

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012034.D
 Acq On : 29 Dec 2022 17:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 30 04:01:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	272764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105202	55.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.260%	
35) Dibromofluoromethane	7.716	113	93460	53.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.520%	
50) Toluene-d8	10.179	98	353838	49.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.483	95	130608	54.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	75542	50.003	ug/l	96
3) Chloromethane	2.113	50	72765	43.163	ug/l	96
4) Vinyl Chloride	2.253	62	84182	45.281	ug/l	98
5) Bromomethane	2.650	94	60097	45.437	ug/l	98
6) Chloroethane	2.796	64	56381	46.396	ug/l	100
7) Trichlorofluoromethane	3.131	101	161649	49.670	ug/l	99
8) Diethyl Ether	3.534	74	53887	53.663	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	88261	49.265	ug/l	96
10) Methyl Iodide	4.095	142	118120	47.653	ug/l	96
11) Tert butyl alcohol	4.954	59	52427	285.369	ug/l	100
12) 1,1-Dichloroethene	3.875	96	84721	47.275	ug/l	95
13) Acrolein	3.735	56	37688	211.270	ug/l	100
14) Allyl chloride	4.479	41	121831	46.165	ug/l	93
15) Acrylonitrile	5.161	53	138702	296.934	ug/l	99
16) Acetone	3.948	43	126499	222.575	ug/l	97
17) Carbon Disulfide	4.198	76	227395	39.779	ug/l	98
18) Methyl Acetate	4.479	43	73903	56.045	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	274870	59.779	ug/l	98
20) Methylene Chloride	4.716	84	105775	47.923	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	97852	48.055	ug/l	92
22) Diisopropyl ether	6.119	45	267523	51.470	ug/l	95
23) Vinyl Acetate	6.058	43	836424	279.703	ug/l	96
24) 1,1-Dichloroethane	6.015	63	165039	48.849	ug/l	99
25) 2-Butanone	6.984	43	170505	268.227	ug/l	96
26) 2,2-Dichloropropane	6.984	77	164941	49.891	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	112787	51.212	ug/l	96
28) Bromochloromethane	7.332	49	43165	46.558	ug/l	85
29) Tetrahydrofuran	7.344	42	106134	294.687	ug/l	90
30) Chloroform	7.509	83	191682	52.637	ug/l	99
31) Cyclohexane	7.783	56	135927	42.311	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	177941	51.374	ug/l	99
36) 1,1-Dichloropropene	7.917	75	130452	46.348	ug/l	98
37) Ethyl Acetate	7.070	43	72833	57.676	ug/l	# 95
38) Carbon Tetrachloride	7.899	117	164907	50.730	ug/l	99
39) Methylcyclohexane	9.185	83	156903	46.328	ug/l	96
40) Benzene	8.161	78	390613	48.494	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	31545m	51.659	ug/l	
42) 1,2-Dichloroethane	8.240	62	127841	55.132	ug/l	100
43) Isopropyl Acetate	8.271	43	134359	58.258	ug/l	97
44) Trichloroethene	8.941	130	114488	50.427	ug/l	98
45) 1,2-Dichloropropane	9.216	63	91543	49.188	ug/l	99
46) Dibromomethane	9.307	93	59295	55.312	ug/l	99
47) Bromodichloromethane	9.496	83	147936	54.395	ug/l	99
48) Methyl methacrylate	9.295	41	61293	57.399	ug/l	94
49) 1,4-Dioxane	9.295	88	17105	1336.418	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	373059	303.359	ug/l	97
52) Toluene	10.246	92	261588	50.973	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	154529	56.231	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	165043	53.429	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	85357	56.110	ug/l	98
56) Ethyl methacrylate	10.508	69	118810	61.685	ug/l	96
57) 1,3-Dichloropropane	10.788	76	142404	56.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	206860	278.327	ug/l	93
59) 2-Hexanone	10.831	43	268152	296.397	ug/l	97
60) Dibromochloromethane	10.984	129	110871	57.854	ug/l	100
61) 1,2-Dibromoethane	11.087	107	80418	56.503	ug/l	100
64) Tetrachloroethene	10.721	164	122926	51.487	ug/l	97
65) Chlorobenzene	11.514	112	283423	50.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	111212	52.777	ug/l	98
67) Ethyl Benzene	11.593	91	511808	49.994	ug/l	99
68) m/p-Xylenes	11.703	106	403230	101.278	ug/l	99
69) o-Xylene	12.026	106	192862	52.062	ug/l	99
70) Styrene	12.044	104	332767	53.499	ug/l	100
71) Bromoform	12.209	173	74154	59.389	ug/l	98
73) Isopropylbenzene	12.331	105	520802	48.647	ug/l	99
74) N-amyl acetate	12.142	43	122224	55.688	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	94047	52.659	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	76794m	42.778	ug/l	
77) Bromobenzene	12.605	156	124666	50.334	ug/l	97
78) n-propylbenzene	12.672	91	616783	47.930	ug/l	99
79) 2-Chlorotoluene	12.758	91	349397	48.303	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	450245	49.122	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35824	54.648	ug/l	99
82) 4-Chlorotoluene	12.855	91	365070	48.778	ug/l	99
83) tert-Butylbenzene	13.075	119	386624	49.771	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	450344	49.943	ug/l	99
85) sec-Butylbenzene	13.251	105	562126	48.461	ug/l	98
86) p-Isopropyltoluene	13.367	119	488693	49.930	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	244654	49.117	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	245124	49.502	ug/l	100
89) n-Butylbenzene	13.696	91	432380	48.800	ug/l	99
90) Hexachloroethane	13.959	117	90044	48.216	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	224003	51.584	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18763	61.132	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	148620	58.181	ug/l	98
94) Hexachlorobutadiene	15.111	225	86597	52.464	ug/l	98
95) Naphthalene	15.233	128	320773	59.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132054	61.144	ug/l	99

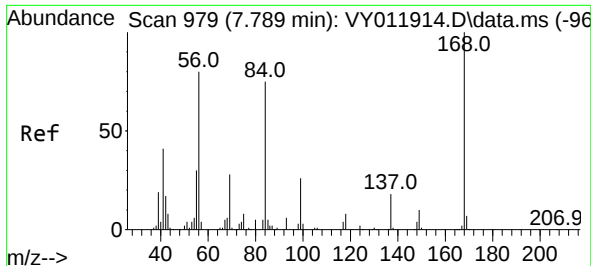
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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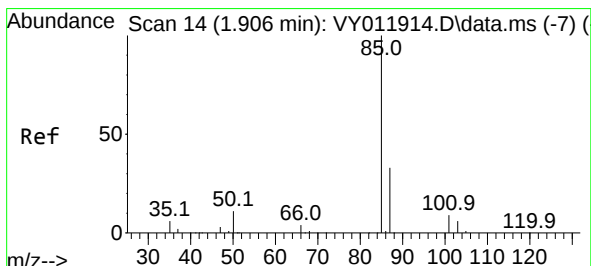
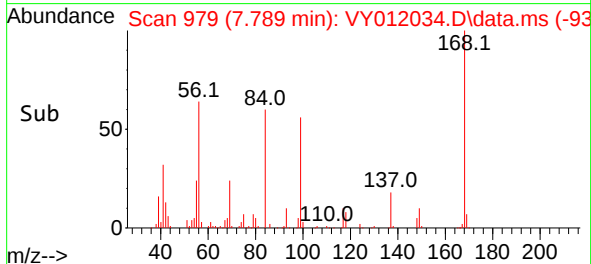
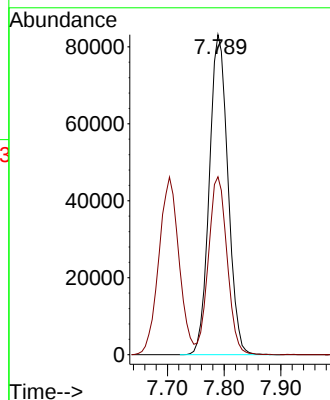
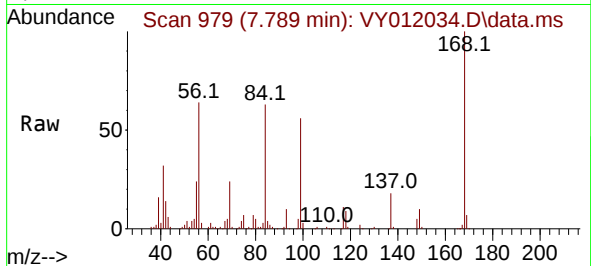
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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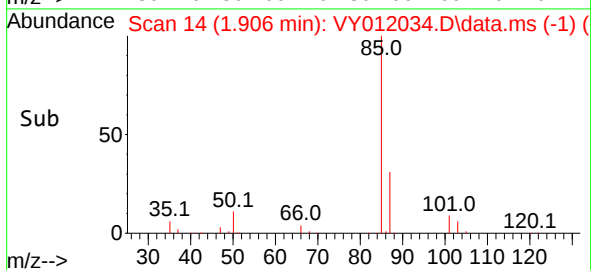
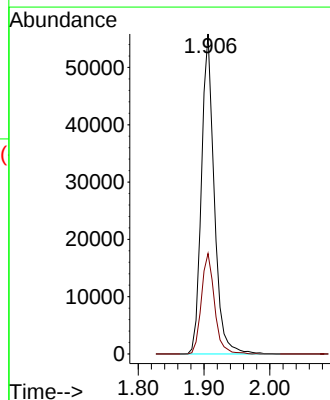
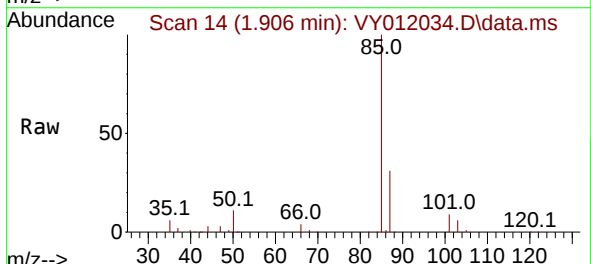
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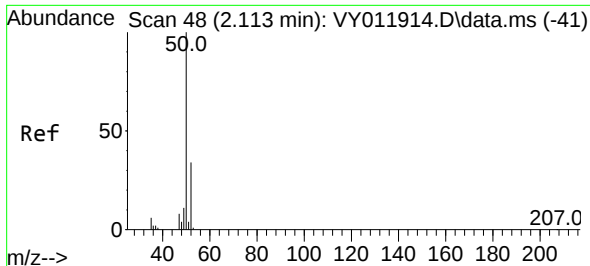
Tgt Ion:168 Resp: 189415
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 50.003 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 85 Resp: 75542
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.4

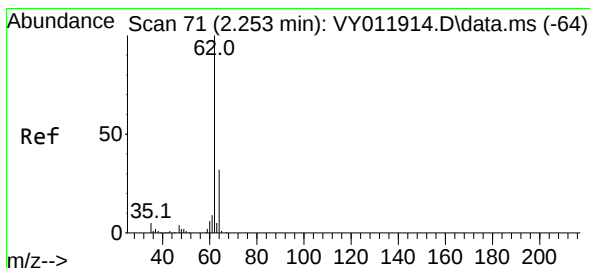
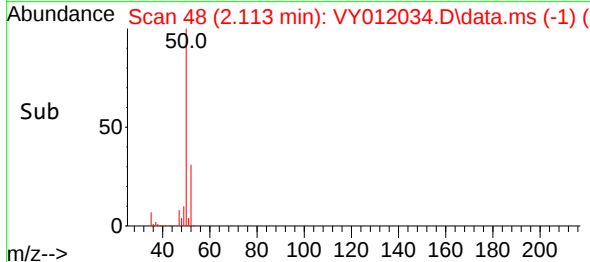
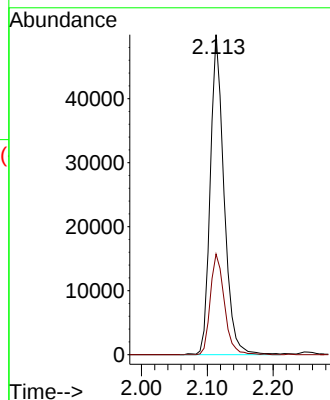
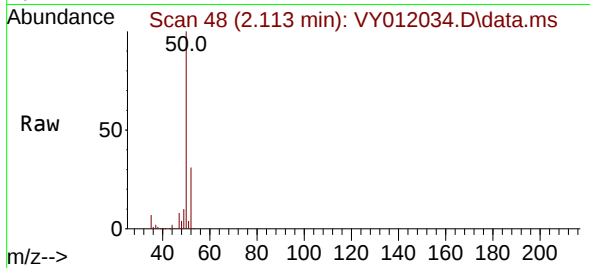




#3
Chloromethane
Concen: 43.163 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

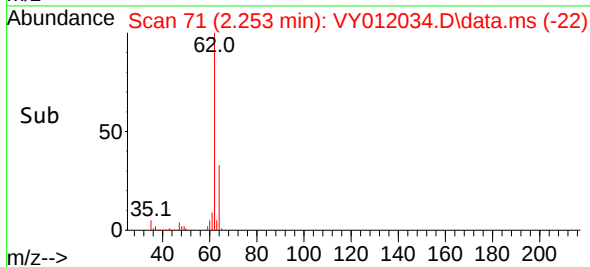
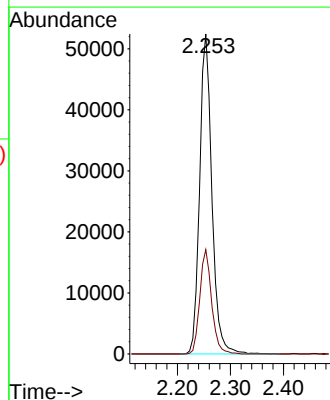
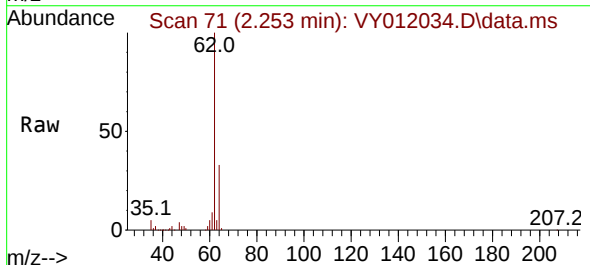
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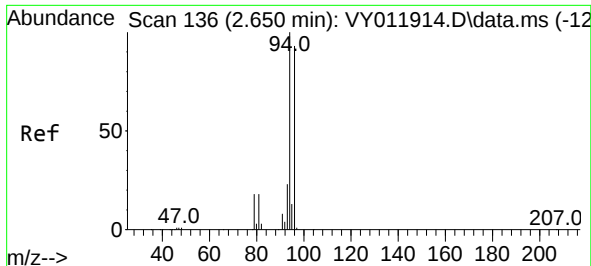
Tgt Ion: 50 Resp: 72765
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2



#4
Vinyl Chloride
Concen: 45.281 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 62 Resp: 84182
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6

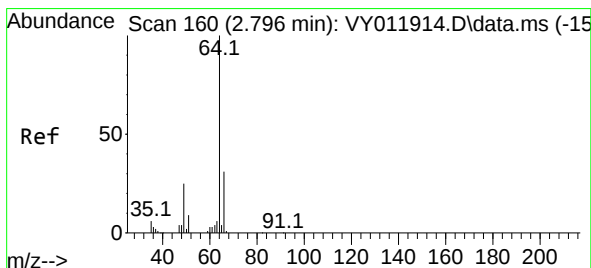
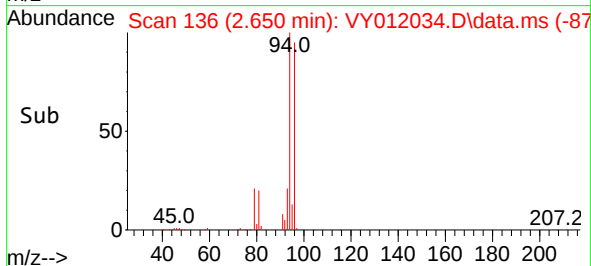
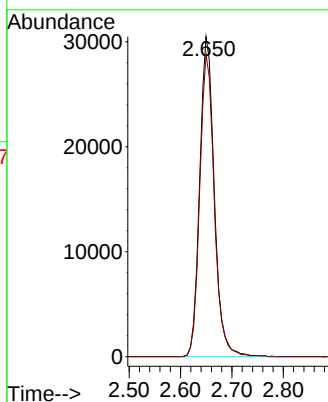
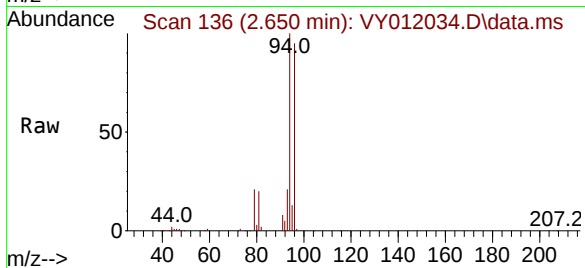




#5
Bromomethane
Concen: 45.437 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

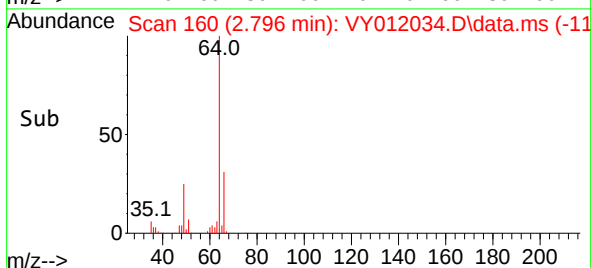
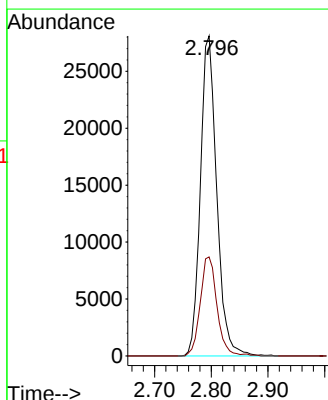
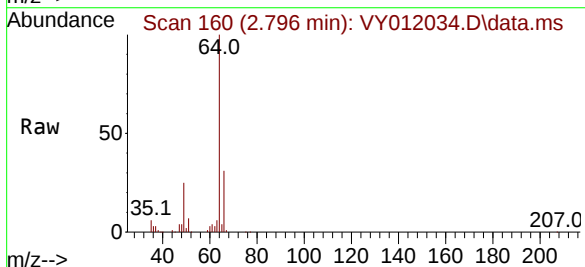
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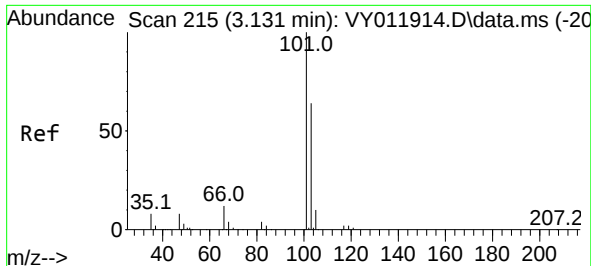
Tgt Ion: 94 Resp: 60097
Ion Ratio Lower Upper
94 100
96 94.5 77.4 116.2



#6
Chloroethane
Concen: 46.396 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 64 Resp: 56381
Ion Ratio Lower Upper
64 100
66 30.9 25.0 37.4

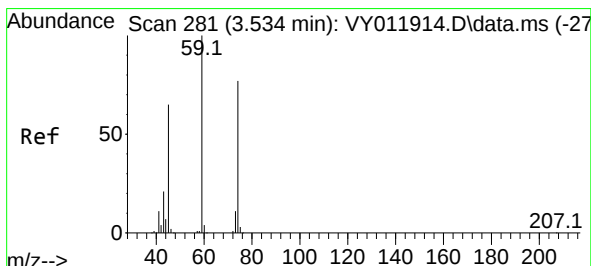
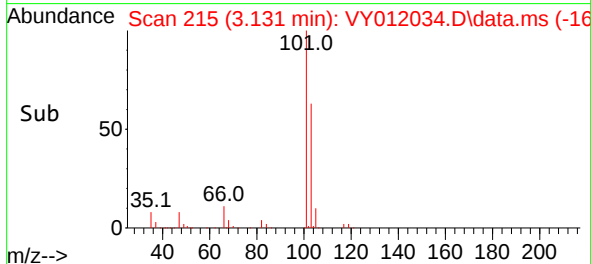
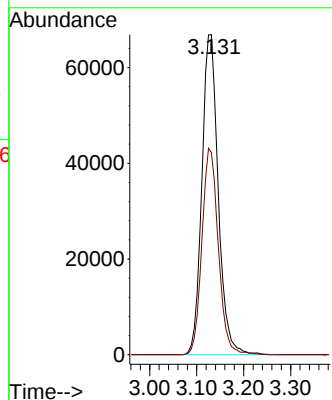
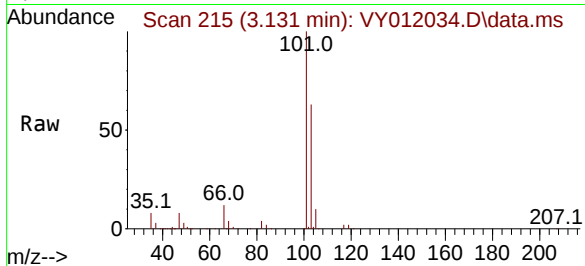




#7
Trichlorofluoromethane
Concen: 49.670 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY012034.D
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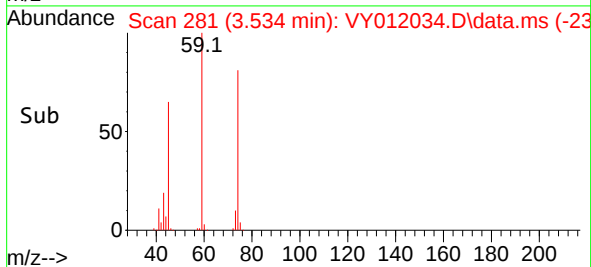
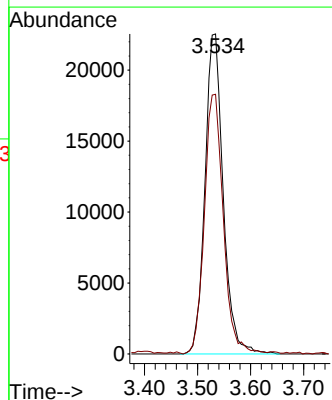
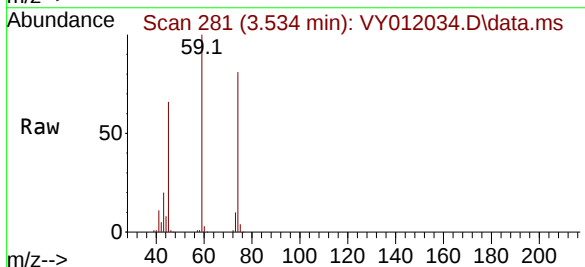
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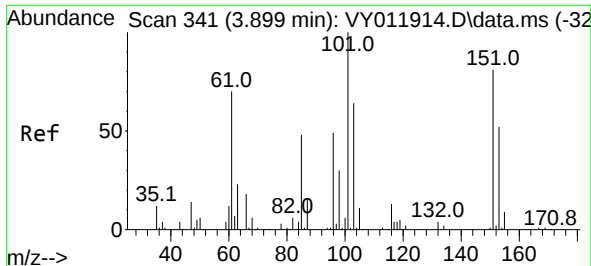
Tgt Ion:101 Resp: 161649
Ion Ratio Lower Upper
101 100
103 63.2 51.0 76.6



#8
Diethyl Ether
Concen: 53.663 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 74 Resp: 53887
Ion Ratio Lower Upper
74 100
45 84.4 46.8 140.3

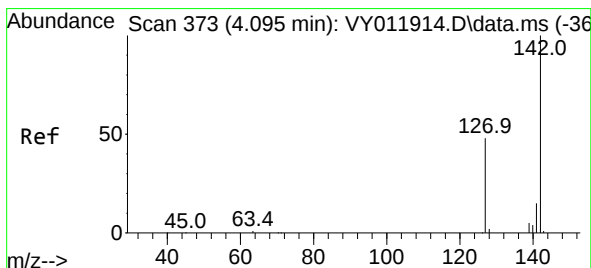
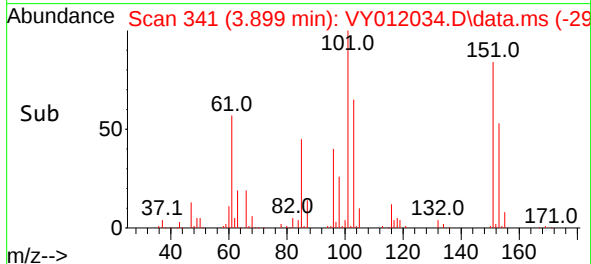
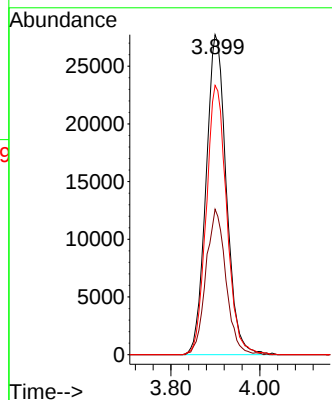
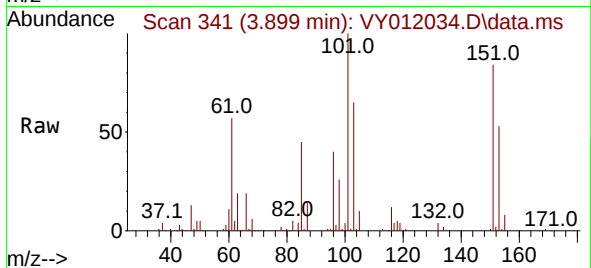




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.265 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012034.D
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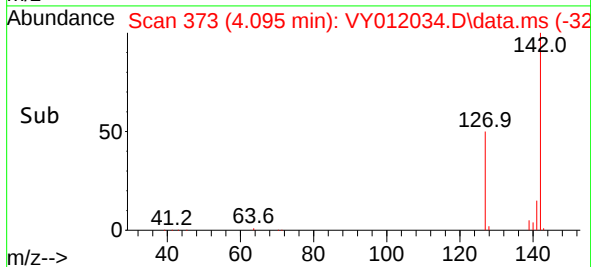
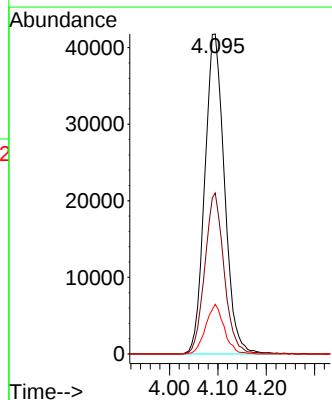
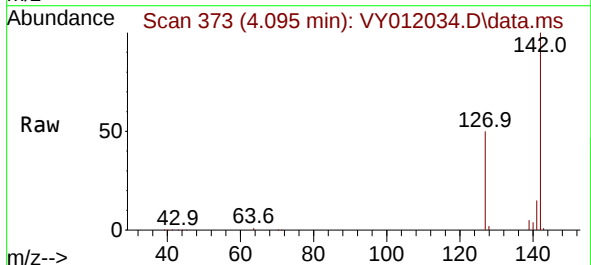
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

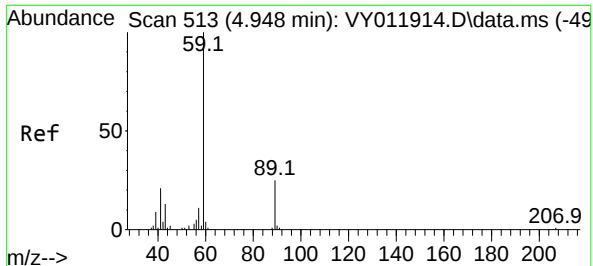
Tgt Ion:101 Resp: 88261
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.2
151 84.8 64.2 96.2



#10
Methyl Iodide
Concen: 47.653 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion:142 Resp: 118120
Ion Ratio Lower Upper
142 100
127 49.5 37.0 55.4
141 14.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 285.369 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

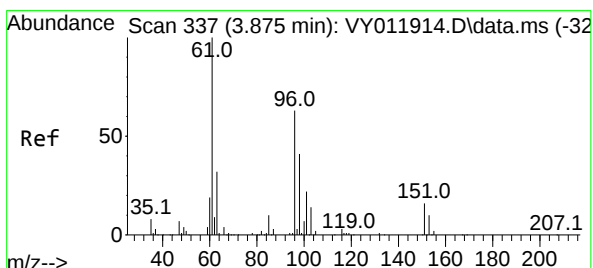
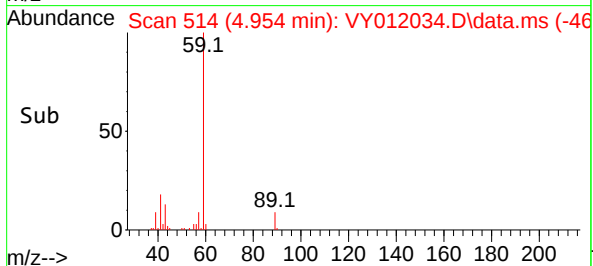
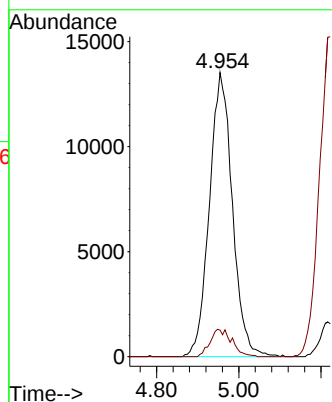
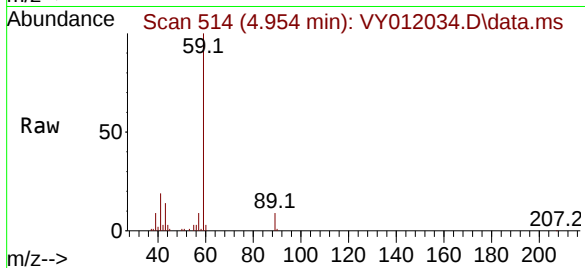
VSTDCCC050EC

Tgt Ion: 59 Resp: 52427

Ion Ratio Lower Upper

59 100

57 9.1 7.4 11.2



#12

1,1-Dichloroethene

Concen: 47.275 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

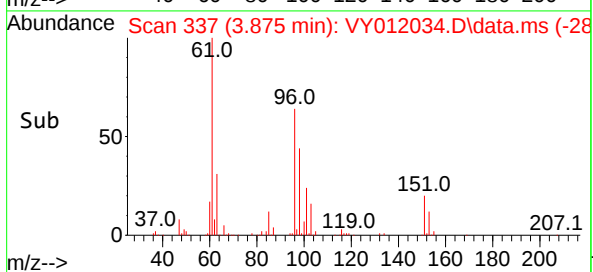
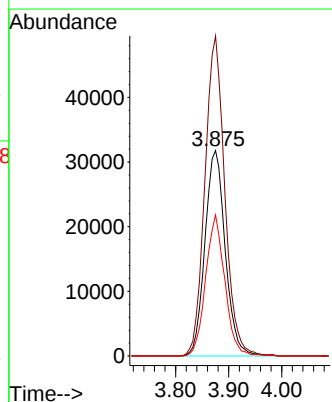
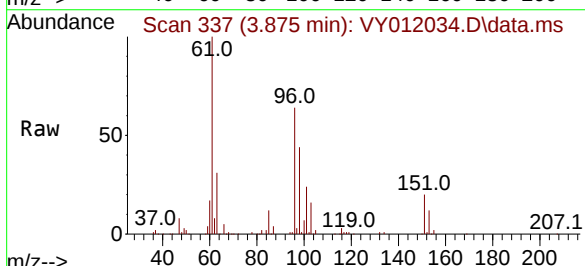
Tgt Ion: 96 Resp: 84721

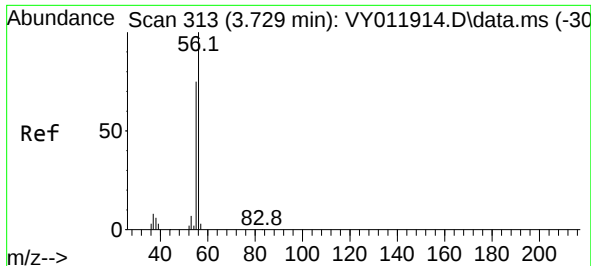
Ion Ratio Lower Upper

96 100

61 155.7 122.0 183.0

98 68.6 48.6 73.0





#13

Acrolein

Concen: 211.270 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

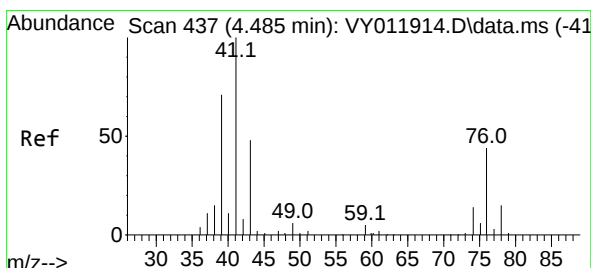
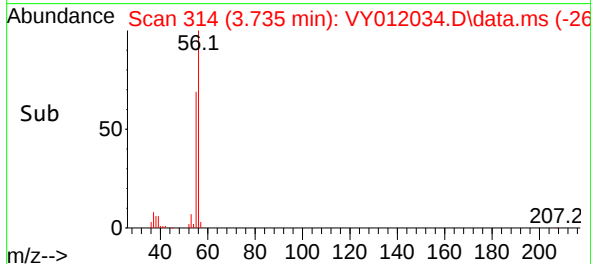
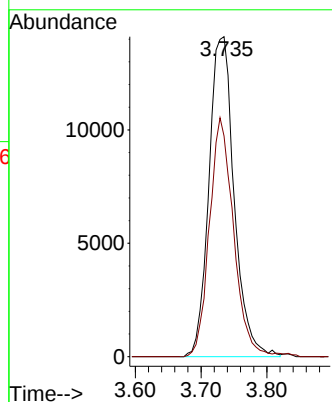
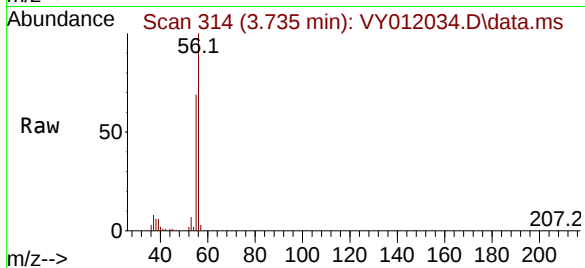
VSTDCCC050EC

Tgt Ion: 56 Resp: 37688

Ion Ratio Lower Upper

56 100

55 70.9 56.6 85.0



#14

Allyl chloride

Concen: 46.165 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

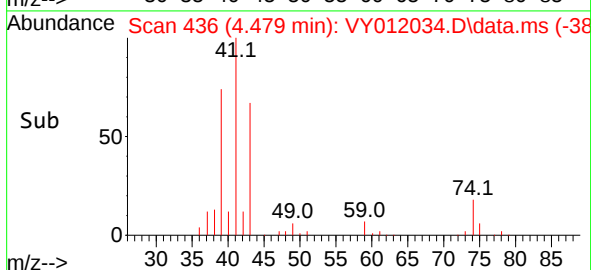
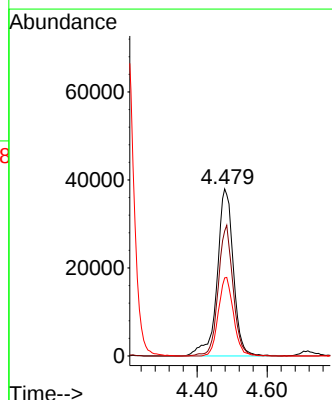
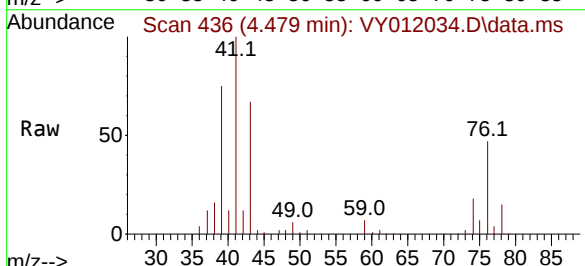
Tgt Ion: 41 Resp: 121831

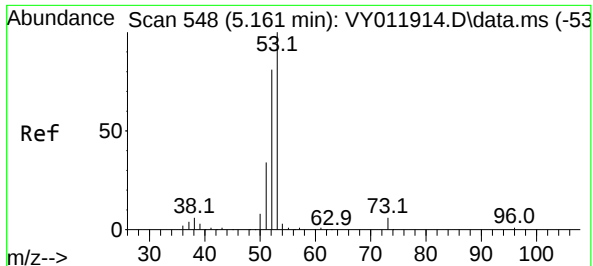
Ion Ratio Lower Upper

41 100

39 71.7 53.5 80.3

76 43.9 31.1 46.7

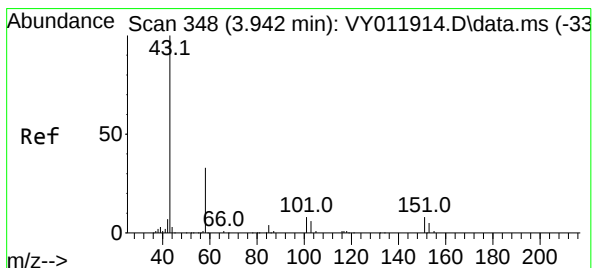
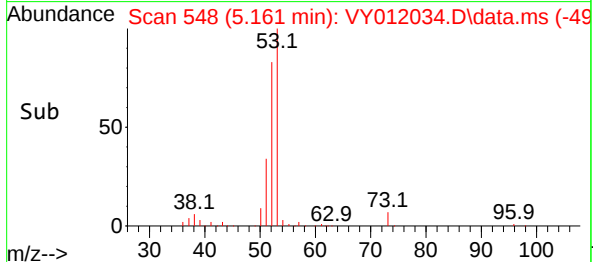
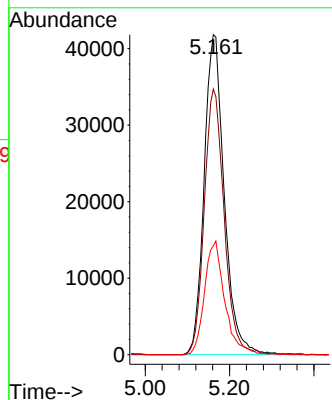
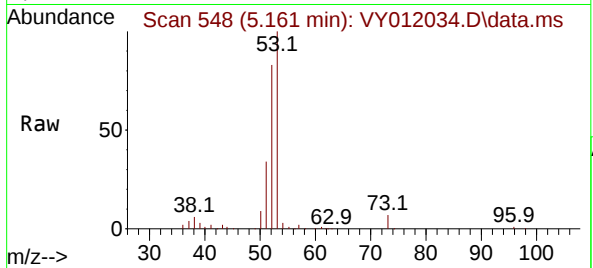




#15
Acrylonitrile
Concen: 296.934 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

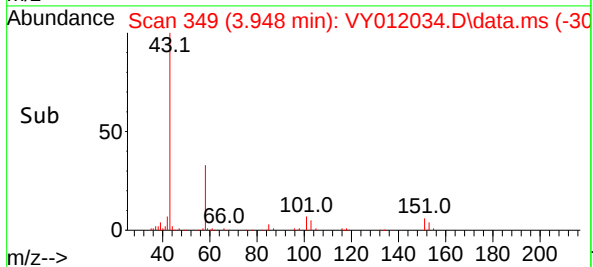
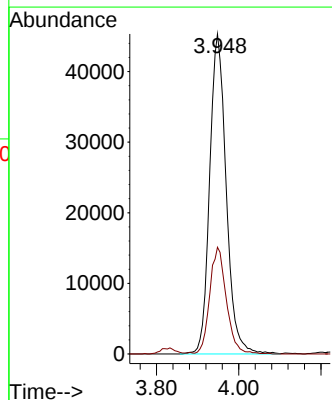
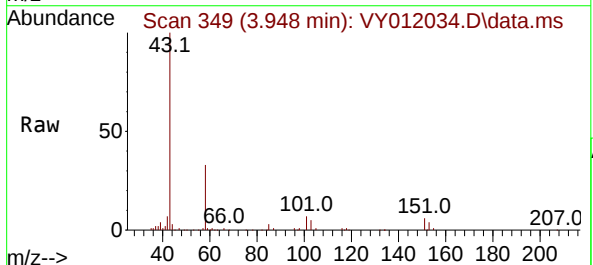
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

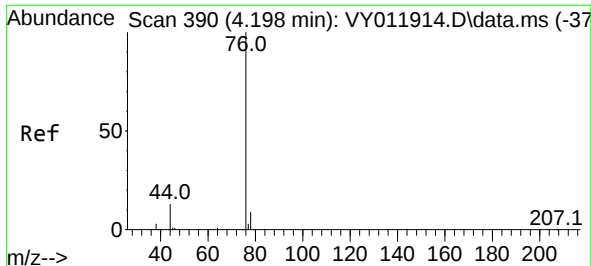
Tgt Ion: 53 Resp: 138702
Ion Ratio Lower Upper
53 100
52 82.0 65.1 97.7
51 35.8 28.7 43.1



#16
Acetone
Concen: 222.575 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 43 Resp: 126499
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9

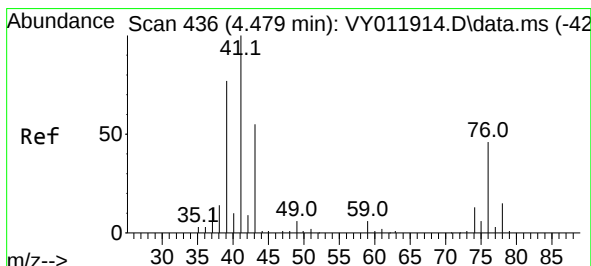
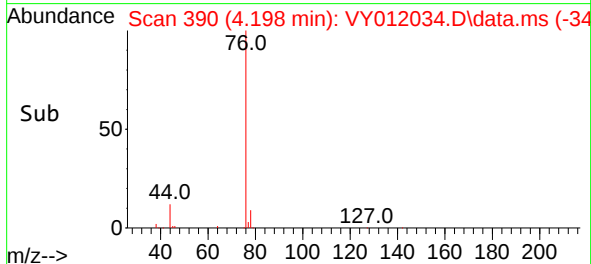
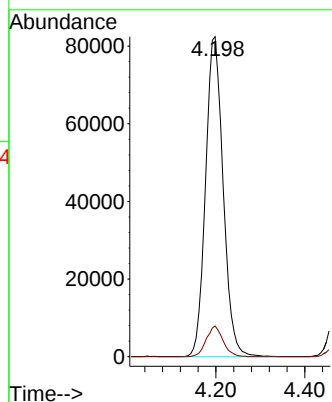
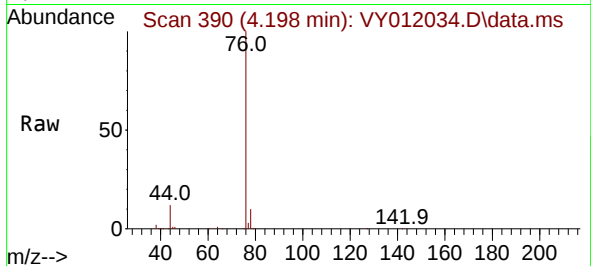




#17
Carbon Disulfide
Concen: 39.779 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

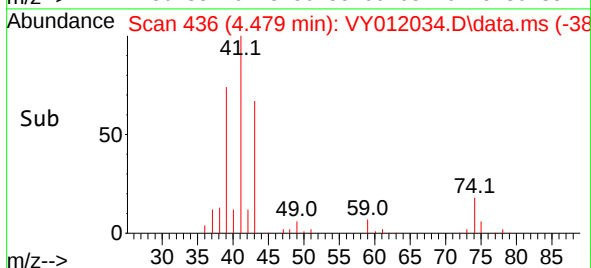
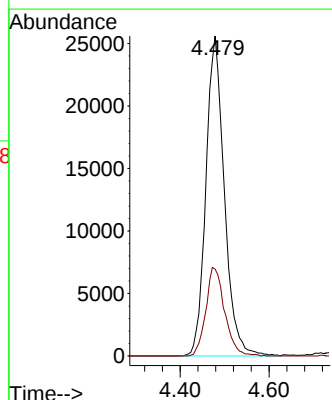
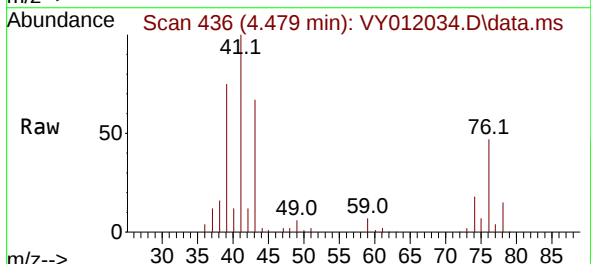
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

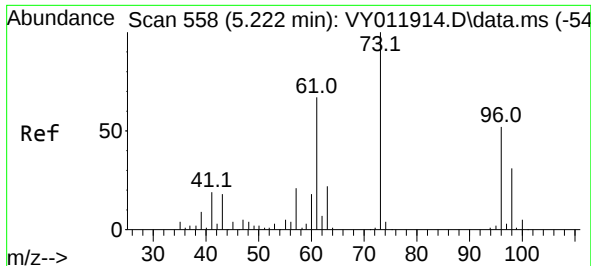
Tgt Ion: 76 Resp: 227395
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 56.045 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 43 Resp: 73903
Ion Ratio Lower Upper
43 100
74 28.2 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 59.779 ug/l

RT: 5.222 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

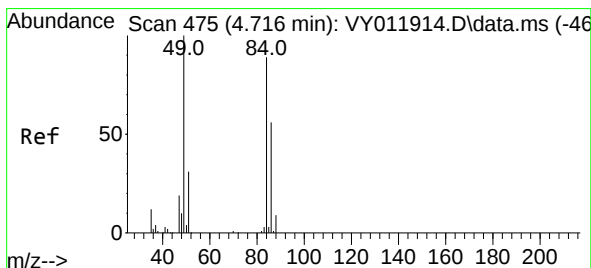
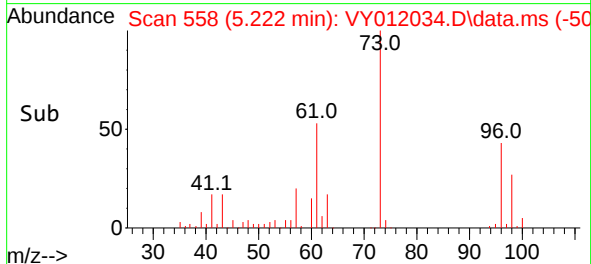
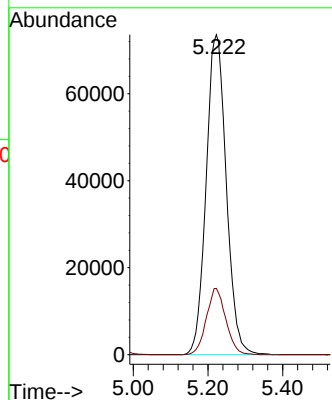
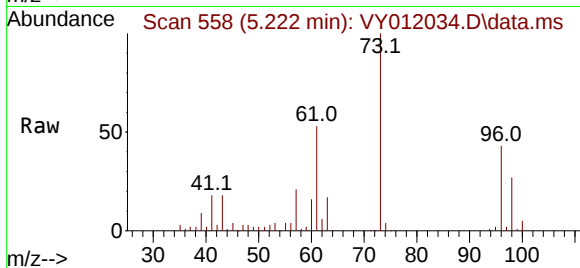
VSTDCCC050EC

Tgt Ion: 73 Resp: 274870

Ion Ratio Lower Upper

73 100

57 20.7 17.4 26.0



#20

Methylene Chloride

Concen: 47.923 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Tgt Ion: 84 Resp: 105775

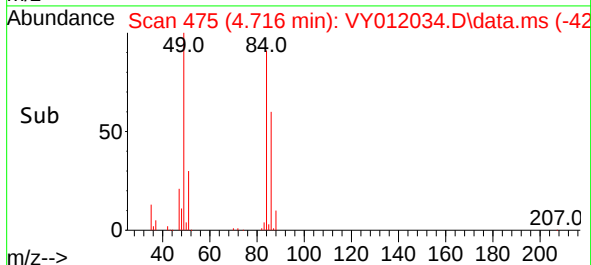
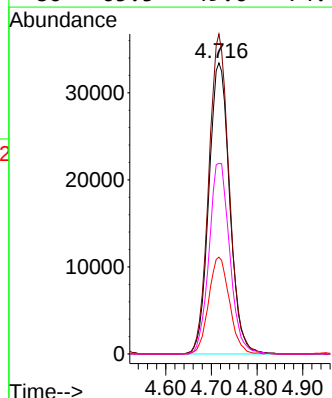
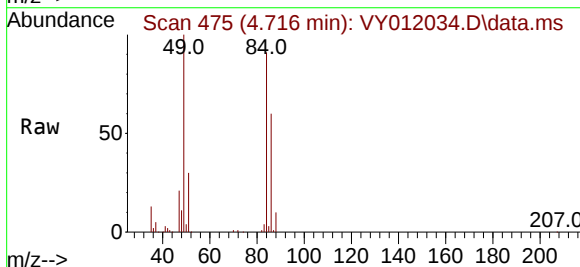
Ion Ratio Lower Upper

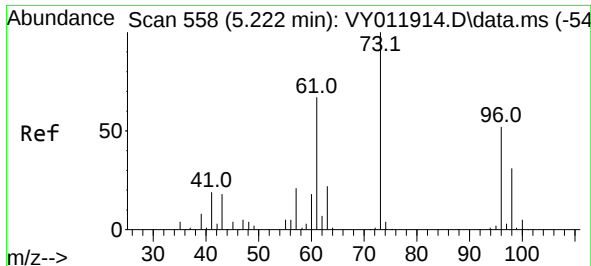
84 100

49 109.9 95.4 143.2

51 33.3 29.9 44.9

86 65.5 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 48.055 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

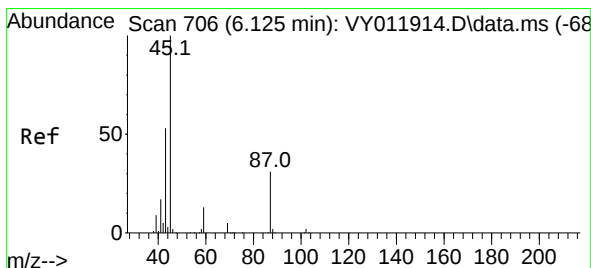
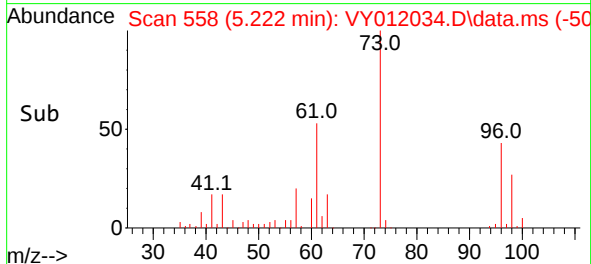
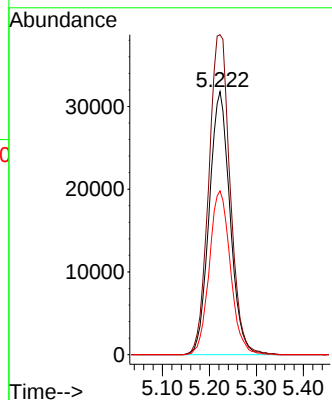
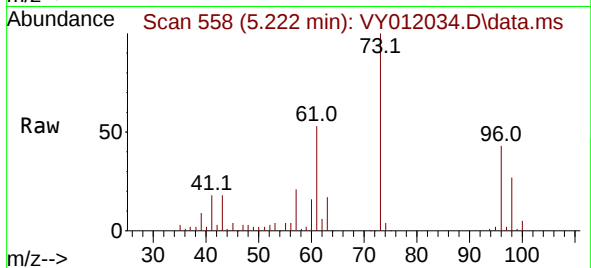
Tgt Ion: 96 Resp: 97852

Ion Ratio Lower Upper

96 100

61 121.7 108.0 162.0

98 62.3 51.6 77.4



#22

Diisopropyl ether

Concen: 51.470 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Tgt Ion: 45 Resp: 267523

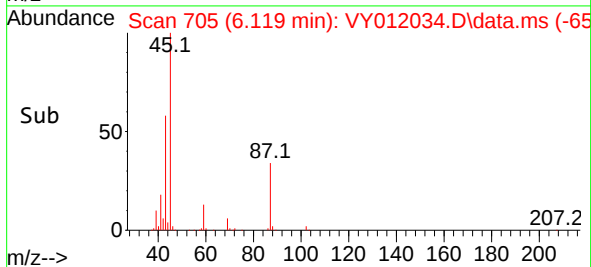
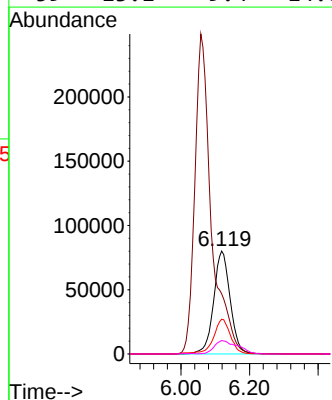
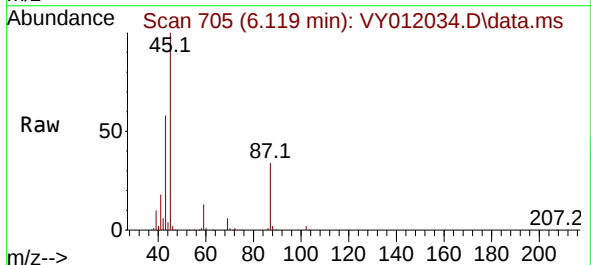
Ion Ratio Lower Upper

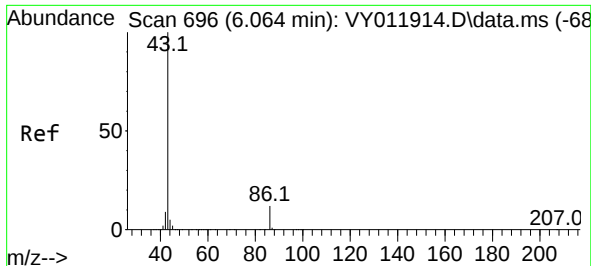
45 100

43 58.2 45.0 67.4

87 33.7 22.6 33.8

59 13.1 9.4 14.0

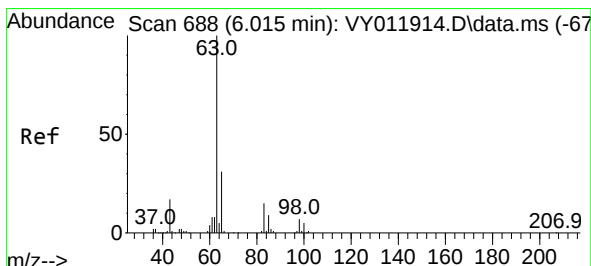
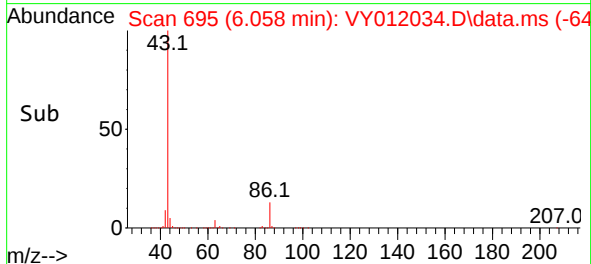
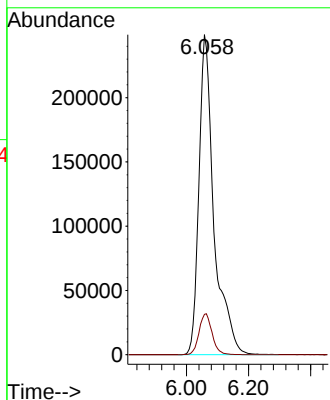
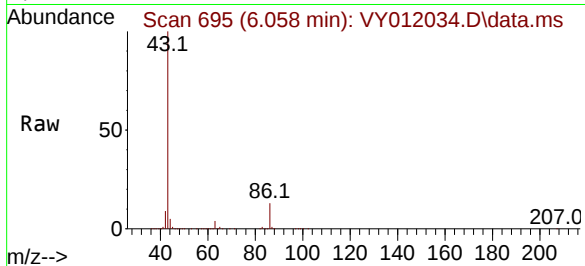




#23
 Vinyl Acetate
 Concen: 279.703 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012034.D
 Acq: 29 Dec 2022 17:35

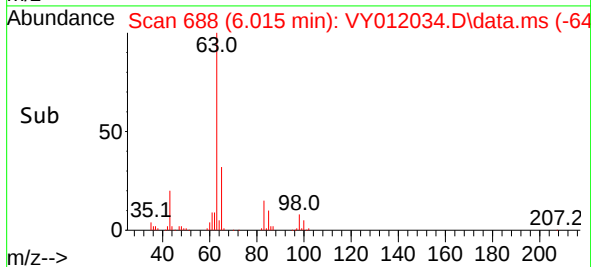
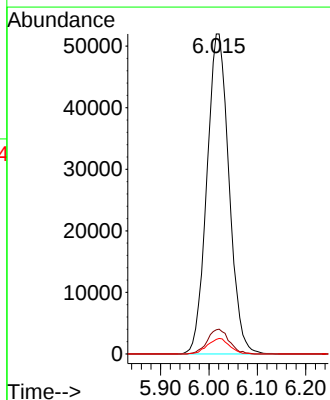
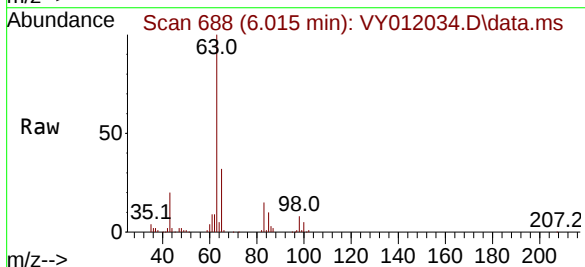
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

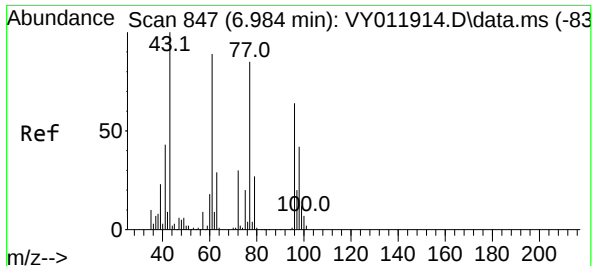
Tgt Ion: 43 Resp: 836424
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 48.849 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012034.D
 Acq: 29 Dec 2022 17:35

Tgt Ion: 63 Resp: 165039
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 268.227 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

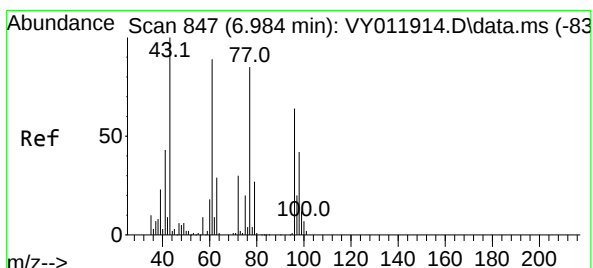
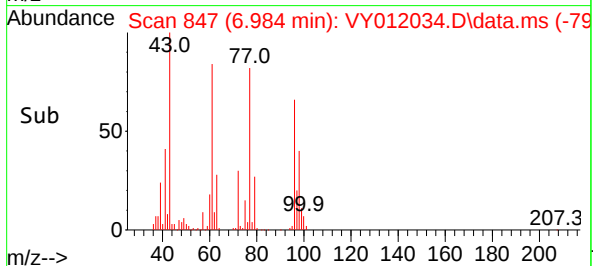
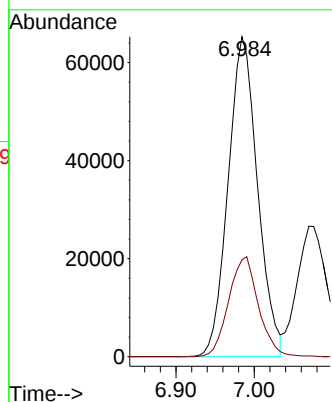
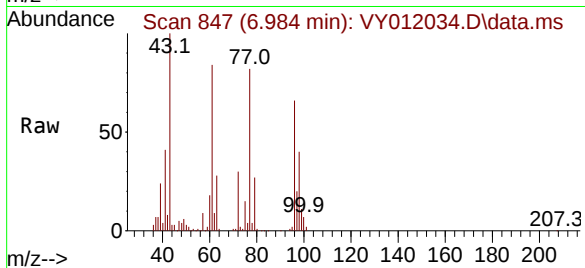
VSTDCCC050EC

Tgt Ion: 43 Resp: 170505

Ion Ratio Lower Upper

43 100

72 30.2 22.6 34.0



#26

2,2-Dichloropropane

Concen: 49.891 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012034.D

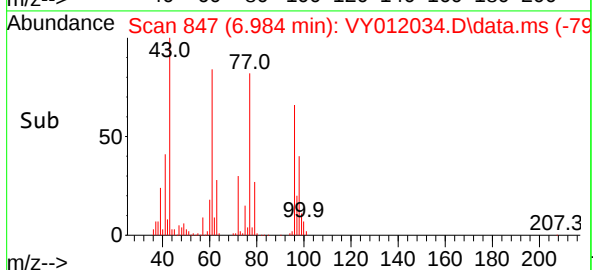
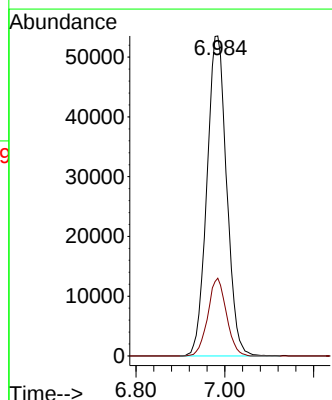
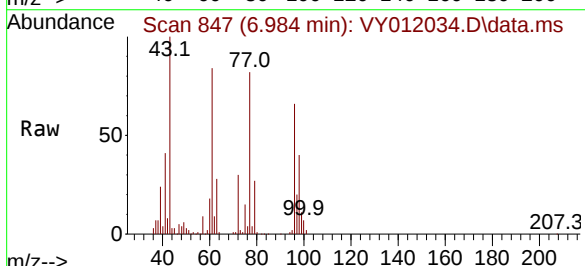
Acq: 29 Dec 2022 17:35

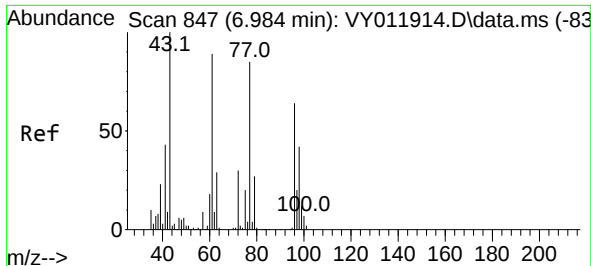
Tgt Ion: 77 Resp: 164941

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.212 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

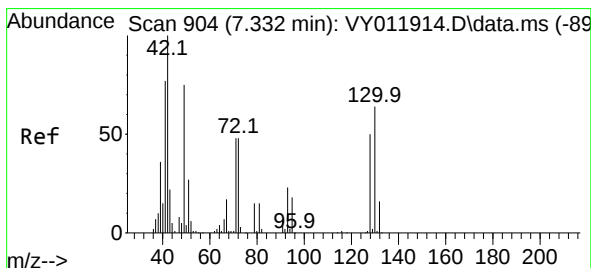
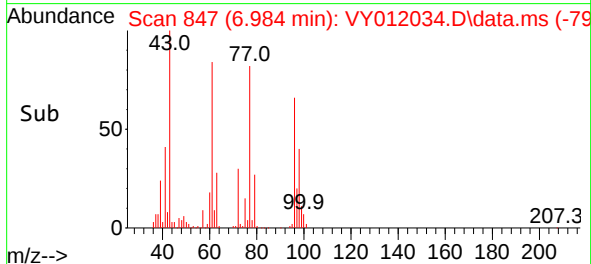
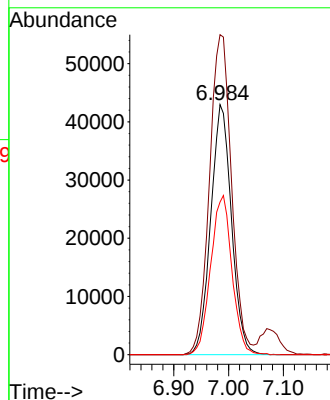
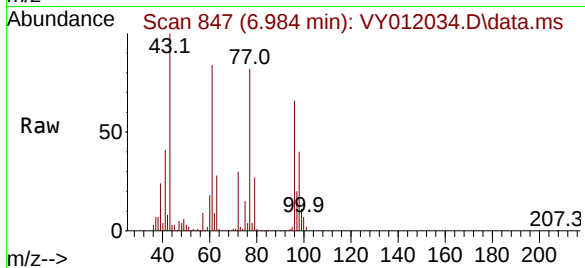
Tgt Ion: 96 Resp: 112787

Ion Ratio Lower Upper

96 100

61 136.2 0.0 283.4

98 65.4 0.0 127.6



#28

Bromochloromethane

Concen: 46.558 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

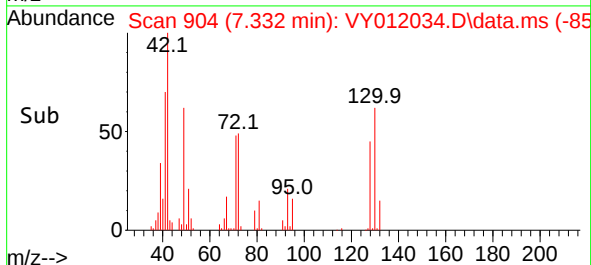
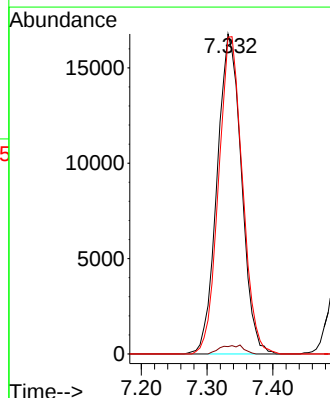
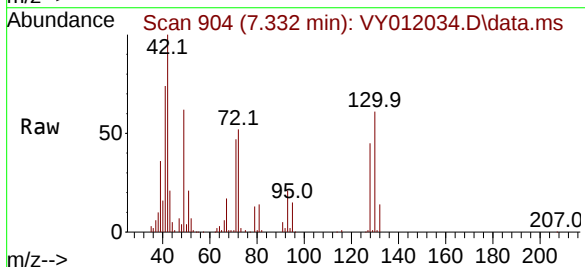
Tgt Ion: 49 Resp: 43165

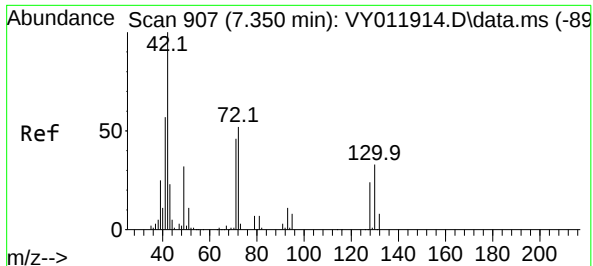
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 97.2 66.7 100.1





#29

Tetrahydrofuran

Concen: 294.687 ug/l

RT: 7.344 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

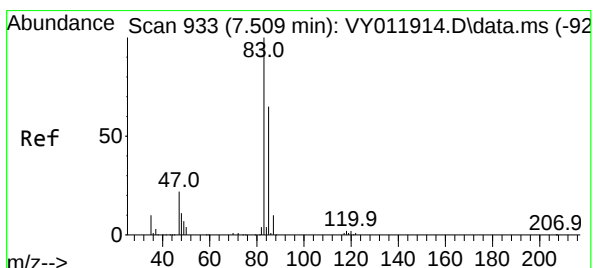
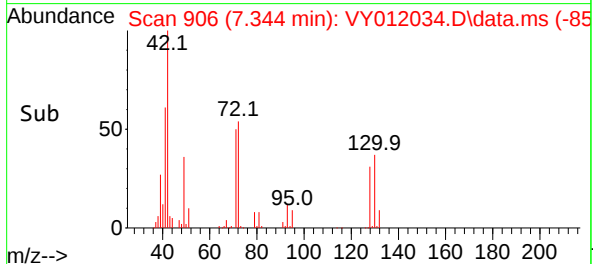
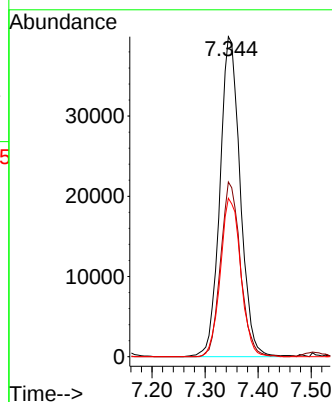
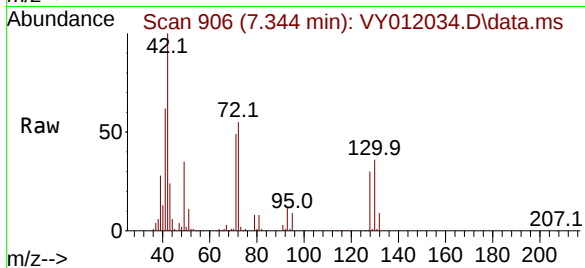
Tgt Ion: 42 Resp: 106134

Ion Ratio Lower Upper

42 100

72 53.3 37.0 55.6

71 49.5 34.9 52.3



#30

Chloroform

Concen: 52.637 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY012034.D

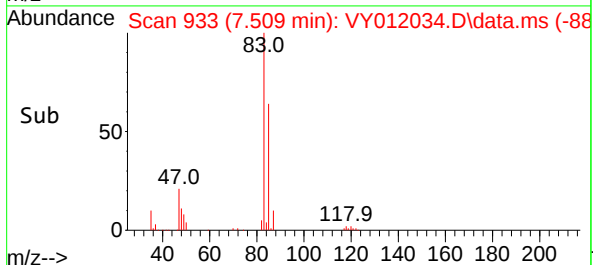
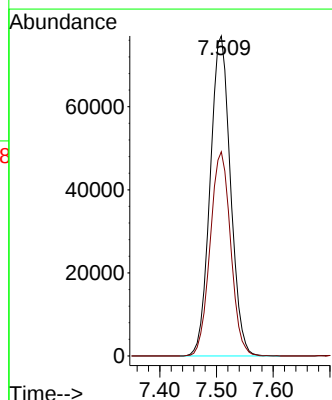
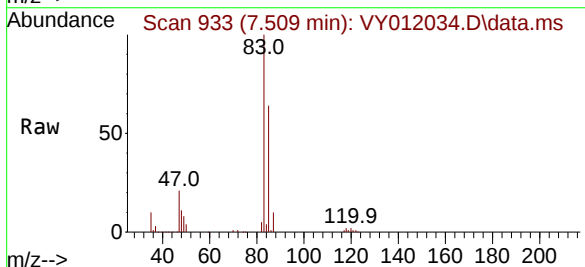
Acq: 29 Dec 2022 17:35

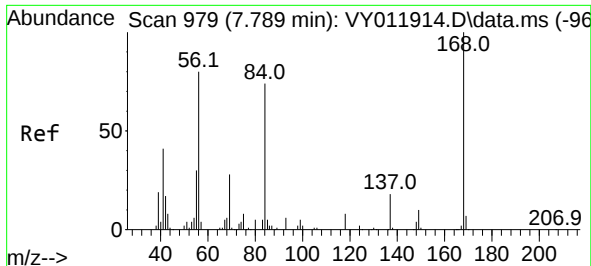
Tgt Ion: 83 Resp: 191682

Ion Ratio Lower Upper

83 100

85 63.8 51.5 77.3

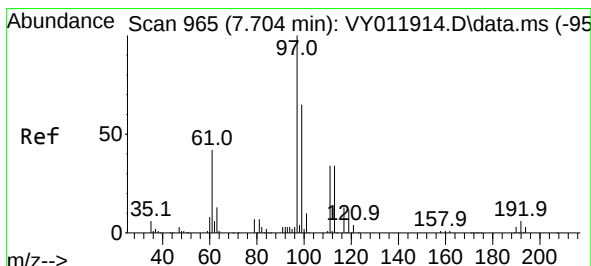
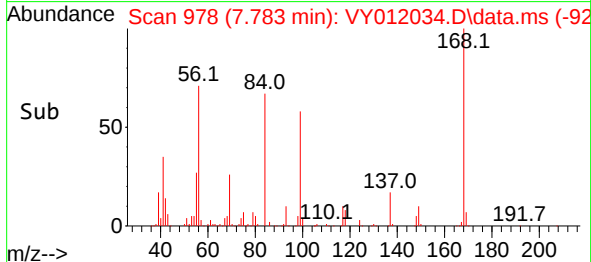
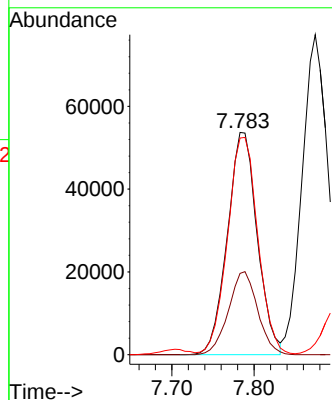
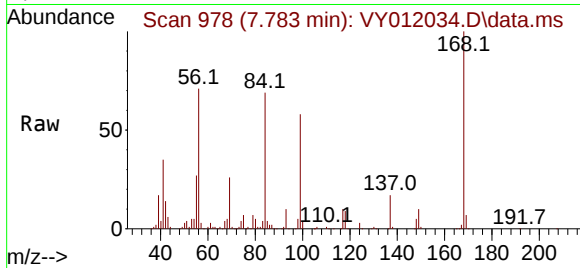




#31
Cyclohexane
Concen: 42.311 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

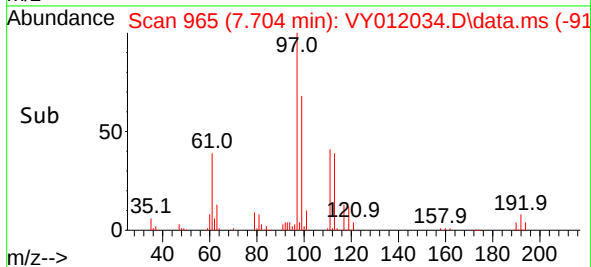
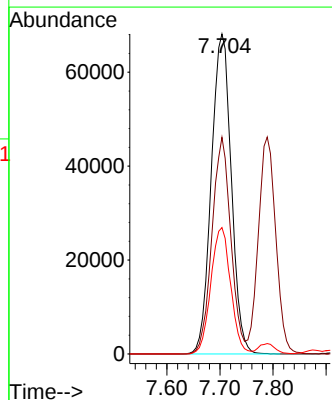
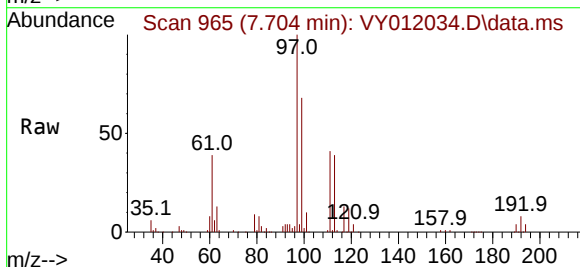
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

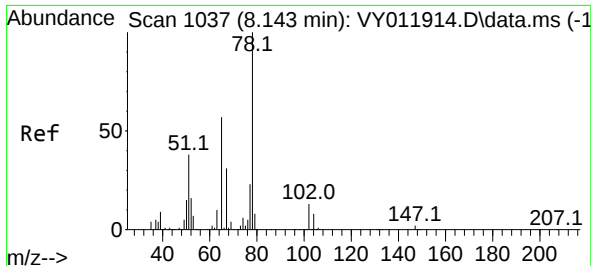
Tgt Ion: 56 Resp: 135927
Ion Ratio Lower Upper
56 100
69 36.6 29.2 43.8
84 95.2 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 51.374 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 97 Resp: 177941
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 39.2 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 55.128 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

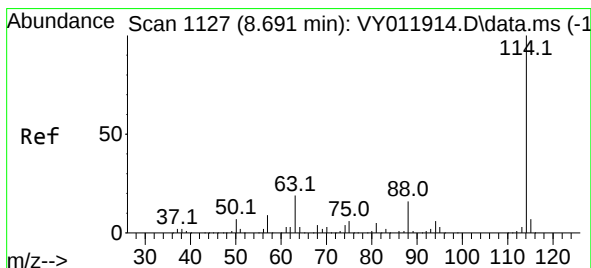
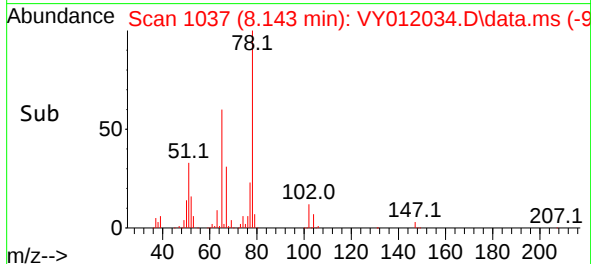
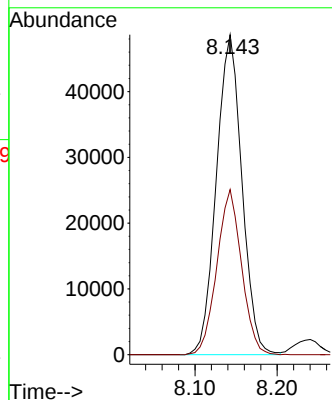
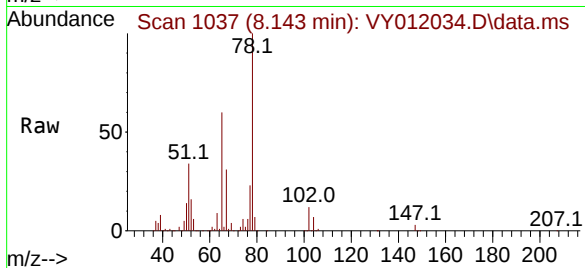
VSTDCCC050EC

Tgt Ion: 65 Resp: 105202

Ion Ratio Lower Upper

65 100

67 49.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

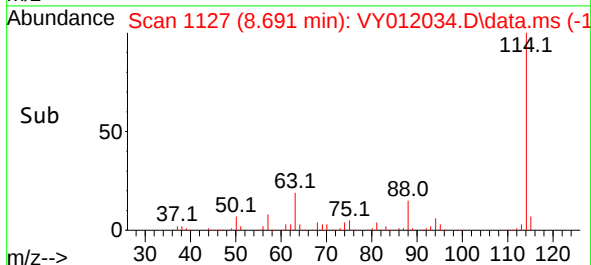
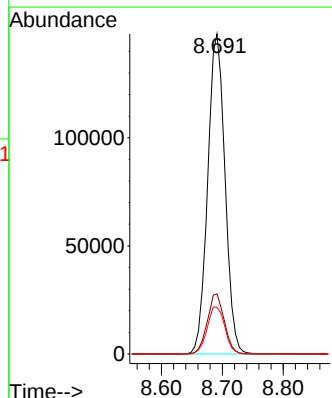
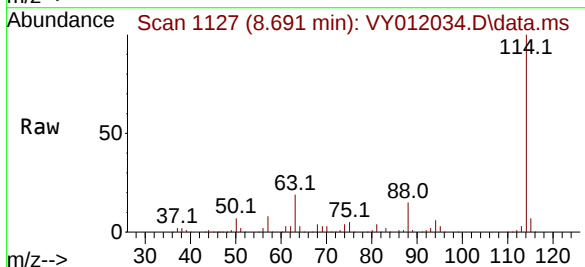
Tgt Ion: 114 Resp: 291467

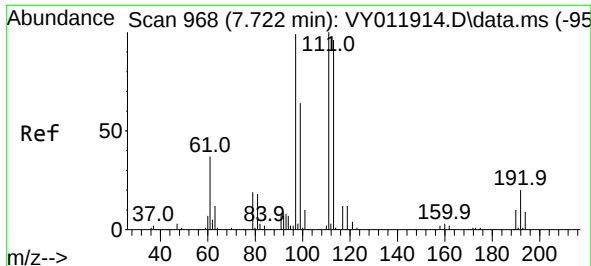
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 14.5 0.0 32.2

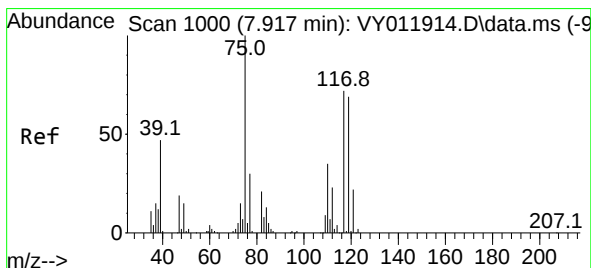
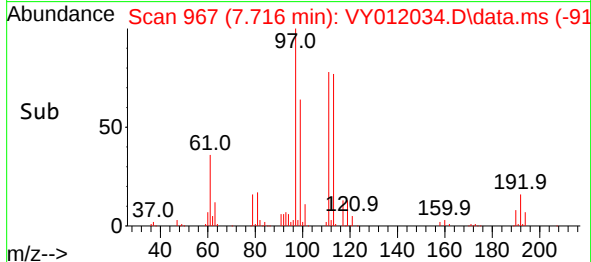
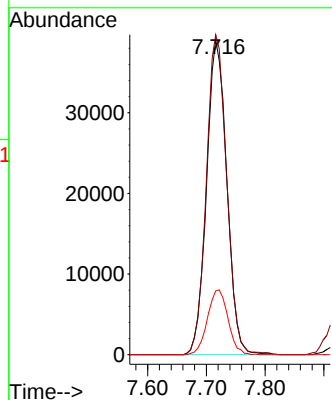
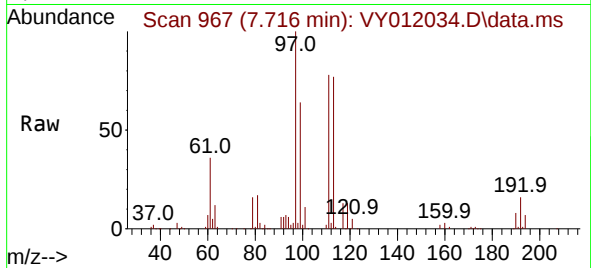




#35
Dibromofluoromethane
Concen: 53.262 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

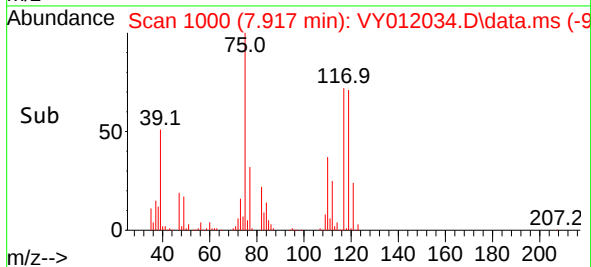
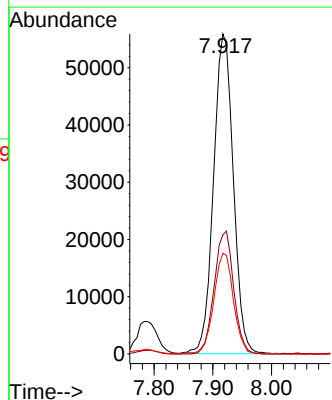
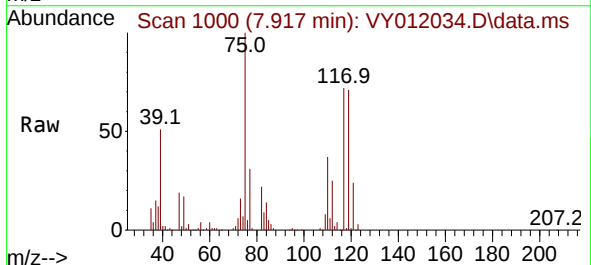
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

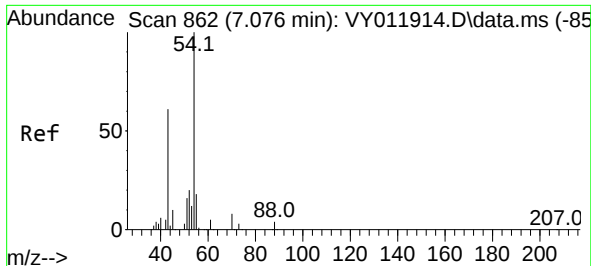
Tgt Ion:113 Resp: 93460
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 46.348 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 75 Resp: 130452
Ion Ratio Lower Upper
75 100
110 37.8 18.1 54.1
77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 57.676 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

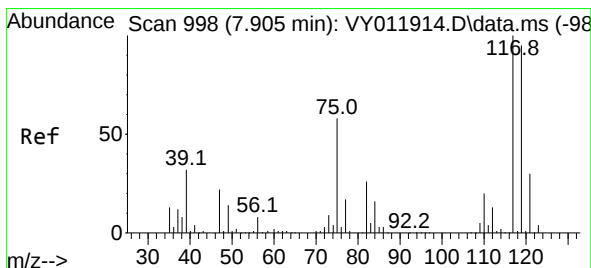
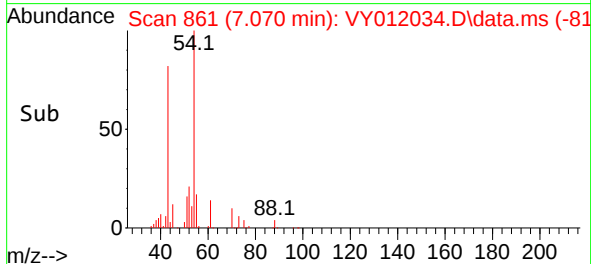
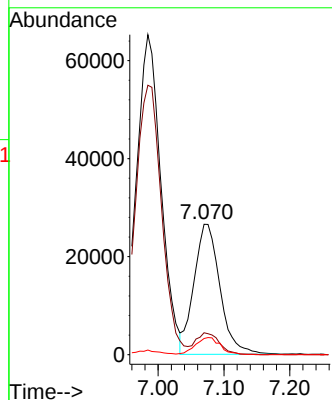
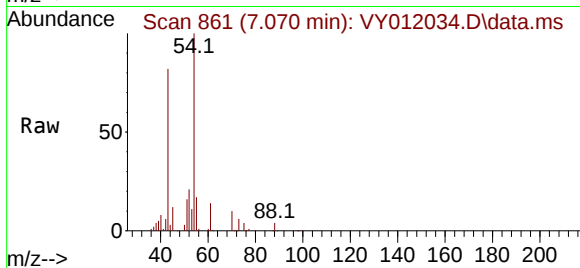
Tgt Ion: 43 Resp: 72833

Ion Ratio Lower Upper

43 100

61 15.4 11.3 16.9

70 12.7 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 50.730 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

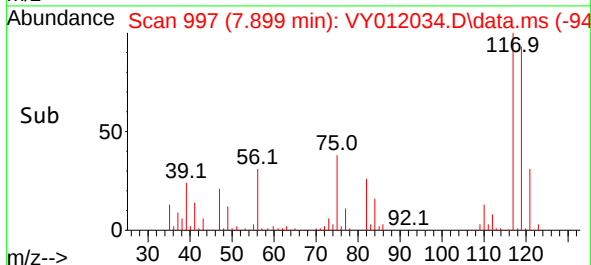
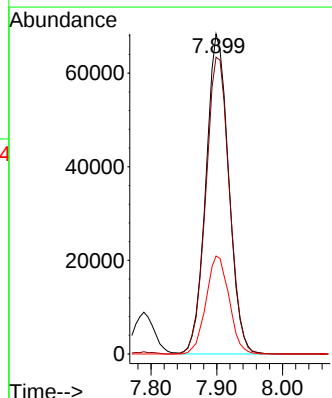
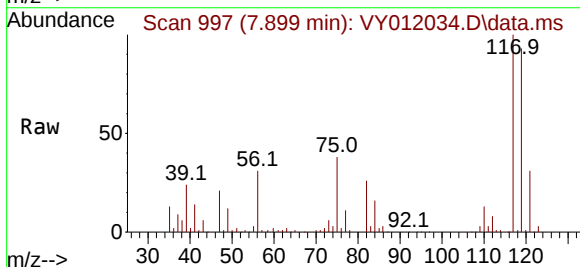
Tgt Ion: 117 Resp: 164907

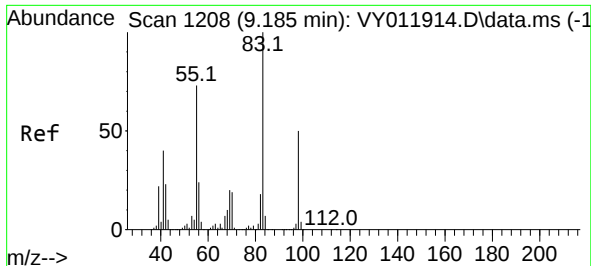
Ion Ratio Lower Upper

117 100

119 92.7 73.8 110.8

121 30.6 25.2 37.8





#39

Methylcyclohexane

Concen: 46.328 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

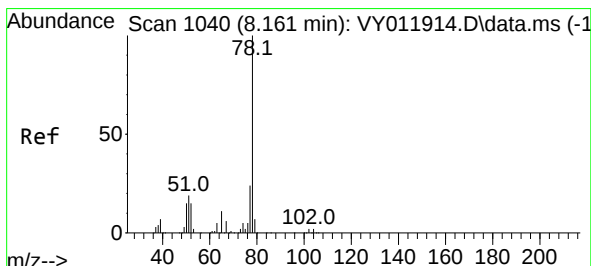
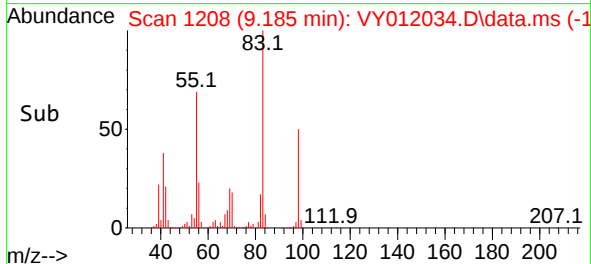
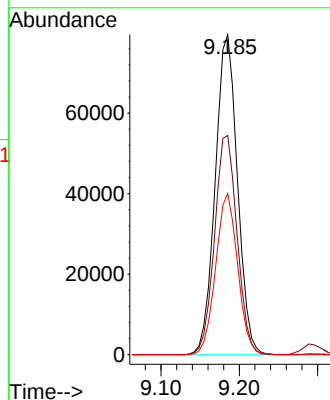
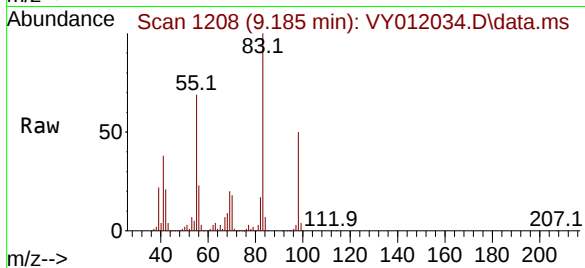
Tgt Ion: 83 Resp: 156903

Ion Ratio Lower Upper

83 100

55 68.5 58.2 87.2

98 50.4 38.6 58.0



#40

Benzene

Concen: 48.494 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012034.D

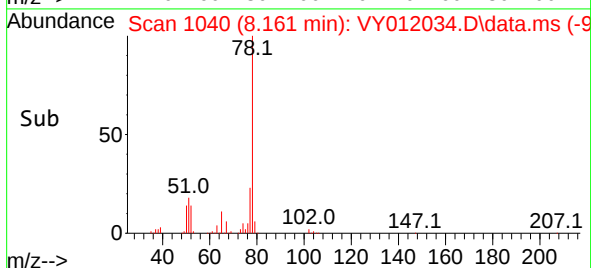
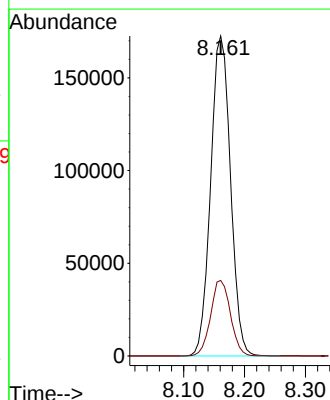
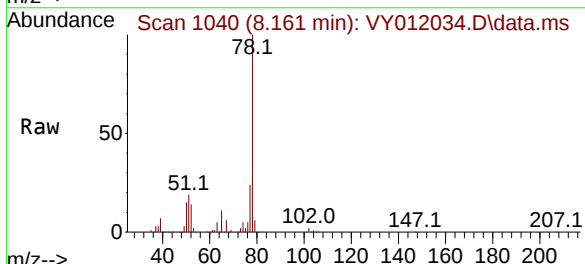
Acq: 29 Dec 2022 17:35

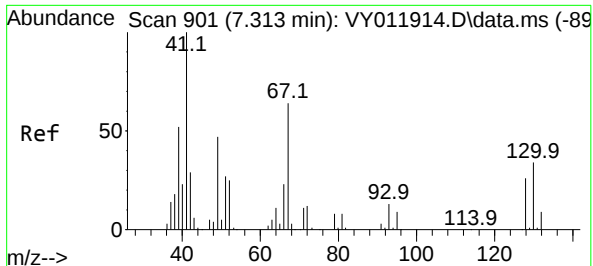
Tgt Ion: 78 Resp: 390613

Ion Ratio Lower Upper

78 100

77 23.6 18.6 27.8



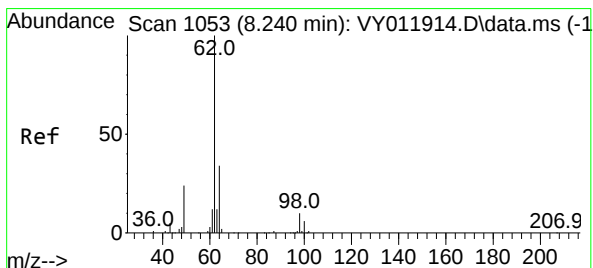
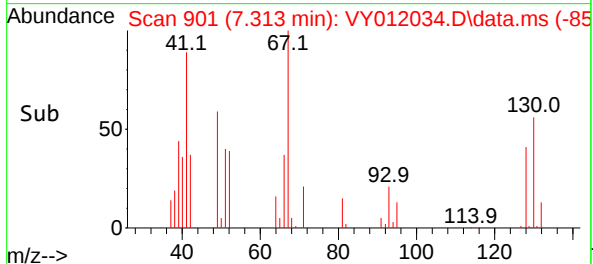
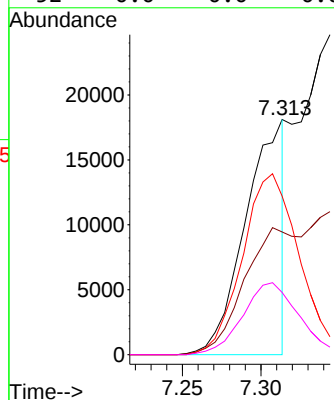
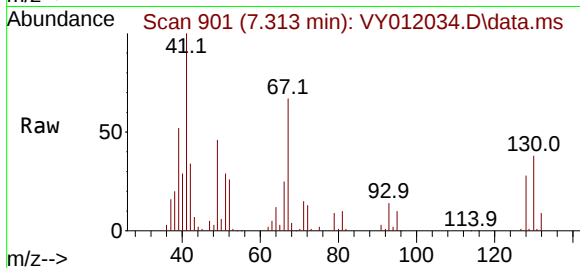


#41
Methacrylonitrile
Concen: 51.659 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 31545

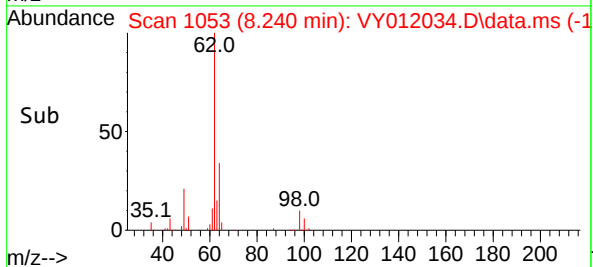
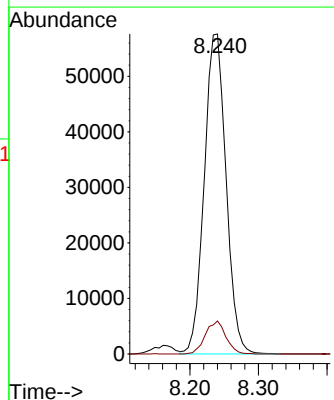
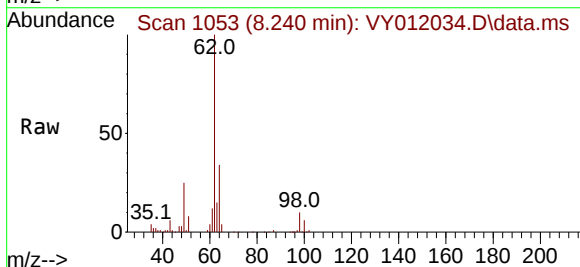
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

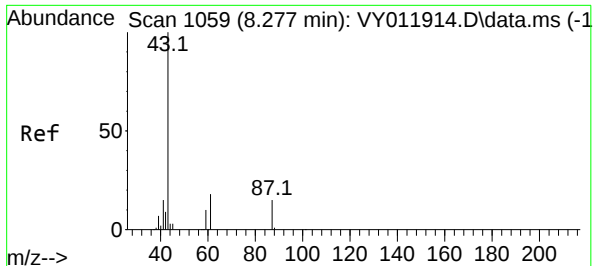


#42
1,2-Dichloroethane
Concen: 55.132 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 62 Resp: 127841

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6





#43

Isopropyl Acetate

Concen: 58.258 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

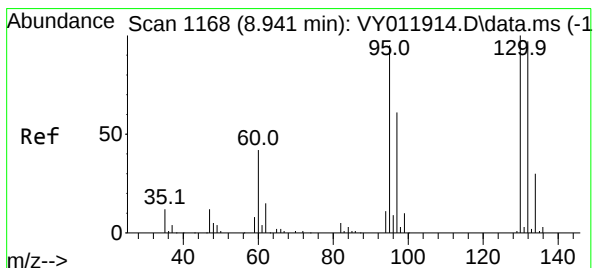
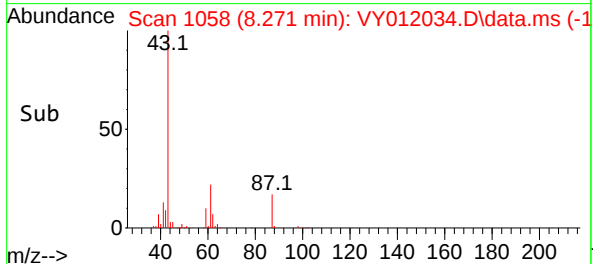
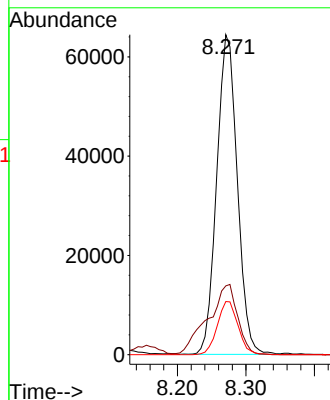
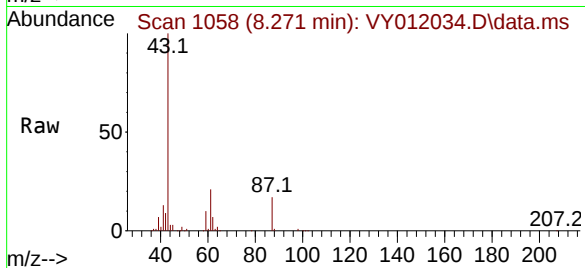
Tgt Ion: 43 Resp: 134359

Ion Ratio Lower Upper

43 100

61 31.7 24.4 36.6

87 16.8 11.4 17.2



#44

Trichloroethene

Concen: 50.427 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012034.D

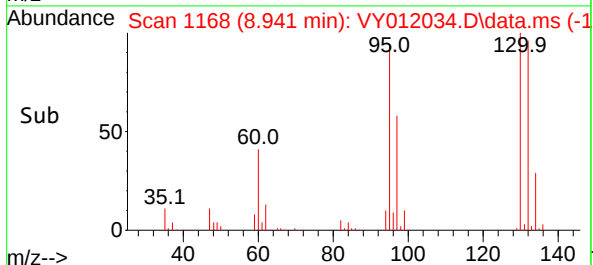
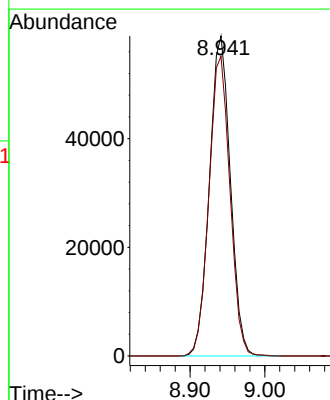
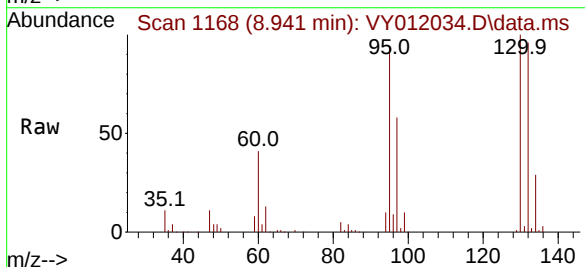
Acq: 29 Dec 2022 17:35

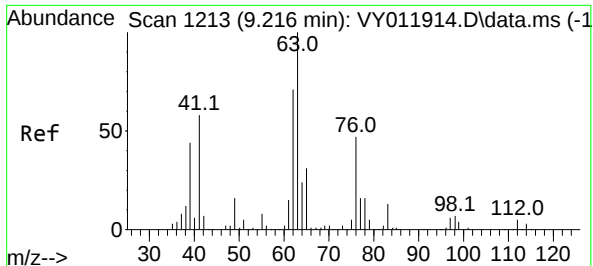
Tgt Ion:130 Resp: 114488

Ion Ratio Lower Upper

130 100

95 93.6 0.0 190.6





#45

1,2-Dichloropropane

Concen: 49.188 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

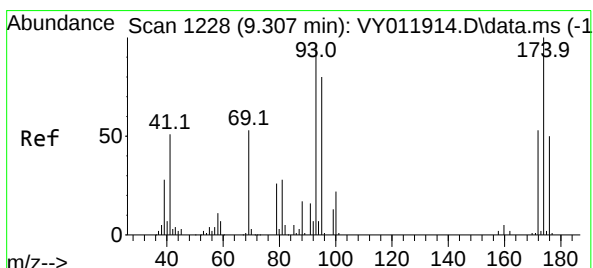
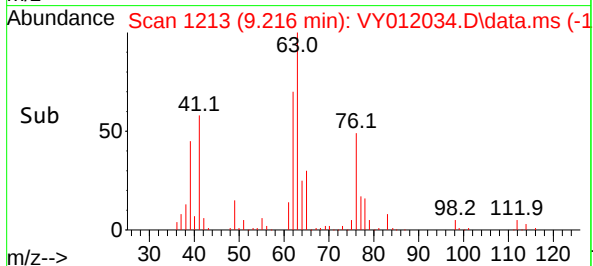
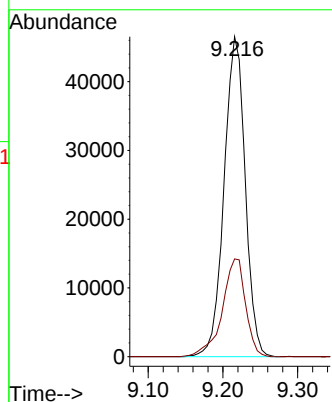
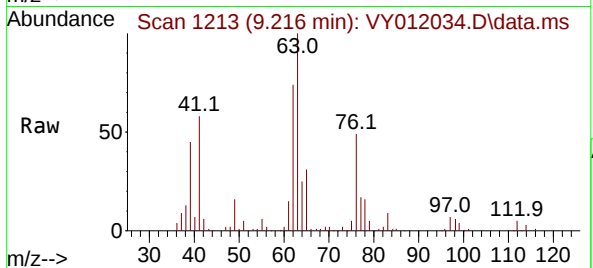
VSTDCCC050EC

Tgt Ion: 63 Resp: 91543

Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3



#46

Dibromomethane

Concen: 55.312 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

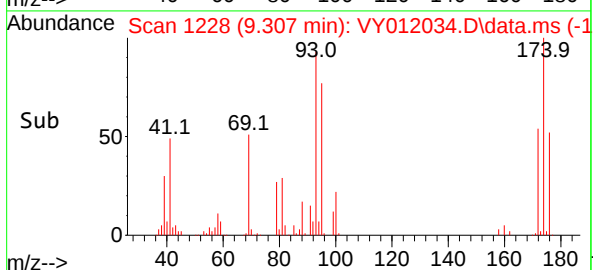
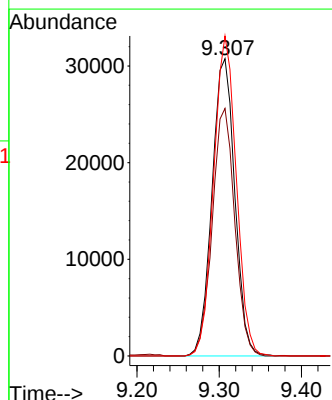
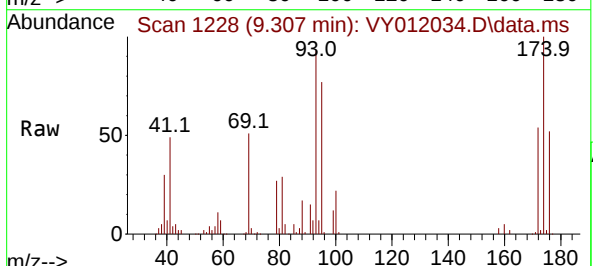
Tgt Ion: 93 Resp: 59295

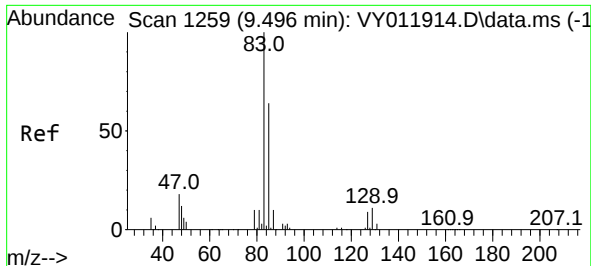
Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

174 107.1 84.7 127.1





#47

Bromodichloromethane

Concen: 54.395 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

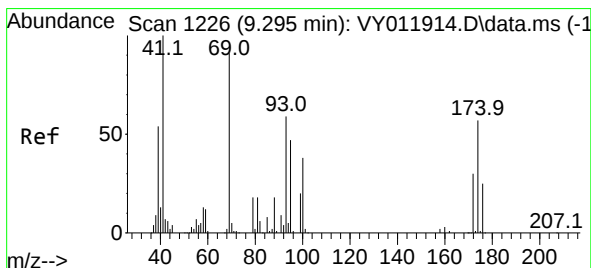
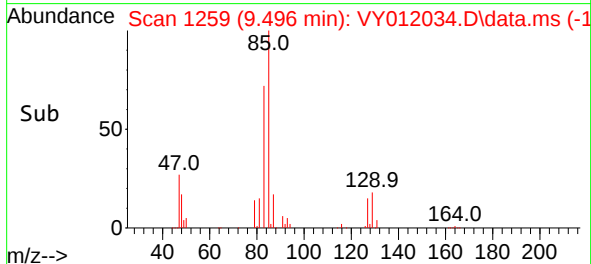
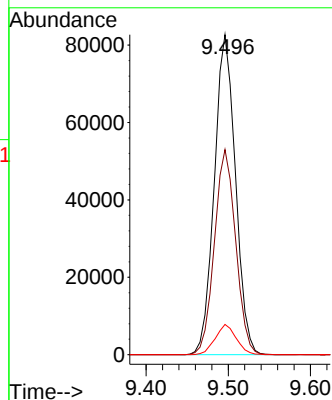
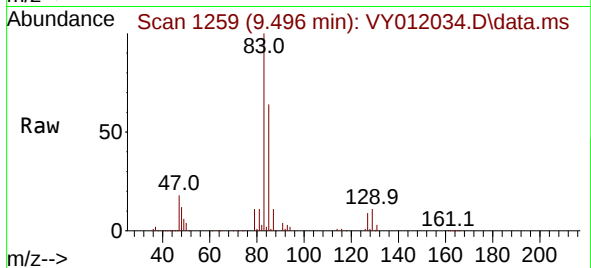
Tgt Ion: 83 Resp: 147936

Ion Ratio Lower Upper

83 100

85 64.1 52.0 78.0

127 9.4 7.3 10.9



#48

Methyl methacrylate

Concen: 57.399 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

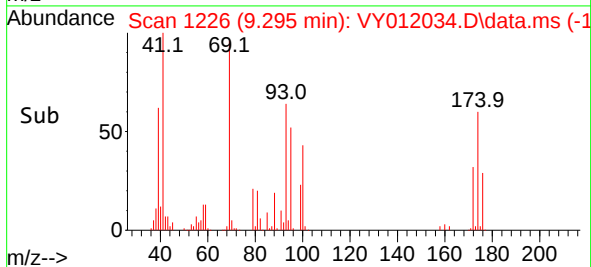
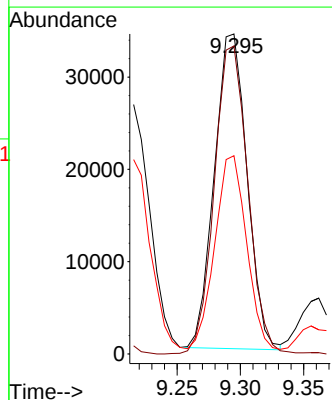
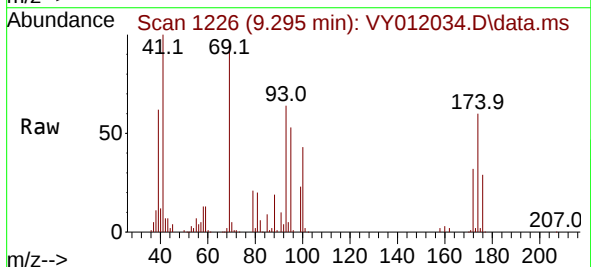
Tgt Ion: 41 Resp: 61293

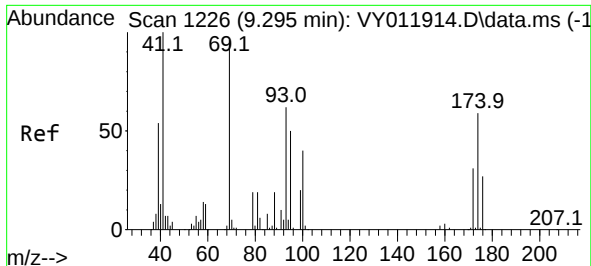
Ion Ratio Lower Upper

41 100

69 100.5 74.2 111.2

39 59.8 46.3 69.5





#49

1,4-Dioxane

Concen: 1336.418 ug/l

RT: 9.295 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

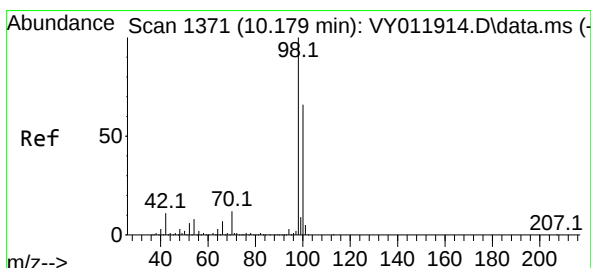
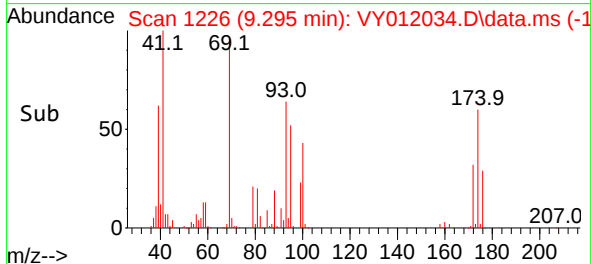
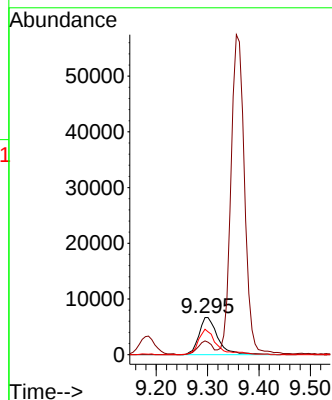
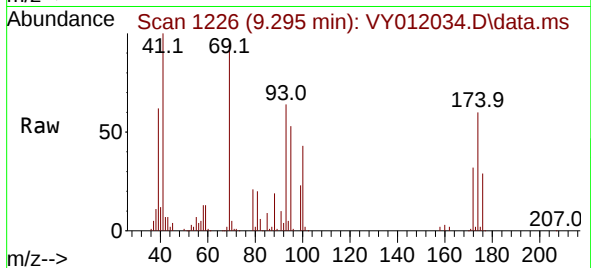
Tgt Ion: 88 Resp: 17105

Ion Ratio Lower Upper

88 100

43 26.9 26.2 39.2

58 65.7 54.3 81.5



#50

Toluene-d8

Concen: 49.701 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012034.D

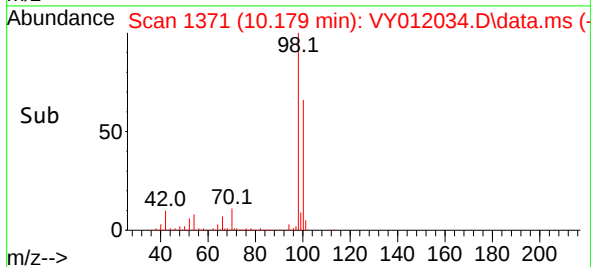
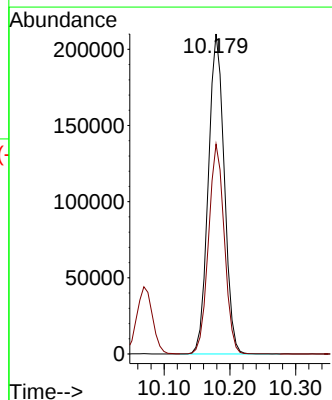
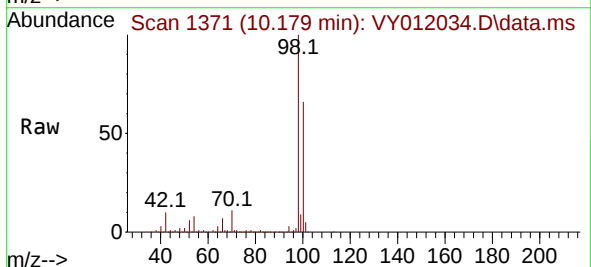
Acq: 29 Dec 2022 17:35

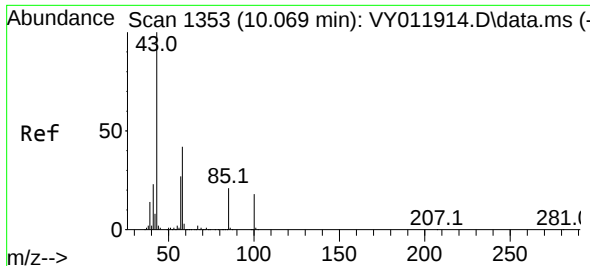
Tgt Ion: 98 Resp: 353838

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9

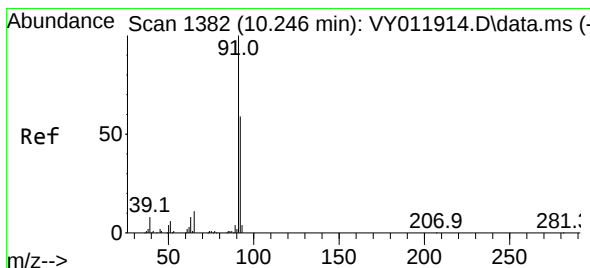
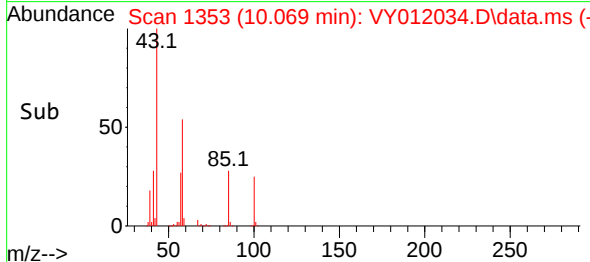
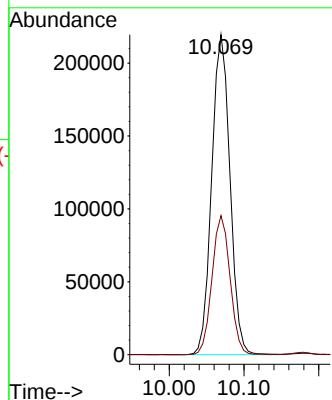
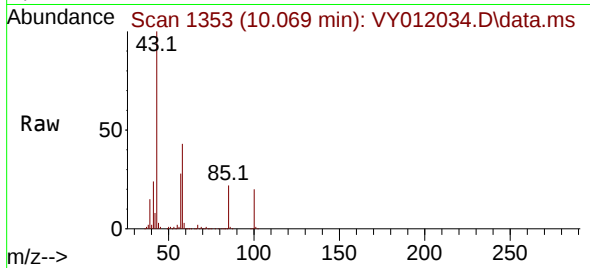




#51
4-Methyl-2-Pentanone
Concen: 303.359 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

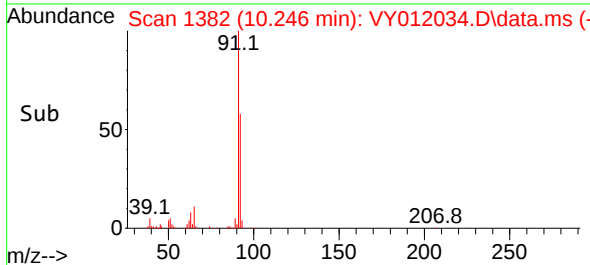
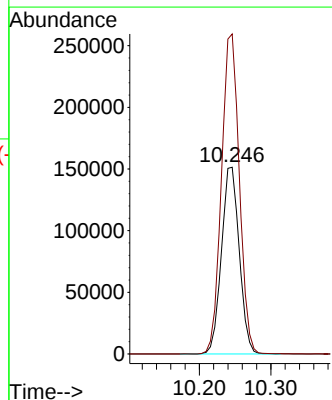
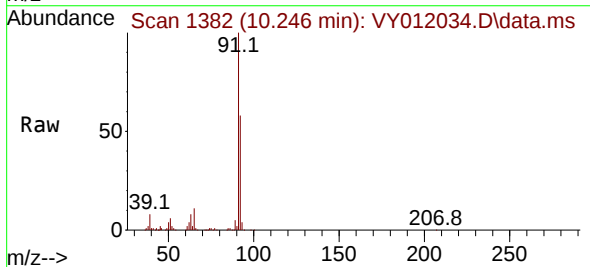
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

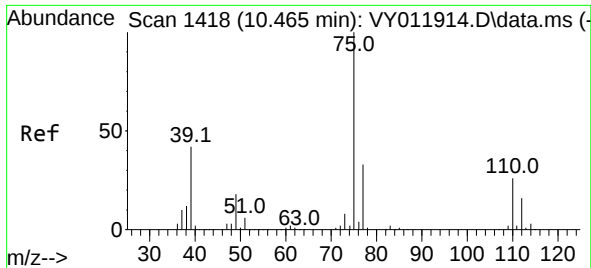
Tgt Ion: 43 Resp: 373059
Ion Ratio Lower Upper
43 100
58 43.0 32.9 49.3



#52
Toluene
Concen: 50.973 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 92 Resp: 261588
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0

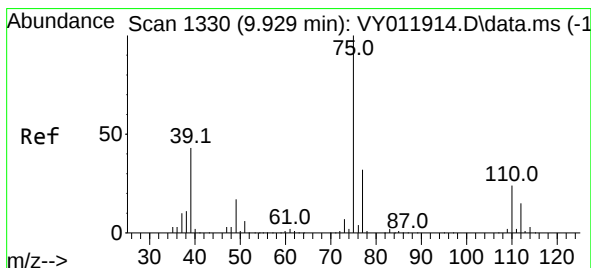
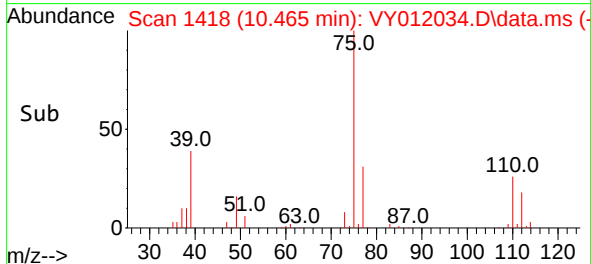
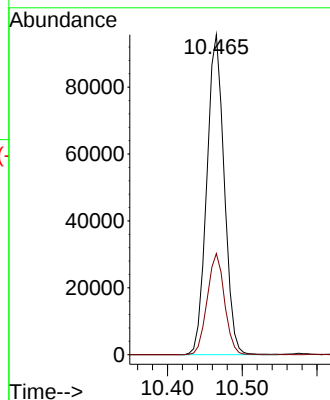
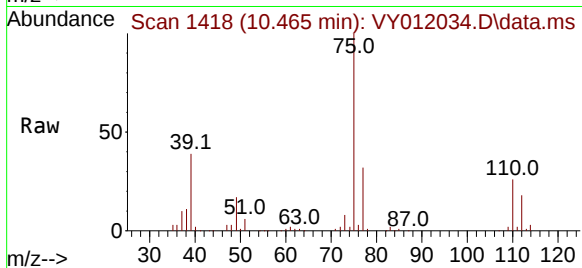




#53
t-1,3-Dichloropropene
Concen: 56.231 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

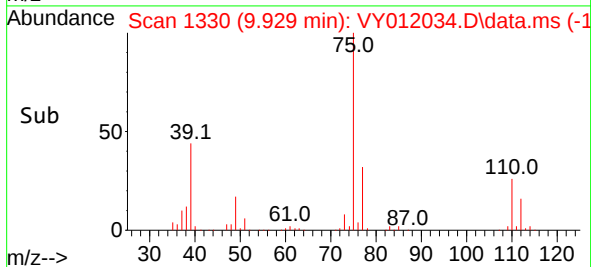
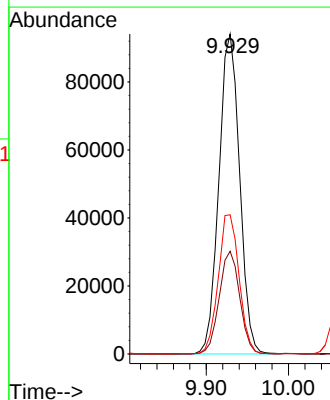
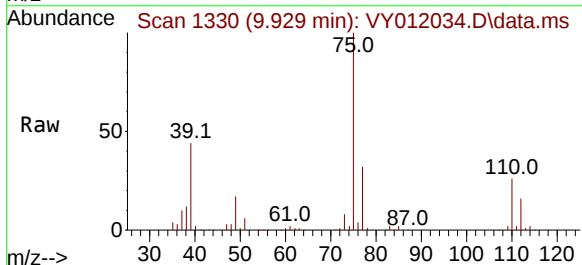
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

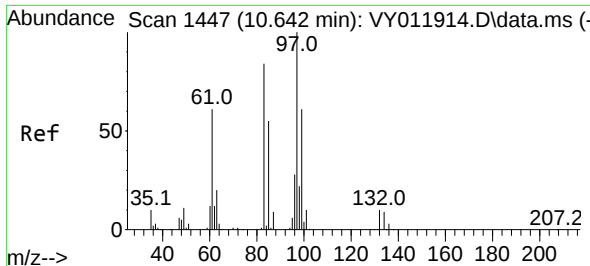
Tgt Ion: 75 Resp: 154529
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 53.429 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 75 Resp: 165043
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9
39 43.4 34.6 52.0

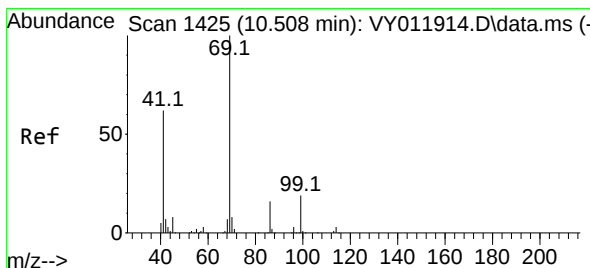
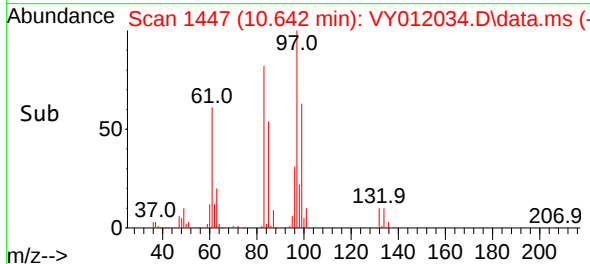
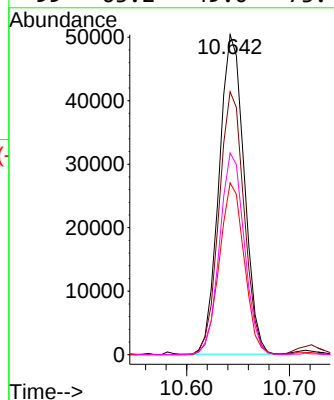
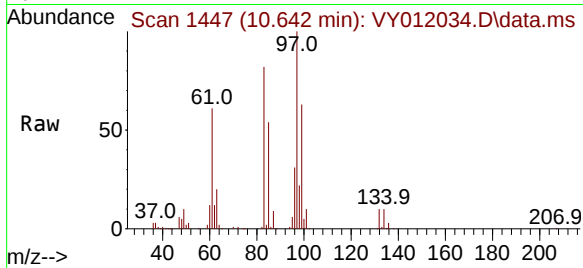




#55
1,1,2-Trichloroethane
Concen: 56.110 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

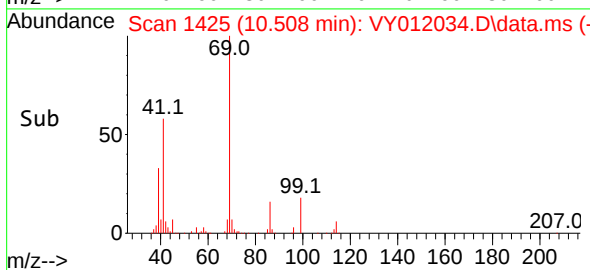
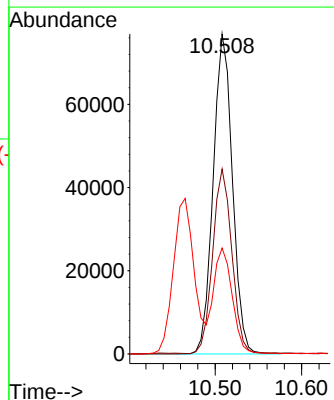
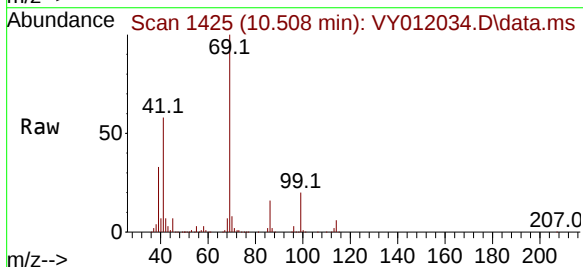
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

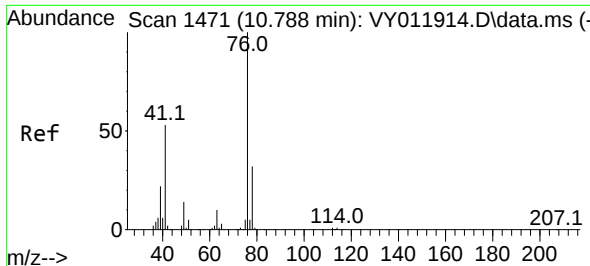
Tgt Ion: 97	Resp: 85357
Ion Ratio	Lower Upper
97 100	
83 82.3	67.7 101.5
85 53.8	43.8 65.8
99 63.2	49.0 73.4



#56
Ethyl methacrylate
Concen: 61.685 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 69	Resp: 118810
Ion Ratio	Lower Upper
69 100	
41 57.2	48.9 73.3
39 31.7	25.9 38.9





#57

1,3-Dichloropropane

Concen: 56.094 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

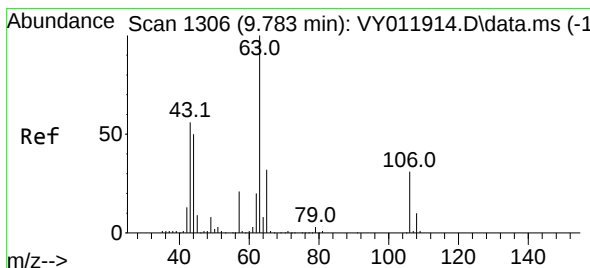
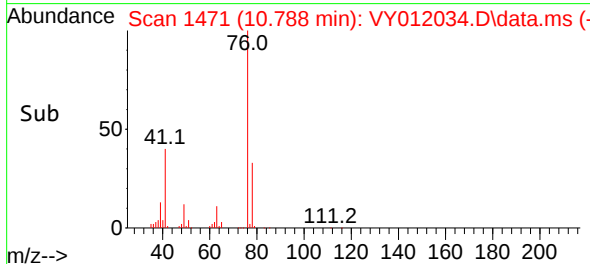
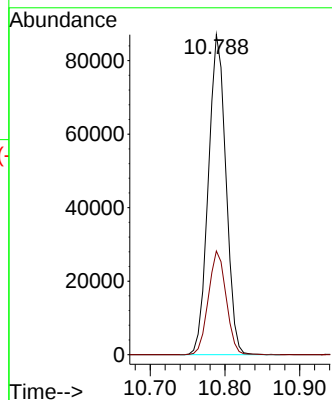
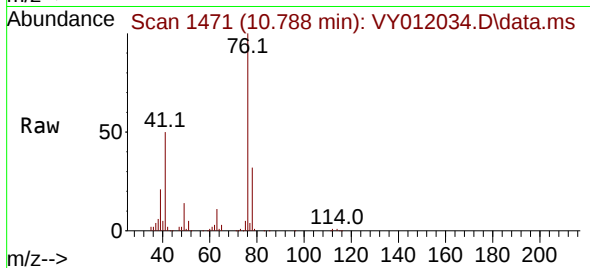
VSTDCCC050EC

Tgt Ion: 76 Resp: 142404

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 278.327 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012034.D

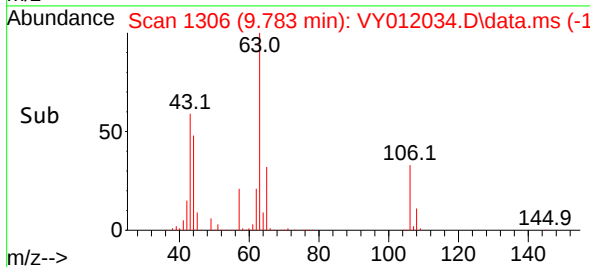
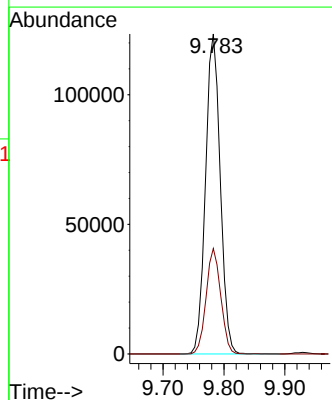
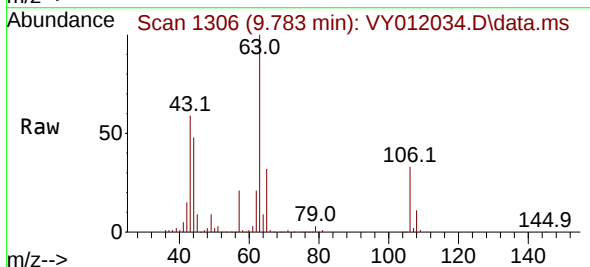
Acq: 29 Dec 2022 17:35

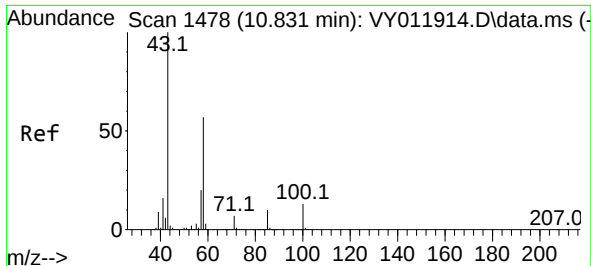
Tgt Ion: 63 Resp: 206860

Ion Ratio Lower Upper

63 100

106 32.7 23.2 34.8





#59

2-Hexanone

Concen: 296.397 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

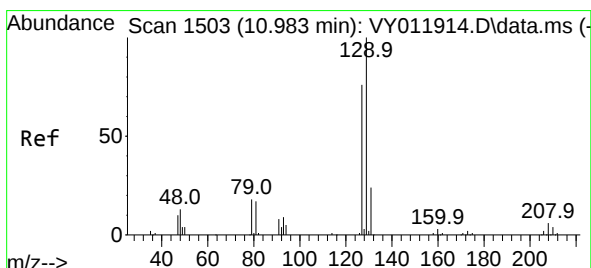
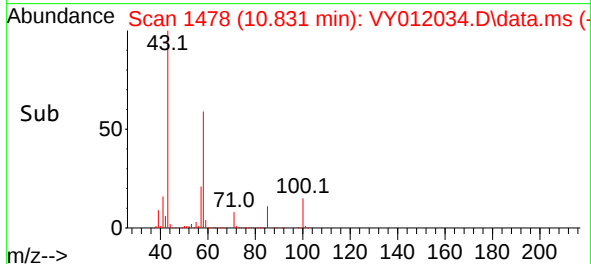
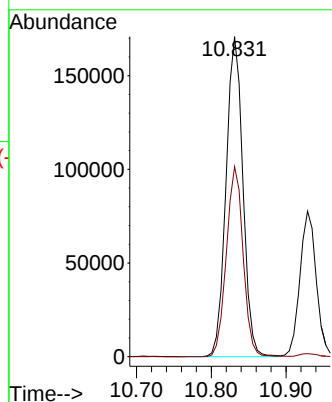
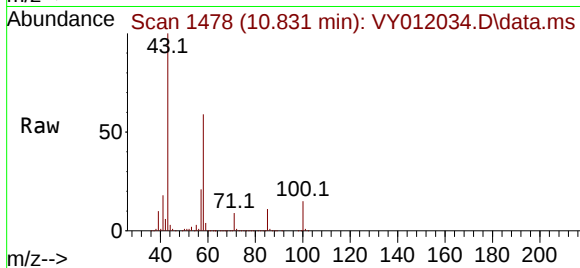
VSTDCCC050EC

Tgt Ion: 43 Resp: 268152

Ion Ratio Lower Upper

43 100

58 59.0 28.4 85.2



#60

Dibromochloromethane

Concen: 57.854 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012034.D

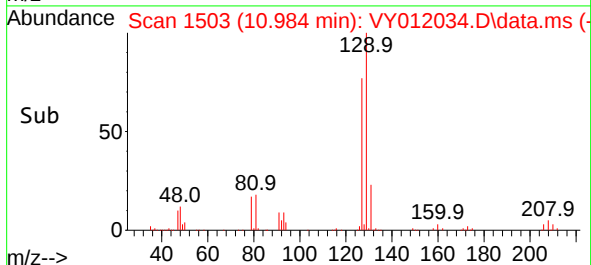
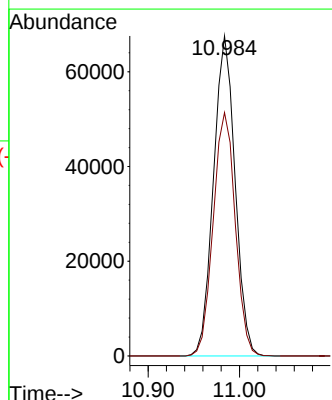
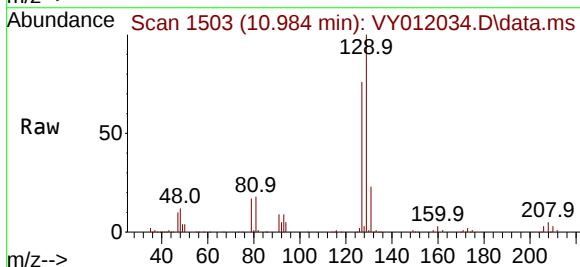
Acq: 29 Dec 2022 17:35

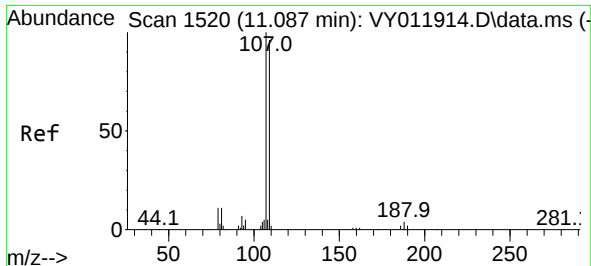
Tgt Ion: 129 Resp: 110871

Ion Ratio Lower Upper

129 100

127 77.6 38.9 116.6

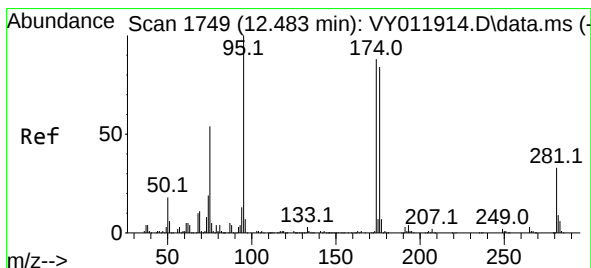
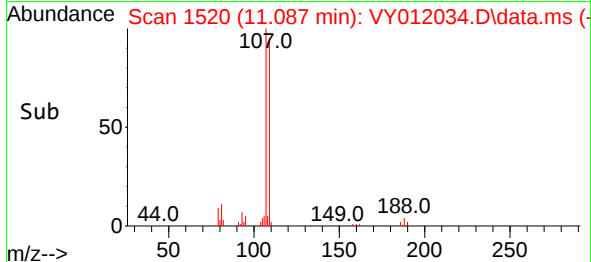
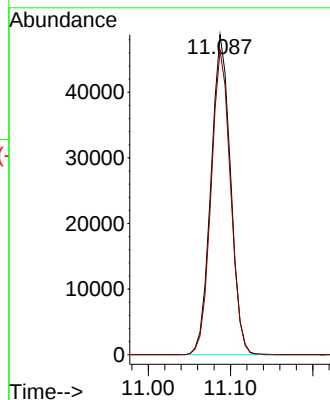
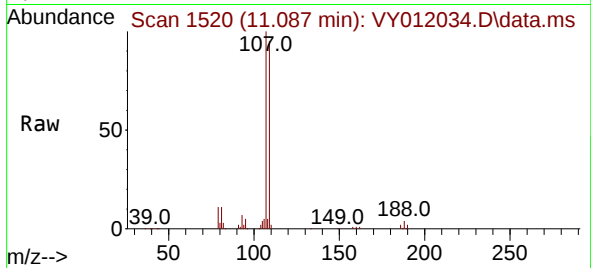




#61
1,2-Dibromoethane
Concen: 56.503 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

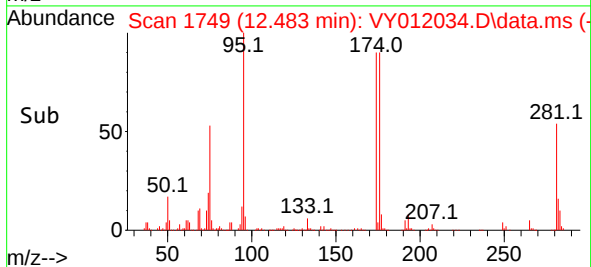
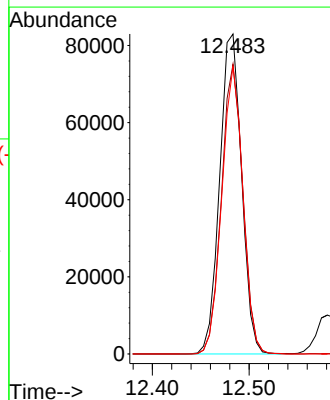
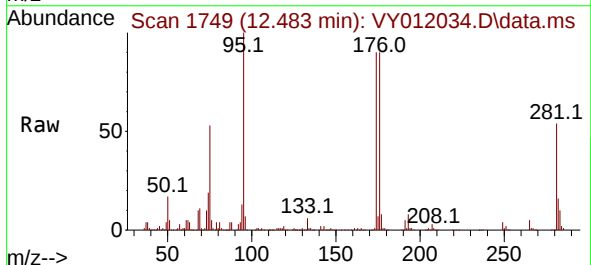
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

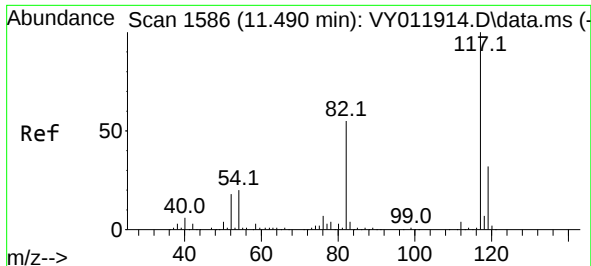
Tgt Ion:107 Resp: 80418
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 54.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 95 Resp: 130608
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.0
176 86.6 0.0 167.6

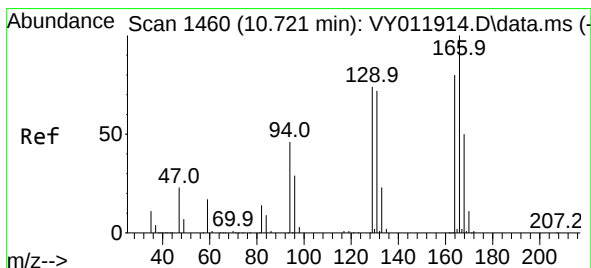
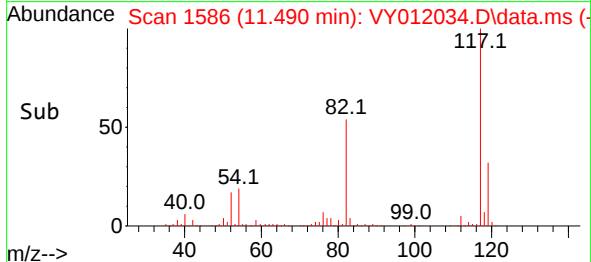
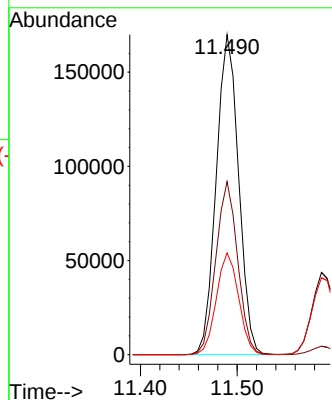
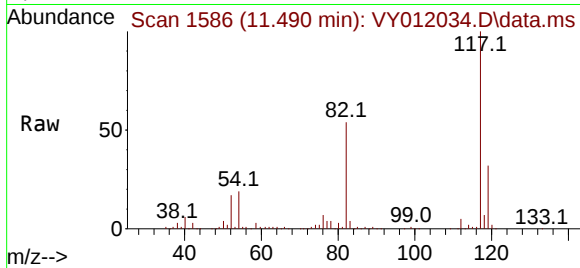




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

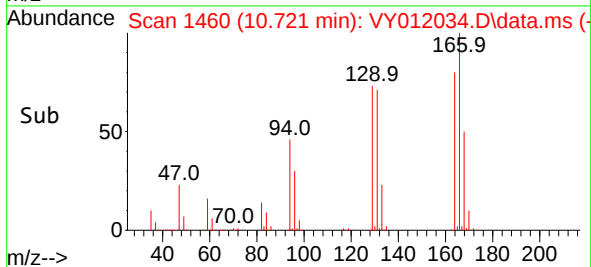
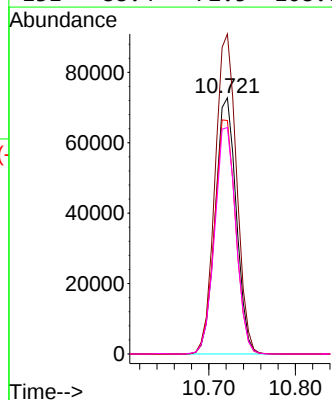
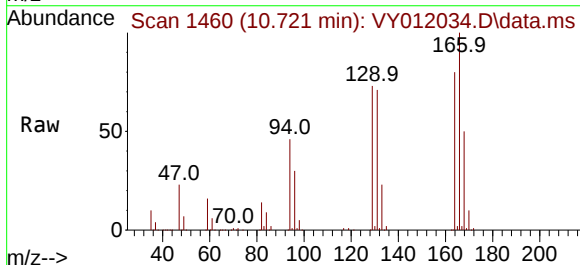
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

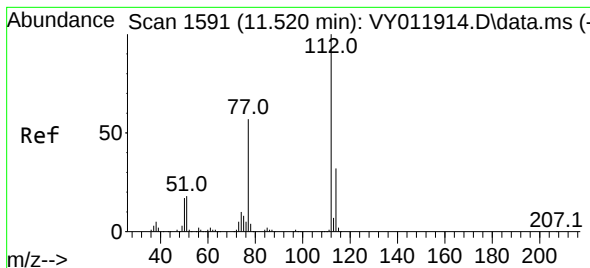
Tgt Ion:117 Resp: 272764
Ion Ratio Lower Upper
117 100
82 54.1 44.8 67.2
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 51.487 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion:164 Resp: 122926
Ion Ratio Lower Upper
164 100
166 125.0 102.3 153.5
129 91.2 77.2 115.8
131 88.4 72.5 108.7

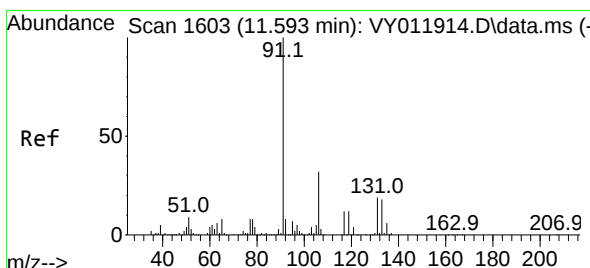
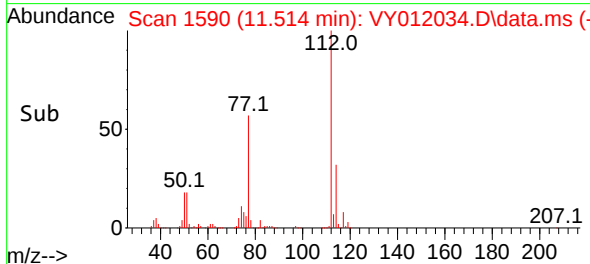
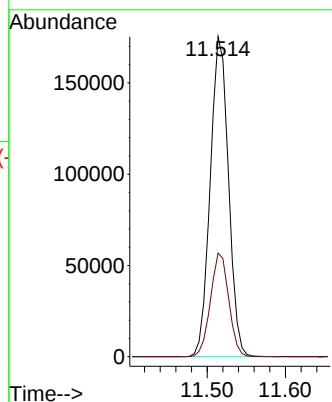
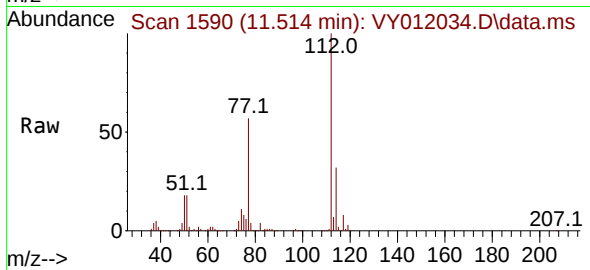




#65
Chlorobenzene
Concen: 50.043 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

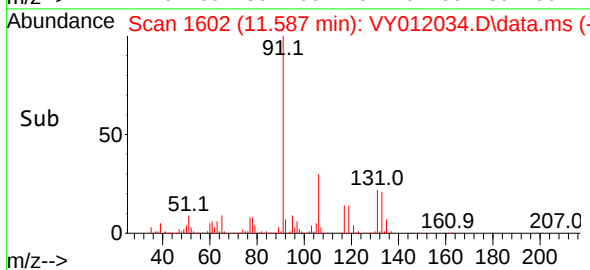
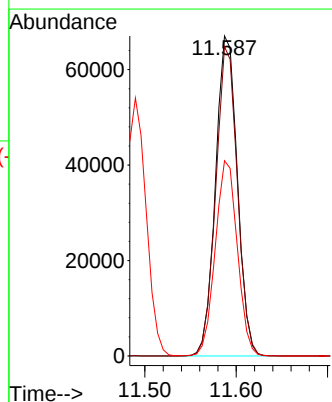
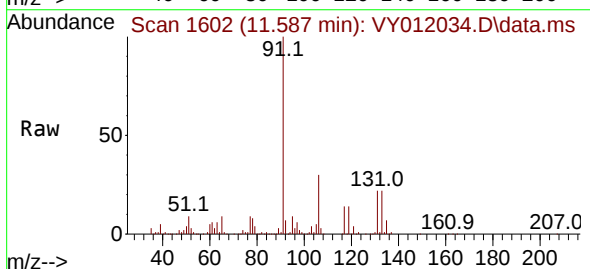
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

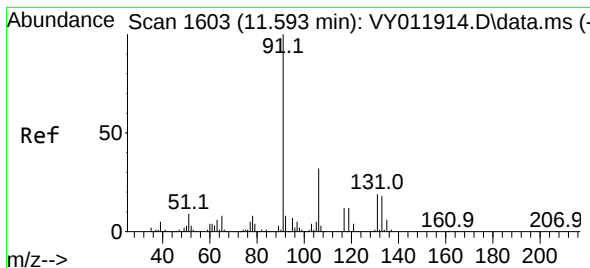
Tgt Ion:112 Resp: 283423
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.777 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion:131 Resp: 111212
Ion Ratio Lower Upper
131 100
133 95.9 47.3 142.0
119 61.8 32.1 96.3

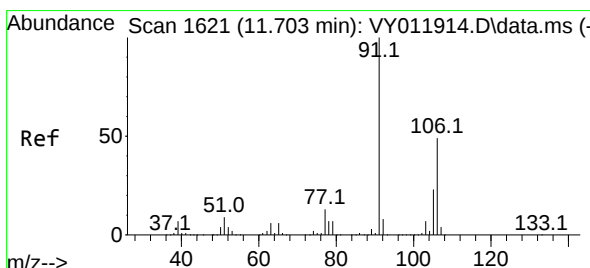
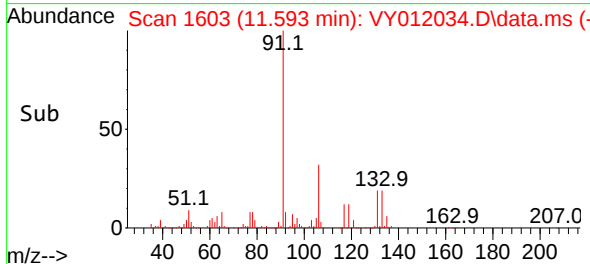
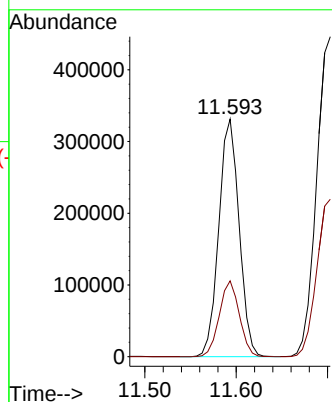
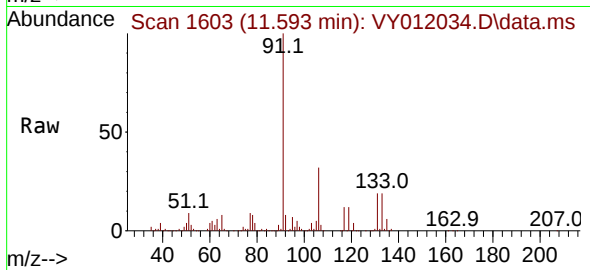




#67
Ethyl Benzene
Concen: 49.994 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

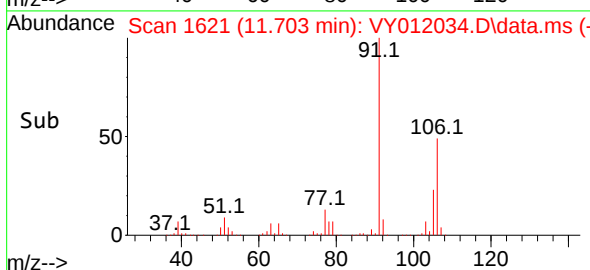
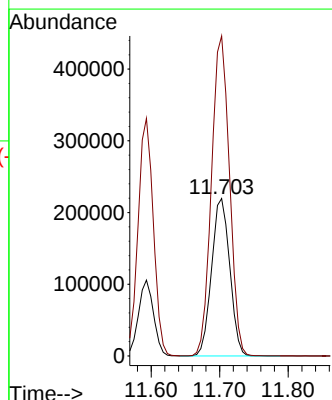
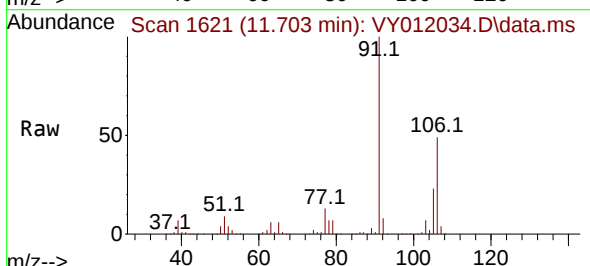
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

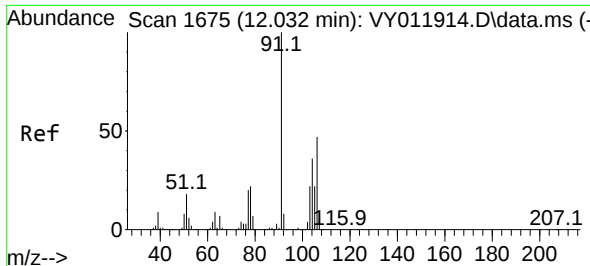
Tgt Ion: 91 Resp: 511808
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4



#68
m/p-Xylenes
Concen: 101.278 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion:106 Resp: 403230
Ion Ratio Lower Upper
106 100
91 201.7 162.5 243.7

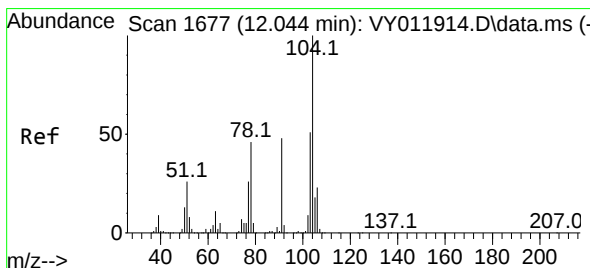
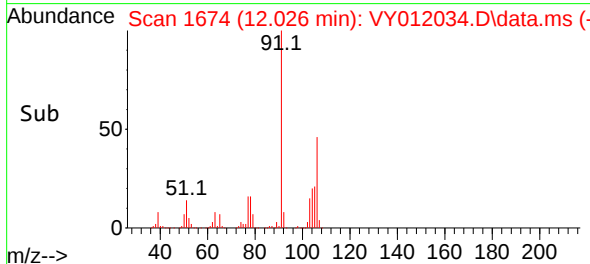
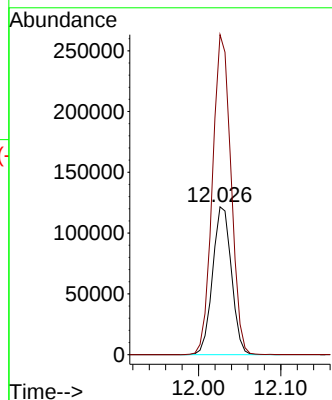
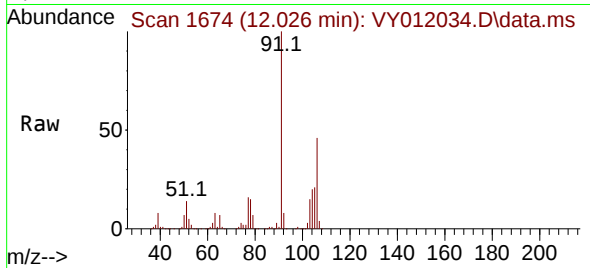




#69
o-Xylene
Concen: 52.062 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

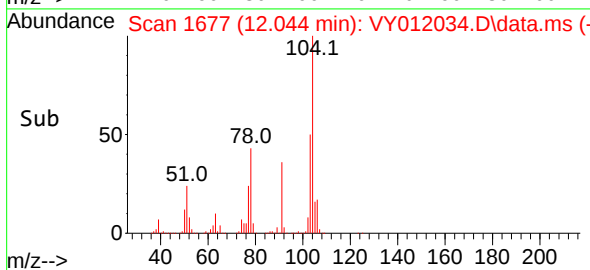
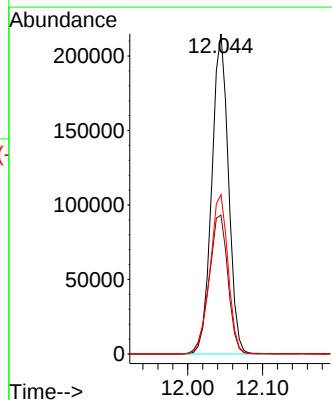
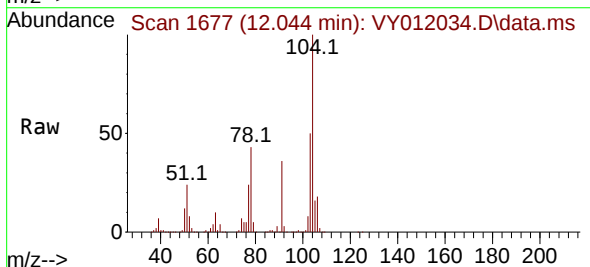
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

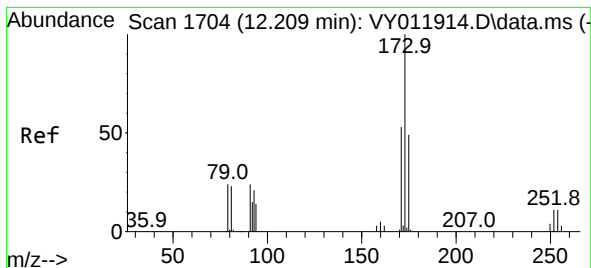
Tgt Ion:106 Resp: 192862
Ion Ratio Lower Upper
106 100
91 213.4 107.5 322.4



#70
Styrene
Concen: 53.499 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion:104 Resp: 332767
Ion Ratio Lower Upper
104 100
78 49.0 39.4 59.0
103 54.1 43.0 64.4





#71

Bromoform

Concen: 59.389 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

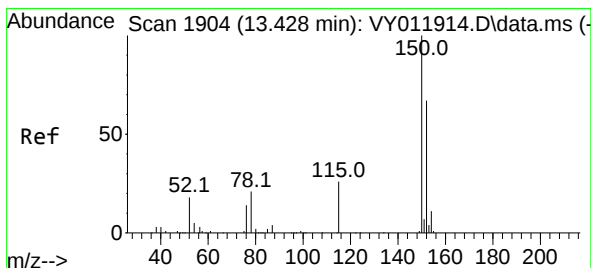
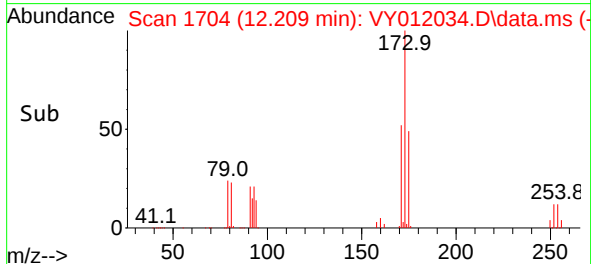
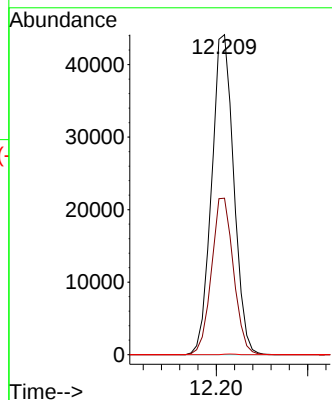
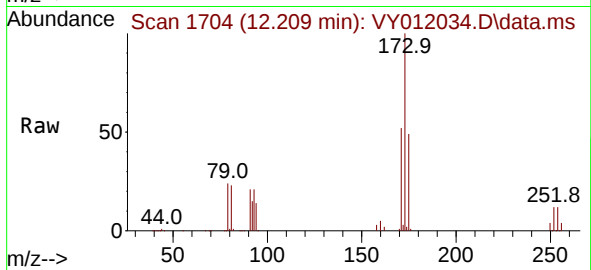
Tgt Ion:173 Resp: 74154

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.5

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

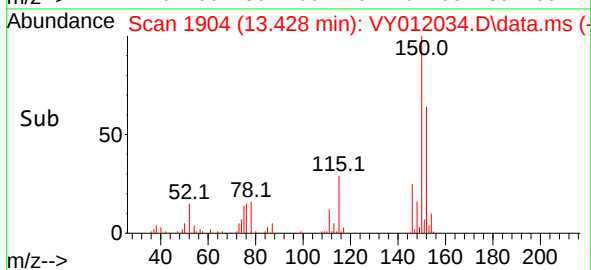
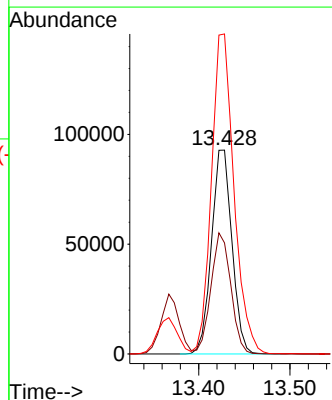
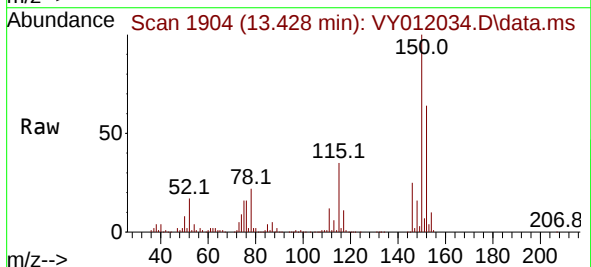
Tgt Ion:152 Resp: 144269

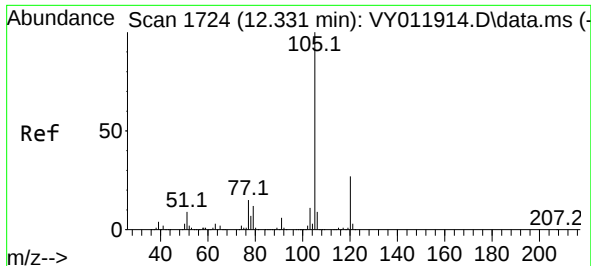
Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

150 172.7 0.0 342.6

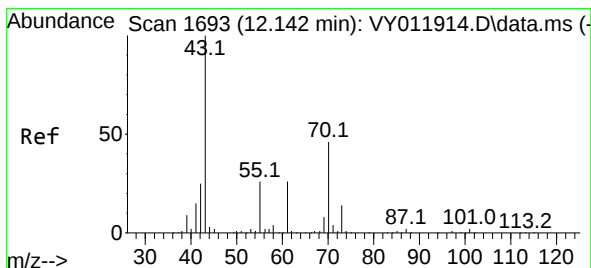
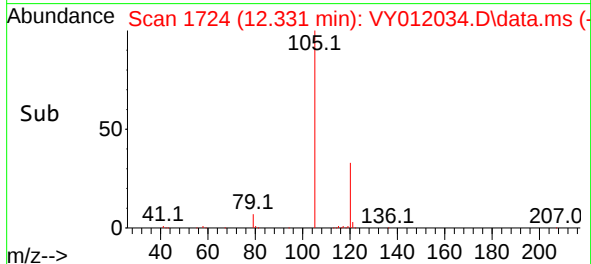
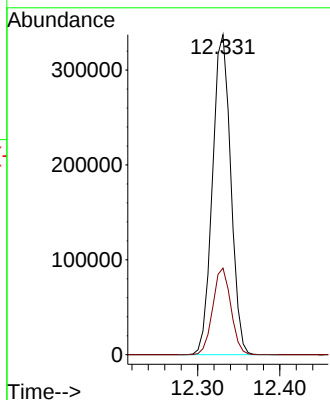
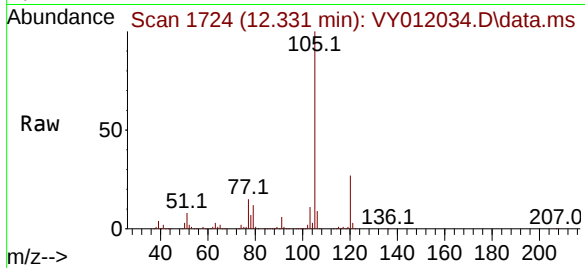




#73
Isopropylbenzene
Concen: 48.647 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

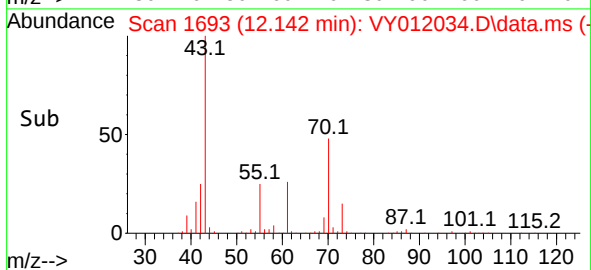
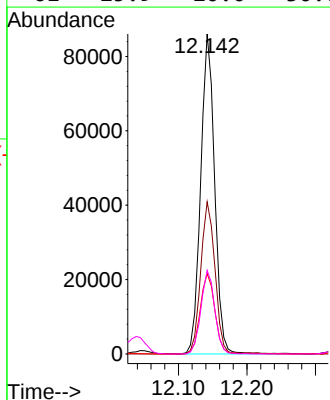
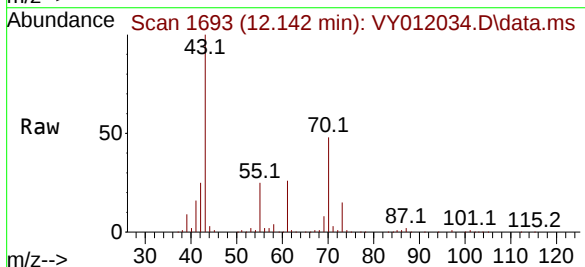
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

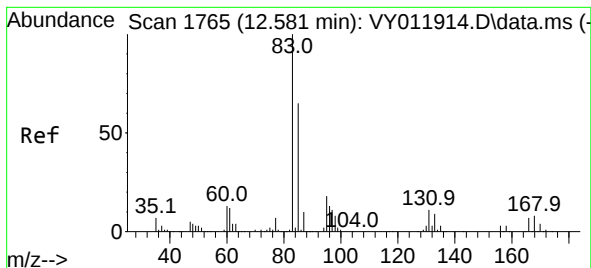
Tgt Ion:105 Resp: 520802
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 55.688 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 43 Resp: 122224
Ion Ratio Lower Upper
43 100
70 48.3 35.8 53.8
55 26.2 21.0 31.4
61 25.9 20.0 30.0

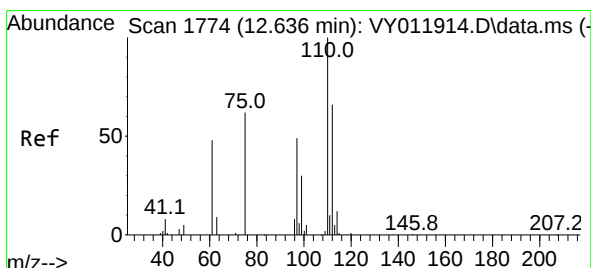
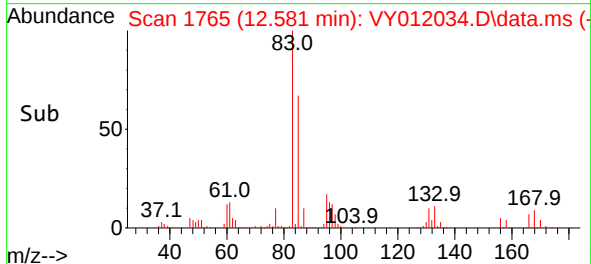
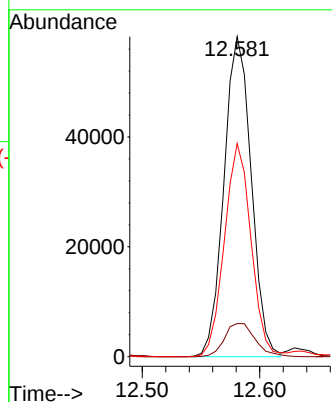
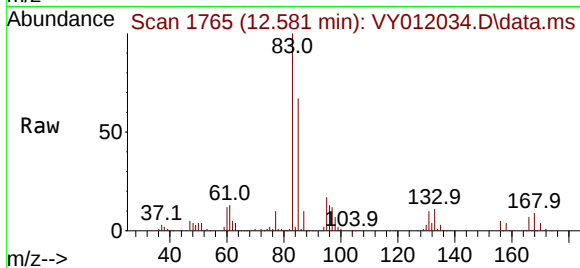




#75
1,1,2,2-Tetrachloroethane
Concen: 52.659 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

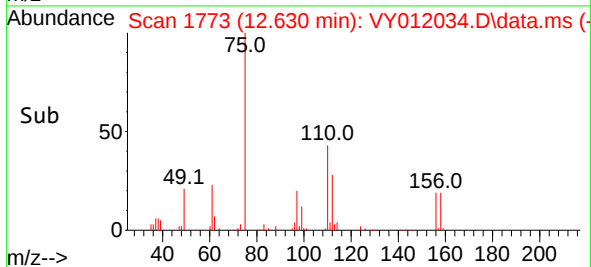
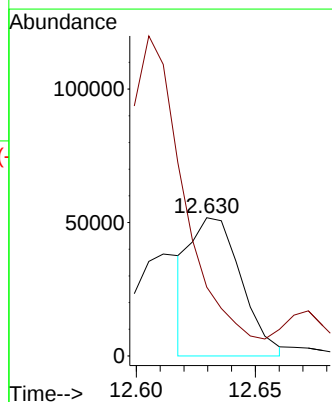
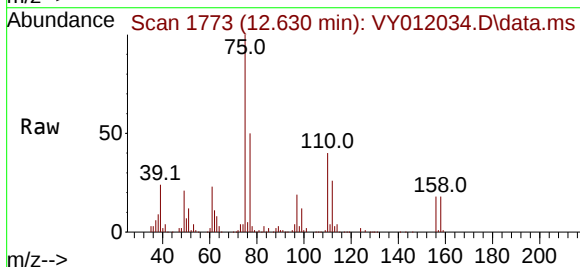
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

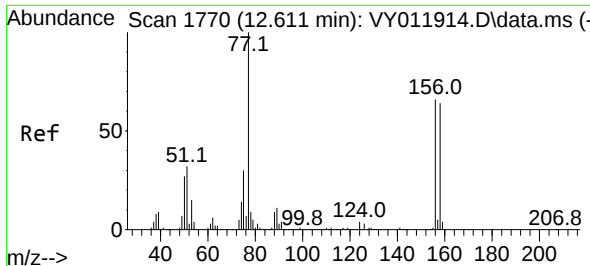
Tgt Ion: 83 Resp: 94047
Ion Ratio Lower Upper
83 100
131 11.7 5.6 16.8
85 64.8 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 42.778 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 75 Resp: 76794
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

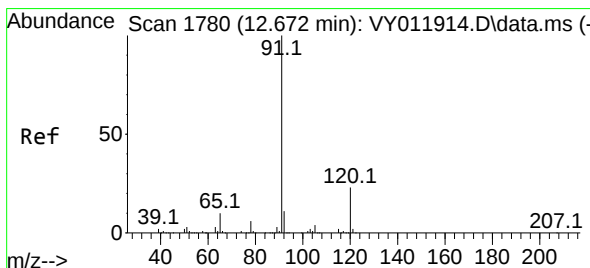
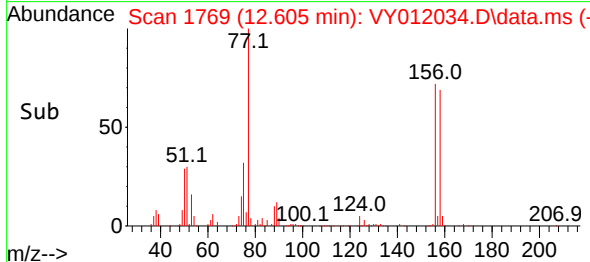
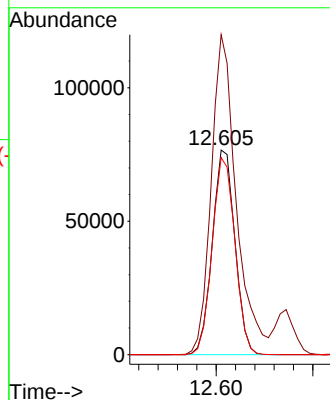
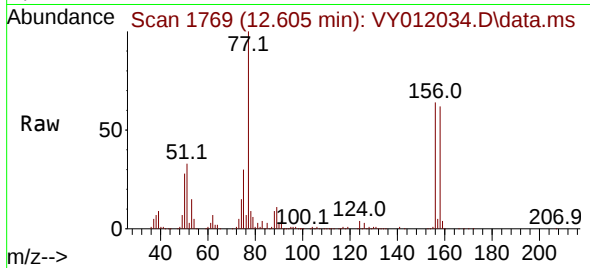




#77
Bromobenzene
Concen: 50.334 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

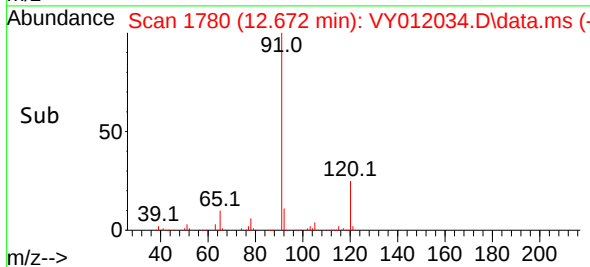
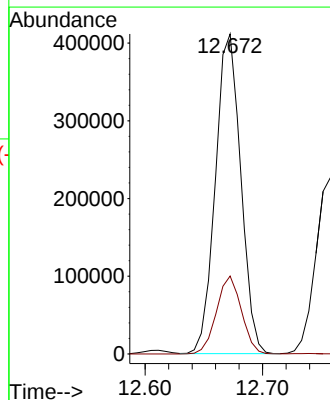
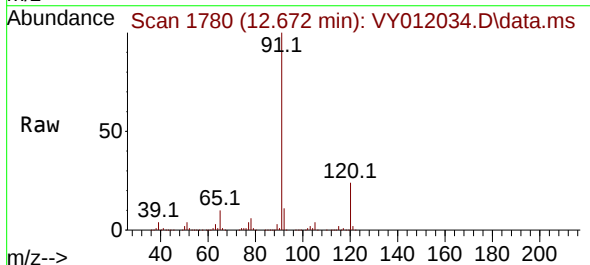
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

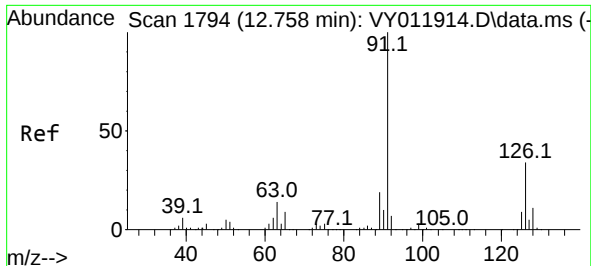
Tgt Ion:156 Resp: 124666
Ion Ratio Lower Upper
156 100
77 172.9 90.0 270.0
158 96.7 48.4 145.2



#78
n-propylbenzene
Concen: 47.930 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 91 Resp: 616783
Ion Ratio Lower Upper
91 100
120 23.9 11.8 35.4

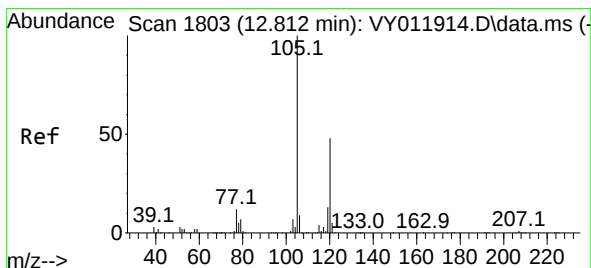
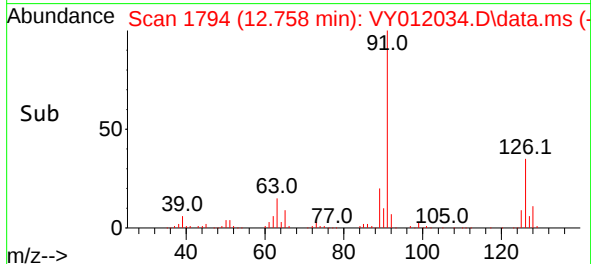
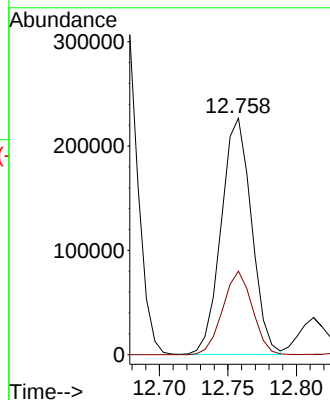
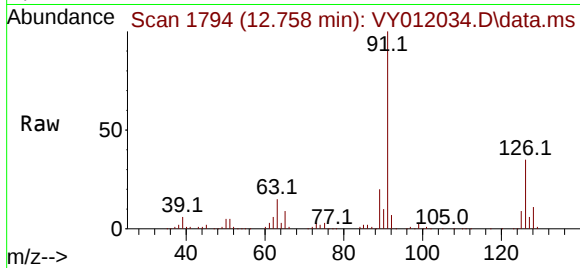




#79
2-Chlorotoluene
Concen: 48.303 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

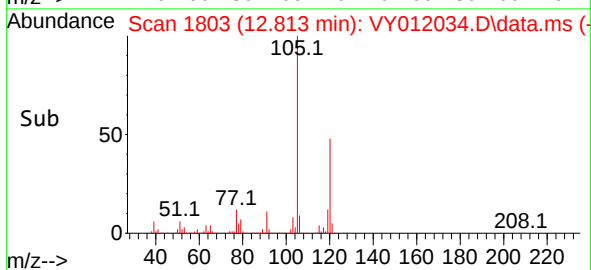
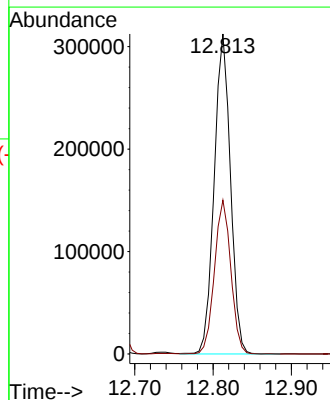
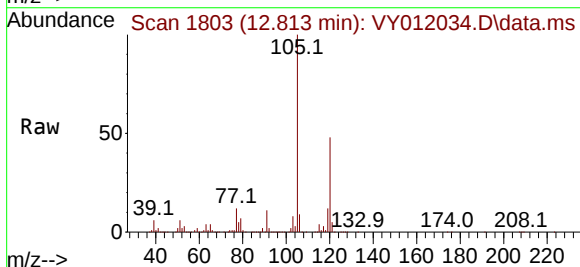
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

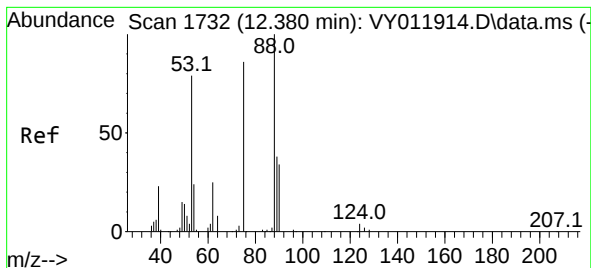
Tgt Ion: 91 Resp: 349397
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 49.122 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 105 Resp: 450245
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6

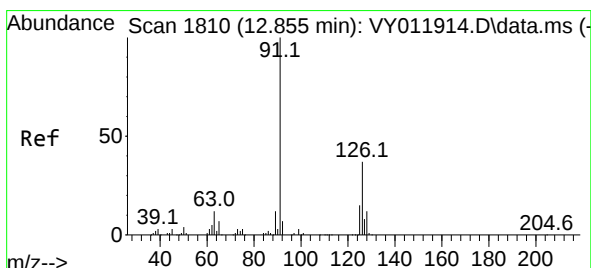
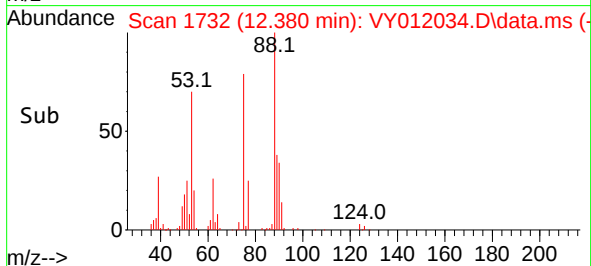
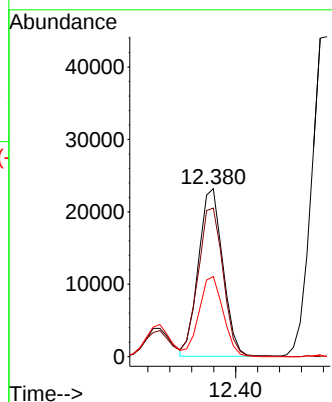
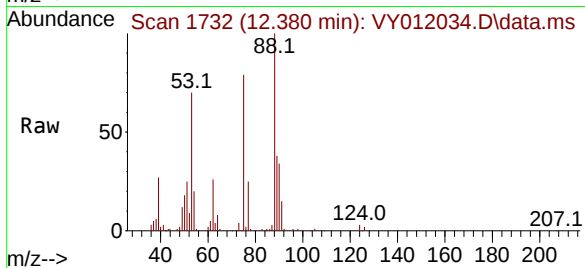




#81
trans-1,4-Dichloro-2-butene
Concen: 54.648 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

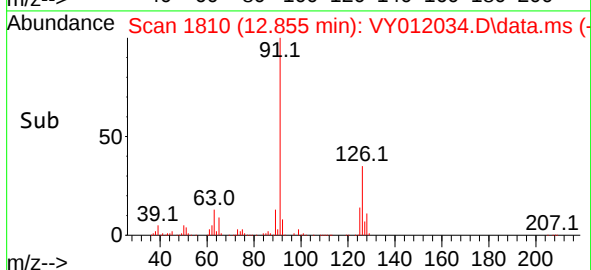
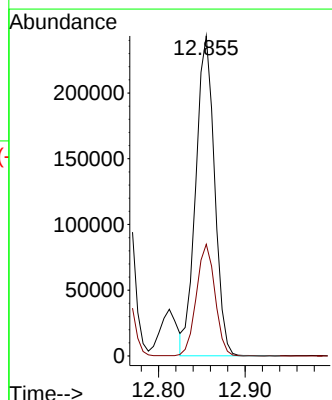
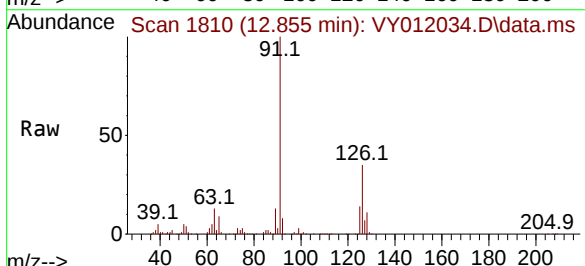
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

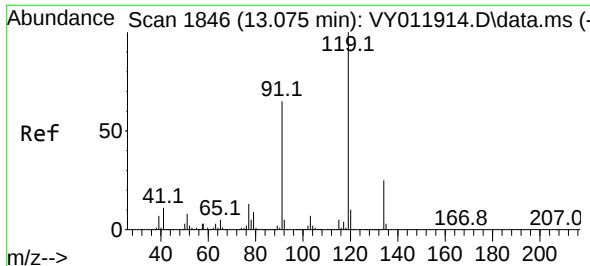
Tgt Ion: 75 Resp: 35824
Ion Ratio Lower Upper
75 100
53 90.3 72.5 108.7
89 47.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 48.778 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion: 91 Resp: 365070
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2

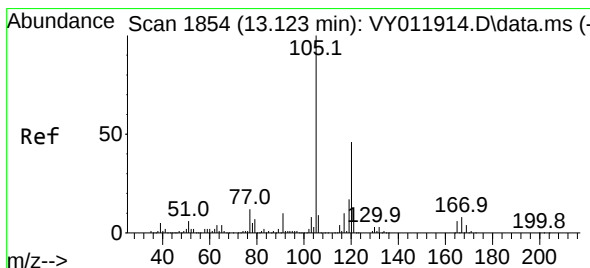
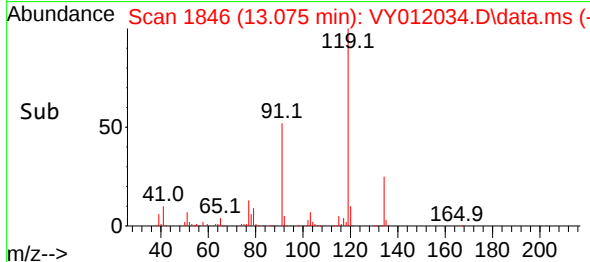
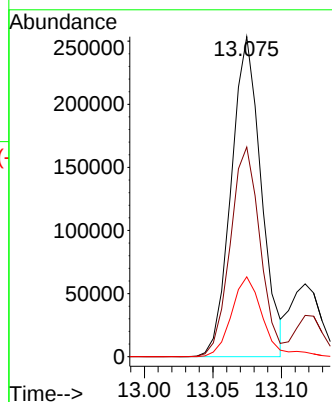
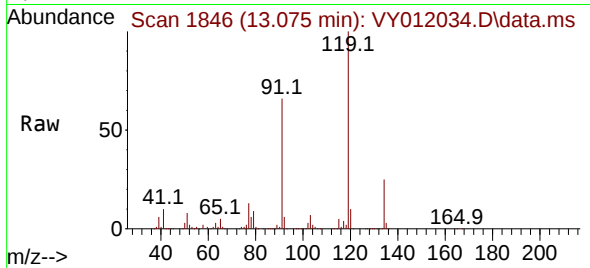




#83
tert-Butylbenzene
Concen: 49.771 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

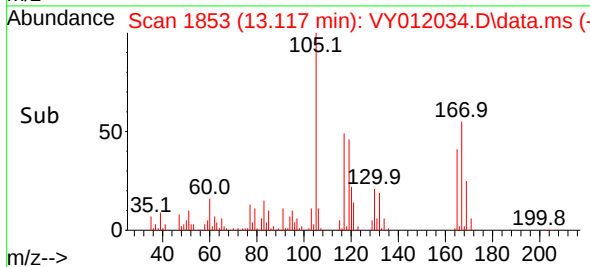
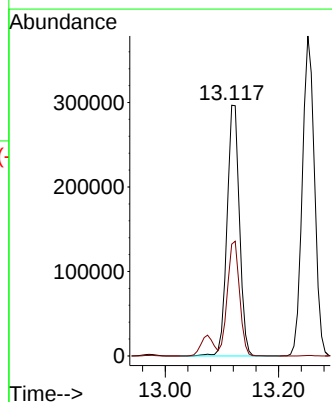
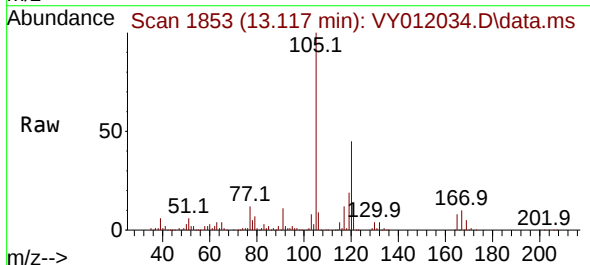
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

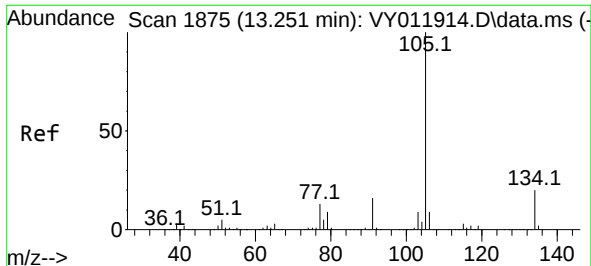
Tgt Ion:119 Resp: 386624
Ion Ratio Lower Upper
119 100
91 65.1 32.3 96.8
134 26.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 49.943 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion:105 Resp: 450344
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.7

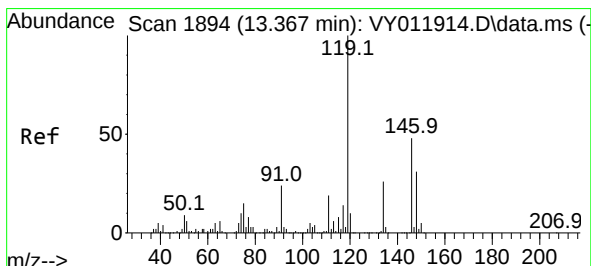
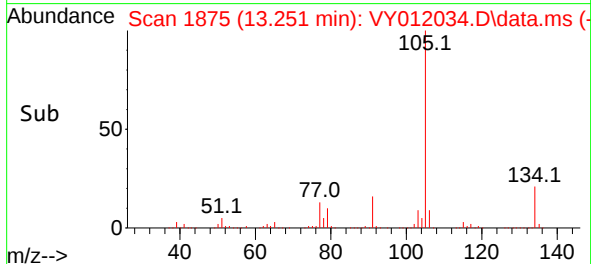
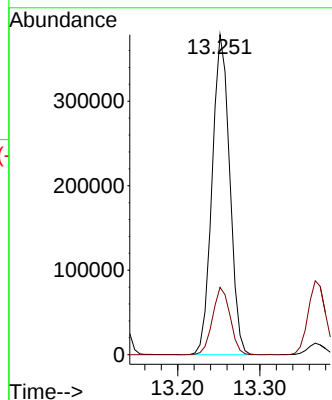
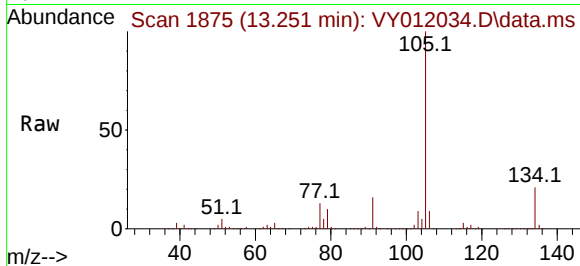




#85
 sec-Butylbenzene
 Concen: 48.461 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012034.D
 Acq: 29 Dec 2022 17:35

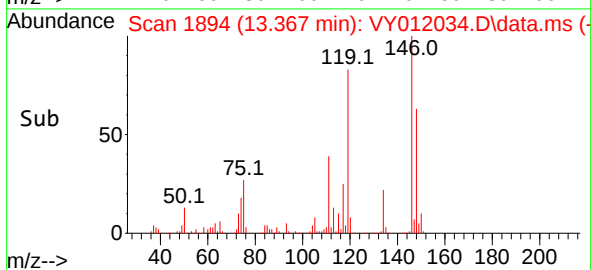
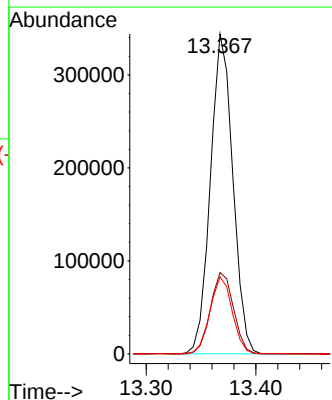
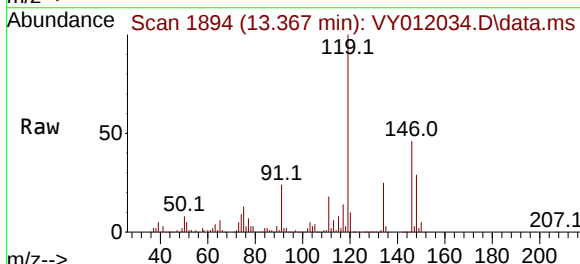
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

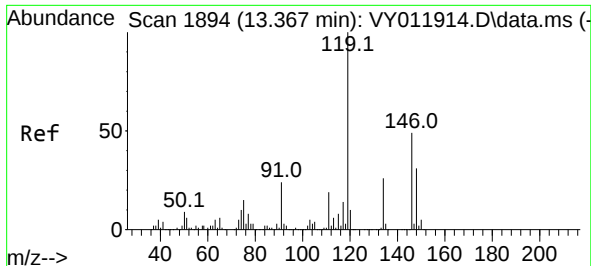
Tgt Ion:105 Resp: 562126
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 49.930 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012034.D
 Acq: 29 Dec 2022 17:35

Tgt Ion:119 Resp: 488693
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 49.117 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

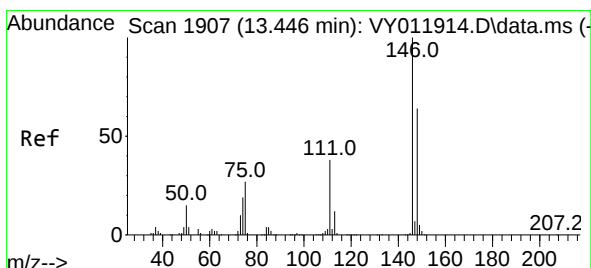
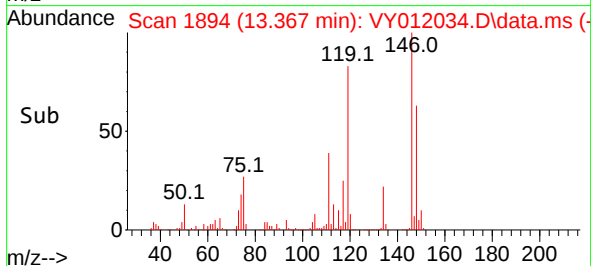
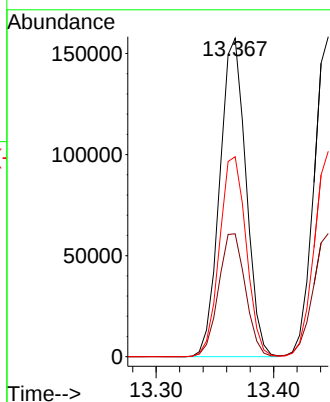
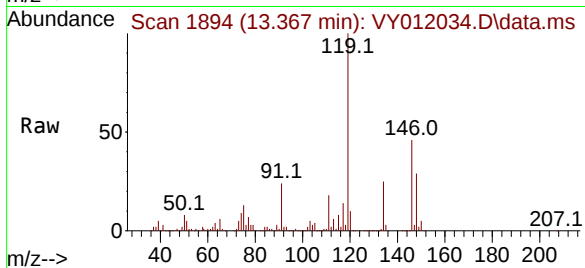
Tgt Ion:146 Resp: 244654

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.502 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

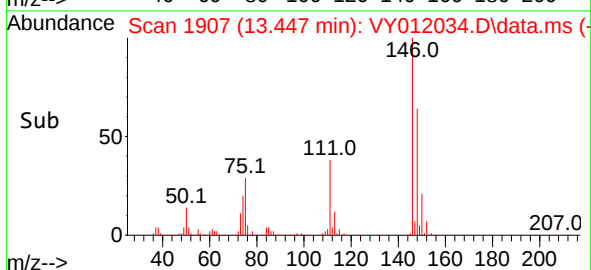
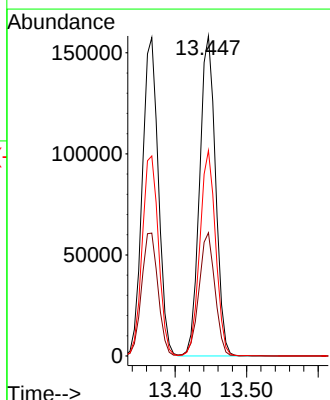
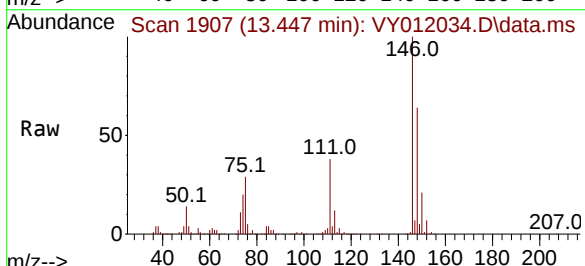
Tgt Ion:146 Resp: 245124

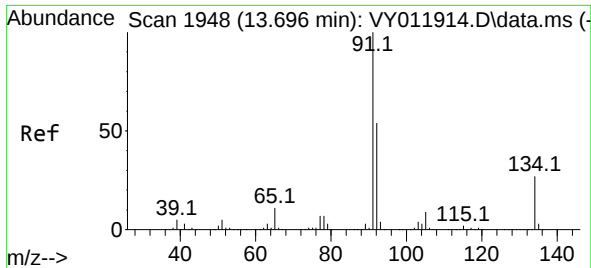
Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.7

148 63.7 31.9 95.7





#89

n-Butylbenzene

Concen: 48.800 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

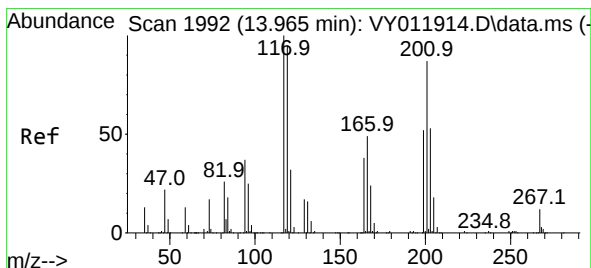
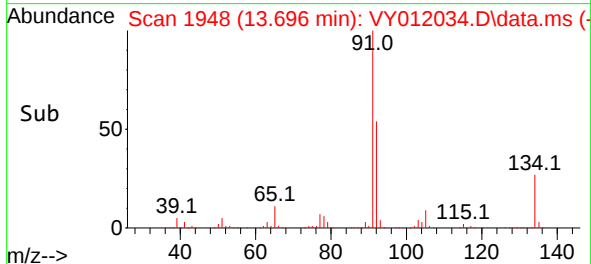
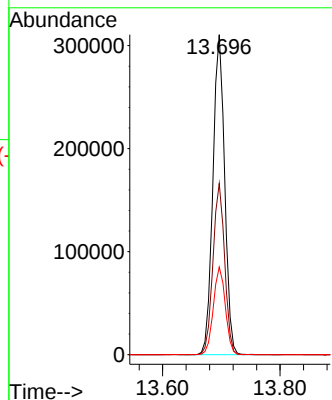
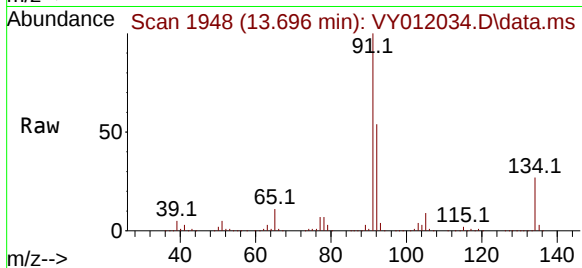
Tgt Ion: 91 Resp: 432380

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.4

134 27.9 13.3 39.8



#90

Hexachloroethane

Concen: 48.216 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012034.D

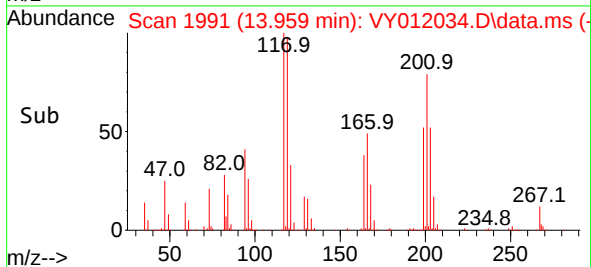
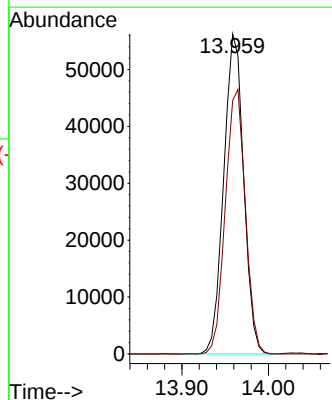
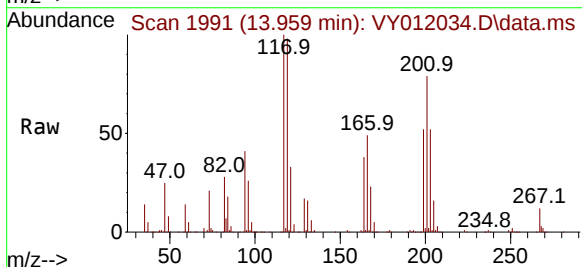
Acq: 29 Dec 2022 17:35

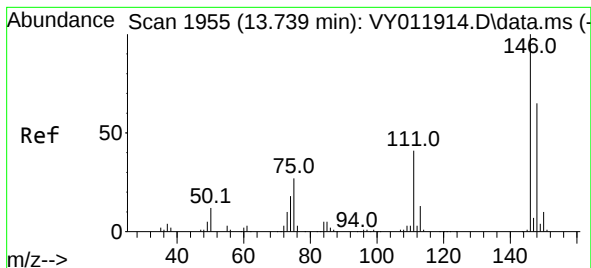
Tgt Ion: 117 Resp: 90044

Ion Ratio Lower Upper

117 100

201 82.9 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 51.584 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

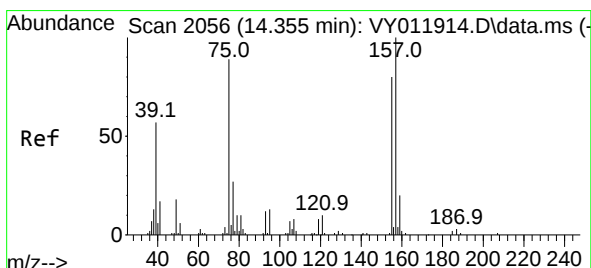
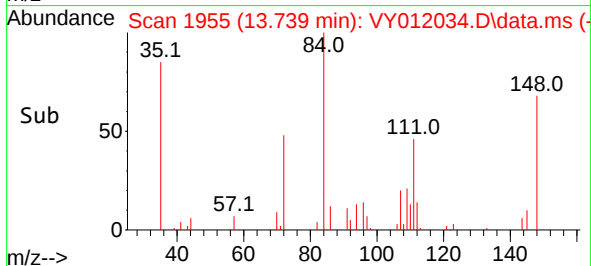
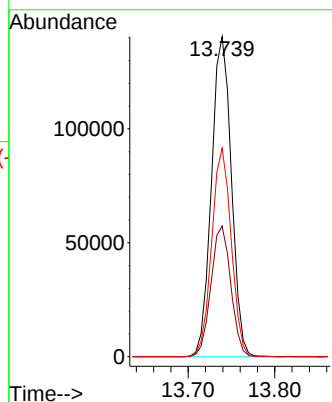
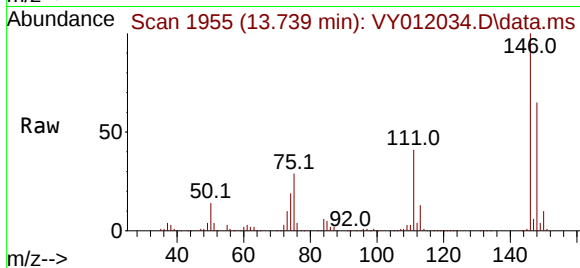
Tgt Ion:146 Resp: 224003

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 61.132 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

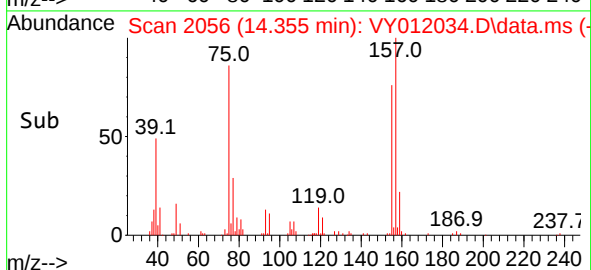
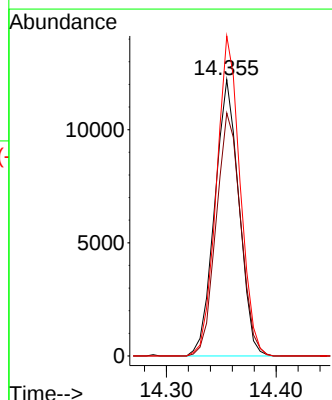
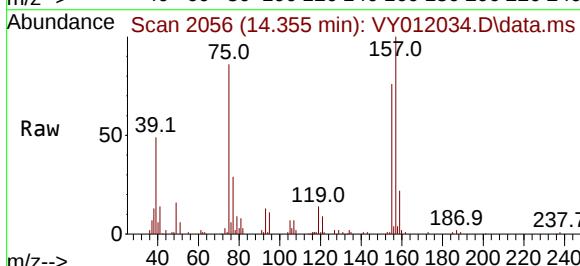
Tgt Ion: 75 Resp: 18763

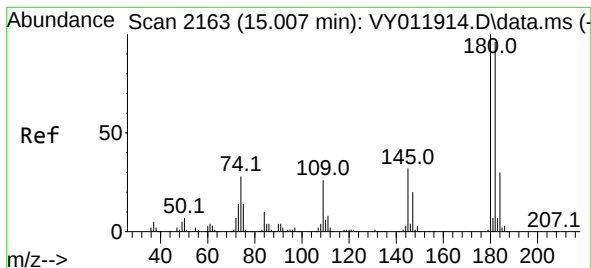
Ion Ratio Lower Upper

75 100

155 88.7 42.3 126.8

157 112.8 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 58.181 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

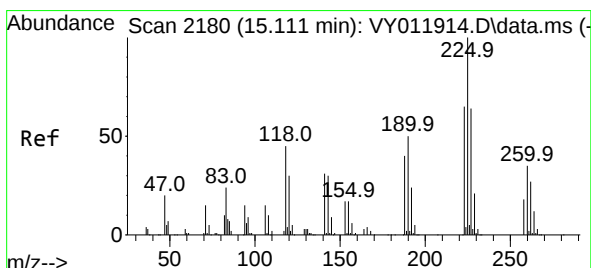
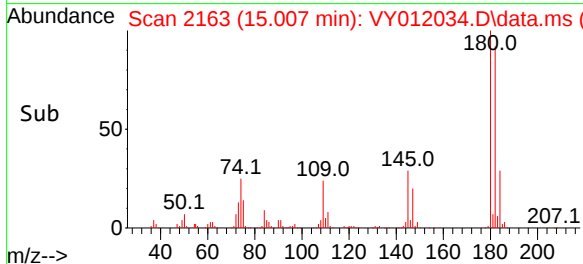
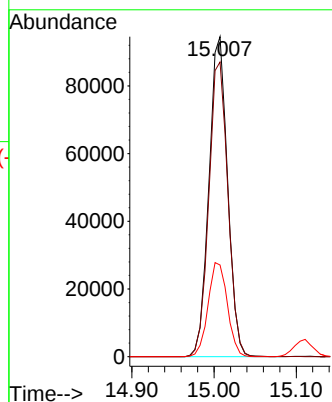
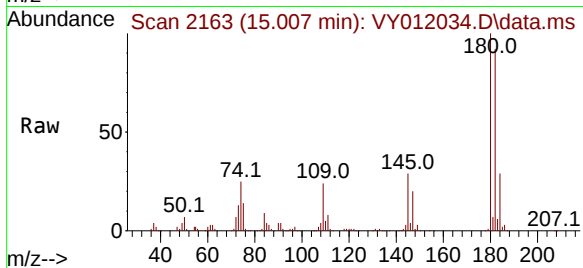
Tgt Ion:180 Resp: 148620

Ion Ratio Lower Upper

180 100

182 94.4 48.1 144.3

145 30.5 15.4 46.4



#94

Hexachlorobutadiene

Concen: 52.464 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012034.D

Acq: 29 Dec 2022 17:35

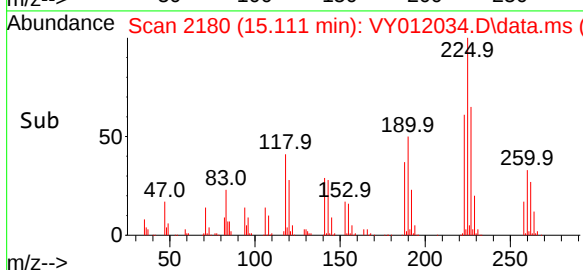
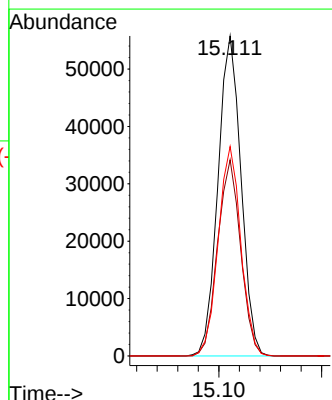
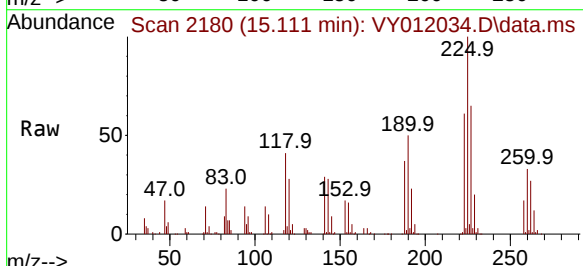
Tgt Ion:225 Resp: 86597

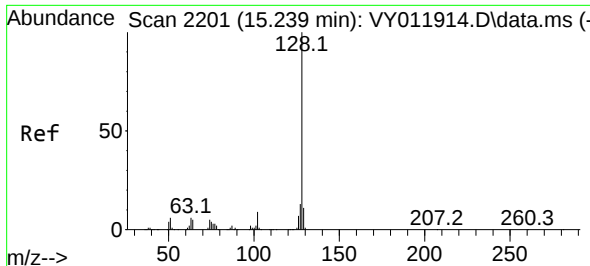
Ion Ratio Lower Upper

225 100

223 61.2 31.4 94.2

227 64.4 32.6 97.8

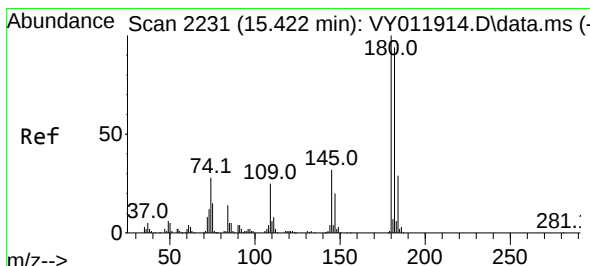
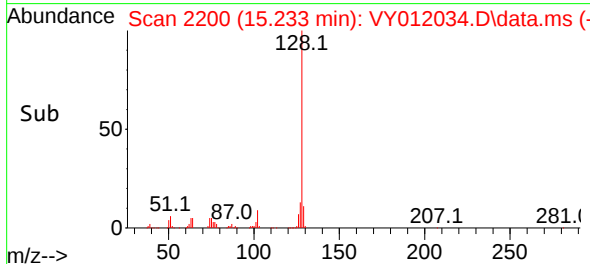
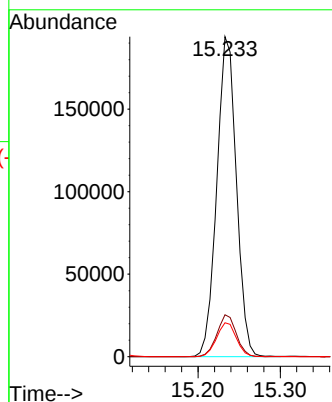
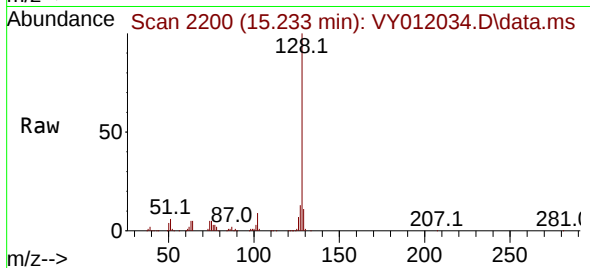




#95
Naphthalene
Concen: 59.796 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 320773
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 61.144 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY012034.D
Acq: 29 Dec 2022 17:35

Tgt Ion:180 Resp: 132054
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.7
145 33.0 16.1 48.2

