

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\Not Reviewed Data\
 Data File : VY017353.D
 Acq On : 12 Feb 2024 15:10
 Operator : SY/MD
 Sample : VY0212SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS01

Quant Time: Feb 12 18:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	48798	49.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.722	113	50025	49.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.185	98	184828	50.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.483	95	60183	49.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16379	19.762	ug/l	91
3) Chloromethane	2.113	50	32888	22.089	ug/l	99
4) Vinyl Chloride	2.253	62	40031	22.063	ug/l	99
5) Bromomethane	2.650	94	29354	23.339	ug/l	93
6) Chloroethane	2.796	64	26203	22.367	ug/l	97
7) Trichlorofluoromethane	3.125	101	42445	22.750	ug/l	95
8) Diethyl Ether	3.534	74	12912	22.002	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	25775	22.790	ug/l	99
10) Methyl Iodide	4.095	142	20931	17.604	ug/l	99
11) Tert butyl alcohol	4.972	59	9062	100.366	ug/l	98
12) 1,1-Dichloroethene	3.881	96	21911	20.676	ug/l	97
13) Acrolein	3.735	56	7357	83.090	ug/l	96
14) Allyl chloride	4.485	41	35404	22.099	ug/l	99
15) Acrylonitrile	5.168	53	29579	111.944	ug/l	99
16) Acetone	3.954	43	36121	125.831	ug/l	93
17) Carbon Disulfide	4.198	76	50462	14.917	ug/l	98
18) Methyl Acetate	4.485	43	12164	18.995	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	58901	23.078	ug/l	98
20) Methylene Chloride	4.723	84	30212	23.866	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	24875	20.633	ug/l	95
22) Diisopropyl ether	6.131	45	83852	23.833	ug/l	96
23) Vinyl Acetate	6.070	43	245430	115.129	ug/l	98
24) 1,1-Dichloroethane	6.021	63	48896	22.687	ug/l	96
25) 2-Butanone	6.996	43	46185	121.027	ug/l	97
26) 2,2-Dichloropropane	6.984	77	41999	23.428	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	30499	22.619	ug/l	99
28) Bromochloromethane	7.344	49	18111	21.946	ug/l	97
29) Tetrahydrofuran	7.356	42	23743	110.141	ug/l	99
30) Chloroform	7.515	83	51707	23.849	ug/l	97
31) Cyclohexane	7.795	56	37760	19.181	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	43484	23.317	ug/l	99
36) 1,1-Dichloropropene	7.923	75	36033	20.646	ug/l	99
37) Ethyl Acetate	7.088	43	17245	21.304	ug/l	98
38) Carbon Tetrachloride	7.911	117	36859	22.058	ug/l	96
39) Methylcyclohexane	9.191	83	38943	19.100	ug/l	95
40) Benzene	8.167	78	109060	21.882	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	7051	18.385	ug/l #	74
42) 1,2-Dichloroethane	8.240	62	29841	22.614	ug/l	99
43) Isopropyl Acetate	8.283	43	32909	22.966	ug/l	98
44) Trichloroethene	8.947	130	27710	21.903	ug/l	99
45) 1,2-Dichloropropane	9.222	63	27998	22.871	ug/l	100
46) Dibromomethane	9.307	93	14714	22.251	ug/l	96
47) Bromodichloromethane	9.502	83	38730	23.403	ug/l	97
48) Methyl methacrylate	9.301	41	14499	21.572	ug/l	97
49) 1,4-Dioxane	9.307	88	3290	457.091	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	90011	117.184	ug/l	100
52) Toluene	10.246	92	67207	22.340	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	35418	22.784	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	43125	23.161	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	21416	23.803	ug/l	98
56) Ethyl methacrylate	10.514	69	24584	22.093	ug/l	98
57) 1,3-Dichloropropane	10.795	76	35490	22.934	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	54934	98.008	ug/l	99
59) 2-Hexanone	10.837	43	68950	124.138	ug/l	99
60) Dibromochloromethane	10.990	129	24425	23.141	ug/l	98
61) 1,2-Dibromoethane	11.093	107	18822	22.494	ug/l	99
64) Tetrachloroethene	10.721	164	23319	22.155	ug/l	99
65) Chlorobenzene	11.520	112	70441	22.531	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	25893	22.790	ug/l	97
67) Ethyl Benzene	11.599	91	127407	22.549	ug/l	99
68) m/p-Xylenes	11.703	106	97908	45.661	ug/l	100
69) o-Xylene	12.032	106	45568	23.077	ug/l	99
70) Styrene	12.050	104	76134	23.401	ug/l	99
71) Bromoform	12.215	173	13699	23.023	ug/l #	97
73) Isopropylbenzene	12.331	105	123443	22.488	ug/l	100
74) N-amyl acetate	12.148	43	28195	22.859	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	24254	22.465	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	29808	43.221	ug/l #	100
77) Bromobenzene	12.611	156	26045	21.391	ug/l	96
78) n-propylbenzene	12.672	91	153778	22.810	ug/l	100
79) 2-Chlorotoluene	12.758	91	84830	22.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	101745	23.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7221	21.756	ug/l	96
82) 4-Chlorotoluene	12.855	91	88626	23.233	ug/l	98
83) tert-Butylbenzene	13.075	119	88764	23.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	98289	22.809	ug/l	99
85) sec-Butylbenzene	13.258	105	137469	23.504	ug/l	100
86) p-Isopropyltoluene	13.373	119	108285	23.168	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	54785	22.555	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	54982	23.299	ug/l	99
89) n-Butylbenzene	13.697	91	105884	23.827	ug/l	98
90) Hexachloroethane	13.965	117	22242	23.181	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	47484	22.963	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3268	23.238	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	24614	23.964	ug/l	99
94) Hexachlorobutadiene	15.117	225	14484	23.943	ug/l	98
95) Naphthalene	15.239	128	43979	23.759	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	21157	24.220	ug/l	97

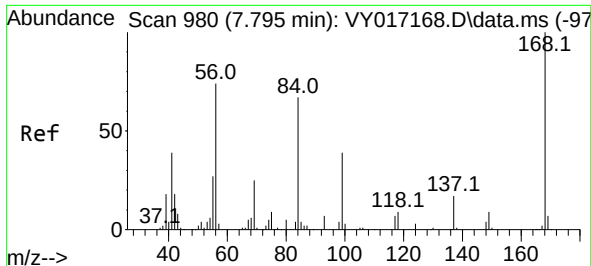
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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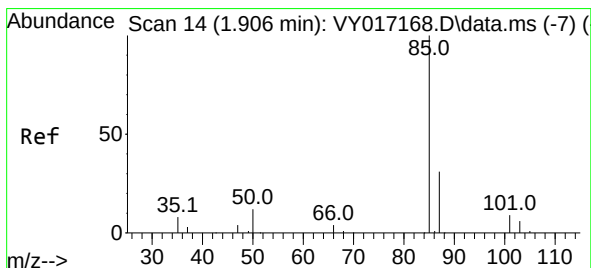
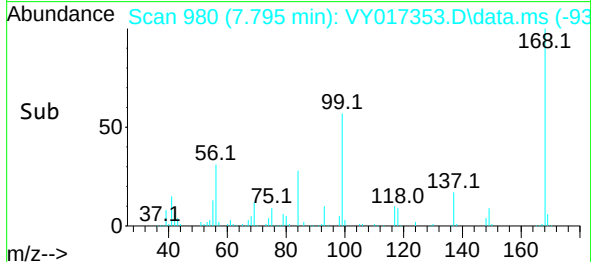
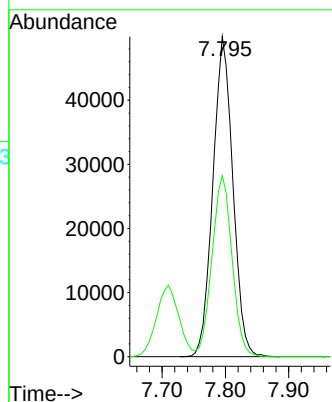
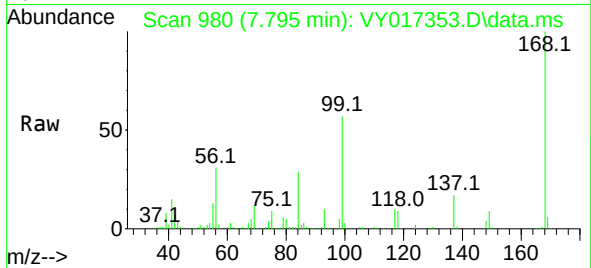
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017353.D
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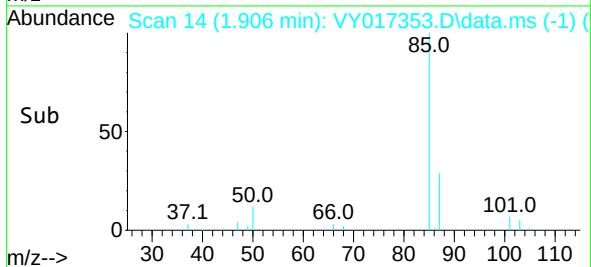
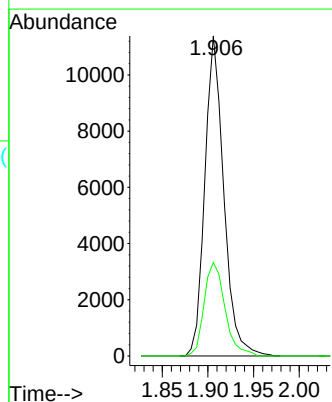
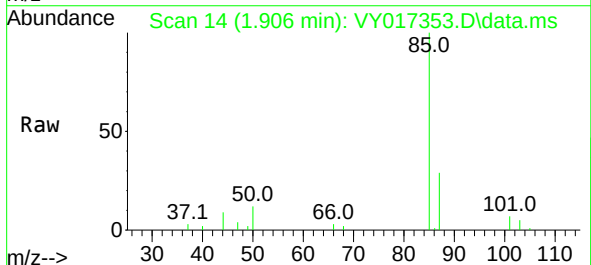
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VY0212SBS01

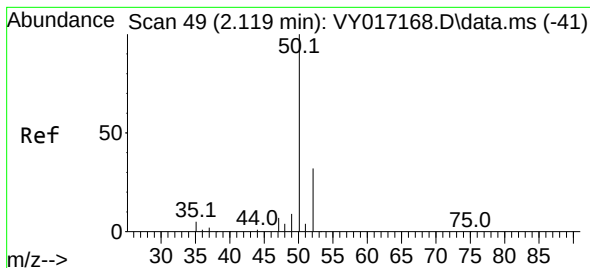
Tgt Ion:168 Resp: 109329
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.762 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 85 Resp: 16379
Ion Ratio Lower Upper
85 100
87 29.2 17.1 51.3





#3

Chloromethane

Concen: 22.089 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

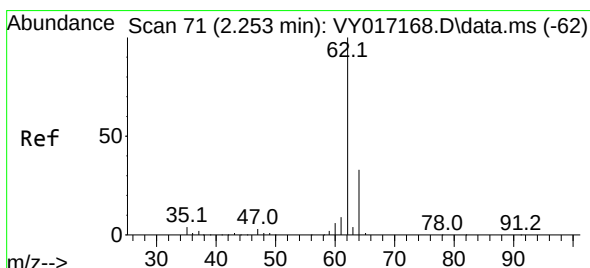
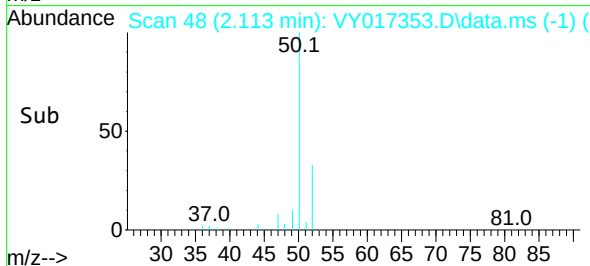
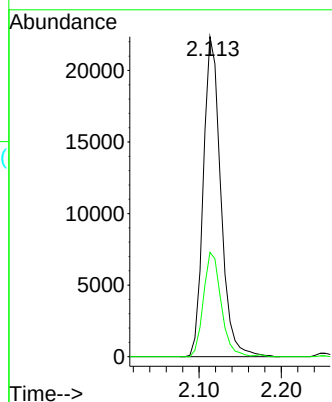
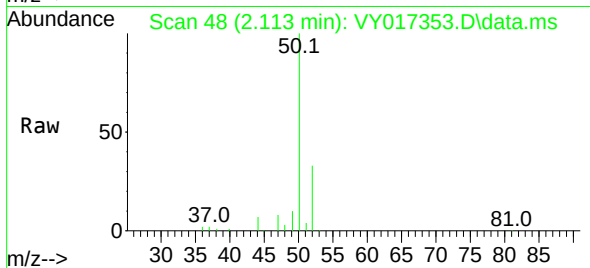
VY0212SBS01

Tgt Ion: 50 Resp: 32888

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 22.063 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017353.D

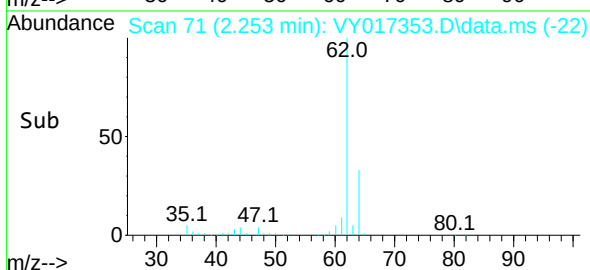
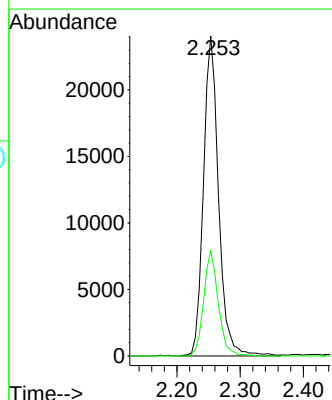
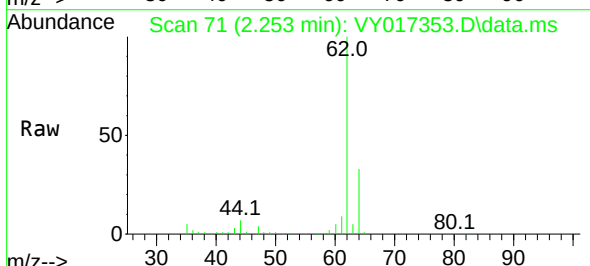
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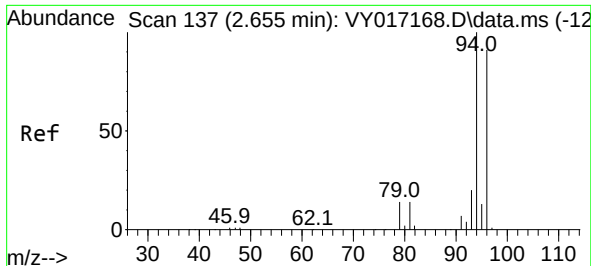
Tgt Ion: 62 Resp: 40031

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5

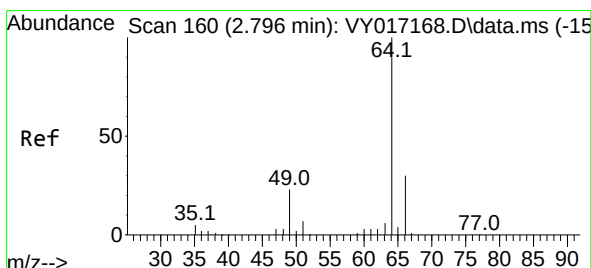
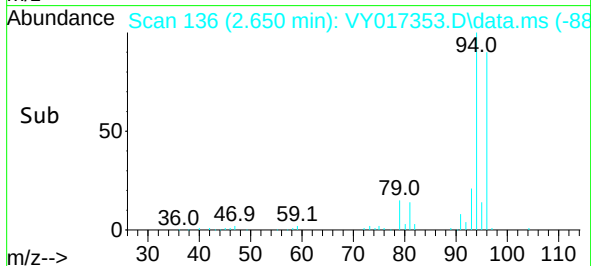
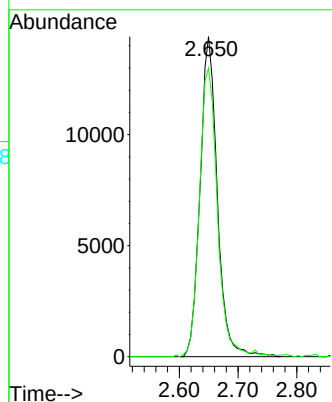
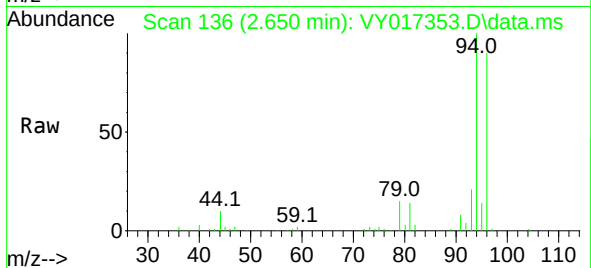




#5
Bromomethane
Concen: 23.339 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

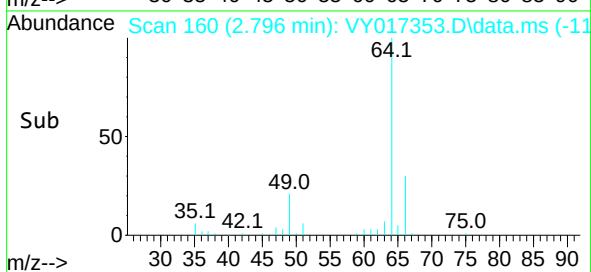
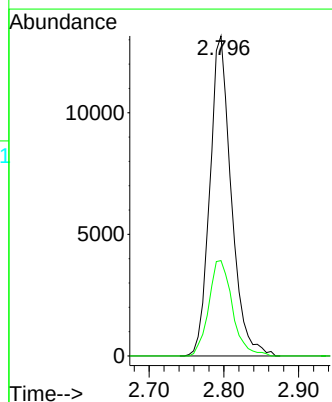
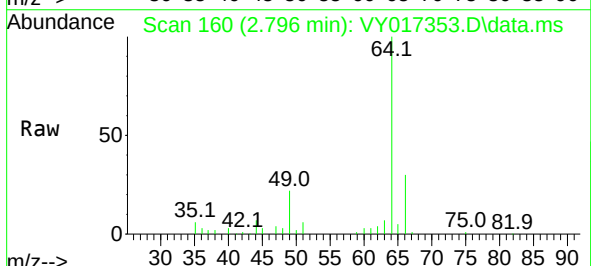
Instrument :
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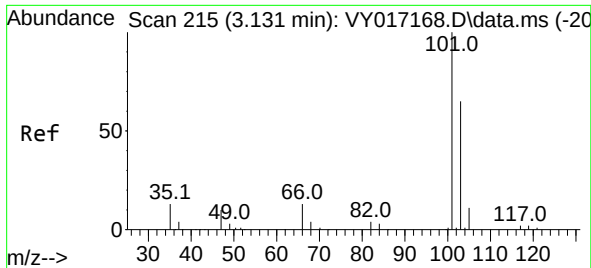
Tgt Ion: 94 Resp: 29354
Ion Ratio Lower Upper
94 100
96 90.1 77.3 115.9



#6
Chloroethane
Concen: 22.367 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 64 Resp: 26203
Ion Ratio Lower Upper
64 100
66 29.8 25.1 37.7

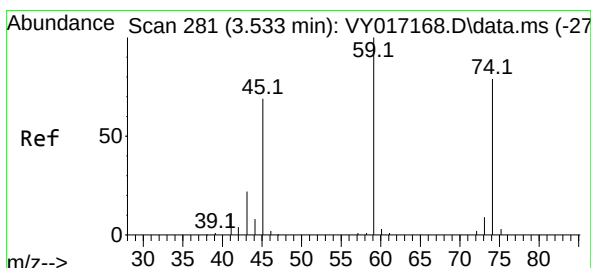
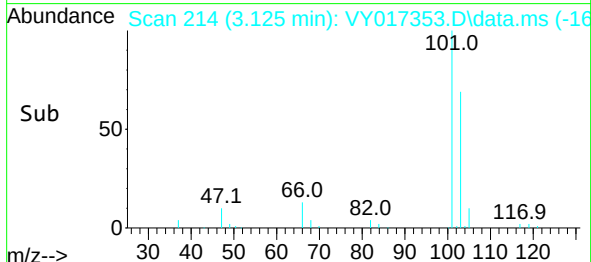
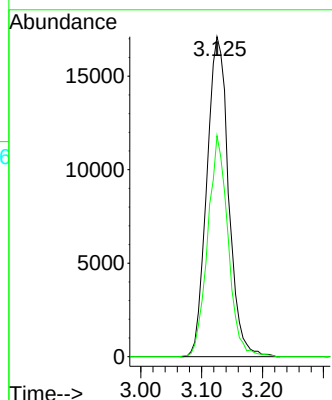
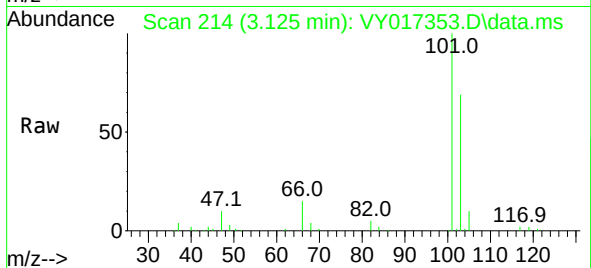




#7
 Trichlorofluoromethane
 Concen: 22.750 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY017353.D
 Acq: 12 Feb 2024 15:10

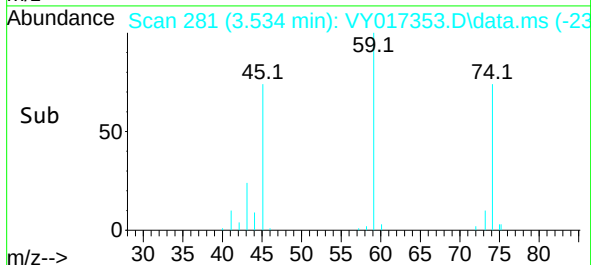
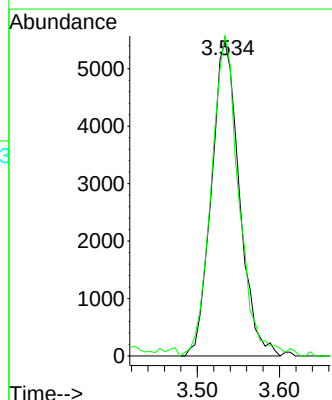
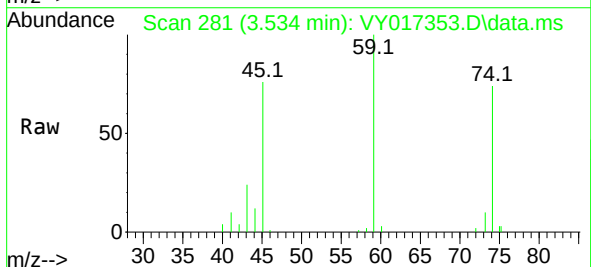
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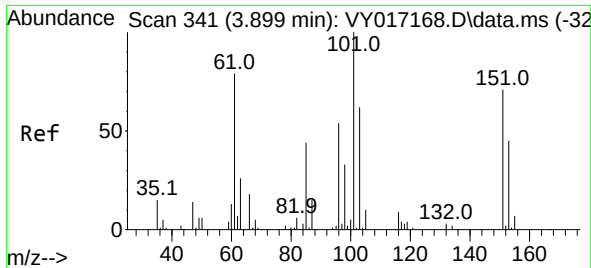
Tgt Ion:101 Resp: 42445
 Ion Ratio Lower Upper
 101 100
 103 69.1 51.9 77.9



#8
 Diethyl Ether
 Concen: 22.002 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017353.D
 Acq: 12 Feb 2024 15:10

Tgt Ion: 74 Resp: 12912
 Ion Ratio Lower Upper
 74 100
 45 101.1 47.9 143.7

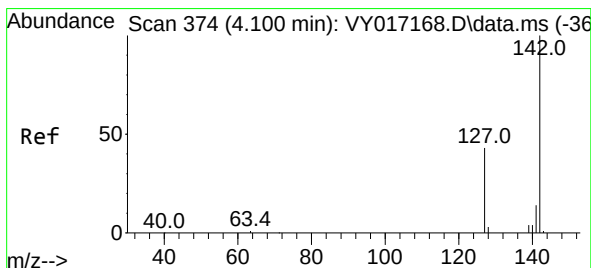
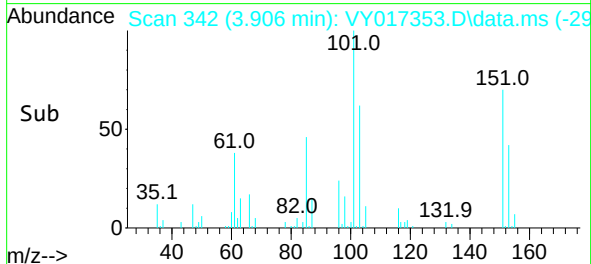
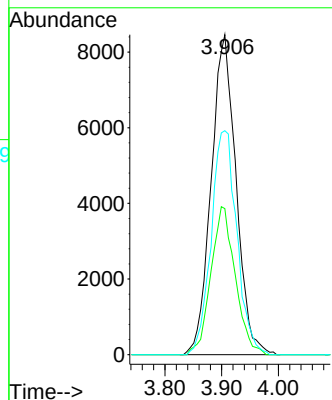
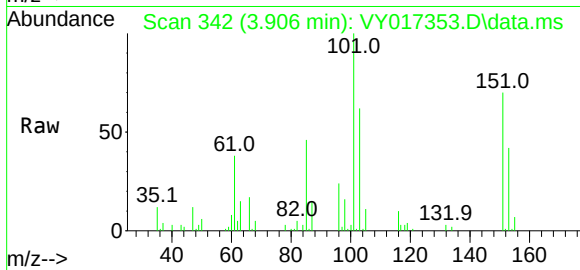




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.790 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

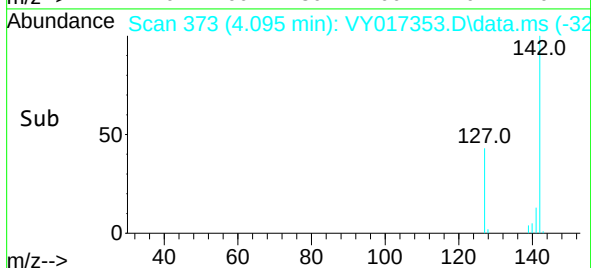
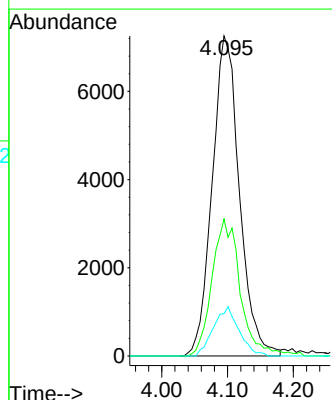
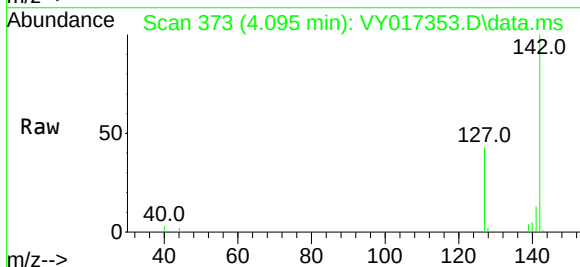
Instrument :
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ClientSampleId :
VY0212SBS01

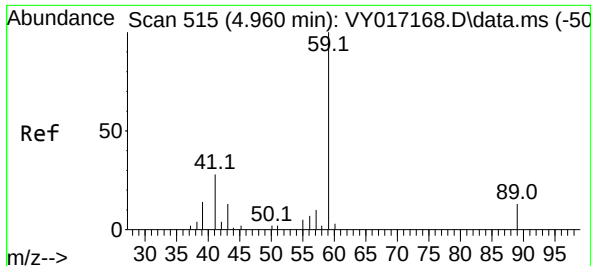
Tgt Ion:	101	Resp:	25775
Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.8	53.6
151	72.2	58.6	88.0



#10
Methyl Iodide
Concen: 17.604 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion:	142	Resp:	20931
Ion	Ratio	Lower	Upper
142	100		
127	44.4	35.1	52.7
141	14.4	11.8	17.6

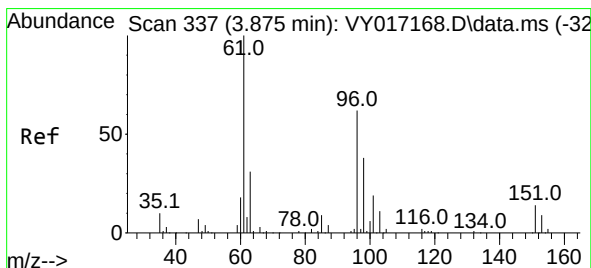
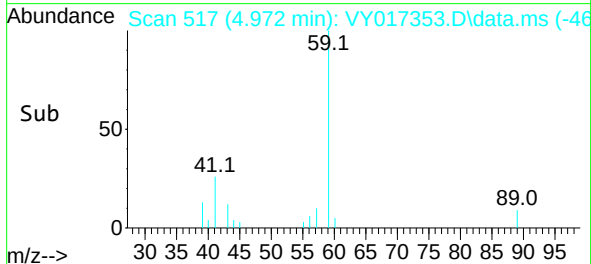
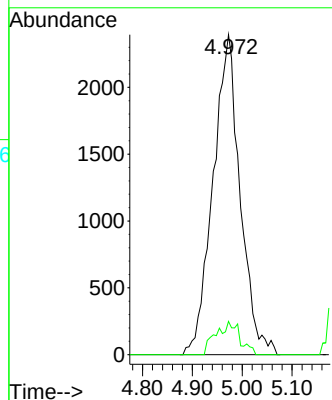
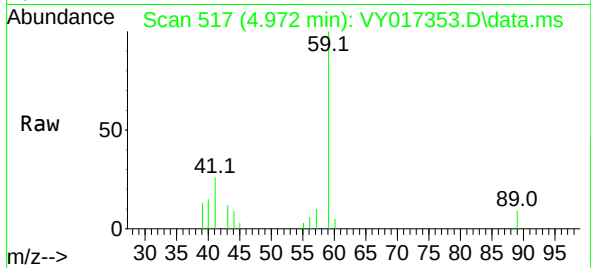




#11
Tert butyl alcohol
Concen: 100.366 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

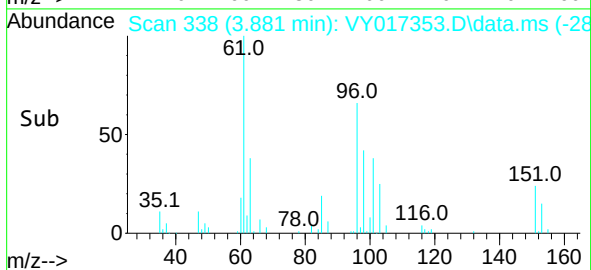
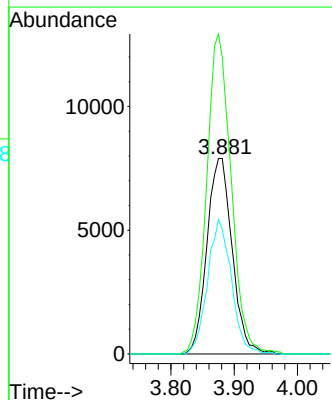
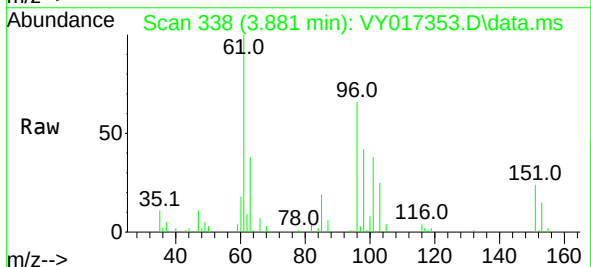
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

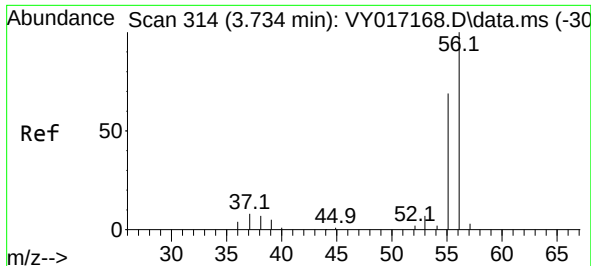
Tgt Ion: 59 Resp: 9062
Ion Ratio Lower Upper
59 100
57 8.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 20.676 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.007 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 96 Resp: 21911
Ion Ratio Lower Upper
96 100
61 151.8 124.2 186.2
98 63.6 52.6 79.0





#13

Acrolein

Concen: 83.090 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.001 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

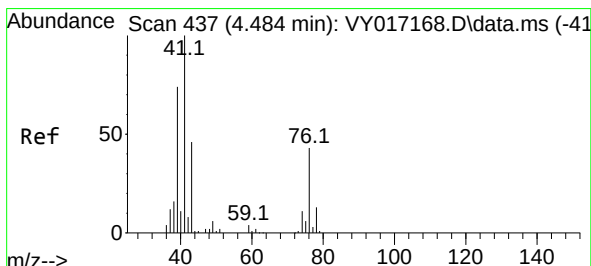
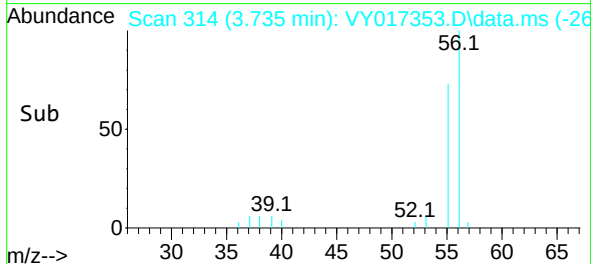
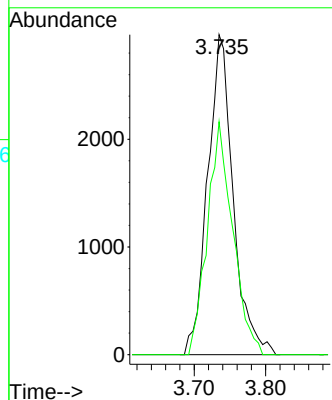
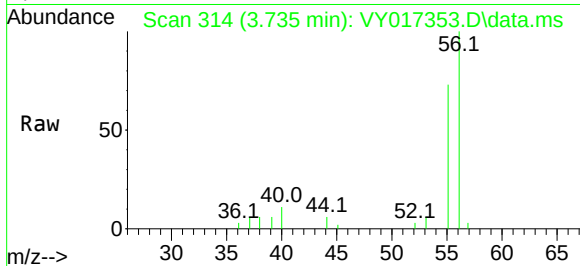
VY0212SBS01

Tgt Ion: 56 Resp: 7357

Ion Ratio Lower Upper

56 100

55 72.6 55.4 83.0



#14

Allyl chloride

Concen: 22.099 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

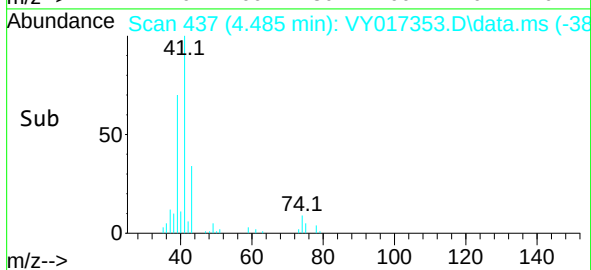
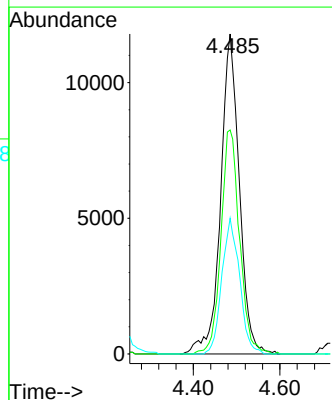
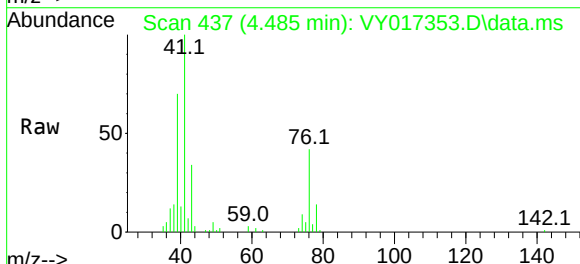
Tgt Ion: 41 Resp: 35404

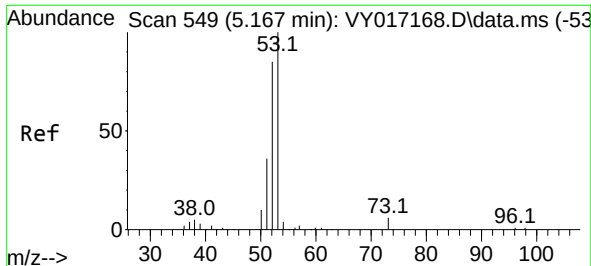
Ion Ratio Lower Upper

41 100

39 69.6 54.7 82.1

76 40.3 31.8 47.6

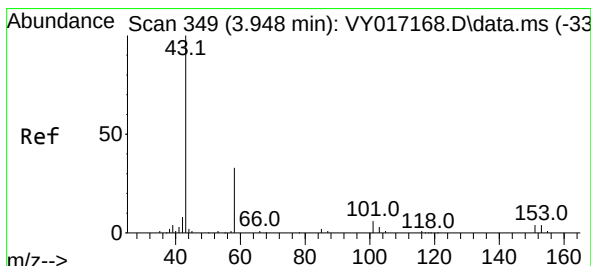
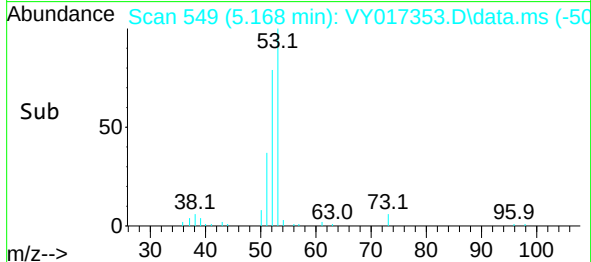
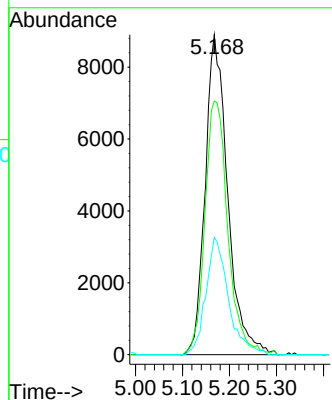
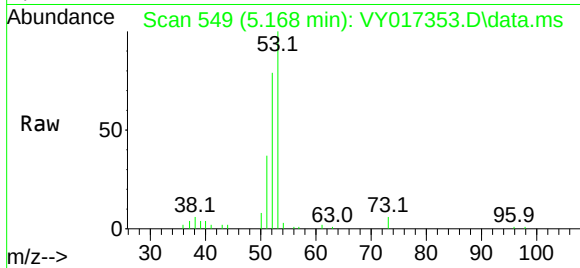




#15
Acrylonitrile
Concen: 111.944 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

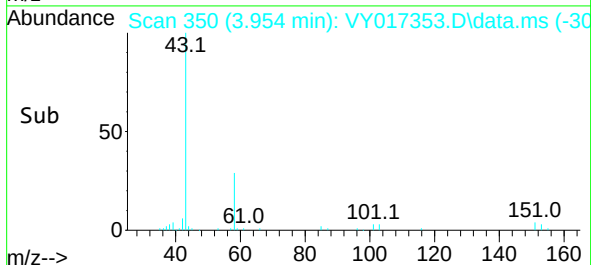
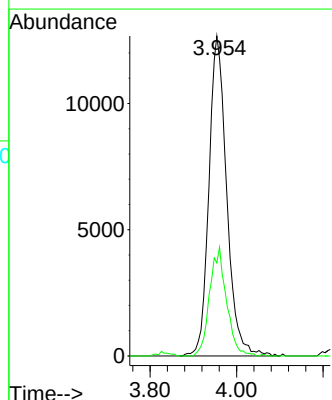
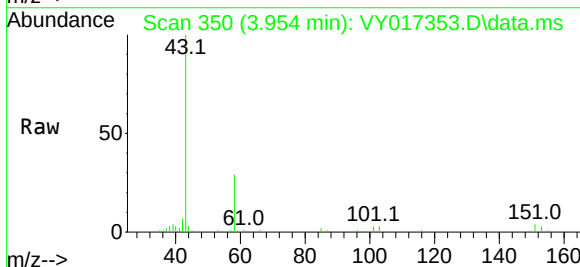
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

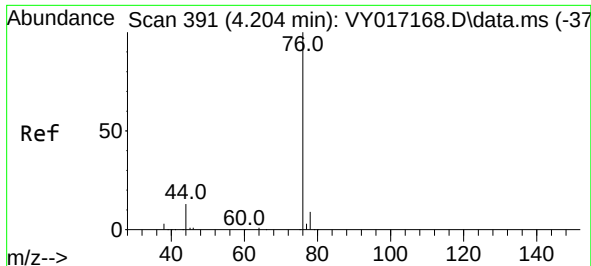
Tgt Ion: 53	Resp:	29579
Ion	Ratio	Lower Upper
53	100	
52	80.9	65.1 97.7
51	36.7	29.0 43.4



#16
Acetone
Concen: 125.831 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 43	Resp:	36121
Ion	Ratio	Lower Upper
43	100	
58	29.1	26.6 39.8





#17

Carbon Disulfide

Concen: 14.917 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

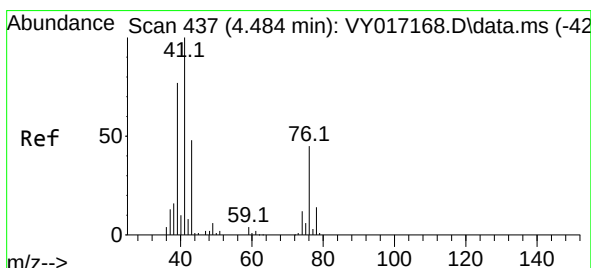
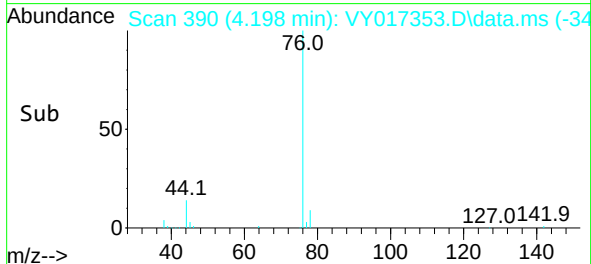
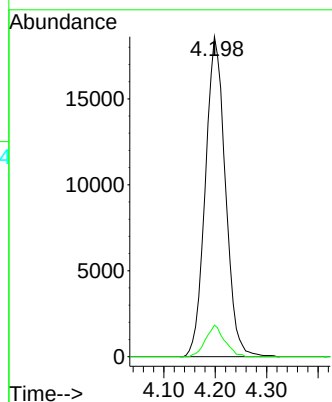
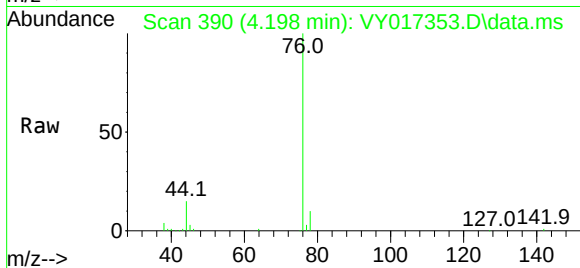
VY0212SBS01

Tgt Ion: 76 Resp: 50462

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0



#18

Methyl Acetate

Concen: 18.995 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017353.D

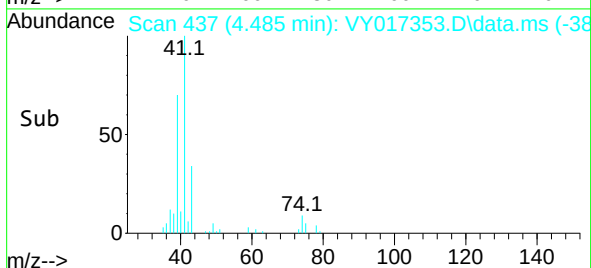
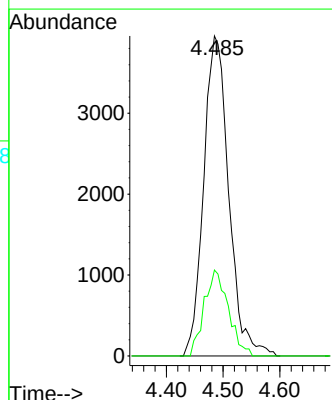
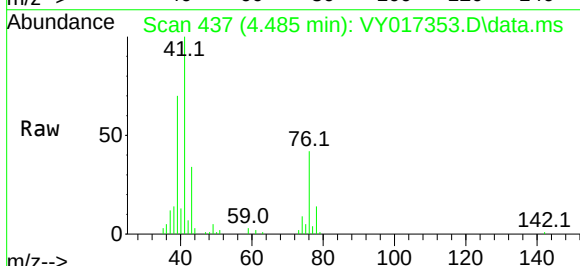
Acq: 12 Feb 2024 15:10

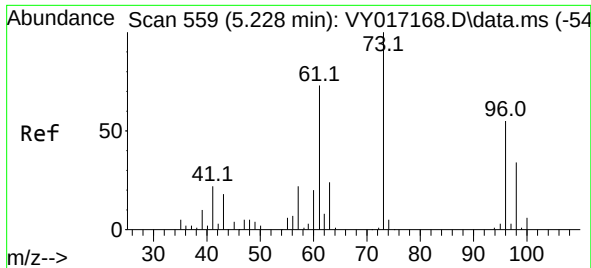
Tgt Ion: 43 Resp: 12164

Ion Ratio Lower Upper

43 100

74 25.7 19.8 29.6

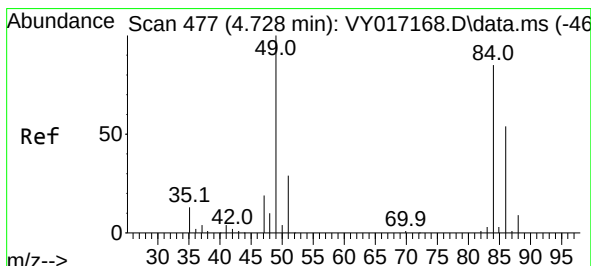
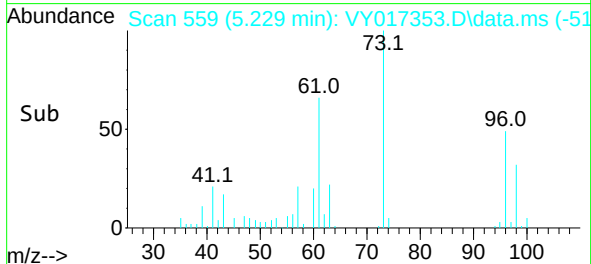
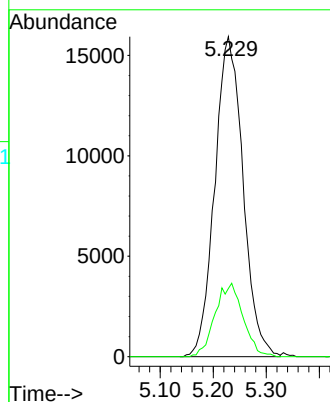
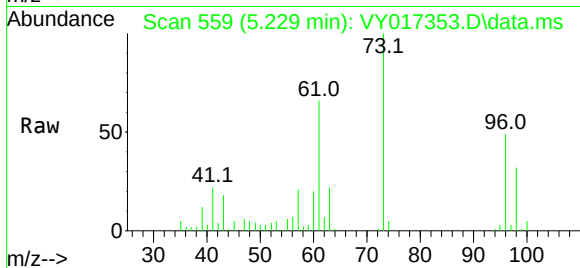




#19
Methyl tert-butyl Ether
Concen: 23.078 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

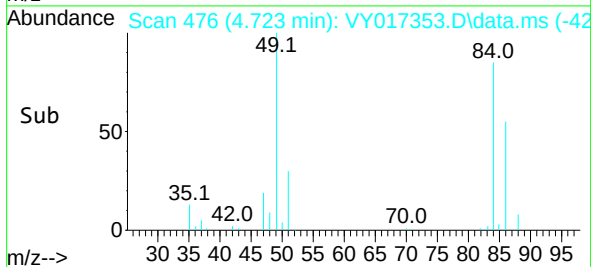
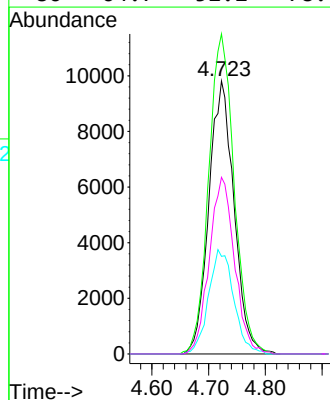
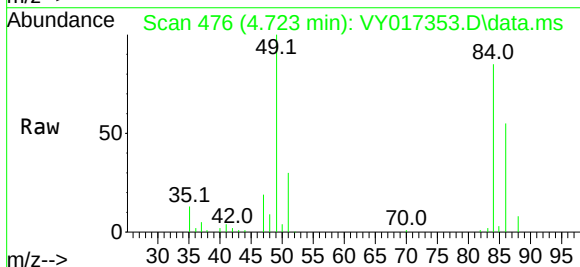
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

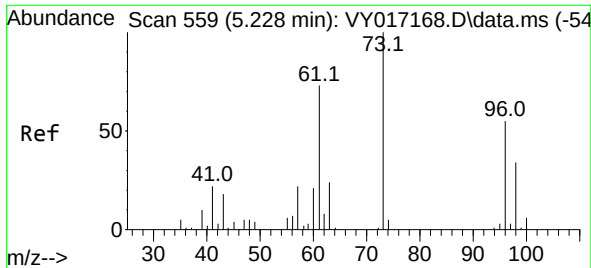
Tgt Ion: 73 Resp: 58901
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 23.866 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

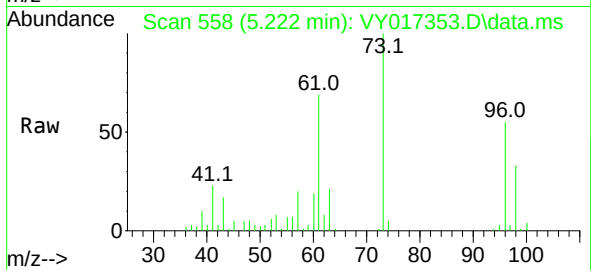
Tgt Ion: 84 Resp: 30212
Ion Ratio Lower Upper
84 100
49 117.2 95.2 142.8
51 35.8 29.9 44.9
86 64.7 52.2 78.4





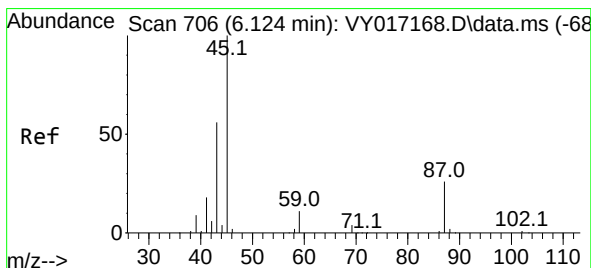
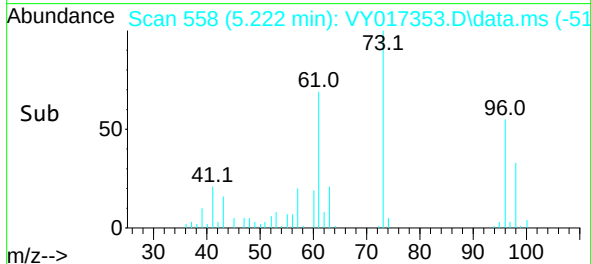
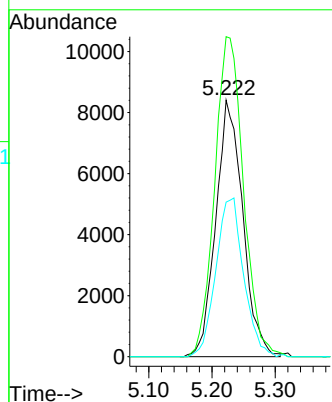
#21
trans-1,2-Dichloroethene
Concen: 20.633 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01



Tgt Ion: 96 Resp: 24875

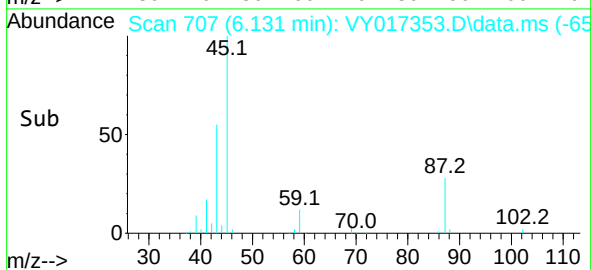
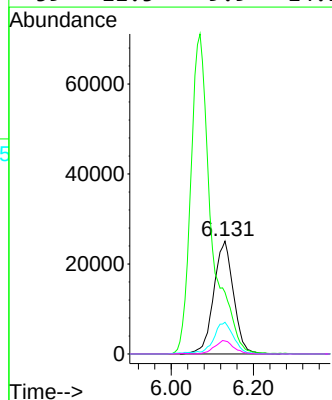
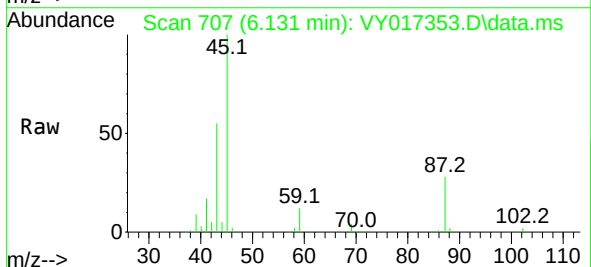
Ion	Ratio	Lower	Upper
96	100		
61	124.7	104.6	156.8
98	60.3	50.9	76.3

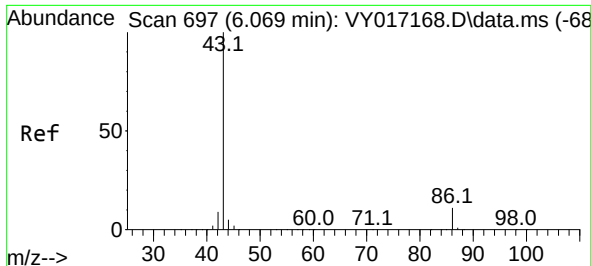


#22
Diisopropyl ether
Concen: 23.833 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.007 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 45 Resp: 83852

Ion	Ratio	Lower	Upper
45	100		
43	53.9	46.8	70.2
87	28.1	22.2	33.2
59	11.5	9.9	14.9

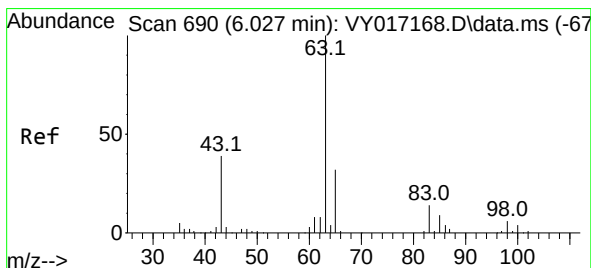
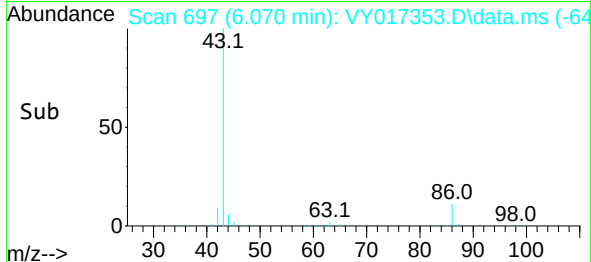
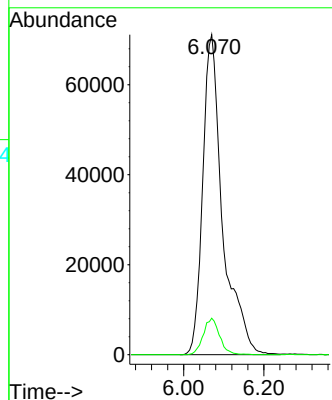
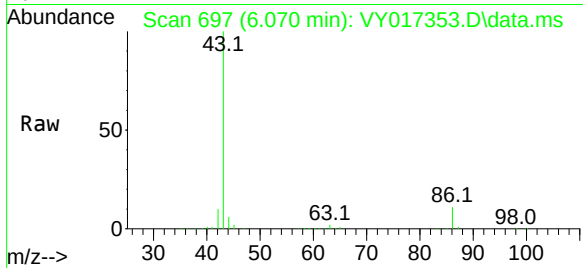




#23
 Vinyl Acetate
 Concen: 115.129 ug/l
 RT: 6.070 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY017353.D
 Acq: 12 Feb 2024 15:10

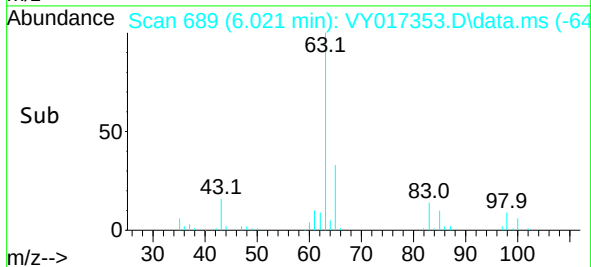
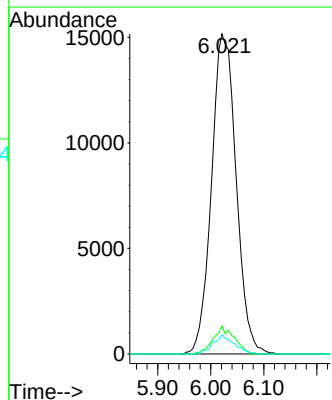
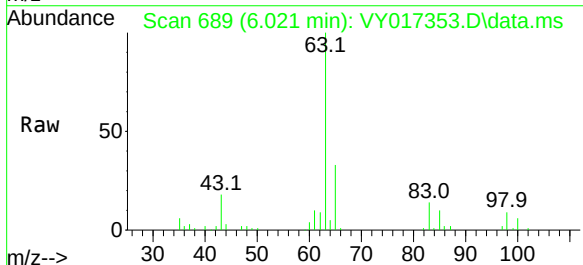
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0212SBS01

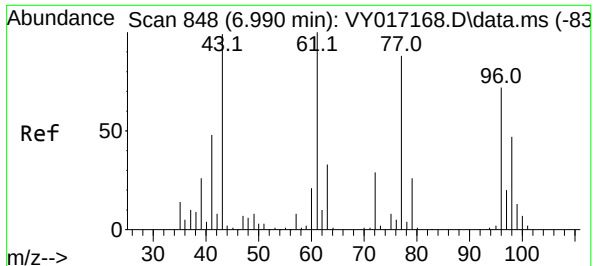
Tgt Ion: 43 Resp: 245430
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.687 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY017353.D
 Acq: 12 Feb 2024 15:10

Tgt Ion: 63 Resp: 48896
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.8 11.4
 100 6.0 2.1 6.2

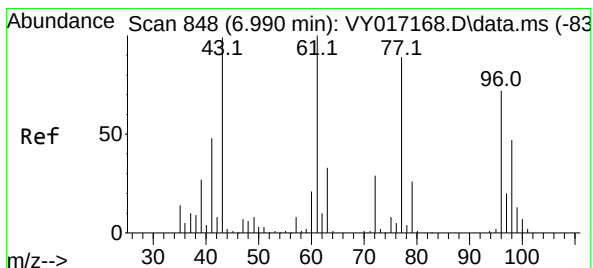
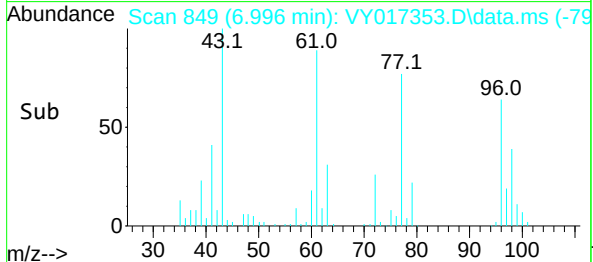
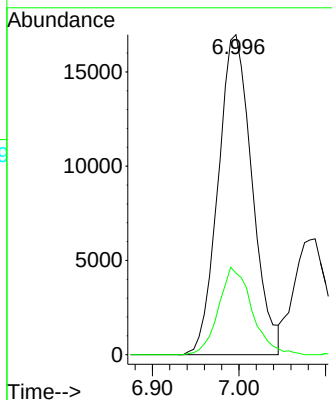
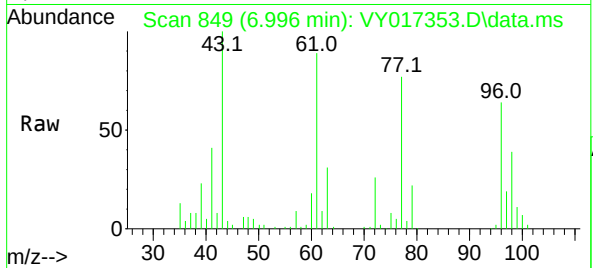




#25
2-Butanone
Concen: 121.027 ug/l
RT: 6.996 min Scan# 847
Delta R.T. 0.007 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

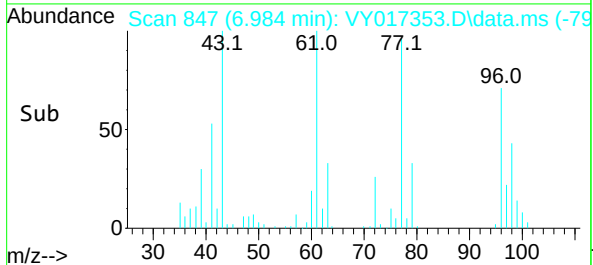
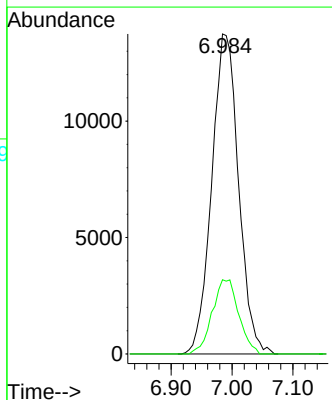
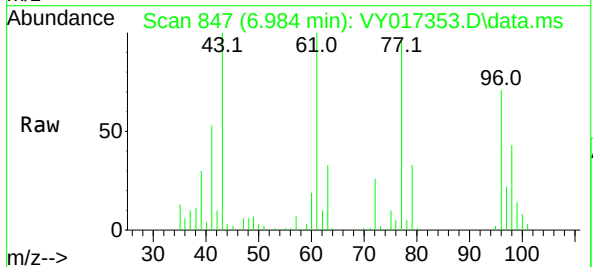
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

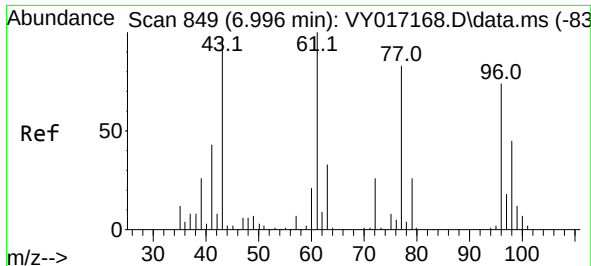
Tgt Ion: 43 Resp: 46185
Ion Ratio Lower Upper
43 100
72 25.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 23.428 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 77 Resp: 41999
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 22.619 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

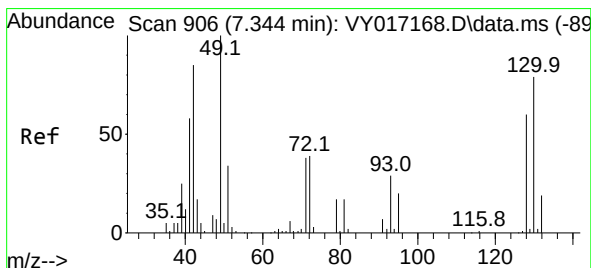
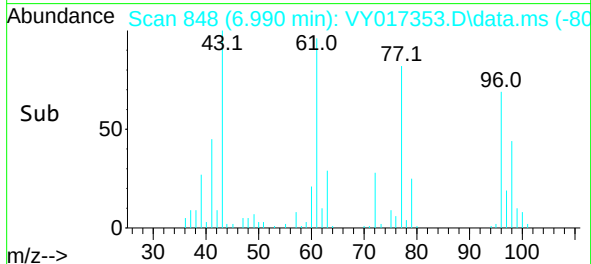
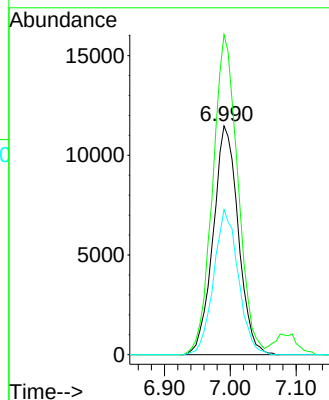
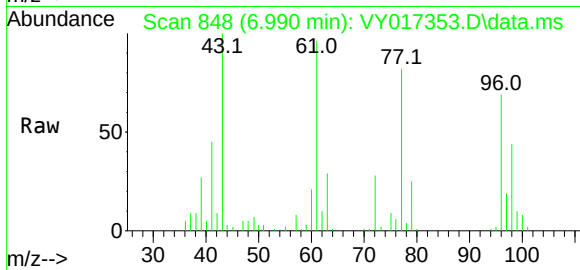
Tgt Ion: 96 Resp: 30499

Ion Ratio Lower Upper

96 100

61 140.1 0.0 278.8

98 62.1 0.0 127.0



#28

Bromochloromethane

Concen: 21.946 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

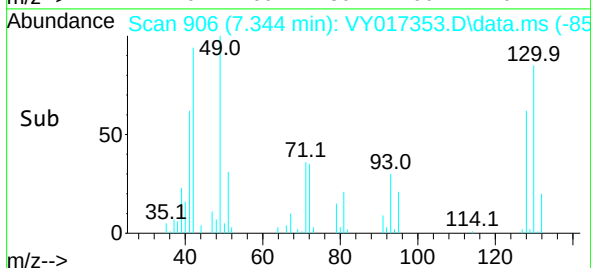
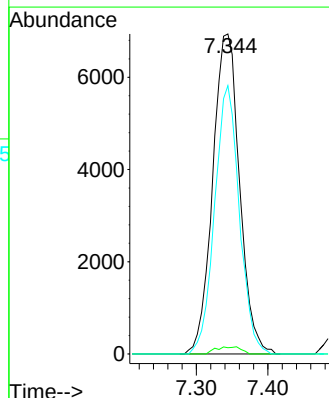
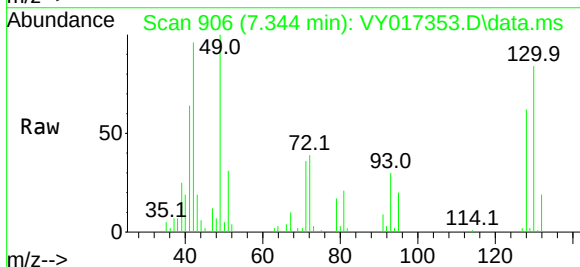
Tgt Ion: 49 Resp: 18111

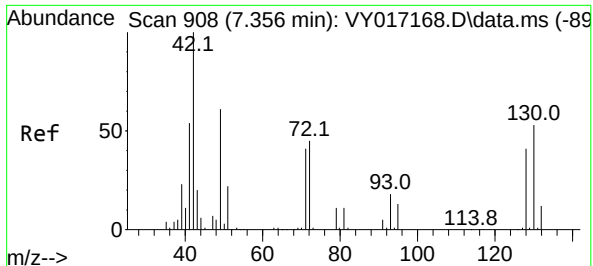
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 77.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 110.141 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

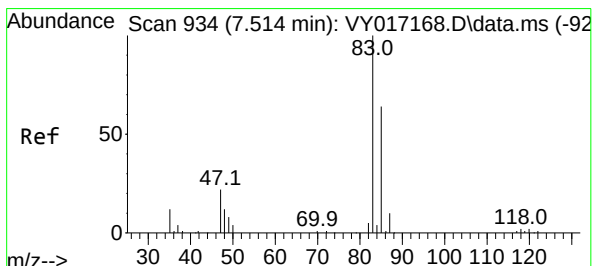
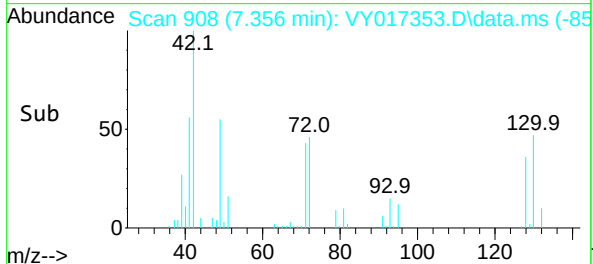
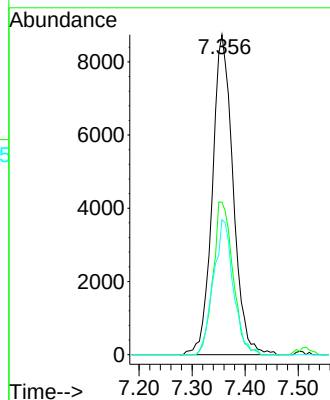
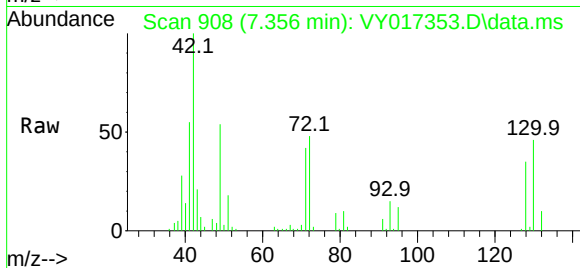
Tgt Ion: 42 Resp: 23743

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

71 40.5 33.8 50.6



#30

Chloroform

Concen: 23.849 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017353.D

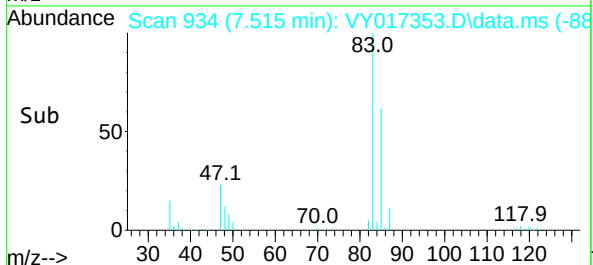
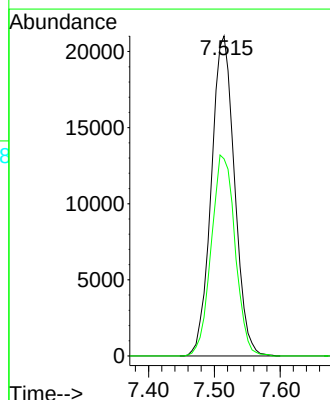
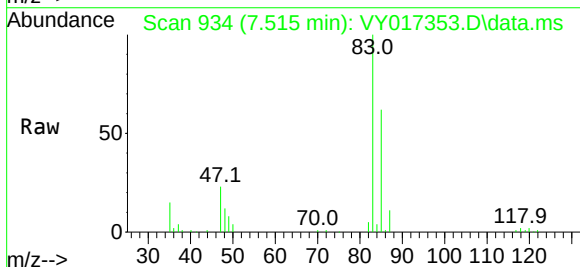
Acq: 12 Feb 2024 15:10

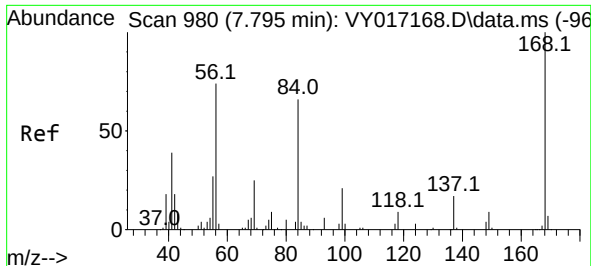
Tgt Ion: 83 Resp: 51707

Ion Ratio Lower Upper

83 100

85 61.6 51.2 76.8

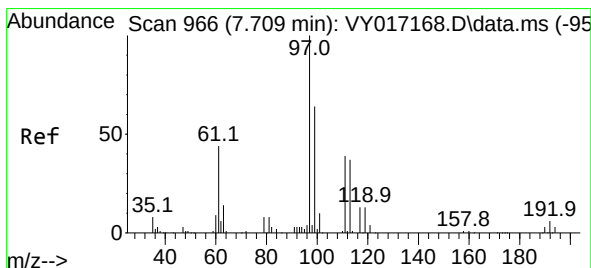
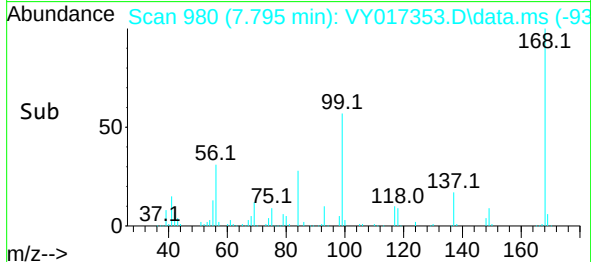
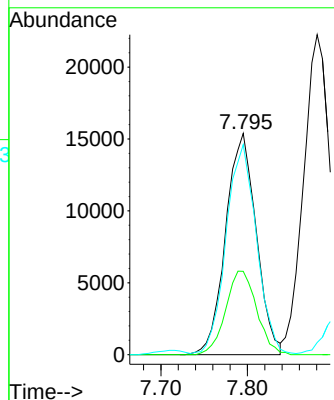
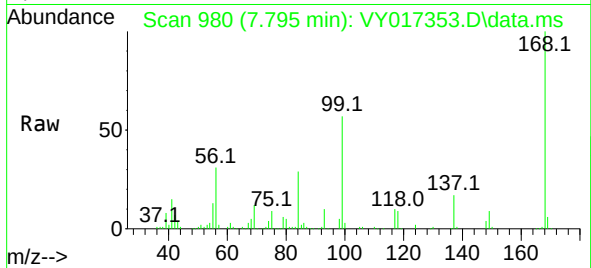




#31
Cyclohexane
Concen: 19.181 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

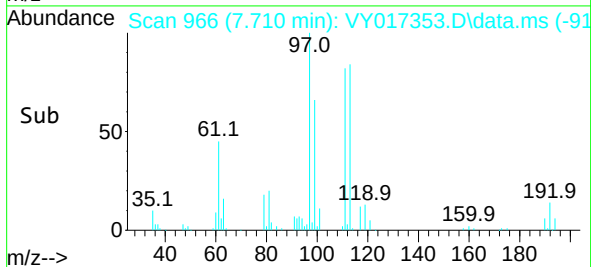
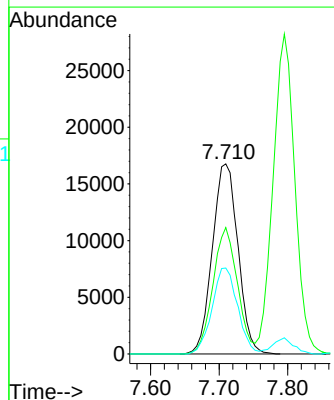
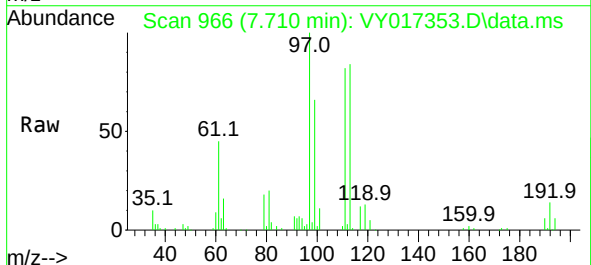
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

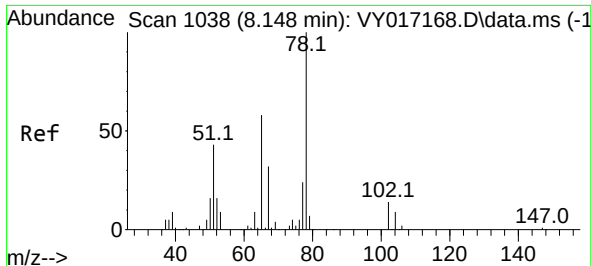
Tgt Ion: 56 Resp: 37760
Ion Ratio Lower Upper
56 100
69 37.7 27.0 40.6
84 93.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 23.317 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 97 Resp: 43484
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 45.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 49.963 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

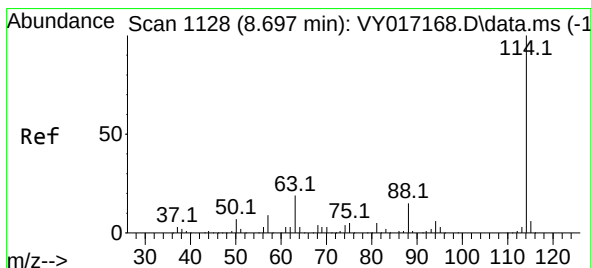
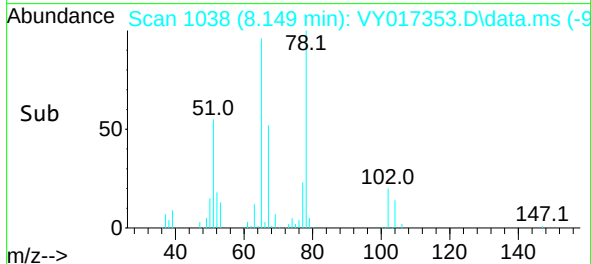
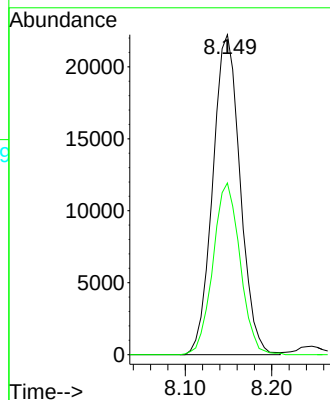
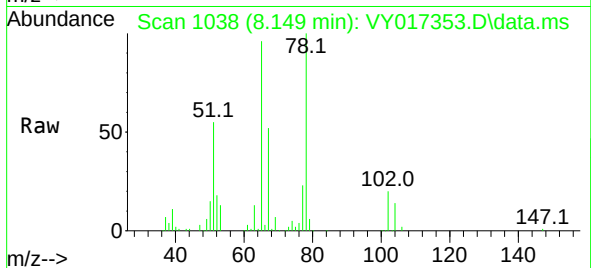
VY0212SBS01

Tgt Ion: 65 Resp: 48798

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

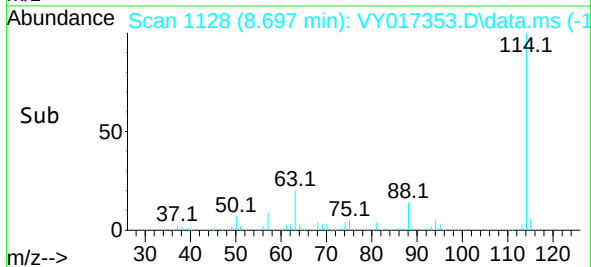
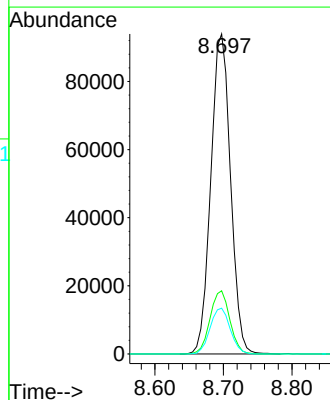
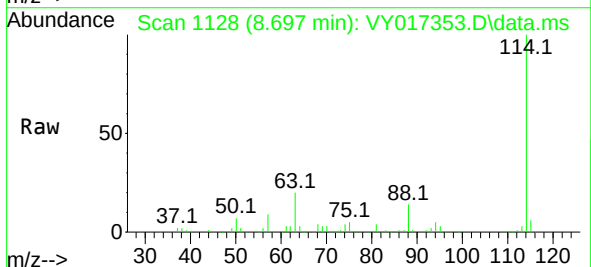
Tgt Ion: 114 Resp: 187389

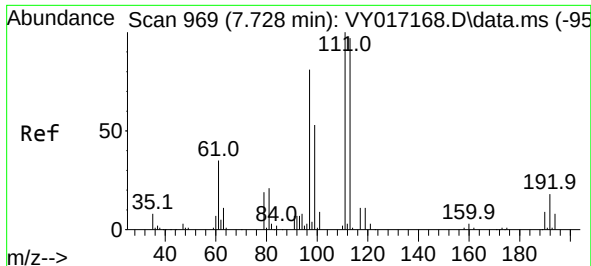
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.3 0.0 29.0

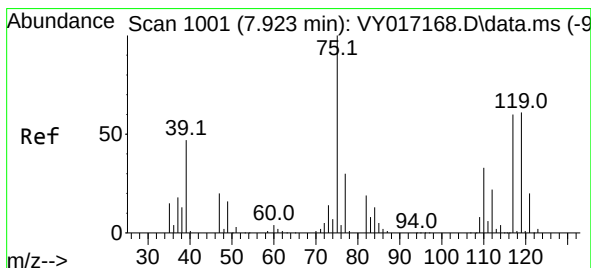
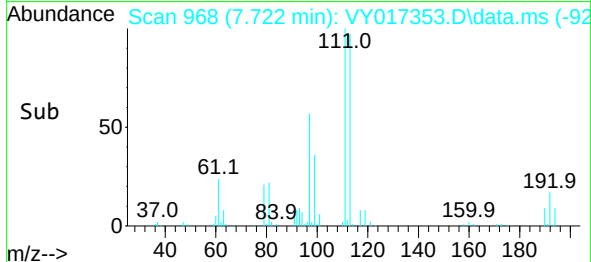
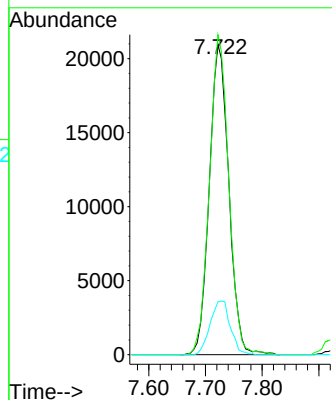
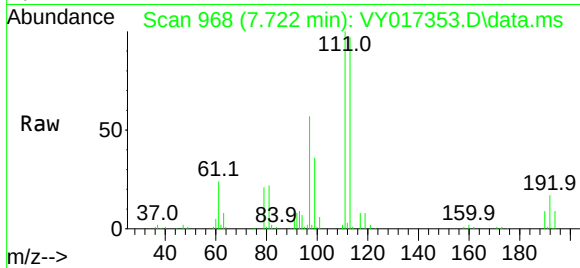




#35
Dibromofluoromethane
Concen: 49.442 ug/l
RT: 7.722 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

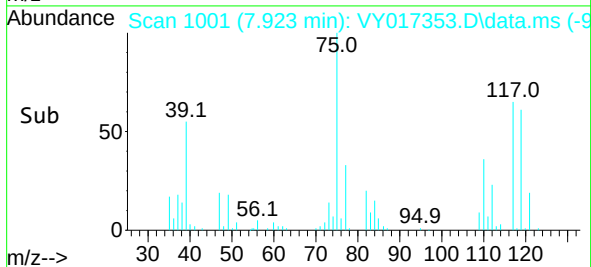
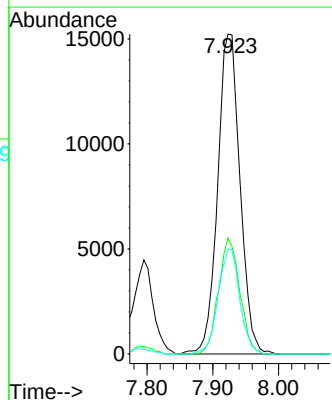
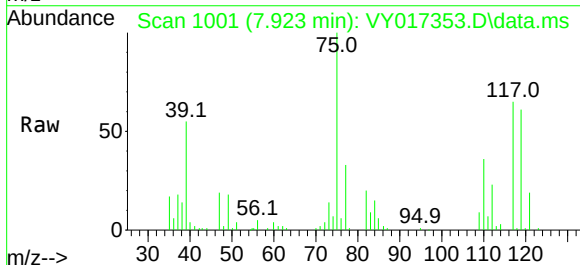
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

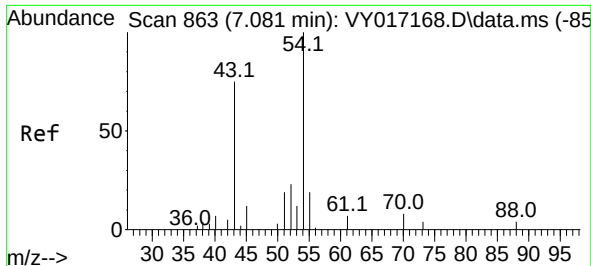
Tgt Ion:113 Resp: 50025
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.646 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 75 Resp: 36033
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 21.304 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

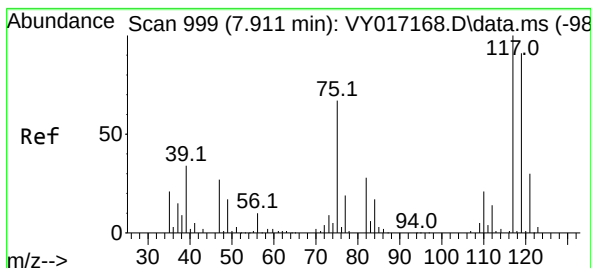
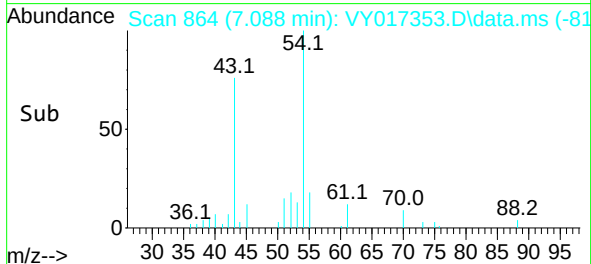
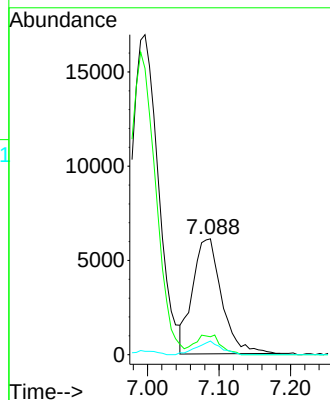
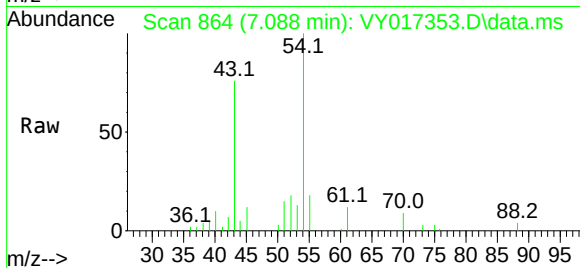
Tgt Ion: 43 Resp: 17245

Ion Ratio Lower Upper

43 100

61 15.2 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 22.058 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

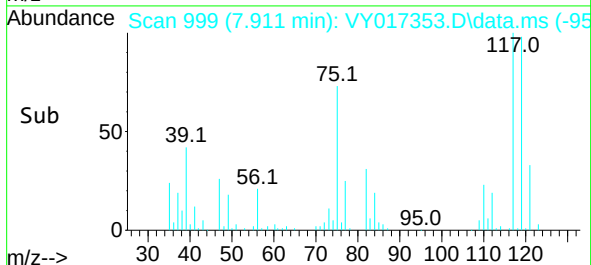
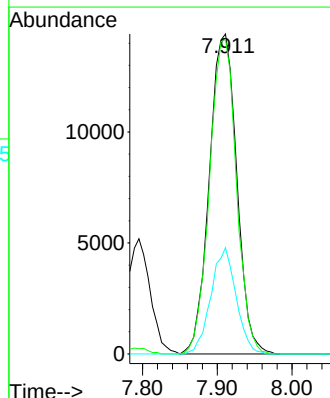
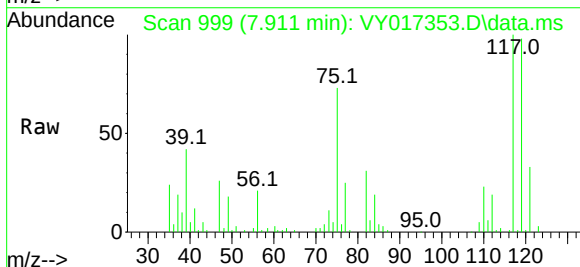
Tgt Ion: 117 Resp: 36859

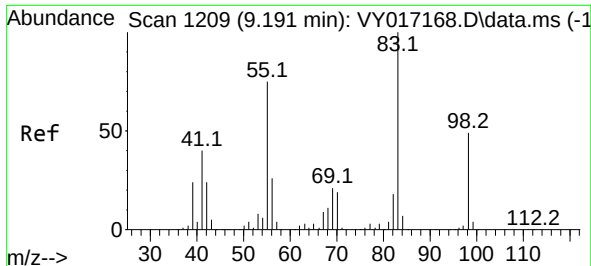
Ion Ratio Lower Upper

117 100

119 98.3 76.0 114.0

121 33.2 24.2 36.2





#39

Methylcyclohexane

Concen: 19.100 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

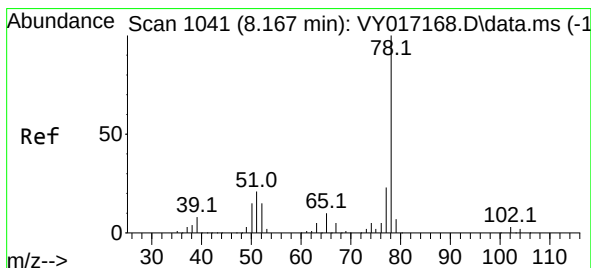
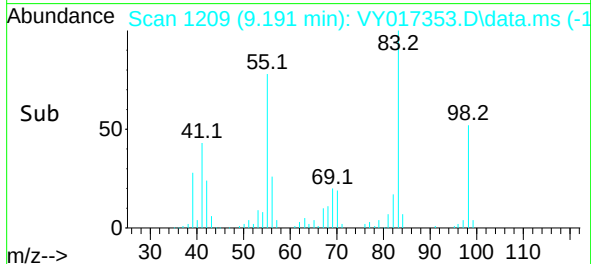
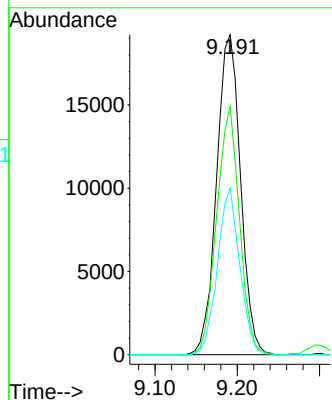
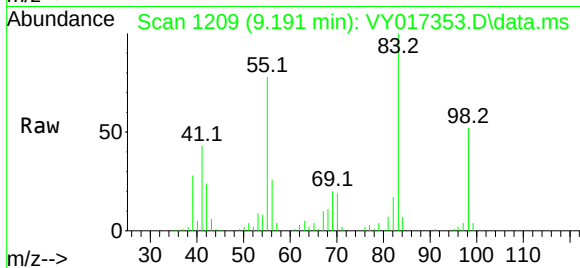
Tgt Ion: 83 Resp: 38943

Ion Ratio Lower Upper

83 100

55 77.5 59.7 89.5

98 52.1 38.0 57.0



#40

Benzene

Concen: 21.882 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017353.D

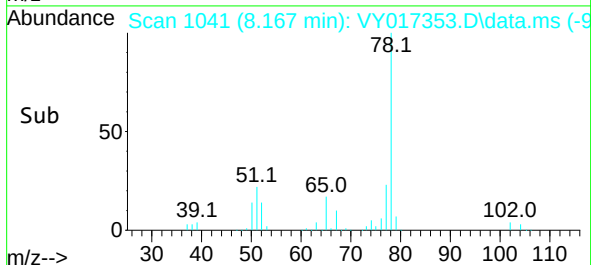
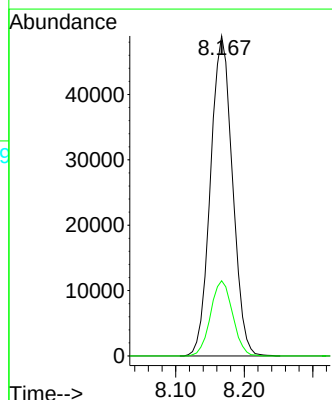
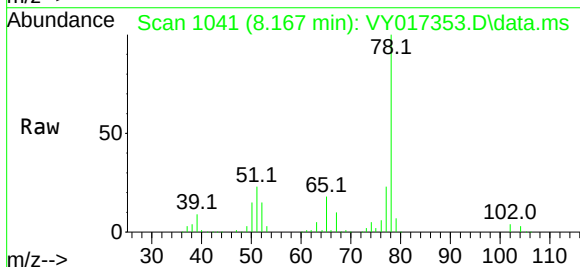
Acq: 12 Feb 2024 15:10

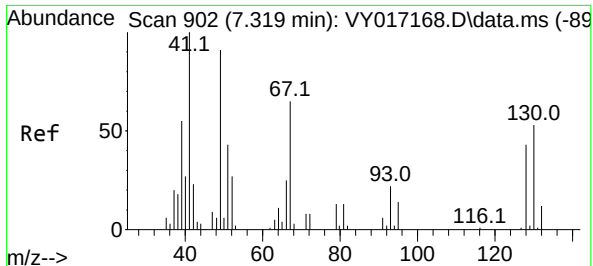
Tgt Ion: 78 Resp: 109060

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

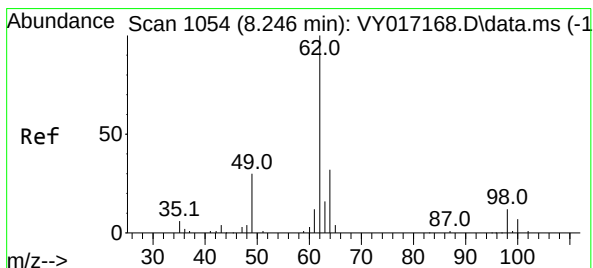
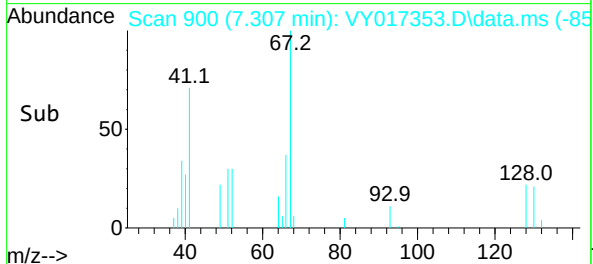
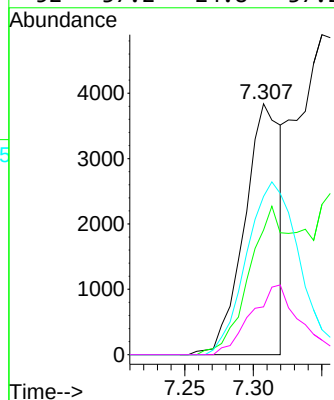
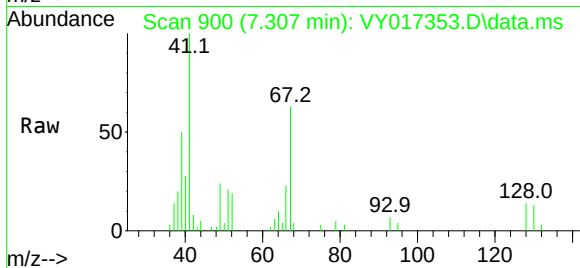




#41
Methacrylonitrile
Concen: 18.385 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

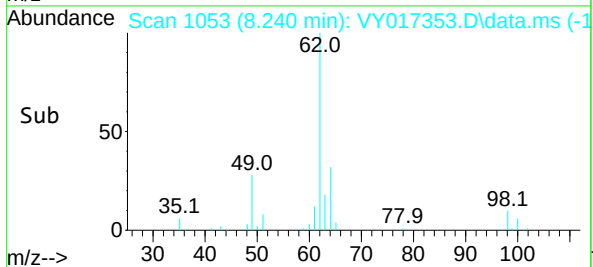
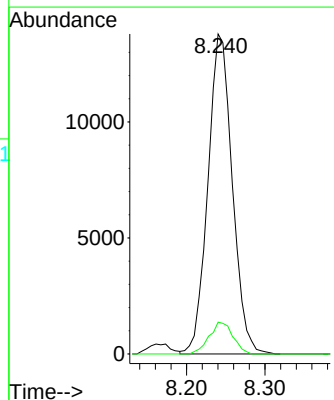
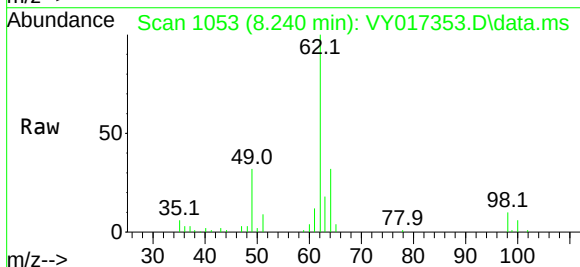
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

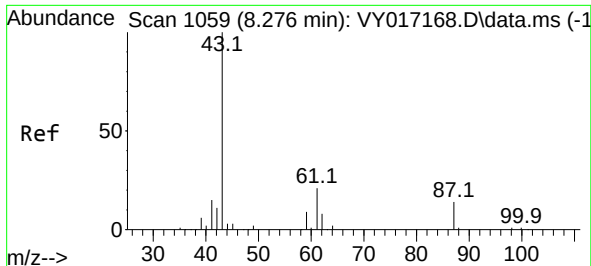
Tgt Ion: 41	Resp: 7051
Ion Ratio	Lower Upper
41 100	
39 71.9	41.9 62.9#
67 101.0	59.8 89.6#
52 37.2	24.8 37.2



#42
1,2-Dichloroethane
Concen: 22.614 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 62	Resp: 29841
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 20.2





#43

Isopropyl Acetate

Concen: 22.966 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.007 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

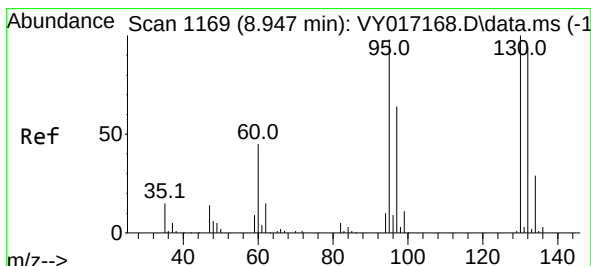
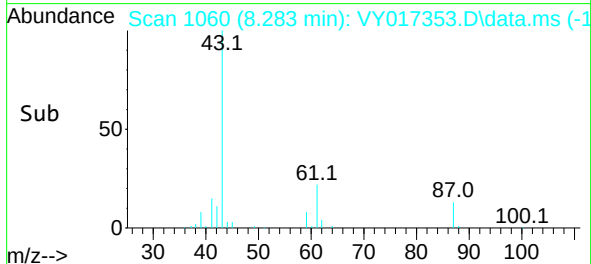
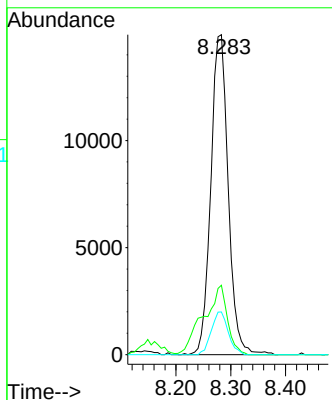
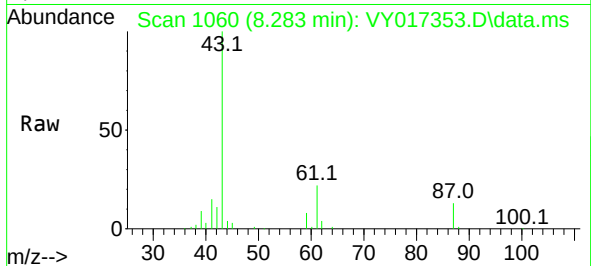
Tgt Ion: 43 Resp: 32909

Ion Ratio Lower Upper

43 100

61 30.0 24.8 37.2

87 13.0 10.7 16.1



#44

Trichloroethene

Concen: 21.903 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY017353.D

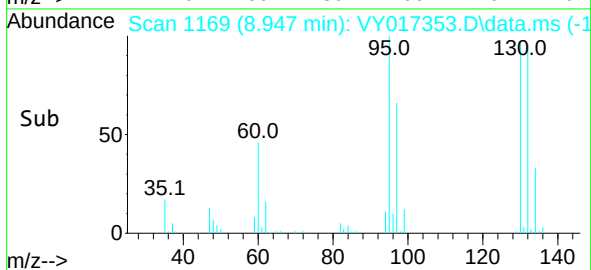
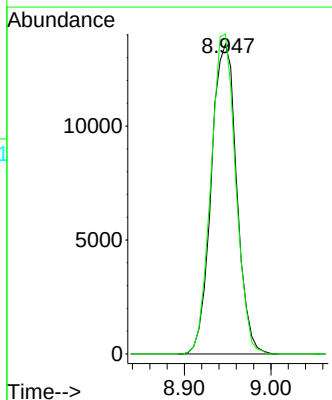
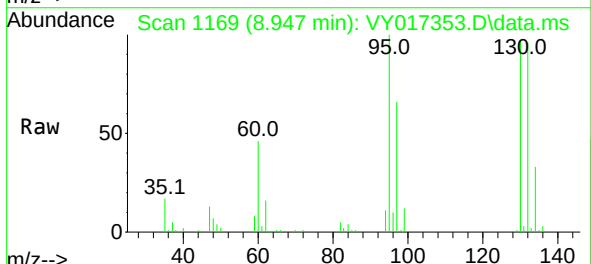
Acq: 12 Feb 2024 15:10

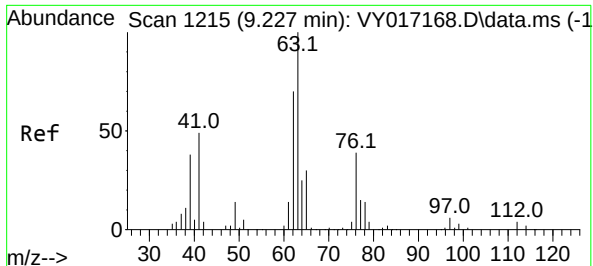
Tgt Ion:130 Resp: 27710

Ion Ratio Lower Upper

130 100

95 103.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 22.871 ug/l

RT: 9.222 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

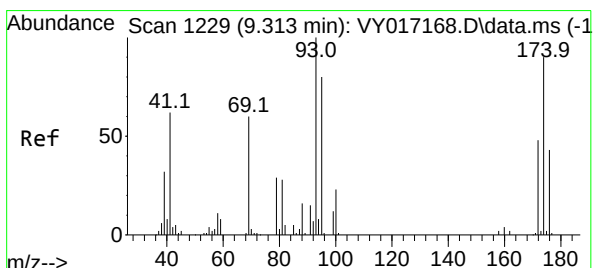
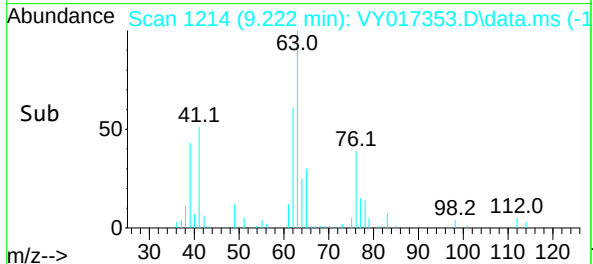
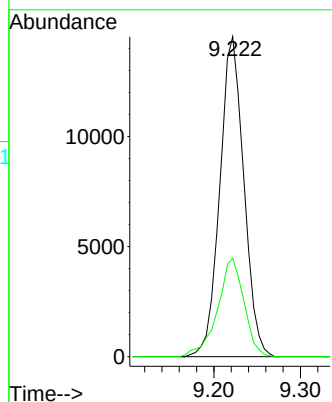
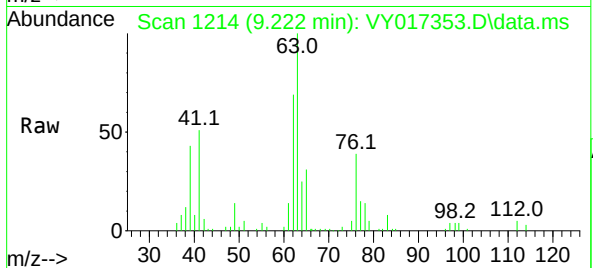
VY0212SBS01

Tgt Ion: 63 Resp: 27998

Ion Ratio Lower Upper

63 100

65 30.8 24.6 36.8



#46

Dibromomethane

Concen: 22.251 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

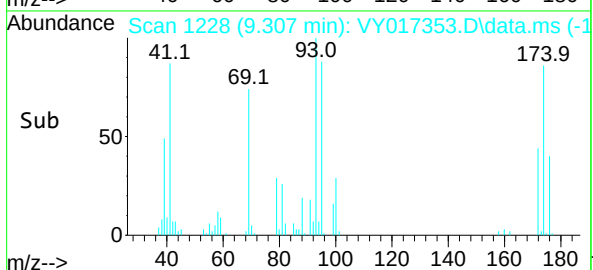
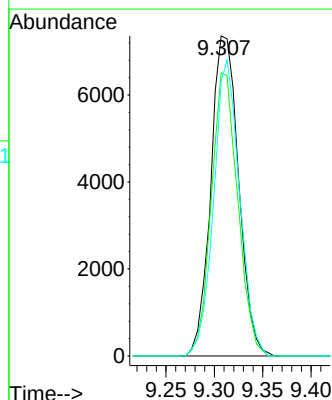
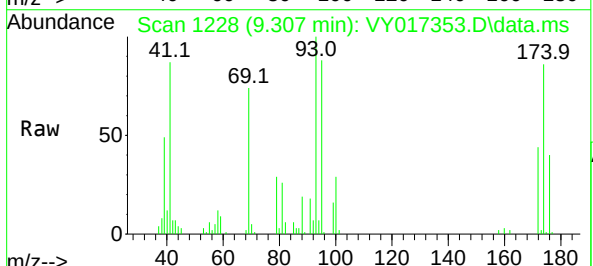
Tgt Ion: 93 Resp: 14714

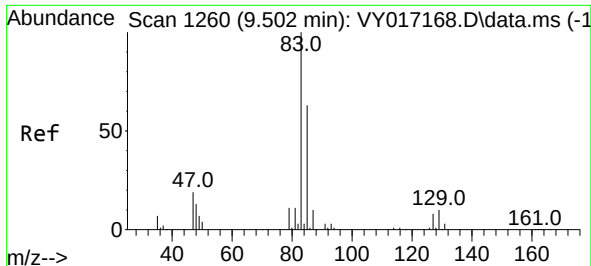
Ion Ratio Lower Upper

93 100

95 84.3 66.6 99.8

174 86.4 73.8 110.6





#47

Bromodichloromethane

Concen: 23.403 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

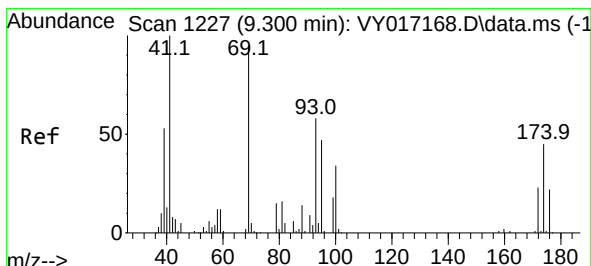
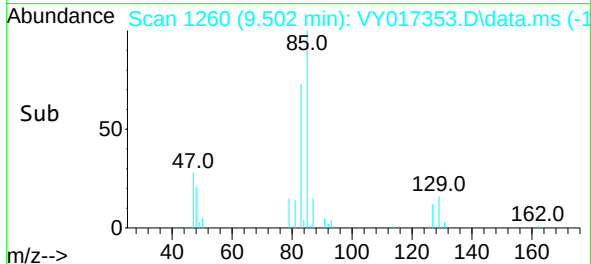
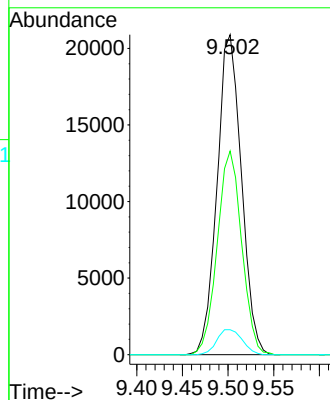
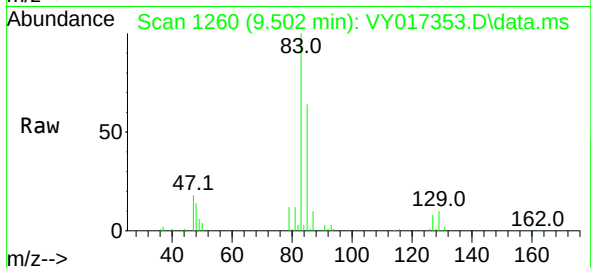
Tgt Ion: 83 Resp: 38730

Ion Ratio Lower Upper

83 100

85 63.7 53.2 79.8

127 7.8 6.4 9.6



#48

Methyl methacrylate

Concen: 21.572 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

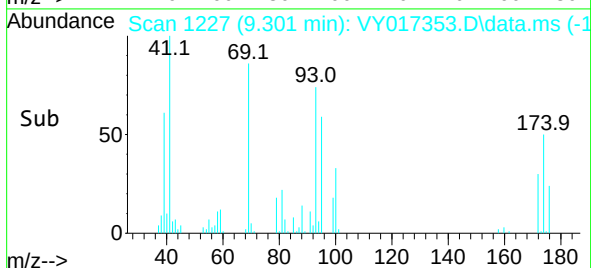
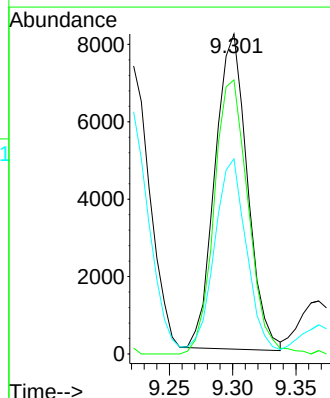
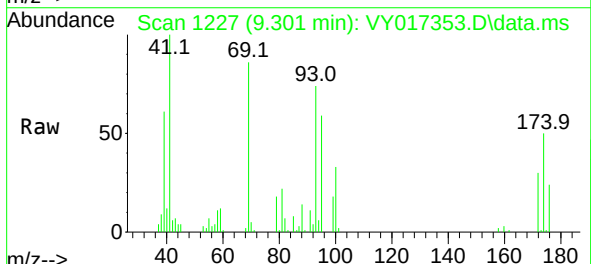
Tgt Ion: 41 Resp: 14499

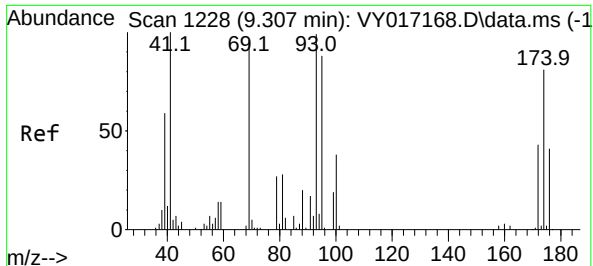
Ion Ratio Lower Upper

41 100

69 91.2 72.1 108.1

39 58.7 42.8 64.2





#49

1,4-Dioxane

Concen: 457.091 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

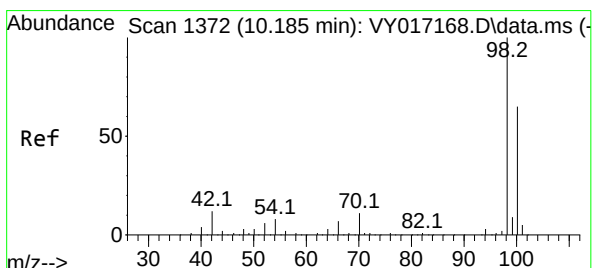
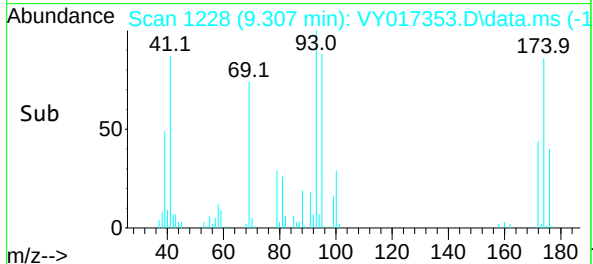
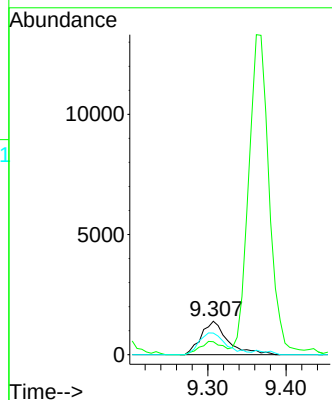
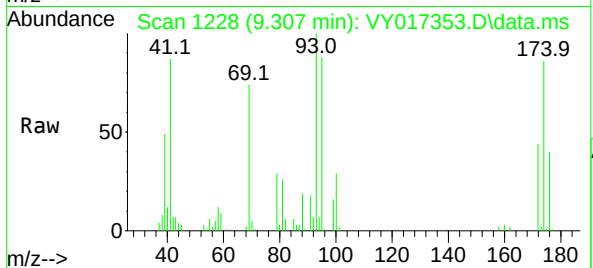
Tgt Ion: 88 Resp: 3290

Ion Ratio Lower Upper

88 100

43 33.8 28.2 42.4

58 66.3 52.2 78.2



#50

Toluene-d8

Concen: 50.173 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017353.D

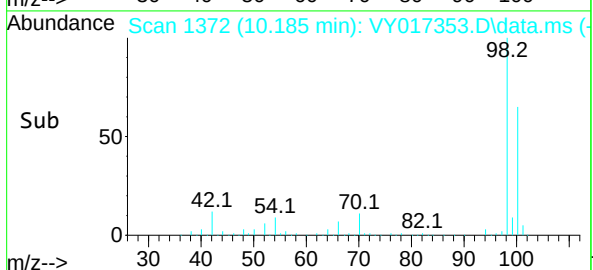
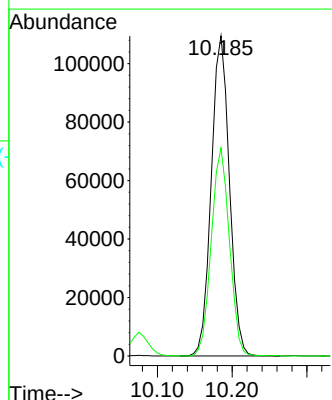
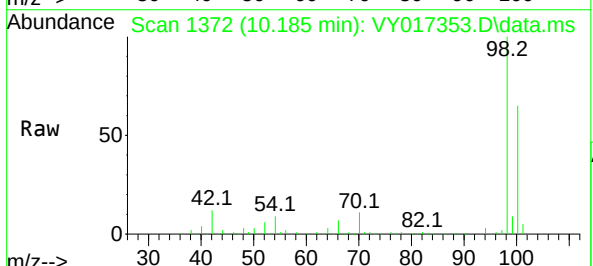
Acq: 12 Feb 2024 15:10

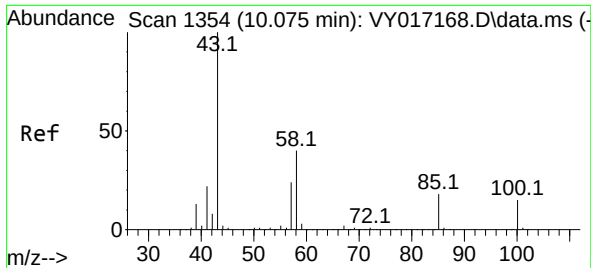
Tgt Ion: 98 Resp: 184828

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

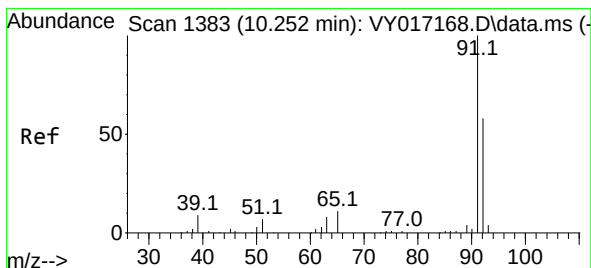
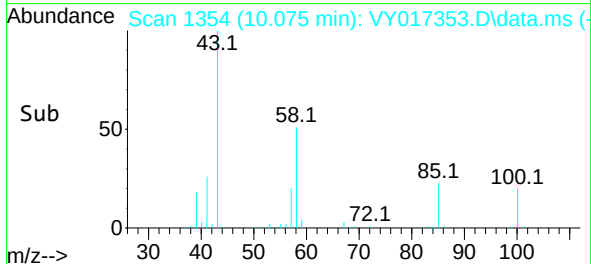
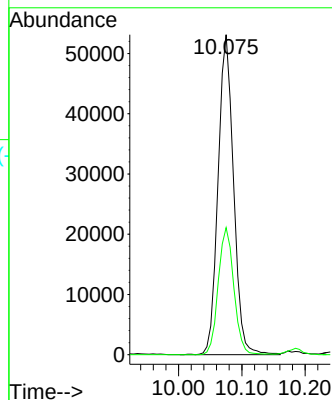
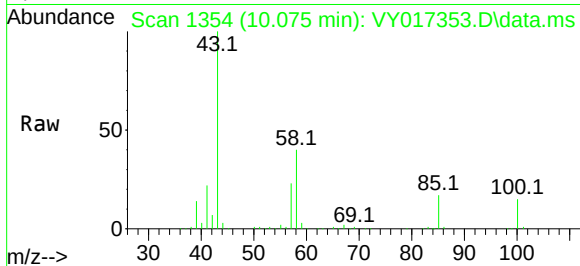




#51
4-Methyl-2-Pentanone
Concen: 117.184 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

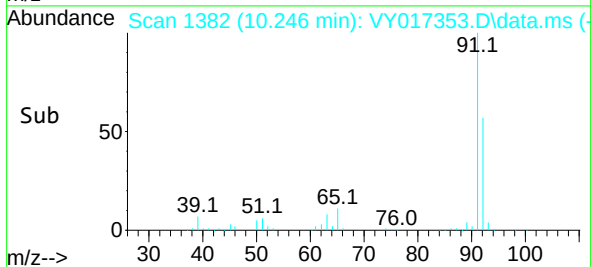
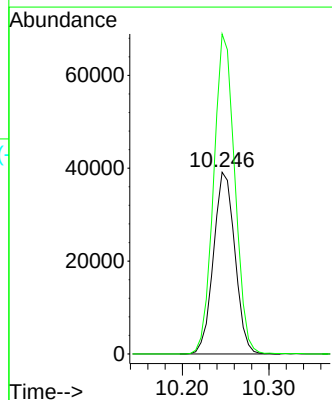
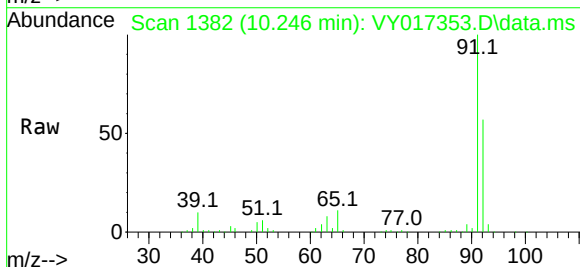
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

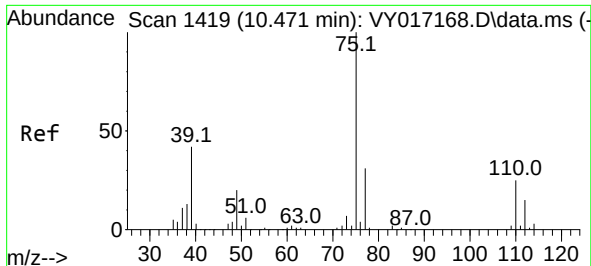
Tgt Ion: 43 Resp: 90011
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2



#52
Toluene
Concen: 22.340 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 92 Resp: 67207
Ion Ratio Lower Upper
92 100
91 174.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 22.784 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

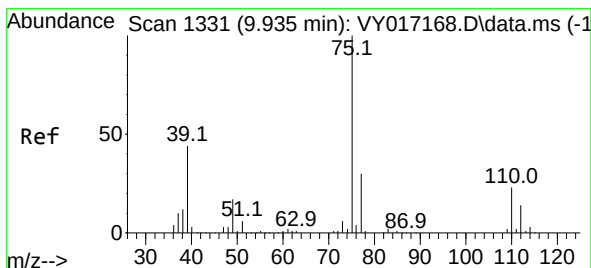
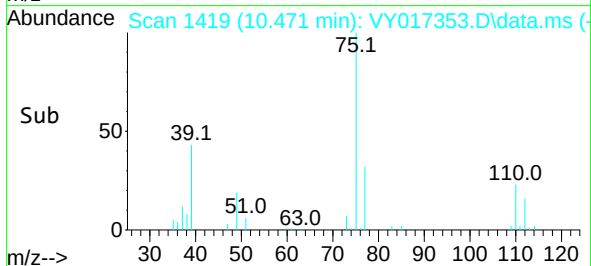
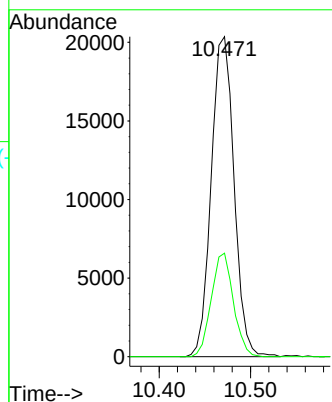
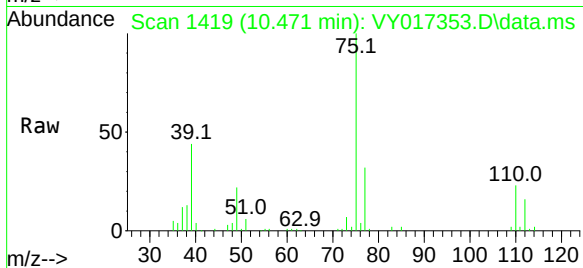
VY0212SBS01

Tgt Ion: 75 Resp: 35418

Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 23.161 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

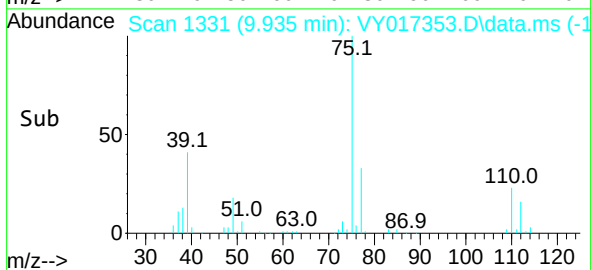
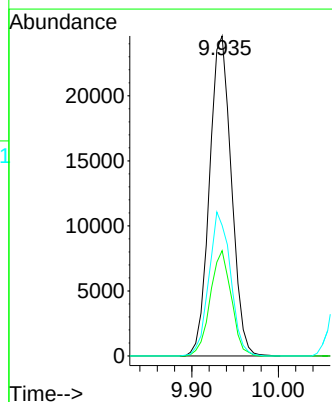
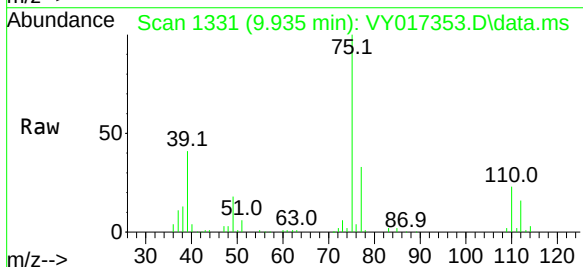
Tgt Ion: 75 Resp: 43125

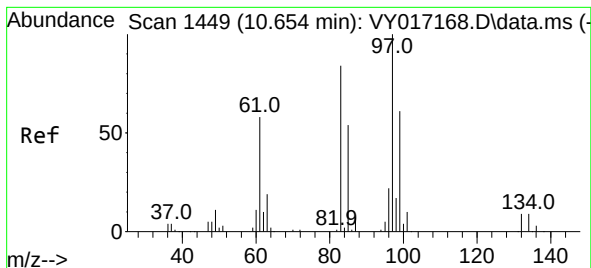
Ion Ratio Lower Upper

75 100

77 32.9 24.6 36.8

39 40.8 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 23.803 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

Tgt Ion: 97 Resp: 21416

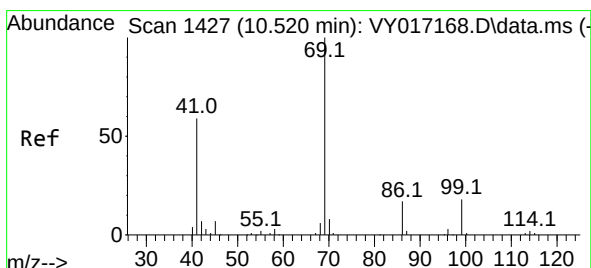
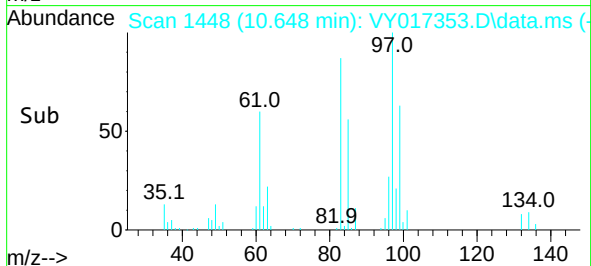
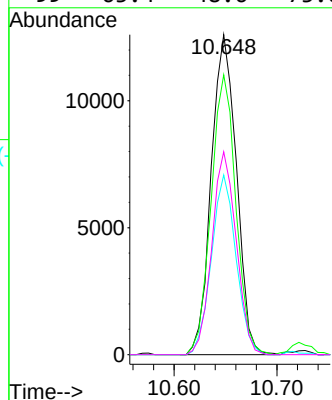
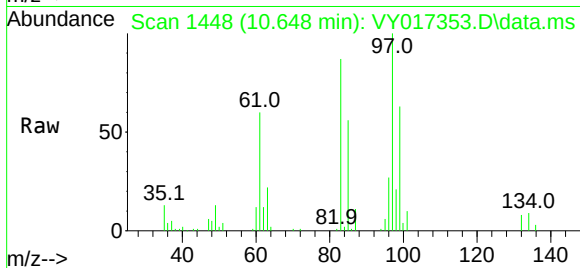
Ion Ratio Lower Upper

97 100

83 87.5 69.4 104.2

85 56.2 43.9 65.9

99 63.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 22.093 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

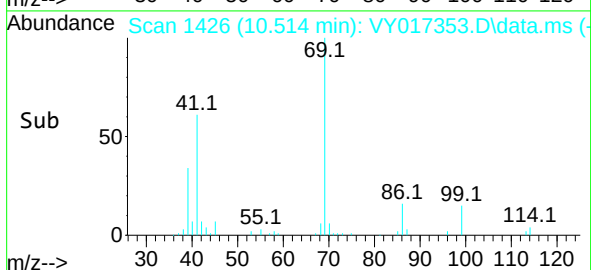
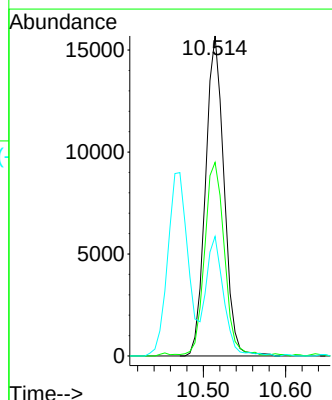
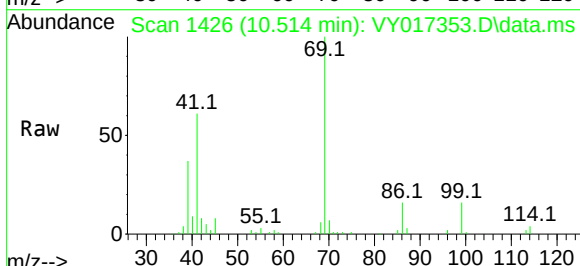
Tgt Ion: 69 Resp: 24584

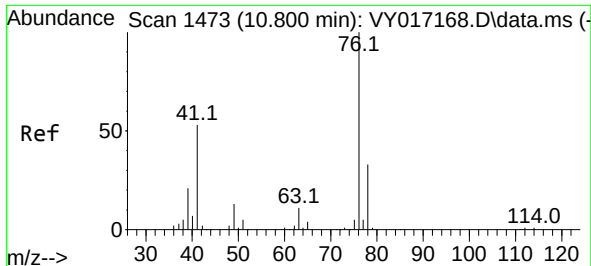
Ion Ratio Lower Upper

69 100

41 63.4 49.2 73.8

39 34.7 26.8 40.2

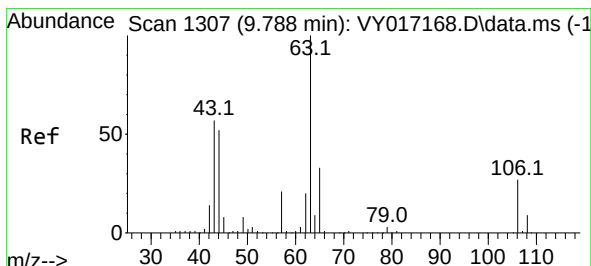
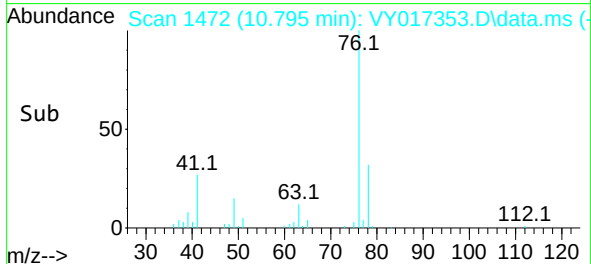
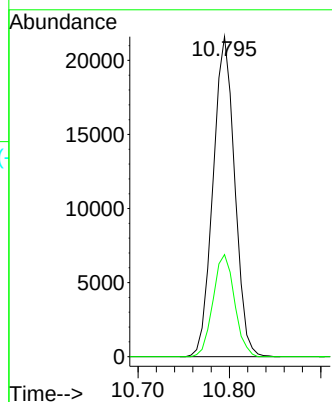
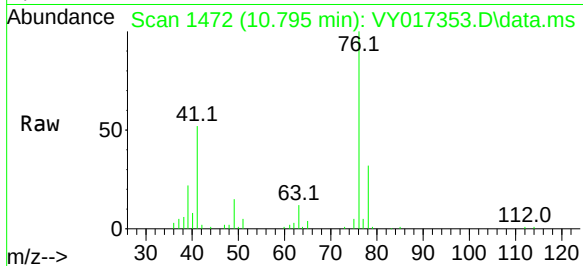




#57
1,3-Dichloropropane
Concen: 22.934 ug/l
RT: 10.795 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

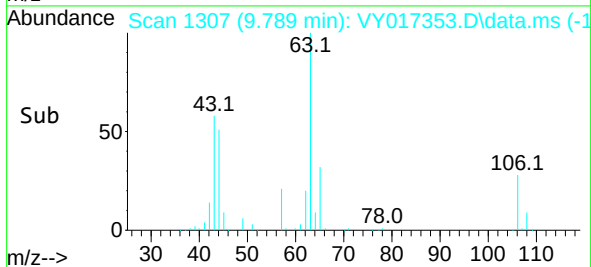
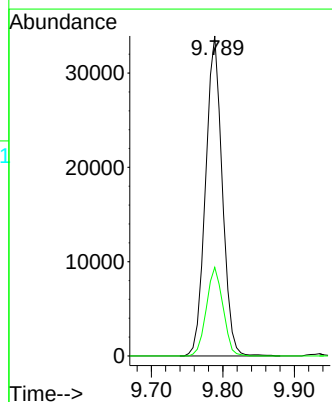
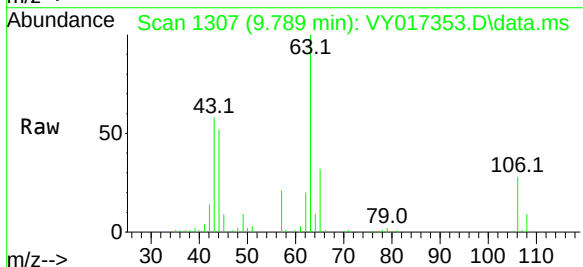
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

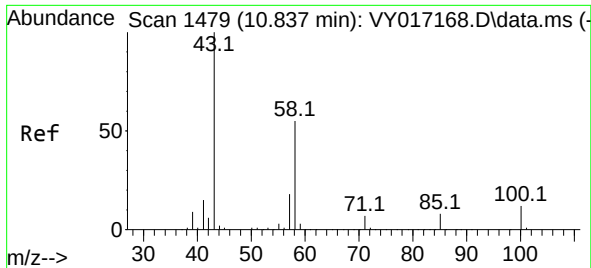
Tgt Ion: 76 Resp: 35490
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 98.008 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 63 Resp: 54934
Ion Ratio Lower Upper
63 100
106 27.6 22.4 33.6

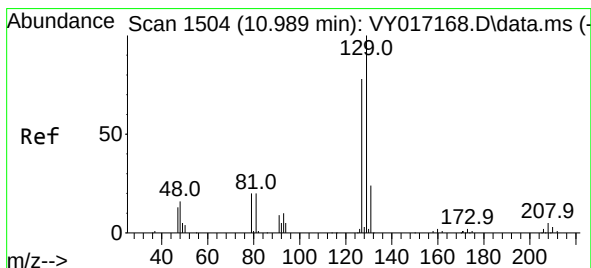
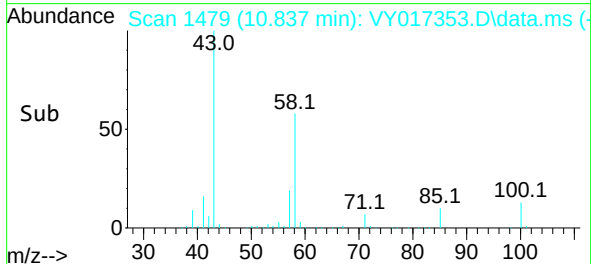
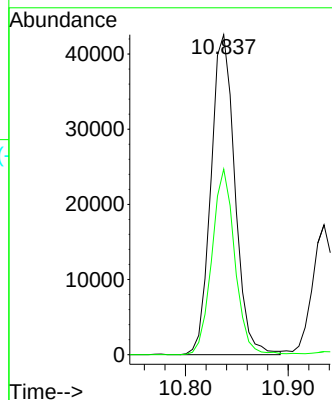
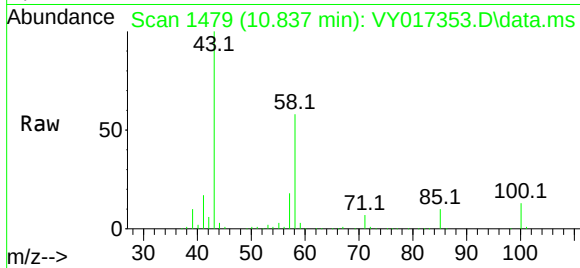




#59
2-Hexanone
Concen: 124.138 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

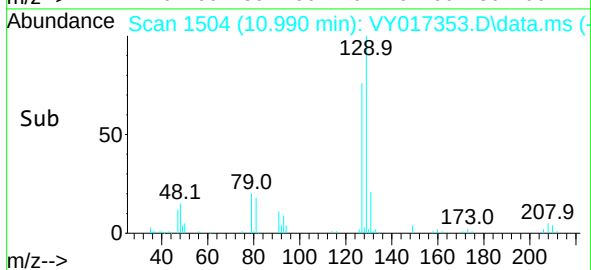
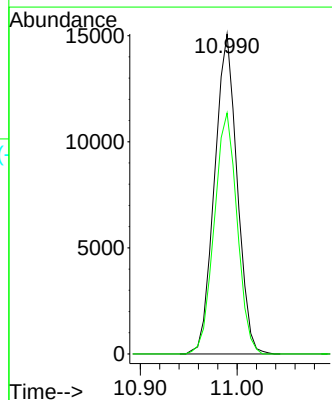
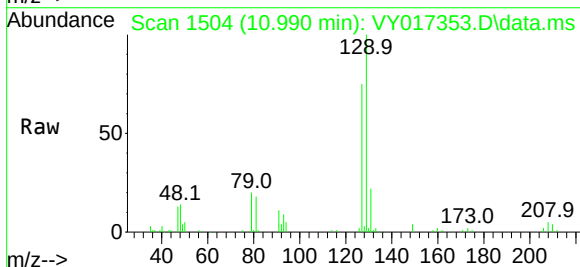
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

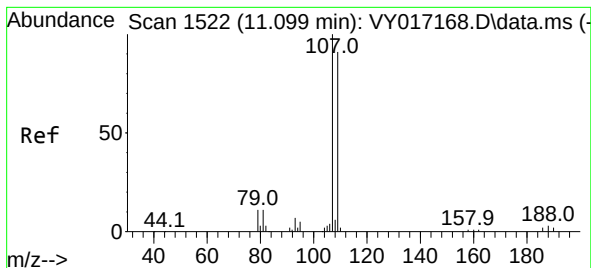
Tgt Ion: 43 Resp: 68950
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3



#60
Dibromochloromethane
Concen: 23.141 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion:129 Resp: 24425
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 22.494 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

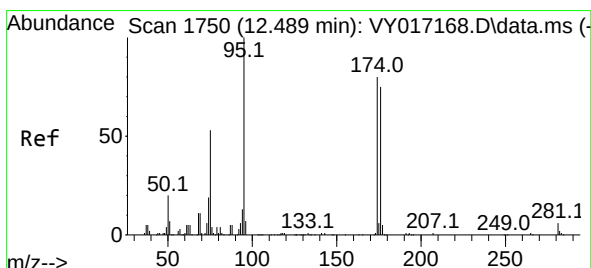
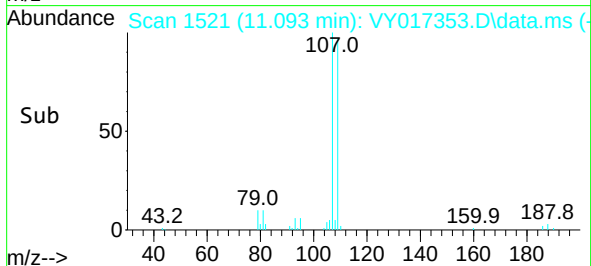
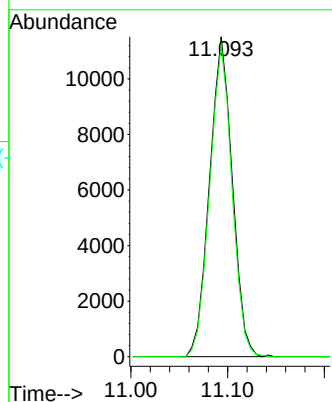
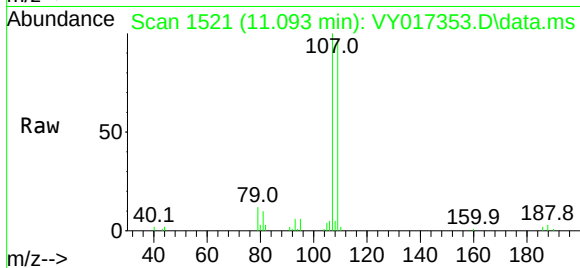
VY0212SBS01

Tgt Ion:107 Resp: 18822

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.872 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

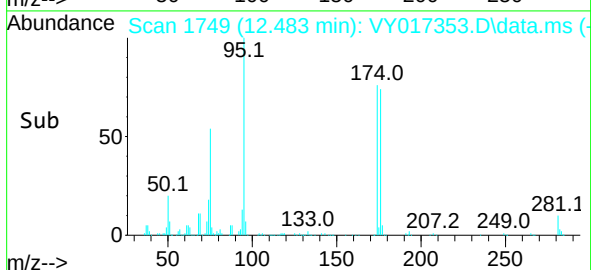
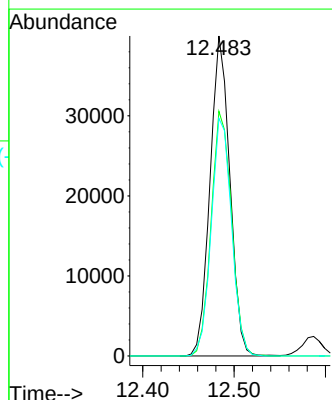
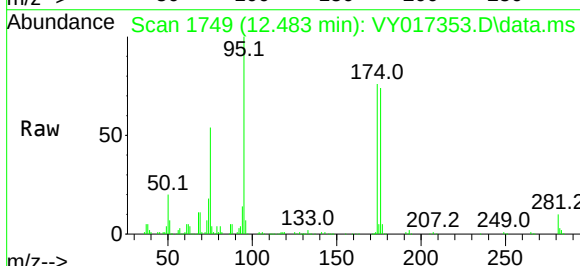
Tgt Ion: 95 Resp: 60183

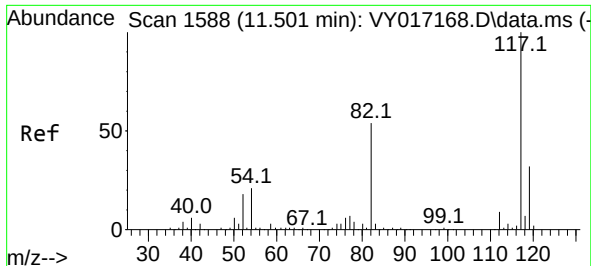
Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.0

176 75.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

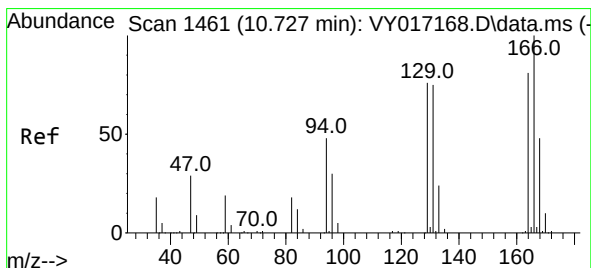
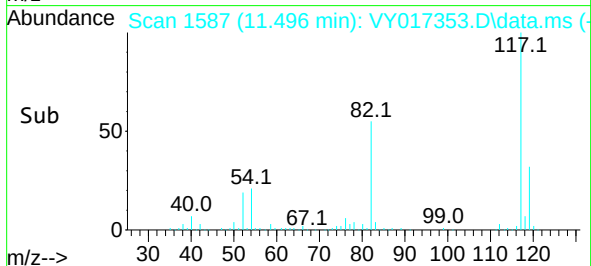
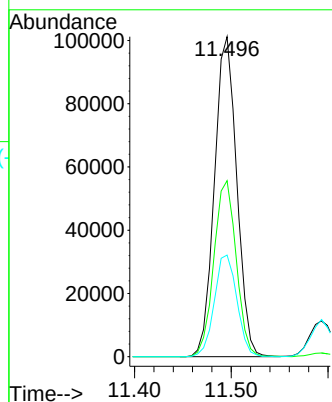
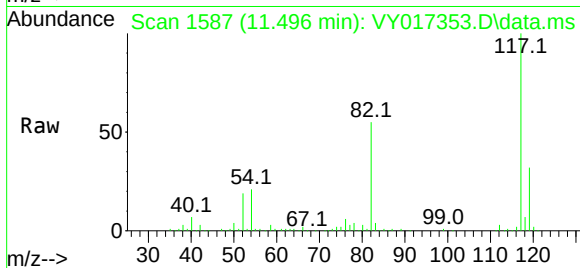
Tgt Ion:117 Resp: 162066

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 31.8 26.5 39.7



#64

Tetrachloroethene

Concen: 22.155 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Tgt Ion:164 Resp: 23319

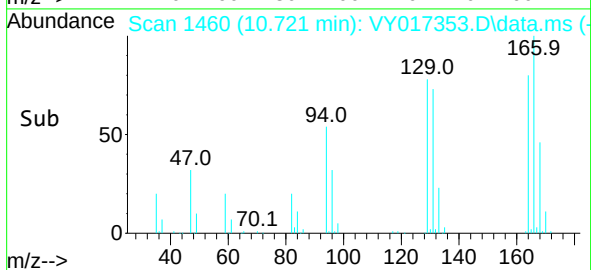
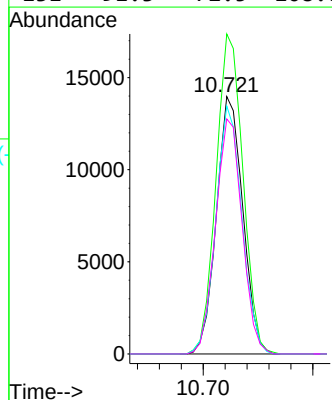
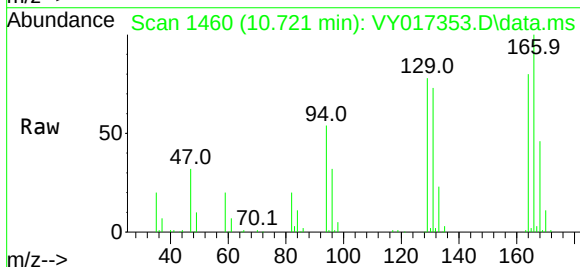
Ion Ratio Lower Upper

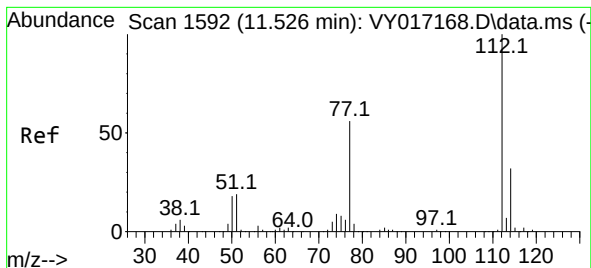
164 100

166 124.3 98.8 148.2

129 96.4 78.9 118.3

131 91.3 72.5 108.7





#65

Chlorobenzene

Concen: 22.531 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

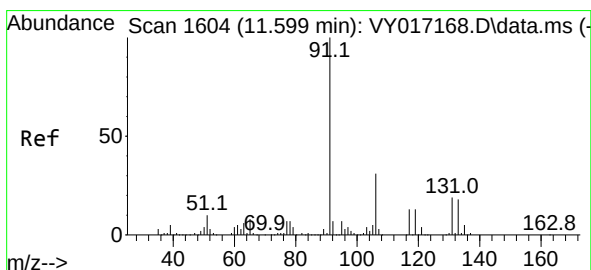
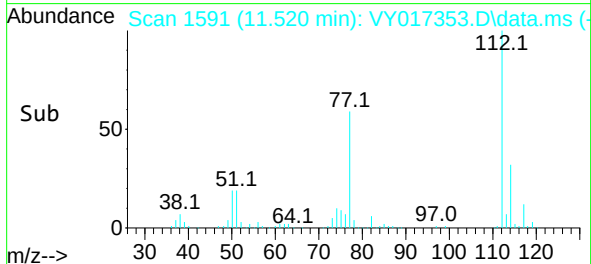
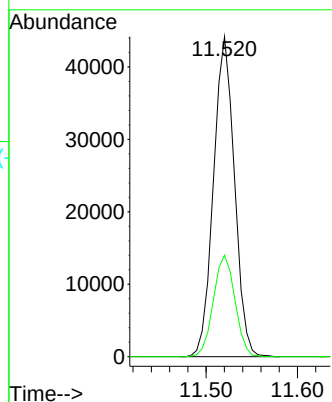
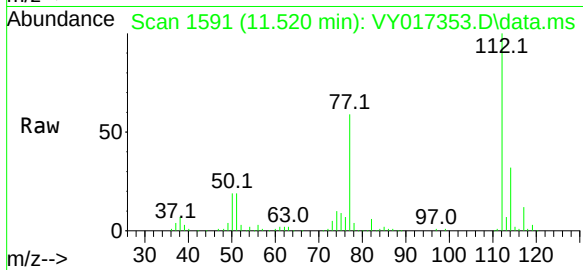
VY0212SBS01

Tgt Ion:112 Resp: 70441

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 22.790 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

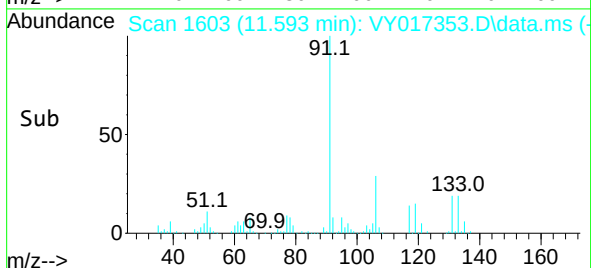
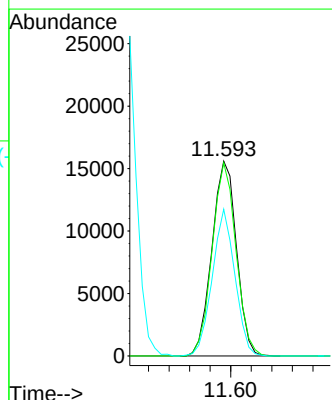
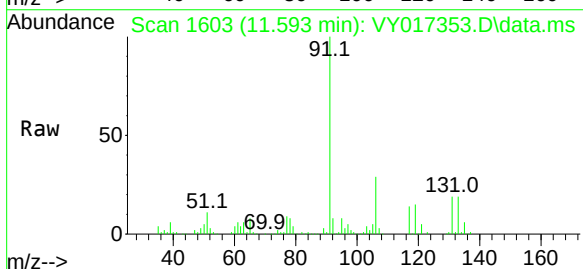
Tgt Ion:131 Resp: 25893

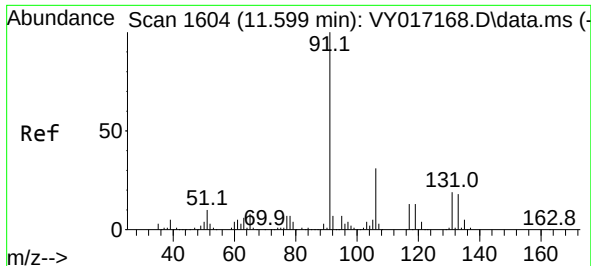
Ion Ratio Lower Upper

131 100

133 96.5 47.0 141.0

119 69.4 33.3 99.9





#67

Ethyl Benzene

Concen: 22.549 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

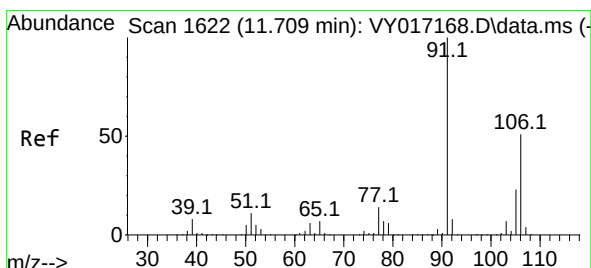
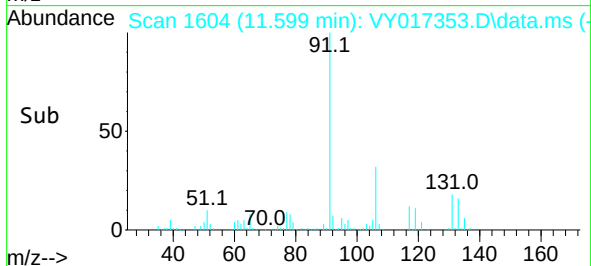
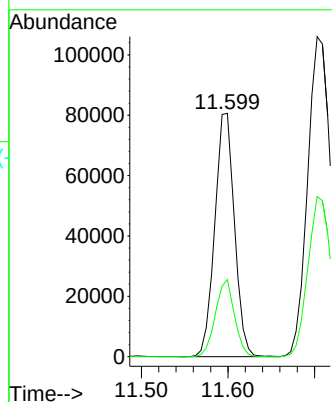
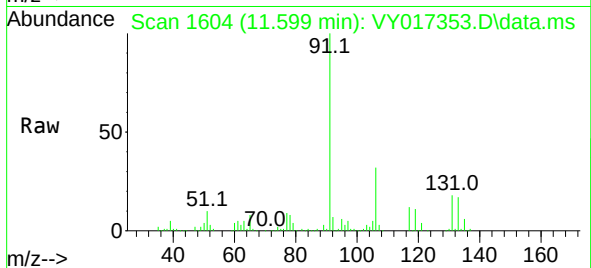
VY0212SBS01

Tgt Ion: 91 Resp: 127407

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.4



#68

m/p-Xylenes

Concen: 45.661 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017353.D

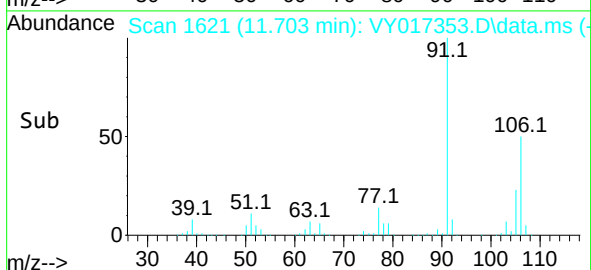
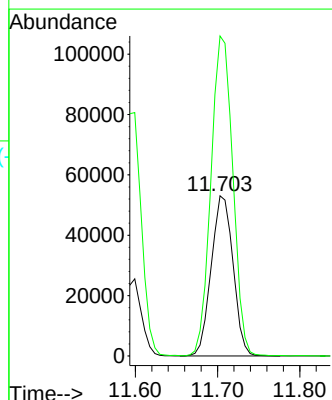
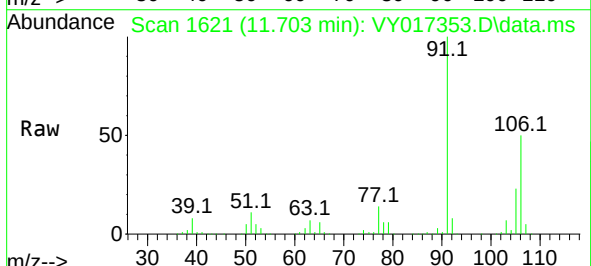
Acq: 12 Feb 2024 15:10

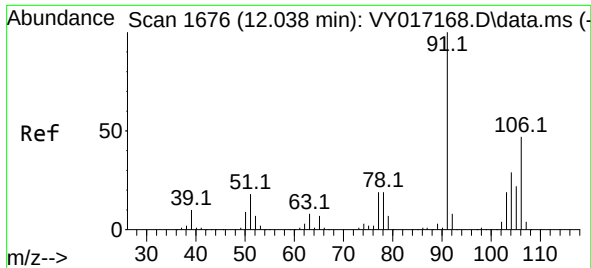
Tgt Ion: 106 Resp: 97908

Ion Ratio Lower Upper

106 100

91 200.7 160.7 241.1

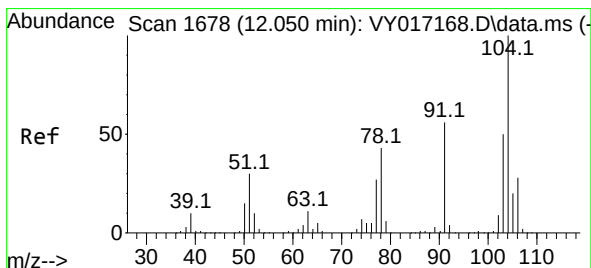
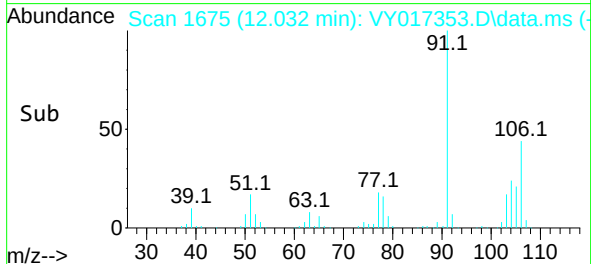
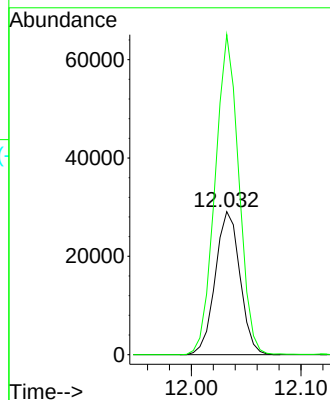
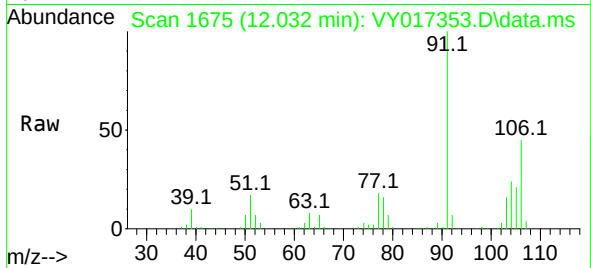




#69
o-Xylene
Concen: 23.077 ug/l
RT: 12.032 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

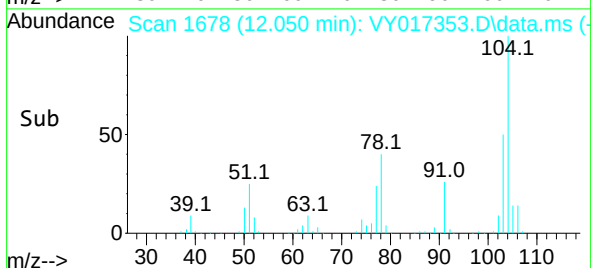
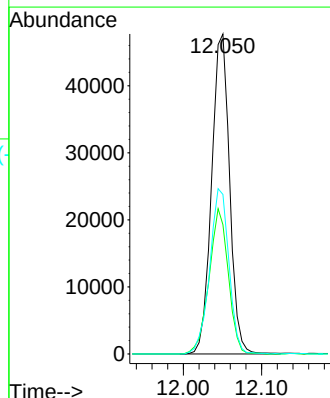
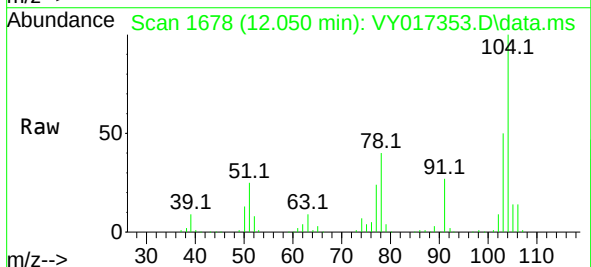
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

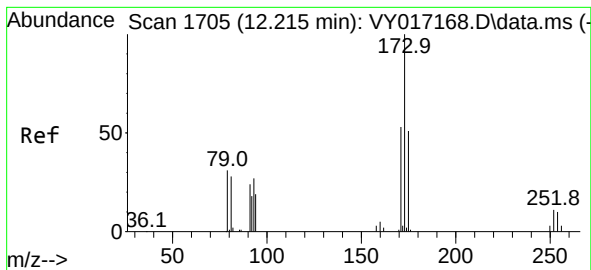
Tgt Ion:106 Resp: 45568
Ion Ratio Lower Upper
106 100
91 215.3 106.5 319.5



#70
Styrene
Concen: 23.401 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion:104 Resp: 76134
Ion Ratio Lower Upper
104 100
78 48.4 39.2 58.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 23.023 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

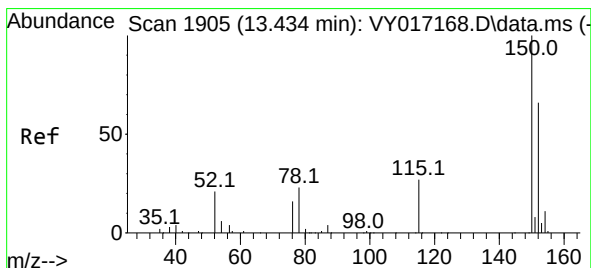
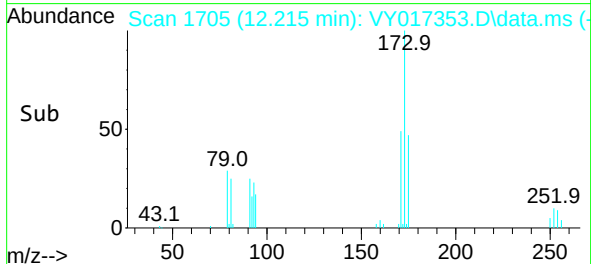
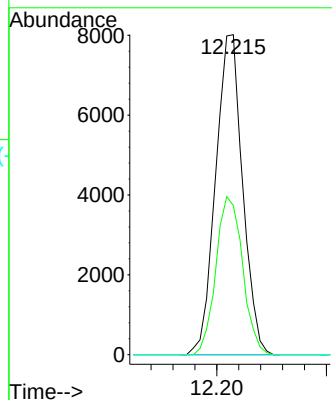
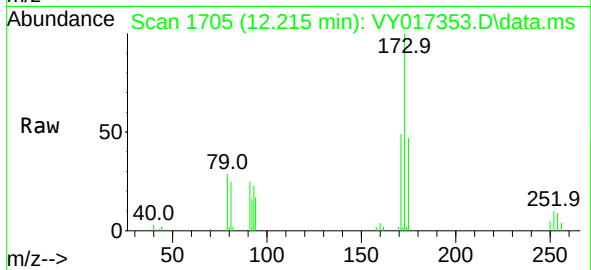
Tgt Ion:173 Resp: 13699

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

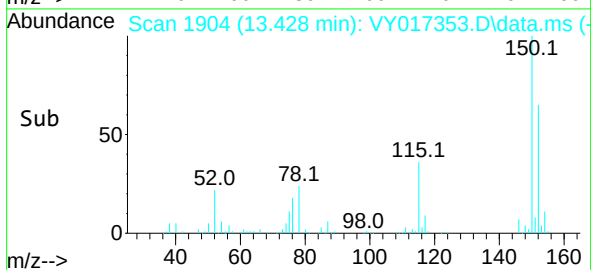
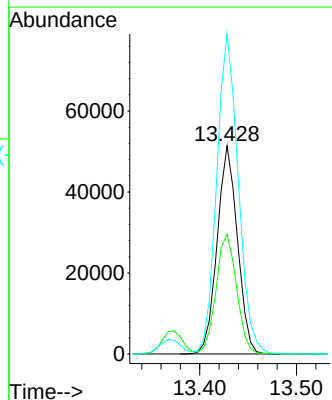
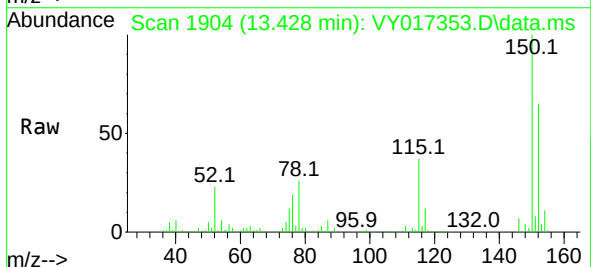
Tgt Ion:152 Resp: 74721

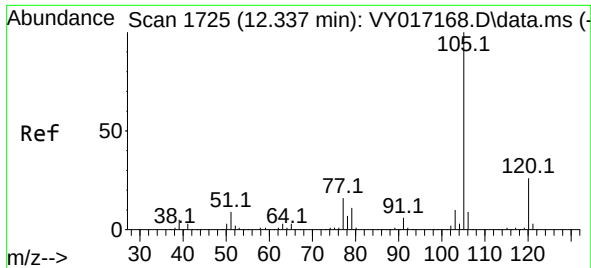
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 163.3 0.0 344.6

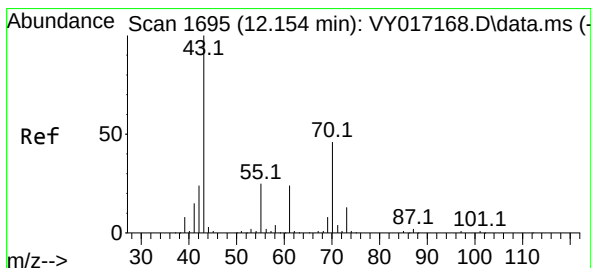
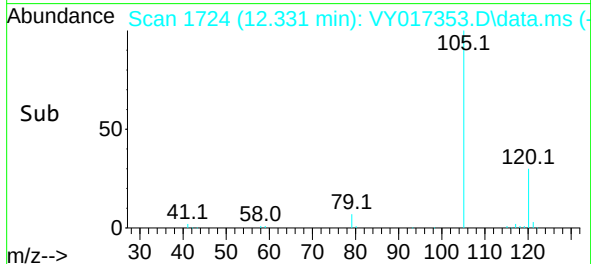
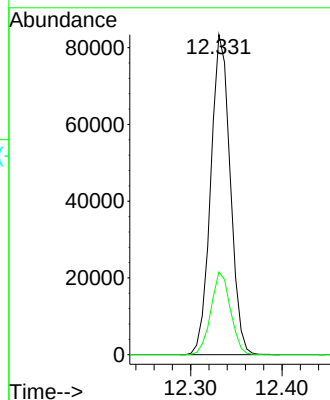
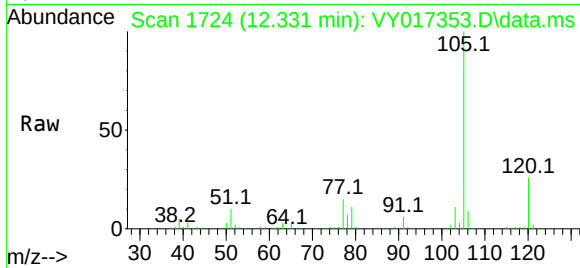




#73
Isopropylbenzene
Concen: 22.488 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

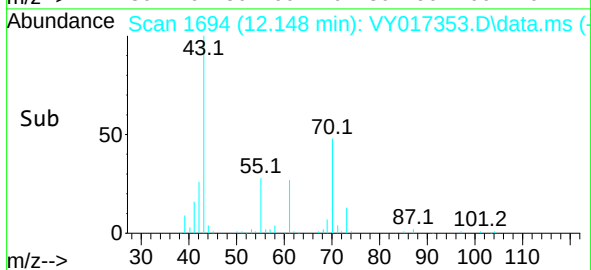
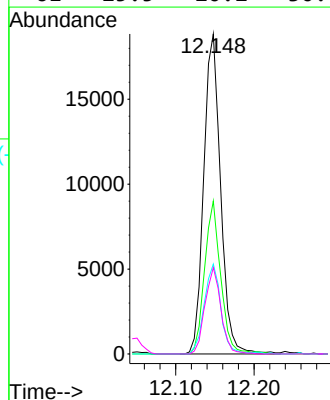
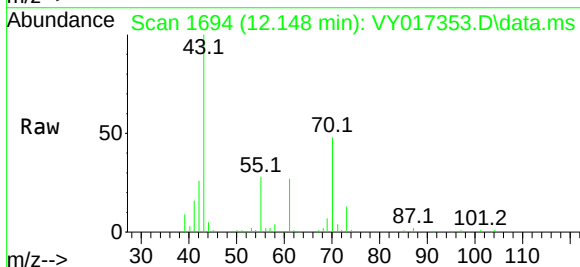
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

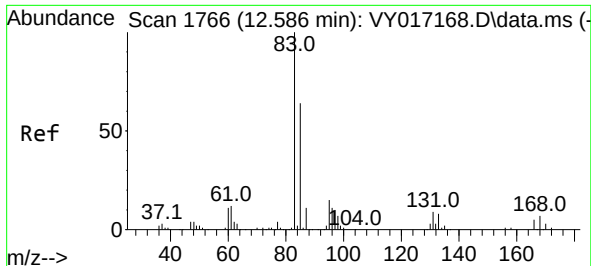
Tgt Ion:105 Resp: 123443
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 22.859 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 43 Resp: 28195
Ion Ratio Lower Upper
43 100
70 45.8 36.6 55.0
55 27.5 22.2 33.4
61 25.5 20.2 30.4

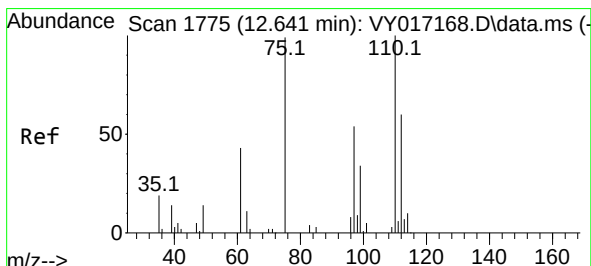
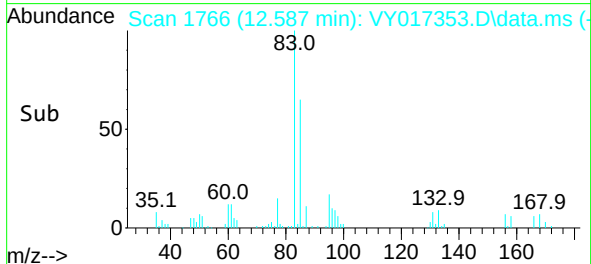
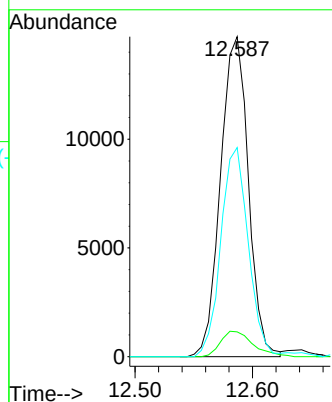
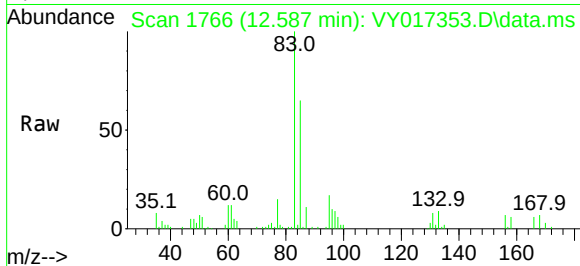




#75
1,1,2,2-Tetrachloroethane
Concen: 22.465 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

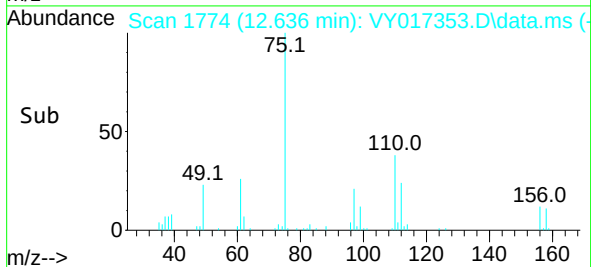
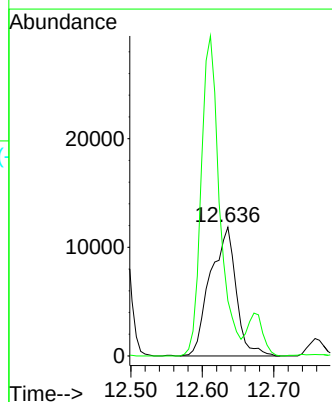
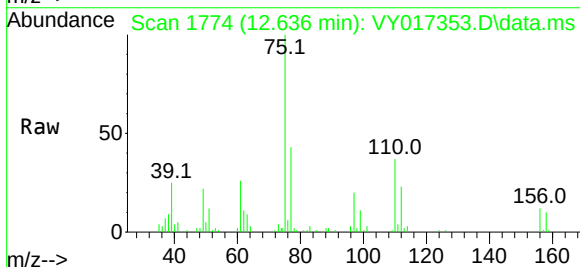
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

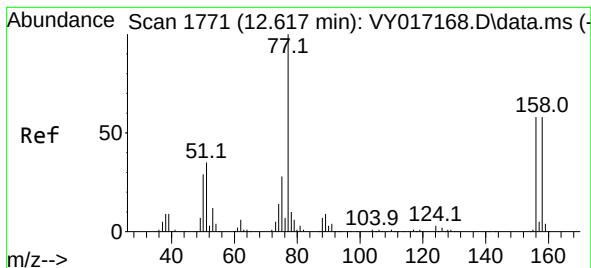
Tgt Ion: 83 Resp: 24254
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.6
85 64.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 43.221 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 75 Resp: 29808
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.391 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

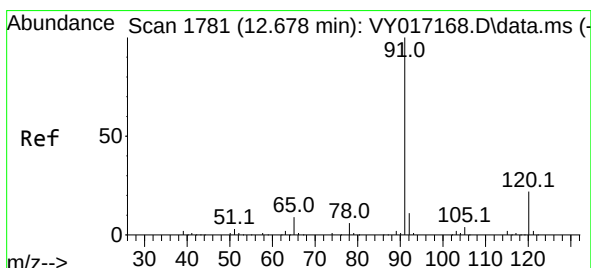
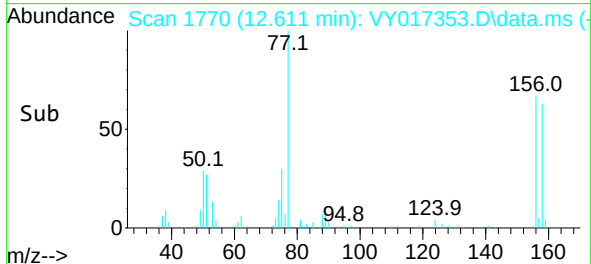
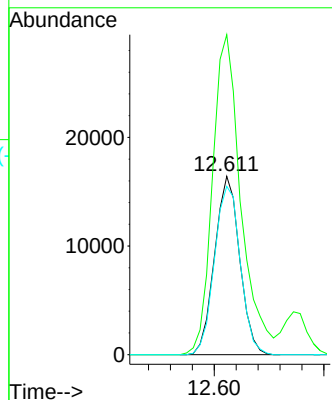
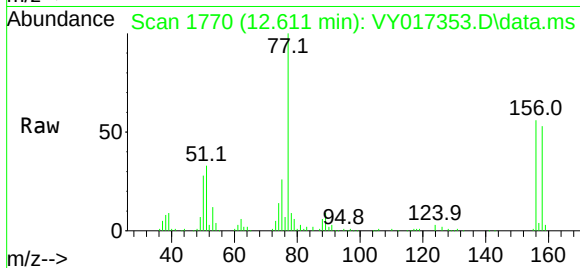
Tgt Ion:156 Resp: 26045

Ion Ratio Lower Upper

156 100

77 202.8 97.3 291.8

158 97.6 48.4 145.0



#78

n-propylbenzene

Concen: 22.810 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY017353.D

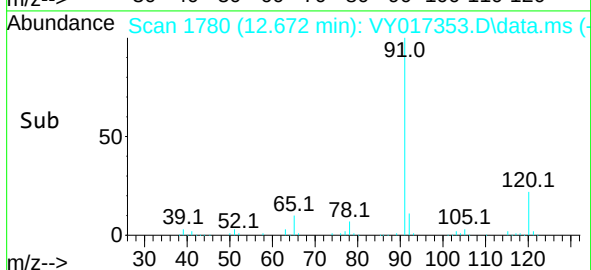
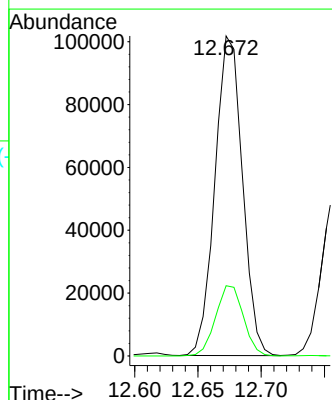
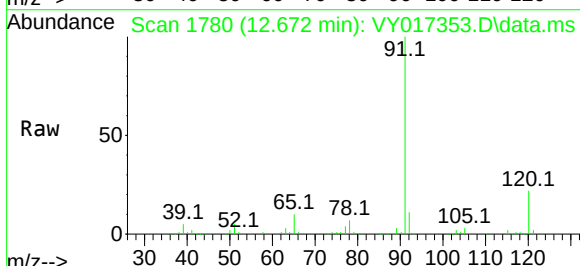
Acq: 12 Feb 2024 15:10

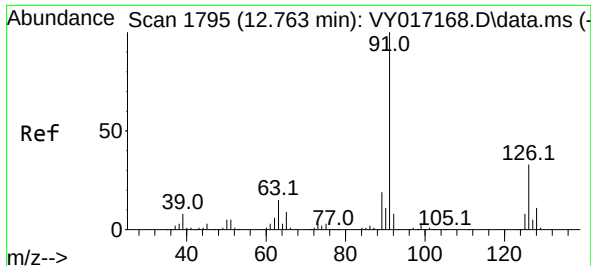
Tgt Ion: 91 Resp: 153778

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

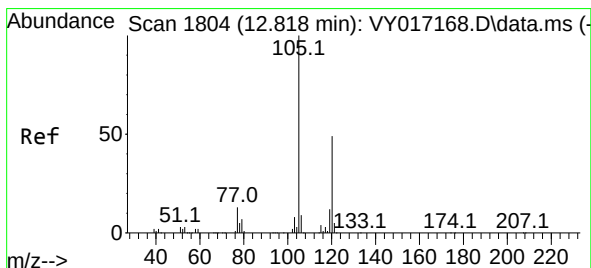
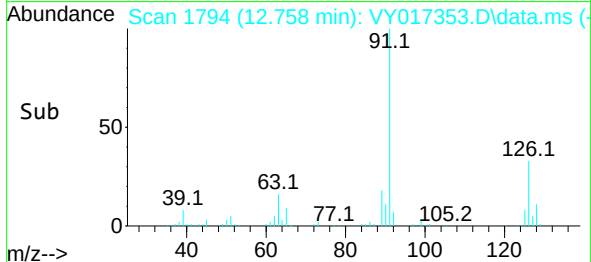
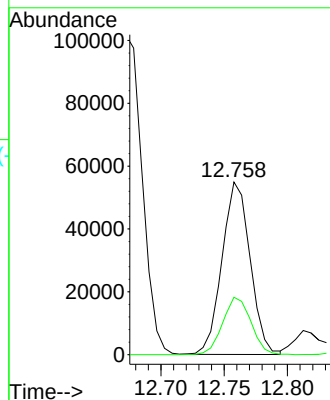
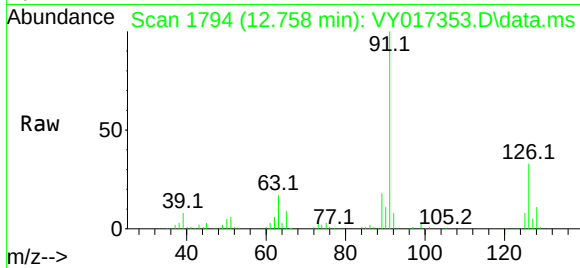




#79
2-Chlorotoluene
Concen: 22.887 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

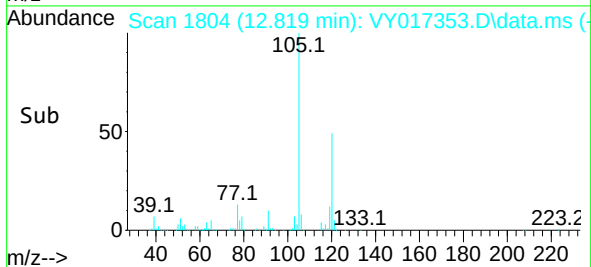
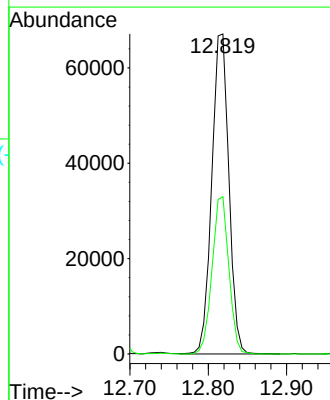
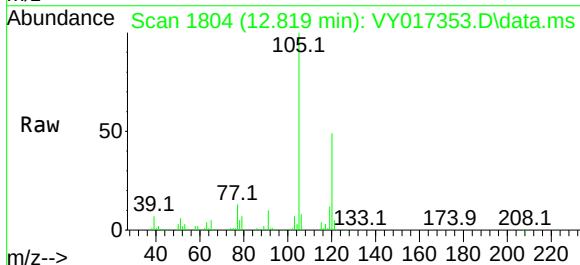
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

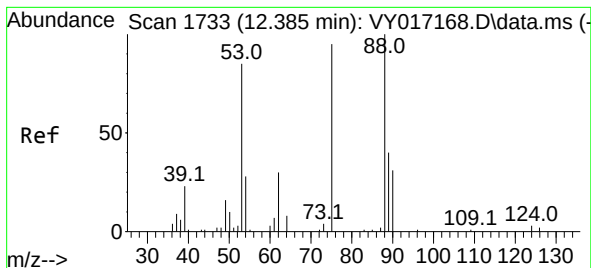
Tgt Ion: 91 Resp: 84830
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 23.306 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 105 Resp: 101745
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

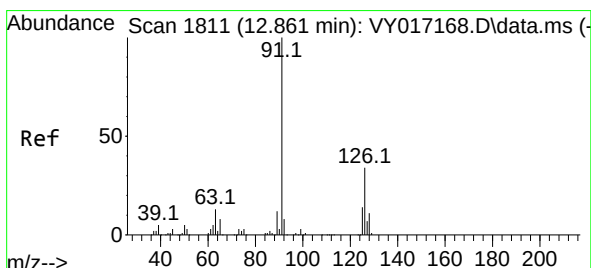
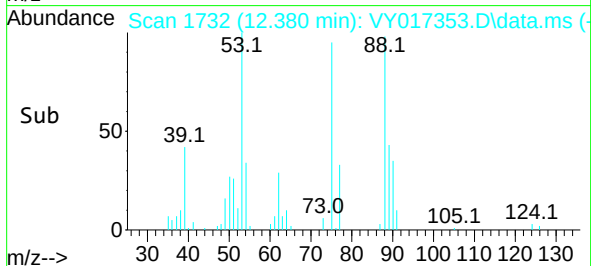
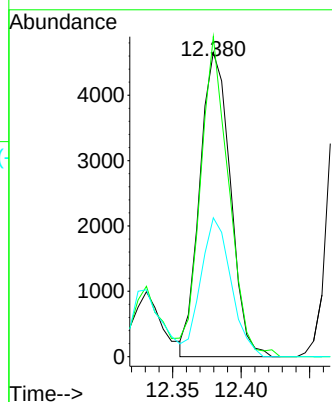
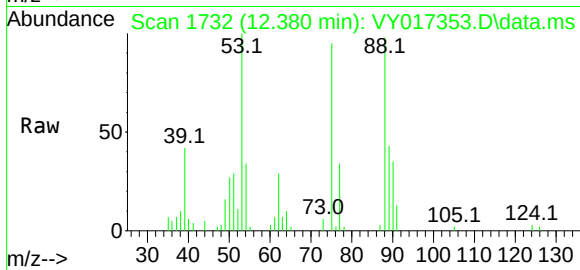




#81
trans-1,4-Dichloro-2-butene
Concen: 21.756 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

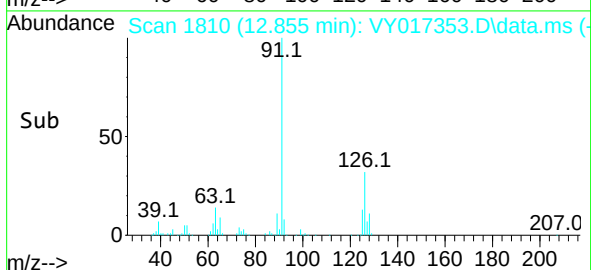
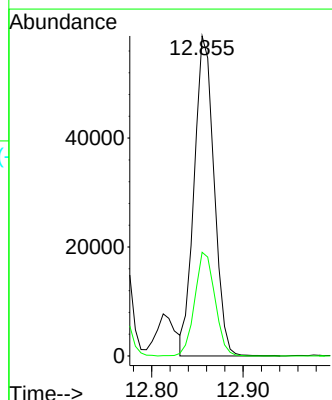
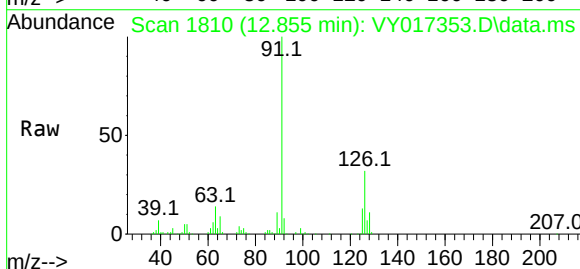
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

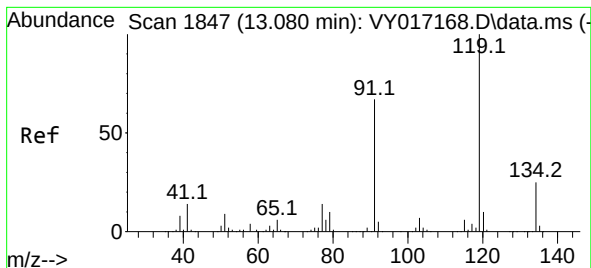
Tgt Ion: 75 Resp: 7221
Ion Ratio Lower Upper
75 100
53 97.7 74.0 111.0
89 45.3 36.5 54.7



#82
4-Chlorotoluene
Concen: 23.233 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 91 Resp: 88626
Ion Ratio Lower Upper
91 100
126 33.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 23.720 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

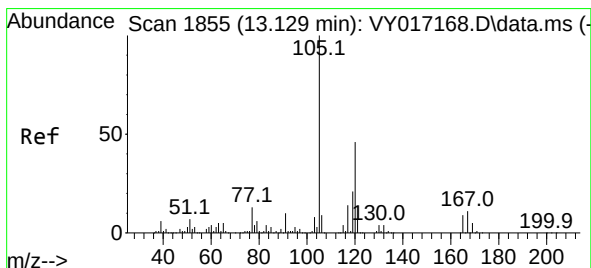
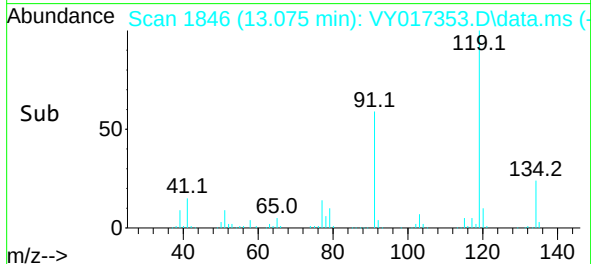
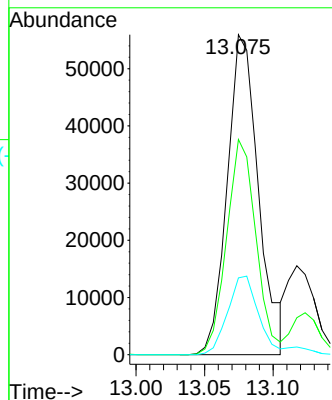
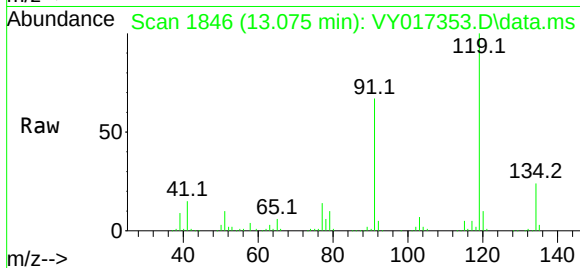
Tgt Ion:119 Resp: 88764

Ion Ratio Lower Upper

119 100

91 63.4 31.5 94.5

134 25.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 22.809 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017353.D

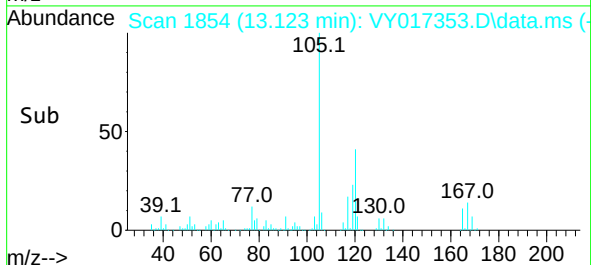
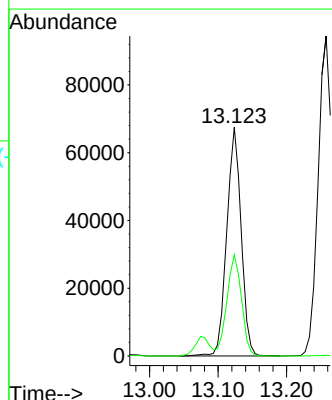
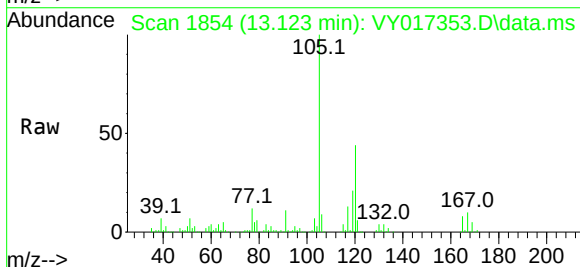
Acq: 12 Feb 2024 15:10

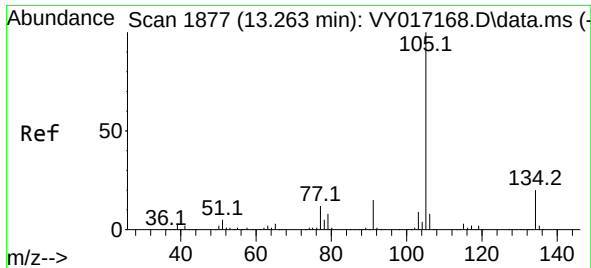
Tgt Ion:105 Resp: 98289

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

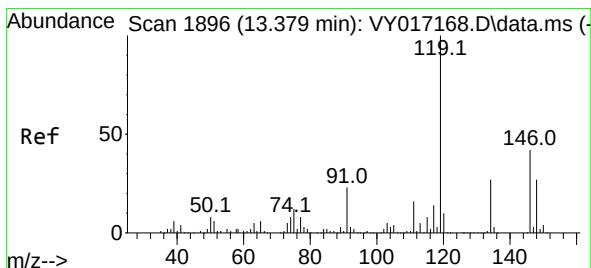
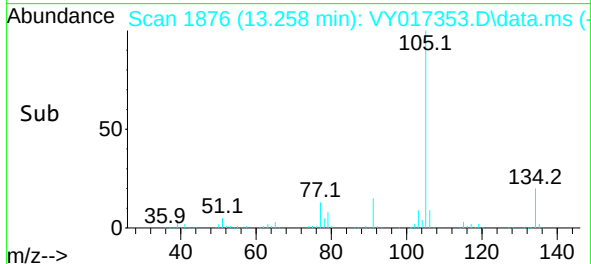
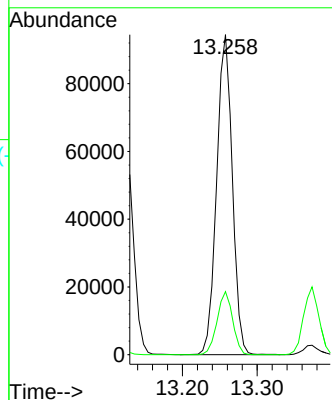
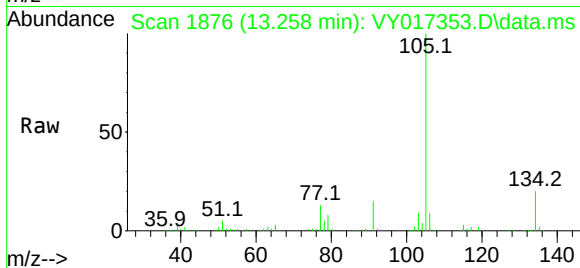




#85
sec-Butylbenzene
Concen: 23.504 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

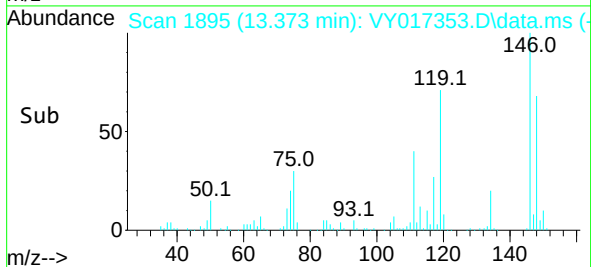
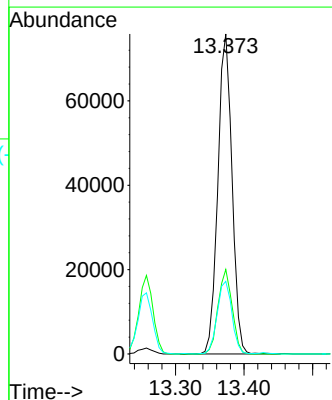
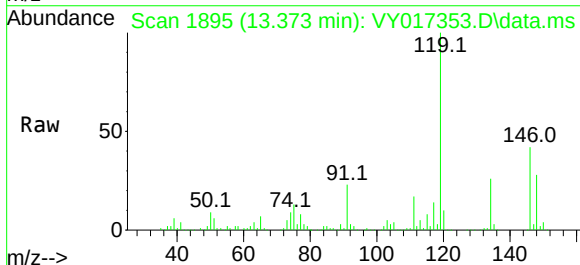
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

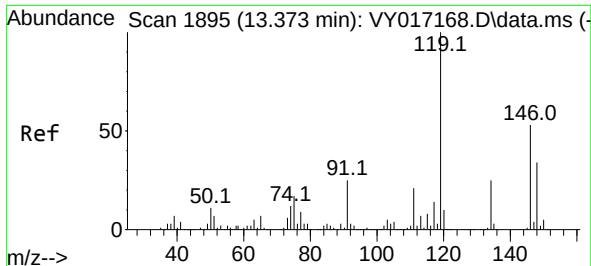
Tgt Ion:105 Resp: 137469
Ion Ratio Lower Upper
105 100
134 19.5 9.7 28.9



#86
p-Isopropyltoluene
Concen: 23.168 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion:119 Resp: 108285
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.1
91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 22.555 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

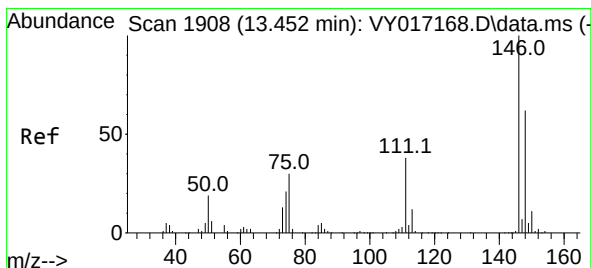
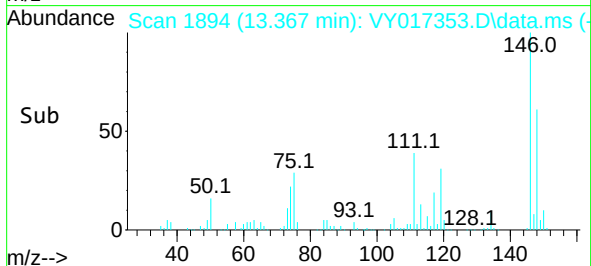
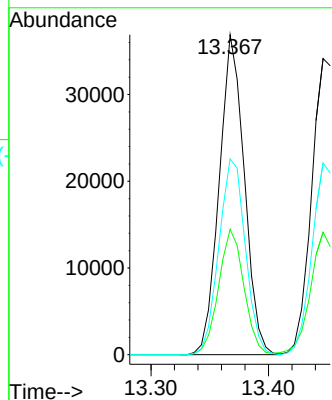
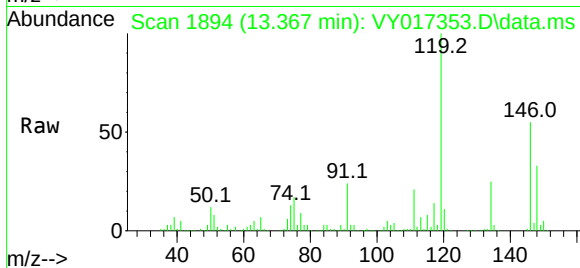
Tgt Ion:146 Resp: 54785

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 64.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 23.299 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

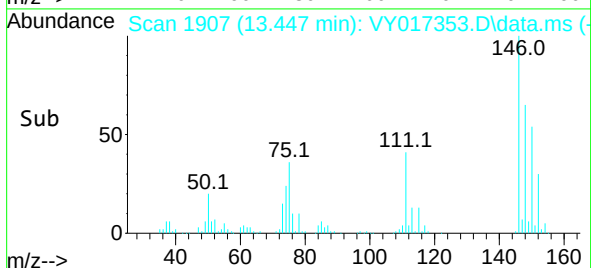
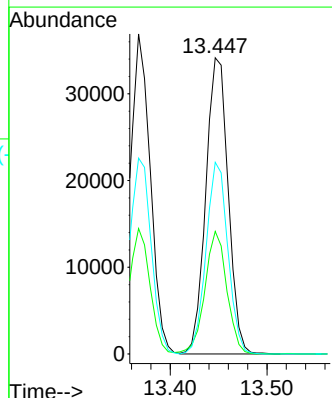
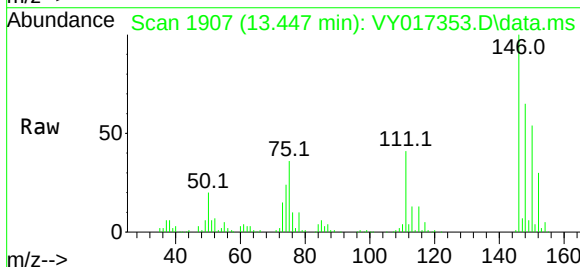
Tgt Ion:146 Resp: 54982

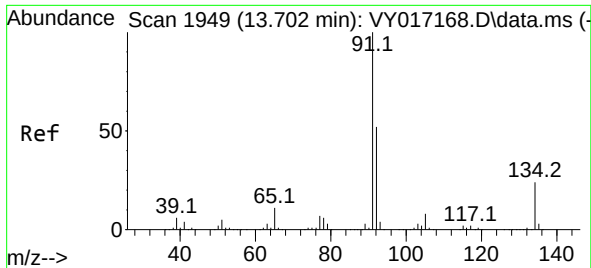
Ion Ratio Lower Upper

146 100

111 40.6 19.3 57.9

148 63.2 31.6 94.7

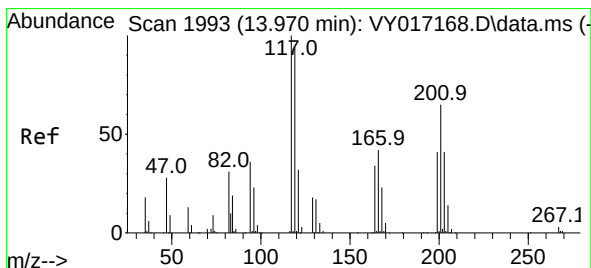
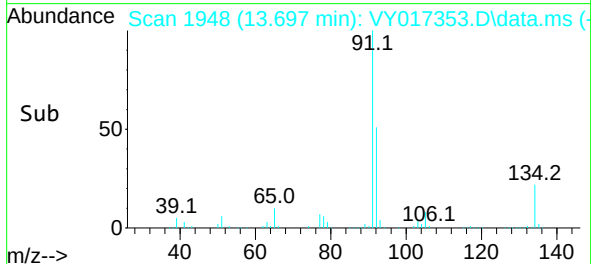
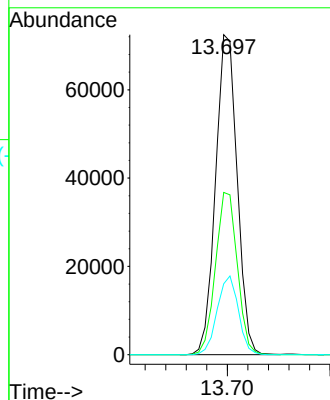
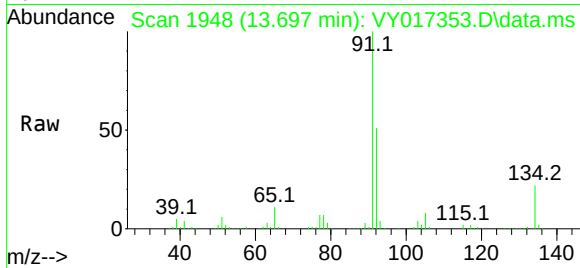




#89
n-Butylbenzene
Concen: 23.827 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

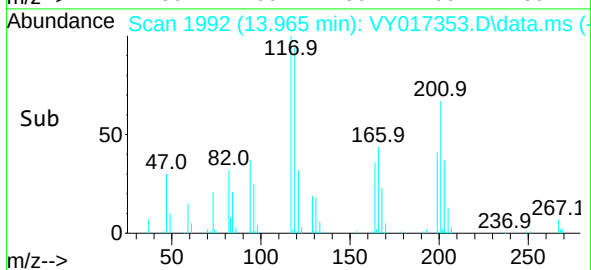
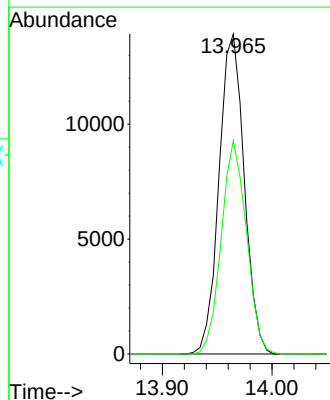
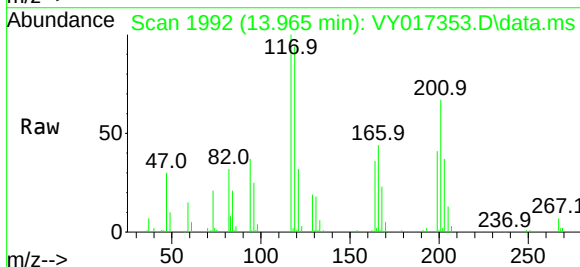
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

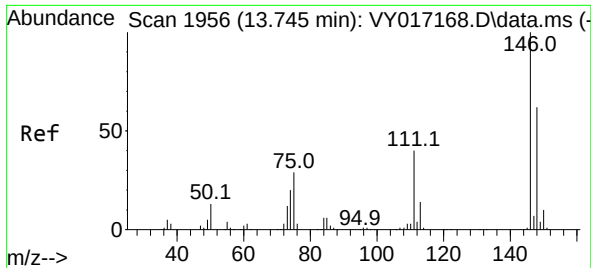
Tgt Ion: 91 Resp: 105884
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.2
134 24.1 12.3 36.8



#90
Hexachloroethane
Concen: 23.181 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 117 Resp: 22242
Ion Ratio Lower Upper
117 100
201 66.5 33.4 100.1

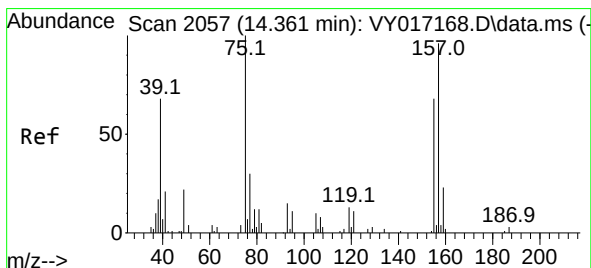
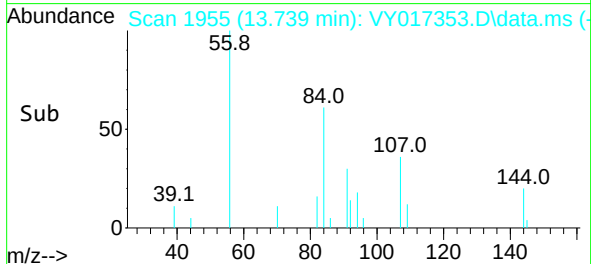
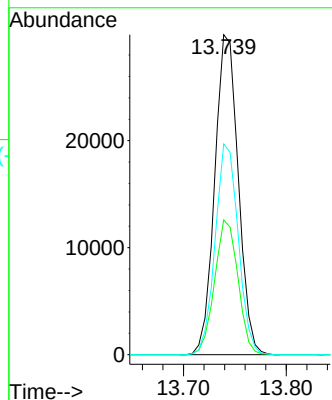
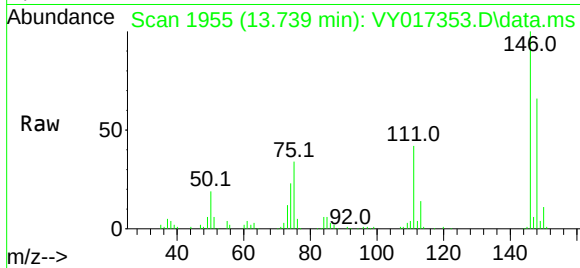




#91
1,2-Dichlorobenzene
Concen: 22.963 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

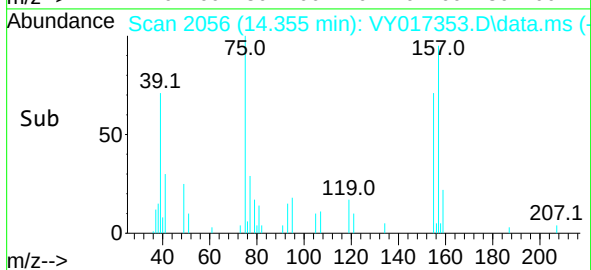
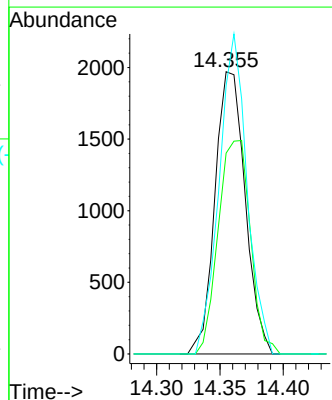
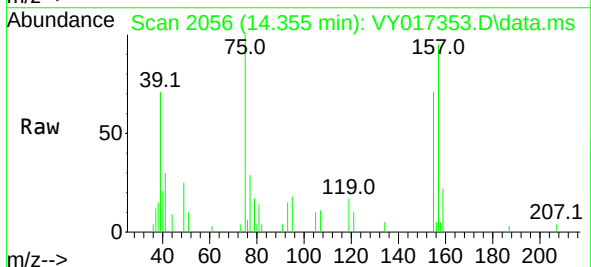
Instrument :
MSVOA_Y
ClientSampleId :
VY0212SBS01

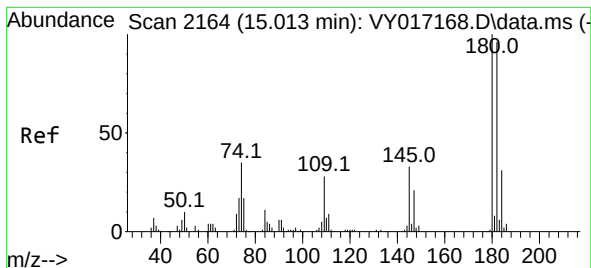
Tgt Ion:146 Resp: 47484
Ion Ratio Lower Upper
146 100
111 41.8 20.5 61.6
148 64.6 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.238 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY017353.D
Acq: 12 Feb 2024 15:10

Tgt Ion: 75 Resp: 3268
Ion Ratio Lower Upper
75 100
155 80.3 42.1 126.3
157 104.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 23.964 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

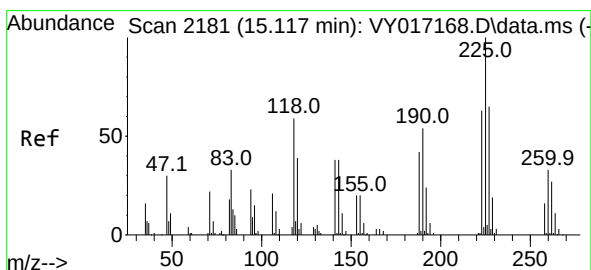
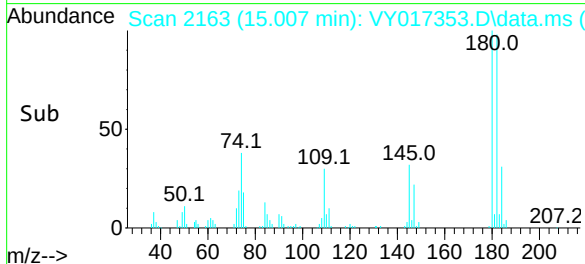
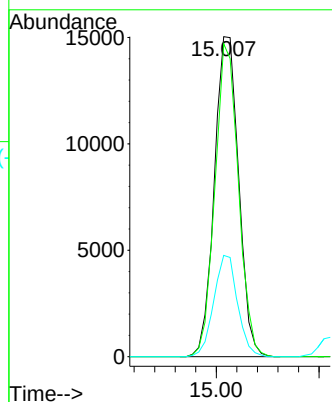
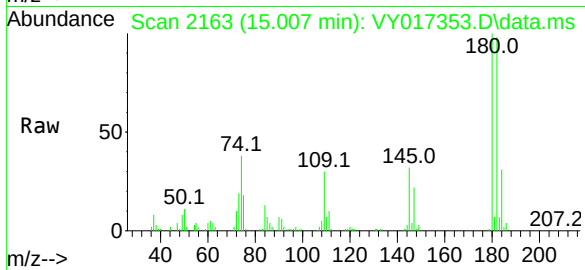
Tgt Ion:180 Resp: 24614

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 31.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 23.943 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

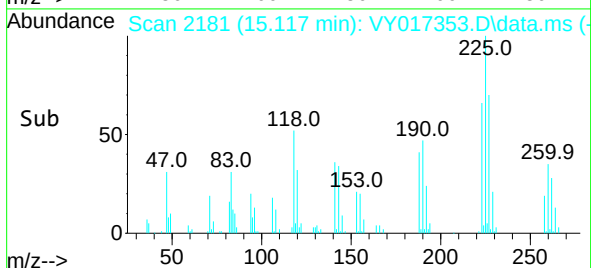
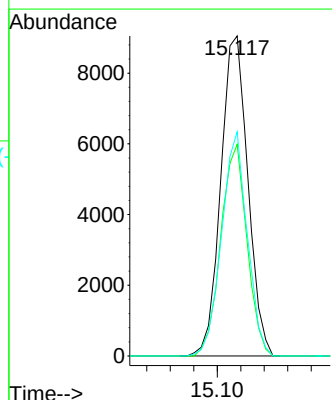
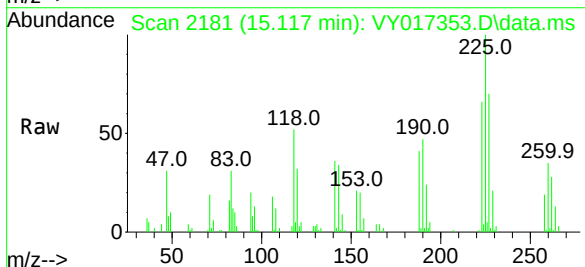
Tgt Ion:225 Resp: 14484

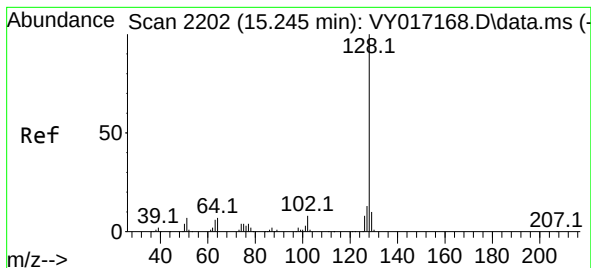
Ion Ratio Lower Upper

225 100

223 63.8 31.4 94.3

227 66.3 32.3 96.8





#95

Naphthalene

Concen: 23.759 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0212SBS01

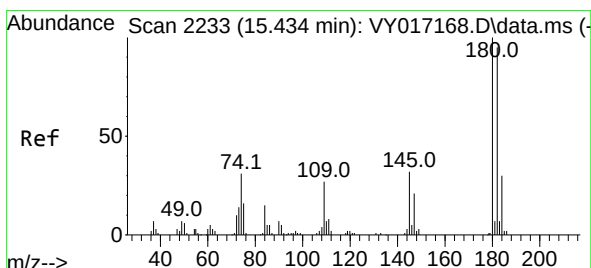
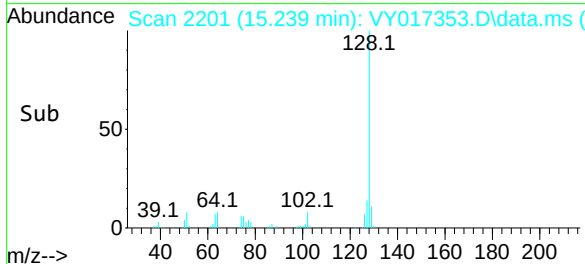
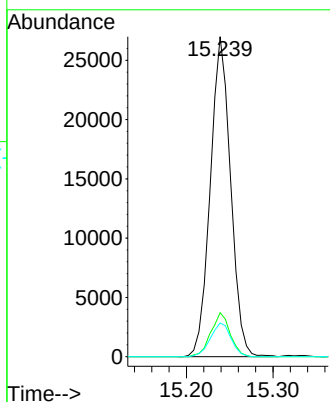
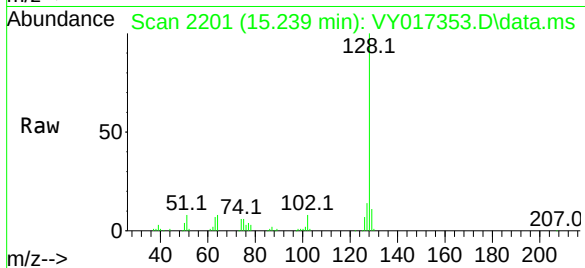
Tgt Ion:128 Resp: 43979

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 24.220 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017353.D

Acq: 12 Feb 2024 15:10

Tgt Ion:180 Resp: 21157

Ion Ratio Lower Upper

180 100

182 96.0 46.3 138.8

145 32.9 16.1 48.2

