) Trichloroethene	8.941	130	266825	94.006	ug/l	98
45) 1,2-Dichloropropane	9.216	63	209078	77.251	ug/l	96
46) Dibromomethane	9.301	93	137350	78.834	ug/l	97
47) Bromodichloromethane	9.496	83	320185	83.227	ug/l	99
48) Methyl methacrylate	9.289	41	121896	63.793	ug/l #	77
49) 1,4-Dioxane	9.295	88	36842	1472.653	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	676300	300.636	ug/l #	82
52) Toluene	10.240	92	589373	87.366	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	329972	79.809	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	373095	80.884	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	192120	80.839	ug/l	97
56) Ethyl methacrylate	10.508	69	250774	73.794	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	312791	77.215	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	467922	324.750	ug/l #	86
59) 2-Hexanone	10.831	43	478019	300.780	ug/l	79
60) Dibromochloromethane	10.984	129	246668	90.175	ug/l	100
61) 1,2-Dibromoethane	11.087	107	195229	81.917	ug/l	100
64) Tetrachloroethene	10.715	164	224961	101.594	ug/l	97
65) Chlorobenzene	11.514	112	658210	92.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	250540	97.027	ug/l	98
67) Ethyl Benzene	11.593	91	1131010	90.921	ug/l	94
68) m/p-Xylenes	11.703	106	913938	188.274	ug/l	89
69) o-Xylene	12.026	106	438926	93.857	ug/l	88
70) Styrene	12.044	104	722393	92.610	ug/l	94
71) Bromoform	12.209	173	160311	97.601	ug/l #	99
73) Isopropylbenzene	12.331	105	1147026	94.281	ug/l	98
74) N-amyl acetate	12.142	43	230136	62.681	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	214069	75.647	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	267771	78.649	ug/l #	100
77) Bromobenzene	12.605	156	275971	95.784	ug/l	86
78) n-propylbenzene	12.672	91	1314268	89.436	ug/l	95
79) 2-Chlorotoluene	12.758	91	733140	87.342	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	935958	93.054	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	74410	76.125	ug/l #	79
82) 4-Chlorotoluene	12.855	91	745751	86.099	ug/l	93
83) tert-Butylbenzene	13.075	119	851478	97.875	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	905980	91.143	ug/l	95
85) sec-Butylbenzene	13.251	105	1212827	92.467	ug/l	97
86) p-Isopropyltoluene	13.367	119	1031729	96.098	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	539747	95.918	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	528547	93.757	ug/l	98
89) n-Butylbenzene	13.696	91	915822	89.169	ug/l	96
90) Hexachloroethane	13.959	117	203118	97.341	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	473120	92.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33339	72.277	ug/l	62
93) 1,2,4-Trichlorobenzene	15.007	180	298694	98.769	ug/l	99
94) Hexachlorobutadiene	15.111	225	154002	105.878	ug/l	98
95) Naphthalene	15.239	128	640939	87.028	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	256845	96.904	ug/l	99

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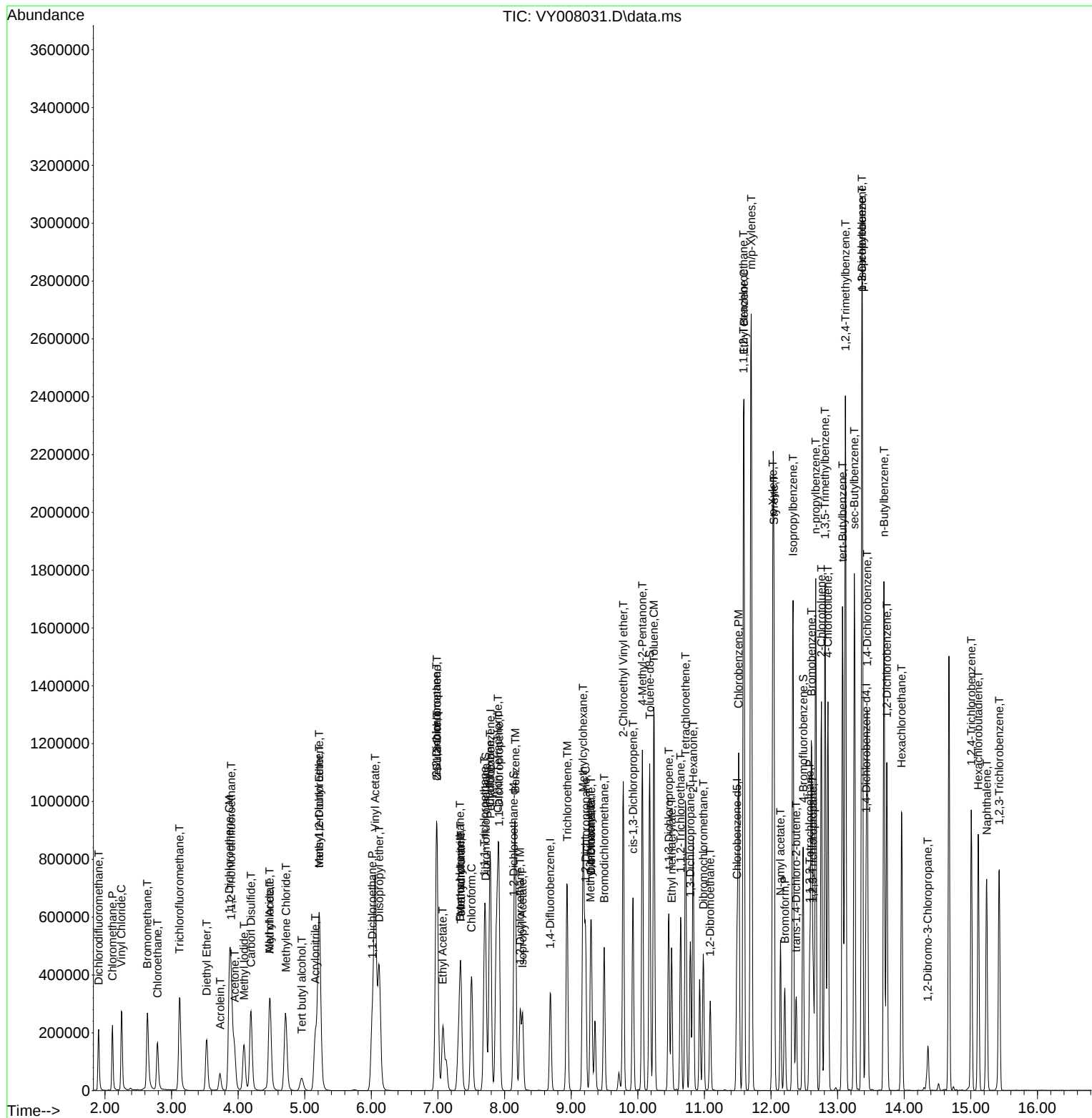
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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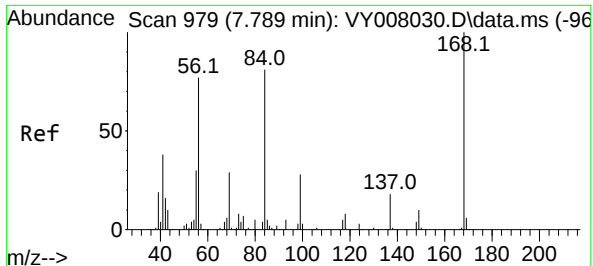
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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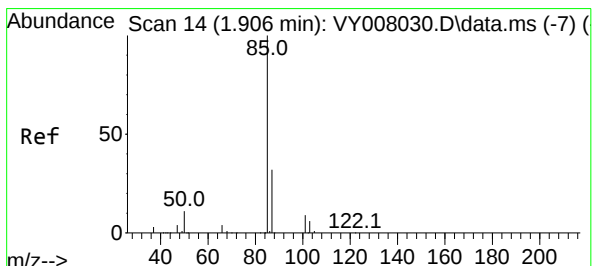
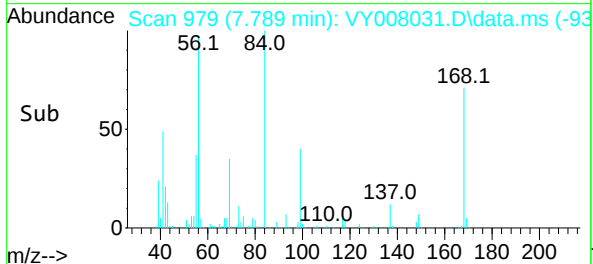
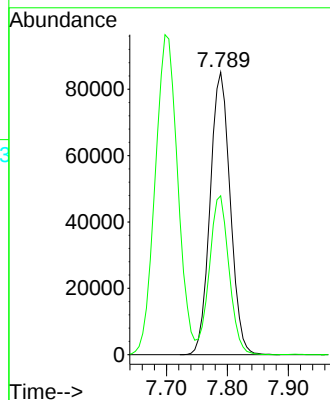
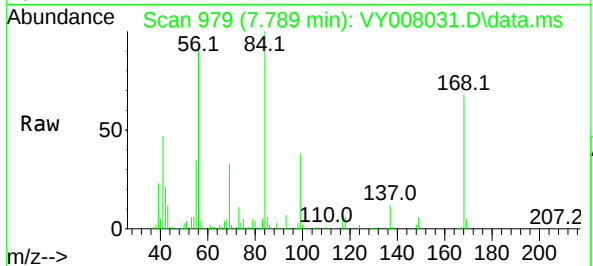




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008031.D
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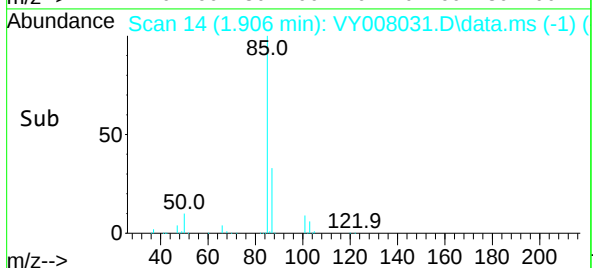
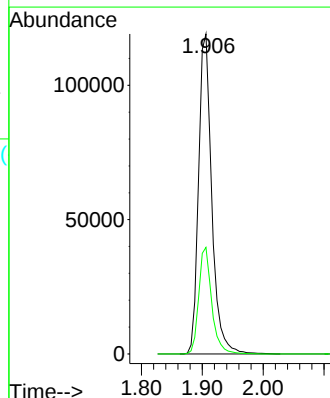
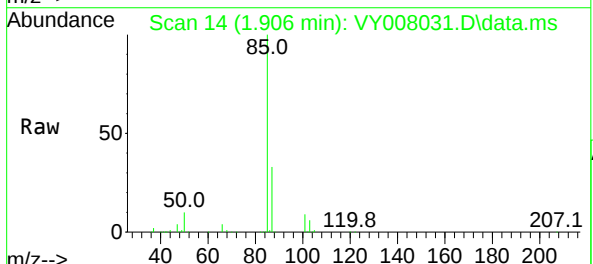
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

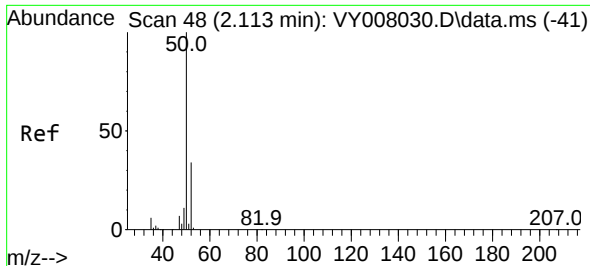
Tgt Ion:168 Resp: 194898
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 79.671 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 85 Resp: 179077
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2

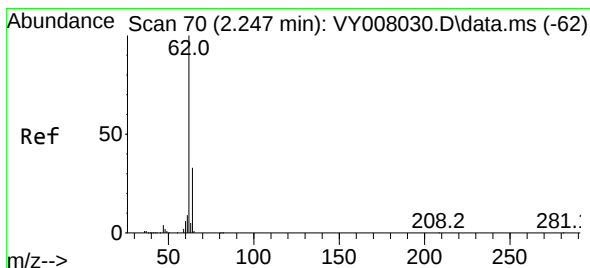
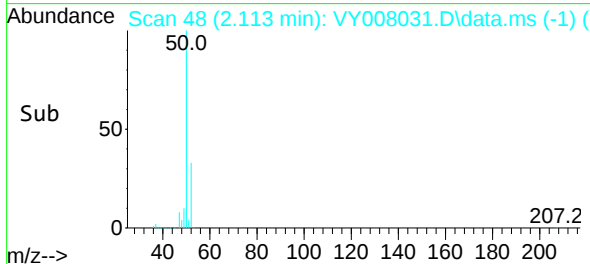
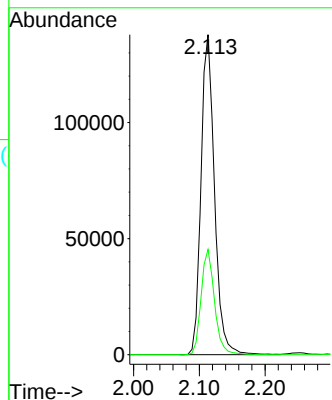
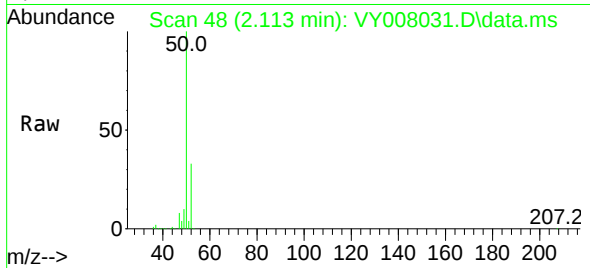




#3
Chloromethane
Concen: 65.080 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

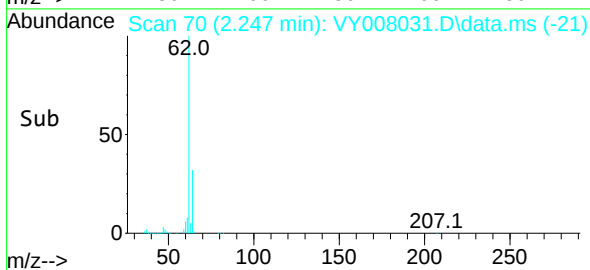
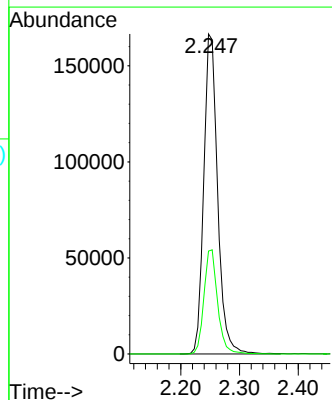
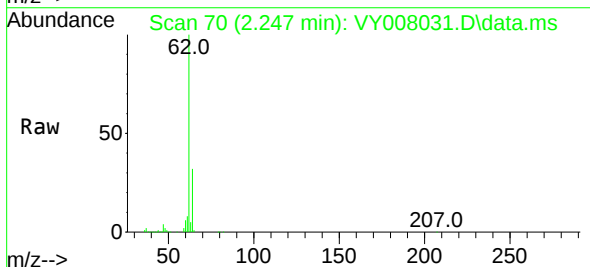
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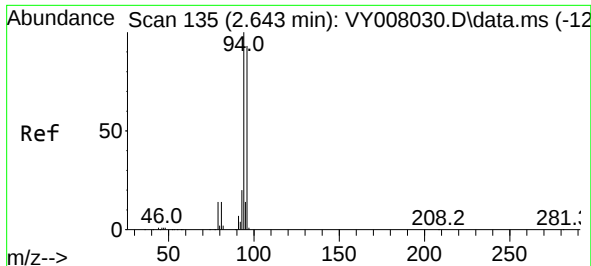
Tgt Ion: 50 Resp: 196853
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0



#4
Vinyl Chloride
Concen: 77.290 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 62 Resp: 272522
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6

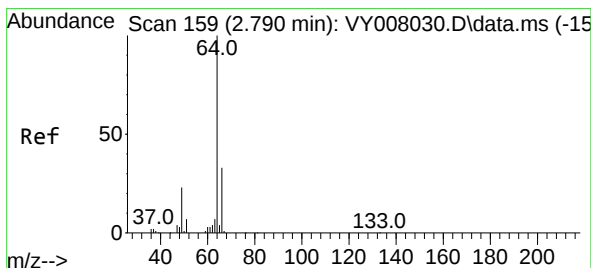
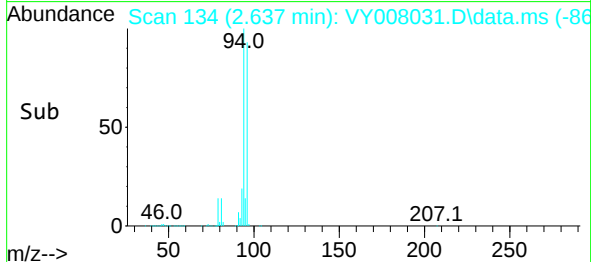
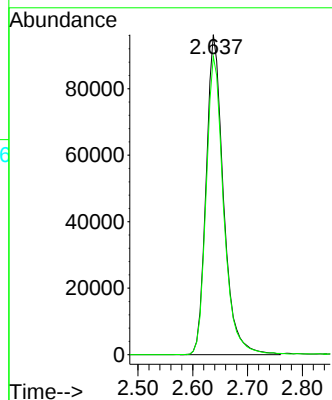
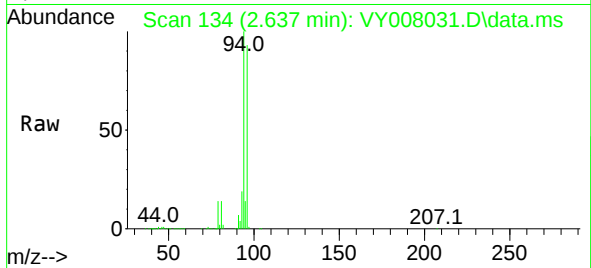




#5
Bromomethane
Concen: 74.138 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008031.D
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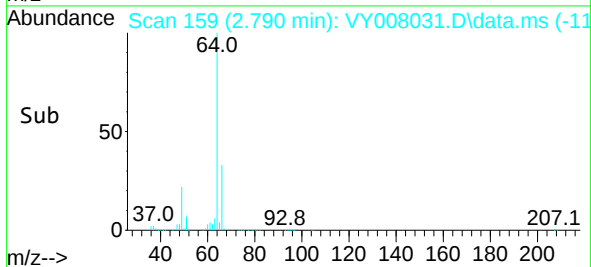
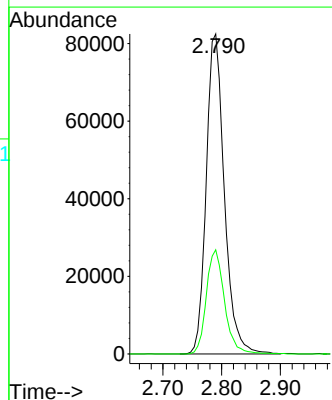
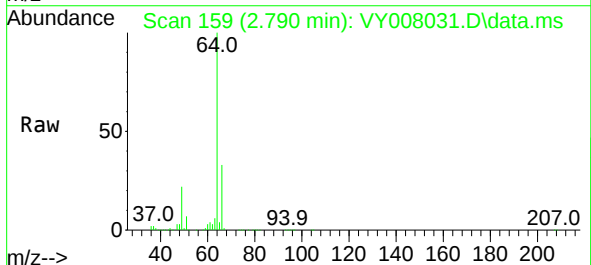
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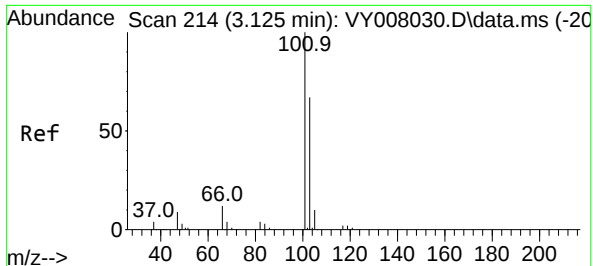
Tgt Ion: 94 Resp: 210835
Ion Ratio Lower Upper
94 100
96 93.1 73.5 110.3



#6
Chloroethane
Concen: 76.879 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 176916
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0

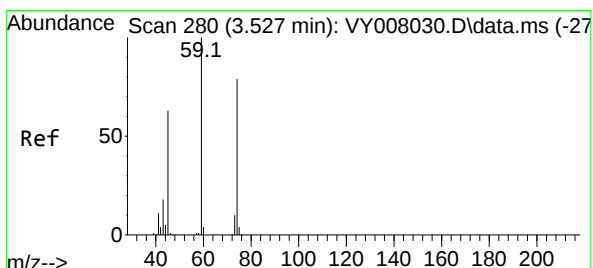
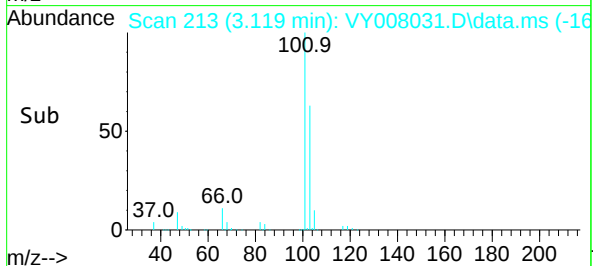
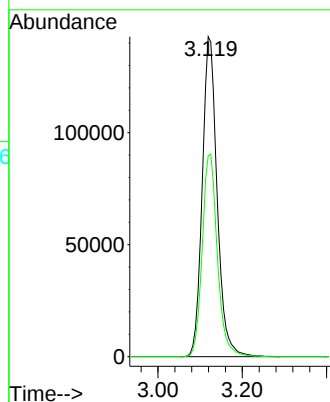
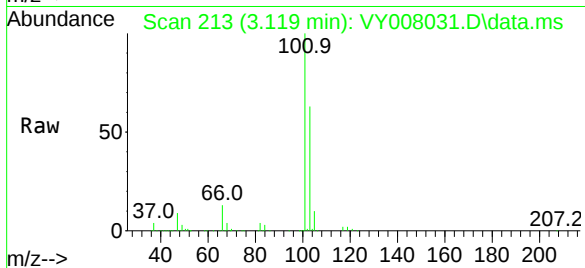




#7
Trichlorofluoromethane
Concen: 82.040 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

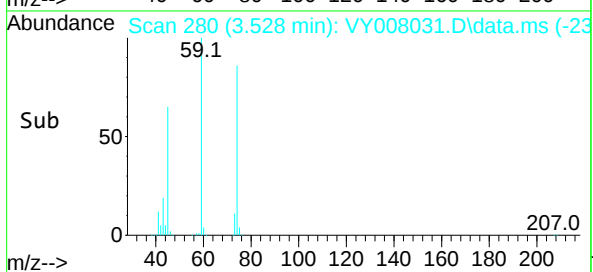
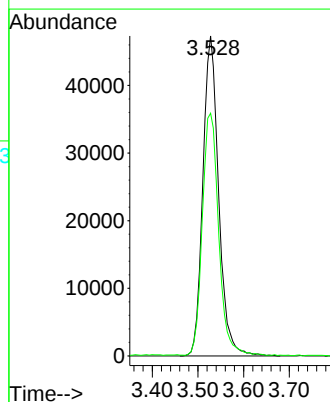
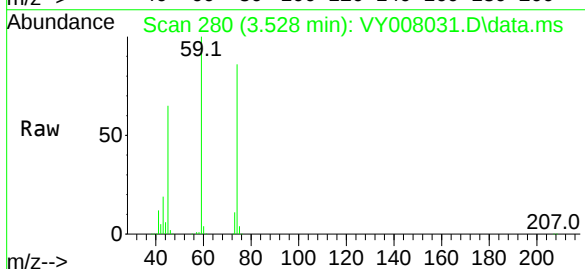
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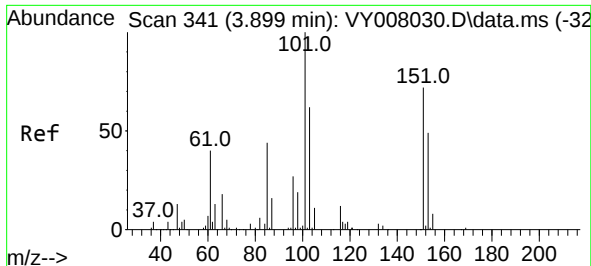
Tgt Ion:101 Resp: 350523
Ion Ratio Lower Upper
101 100
103 62.8 48.0 72.0



#8
Diethyl Ether
Concen: 67.423 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 74 Resp: 112957
Ion Ratio Lower Upper
74 100
45 78.6 55.1 165.5

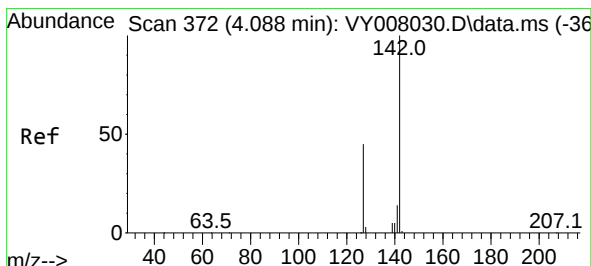
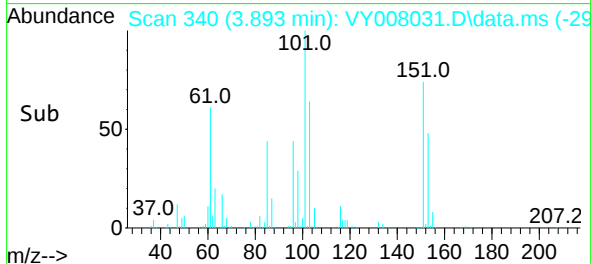
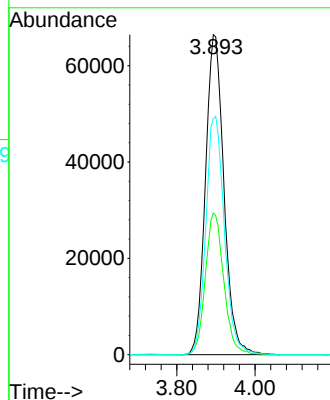
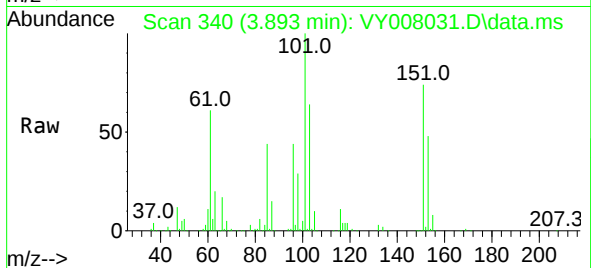




#9
1,1,2-Trichlorotrifluoroethane
Concen: 82.016 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

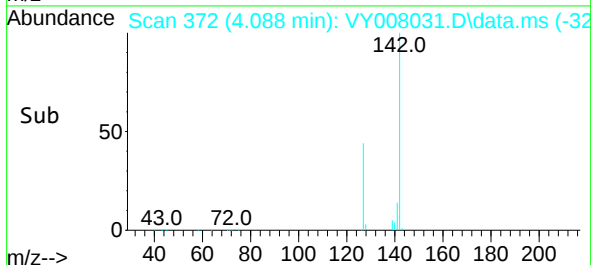
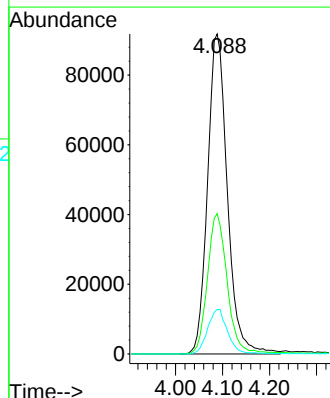
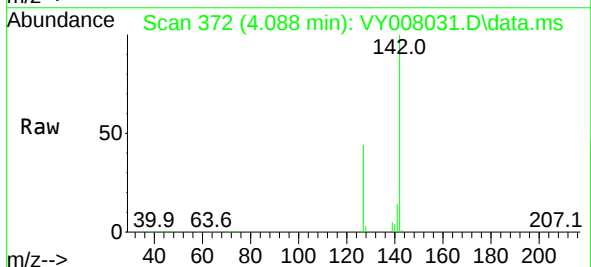
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

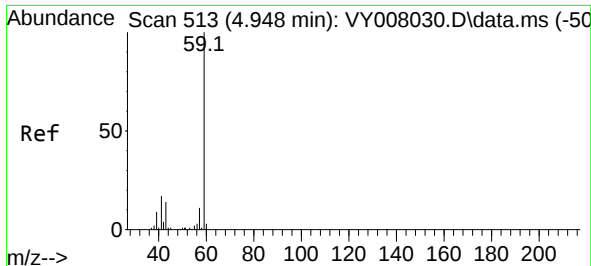
Tgt Ion:101 Resp: 217035
Ion Ratio Lower Upper
101 100
85 44.3 40.6 60.8
151 75.2 64.9 97.3



#10
Methyl Iodide
Concen: 97.304 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion:142 Resp: 267666
Ion Ratio Lower Upper
142 100
127 44.2 41.5 62.3
141 14.1 11.9 17.9

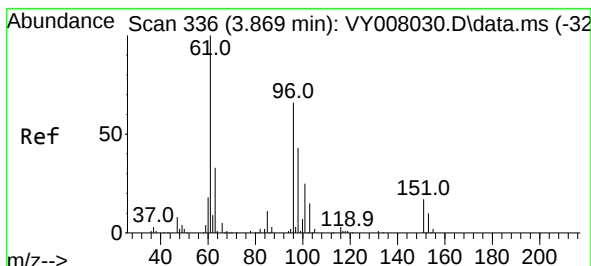
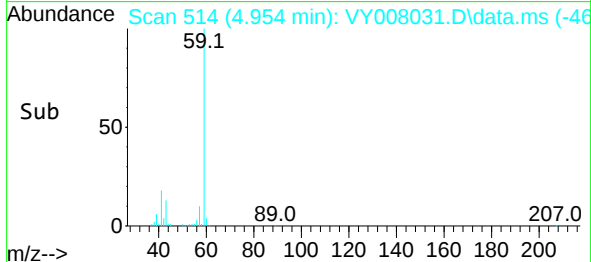
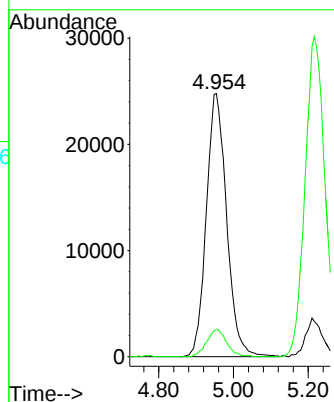
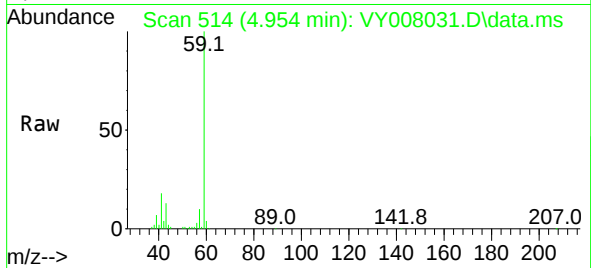




#11
Tert butyl alcohol
Concen: 288.719 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

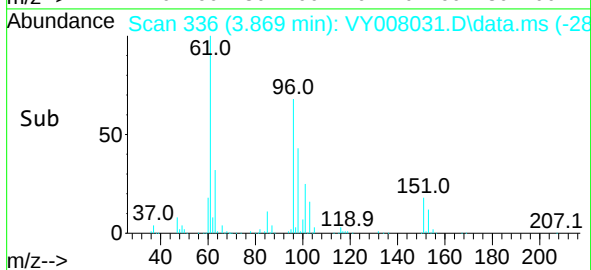
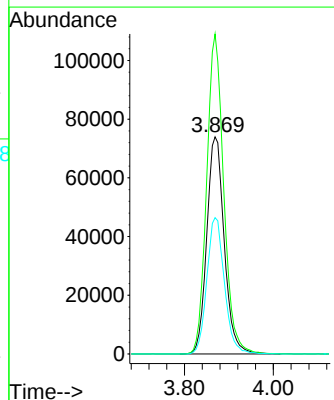
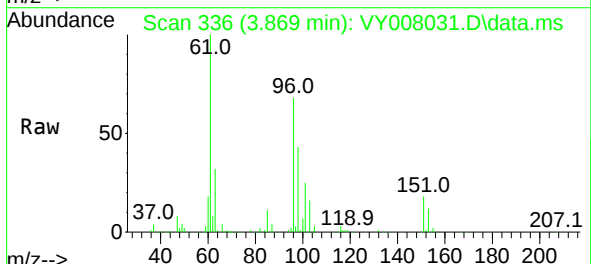
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

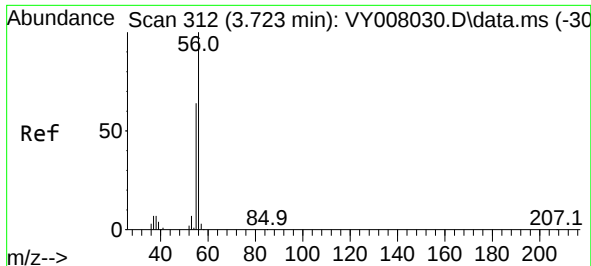
Tgt Ion: 59 Resp: 93485
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 79.353 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 96 Resp: 202498
Ion Ratio Lower Upper
96 100
61 147.3 145.8 218.6
98 62.8 52.5 78.7





#13

Acrolein

Concen: 254.439 ug/l

RT: 3.729 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

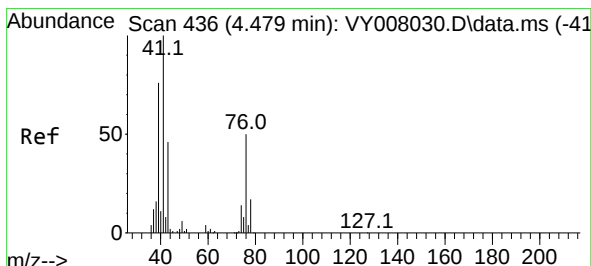
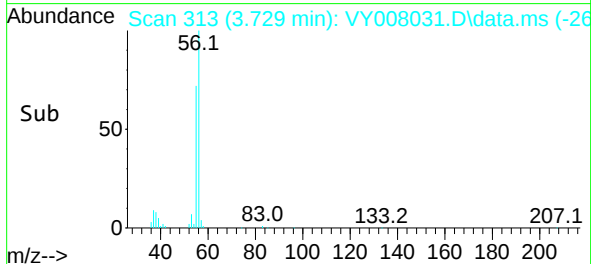
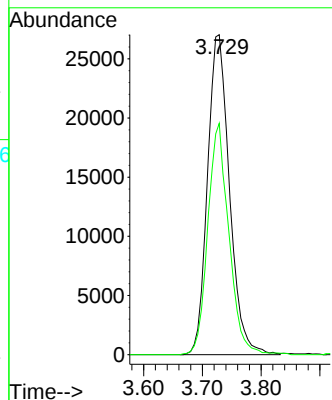
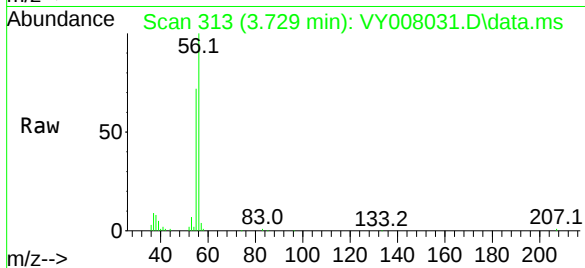
VSTDICC100

Tgt Ion: 56 Resp: 70303

Ion Ratio Lower Upper

56 100

55 69.5 57.6 86.4



#14

Allyl chloride

Concen: 62.558 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

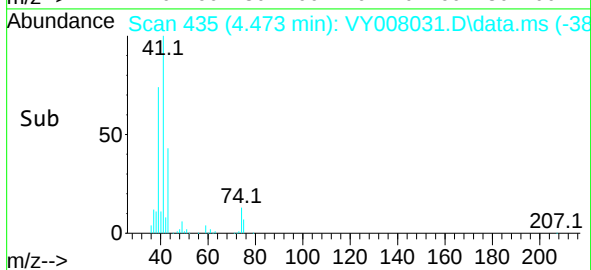
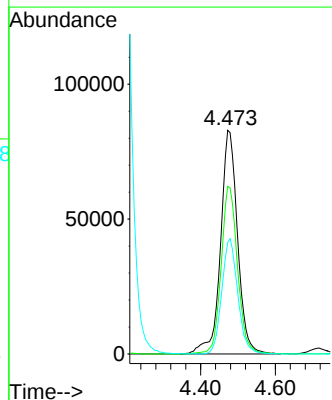
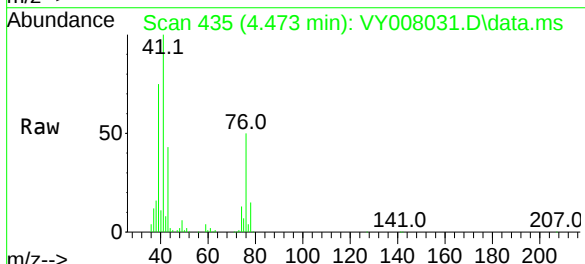
Tgt Ion: 41 Resp: 262396

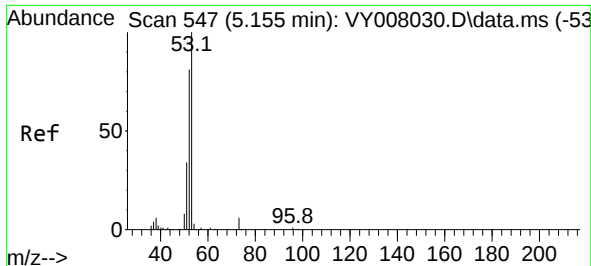
Ion Ratio Lower Upper

41 100

39 72.2 58.8 88.2

76 48.3 25.1 37.7#

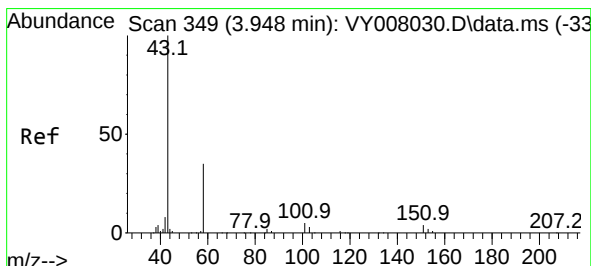
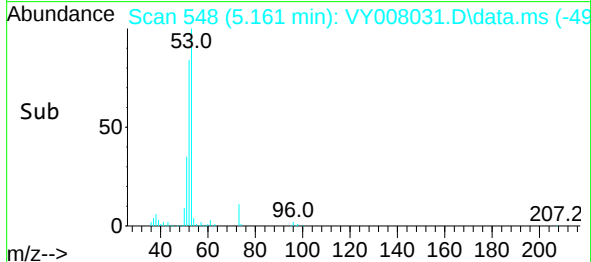
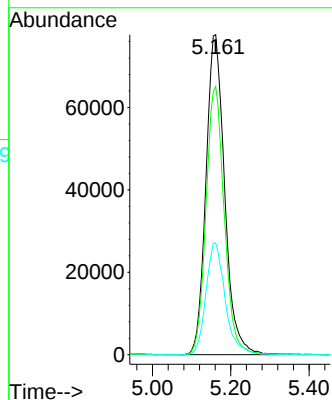
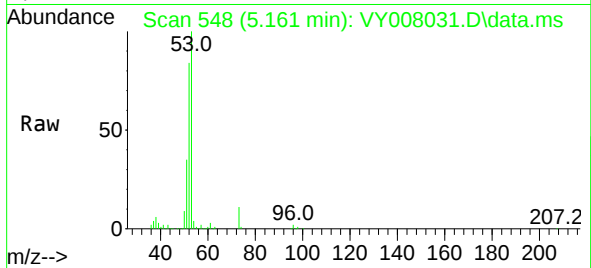




#15
Acrylonitrile
Concen: 282.673 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

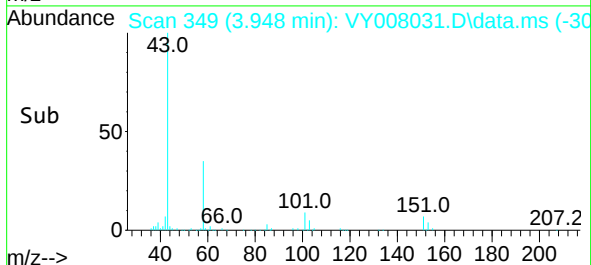
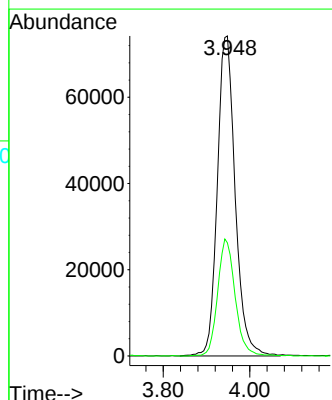
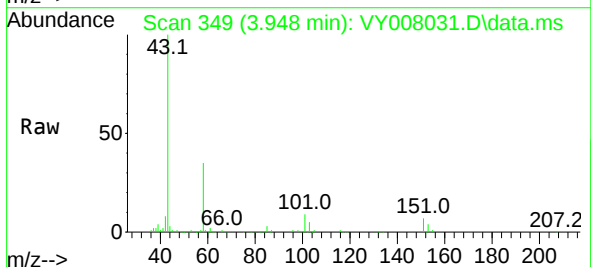
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

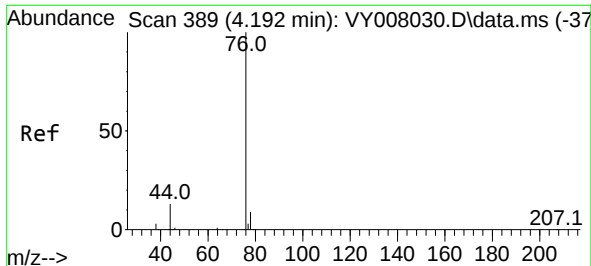
Tgt Ion: 53 Resp: 257865
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 274.810 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 43 Resp: 213146
Ion Ratio Lower Upper
43 100
58 35.3 22.0 33.0#

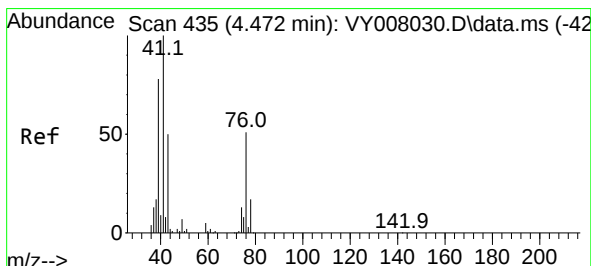
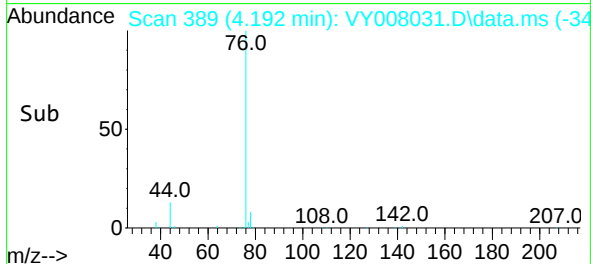
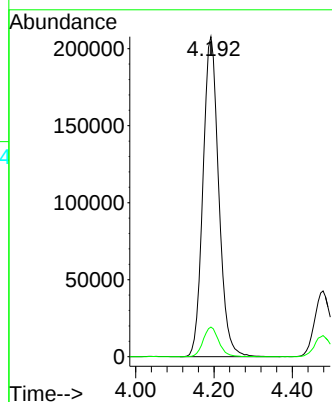
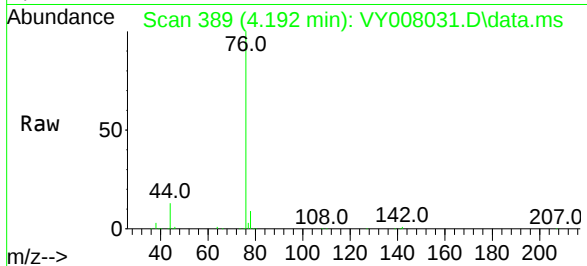




#17
Carbon Disulfide
Concen: 74.202 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

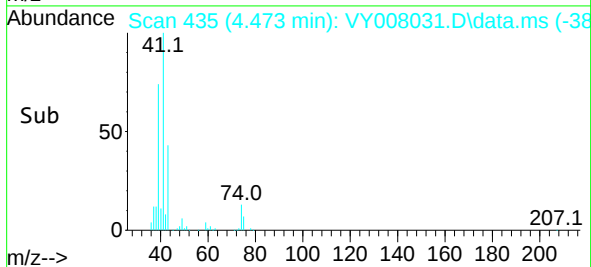
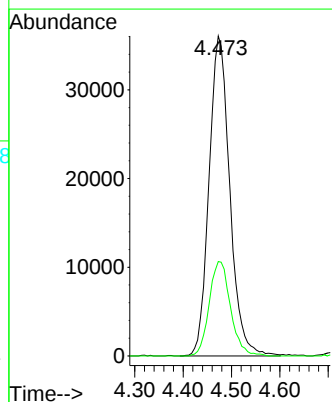
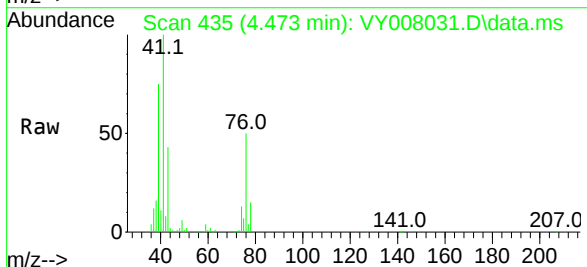
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

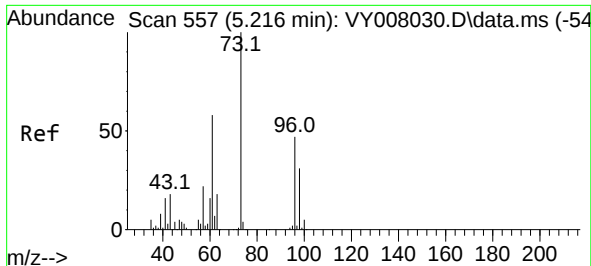
Tgt Ion: 76 Resp: 579839
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 45.128 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 43 Resp: 107526
Ion Ratio Lower Upper
43 100
74 30.3 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 67.376 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

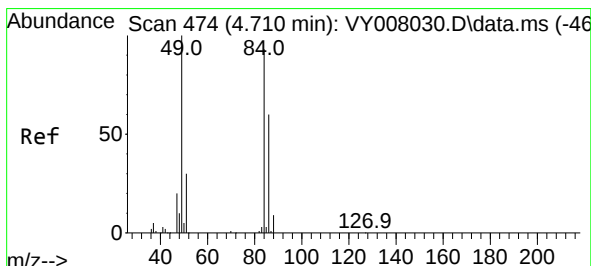
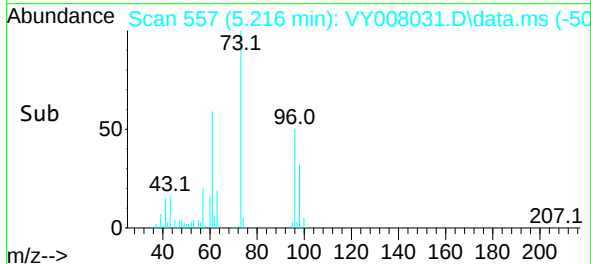
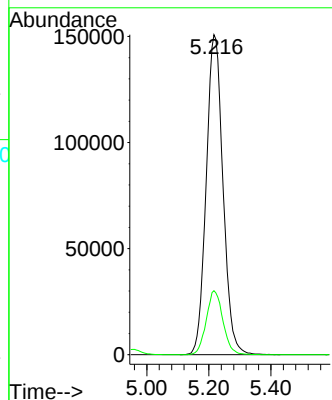
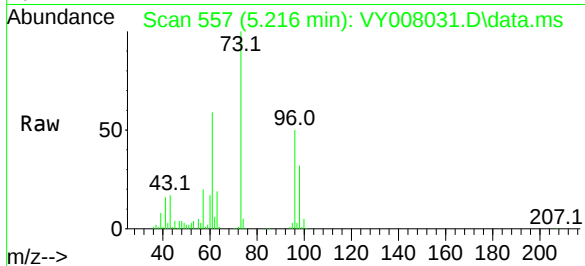
VSTDIC100

Tgt Ion: 73 Resp: 565464

Ion Ratio Lower Upper

73 100

57 20.0 18.6 27.8



#20

Methylene Chloride

Concen: 59.471 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Tgt Ion: 84 Resp: 219793

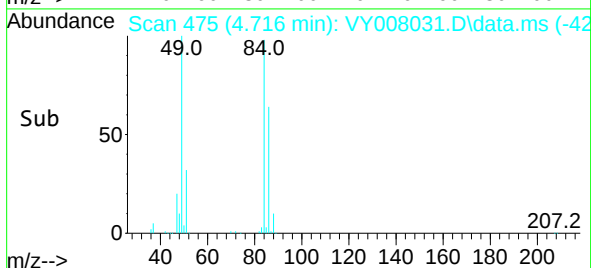
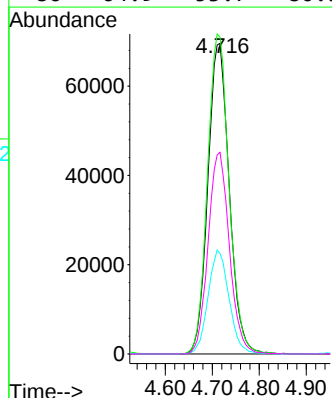
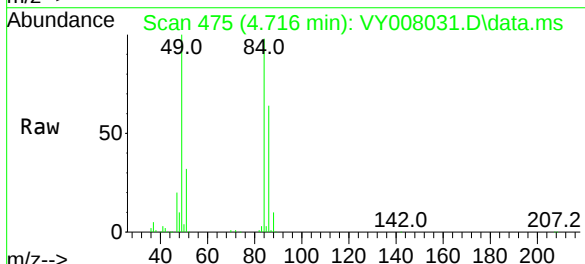
Ion Ratio Lower Upper

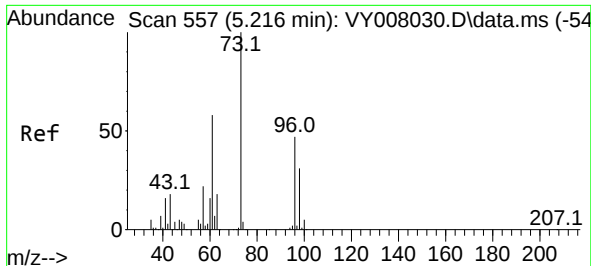
84 100

49 102.1 114.4 171.6#

51 32.3 35.3 52.9#

86 64.9 53.7 80.5

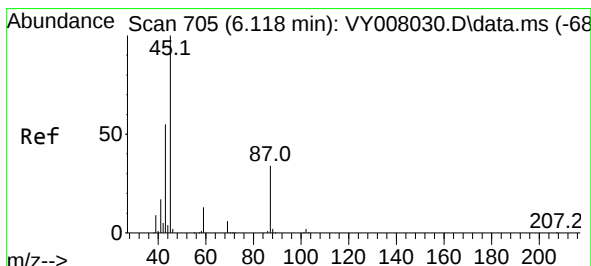
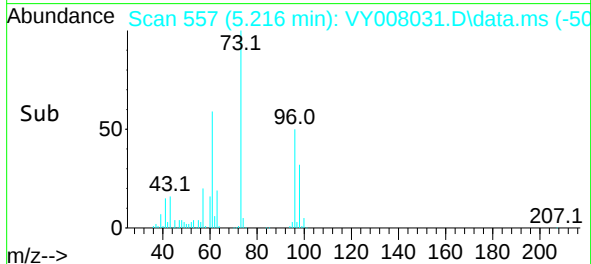
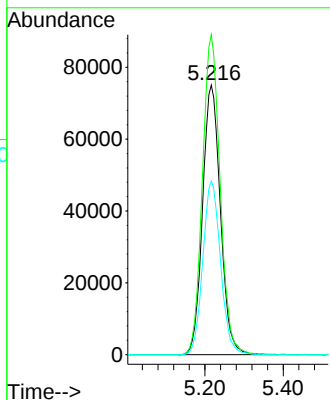
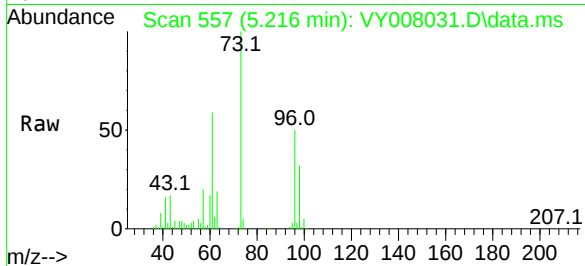




#21
trans-1,2-Dichloroethene
Concen: 78.405 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

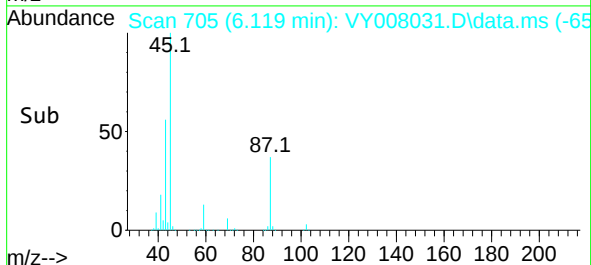
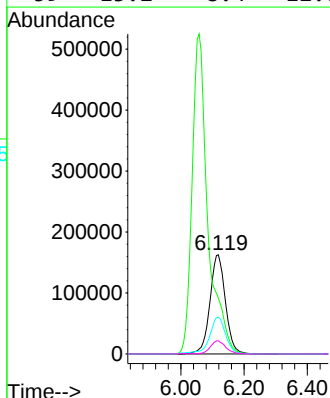
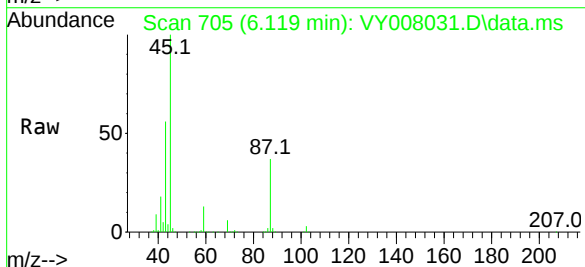
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

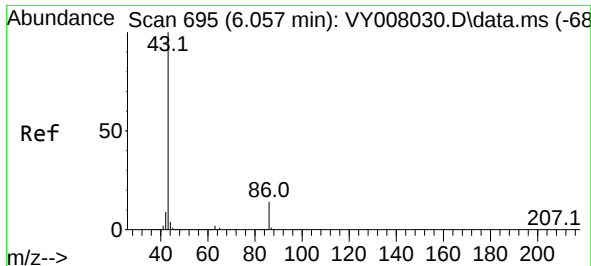
Tgt Ion: 96 Resp: 236894
Ion Ratio Lower Upper
96 100
61 118.7 120.5 180.7#
98 64.4 49.8 74.8



#22
Diisopropyl ether
Concen: 61.199 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 45 Resp: 554642
Ion Ratio Lower Upper
45 100
43 56.3 49.3 73.9
87 37.1 19.2 28.8#
59 13.2 8.4 12.6#

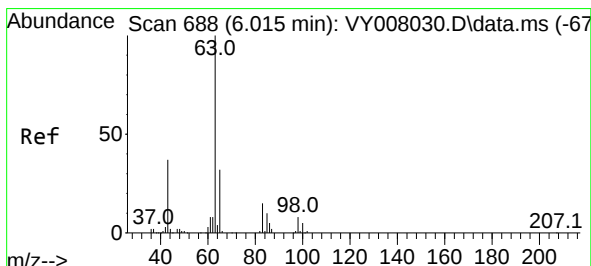
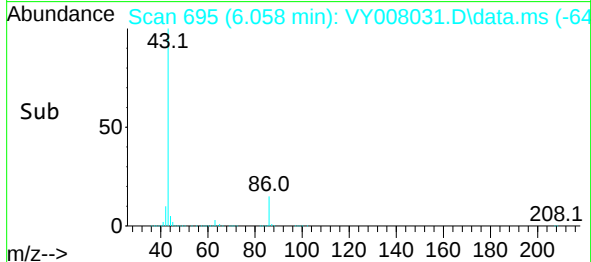
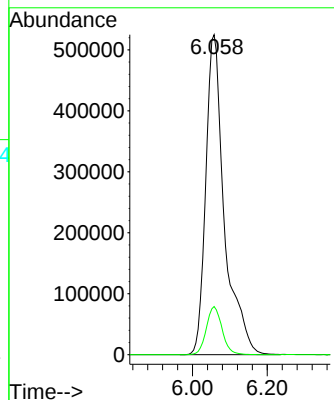
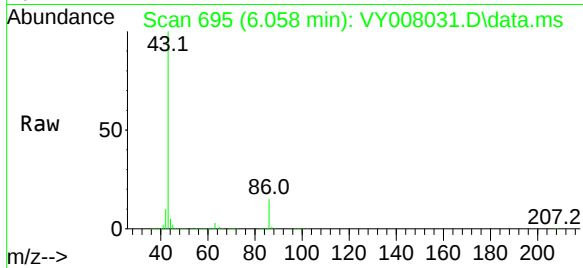




#23
 Vinyl Acetate
 Concen: 294.144 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008031.D
 Acq: 25 Mar 2022 17:23

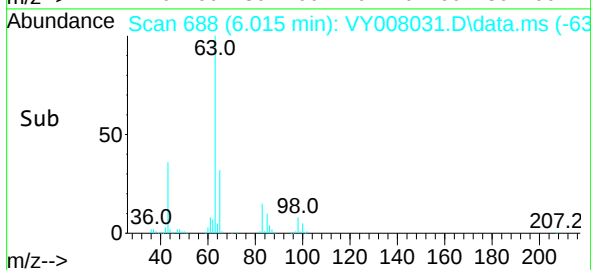
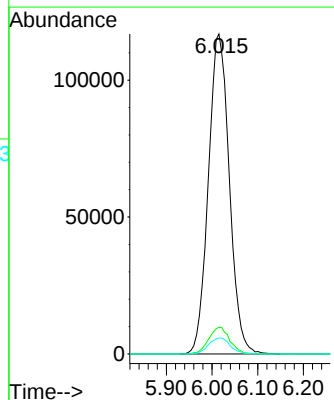
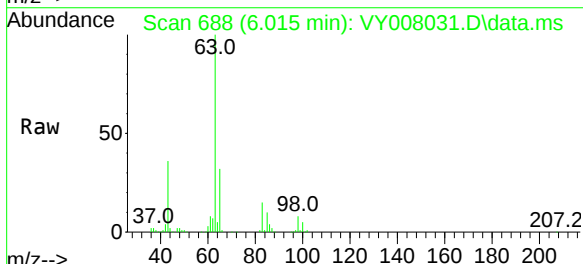
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

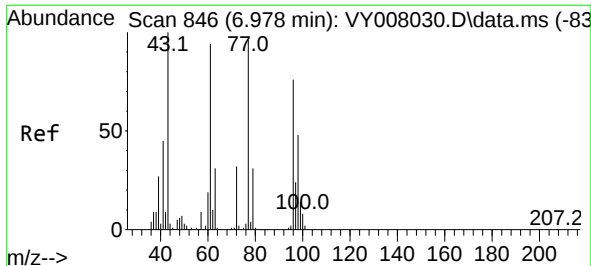
Tgt Ion: 43 Resp: 1814277
 Ion Ratio Lower Upper
 43 100
 86 15.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 72.242 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY008031.D
 Acq: 25 Mar 2022 17:23

Tgt Ion: 63 Resp: 372543
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 267.360 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

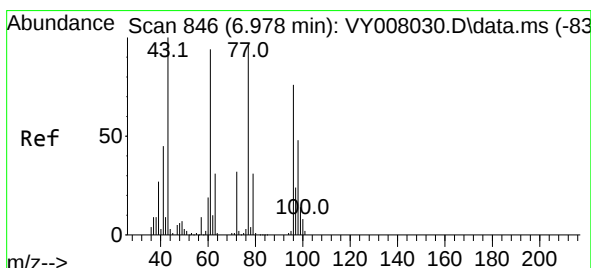
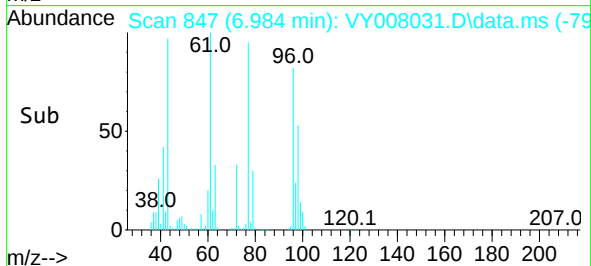
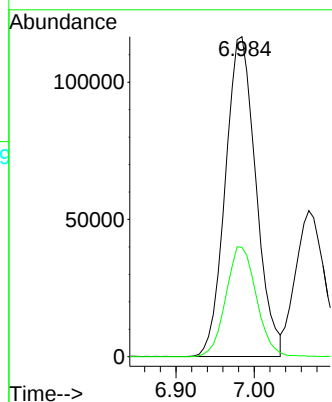
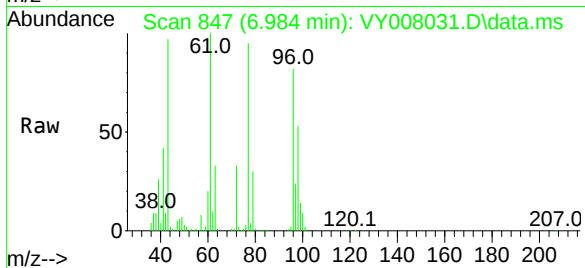
VSTDICC100

Tgt Ion: 43 Resp: 316138

Ion Ratio Lower Upper

43 100

72 34.2 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 78.270 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008031.D

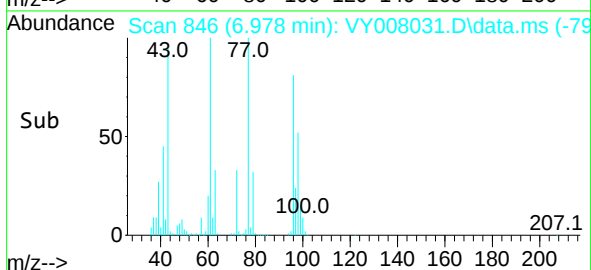
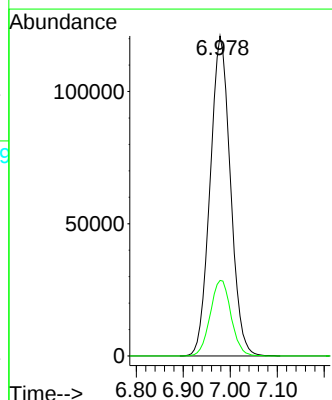
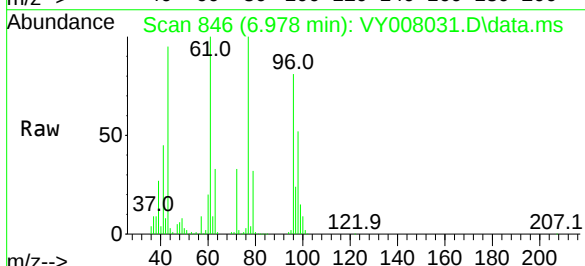
Acq: 25 Mar 2022 17:23

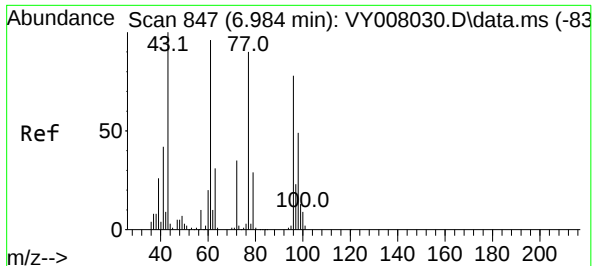
Tgt Ion: 77 Resp: 362665

Ion Ratio Lower Upper

77 100

97 24.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 77.272 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

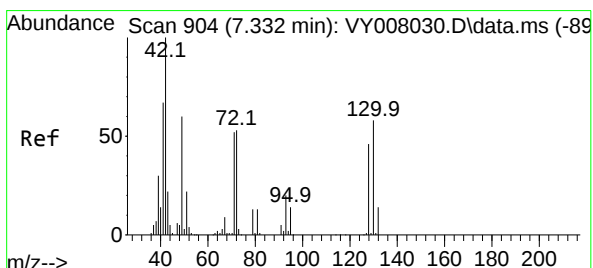
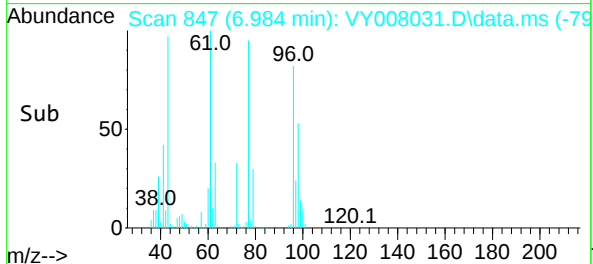
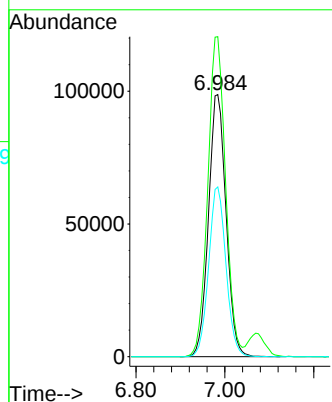
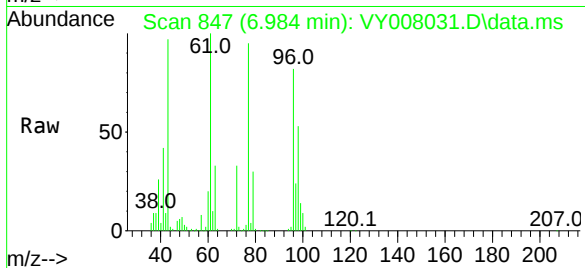
Tgt Ion: 96 Resp: 271302

Ion Ratio Lower Upper

96 100

61 123.8 0.0 319.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 54.251 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

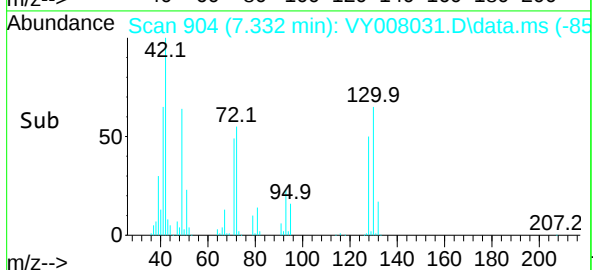
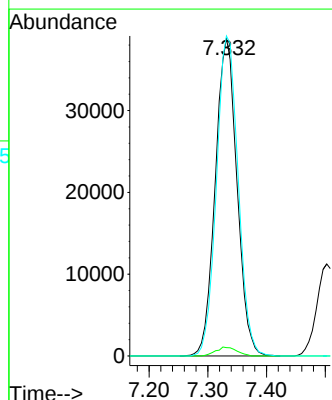
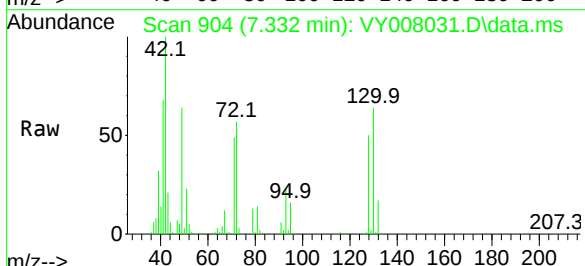
Tgt Ion: 49 Resp: 99432

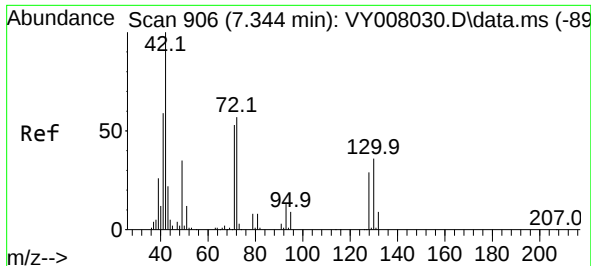
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 100.7 55.4 83.0#





#29

Tetrahydrofuran

Concen: 259.396 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

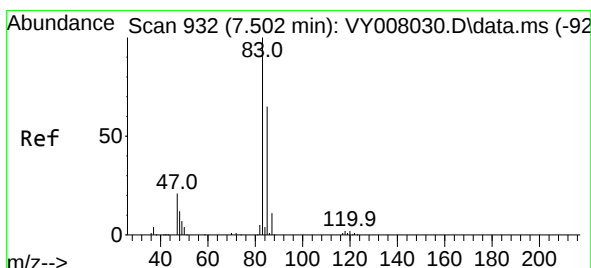
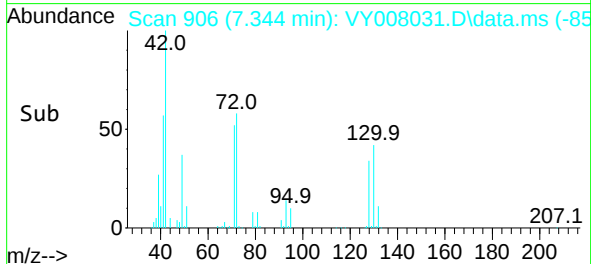
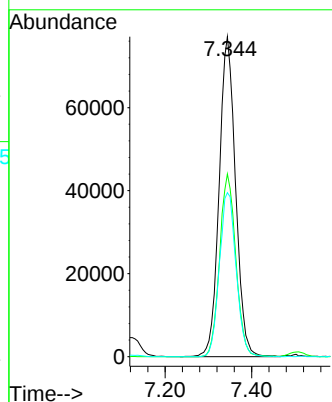
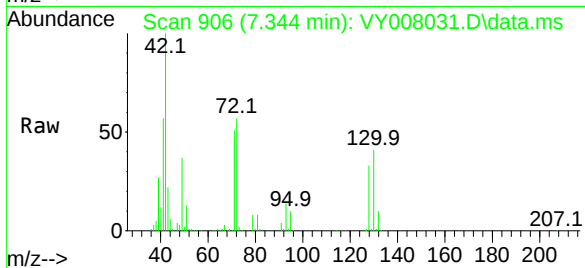
Tgt Ion: 42 Resp: 203190

Ion Ratio Lower Upper

42 100

72 56.4 30.3 45.5#

71 52.3 29.0 43.4#



#30

Chloroform

Concen: 74.043 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY008031.D

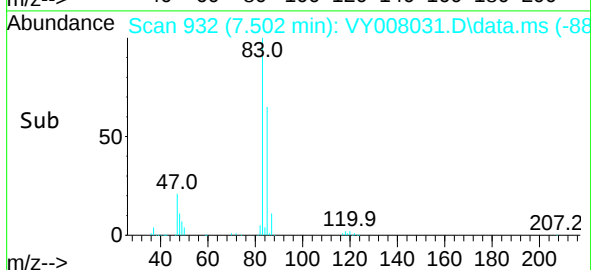
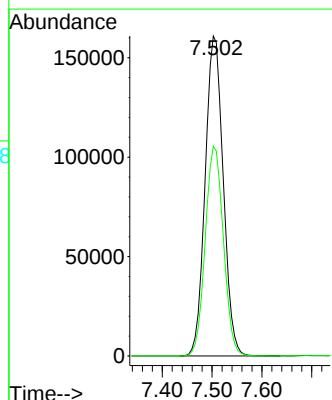
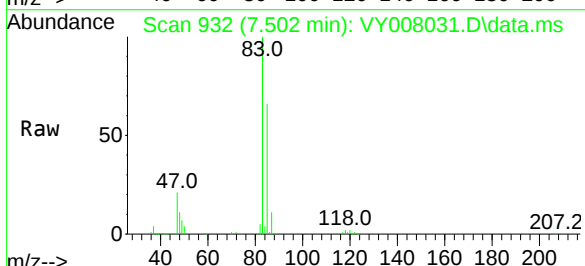
Acq: 25 Mar 2022 17:23

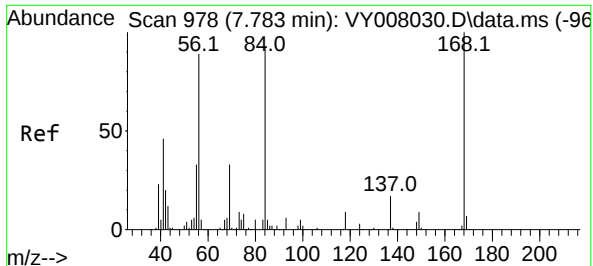
Tgt Ion: 83 Resp: 405532

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

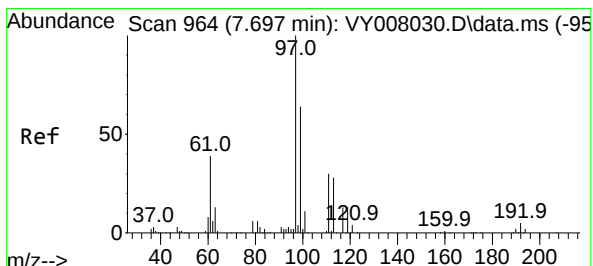
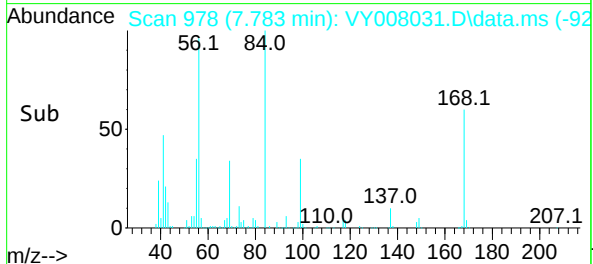
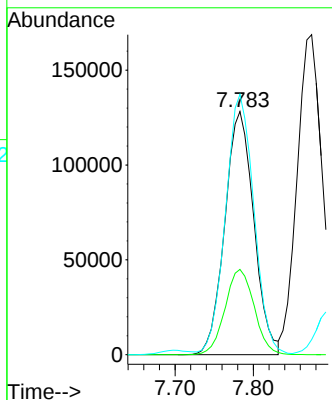
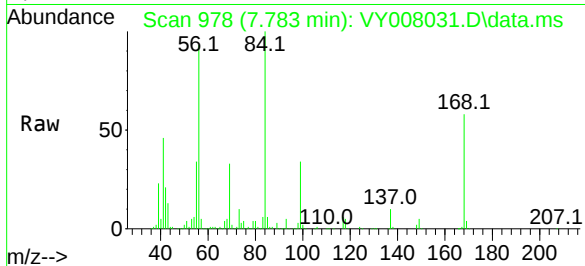




#31
Cyclohexane
Concen: 68.130 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

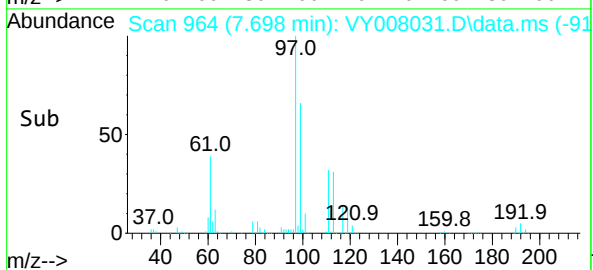
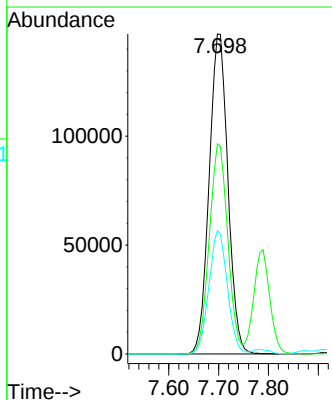
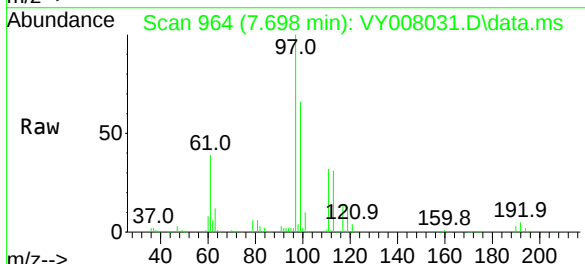
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

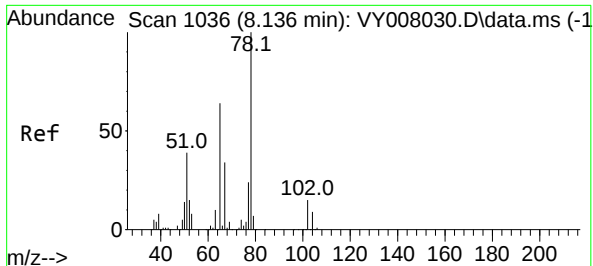
Tgt Ion: 56 Resp: 330362
Ion Ratio Lower Upper
56 100
69 35.1 26.7 40.1
84 105.2 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 81.467 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 97 Resp: 383048
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 38.1 37.6 56.4

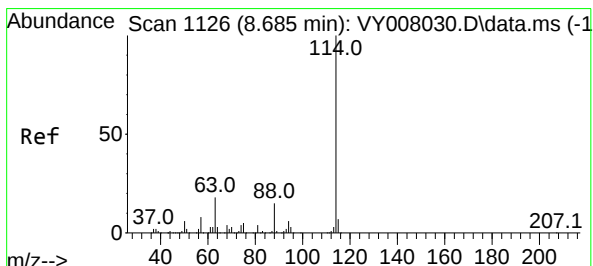
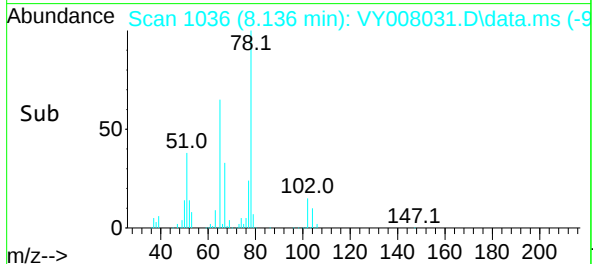
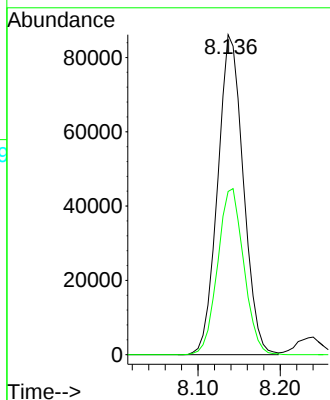
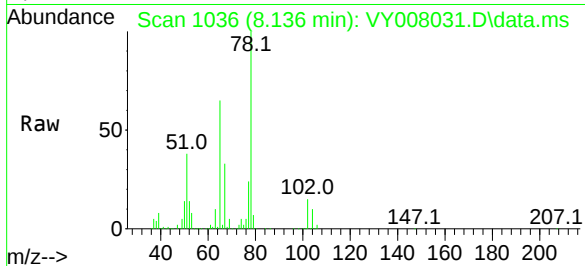




#33
 1,2-Dichloroethane-d4
 Concen: 70.375 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY008031.D
 Acq: 25 Mar 2022 17:23

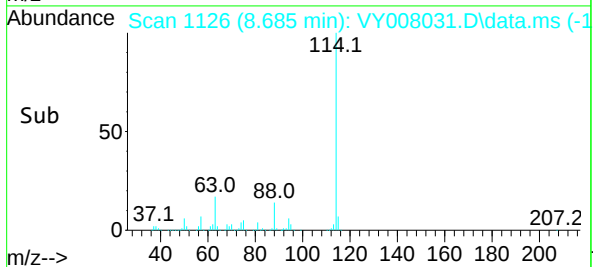
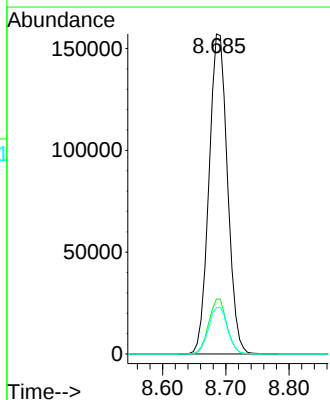
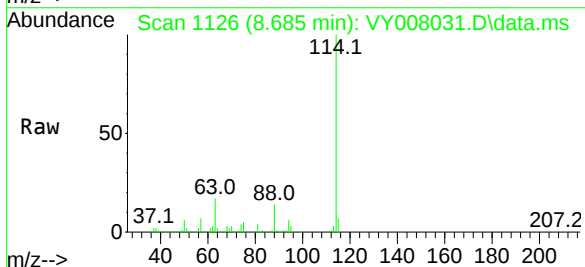
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

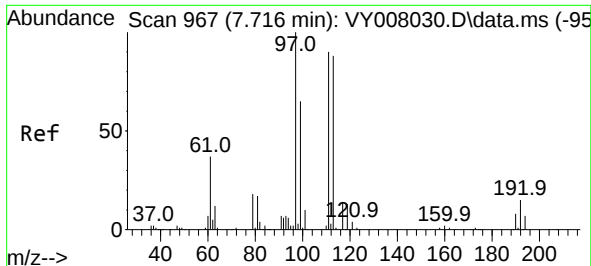
Tgt Ion: 65 Resp: 186521
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY008031.D
 Acq: 25 Mar 2022 17:23

Tgt Ion: 114 Resp: 319078
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 43.2
 88 14.5 0.0 31.8

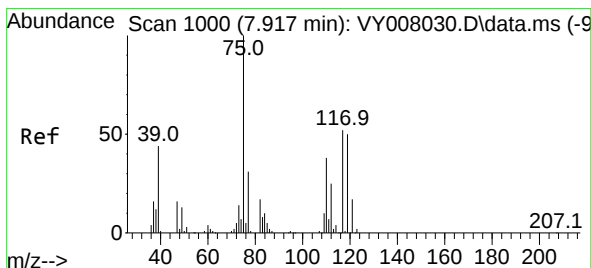
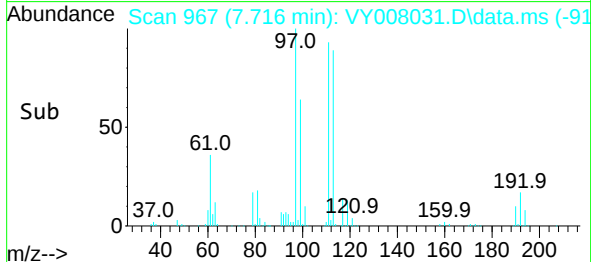
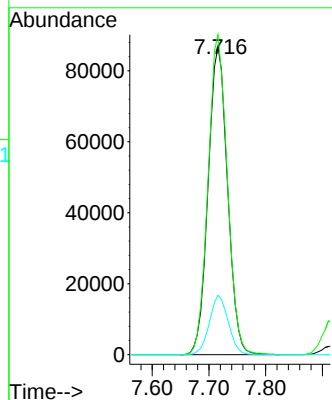
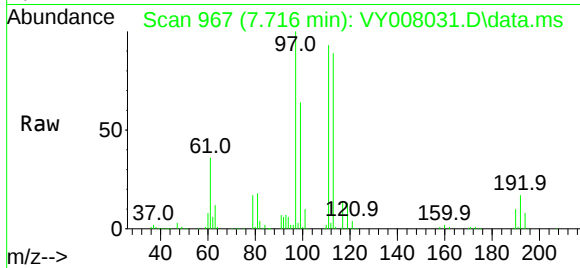




#35
Dibromofluoromethane
Concen: 96.863 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

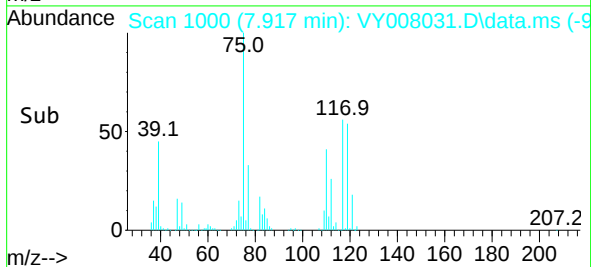
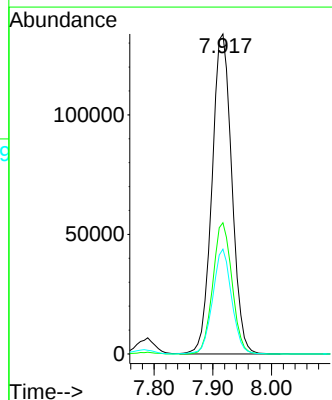
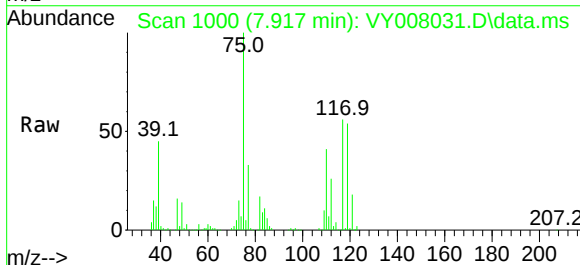
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

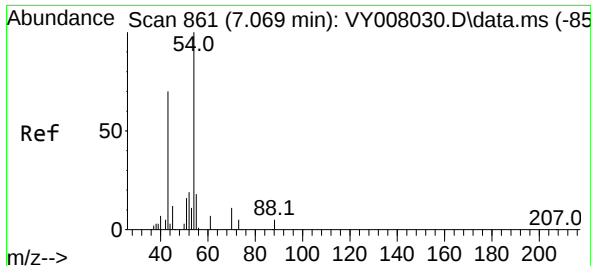
Tgt Ion:113 Resp: 206707
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 86.787 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 75 Resp: 313580
Ion Ratio Lower Upper
75 100
110 39.6 17.1 51.2
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 60.124 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

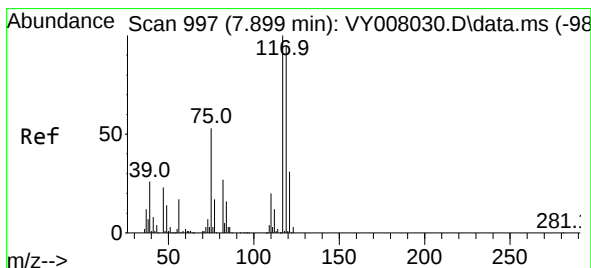
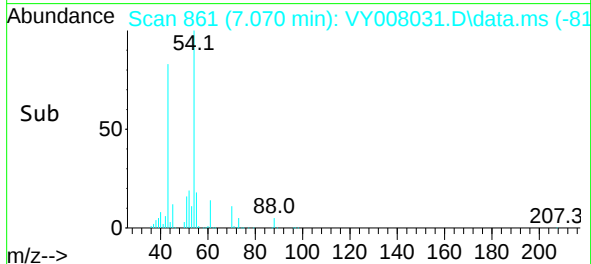
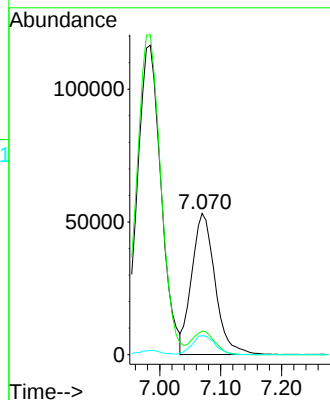
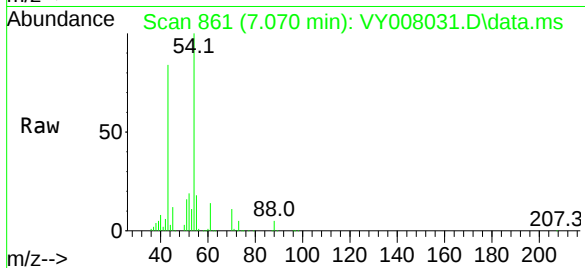
Tgt Ion: 43 Resp: 141511

Ion Ratio Lower Upper

43 100

61 16.2 9.7 14.5#

70 13.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 96.612 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

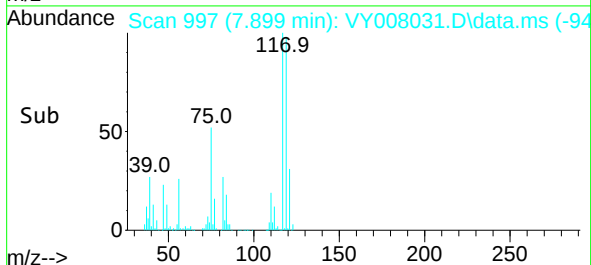
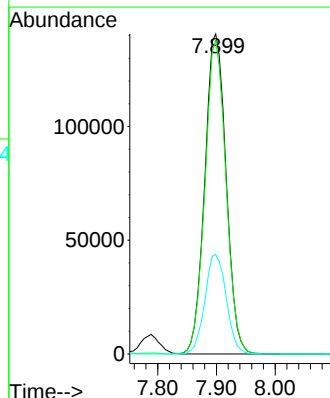
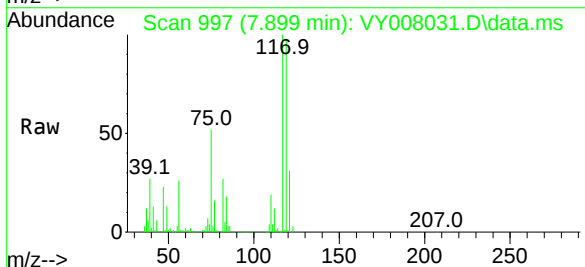
Tgt Ion: 117 Resp: 354020

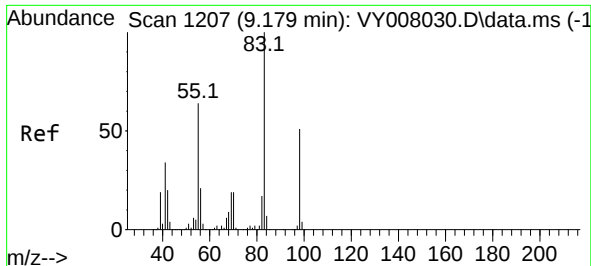
Ion Ratio Lower Upper

117 100

119 98.0 77.9 116.9

121 31.1 24.8 37.2





#39

Methylcyclohexane

Concen: 90.470 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

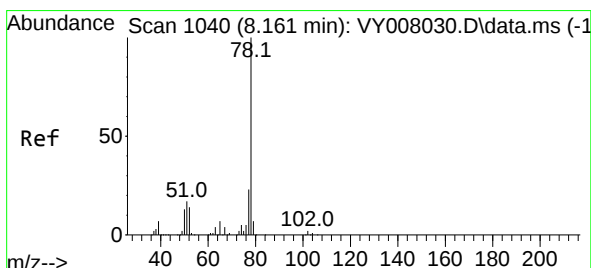
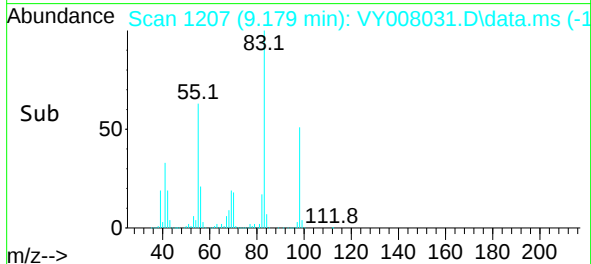
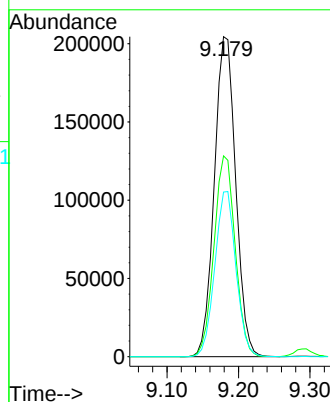
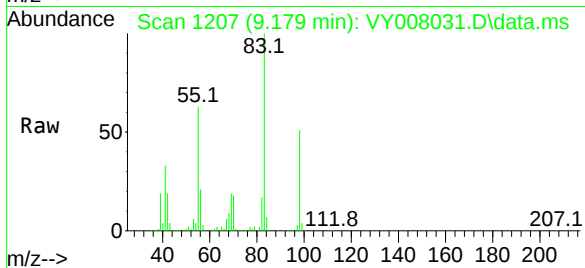
Tgt Ion: 83 Resp: 424913

Ion Ratio Lower Upper

83 100

55 62.8 66.5 99.7#

98 51.4 37.9 56.9



#40

Benzene

Concen: 84.320 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY008031.D

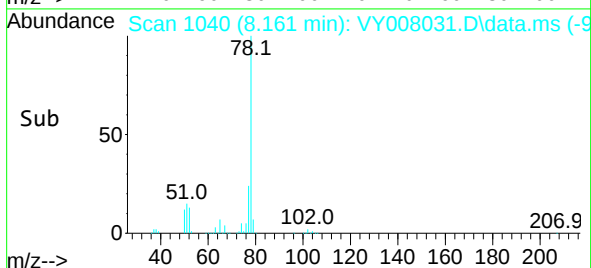
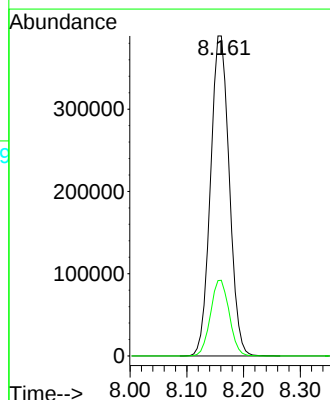
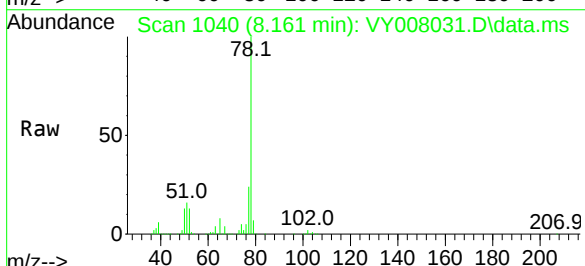
Acq: 25 Mar 2022 17:23

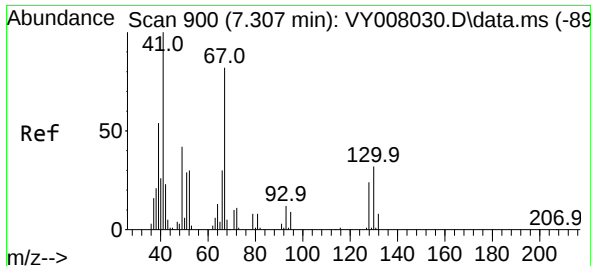
Tgt Ion: 78 Resp: 893746

Ion Ratio Lower Upper

78 100

77 23.7 20.4 30.6

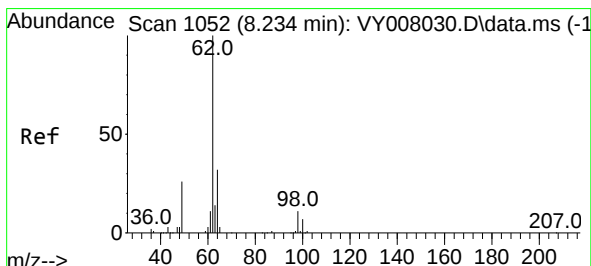
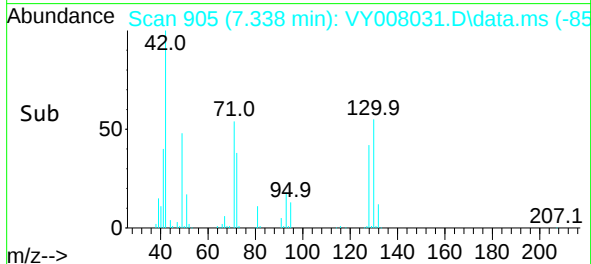
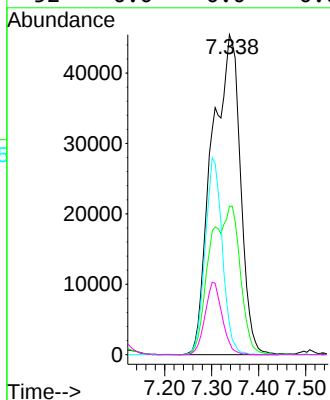
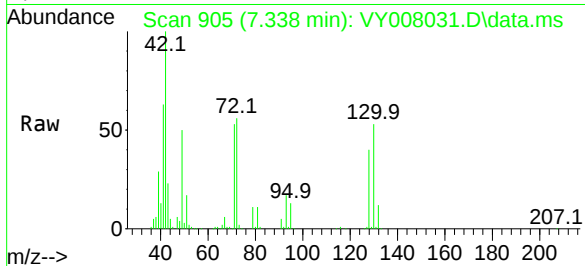




#41
Methacrylonitrile
Concen: 72.660 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

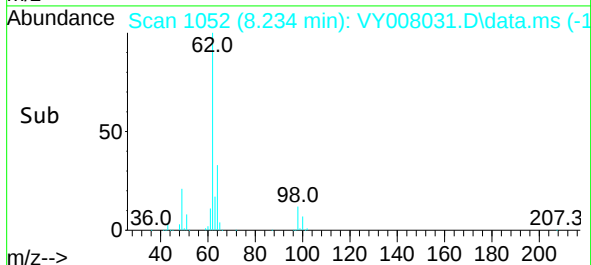
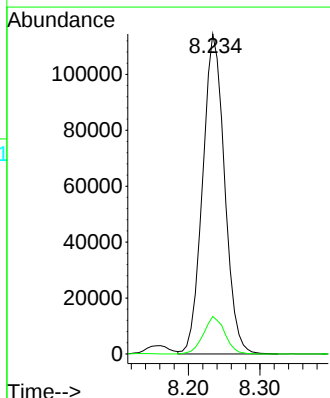
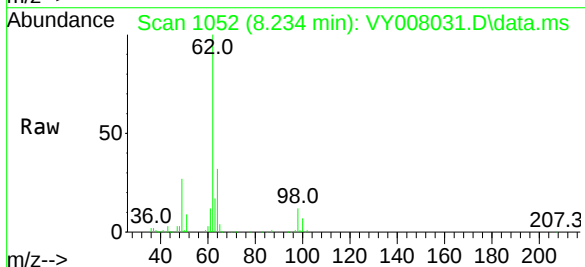
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

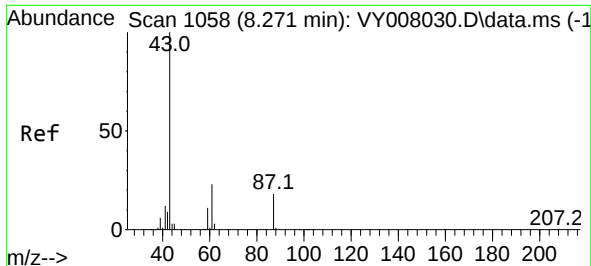
Tgt Ion: 41 Resp: 190882
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 74.622 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 62 Resp: 243942
Ion Ratio Lower Upper
62 100
98 11.4 0.0 14.8

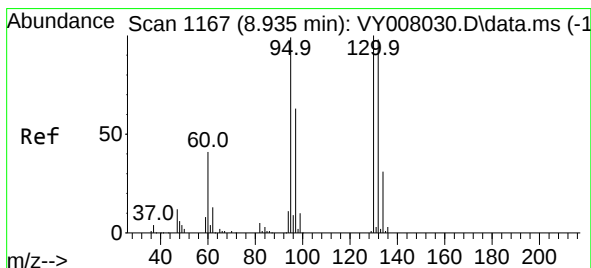
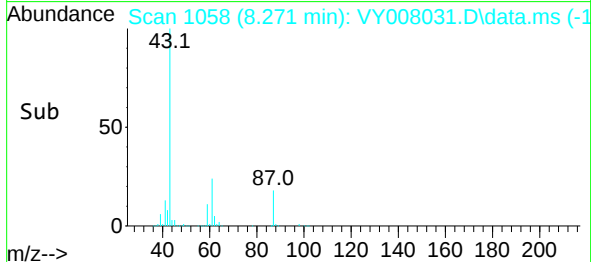
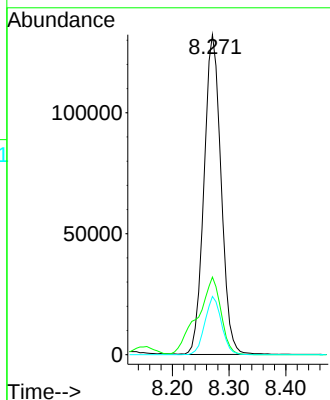
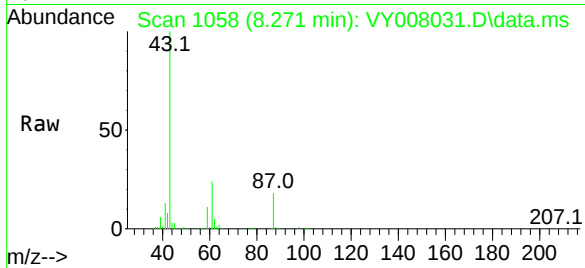




#43
Isopropyl Acetate
Concen: 62.532 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

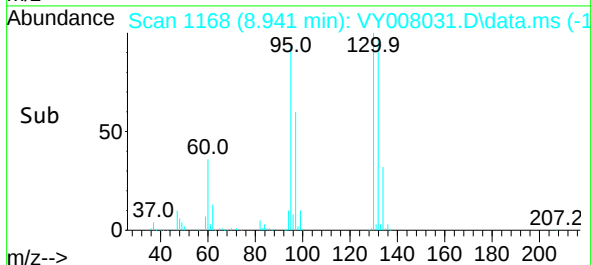
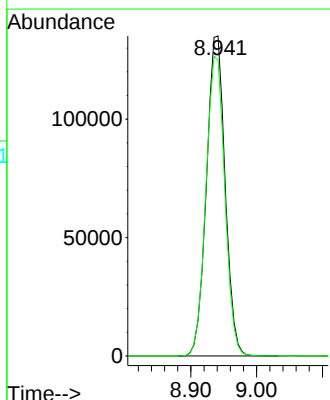
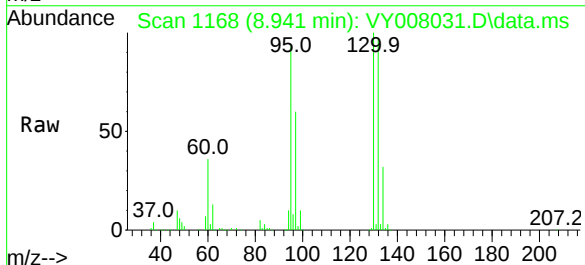
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

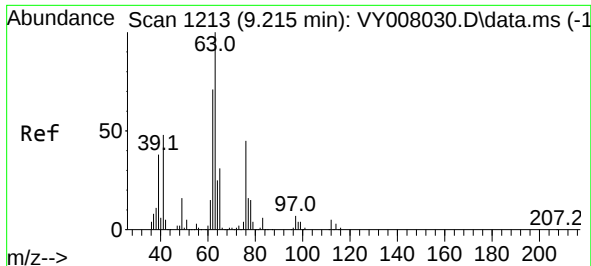
Tgt Ion: 43 Resp: 275336
Ion Ratio Lower Upper
43 100
61 33.5 20.2 30.2#
87 17.7 8.9 13.3#



#44
Trichloroethene
Concen: 94.006 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 130 Resp: 266825
Ion Ratio Lower Upper
130 100
95 92.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 77.251 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

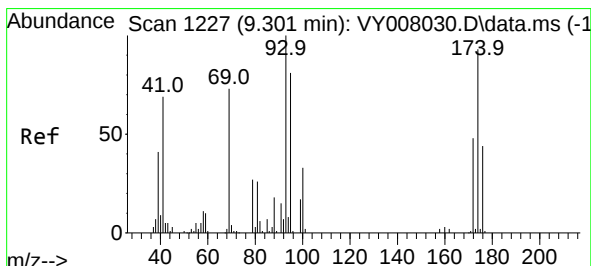
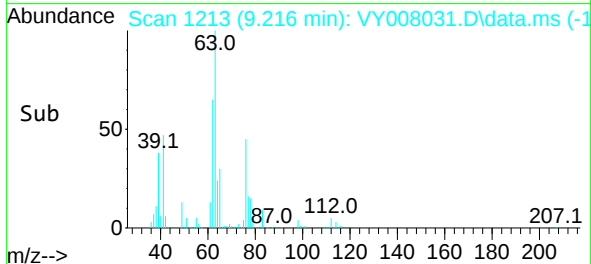
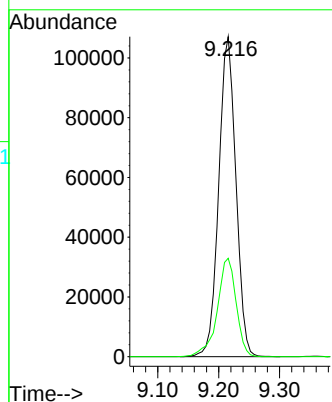
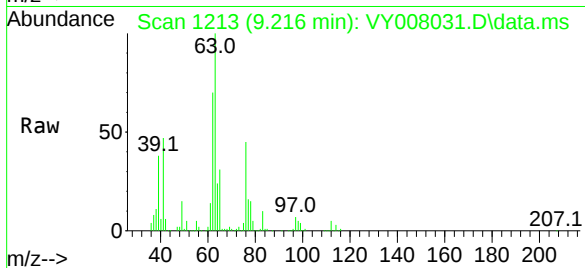
VSTDIC100

Tgt Ion: 63 Resp: 209078

Ion Ratio Lower Upper

63 100

65 30.7 23.0 34.6



#46

Dibromomethane

Concen: 78.834 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

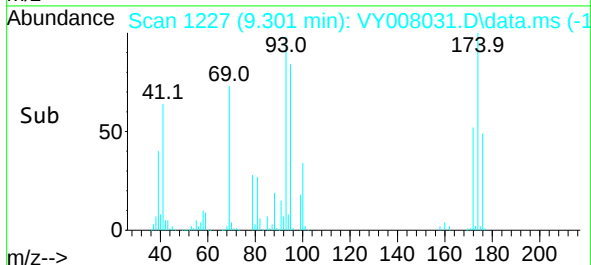
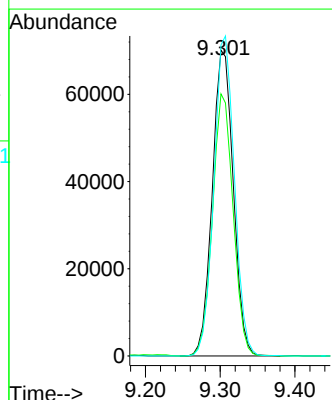
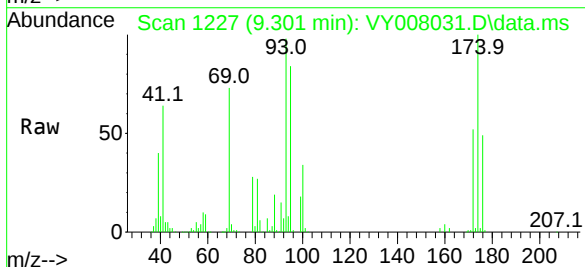
Tgt Ion: 93 Resp: 137350

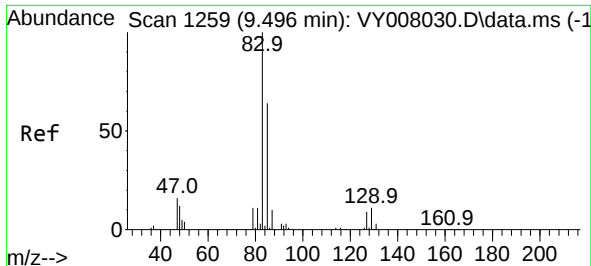
Ion Ratio Lower Upper

93 100

95 84.0 64.3 96.5

174 102.1 83.4 125.0

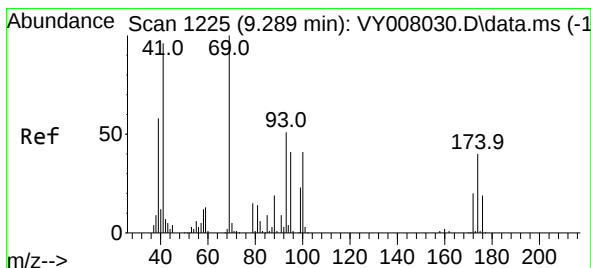
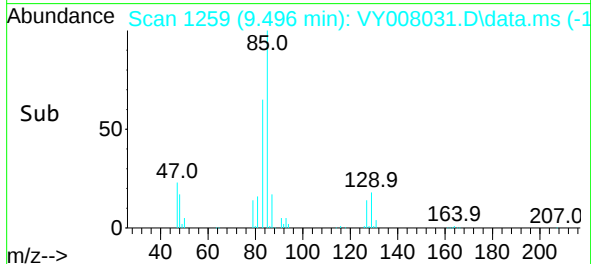
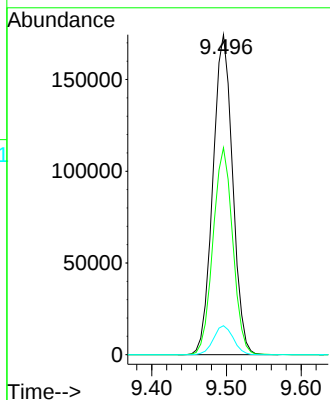
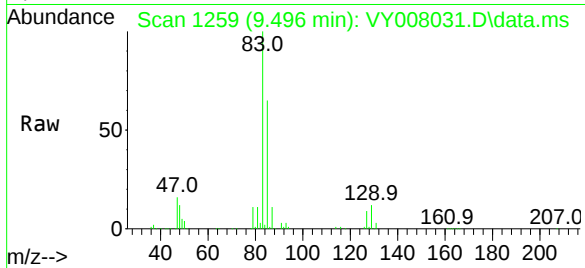




#47
Bromodichloromethane
Concen: 83.227 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

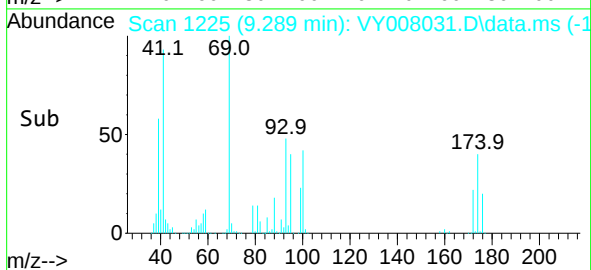
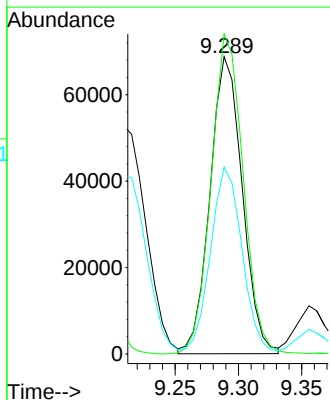
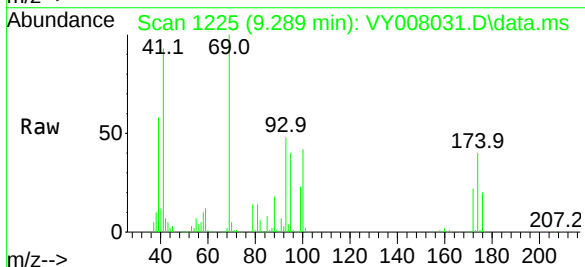
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

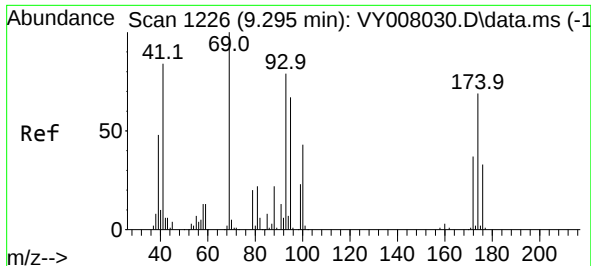
Tgt Ion: 83 Resp: 320185
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 63.793 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 41 Resp: 121896
Ion Ratio Lower Upper
41 100
69 107.2 58.2 87.2#
39 59.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1472.653 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

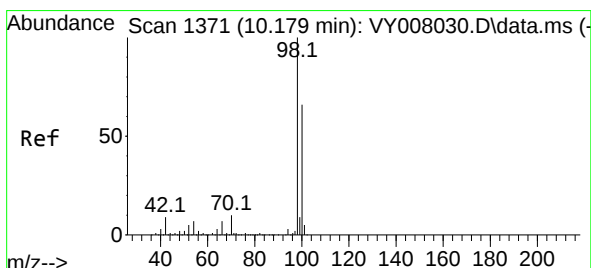
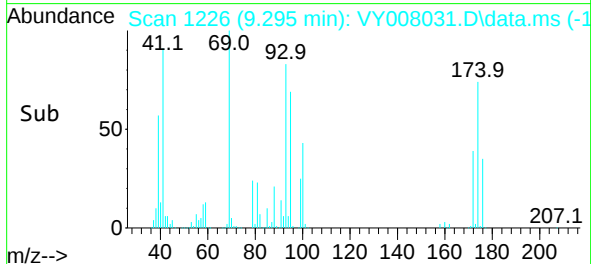
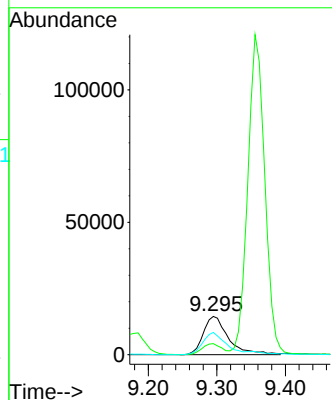
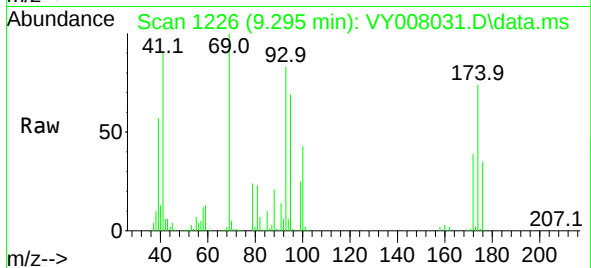
Tgt Ion: 88 Resp: 36842

Ion Ratio Lower Upper

88 100

43 23.7 32.8 49.2#

58 59.7 59.8 89.6#



#50

Toluene-d8

Concen: 99.339 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008031.D

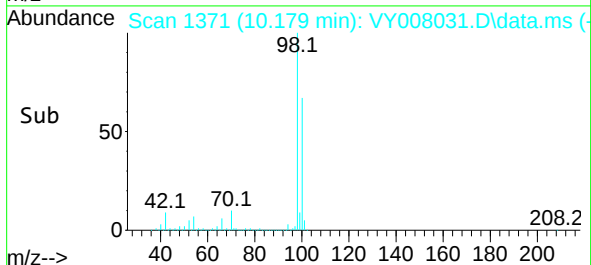
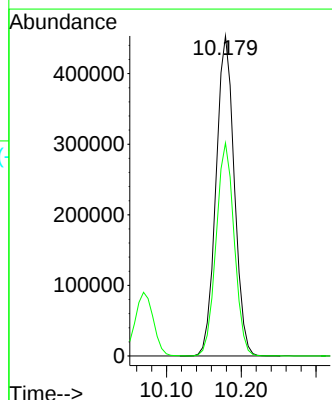
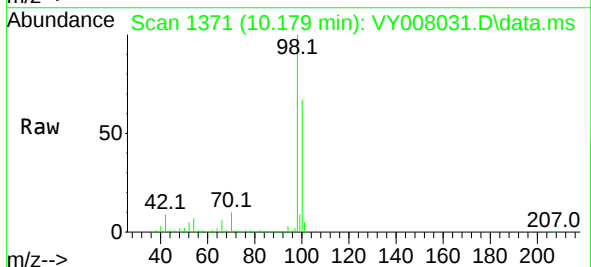
Acq: 25 Mar 2022 17:23

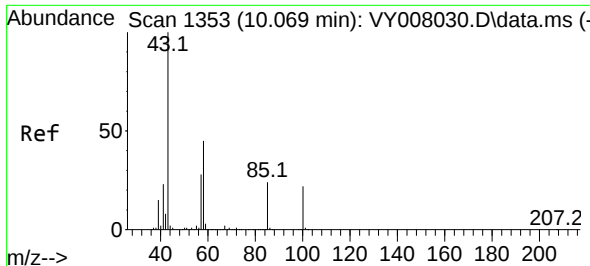
Tgt Ion: 98 Resp: 769503

Ion Ratio Lower Upper

98 100

100 66.0 50.2 75.2

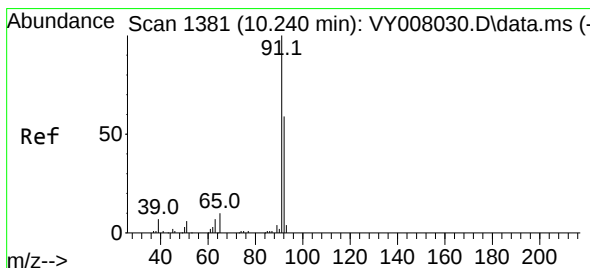
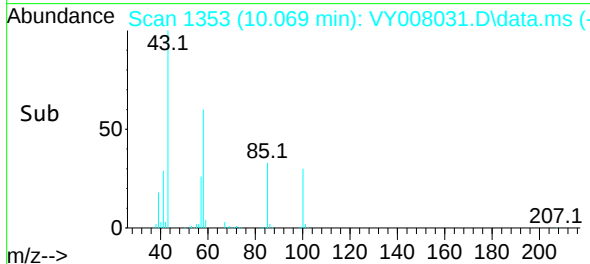
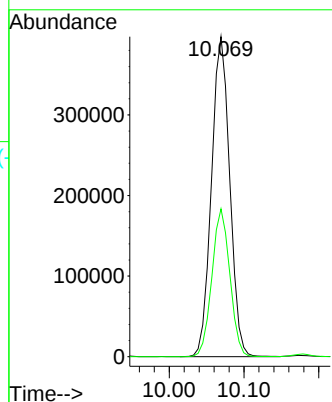
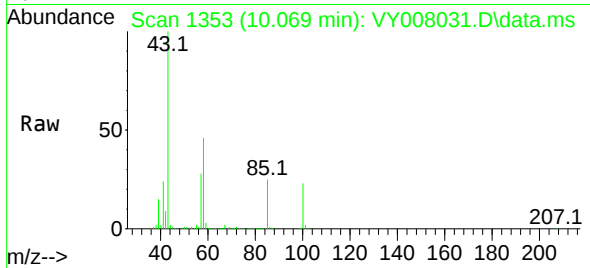




#51
4-Methyl-2-Pentanone
Concen: 300.636 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

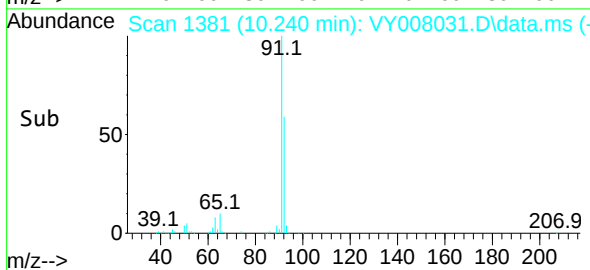
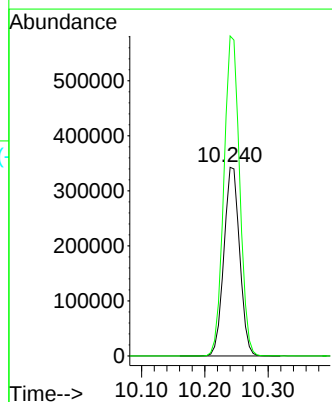
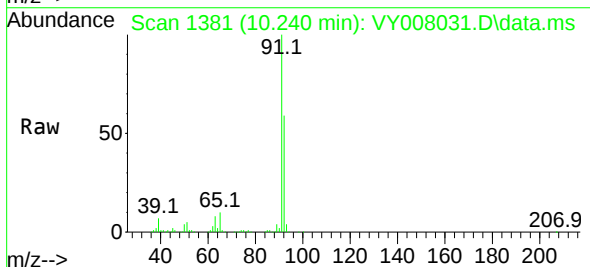
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

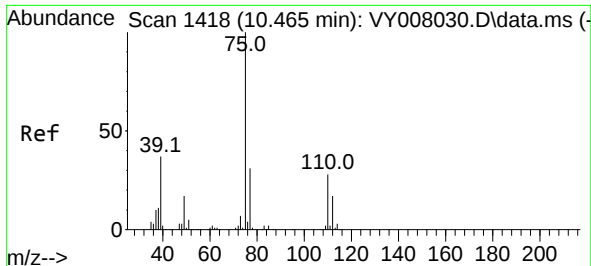
Tgt Ion: 43 Resp: 676300
Ion Ratio Lower Upper
43 100
58 45.4 28.1 42.1#



#52
Toluene
Concen: 87.366 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 92 Resp: 589373
Ion Ratio Lower Upper
92 100
91 170.2 142.6 213.8

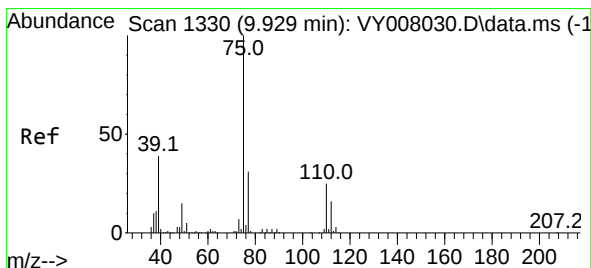
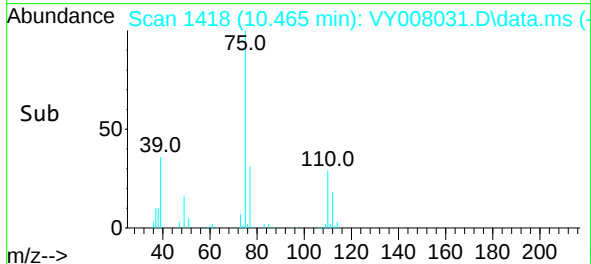
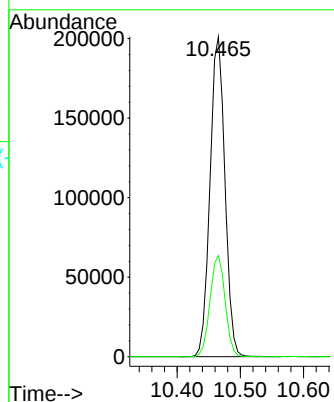
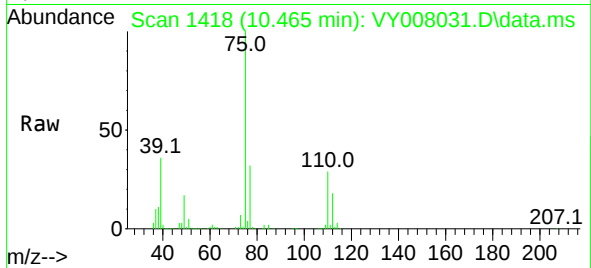




#53
t-1,3-Dichloropropene
Concen: 79.809 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

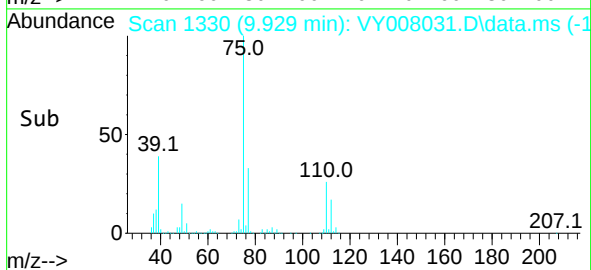
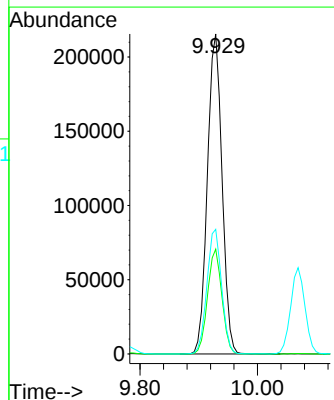
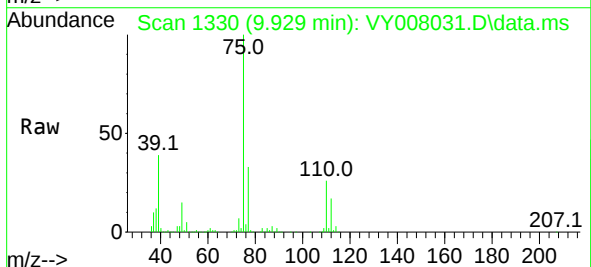
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

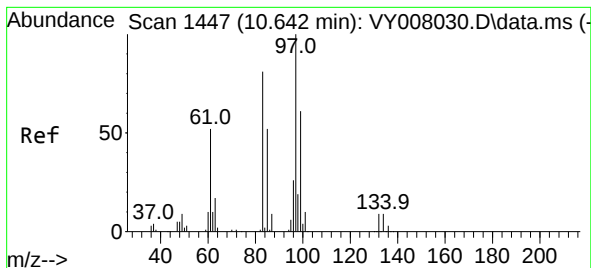
Tgt Ion: 75 Resp: 329972
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 80.884 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 75 Resp: 373095
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
39 38.9 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 80.839 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 192120

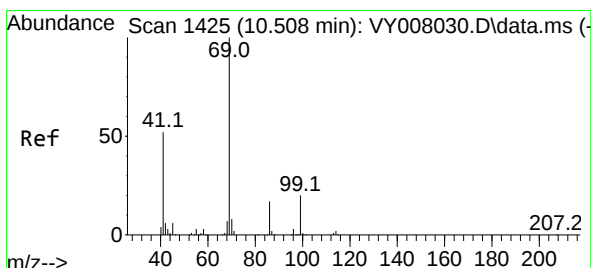
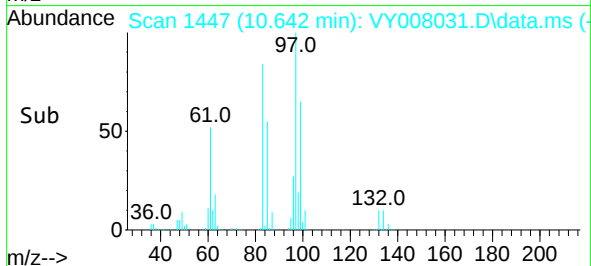
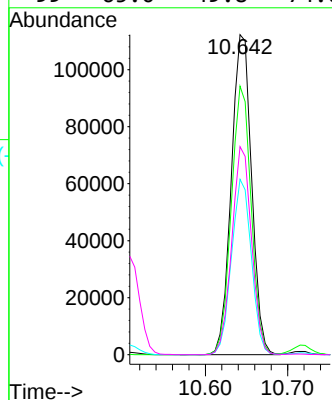
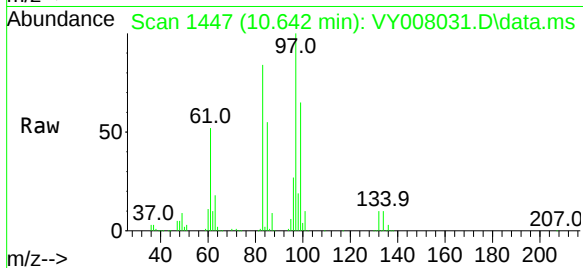
Ion Ratio Lower Upper

97 100

83 83.9 69.8 104.8

85 54.8 44.3 66.5

99 65.0 49.8 74.6



#56

Ethyl methacrylate

Concen: 73.794 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

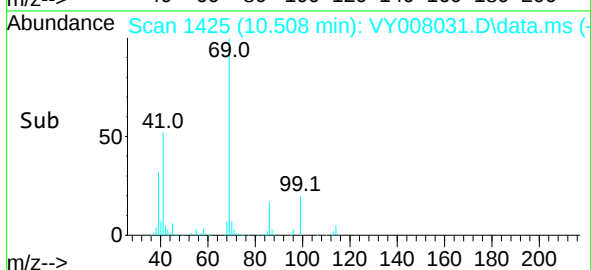
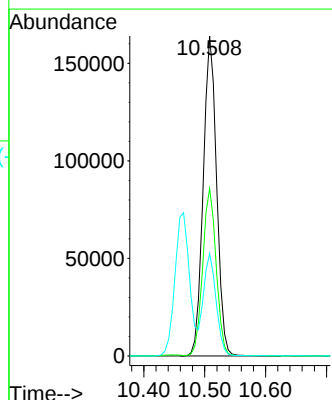
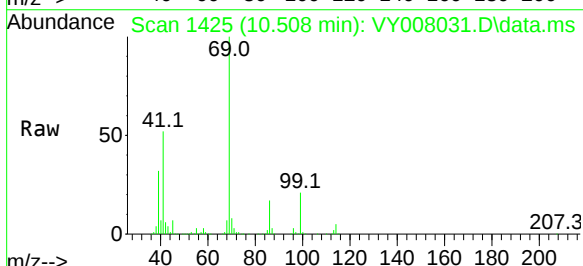
Tgt Ion: 69 Resp: 250774

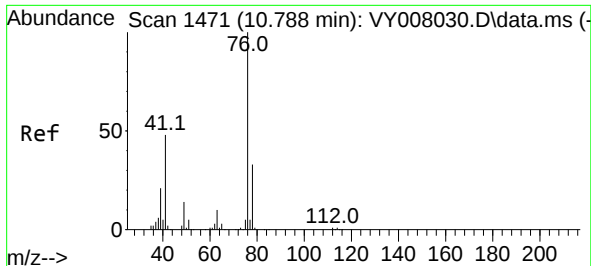
Ion Ratio Lower Upper

69 100

41 52.1 63.4 95.0#

39 29.7 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 77.215 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

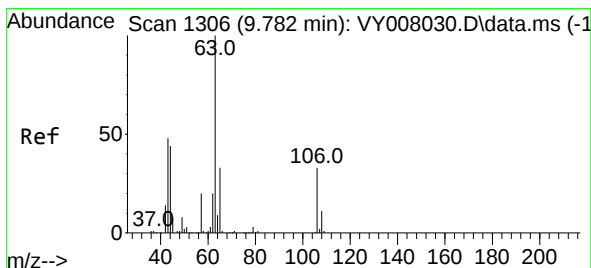
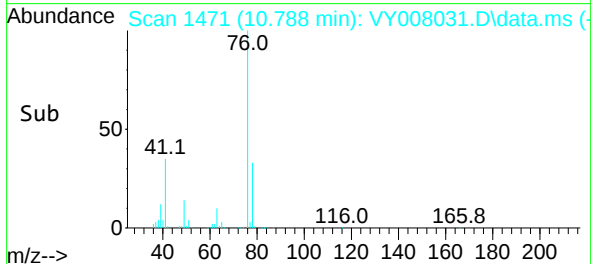
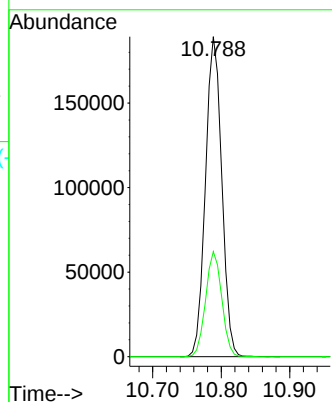
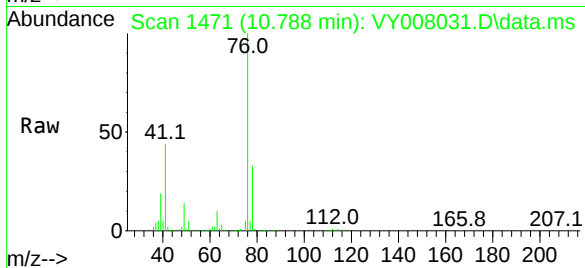
VSTDIC100

Tgt Ion: 76 Resp: 312791

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 324.750 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008031.D

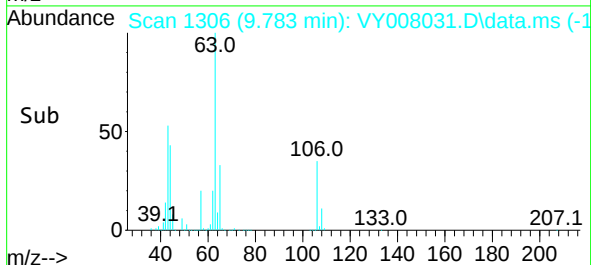
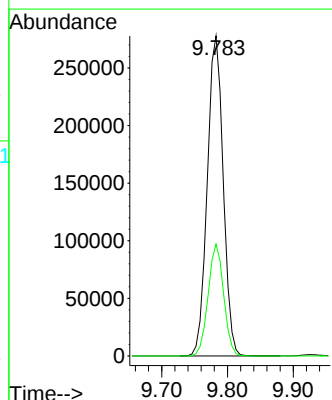
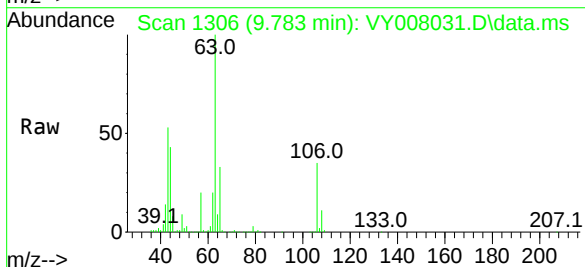
Acq: 25 Mar 2022 17:23

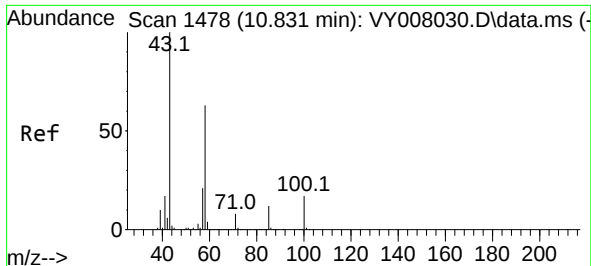
Tgt Ion: 63 Resp: 467922

Ion Ratio Lower Upper

63 100

106 34.0 21.5 32.3#





#59

2-Hexanone

Concen: 300.780 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

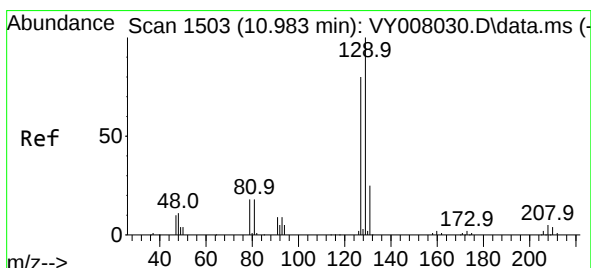
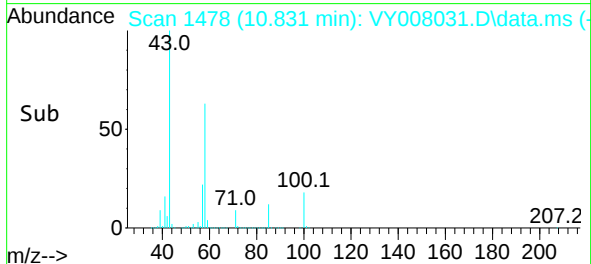
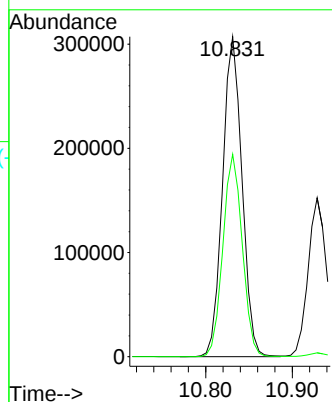
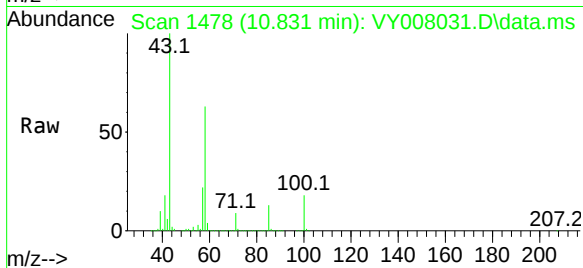
VSTDIC100

Tgt Ion: 43 Resp: 478019

Ion Ratio Lower Upper

43 100

58 63.1 24.4 73.4



#60

Dibromochloromethane

Concen: 90.175 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY008031.D

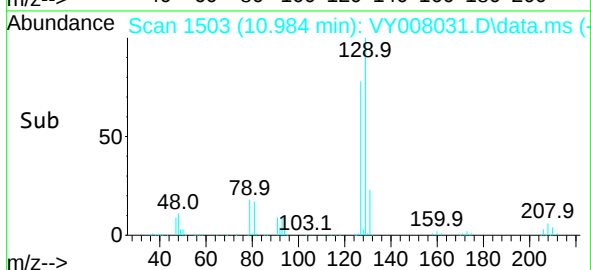
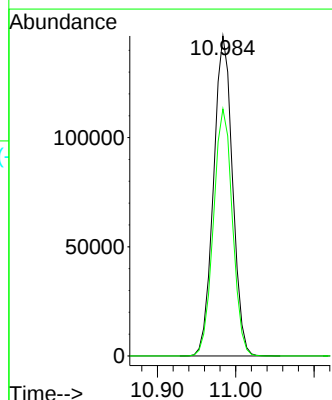
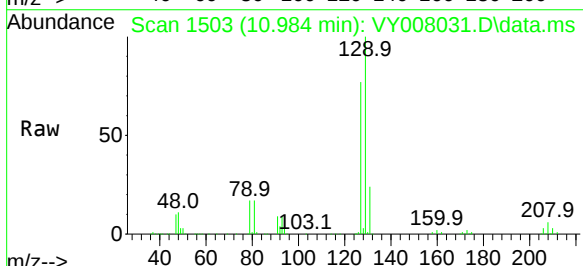
Acq: 25 Mar 2022 17:23

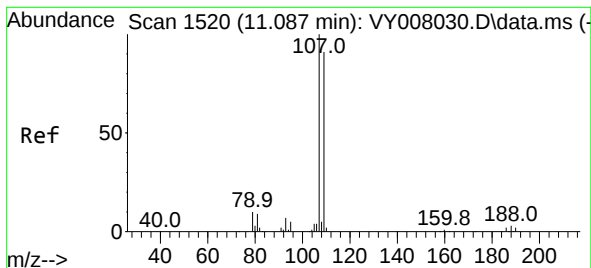
Tgt Ion: 129 Resp: 246668

Ion Ratio Lower Upper

129 100

127 77.3 38.7 116.1





#61

1,2-Dibromoethane

Concen: 81.917 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

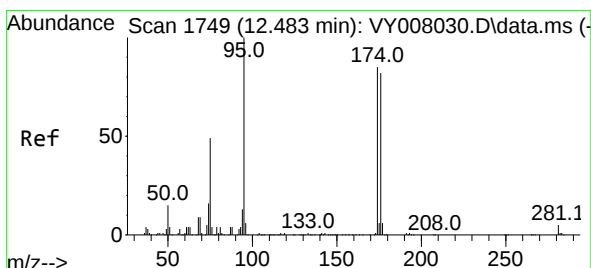
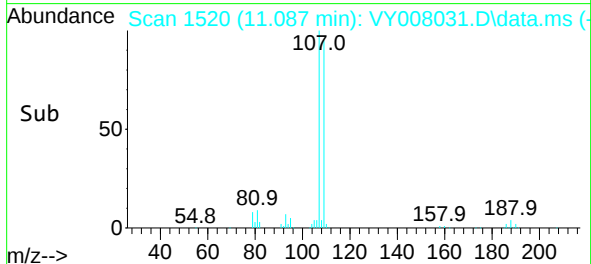
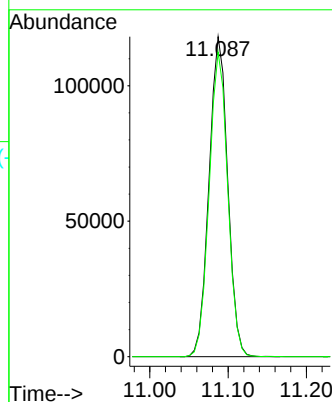
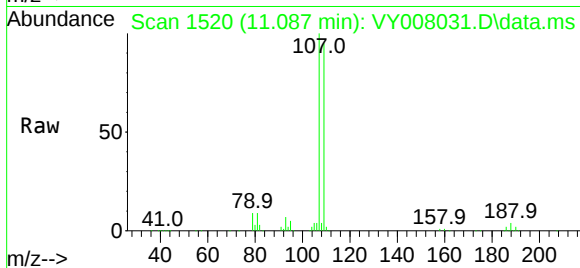
VSTDIC100

Tgt Ion:107 Resp: 195229

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 89.117 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

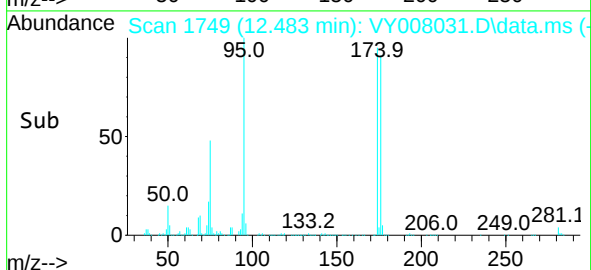
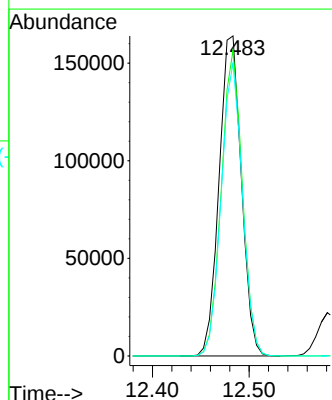
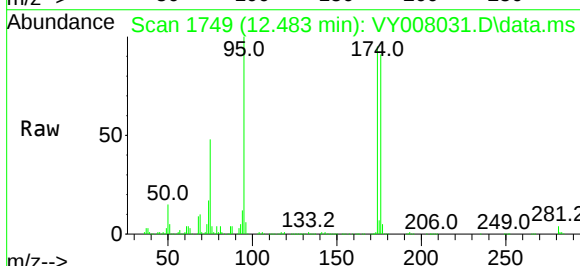
Tgt Ion: 95 Resp: 261546

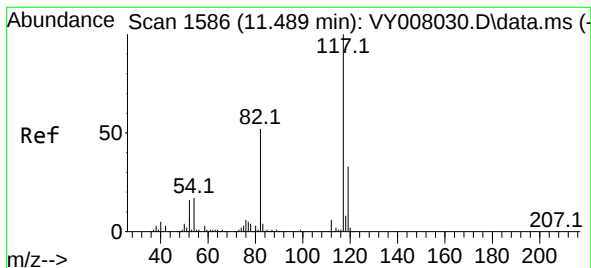
Ion Ratio Lower Upper

95 100

174 90.5 0.0 177.0

176 87.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

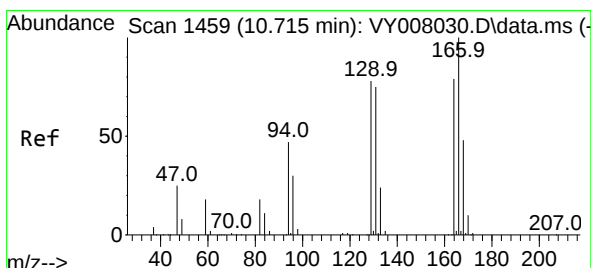
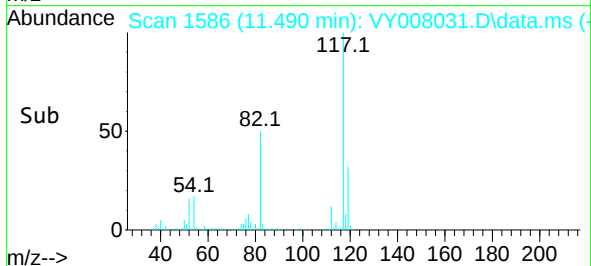
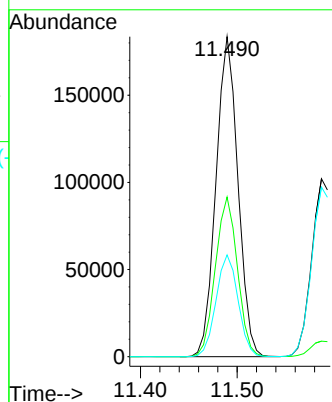
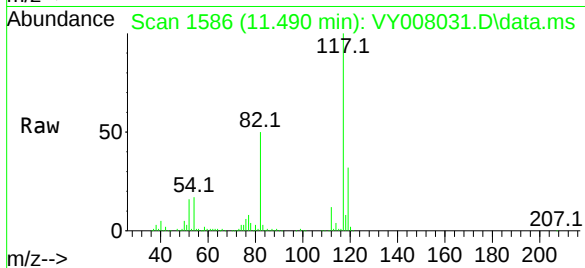
Tgt Ion:117 Resp: 288832

Ion Ratio Lower Upper

117 100

82 49.9 43.0 64.4

119 31.8 25.4 38.0



#64

Tetrachloroethene

Concen: 101.594 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Tgt Ion:164 Resp: 224961

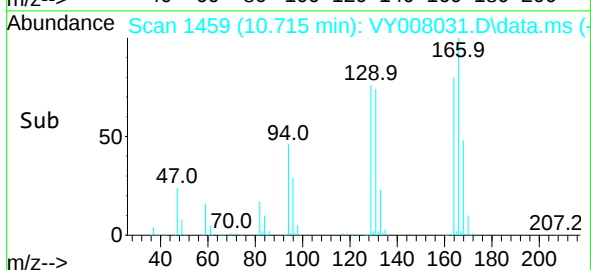
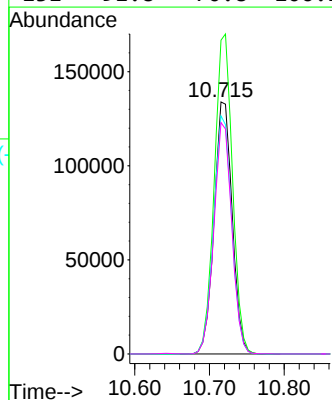
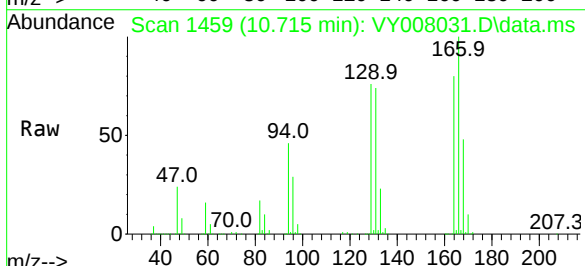
Ion Ratio Lower Upper

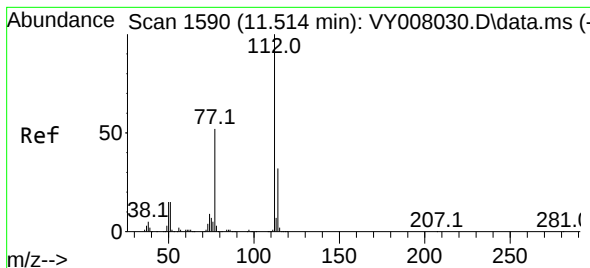
164 100

166 124.5 100.4 150.6

129 94.5 71.4 107.0

131 91.8 70.8 106.2





#65

Chlorobenzene

Concen: 92.588 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

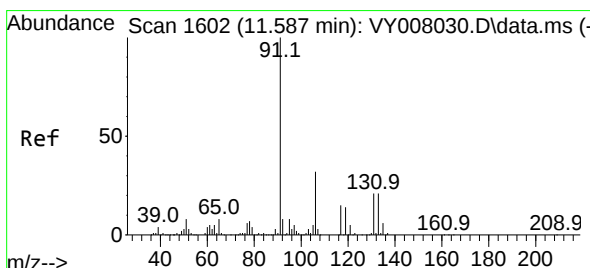
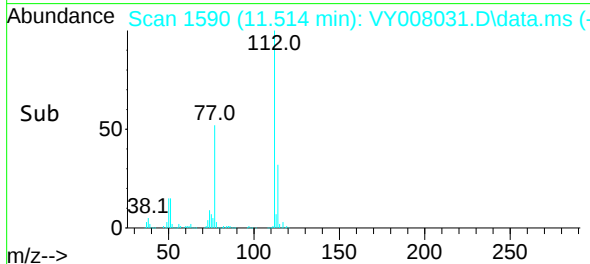
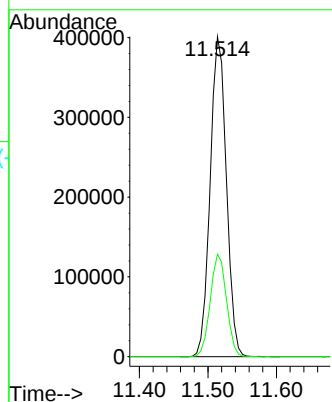
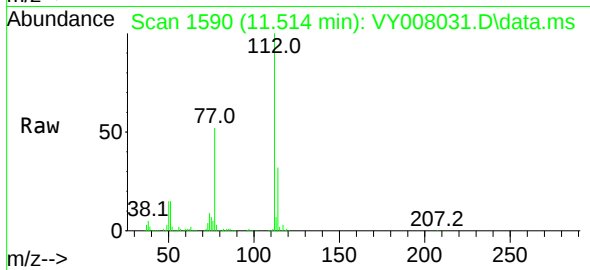
VSTDIC100

Tgt Ion:112 Resp: 658210

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 97.027 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

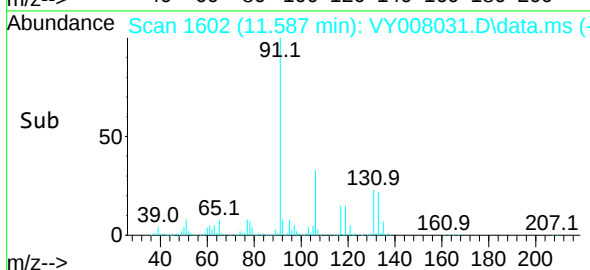
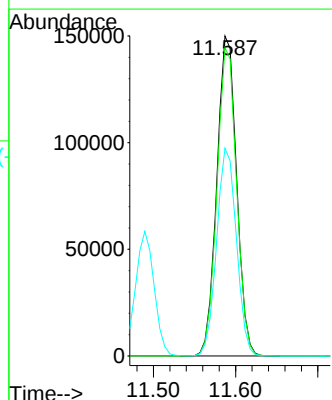
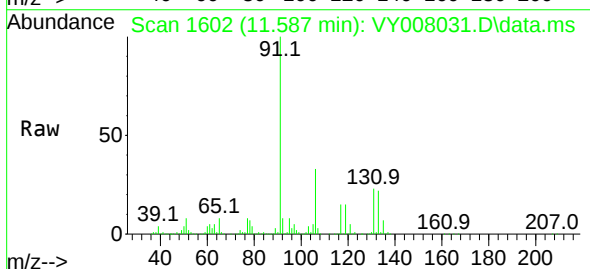
Tgt Ion:131 Resp: 250540

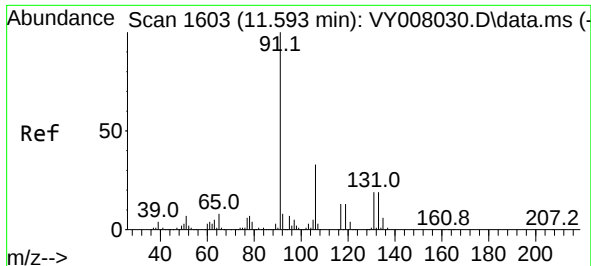
Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 65.1 30.8 92.3

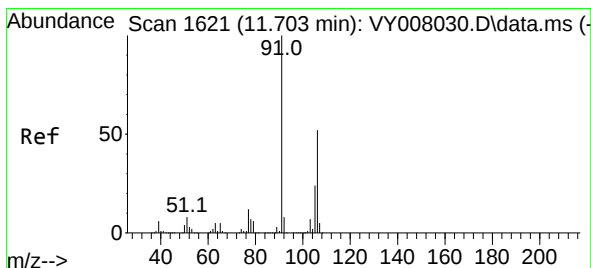
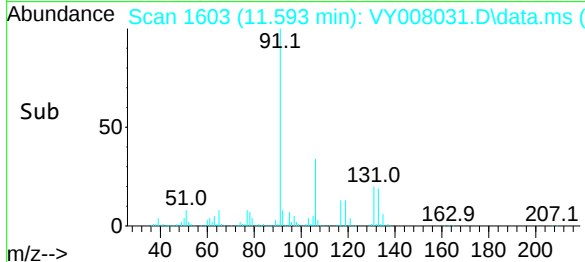
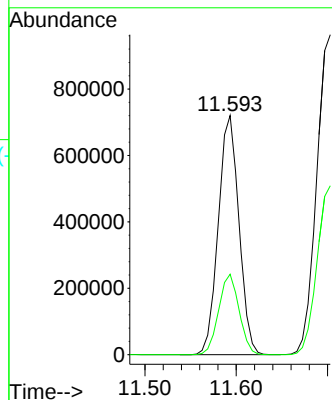
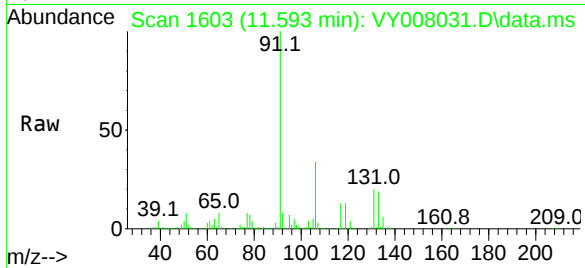




#67
Ethyl Benzene
Concen: 90.921 ug/l
RT: 11.593 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

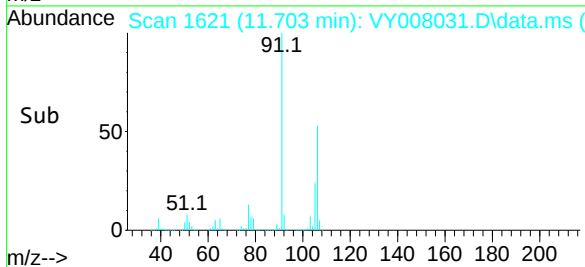
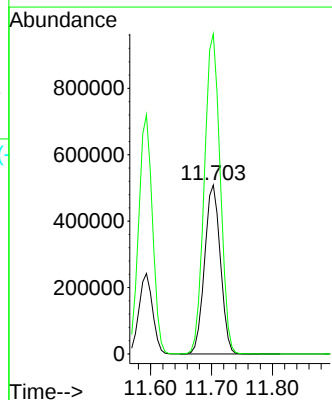
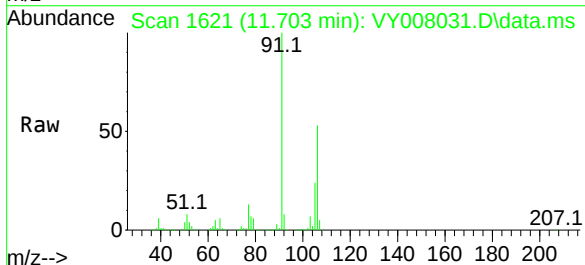
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

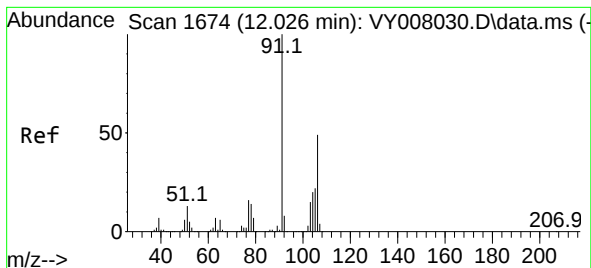
Tgt Ion: 91 Resp: 1131010
Ion Ratio Lower Upper
91 100
106 33.7 24.5 36.7



#68
m/p-Xylenes
Concen: 188.274 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion:106 Resp: 913938
Ion Ratio Lower Upper
106 100
91 190.5 166.6 249.8





#69

o-Xylene

Concen: 93.857 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

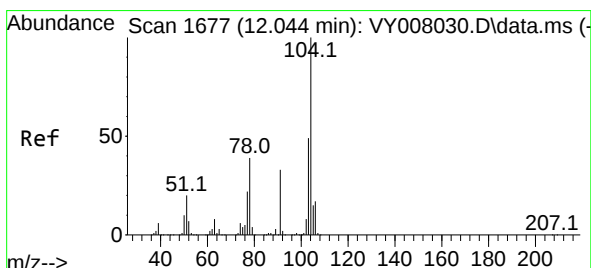
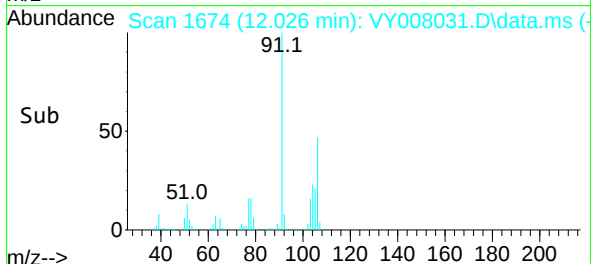
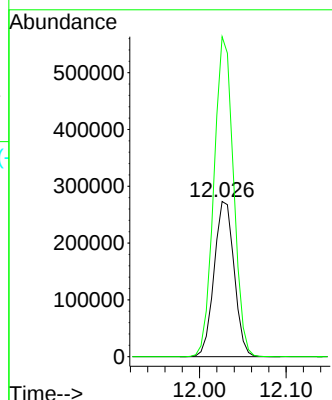
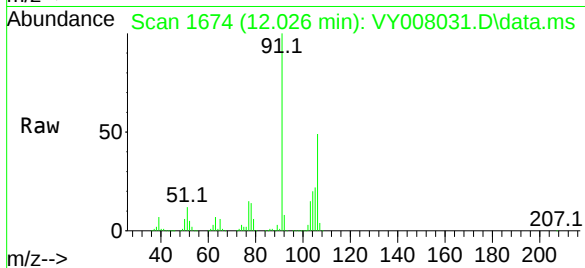
VSTDIC100

Tgt Ion:106 Resp: 438926

Ion Ratio Lower Upper

106 100

91 201.7 110.3 331.0



#70

Styrene

Concen: 92.610 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

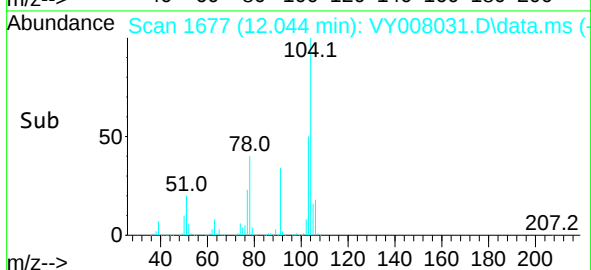
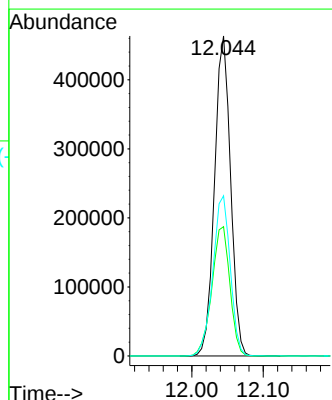
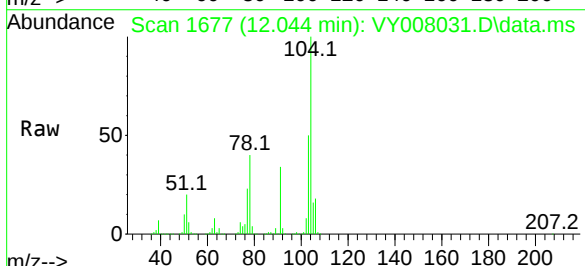
Tgt Ion:104 Resp: 722393

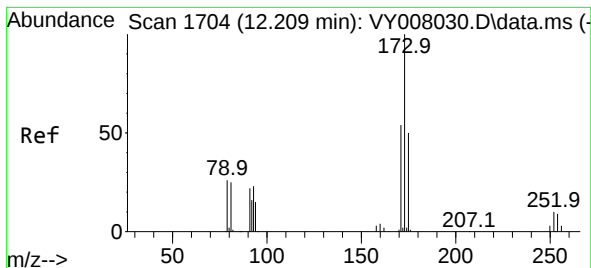
Ion Ratio Lower Upper

104 100

78 45.5 42.4 63.6

103 54.4 44.4 66.6





#71

Bromoform

Concen: 97.601 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

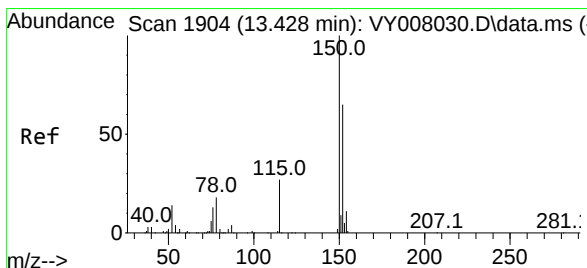
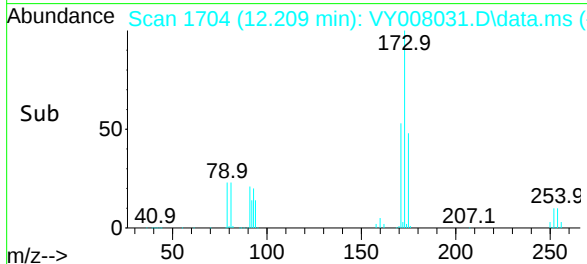
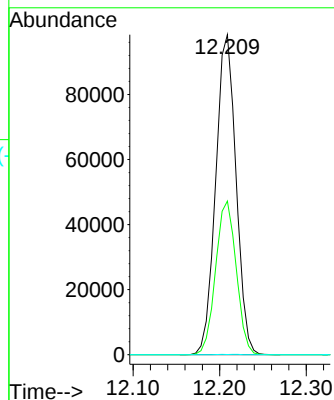
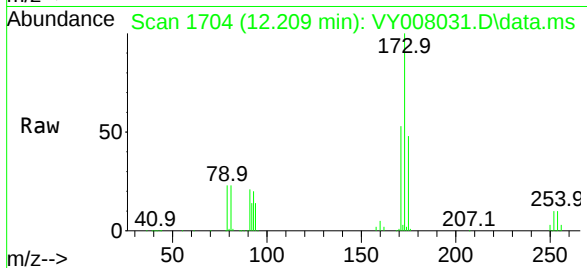
Tgt Ion:173 Resp: 160311

Ion Ratio Lower Upper

173 100

175 48.6 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: VY008031.D

Acq: 25 Mar 2022 17:23

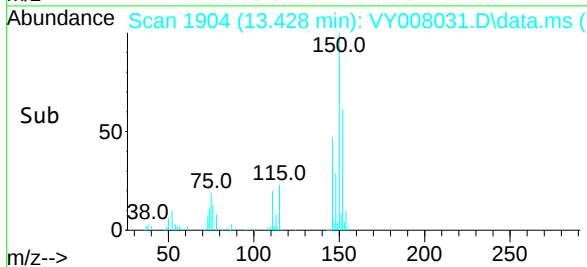
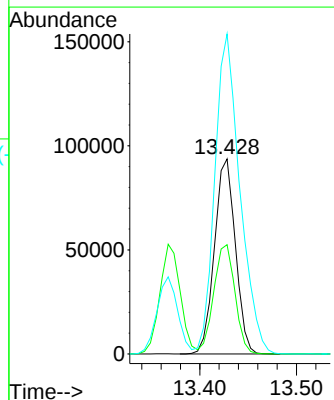
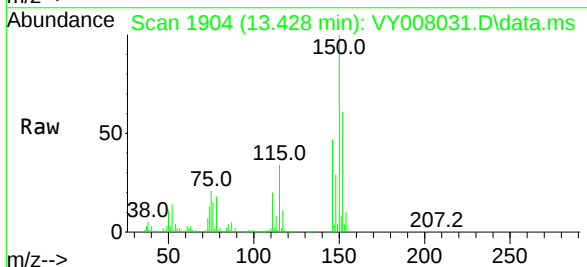
Tgt Ion:152 Resp: 140868

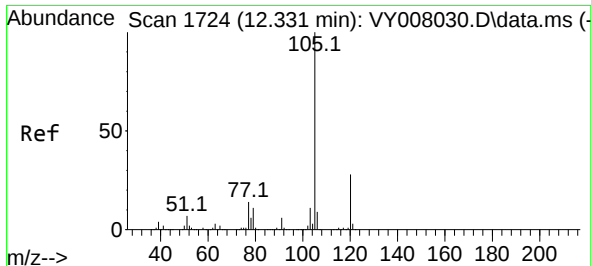
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 196.6 0.0 347.6

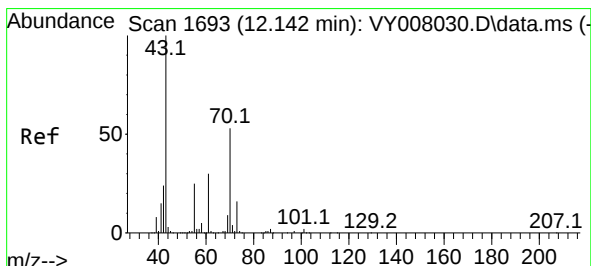
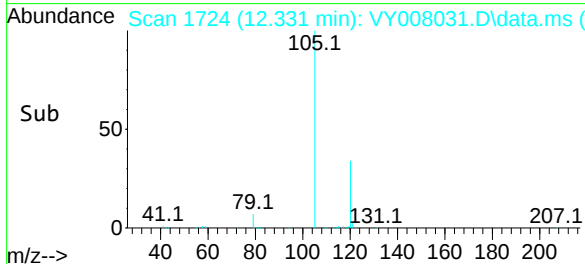
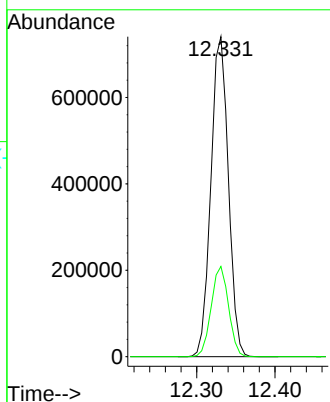
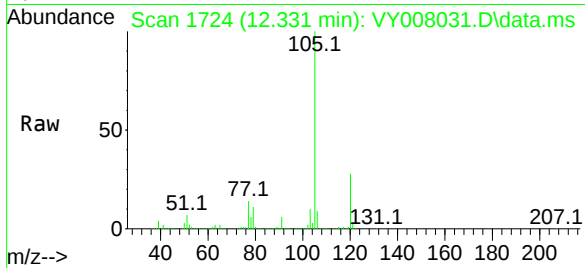




#73
Isopropylbenzene
Concen: 94.281 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

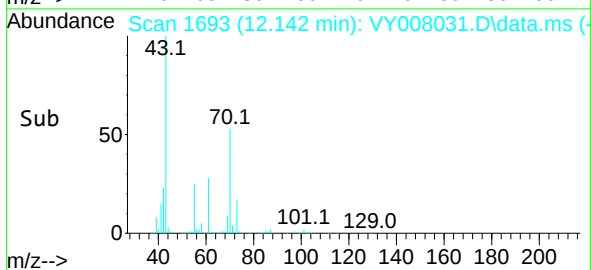
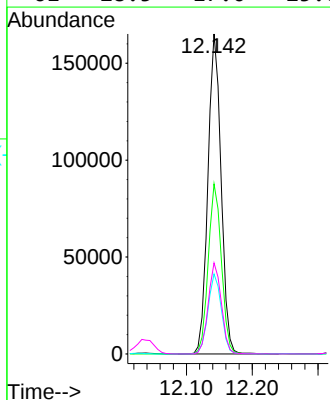
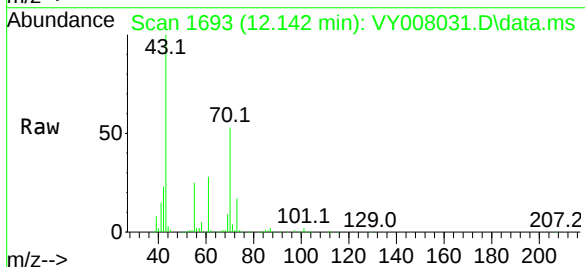
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

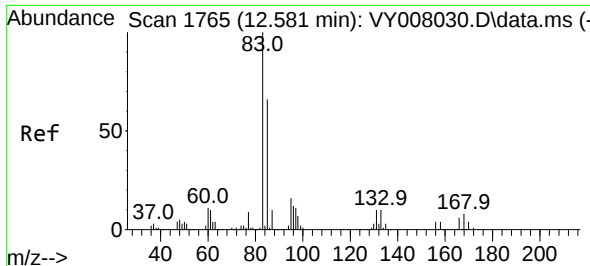
Tgt Ion:105 Resp: 1147026
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2



#74
N-ethyl acetate
Concen: 62.681 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 43 Resp: 230136
Ion Ratio Lower Upper
43 100
70 53.2 28.7 43.1#
55 25.5 17.3 25.9
61 28.5 17.0 25.6#

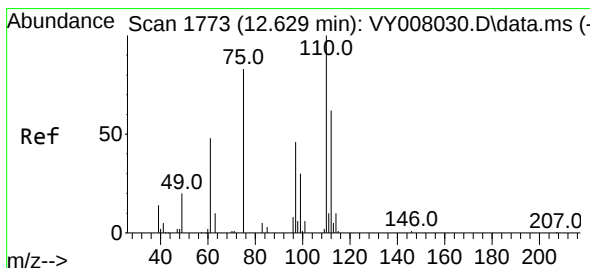
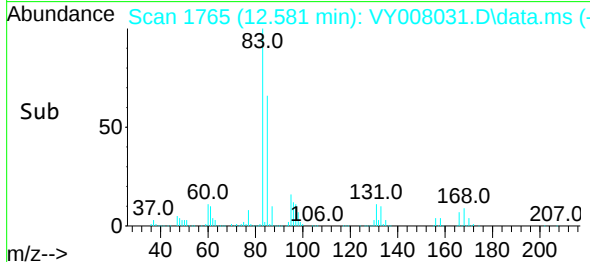
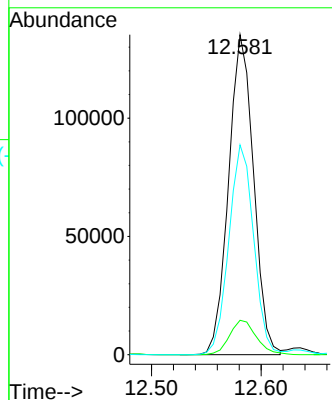
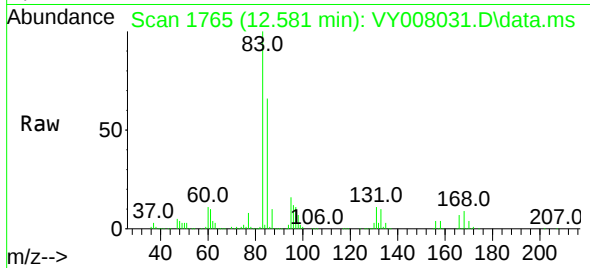




#75
1,1,2,2-Tetrachloroethane
Concen: 75.647 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

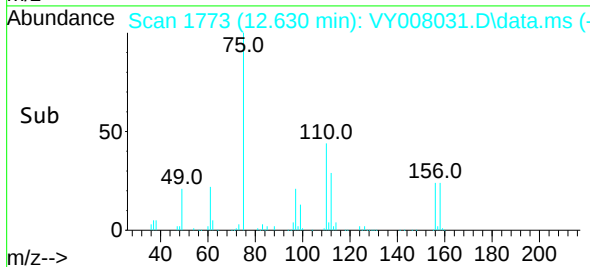
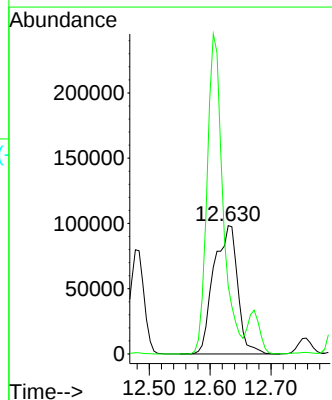
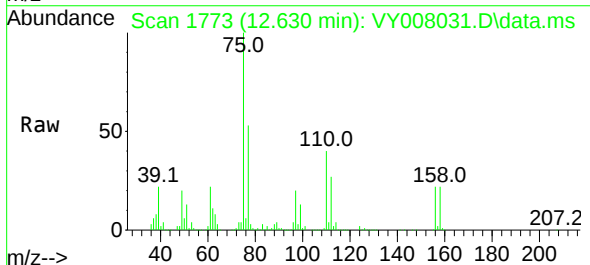
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

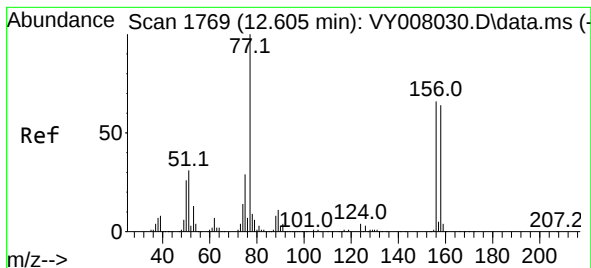
Tgt Ion: 83 Resp: 214069
Ion Ratio Lower Upper
83 100
131 11.6 5.6 16.8
85 65.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 78.649 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 75 Resp: 267771
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 95.784 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

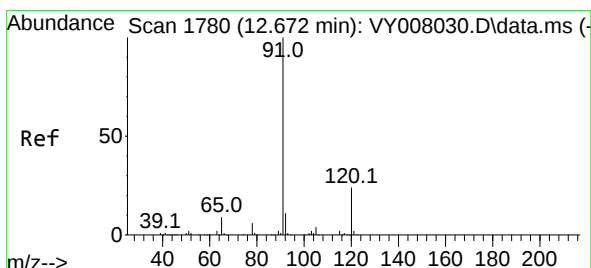
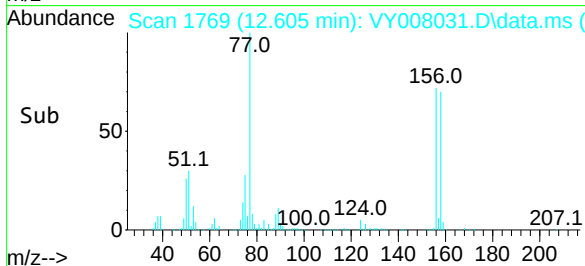
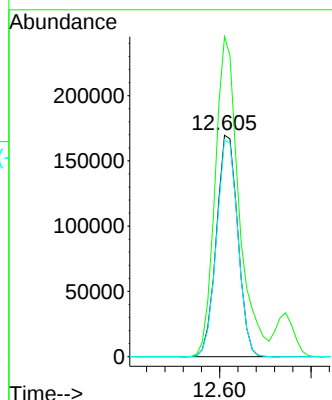
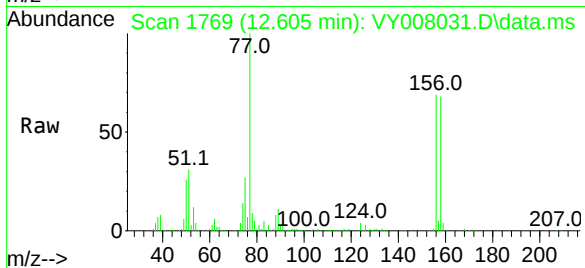
Tgt Ion:156 Resp: 275971

Ion Ratio Lower Upper

156 100

77 161.2 95.5 286.4

158 98.0 48.0 144.0



#78

n-propylbenzene

Concen: 89.436 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008031.D

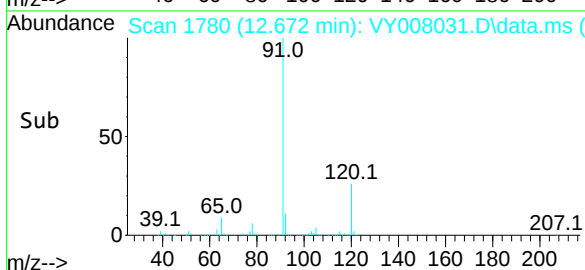
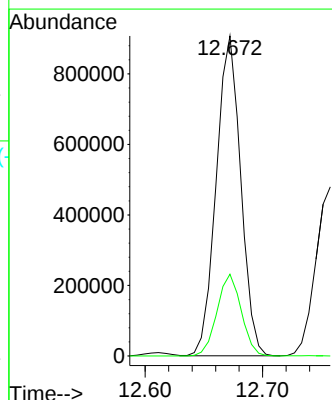
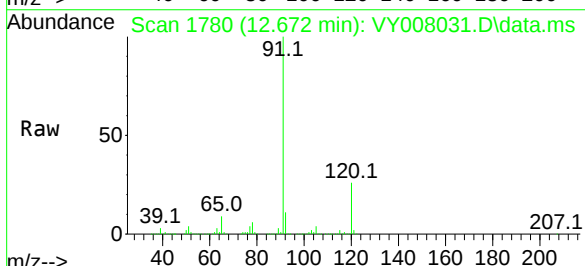
Acq: 25 Mar 2022 17:23

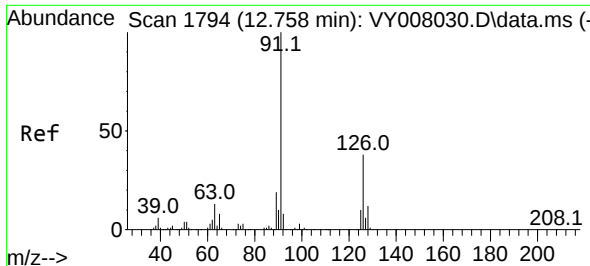
Tgt Ion: 91 Resp: 1314268

Ion Ratio Lower Upper

91 100

120 25.2 11.3 33.9

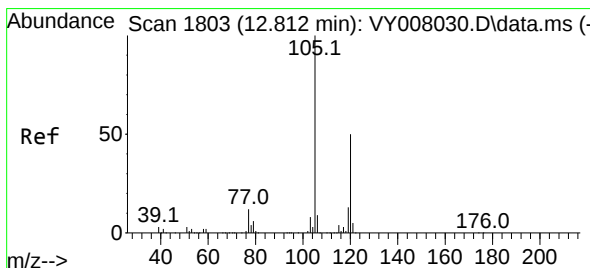
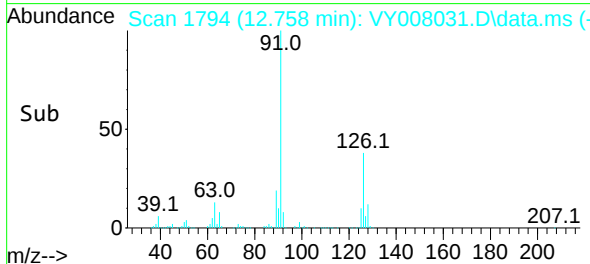
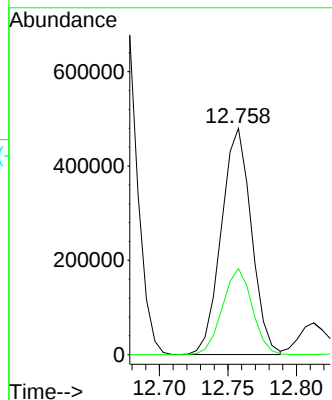
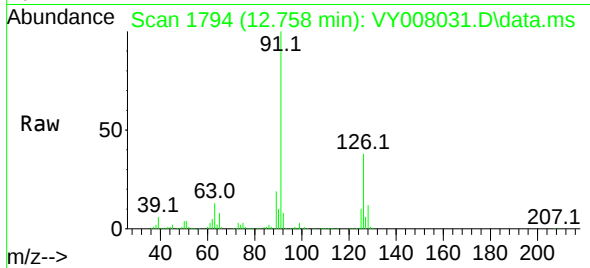




#79
2-Chlorotoluene
Concen: 87.342 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

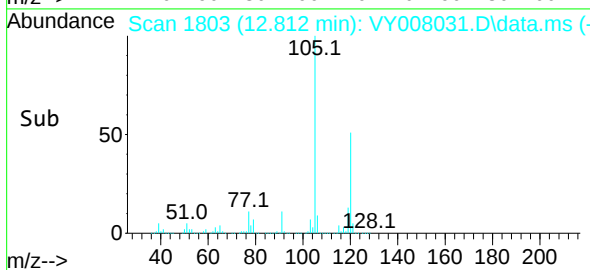
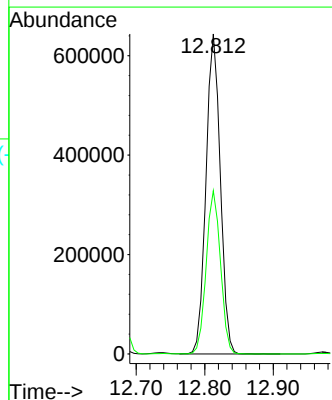
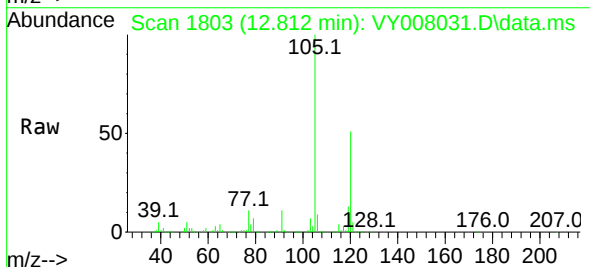
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

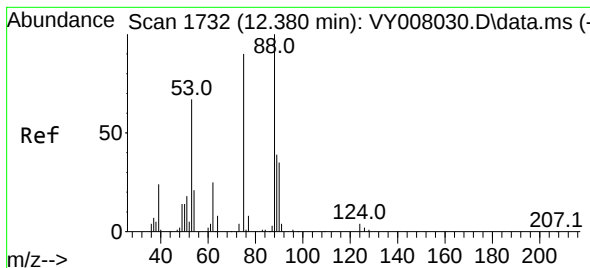
Tgt Ion: 91 Resp: 733140
Ion Ratio Lower Upper
91 100
126 37.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 93.054 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 105 Resp: 935958
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.4

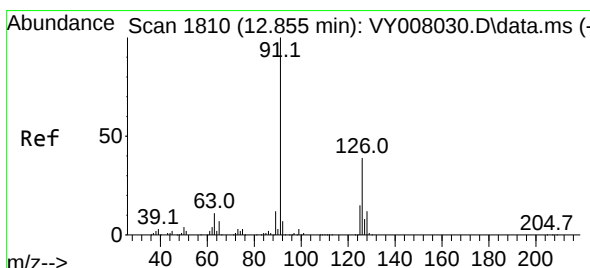
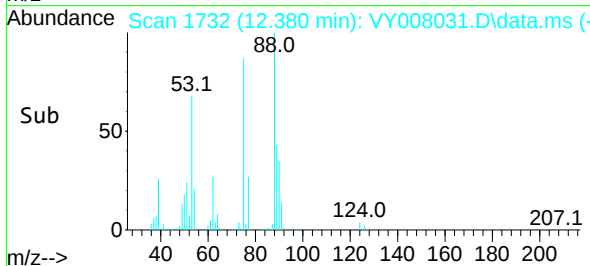
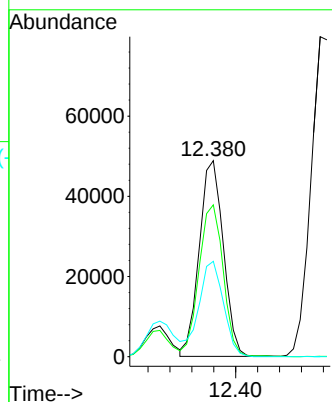
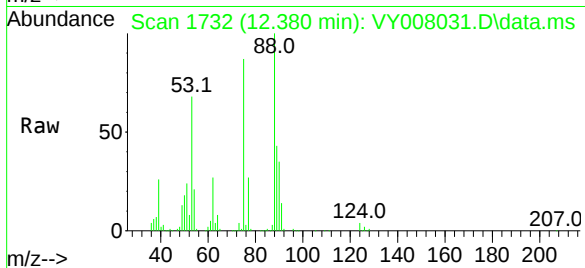




#81
trans-1,4-Dichloro-2-butene
Concen: 76.125 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

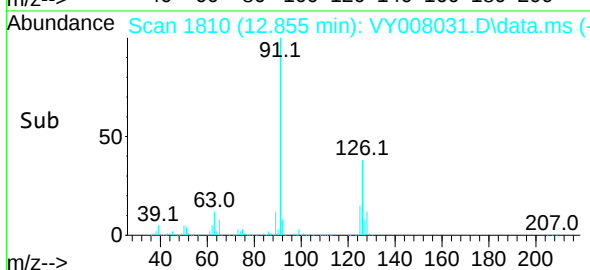
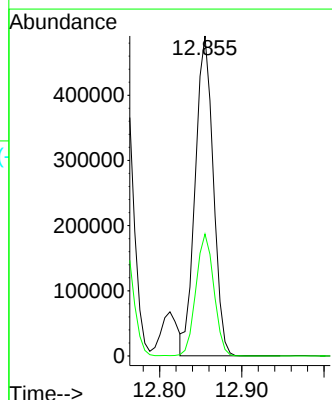
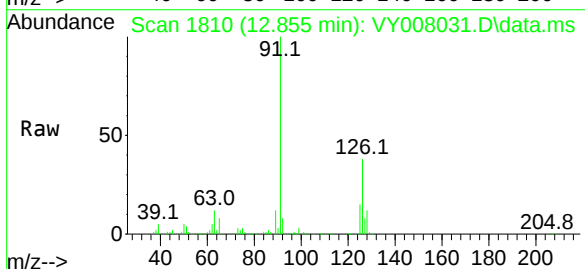
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

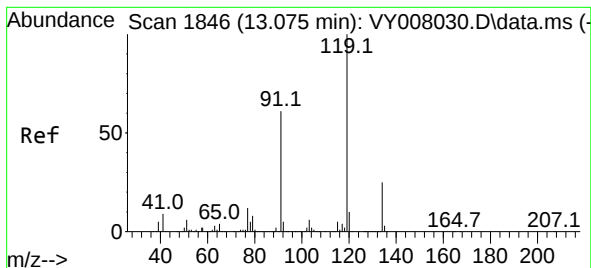
Tgt Ion: 75 Resp: 74410
Ion Ratio Lower Upper
75 100
53 78.5 85.3 127.9#
89 50.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 86.099 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 91 Resp: 745751
Ion Ratio Lower Upper
91 100
126 38.1 17.0 51.0

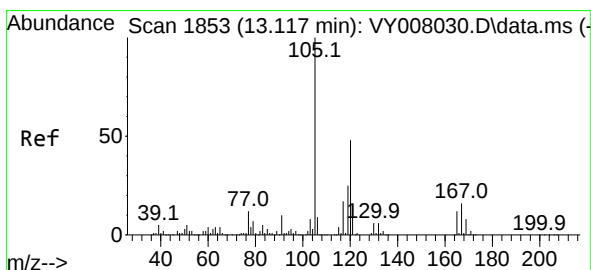
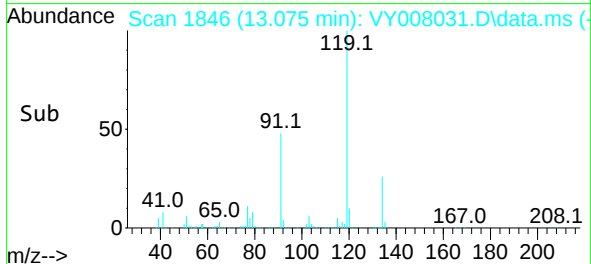
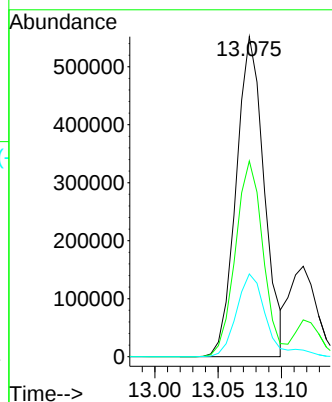
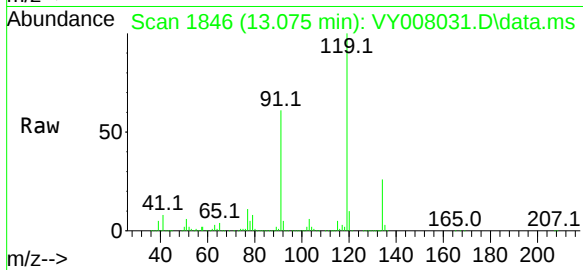




#83
tert-Butylbenzene
Concen: 97.875 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

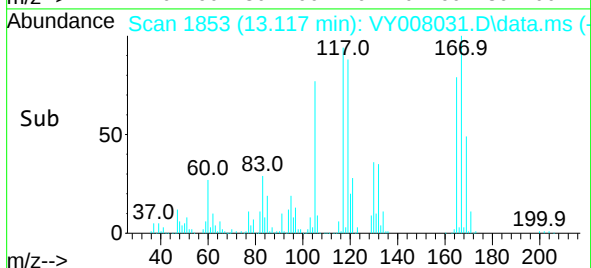
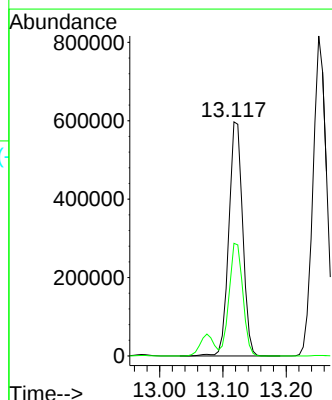
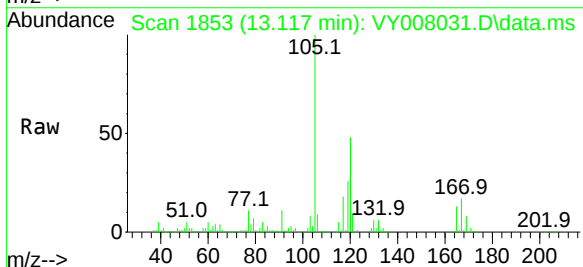
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

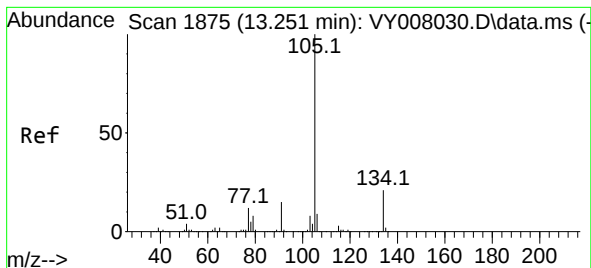
Tgt Ion:119 Resp: 851478
Ion Ratio Lower Upper
119 100
91 61.0 34.8 104.4
134 27.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 91.143 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion:105 Resp: 905980
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 92.467 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

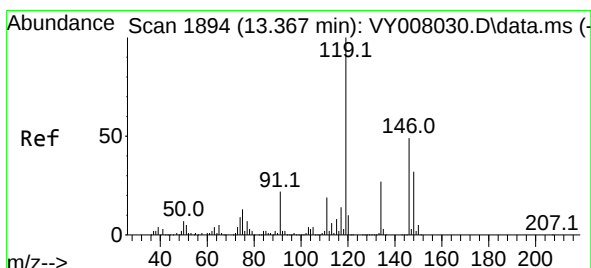
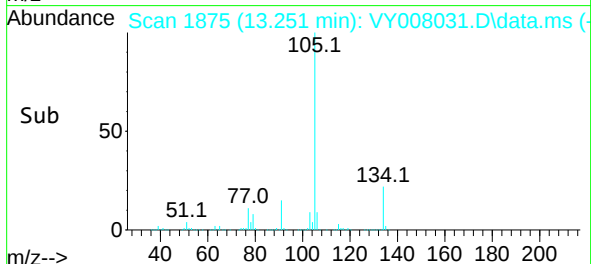
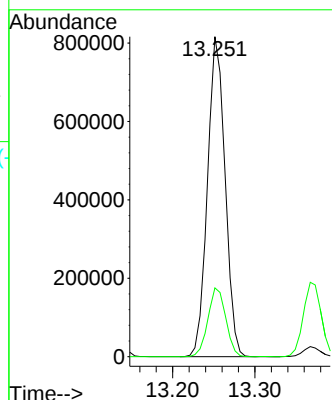
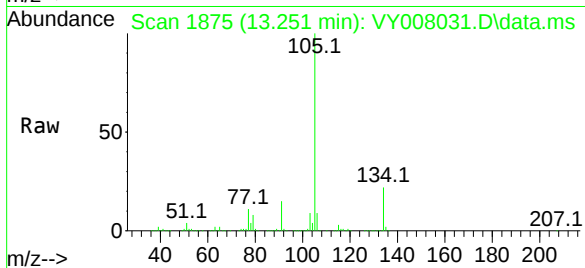
VSTDIC100

Tgt Ion:105 Resp: 1212827

Ion Ratio Lower Upper

105 100

134 21.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 96.098 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

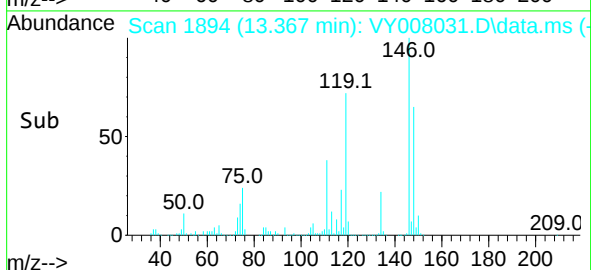
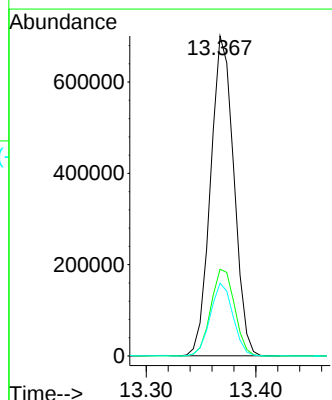
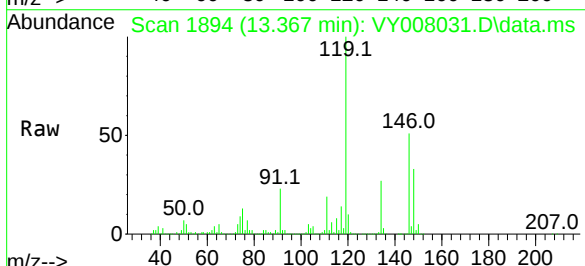
Tgt Ion:119 Resp: 1031729

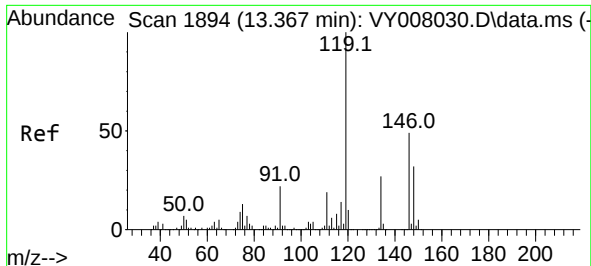
Ion Ratio Lower Upper

119 100

134 27.7 13.2 39.5

91 22.2 12.4 37.2

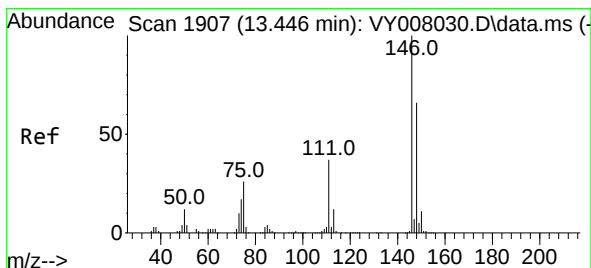
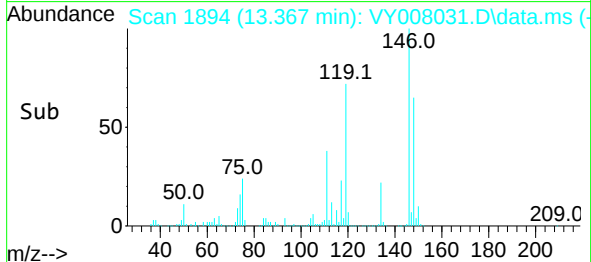
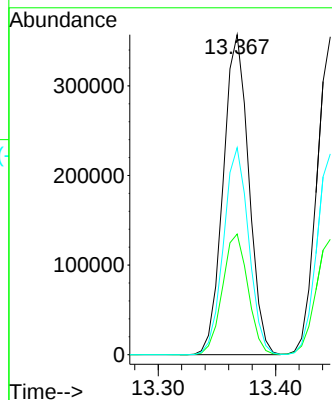
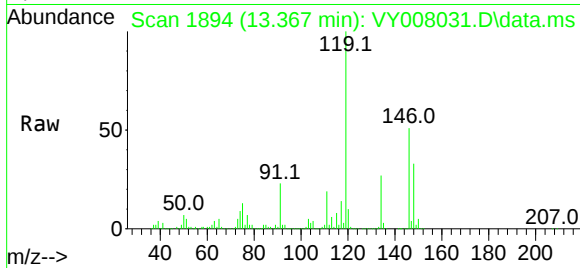




#87
1,3-Dichlorobenzene
Concen: 95.918 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

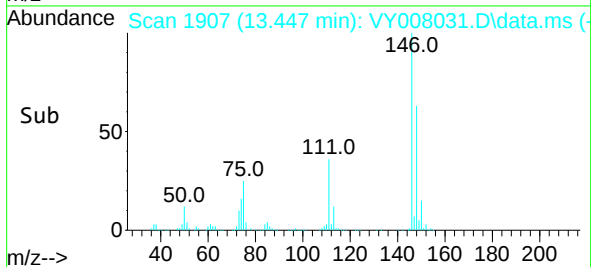
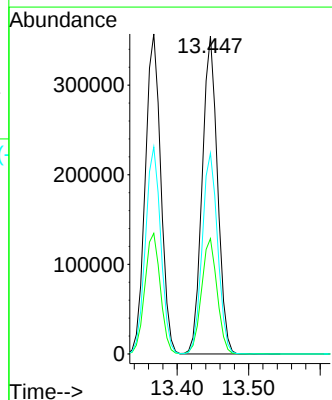
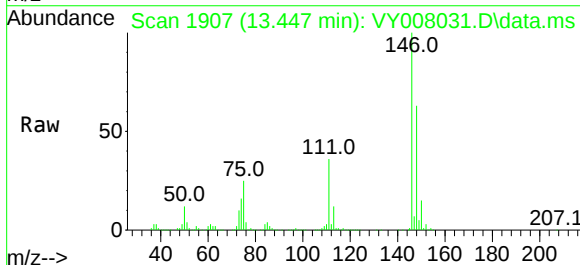
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

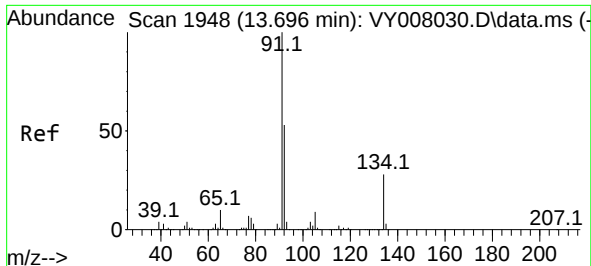
Tgt Ion:146 Resp: 539747
Ion Ratio Lower Upper
146 100
111 37.7 19.5 58.5
148 63.8 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 93.757 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion:146 Resp: 528547
Ion Ratio Lower Upper
146 100
111 36.8 19.3 57.8
148 64.0 32.6 97.8

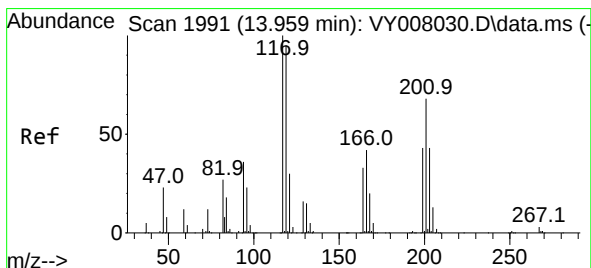
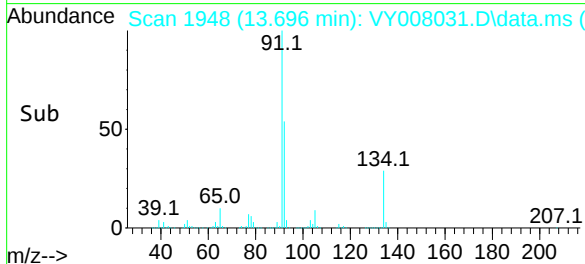
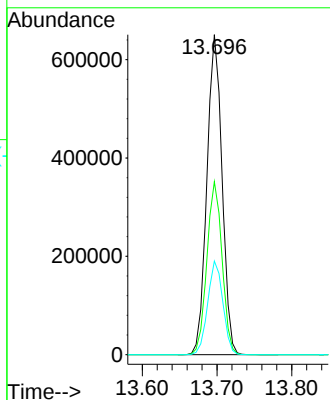
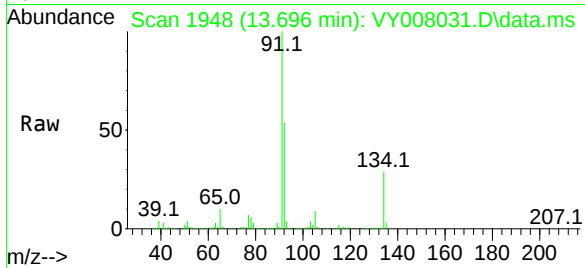




#89
n-Butylbenzene
Concen: 89.169 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

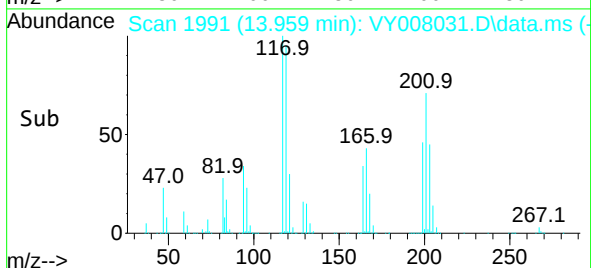
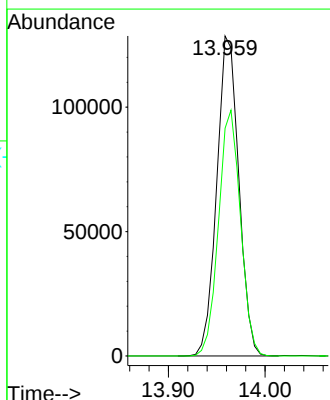
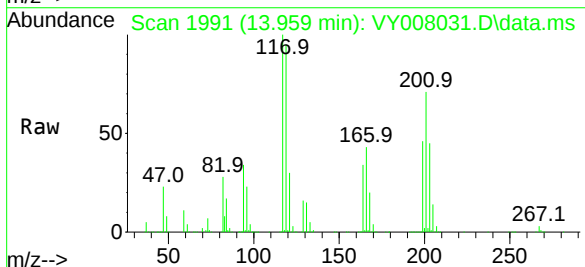
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

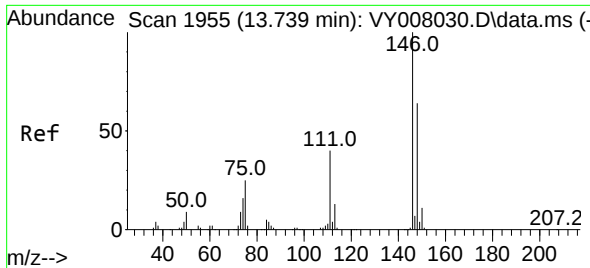
Tgt Ion: 91 Resp: 915822
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 29.3 13.0 38.9



#90
Hexachloroethane
Concen: 97.341 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 117 Resp: 203118
Ion Ratio Lower Upper
117 100
201 76.5 43.0 128.8

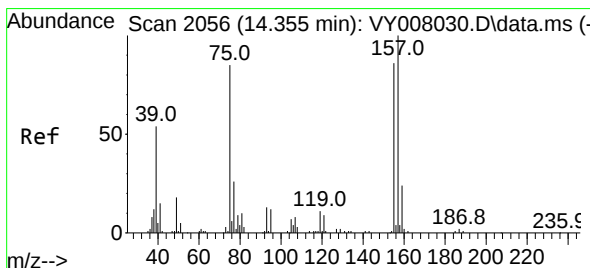
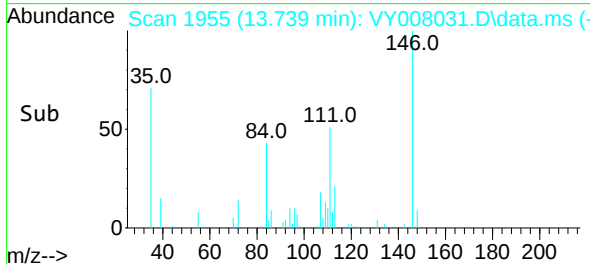
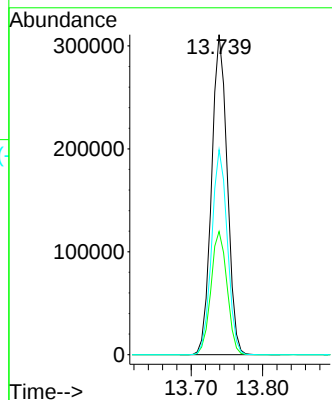
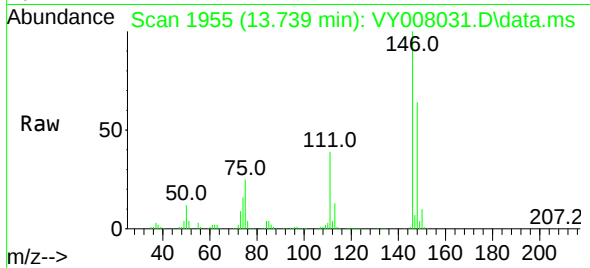




#91
1,2-Dichlorobenzene
Concen: 92.908 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

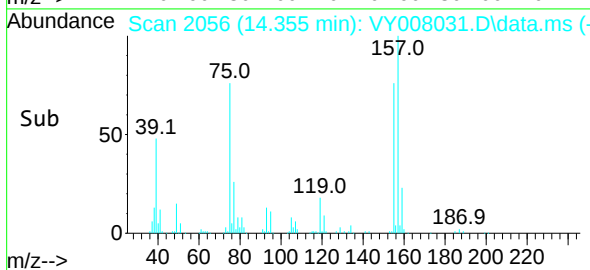
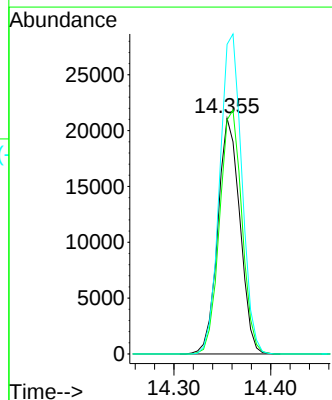
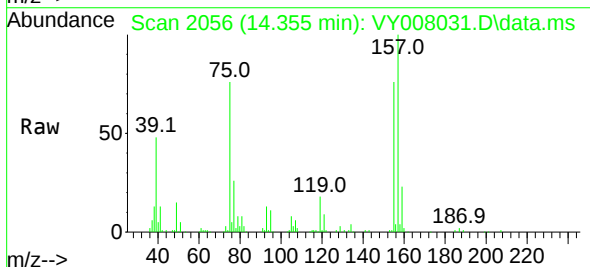
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

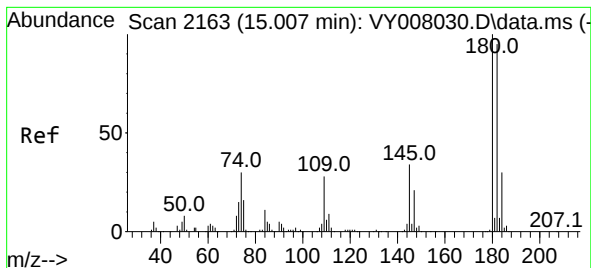
Tgt Ion:146 Resp: 473120
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 63.9 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 72.277 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY008031.D
Acq: 25 Mar 2022 17:23

Tgt Ion: 75 Resp: 33339
Ion Ratio Lower Upper
75 100
155 104.2 38.0 113.9
157 136.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 98.769 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

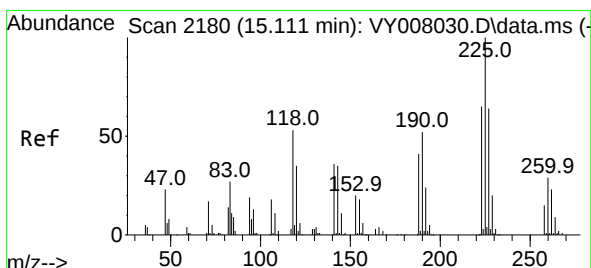
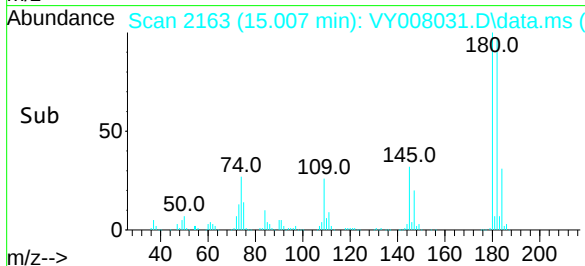
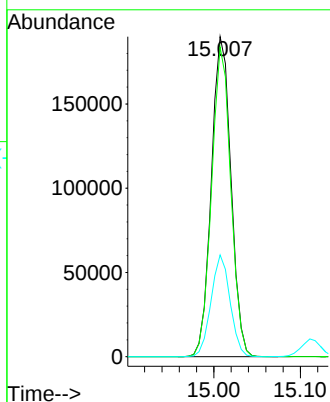
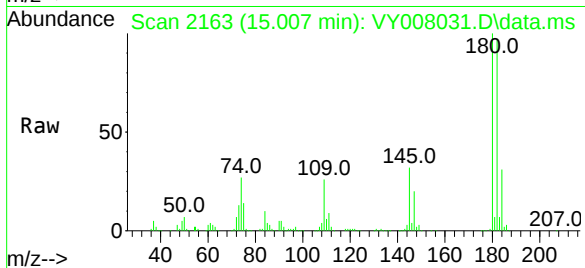
Tgt Ion:180 Resp: 298694

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 30.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 105.878 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

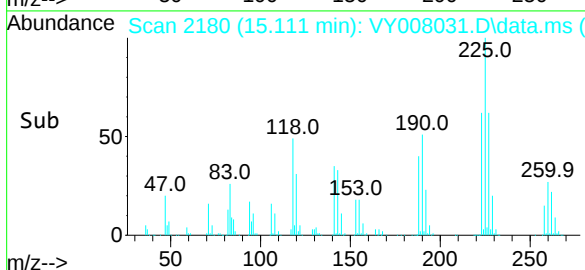
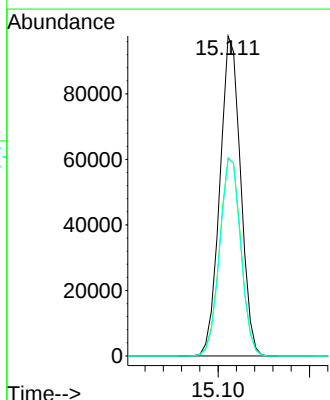
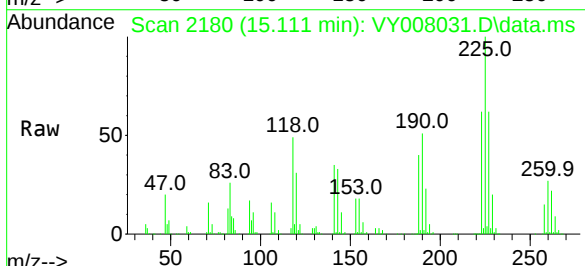
Tgt Ion:225 Resp: 154002

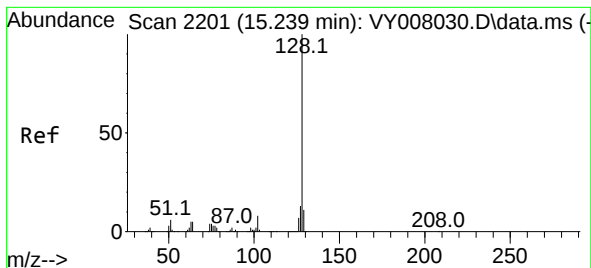
Ion Ratio Lower Upper

225 100

223 63.5 30.8 92.3

227 62.8 31.6 94.7





#95

Naphthalene

Concen: 87.028 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

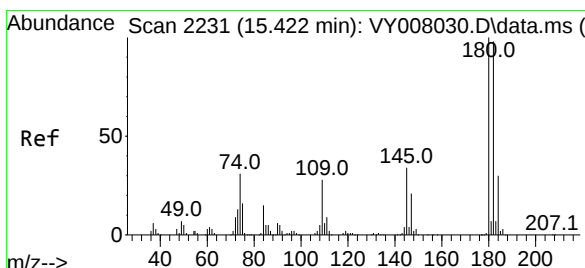
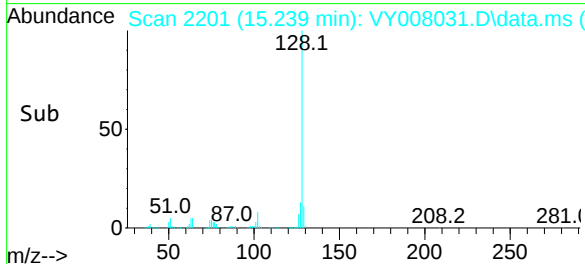
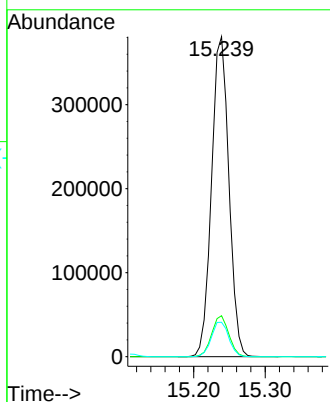
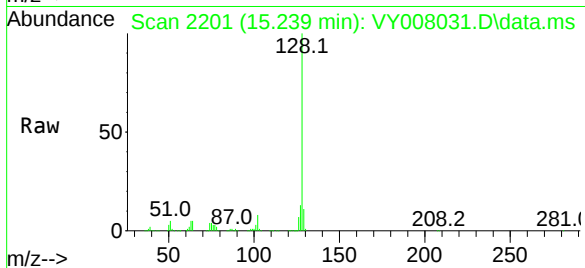
Tgt Ion:128 Resp: 640939

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 96.904 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008031.D

Acq: 25 Mar 2022 17:23

Tgt Ion:180 Resp: 256845

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 33.1 15.3 45.9

