

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008300.D
 Acq On : 12 Apr 2022 20:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 08:18:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	117572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58221	52.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.440%	
35) Dibromofluoromethane	7.716	113	59562	49.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.400%	
50) Toluene-d8	10.179	98	206668	50.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.483	95	79502	51.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.100%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	36464	37.450	ug/l	99
3) Chloromethane	2.113	50	51785	46.597	ug/l	94
4) Vinyl Chloride	2.253	62	70649	42.180	ug/l	100
5) Bromomethane	2.650	94	66659	51.363	ug/l	99
6) Chloroethane	2.796	64	51735	44.100	ug/l	97
7) Trichlorofluoromethane	3.125	101	85417	42.858	ug/l	91
8) Diethyl Ether	3.528	74	34116	47.366	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.899	101	55105	42.565	ug/l	93
10) Methyl Iodide	4.088	142	57581	40.287	ug/l	91
11) Tert butyl alcohol	4.954	59	32619	276.275	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	49418	42.615	ug/l #	80
13) Acrolein	3.723	56	24212	260.442	ug/l	99
14) Allyl chloride	4.479	41	69946	46.216	ug/l #	92
15) Acrylonitrile	5.161	53	92135	261.535	ug/l	97
16) Acetone	3.948	43	63210	237.963	ug/l	90
17) Carbon Disulfide	4.192	76	119921	39.199	ug/l	99
18) Methyl Acetate	4.472	43	37834	60.174	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	182374	50.961	ug/l	94
20) Methylene Chloride	4.710	84	72831	52.246	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	61311	44.127	ug/l #	82
22) Diisopropyl ether	6.119	45	178450	49.977	ug/l #	91
23) Vinyl Acetate	6.058	43	617671	266.973	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	109805	47.908	ug/l	97
25) 2-Butanone	6.984	43	111100	267.481	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	99265	47.029	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	81199	49.256	ug/l	81
28) Bromochloromethane	7.332	49	48559	55.274	ug/l #	69
29) Tetrahydrofuran	7.344	42	73663	274.690	ug/l #	71
30) Chloroform	7.509	83	127925	49.985	ug/l	99
31) Cyclohexane	7.783	56	81737	40.929	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	106619	47.623	ug/l	94
36) 1,1-Dichloropropene	7.917	75	83786	43.783	ug/l	95
37) Ethyl Acetate	7.070	43	50882	51.566	ug/l #	89
38) Carbon Tetrachloride	7.899	117	92180	44.775	ug/l	96
39) Methylcyclohexane	9.185	83	105681	42.921	ug/l #	85
40) Benzene	8.161	78	266132	46.702	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	68629	124.324	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	82038	49.622	ug/l	90
43) Isopropyl Acetate	8.271	43	96227	52.546	ug/l #	84
44) Trichloroethene	8.941	130	73961	45.541	ug/l	100
45) 1,2-Dichloropropane	9.216	63	68284	49.051	ug/l	93
46) Dibromomethane	9.307	93	47149	51.173	ug/l	95
47) Bromodichloromethane	9.496	83	102838	49.630	ug/l	99
48) Methyl methacrylate	9.289	41	41206	52.931	ug/l #	71
49) 1,4-Dioxane	9.295	88	14385	1209.817	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	261678	276.728	ug/l #	83
52) Toluene	10.246	92	180782	48.150	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	108040	51.162	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	117885	49.481	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	68960	52.469	ug/l	97
56) Ethyl methacrylate	10.508	69	88246	54.764	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	108534	51.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	174936	275.609	ug/l #	88
59) 2-Hexanone	10.831	43	182174	279.979	ug/l	78
60) Dibromochloromethane	10.984	129	80384	52.358	ug/l	100
61) 1,2-Dibromoethane	11.087	107	66690	51.899	ug/l	99
64) Tetrachloroethene	10.721	164	61544	43.032	ug/l	94
65) Chlorobenzene	11.514	112	206606	46.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	79432	48.371	ug/l	97
67) Ethyl Benzene	11.593	91	345131	46.118	ug/l	97
68) m/p-Xylenes	11.703	106	278235	93.485	ug/l	90
69) o-Xylene	12.032	106	137128	47.478	ug/l	89
70) Styrene	12.044	104	234386	49.206	ug/l	94
71) Bromoform	12.209	173	50290	50.806	ug/l #	99
73) Isopropylbenzene	12.331	105	347238	45.258	ug/l	99
74) N-amyl acetate	12.142	43	88714	53.258	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	83453	51.404	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	100807	88.325	ug/l #	100
77) Bromobenzene	12.611	156	85890	45.683	ug/l	94
78) n-propylbenzene	12.672	91	411384	45.439	ug/l	98
79) 2-Chlorotoluene	12.758	91	236111	46.470	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	288431	45.846	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	26355	51.667	ug/l #	82
82) 4-Chlorotoluene	12.855	91	245354	46.990	ug/l	95
83) tert-Butylbenzene	13.075	119	258778	45.850	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	291605	46.836	ug/l	97
85) sec-Butylbenzene	13.251	105	381293	45.569	ug/l	99
86) p-Isopropyltoluene	13.367	119	323690	46.357	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	173438	46.579	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	171816	46.622	ug/l	99
89) n-Butylbenzene	13.696	91	286813	45.463	ug/l	98
90) Hexachloroethane	13.959	117	59984	45.963	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	157000	47.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12295	52.932	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	88514	45.174	ug/l	99
94) Hexachlorobutadiene	15.111	225	41011	41.228	ug/l	97
95) Naphthalene	15.239	128	213107	50.775	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	79403	46.309	ug/l	99

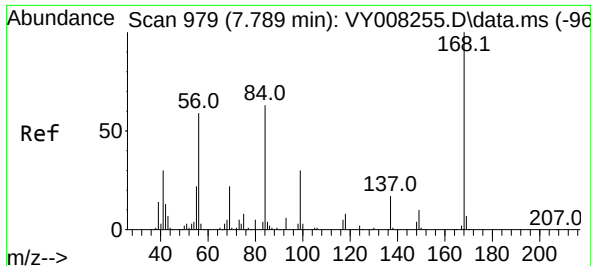
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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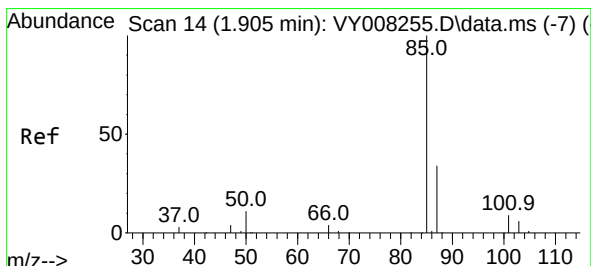
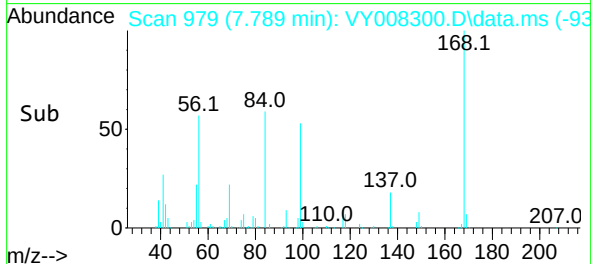
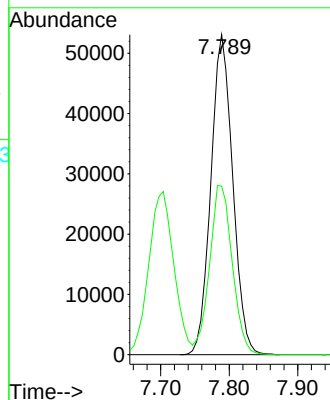
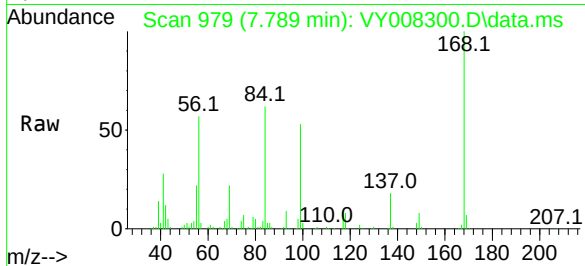
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

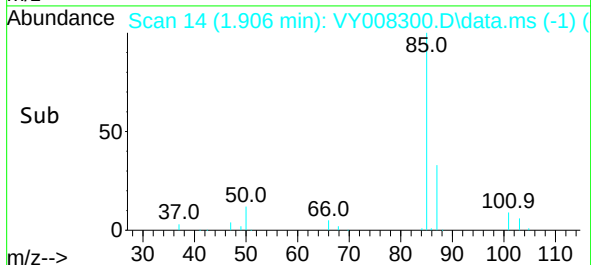
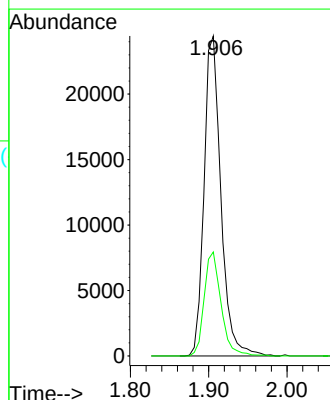
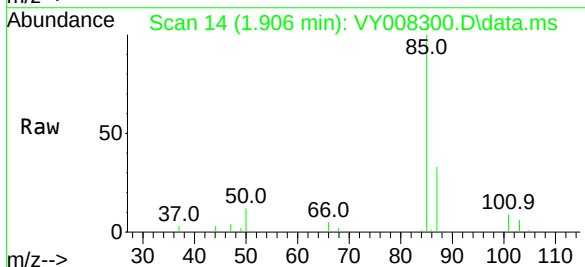
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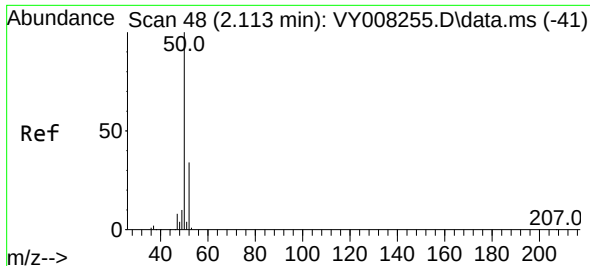
Tgt Ion:168 Resp: 117572
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 37.450 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 85 Resp: 36464
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

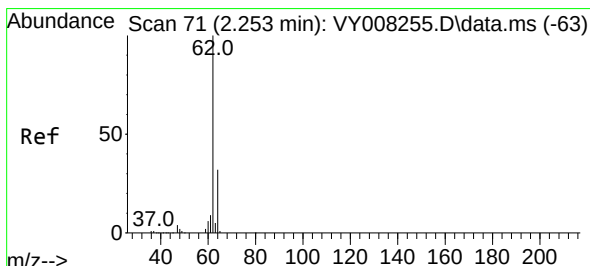
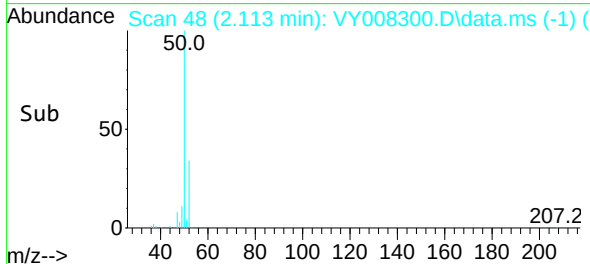
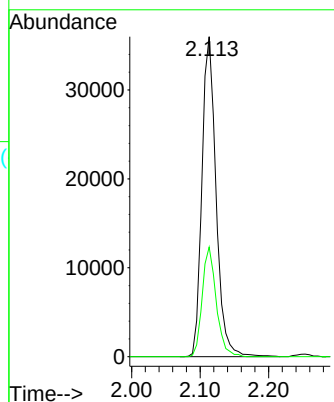
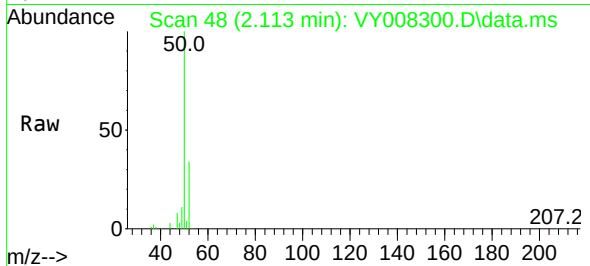




#3
Chloromethane
Concen: 46.597 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

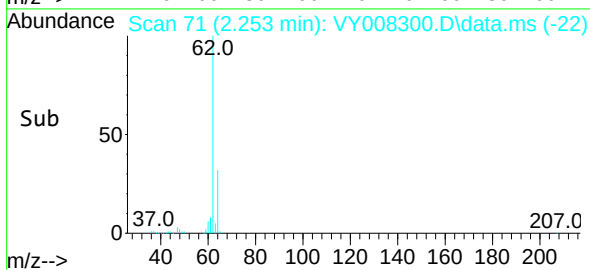
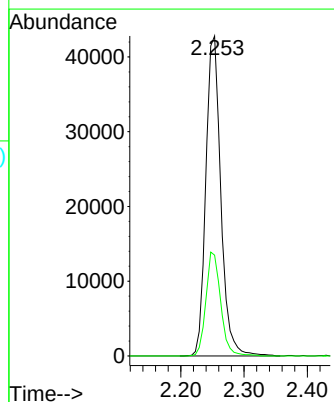
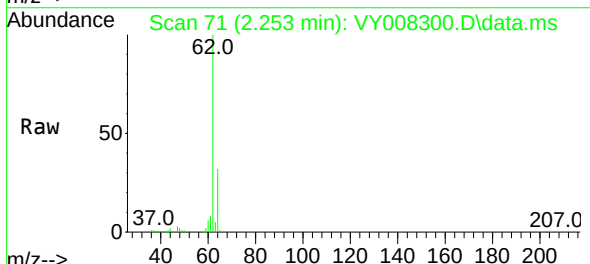
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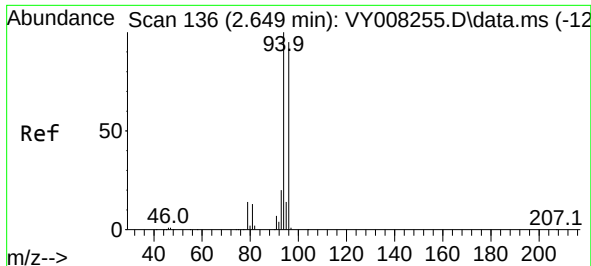
Tgt Ion: 50 Resp: 51785
Ion Ratio Lower Upper
50 100
52 34.2 24.6 37.0



#4
Vinyl Chloride
Concen: 42.180 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 62 Resp: 70649
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6

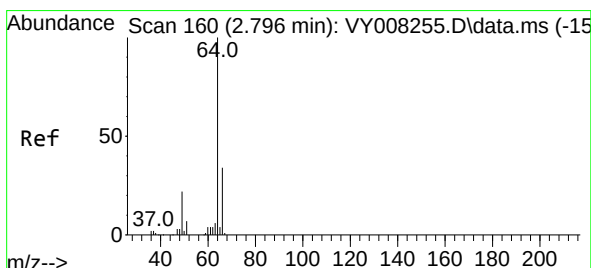
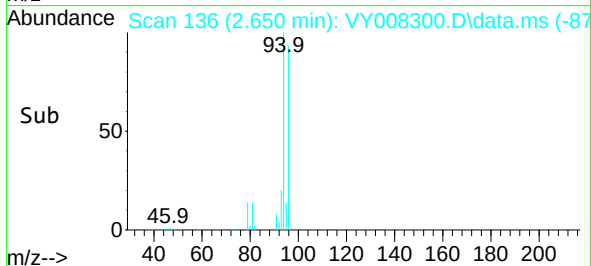
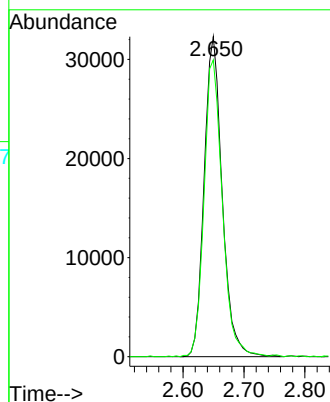
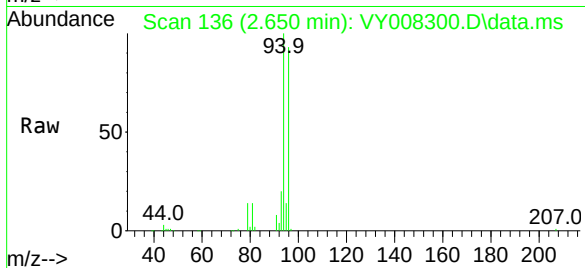




#5
Bromomethane
Concen: 51.363 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

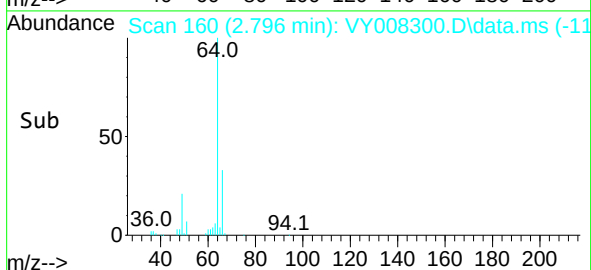
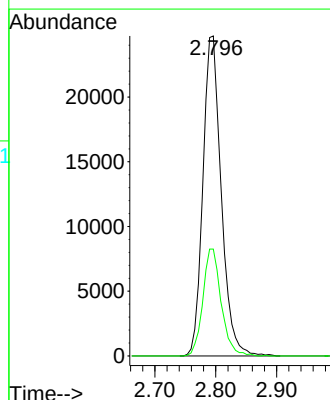
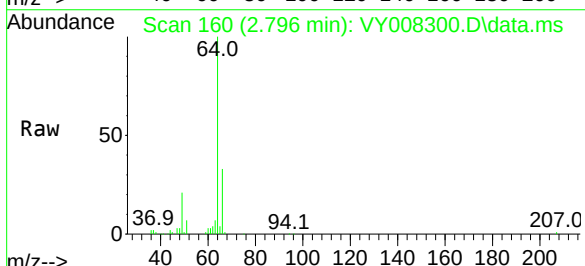
Instrument :
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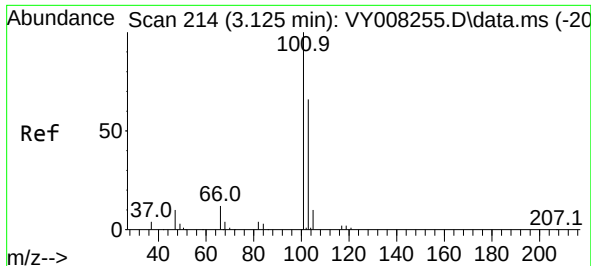
Tgt Ion: 94 Resp: 66659
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3



#6
Chloroethane
Concen: 44.100 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 64 Resp: 51735
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.0

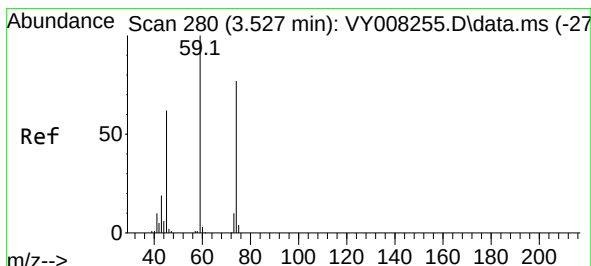
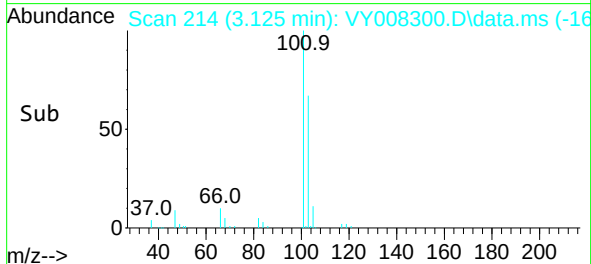
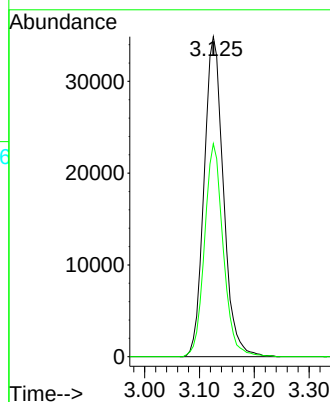
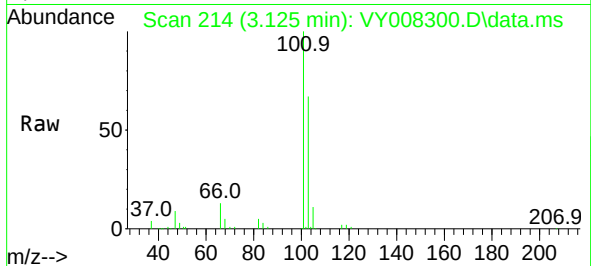




#7
Trichlorofluoromethane
Concen: 42.858 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

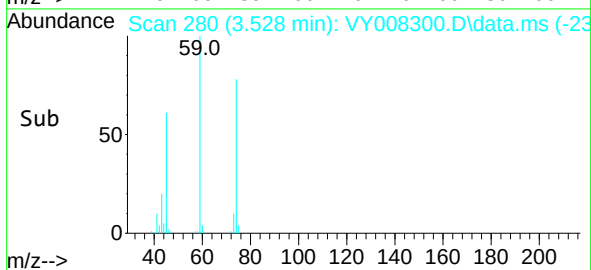
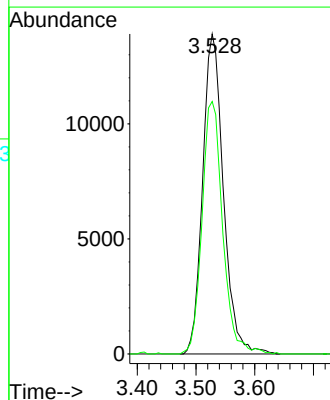
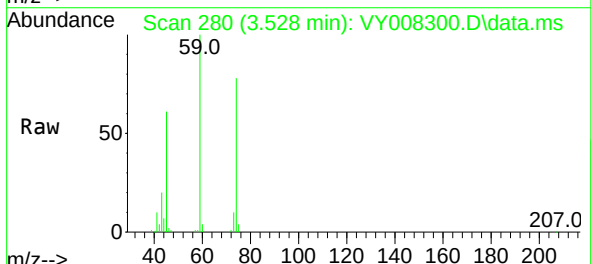
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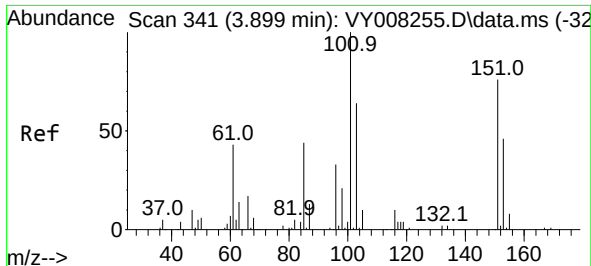
Tgt Ion:101 Resp: 85417
Ion Ratio Lower Upper
101 100
103 66.5 48.0 72.0



#8
Diethyl Ether
Concen: 47.366 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 74 Resp: 34116
Ion Ratio Lower Upper
74 100
45 78.7 55.1 165.5

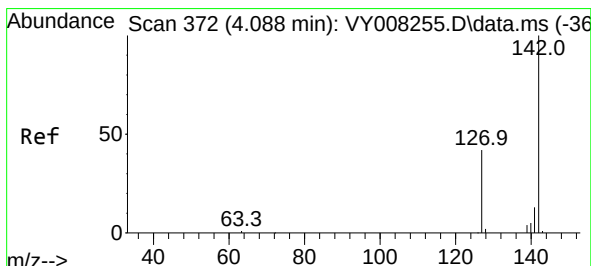
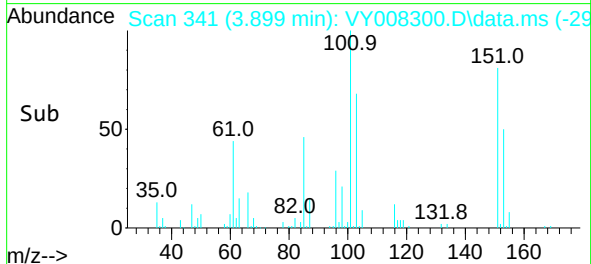
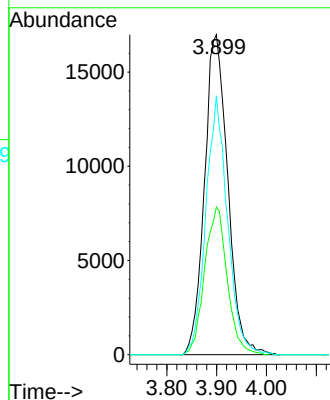
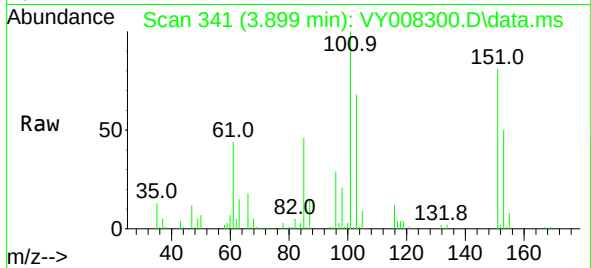




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.565 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008300.D
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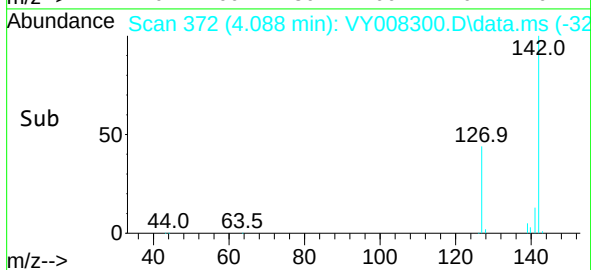
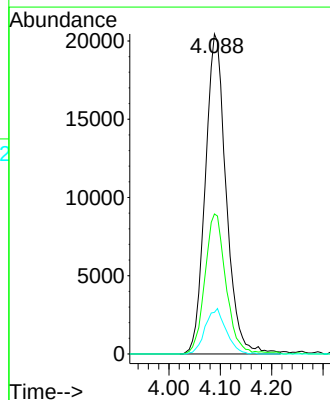
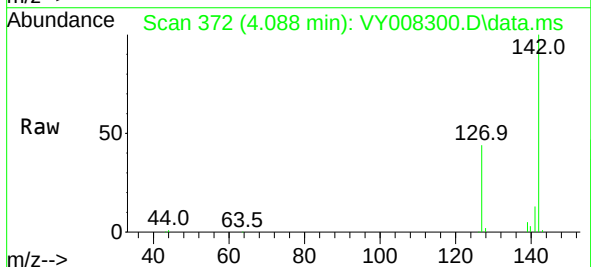
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ClientSampleId :
VSTDCCC050EC

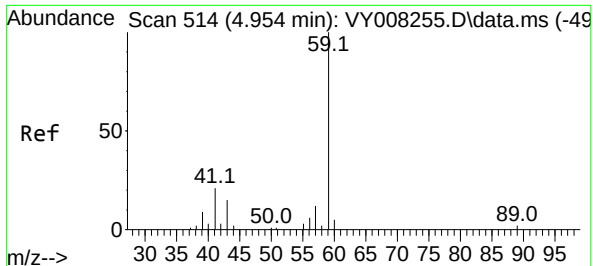
Tgt Ion:101 Resp: 55105
Ion Ratio Lower Upper
101 100
85 44.7 40.6 60.8
151 75.5 64.9 97.3



#10
Methyl Iodide
Concen: 40.287 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion:142 Resp: 57581
Ion Ratio Lower Upper
142 100
127 44.3 41.5 62.3
141 14.1 11.9 17.9

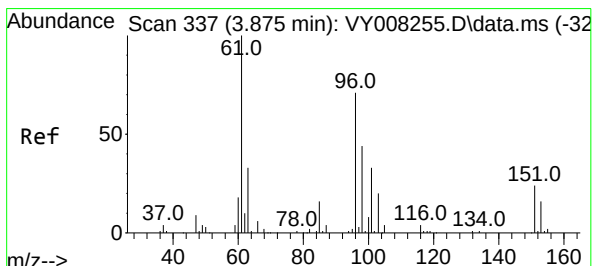
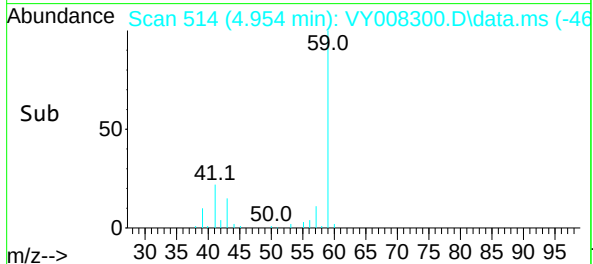
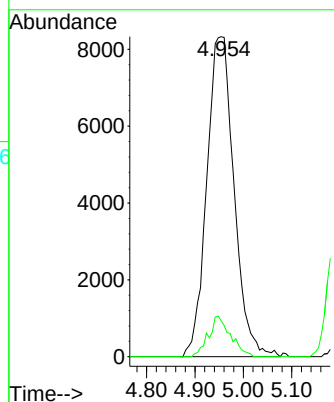
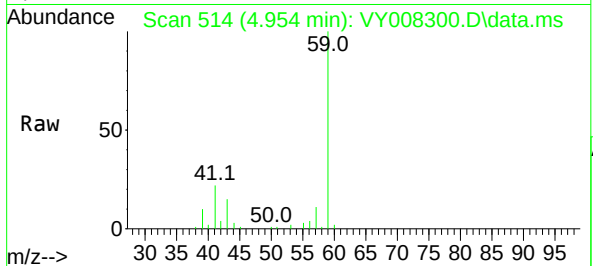




#11
Tert butyl alcohol
Concen: 276.275 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

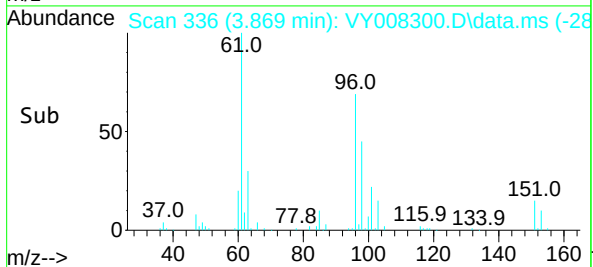
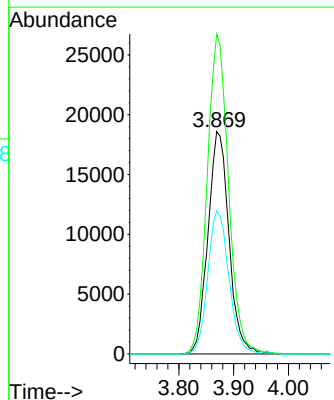
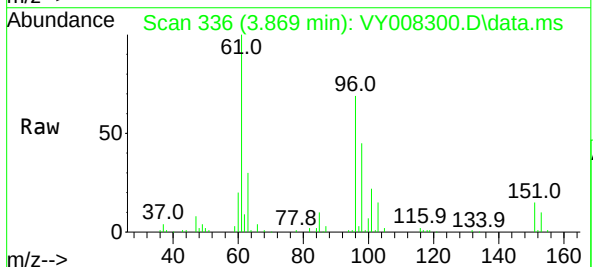
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

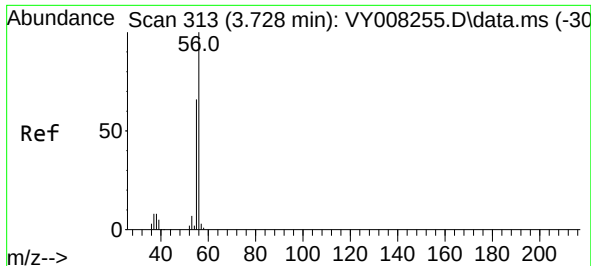
Tgt Ion: 59 Resp: 32619
Ion Ratio Lower Upper
59 100
57 10.2 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 42.615 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 96 Resp: 49418
Ion Ratio Lower Upper
96 100
61 143.9 145.8 218.6#
98 64.3 52.5 78.7





#13

Acrolein

Concen: 260.442 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.005 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

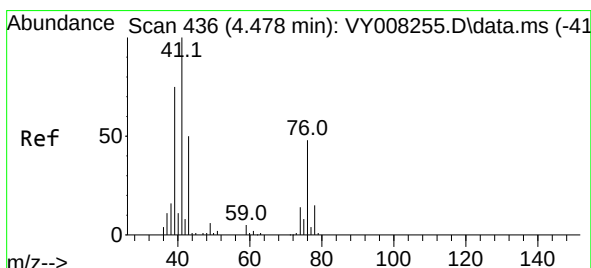
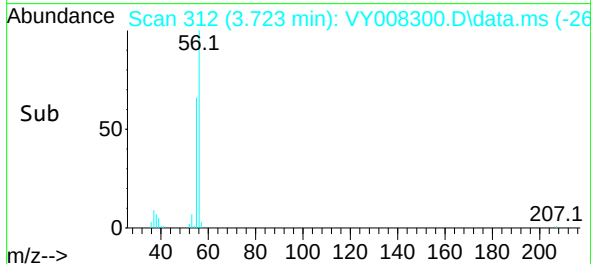
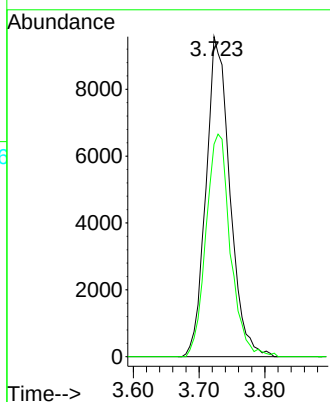
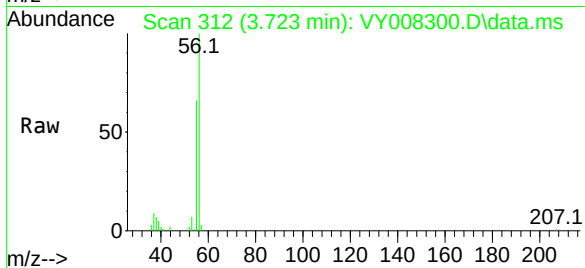
VSTDCCC050EC

Tgt Ion: 56 Resp: 24212

Ion Ratio Lower Upper

56 100

55 71.1 57.6 86.4



#14

Allyl chloride

Concen: 46.216 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

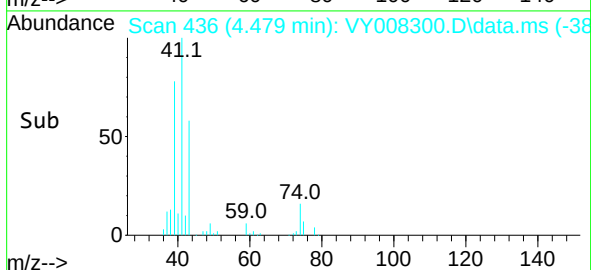
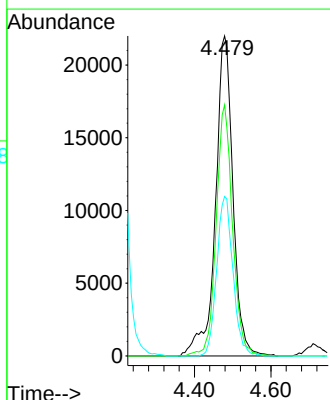
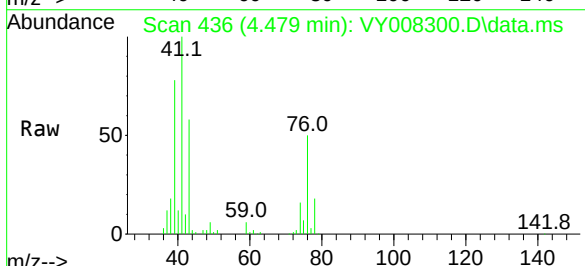
Tgt Ion: 41 Resp: 69946

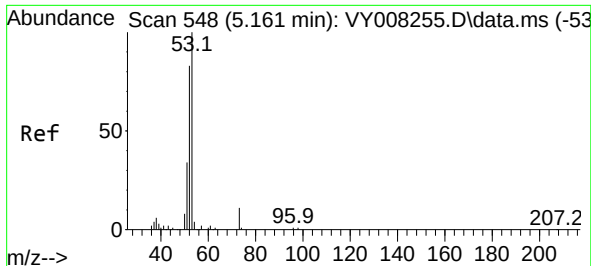
Ion Ratio Lower Upper

41 100

39 73.4 58.8 88.2

76 46.3 25.1 37.7#

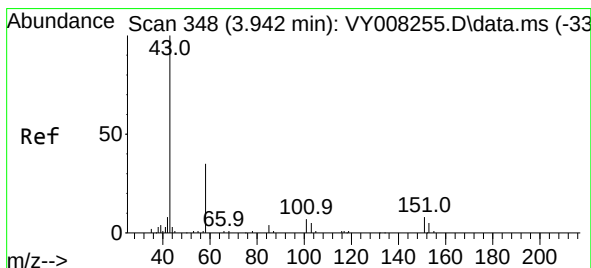
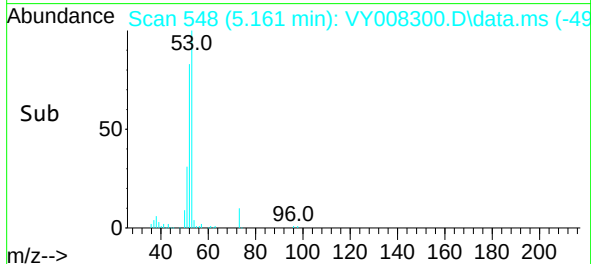
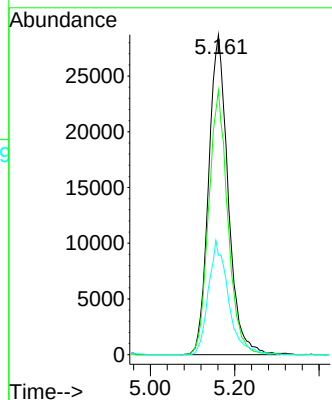
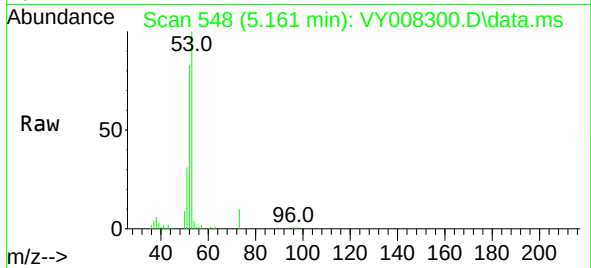




#15
Acrylonitrile
Concen: 261.535 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

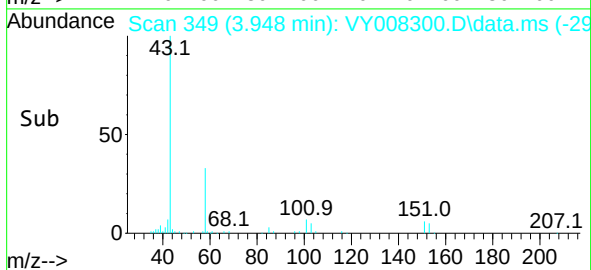
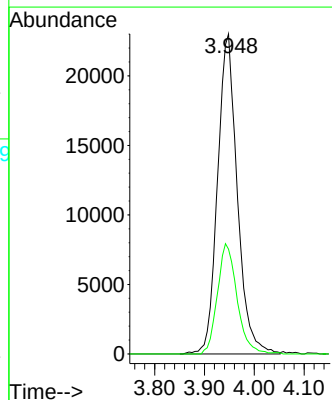
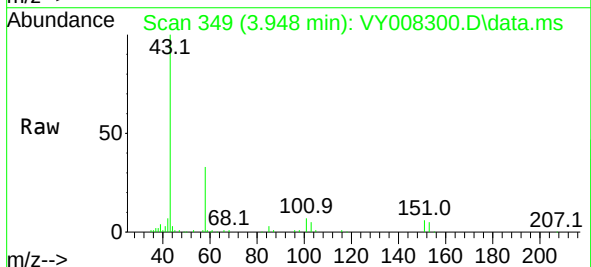
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

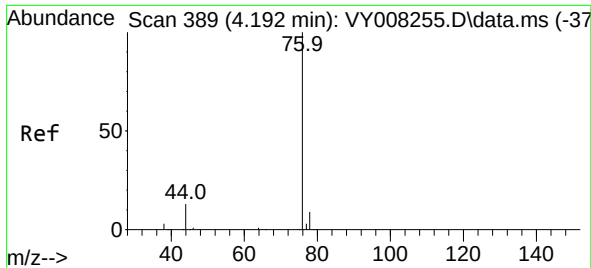
Tgt Ion: 53 Resp: 92135
Ion Ratio Lower Upper
53 100
52 80.9 67.0 100.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 237.963 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 43 Resp: 63210
Ion Ratio Lower Upper
43 100
58 32.7 22.0 33.0

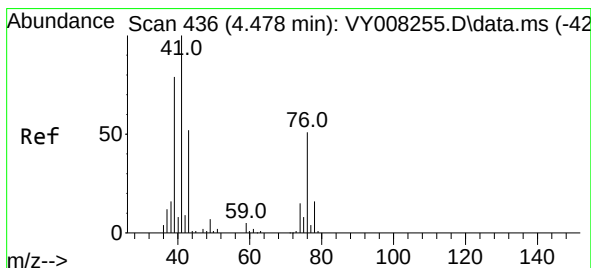
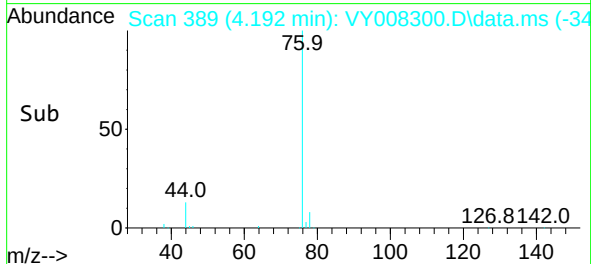
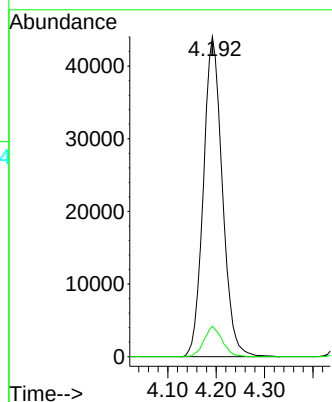
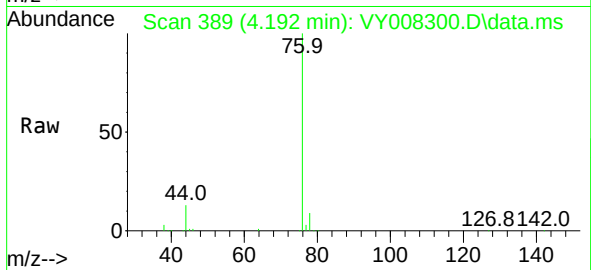




#17
Carbon Disulfide
Concen: 39.199 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

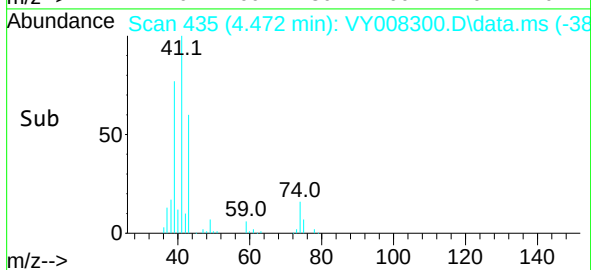
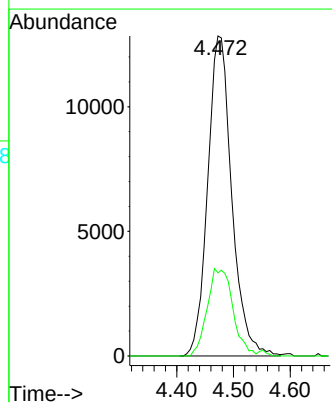
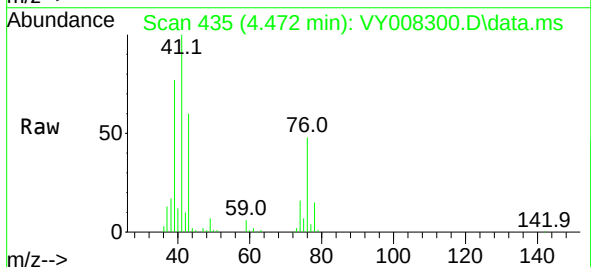
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

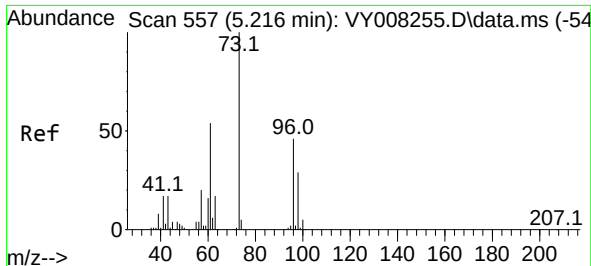
Tgt Ion: 76 Resp: 119921
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 60.174 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 43 Resp: 37834
Ion Ratio Lower Upper
43 100
74 29.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 50.961 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

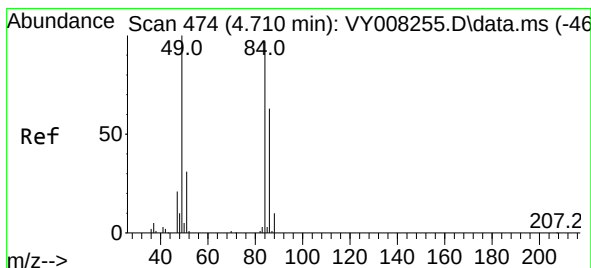
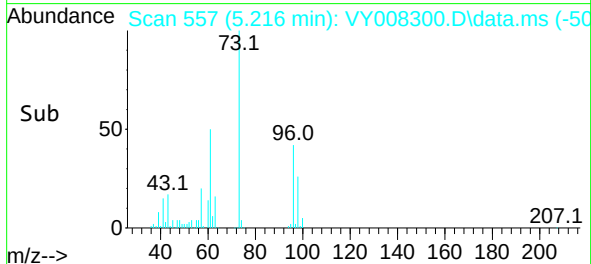
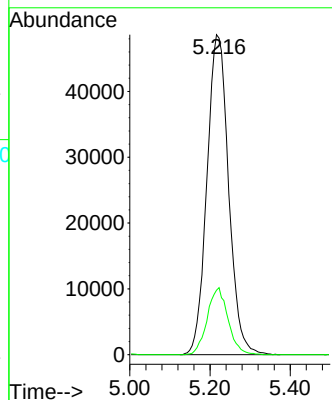
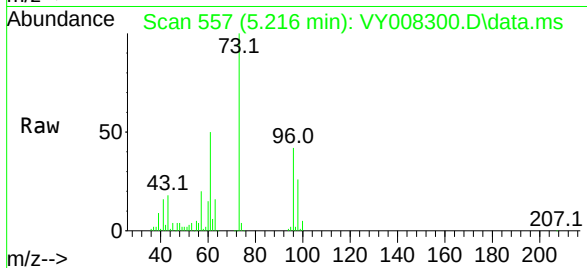
VSTDCCC050EC

Tgt Ion: 73 Resp: 182374

Ion Ratio Lower Upper

73 100

57 20.2 18.6 27.8



#20

Methylene Chloride

Concen: 52.246 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Tgt Ion: 84 Resp: 72831

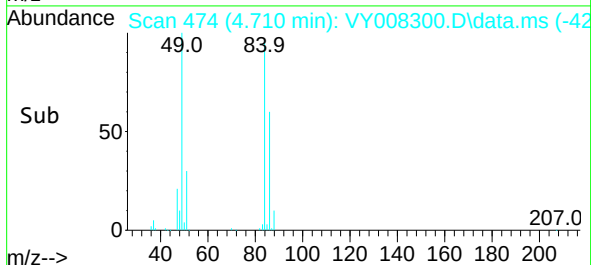
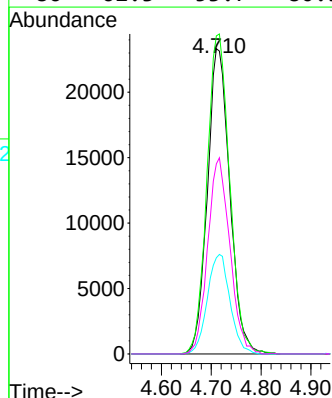
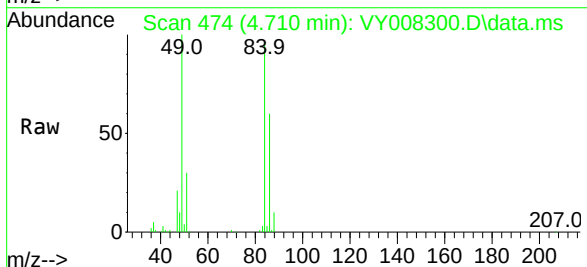
Ion Ratio Lower Upper

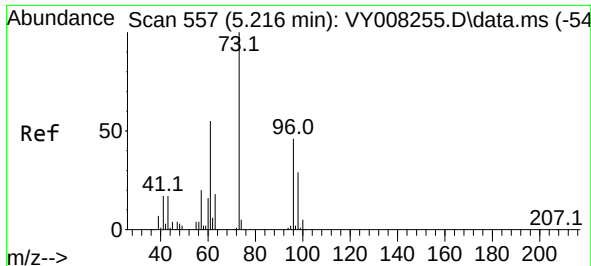
84 100

49 104.2 114.4 171.6#

51 31.5 35.3 52.9#

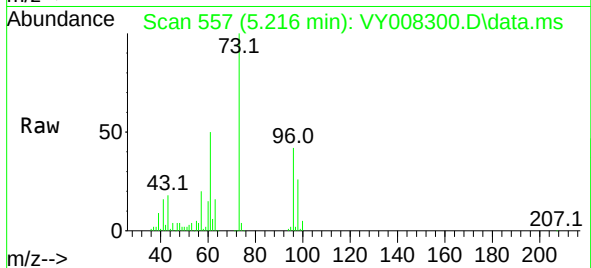
86 62.3 53.7 80.5



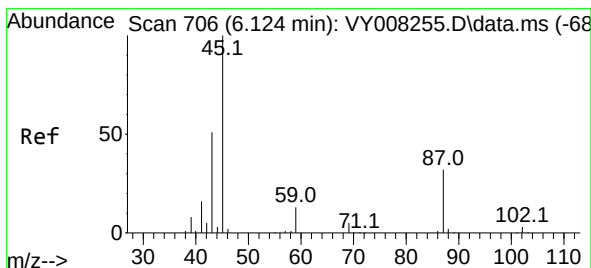
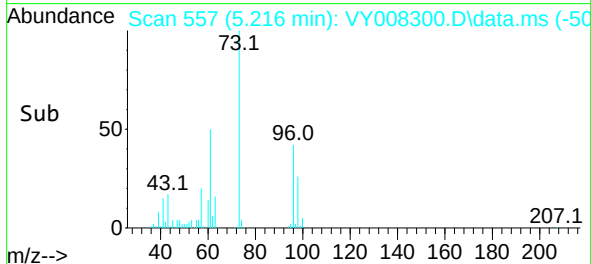
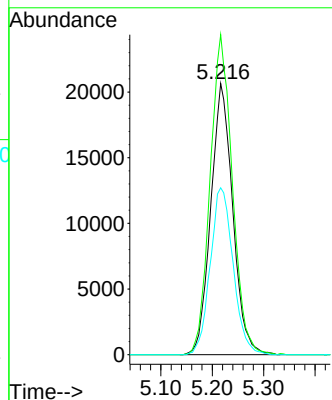


#21
trans-1,2-Dichloroethene
Concen: 44.127 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

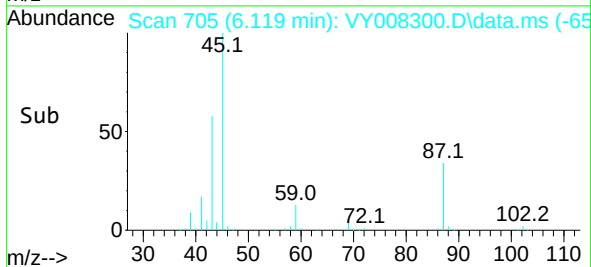
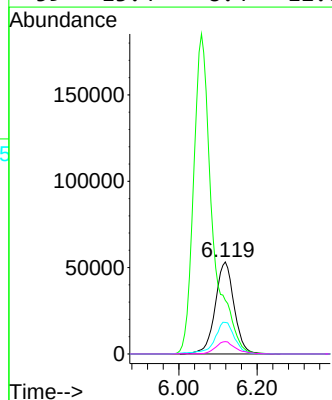
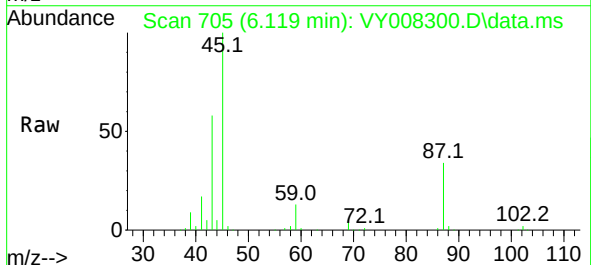


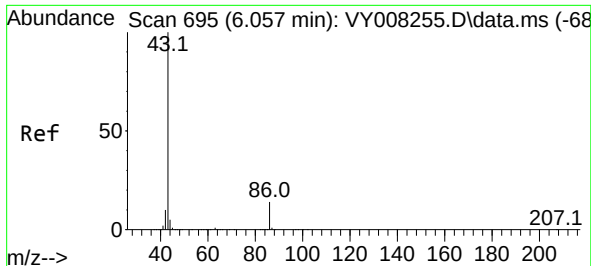
Tgt Ion: 96 Resp: 61311
Ion Ratio Lower Upper
96 100
61 118.0 120.5 180.7#
98 61.5 49.8 74.8



#22
Diisopropyl ether
Concen: 49.977 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.005 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 45 Resp: 178450
Ion Ratio Lower Upper
45 100
43 58.0 49.3 73.9
87 34.3 19.2 28.8#
59 13.4 8.4 12.6#

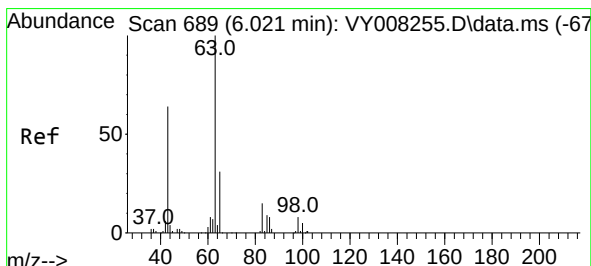
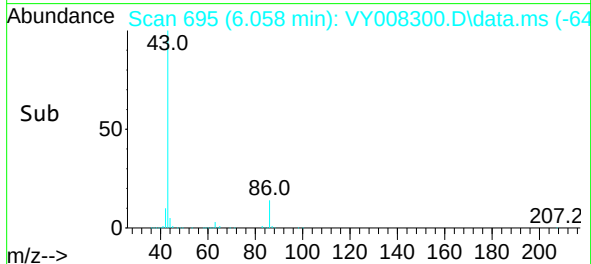
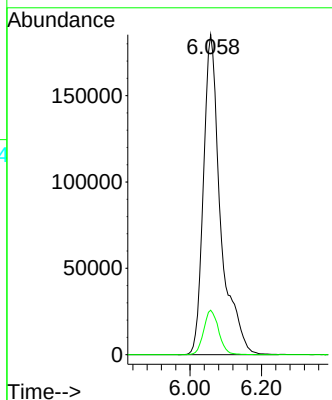
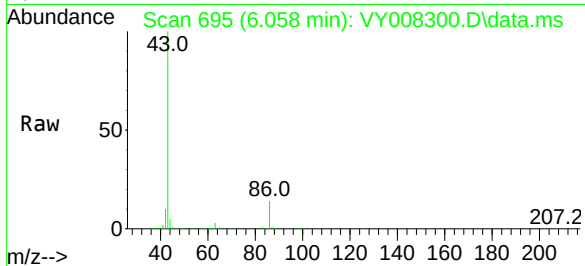




#23
 Vinyl Acetate
 Concen: 266.973 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY008300.D
 Acq: 12 Apr 2022 20:03

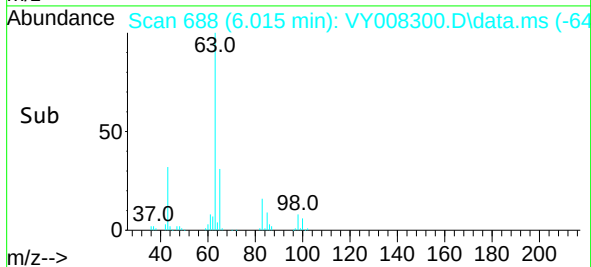
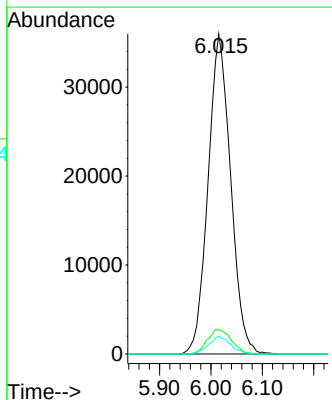
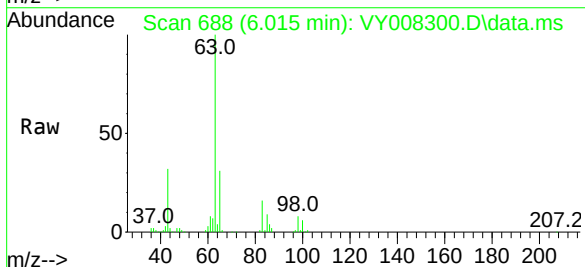
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

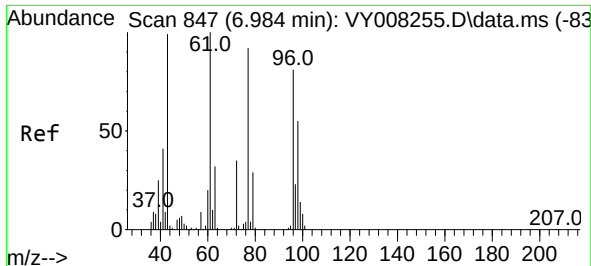
Tgt Ion: 43 Resp: 617671
 Ion Ratio Lower Upper
 43 100
 86 13.9 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 47.908 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008300.D
 Acq: 12 Apr 2022 20:03

Tgt Ion: 63 Resp: 109805
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 267.481 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

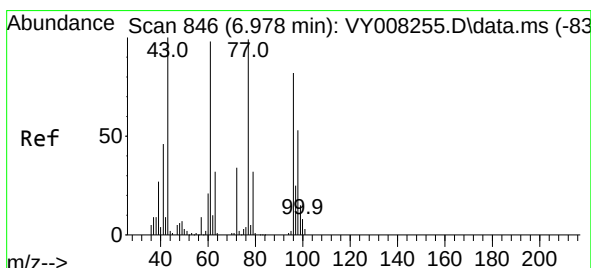
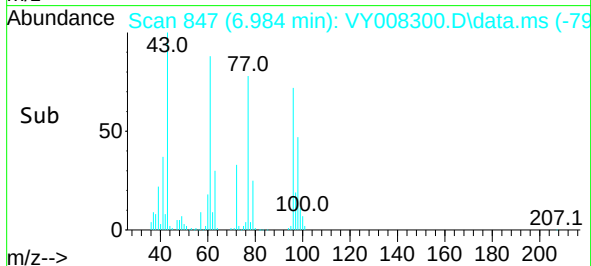
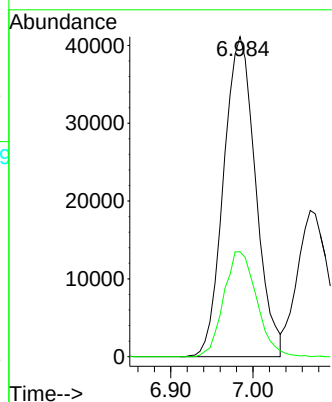
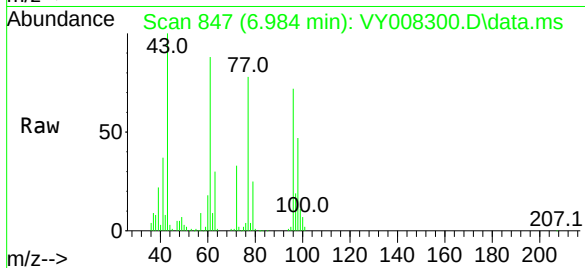
VSTDCCC050EC

Tgt Ion: 43 Resp: 111100

Ion Ratio Lower Upper

43 100

72 32.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 47.029 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008300.D

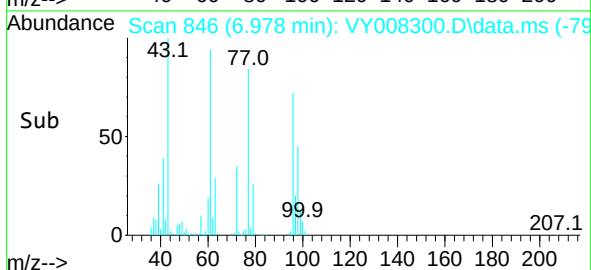
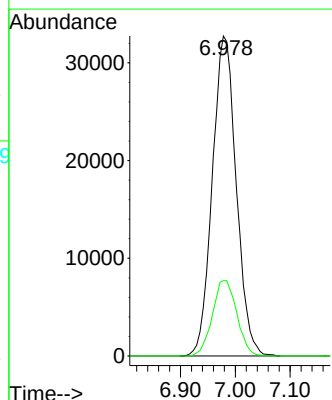
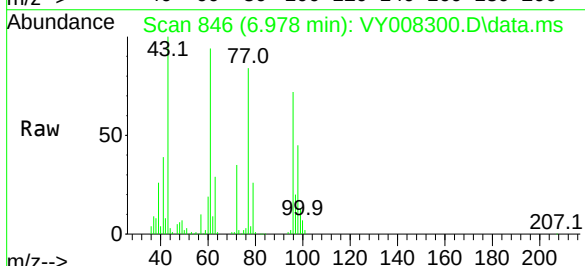
Acq: 12 Apr 2022 20:03

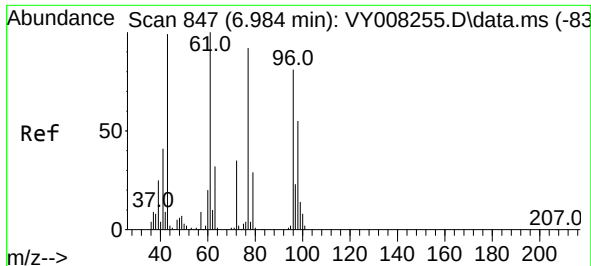
Tgt Ion: 77 Resp: 99265

Ion Ratio Lower Upper

77 100

97 24.1 10.4 31.4



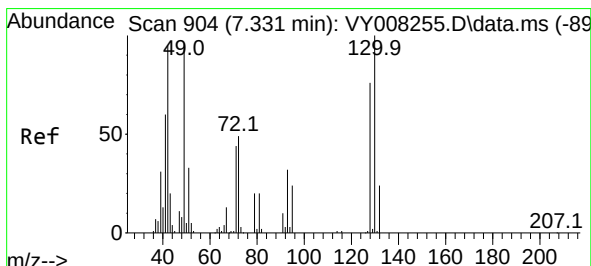
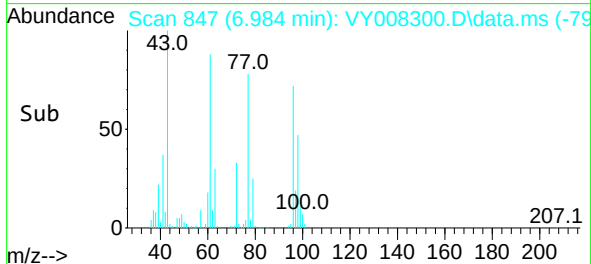
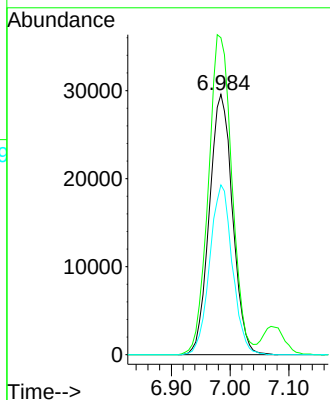
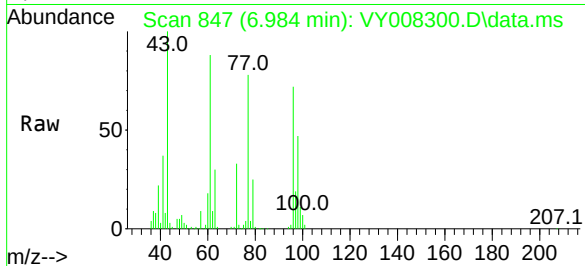


#27
 cis-1,2-Dichloroethene
 Concen: 49.256 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008300.D
 Acq: 12 Apr 2022 20:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 81199

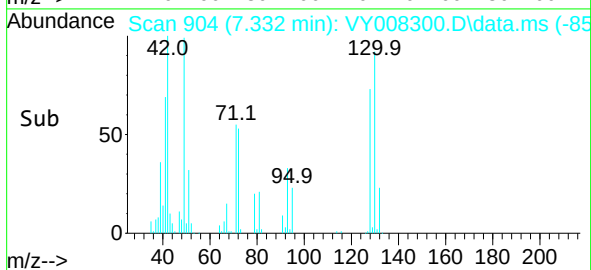
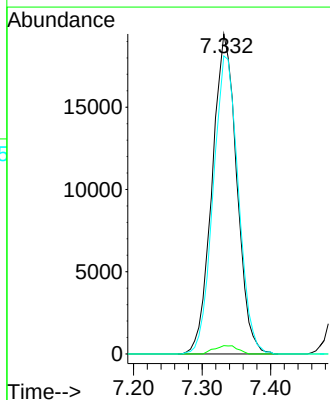
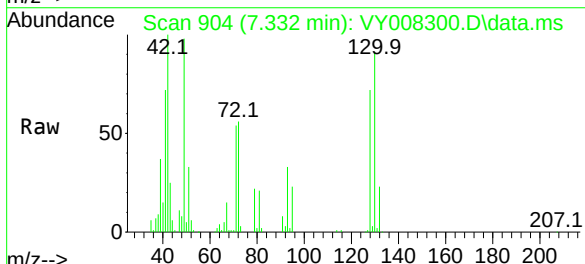
Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	319.8
98	63.7	0.0	127.0

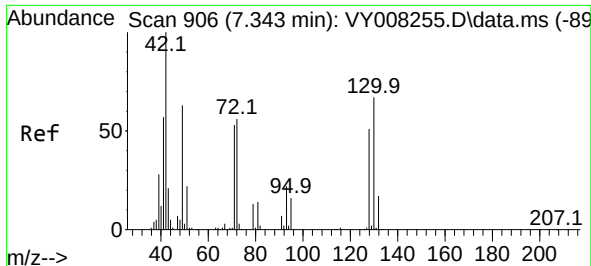


#28
 Bromochloromethane
 Concen: 55.274 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY008300.D
 Acq: 12 Apr 2022 20:03

Tgt Ion: 49 Resp: 48559

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.2#
130	94.9	55.4	83.0#





#29

Tetrahydrofuran

Concen: 274.690 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

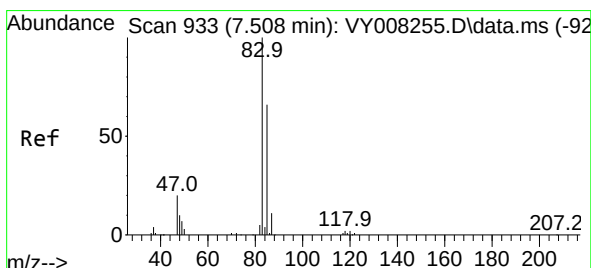
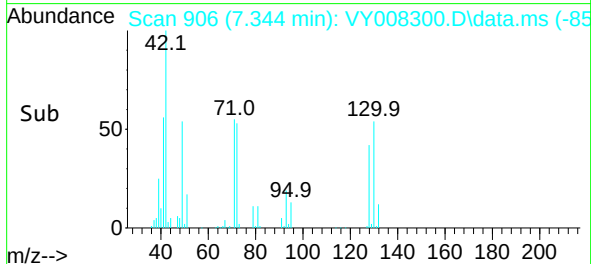
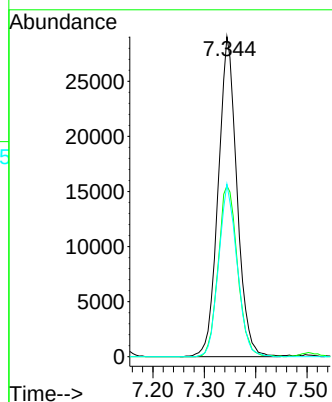
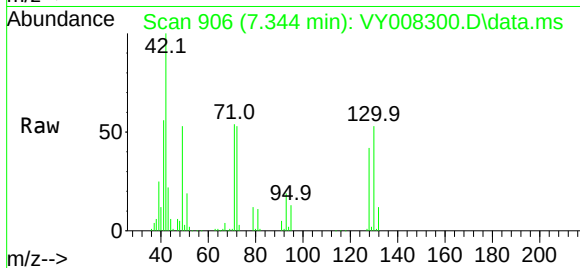
Tgt Ion: 42 Resp: 73663

Ion Ratio Lower Upper

42 100

72 55.2 30.3 45.5#

71 53.1 29.0 43.4#



#30

Chloroform

Concen: 49.985 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY008300.D

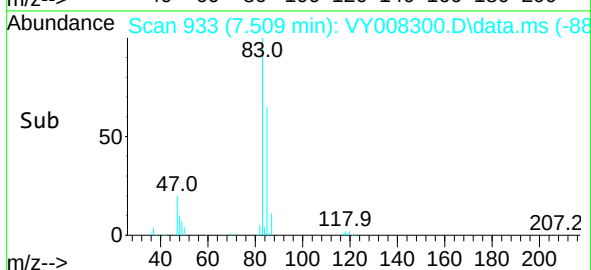
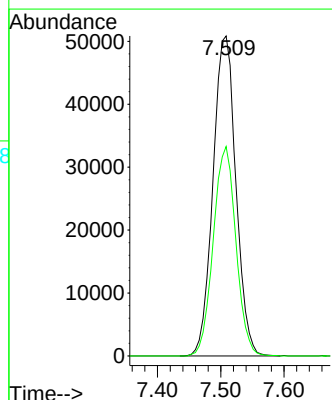
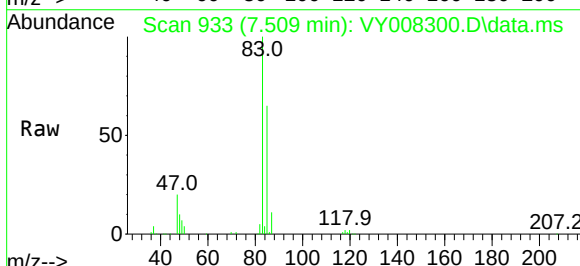
Acq: 12 Apr 2022 20:03

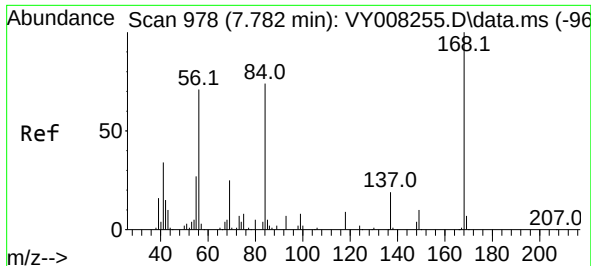
Tgt Ion: 83 Resp: 127925

Ion Ratio Lower Upper

83 100

85 65.4 51.8 77.6

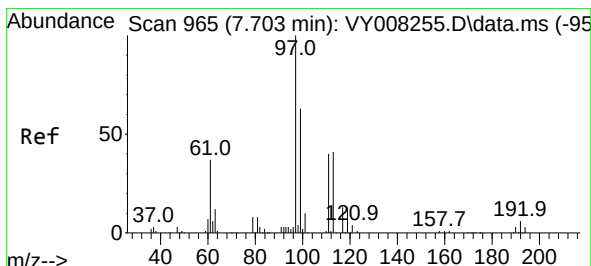
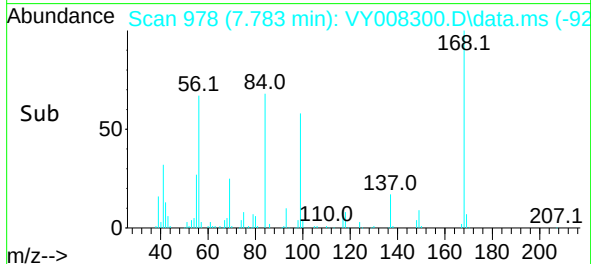
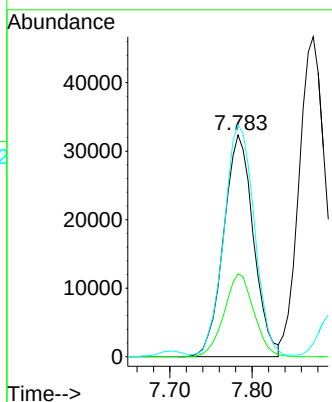
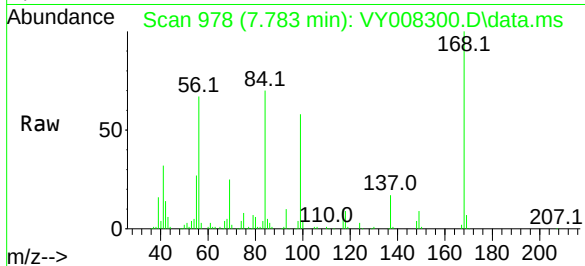




#31
Cyclohexane
Concen: 40.929 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

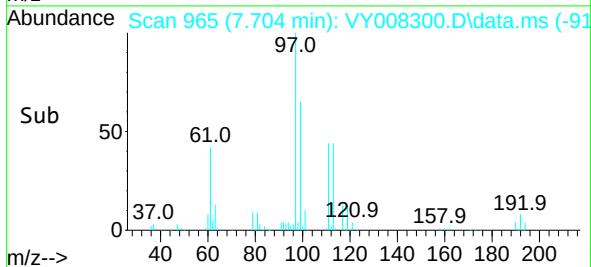
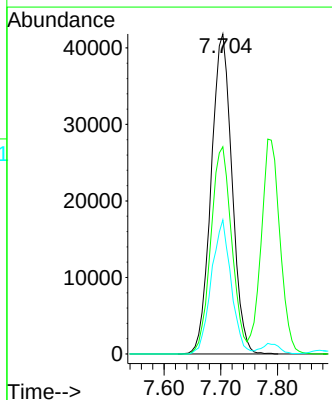
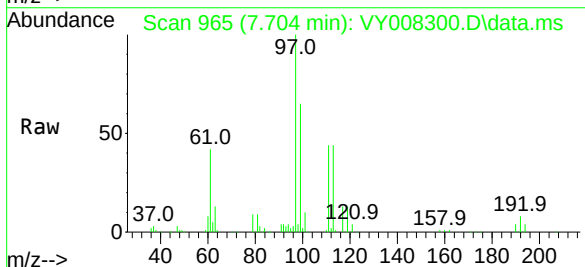
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

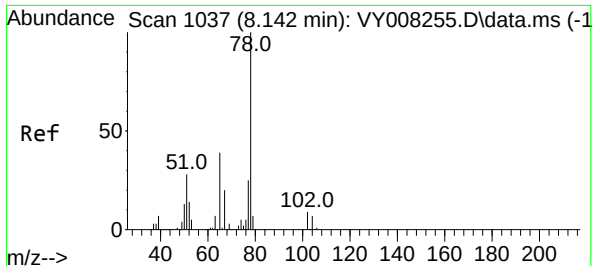
Tgt Ion: 56 Resp: 81737
Ion Ratio Lower Upper
56 100
69 37.4 26.7 40.1
84 102.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 47.623 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 97 Resp: 106619
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 39.9 37.6 56.4

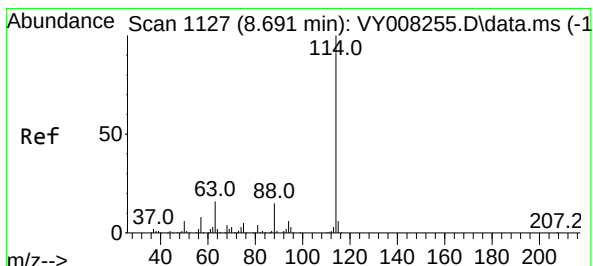
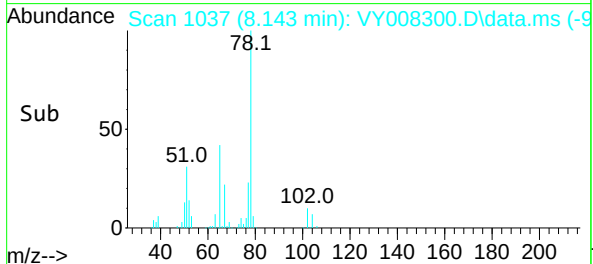
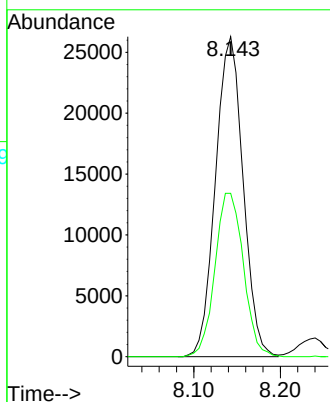
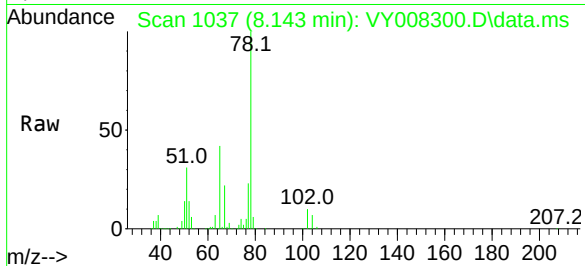




#33
1,2-Dichloroethane-d4
Concen: 52.718 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

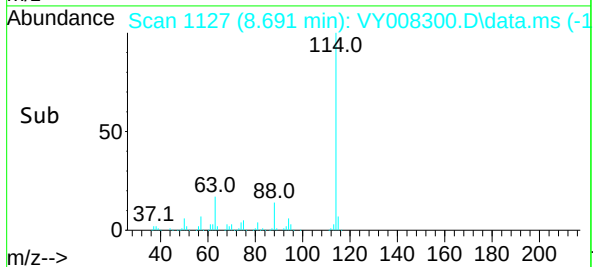
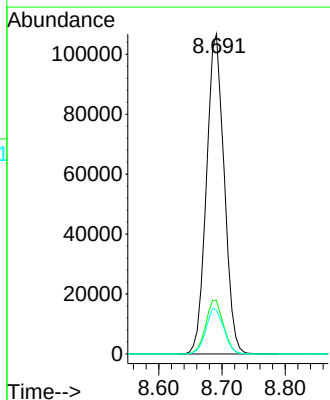
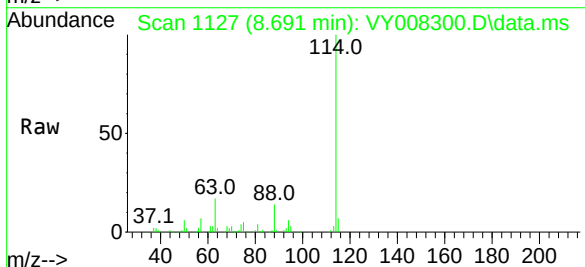
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

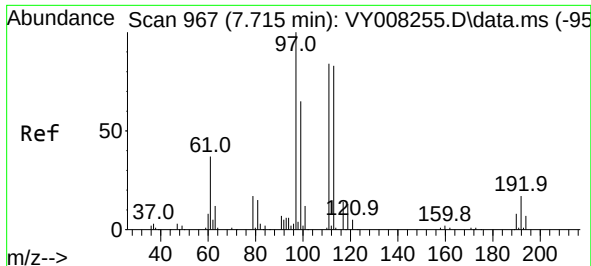
Tgt Ion: 65 Resp: 58221
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 114 Resp: 207484
Ion Ratio Lower Upper
114 100
63 16.8 0.0 43.2
88 13.7 0.0 31.8

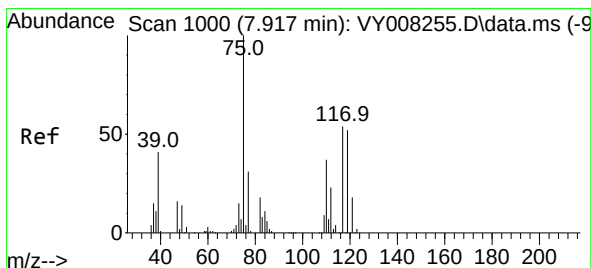
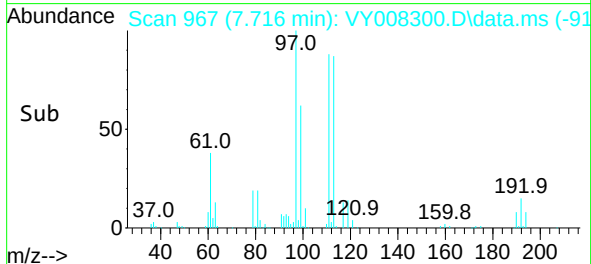
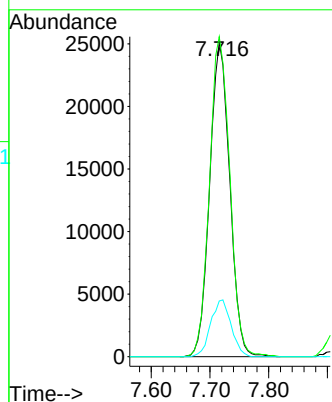
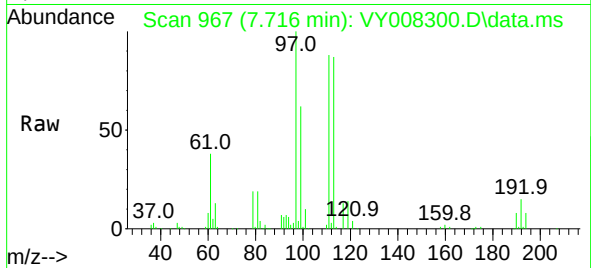




#35
Dibromofluoromethane
Concen: 49.702 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

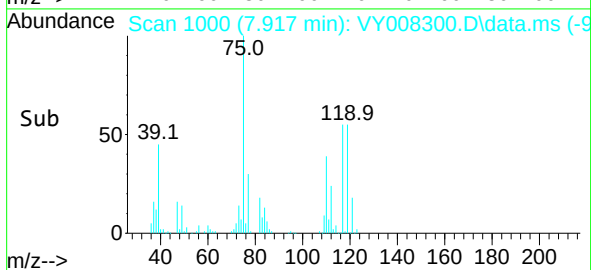
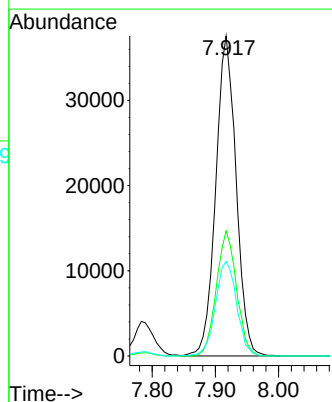
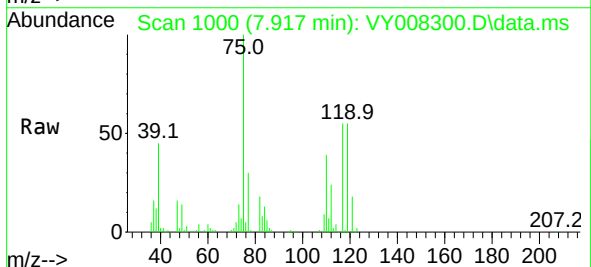
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

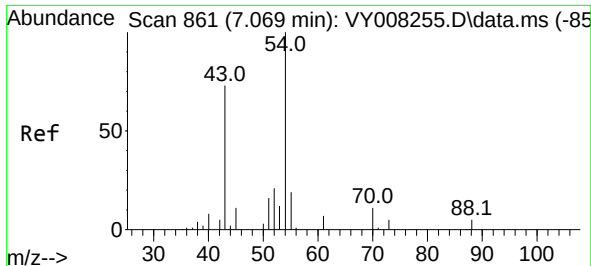
Tgt Ion:113 Resp: 59562
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 43.783 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 75 Resp: 83786
Ion Ratio Lower Upper
75 100
110 38.7 17.1 51.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 51.566 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

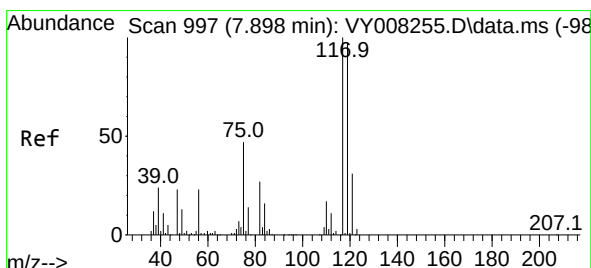
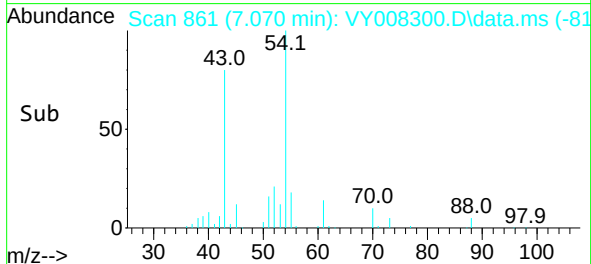
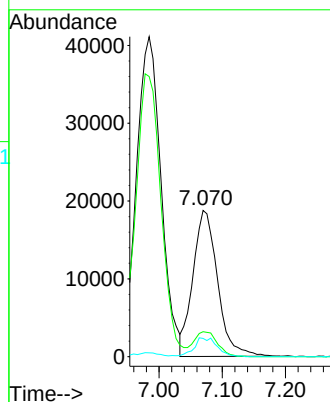
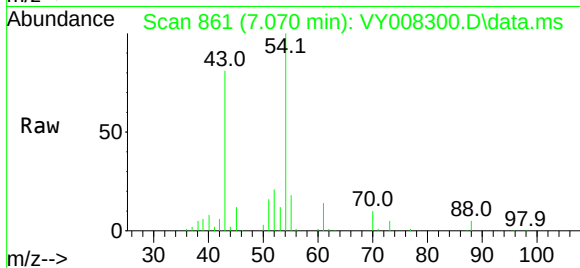
Tgt Ion: 43 Resp: 50882

Ion Ratio Lower Upper

43 100

61 16.9 9.7 14.5#

70 12.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 44.775 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

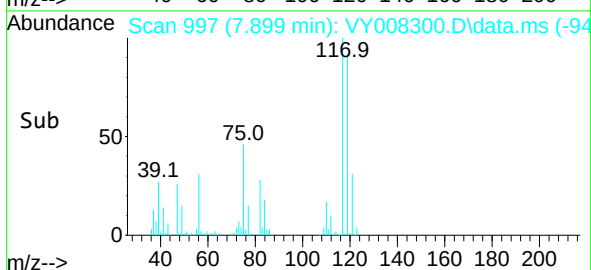
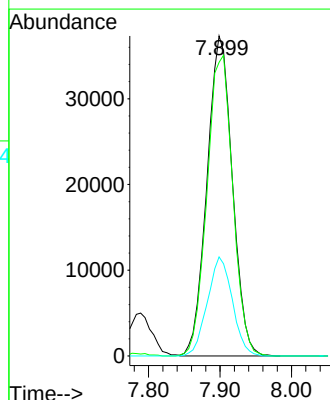
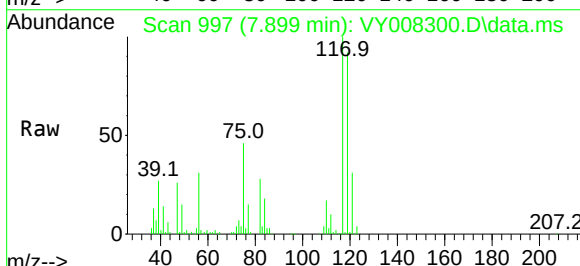
Tgt Ion: 117 Resp: 92180

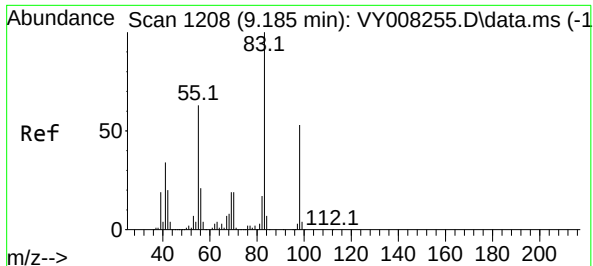
Ion Ratio Lower Upper

117 100

119 91.7 77.9 116.9

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 42.921 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

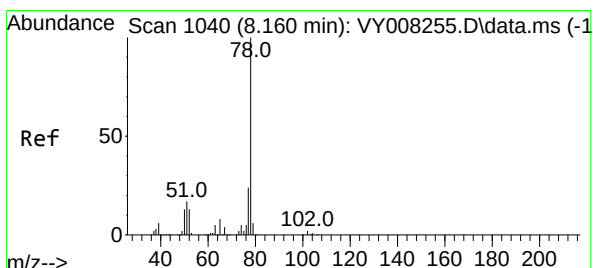
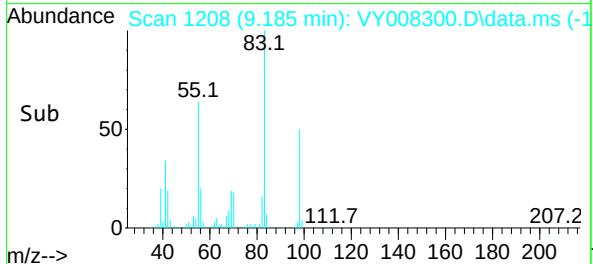
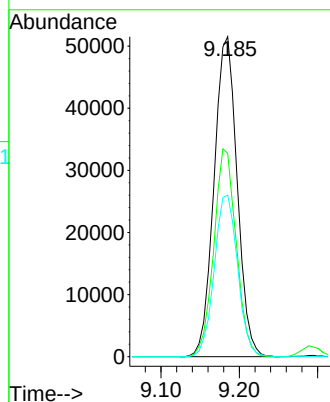
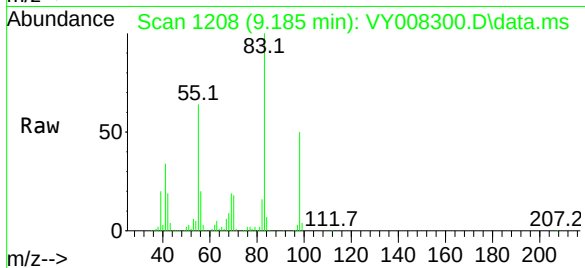
Tgt Ion: 83 Resp: 105681

Ion Ratio Lower Upper

83 100

55 63.5 66.5 99.7#

98 50.5 37.9 56.9



#40

Benzene

Concen: 46.702 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008300.D

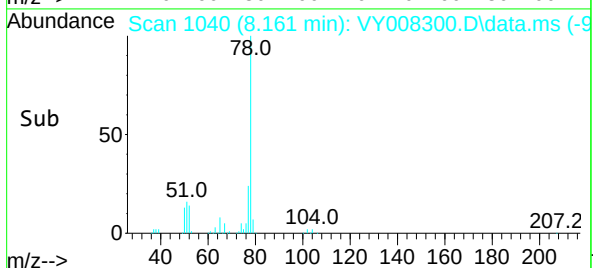
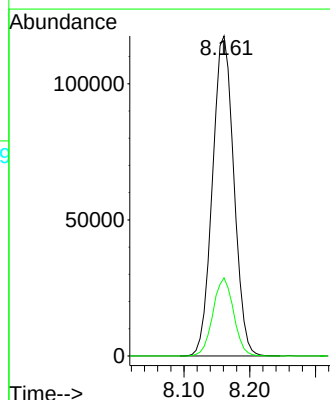
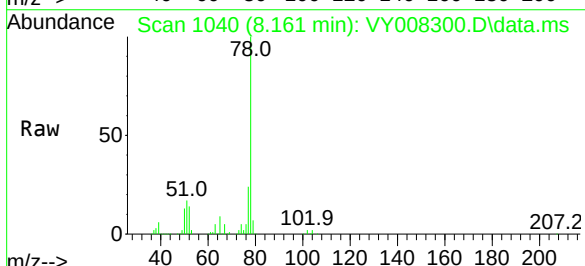
Acq: 12 Apr 2022 20:03

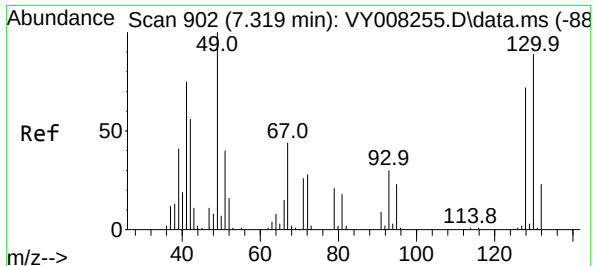
Tgt Ion: 78 Resp: 266132

Ion Ratio Lower Upper

78 100

77 24.4 20.4 30.6

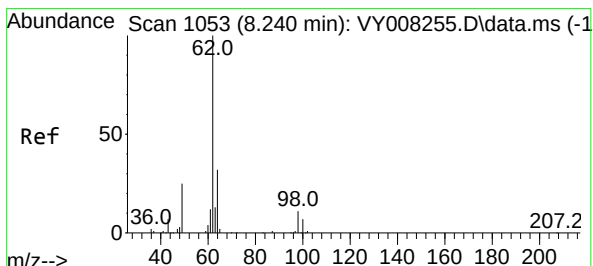
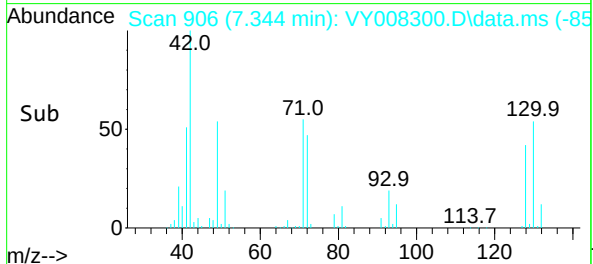
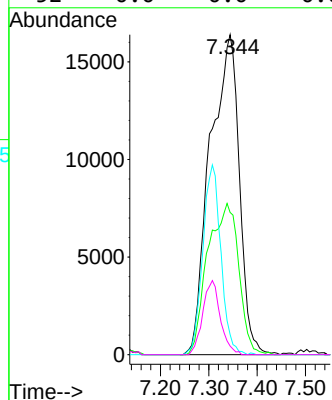
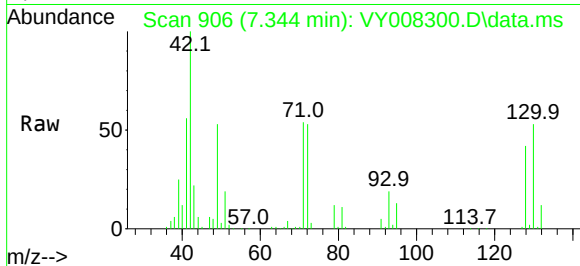




#41
Methacrylonitrile
Concen: 124.324 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

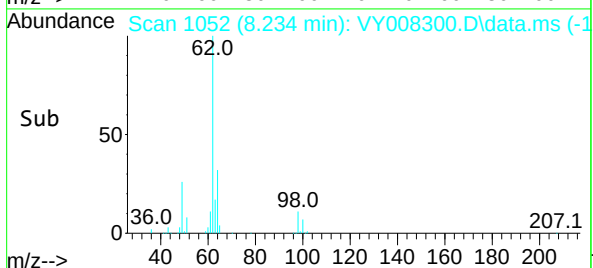
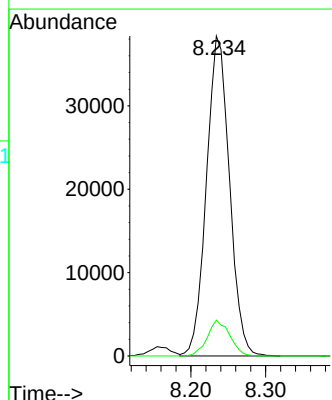
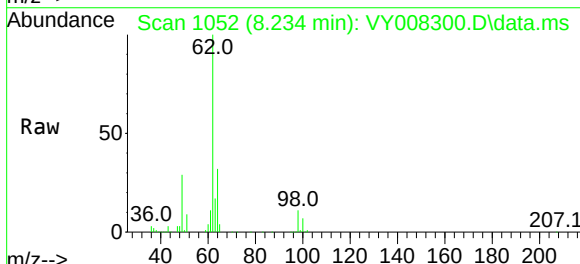
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

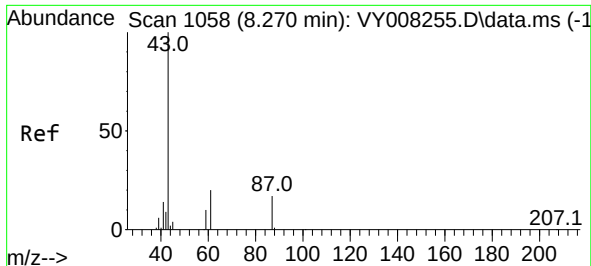
Tgt Ion: 41 Resp: 68629
Ion Ratio Lower Upper
41 100
39 50.2 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.622 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 62 Resp: 82038
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8

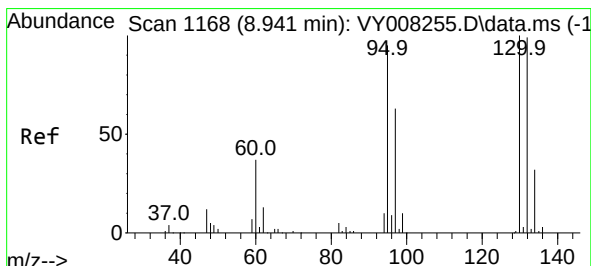
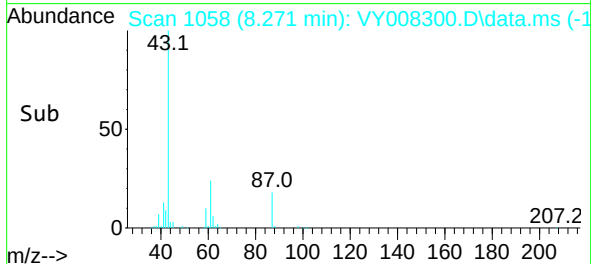
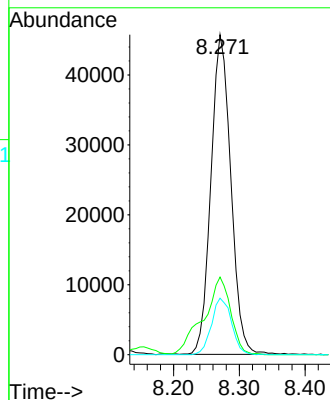
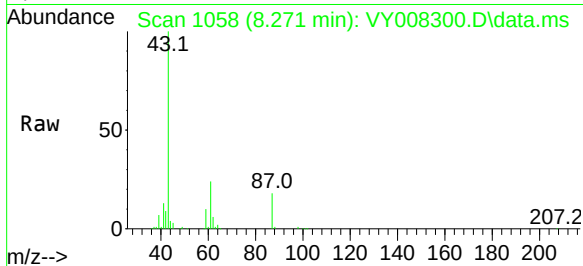




#43
Isopropyl Acetate
Concen: 52.546 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

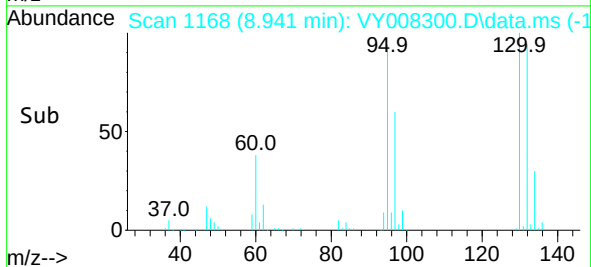
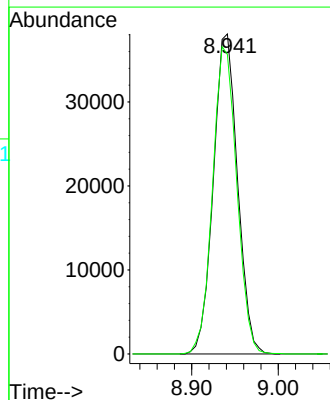
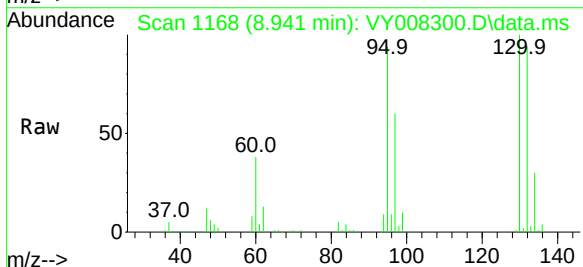
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

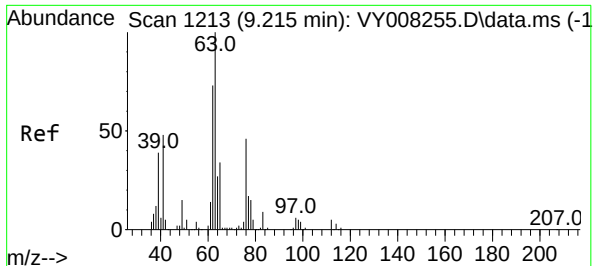
Tgt Ion: 43 Resp: 96227
Ion Ratio Lower Upper
43 100
61 33.1 20.2 30.2#
87 17.8 8.9 13.3#



#44
Trichloroethene
Concen: 45.541 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 130 Resp: 73961
Ion Ratio Lower Upper
130 100
95 93.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 49.051 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

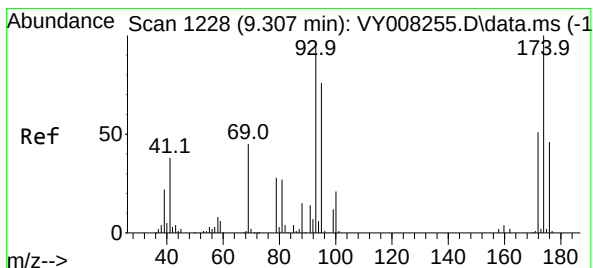
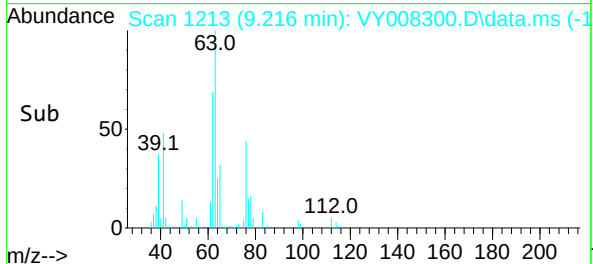
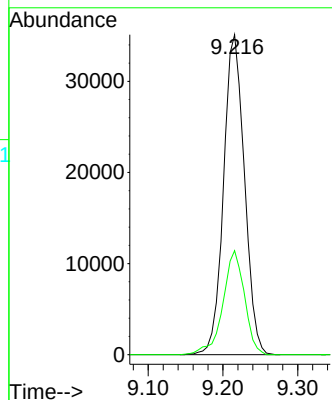
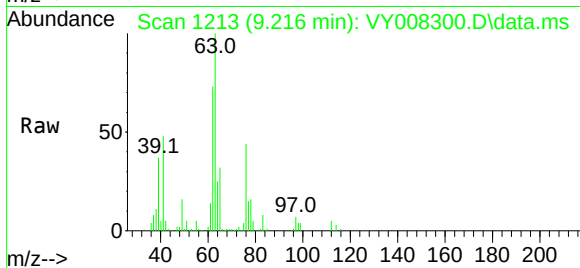
VSTDCCC050EC

Tgt Ion: 63 Resp: 68284

Ion Ratio Lower Upper

63 100

65 32.5 23.0 34.6



#46

Dibromomethane

Concen: 51.173 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

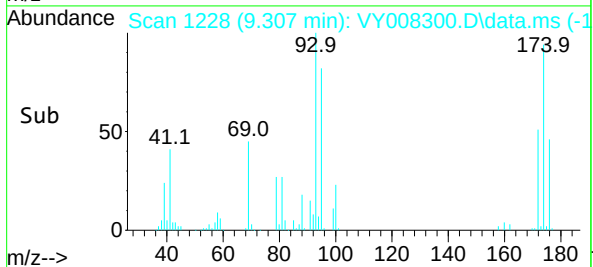
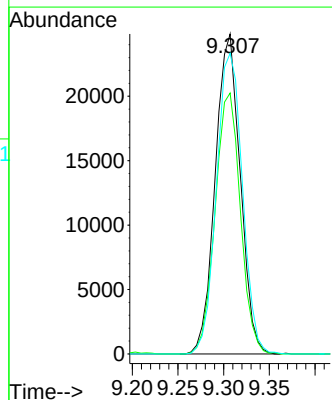
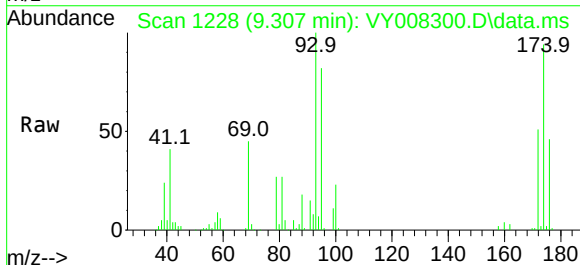
Tgt Ion: 93 Resp: 47149

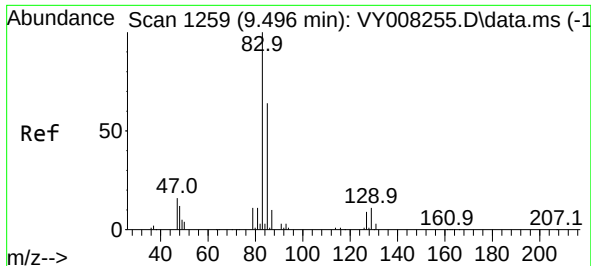
Ion Ratio Lower Upper

93 100

95 82.5 64.3 96.5

174 97.8 83.4 125.0



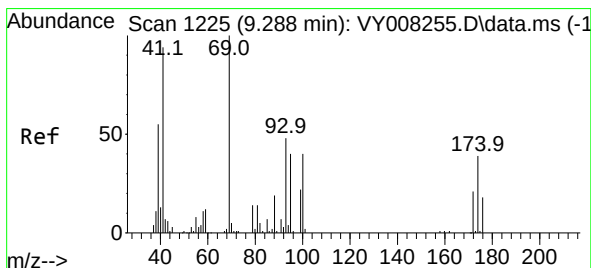
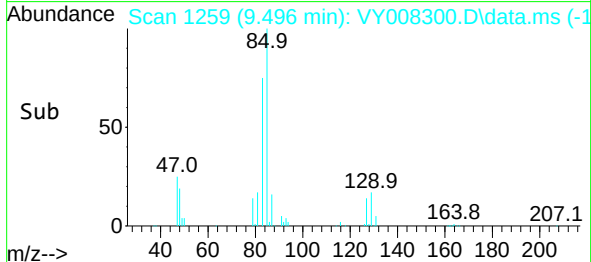
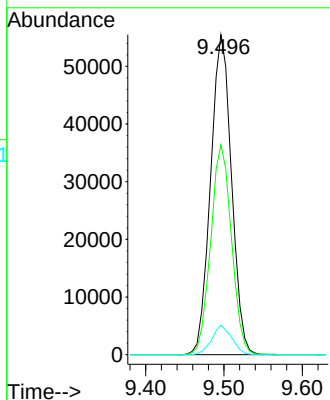
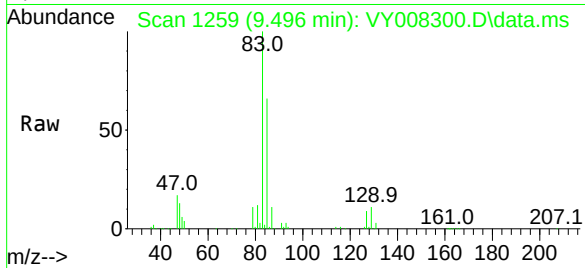


#47
 Bromodichloromethane
 Concen: 49.630 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY008300.D
 Acq: 12 Apr 2022 20:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 102838

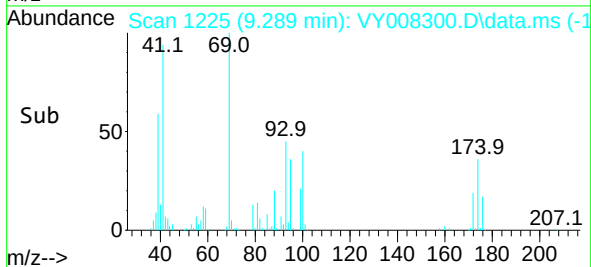
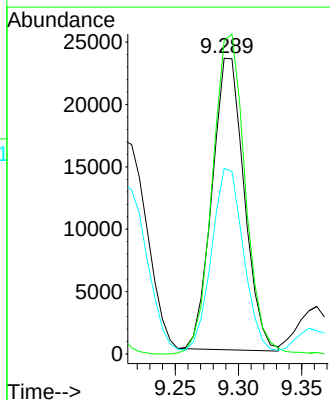
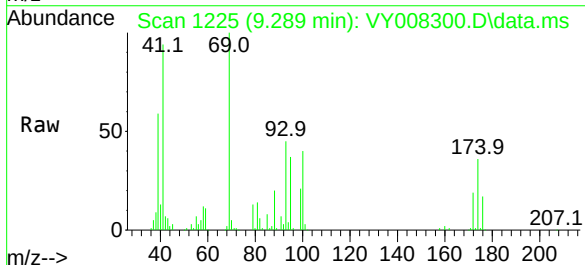
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.9	77.9
127	9.2	6.6	10.0

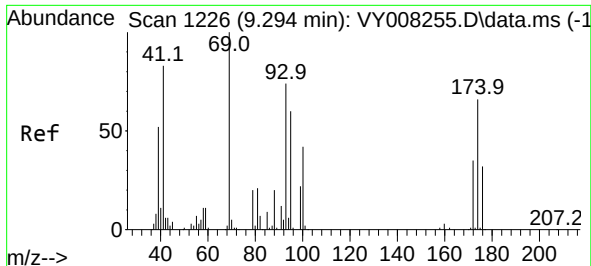


#48
 Methyl methacrylate
 Concen: 52.931 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. 0.001 min
 Lab File: VY008300.D
 Acq: 12 Apr 2022 20:03

Tgt Ion: 41 Resp: 41206

Ion	Ratio	Lower	Upper
41	100		
69	111.9	58.2	87.2
39	64.3	47.4	71.0





#49

1,4-Dioxane

Concen: 1209.817 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008300.D

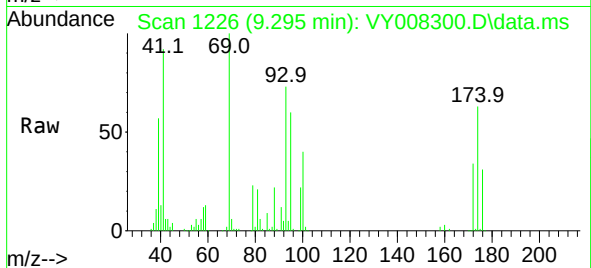
Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



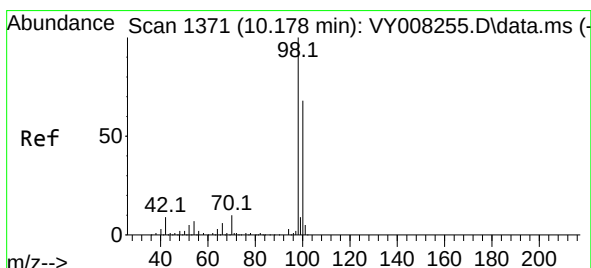
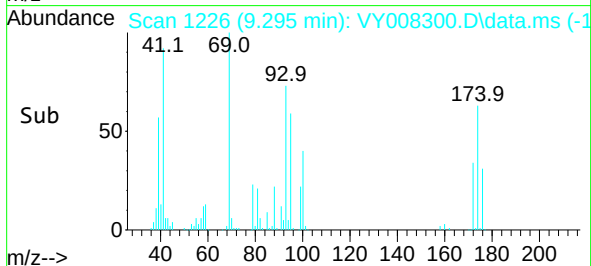
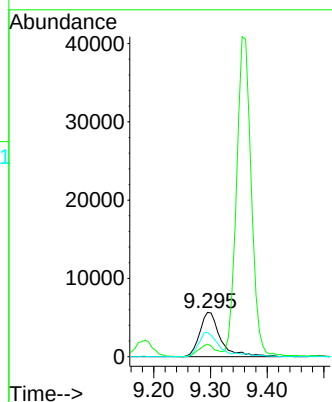
Tgt Ion: 88 Resp: 14385

Ion Ratio Lower Upper

88 100

43 23.4 32.8 49.2#

58 57.3 59.8 89.6#



#50

Toluene-d8

Concen: 50.399 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008300.D

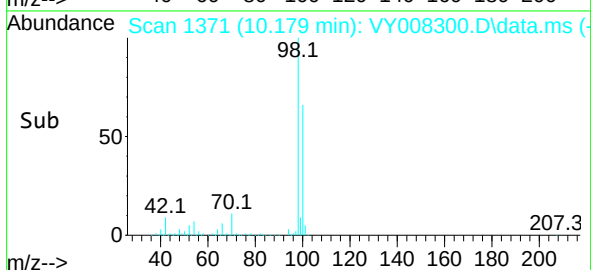
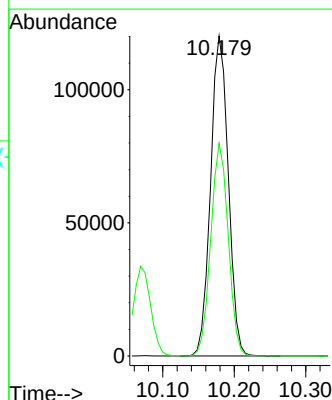
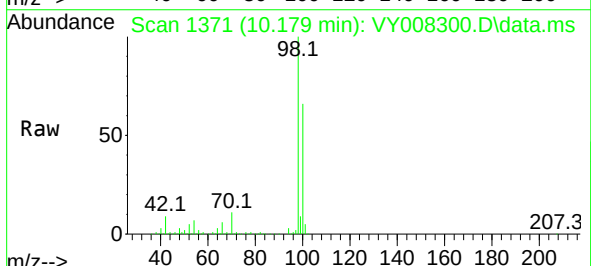
Acq: 12 Apr 2022 20:03

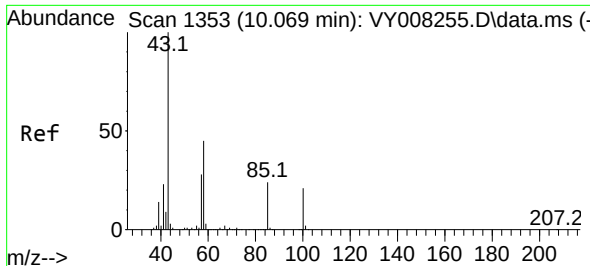
Tgt Ion: 98 Resp: 206668

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2

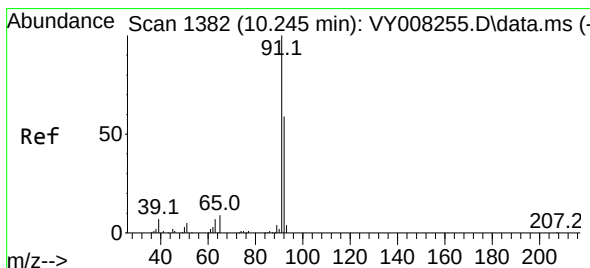
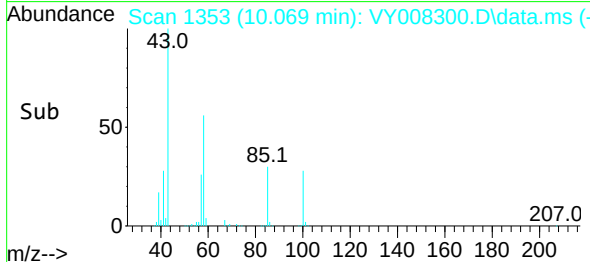
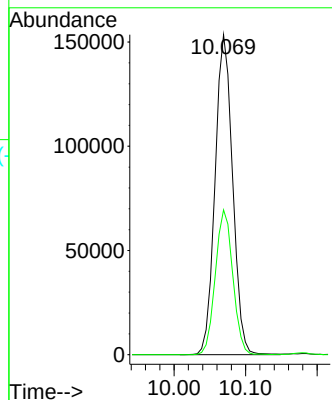
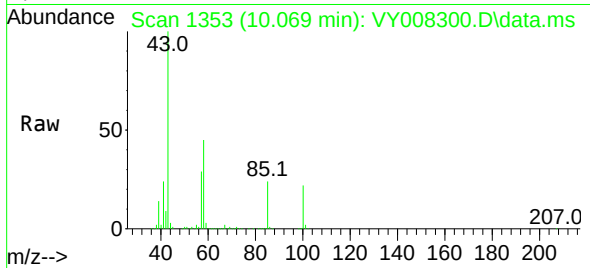




#51
4-Methyl-2-Pentanone
Concen: 276.728 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

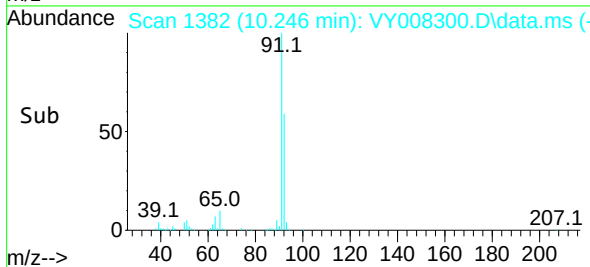
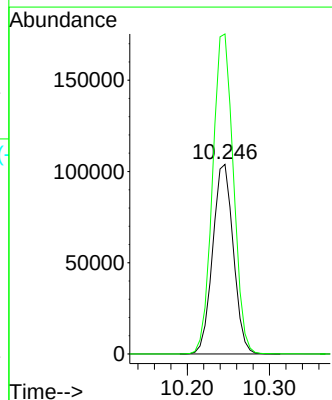
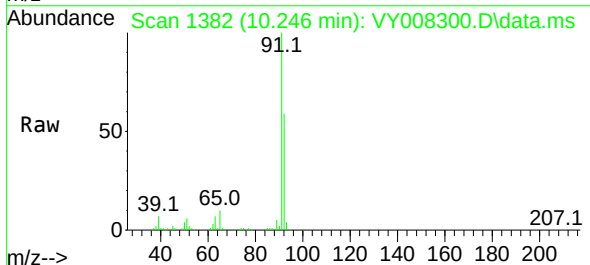
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

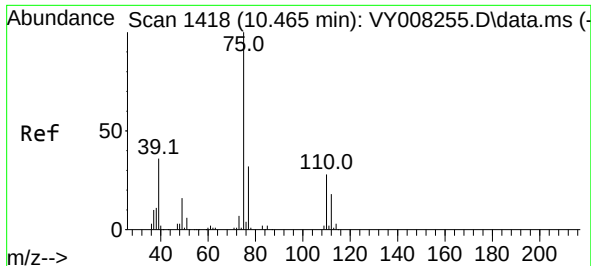
Tgt Ion: 43 Resp: 261678
Ion Ratio Lower Upper
43 100
58 45.0 28.1 42.1#



#52
Toluene
Concen: 48.150 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 92 Resp: 180782
Ion Ratio Lower Upper
92 100
91 170.8 142.6 213.8

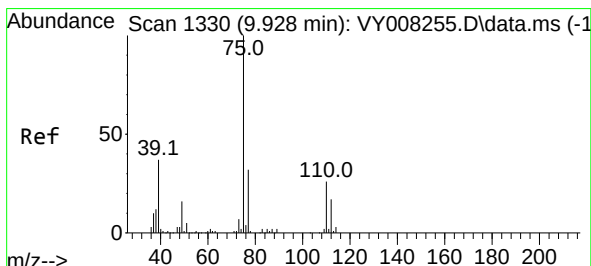
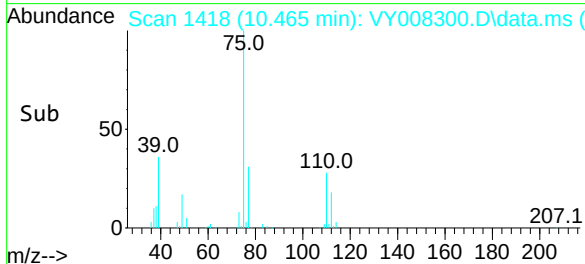
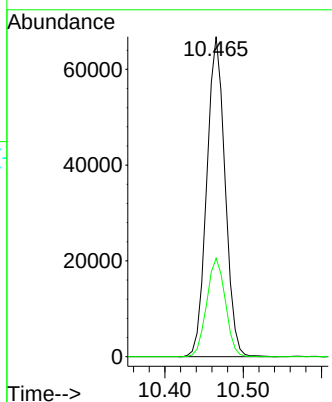
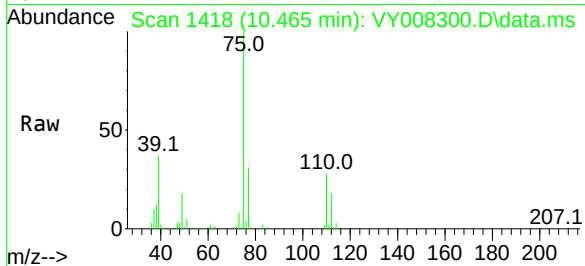




#53
t-1,3-Dichloropropene
Concen: 51.162 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

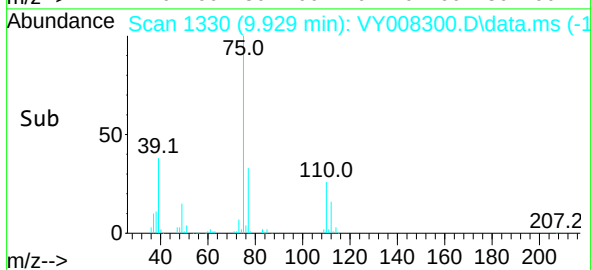
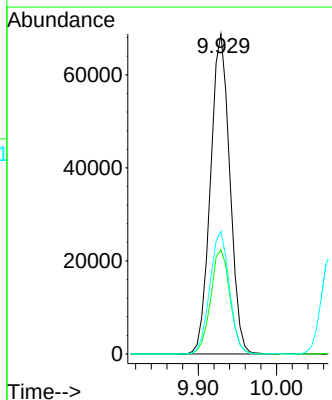
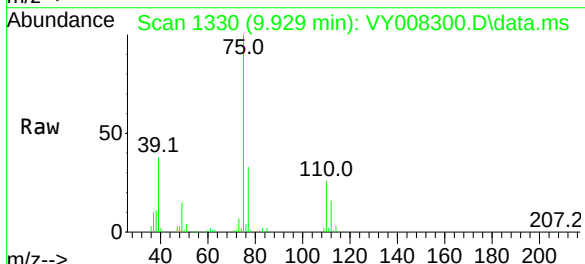
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

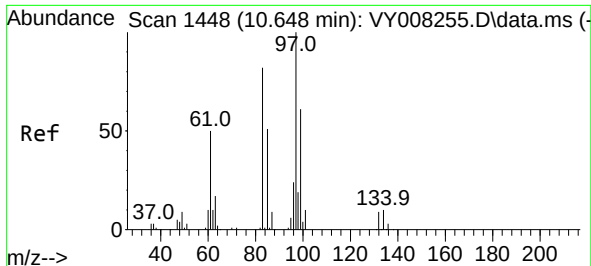
Tgt Ion: 75 Resp: 108040
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.481 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 75 Resp: 117885
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
39 38.3 47.6 71.4#

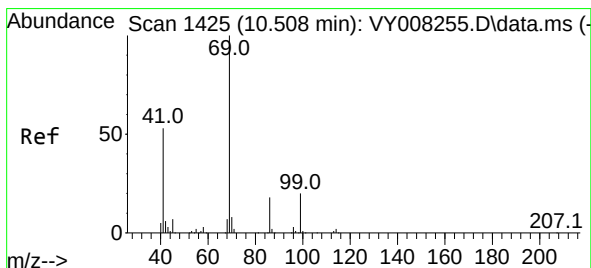
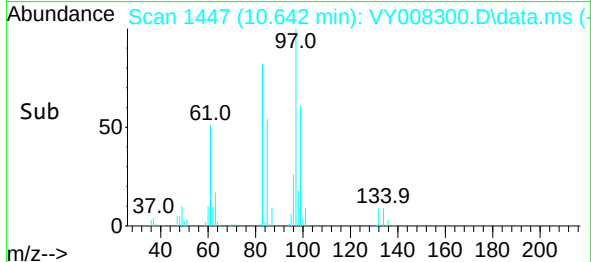
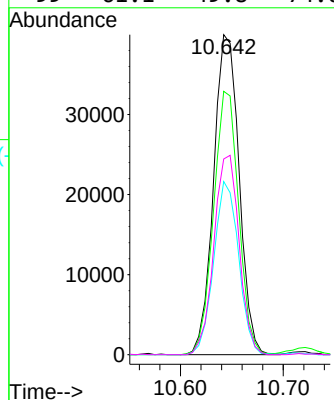
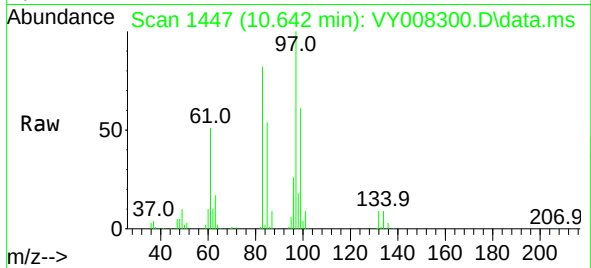




#55
1,1,2-Trichloroethane
Concen: 52.469 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

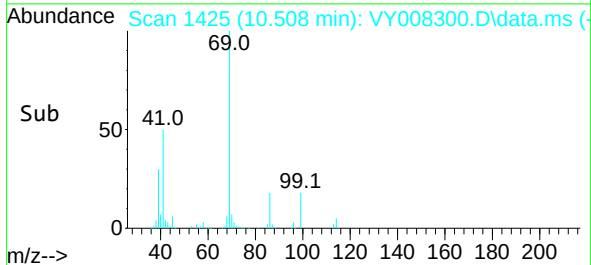
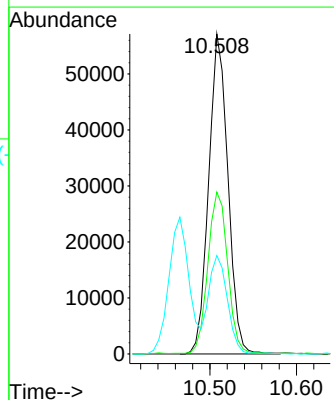
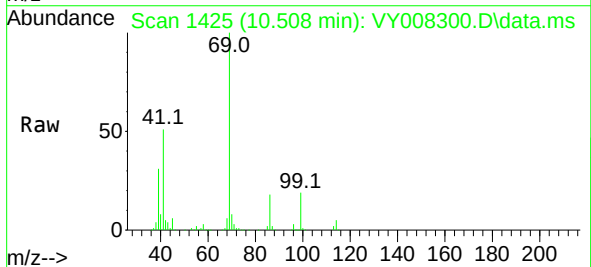
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

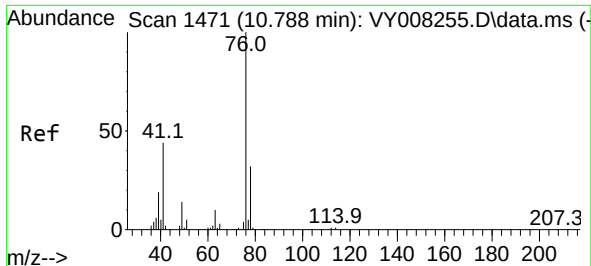
Tgt Ion: 97	Resp: 68960
Ion Ratio	Lower Upper
97 100	
83 82.3	69.8 104.8
85 54.1	44.3 66.5
99 61.1	49.8 74.6



#56
Ethyl methacrylate
Concen: 54.764 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 69	Resp: 88246
Ion Ratio	Lower Upper
69 100	
41 52.0	63.4 95.0#
39 30.2	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 51.424 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

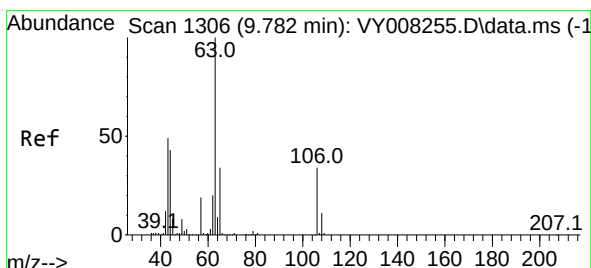
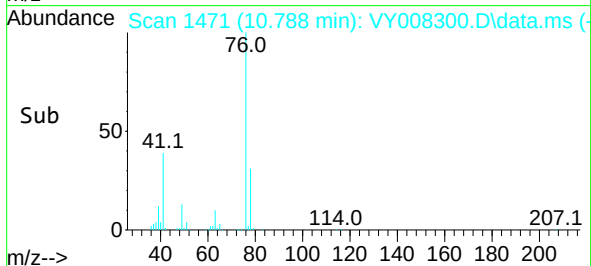
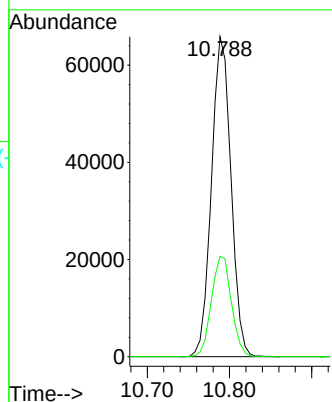
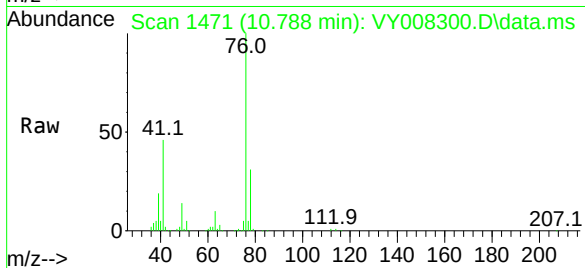
VSTDCCC050EC

Tgt Ion: 76 Resp: 108534

Ion Ratio Lower Upper

76 100

78 32.1 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 275.609 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008300.D

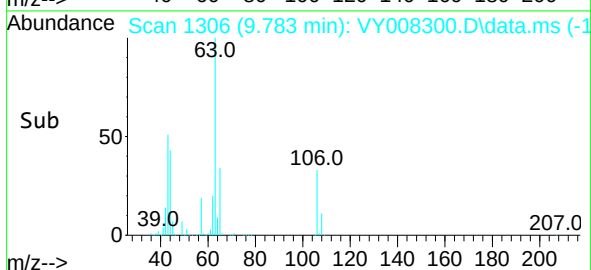
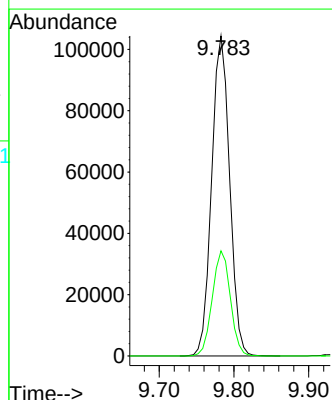
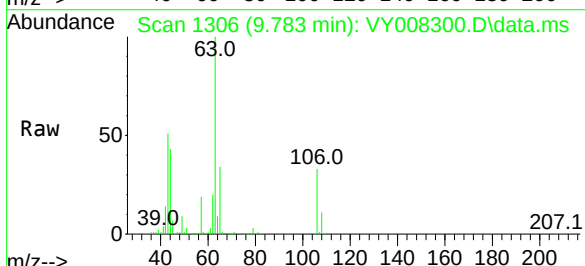
Acq: 12 Apr 2022 20:03

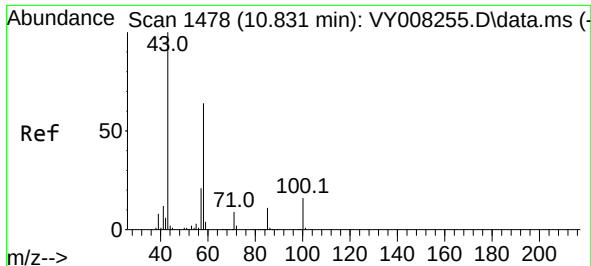
Tgt Ion: 63 Resp: 174936

Ion Ratio Lower Upper

63 100

106 32.9 21.5 32.3#

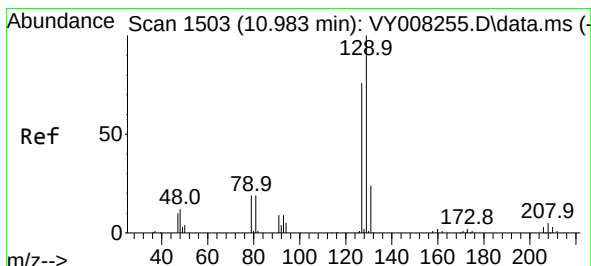
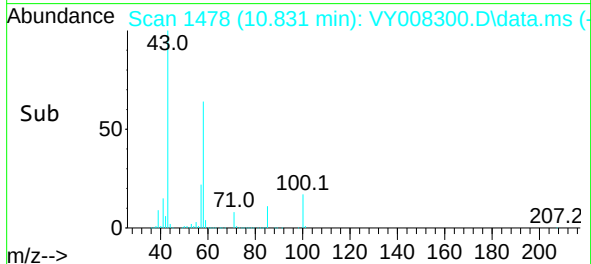
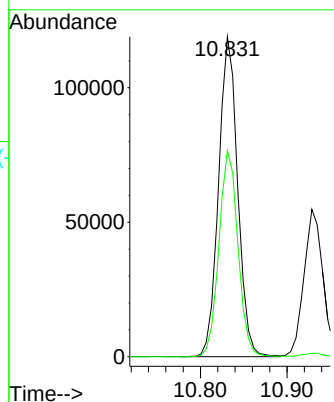
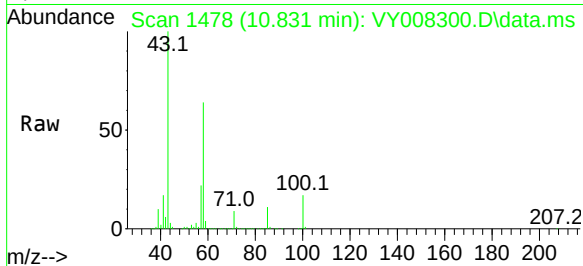




#59
2-Hexanone
Concen: 279.979 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

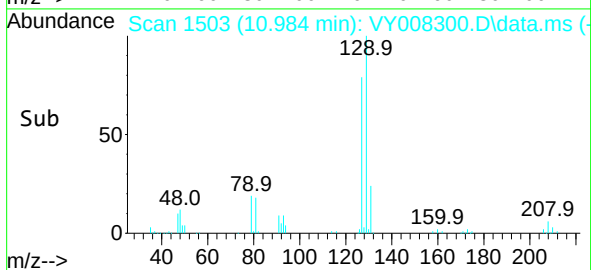
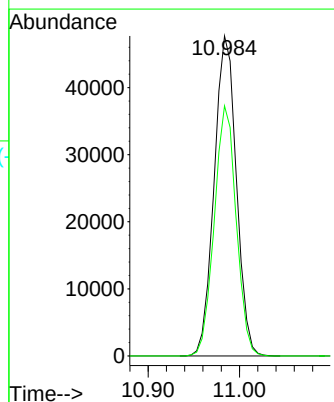
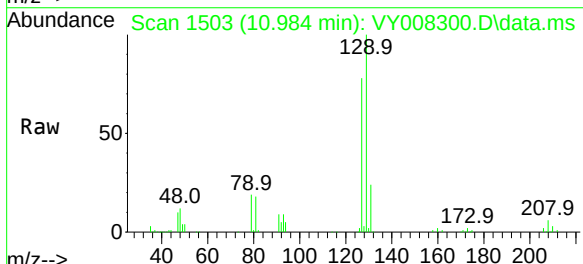
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

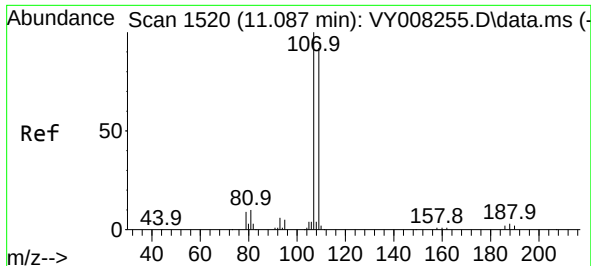
Tgt Ion: 43 Resp: 182174
Ion Ratio Lower Upper
43 100
58 64.1 24.4 73.4



#60
Dibromochloromethane
Concen: 52.358 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 129 Resp: 80384
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

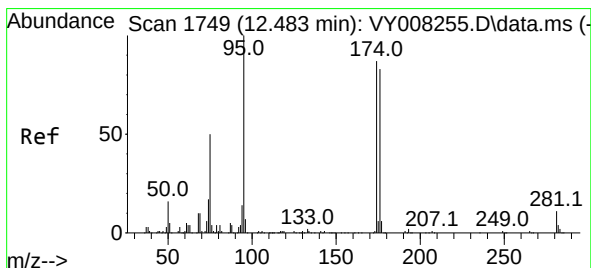
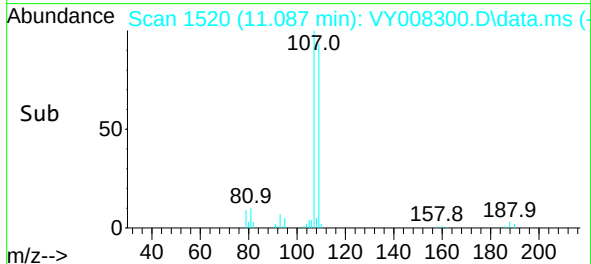
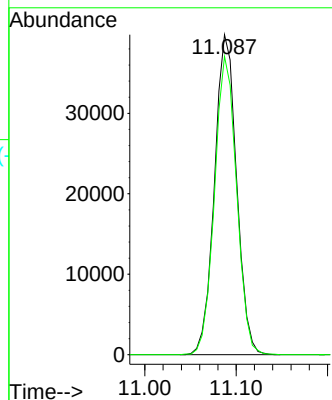
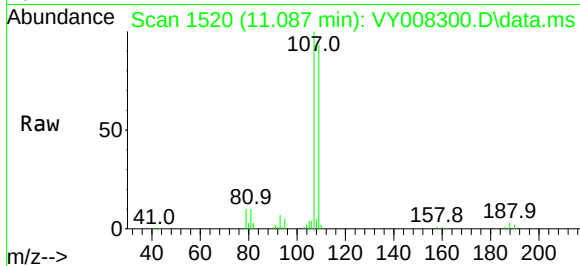




#61
1,2-Dibromoethane
Concen: 51.899 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

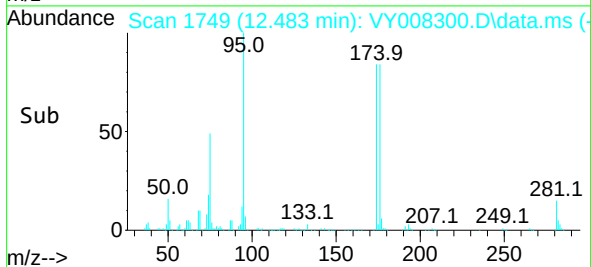
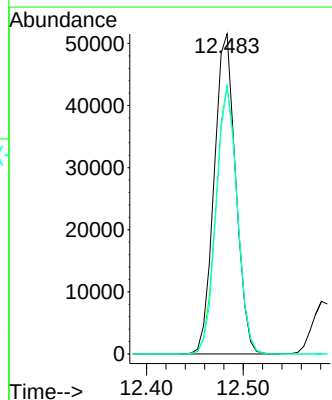
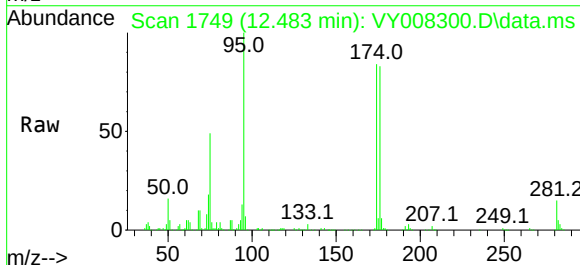
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

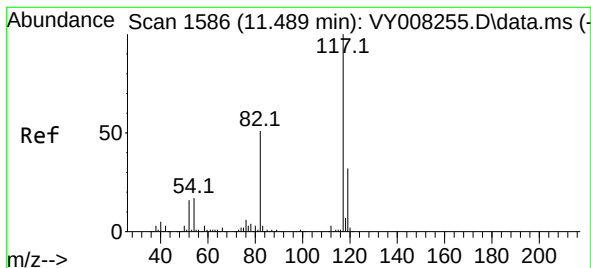
Tgt Ion:107 Resp: 66690
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.546 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 95 Resp: 79502
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

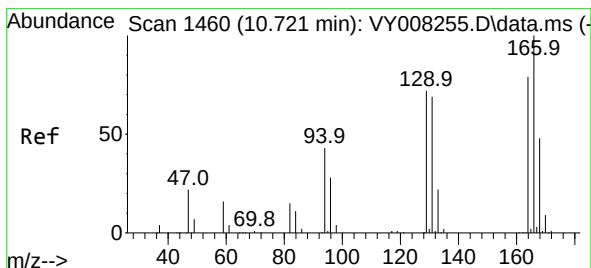
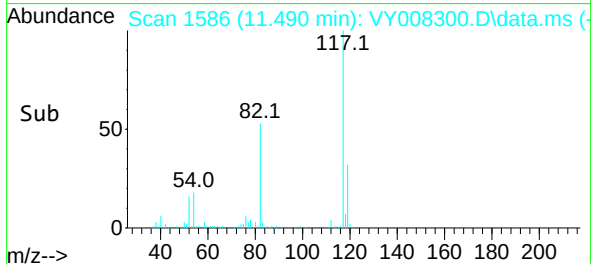
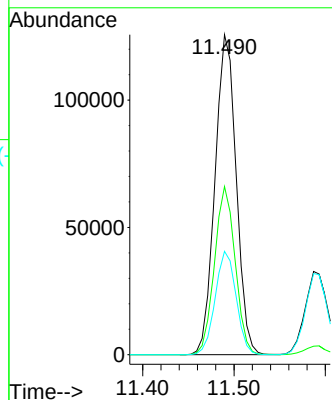
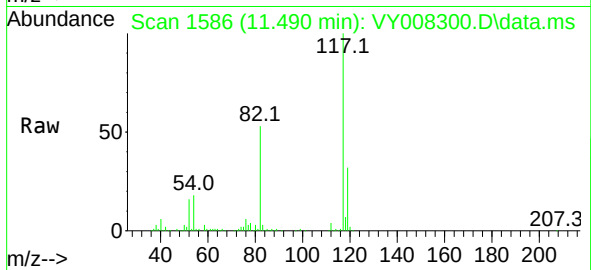
Tgt Ion:117 Resp: 202921

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

119 32.3 25.4 38.0



#64

Tetrachloroethene

Concen: 43.032 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Tgt Ion:164 Resp: 61544

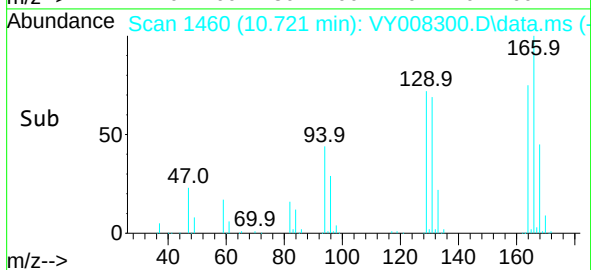
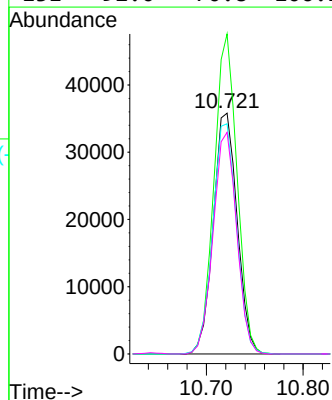
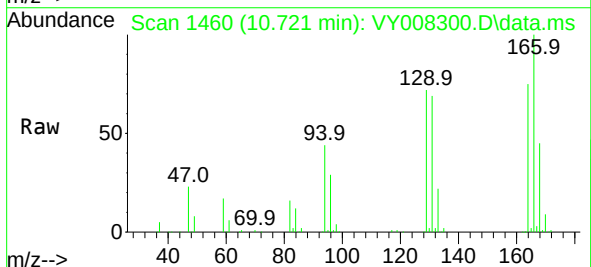
Ion Ratio Lower Upper

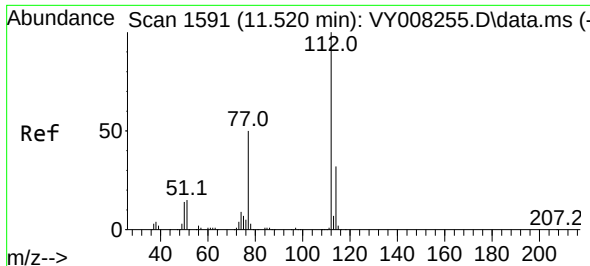
164 100

166 132.9 100.4 150.6

129 95.6 71.4 107.0

131 92.0 70.8 106.2

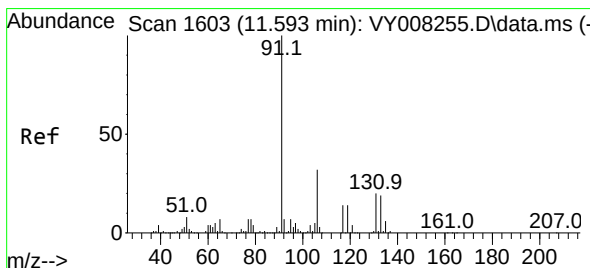
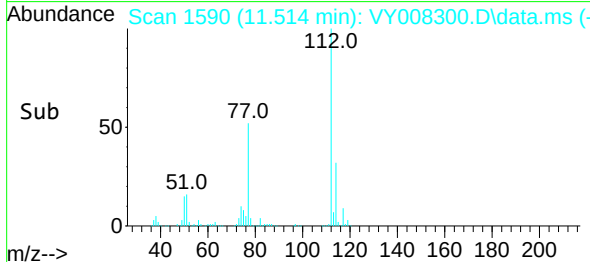
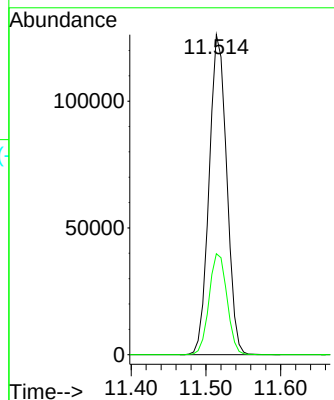
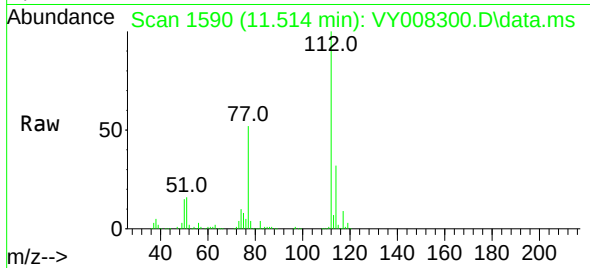




#65
Chlorobenzene
Concen: 46.949 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

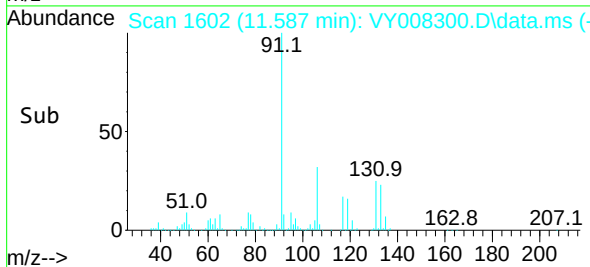
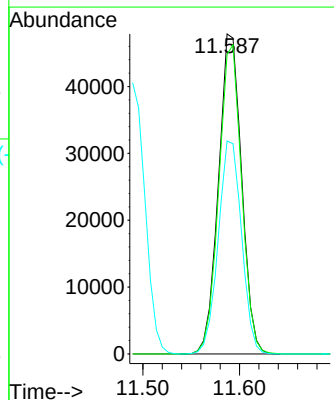
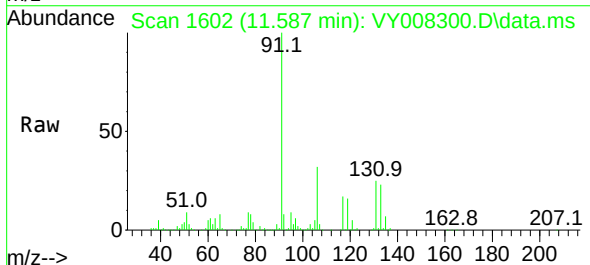
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

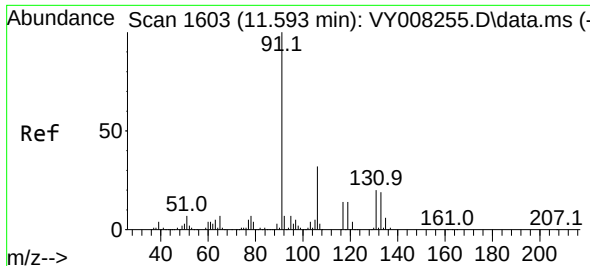
Tgt Ion:112 Resp: 206606
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.371 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion:131 Resp: 79432
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 67.1 30.8 92.3

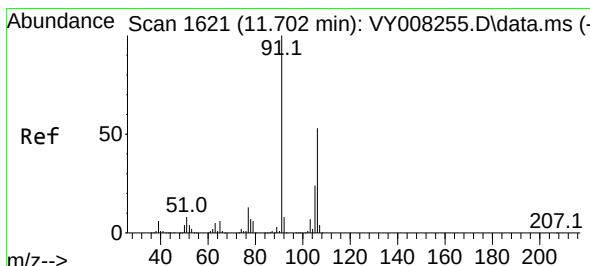
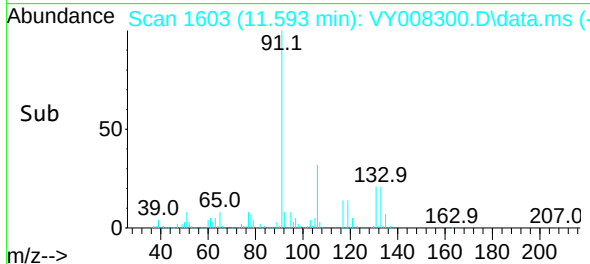
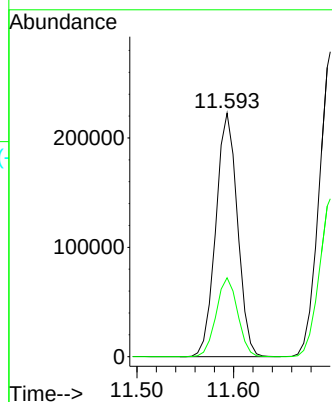
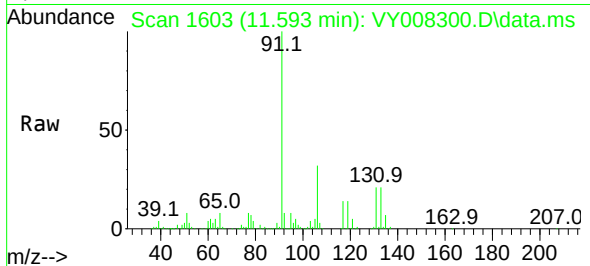




#67
Ethyl Benzene
Concen: 46.118 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

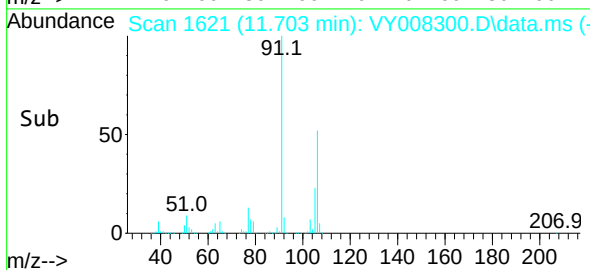
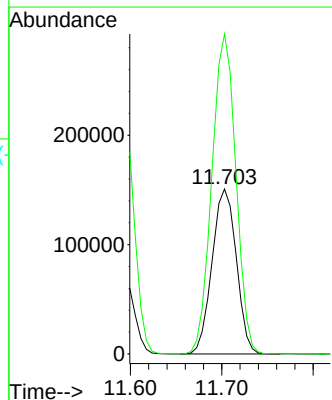
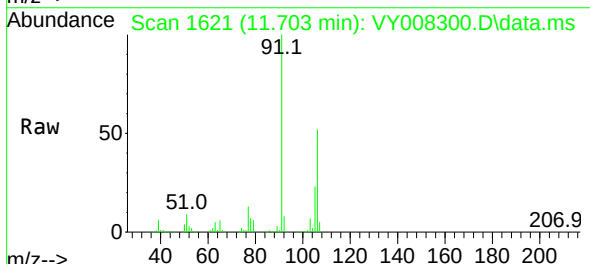
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

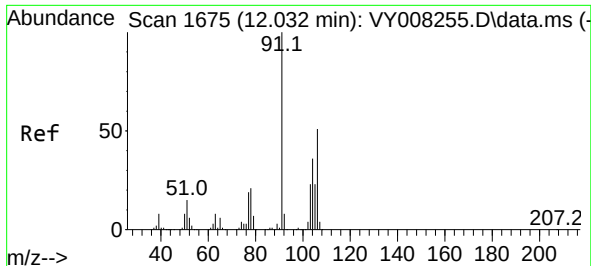
Tgt Ion: 91 Resp: 345131
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 93.485 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 106 Resp: 278235
Ion Ratio Lower Upper
106 100
91 192.0 166.6 249.8

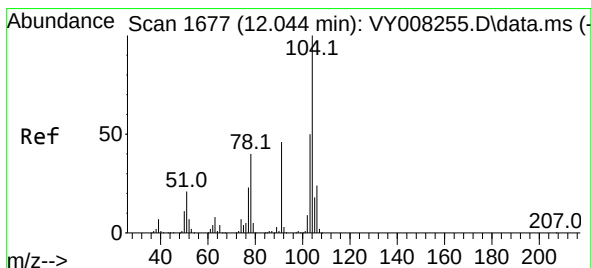
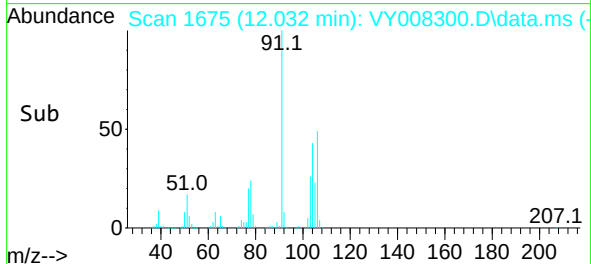
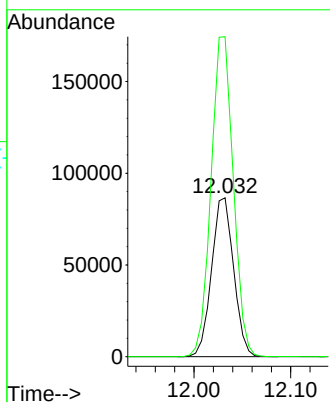
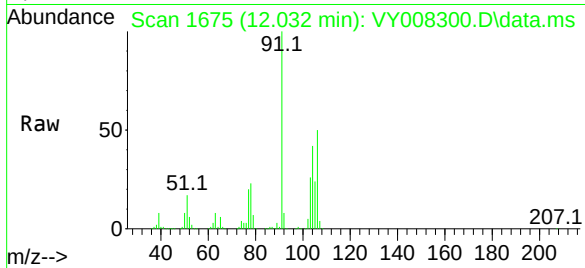




#69
o-Xylene
Concen: 47.478 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

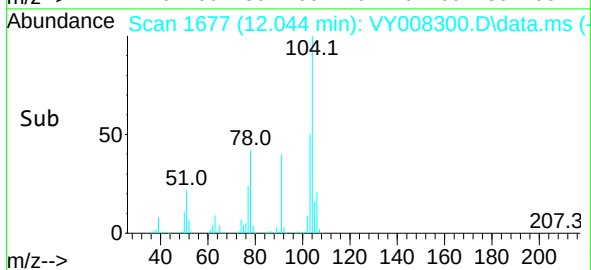
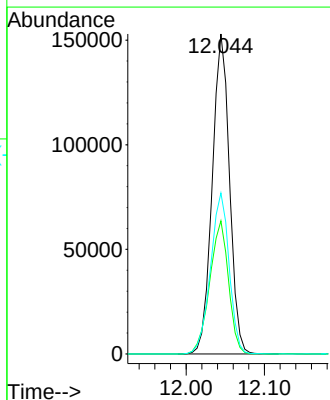
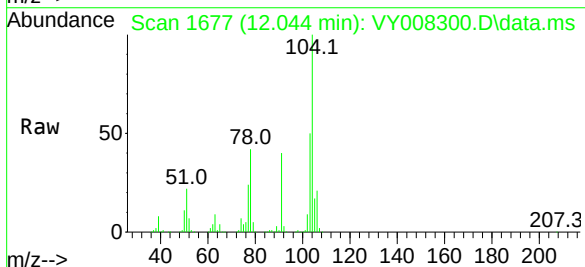
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

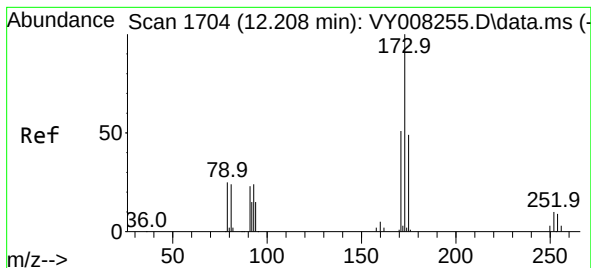
Tgt Ion:106 Resp: 137128
Ion Ratio Lower Upper
106 100
91 203.5 110.3 331.0



#70
Styrene
Concen: 49.206 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion:104 Resp: 234386
Ion Ratio Lower Upper
104 100
78 45.2 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 50.806 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

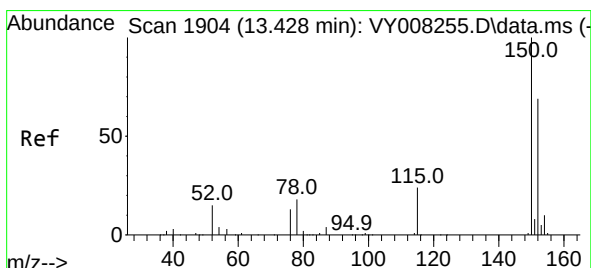
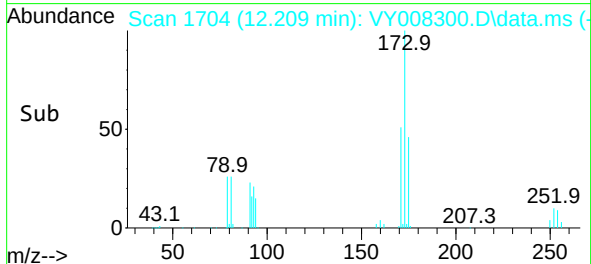
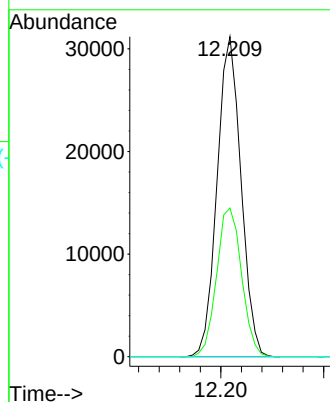
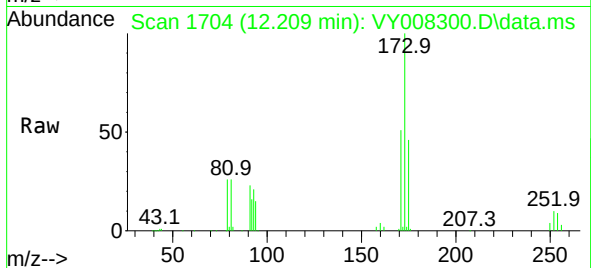
Tgt Ion:173 Resp: 50290

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

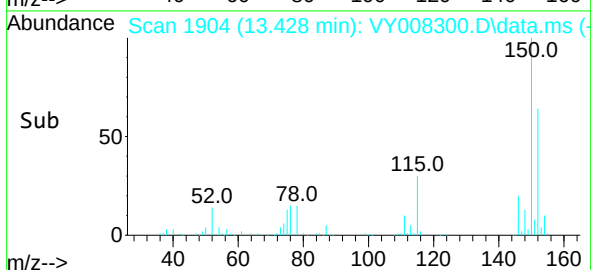
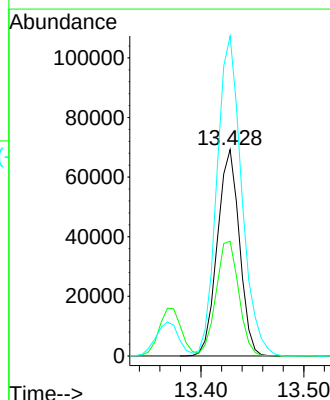
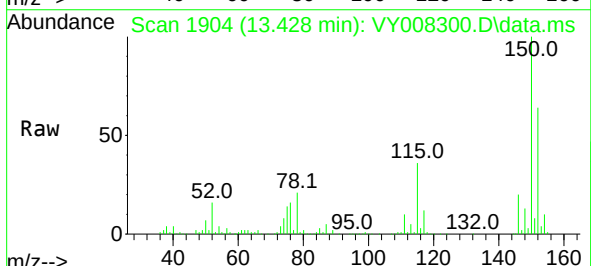
Tgt Ion:152 Resp: 103196

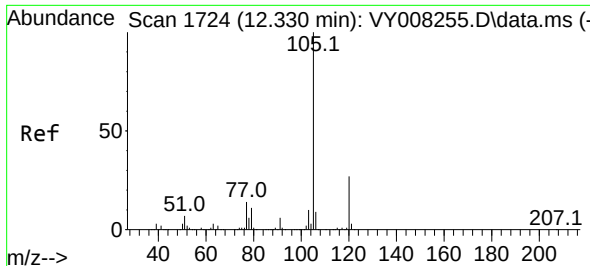
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 173.3 0.0 347.6

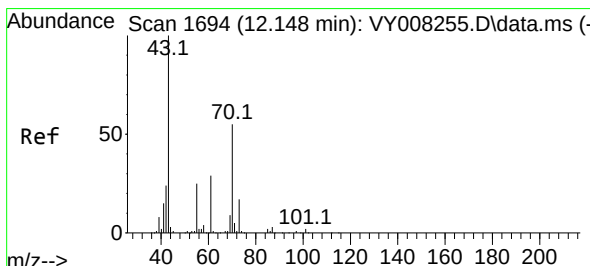
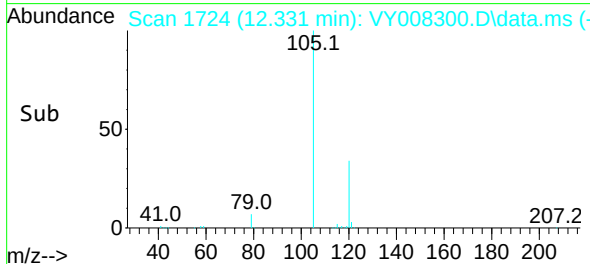
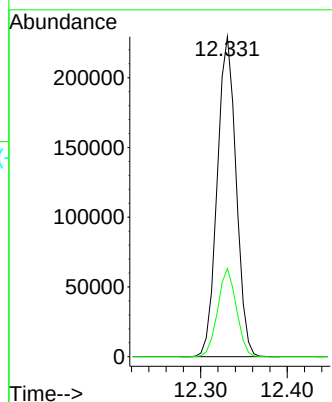
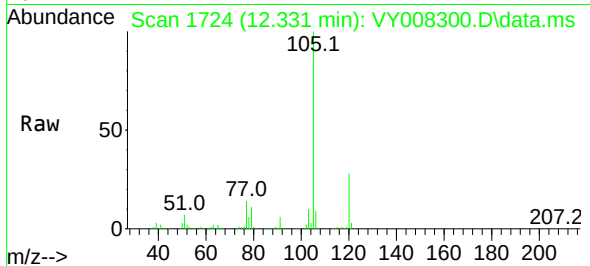




#73
Isopropylbenzene
Concen: 45.258 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

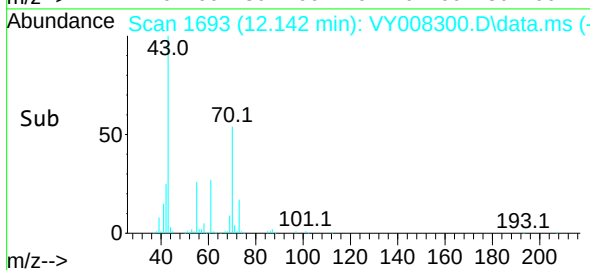
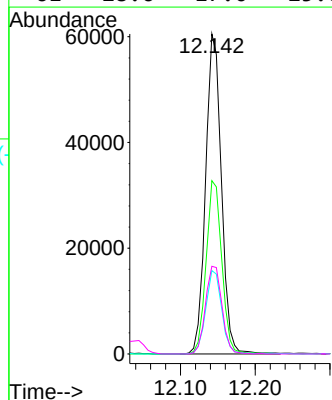
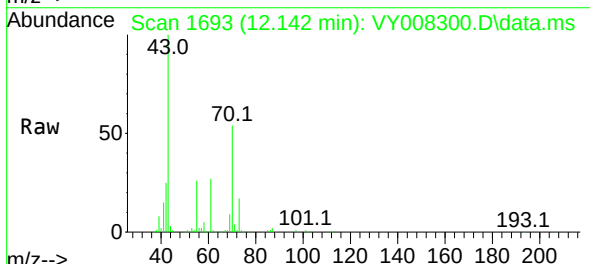
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

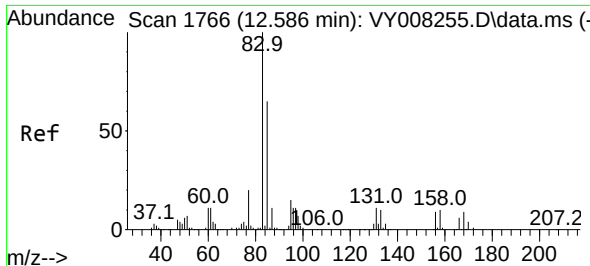
Tgt Ion:105 Resp: 347238
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 53.258 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 43 Resp: 88714
Ion Ratio Lower Upper
43 100
70 53.8 28.7 43.1#
55 26.3 17.3 25.9#
61 28.6 17.0 25.6#

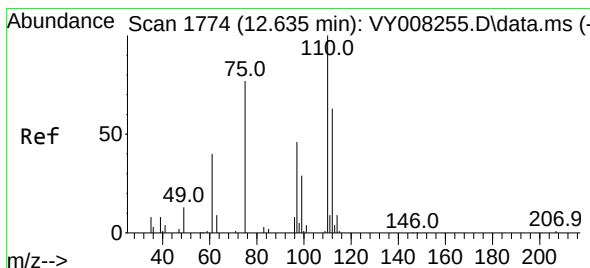
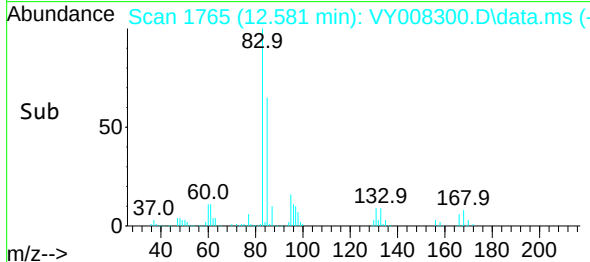
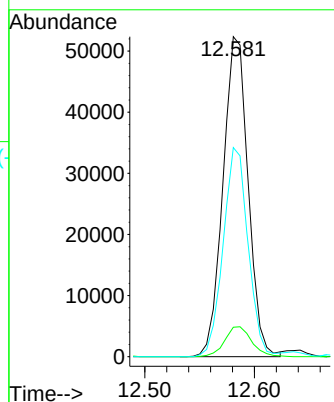
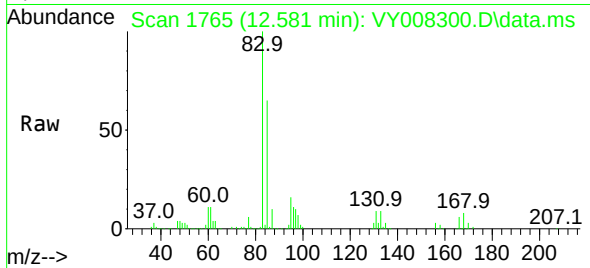




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.404 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: VY008300.D
 Acq: 12 Apr 2022 20:03

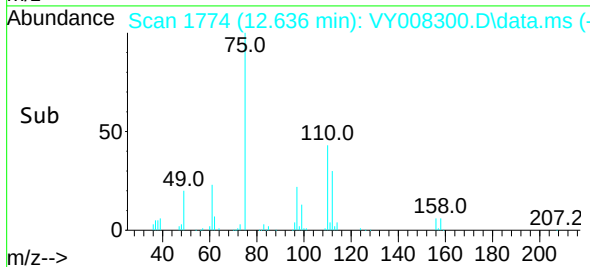
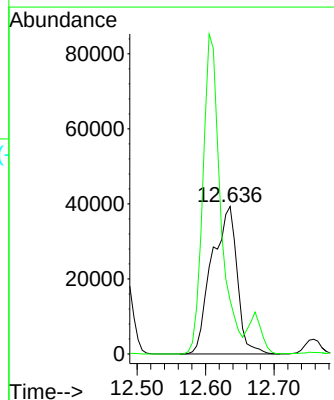
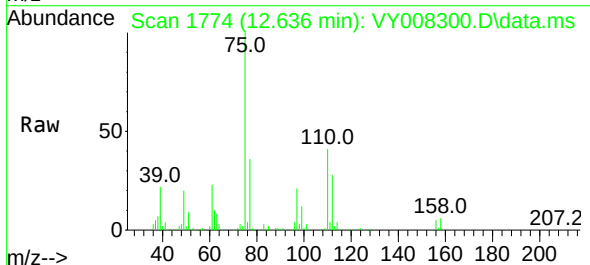
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

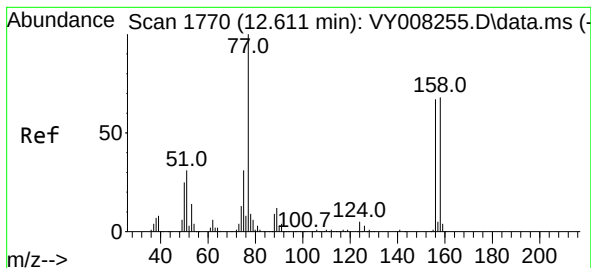
Tgt Ion: 83 Resp: 83453
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.6 16.8
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 88.325 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.001 min
 Lab File: VY008300.D
 Acq: 12 Apr 2022 20:03

Tgt Ion: 75 Resp: 100807
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.683 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

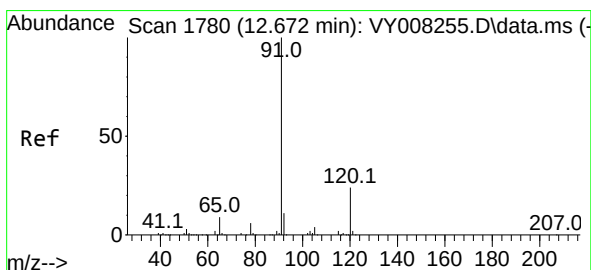
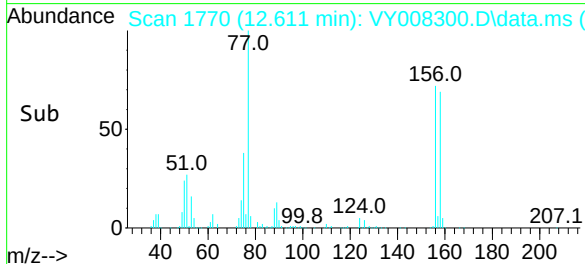
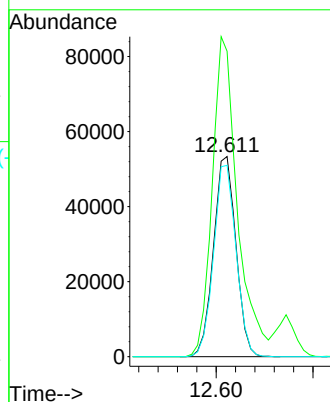
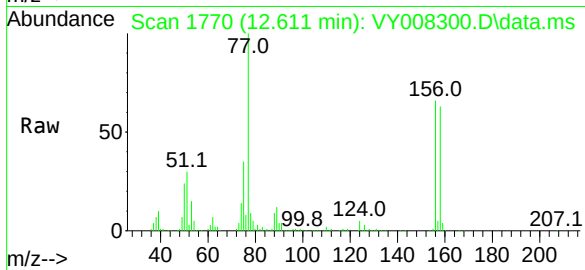
Tgt Ion:156 Resp: 85890

Ion Ratio Lower Upper

156 100

77 178.5 95.5 286.4

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 45.439 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008300.D

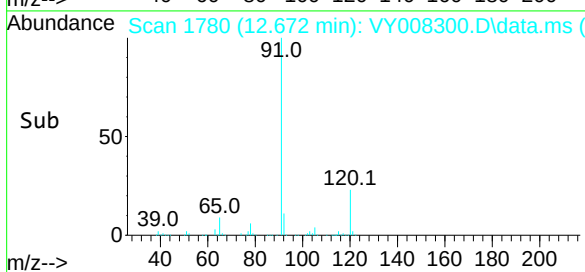
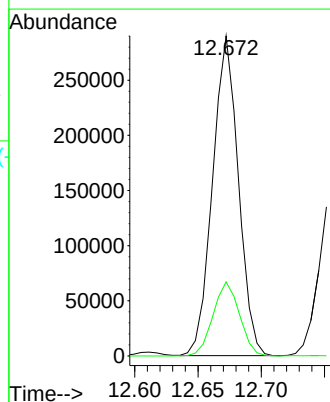
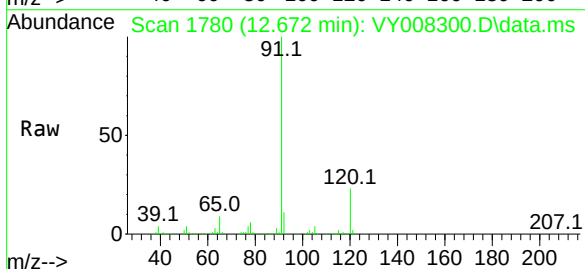
Acq: 12 Apr 2022 20:03

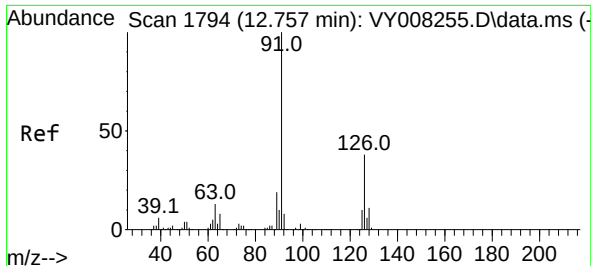
Tgt Ion: 91 Resp: 411384

Ion Ratio Lower Upper

91 100

120 23.6 11.3 33.9

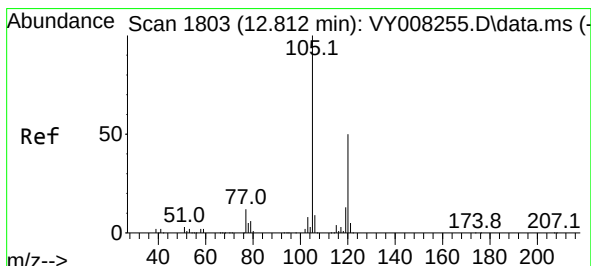
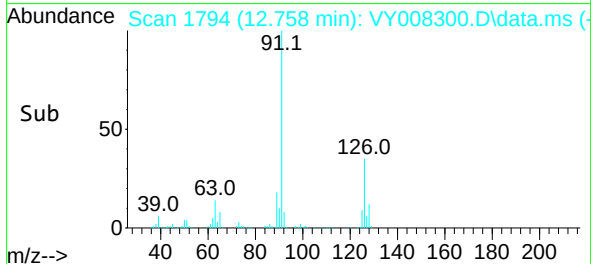
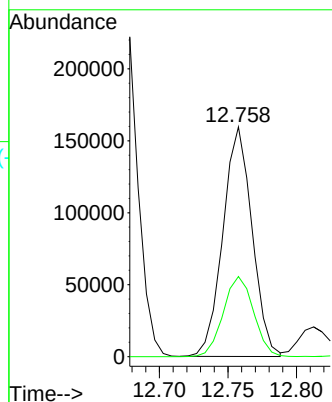
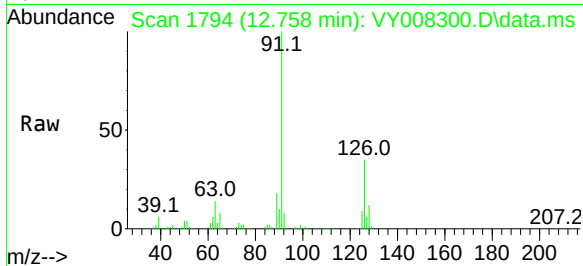




#79
2-Chlorotoluene
Concen: 46.470 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

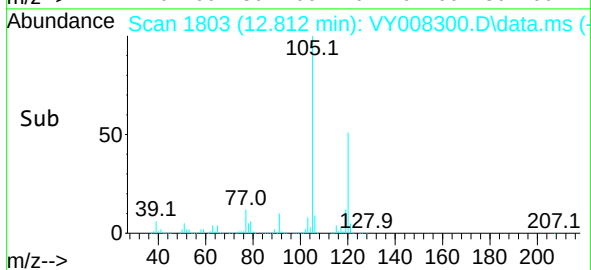
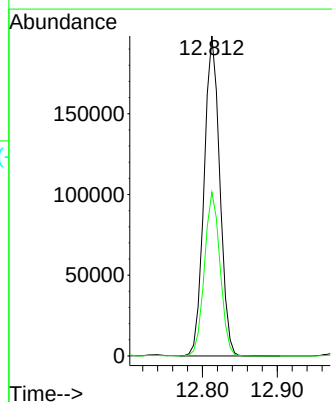
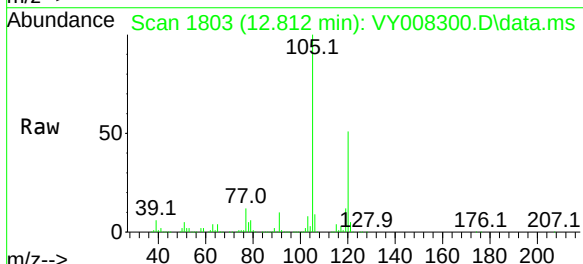
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

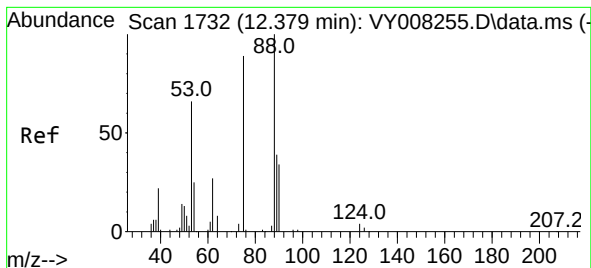
Tgt Ion: 91 Resp: 236111
Ion Ratio Lower Upper
91 100
126 36.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 45.846 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 105 Resp: 288431
Ion Ratio Lower Upper
105 100
120 50.8 24.4 73.4

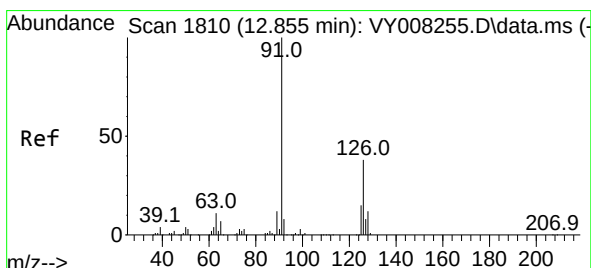
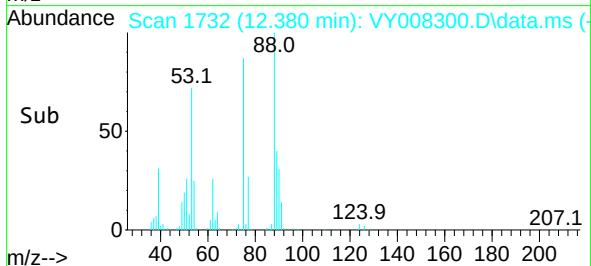
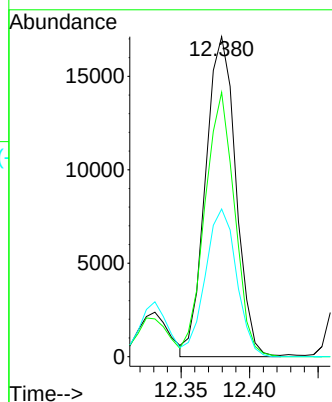
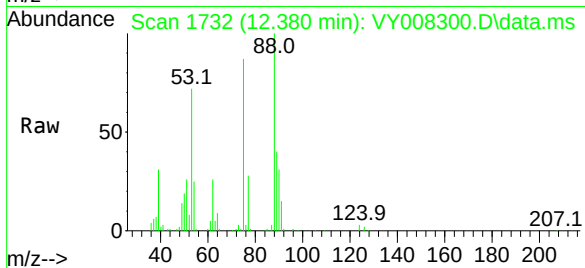




#81
trans-1,4-Dichloro-2-butene
Concen: 51.667 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

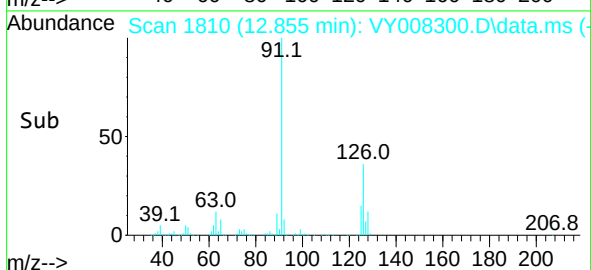
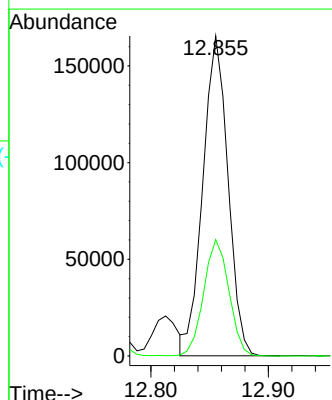
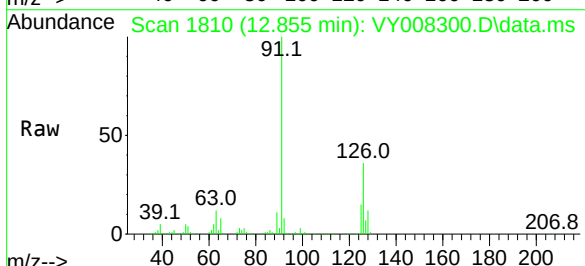
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

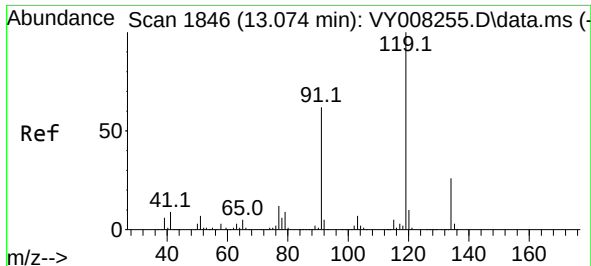
Tgt Ion: 75 Resp: 26355
Ion Ratio Lower Upper
75 100
53 81.0 85.3 127.9#
89 47.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.990 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 91 Resp: 245354
Ion Ratio Lower Upper
91 100
126 36.6 17.0 51.0





#83

tert-Butylbenzene

Concen: 45.850 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

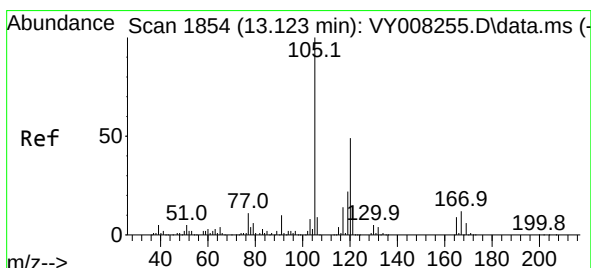
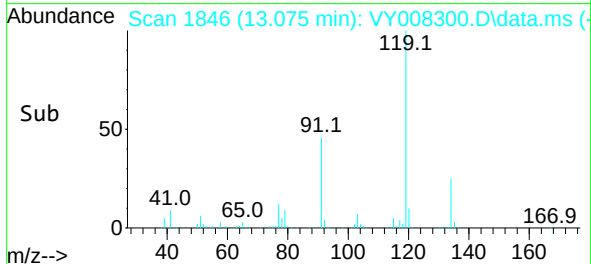
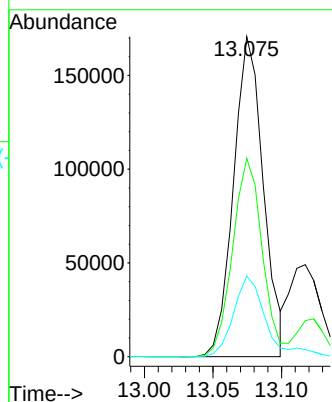
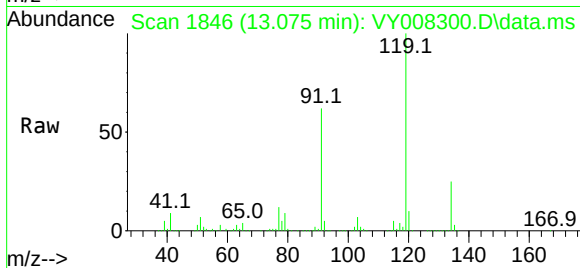
Tgt Ion:119 Resp: 258778

Ion Ratio Lower Upper

119 100

91 62.1 34.8 104.4

134 27.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 46.836 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008300.D

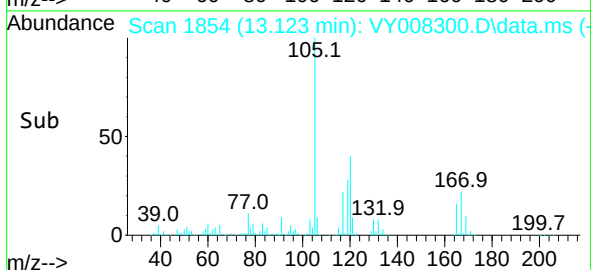
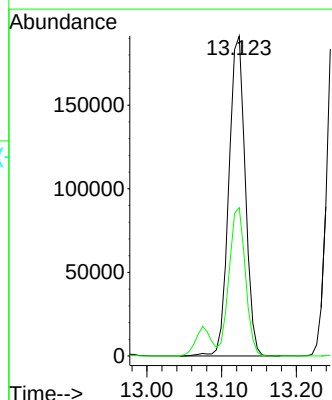
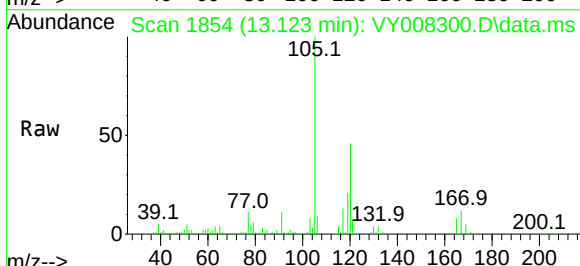
Acq: 12 Apr 2022 20:03

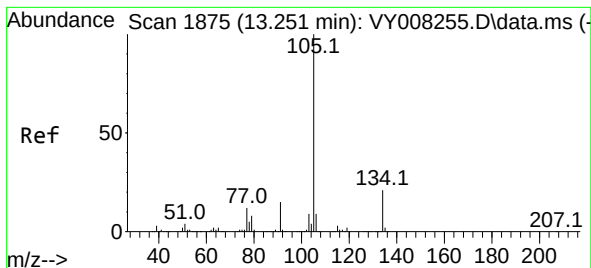
Tgt Ion:105 Resp: 291605

Ion Ratio Lower Upper

105 100

120 46.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 45.569 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

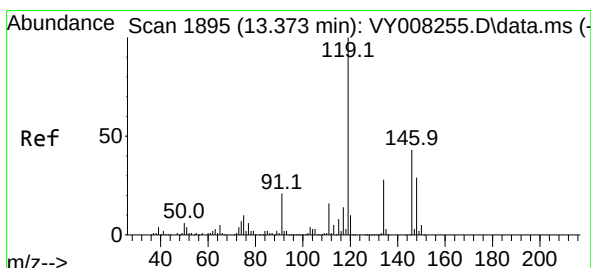
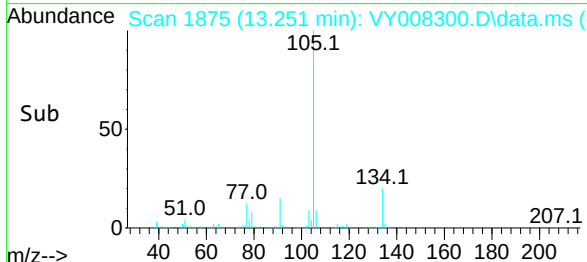
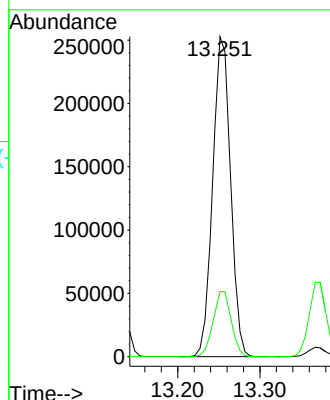
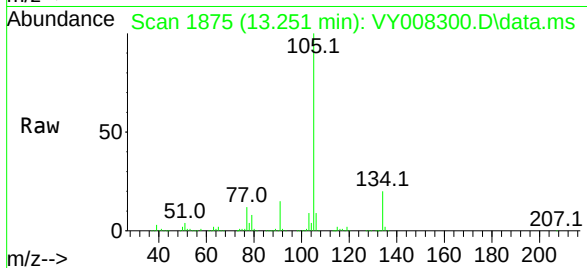
VSTDCCC050EC

Tgt Ion:105 Resp: 381293

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 46.357 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

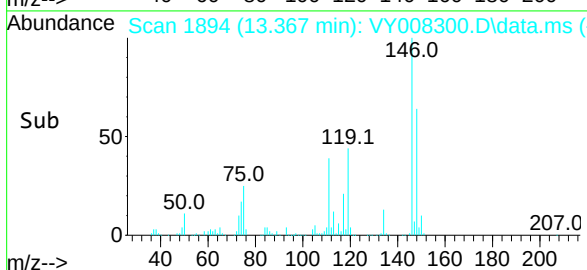
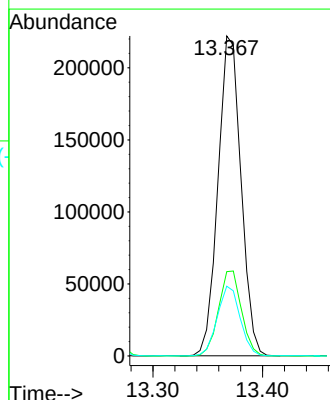
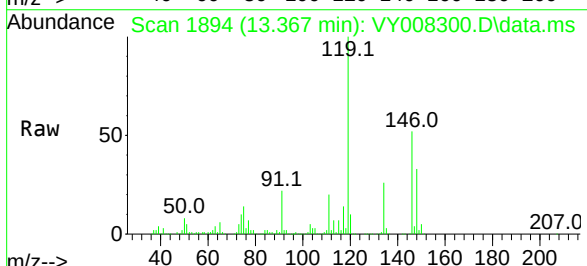
Tgt Ion:119 Resp: 323690

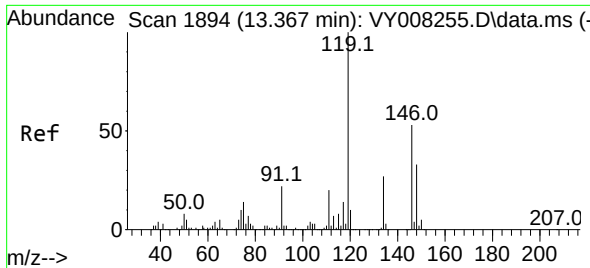
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 21.6 12.4 37.2

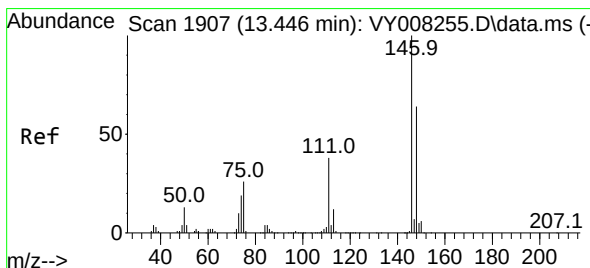
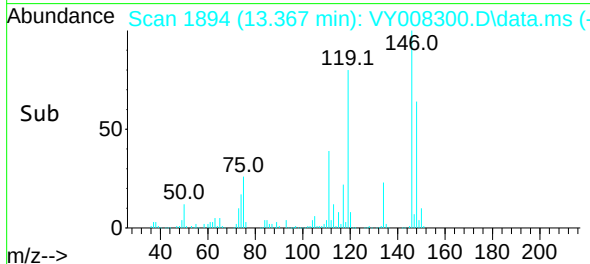
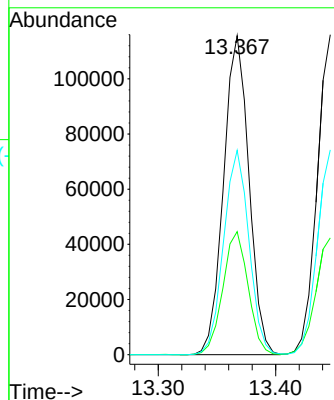
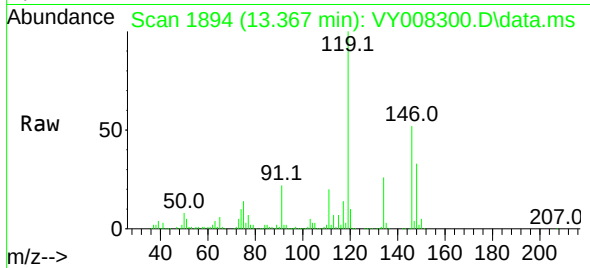




#87
1,3-Dichlorobenzene
Concen: 46.579 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

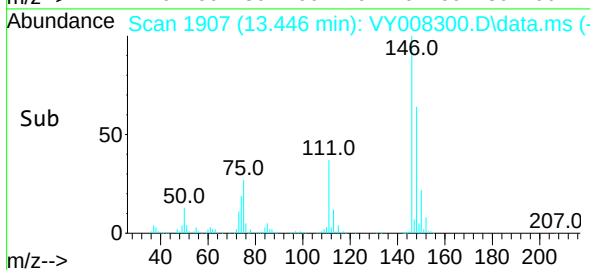
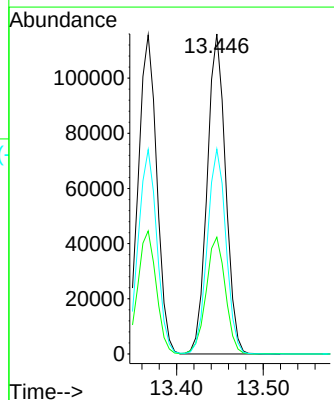
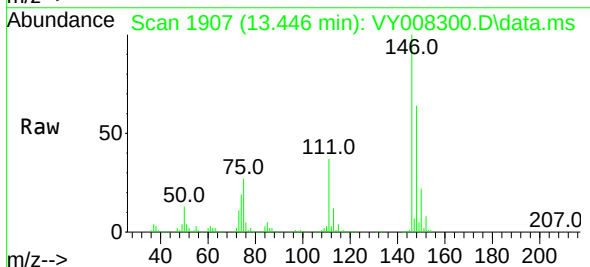
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

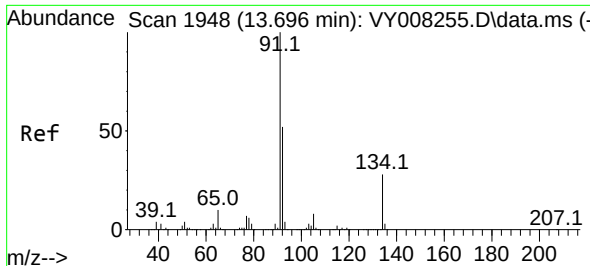
Tgt Ion:146 Resp: 173438
Ion Ratio Lower Upper
146 100
111 38.5 19.5 58.5
148 64.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 46.622 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion:146 Resp: 171816
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.8
148 64.7 32.6 97.8

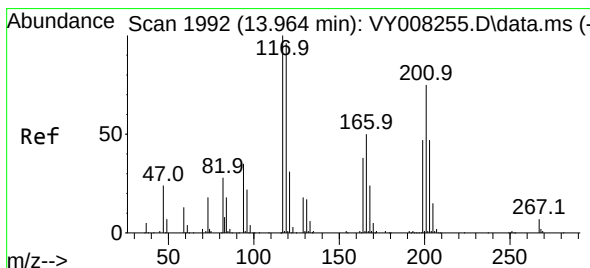
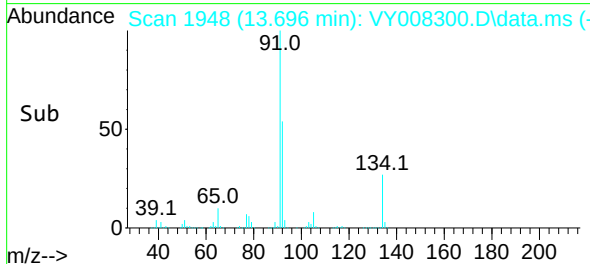
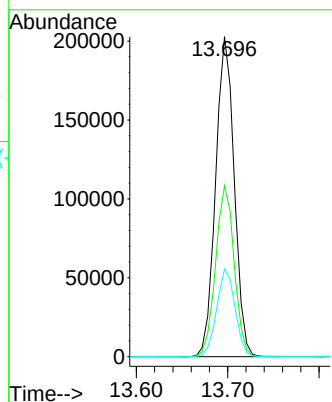
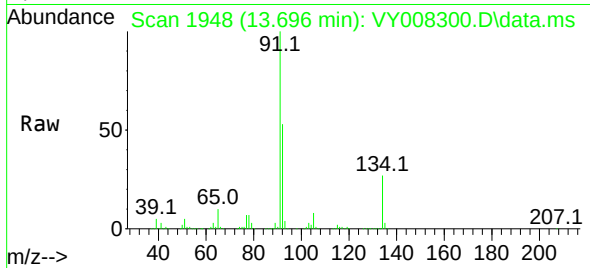




#89
n-Butylbenzene
Concen: 45.463 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

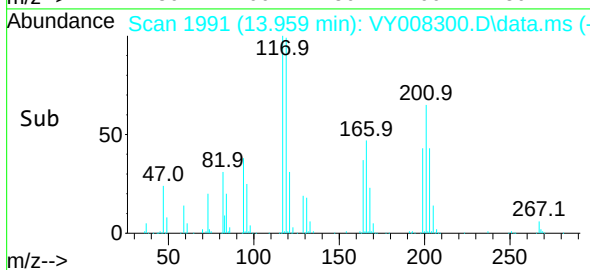
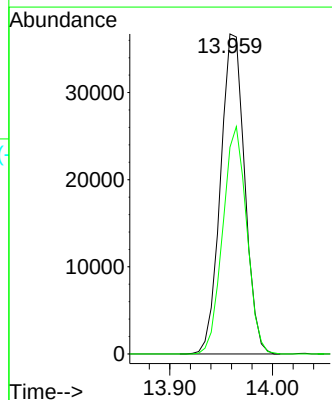
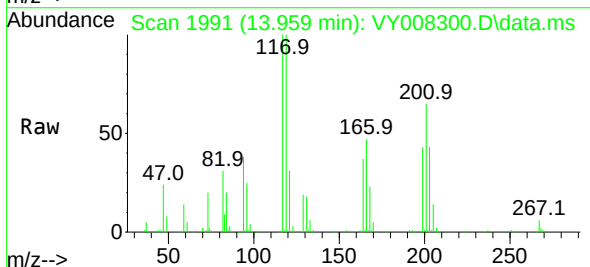
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

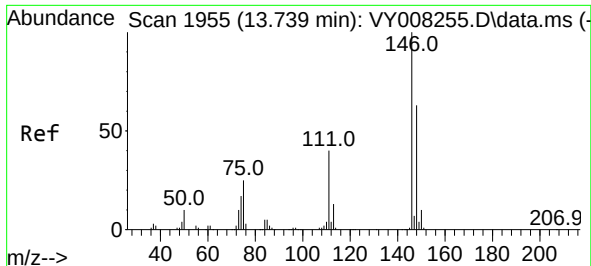
Tgt Ion: 91 Resp: 286813
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 27.1 13.0 38.9



#90
Hexachloroethane
Concen: 45.963 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion: 117 Resp: 59984
Ion Ratio Lower Upper
117 100
201 70.2 43.0 128.8

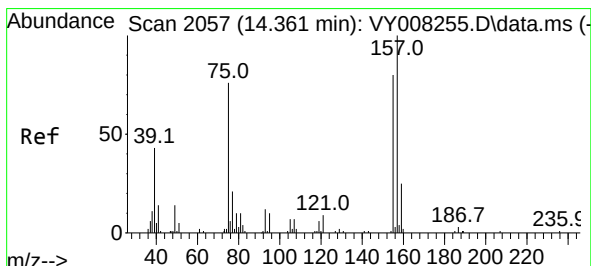
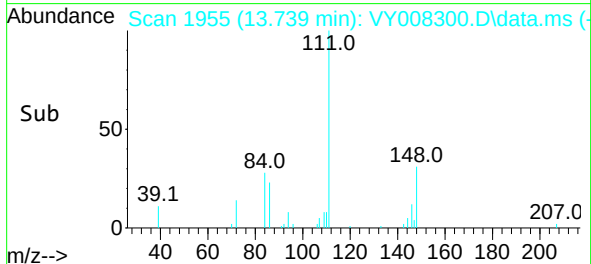
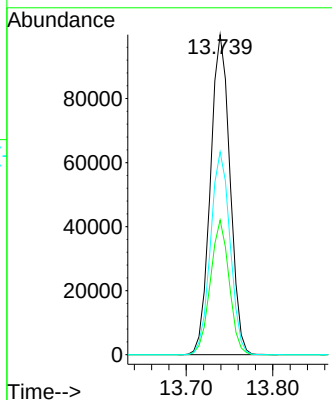
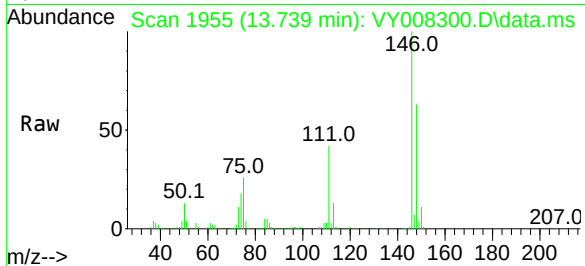




#91
1,2-Dichlorobenzene
Concen: 47.392 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

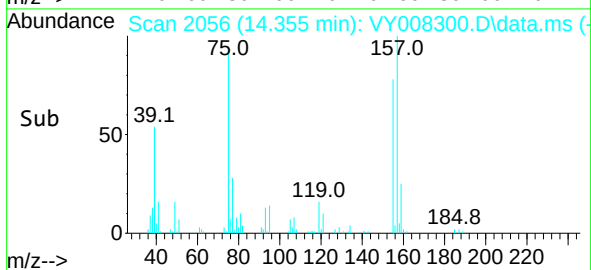
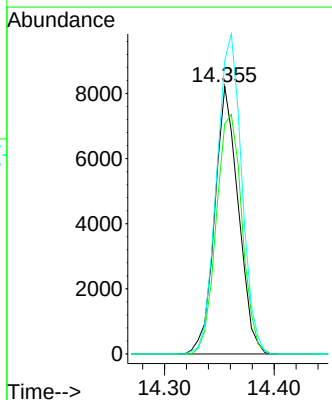
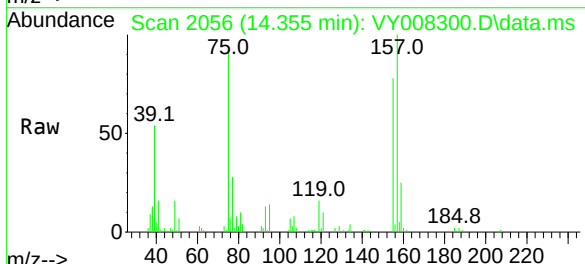
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

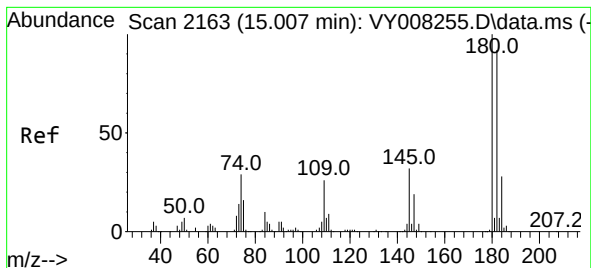
Tgt Ion:	146	Resp:	157000
Ion Ratio	Lower	Upper	
146	100		
111	40.2	20.3	60.9
148	63.3	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.932 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion:	75	Resp:	12295
Ion Ratio	Lower	Upper	
75	100		
155	97.5	38.0	113.9
157	126.4	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 45.174 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

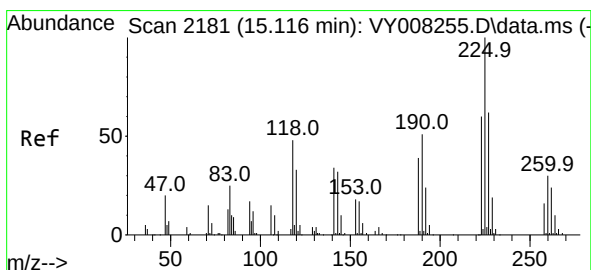
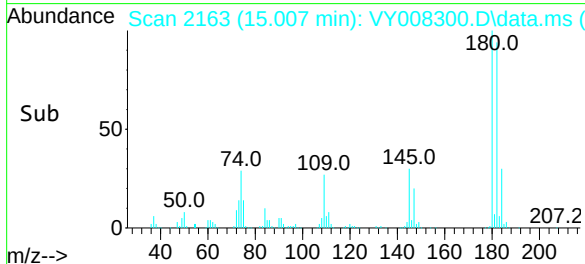
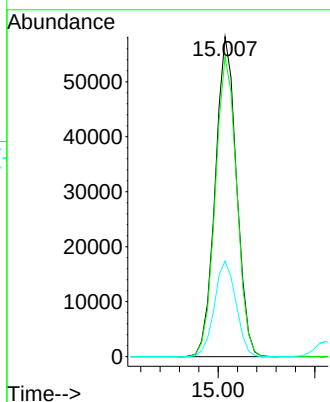
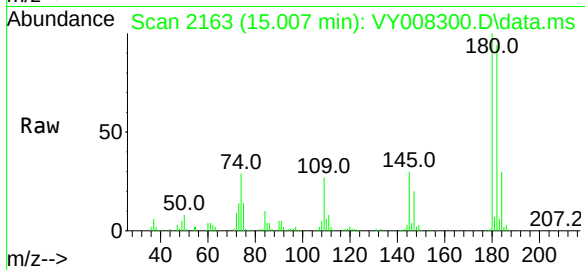
Tgt Ion:180 Resp: 88514

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 30.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 41.228 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008300.D

Acq: 12 Apr 2022 20:03

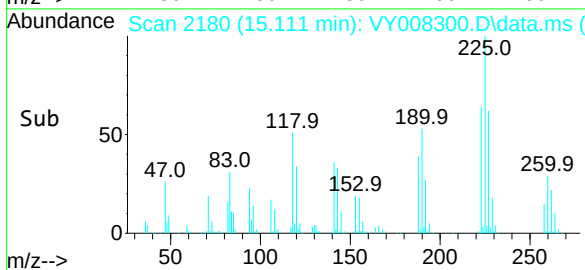
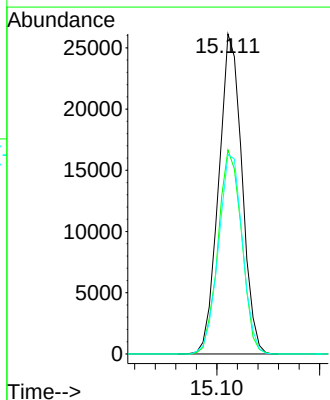
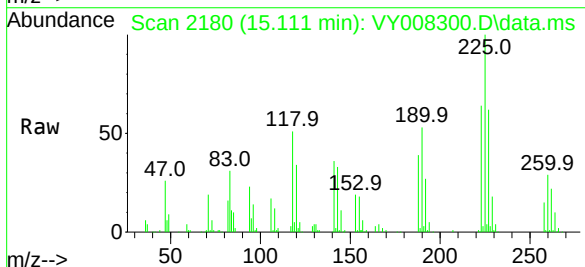
Tgt Ion:225 Resp: 41011

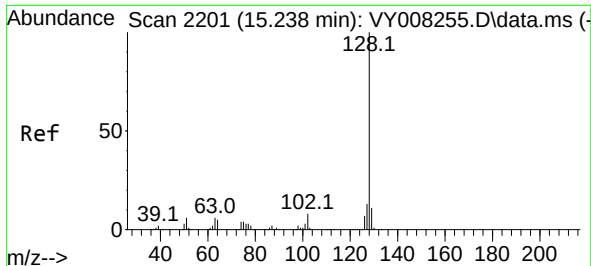
Ion Ratio Lower Upper

225 100

223 64.5 30.8 92.3

227 64.2 31.6 94.7

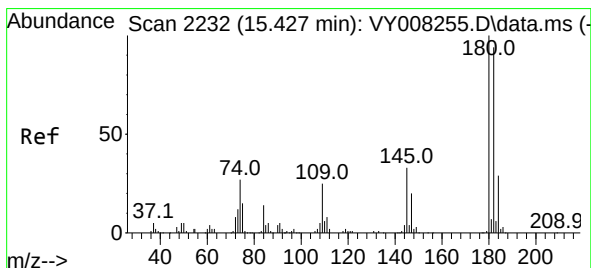
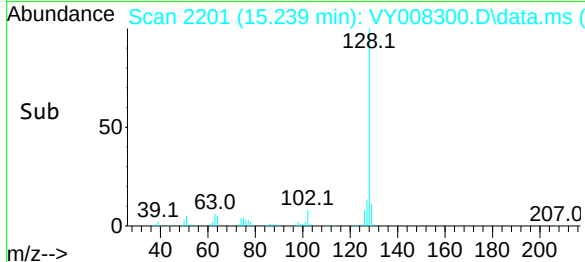
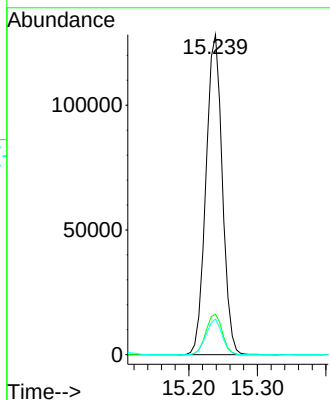
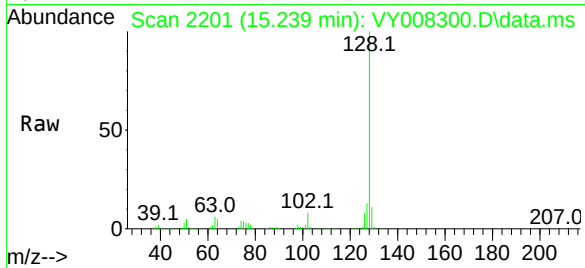




#95
Naphthalene
Concen: 50.775 ug/l
RT: 15.239 min Scan# 211
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 213107
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 46.309 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.001 min
Lab File: VY008300.D
Acq: 12 Apr 2022 20:03

Tgt Ion:180 Resp: 79403
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.9
145 33.2 15.3 45.9

