

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017133.D
 Acq On : 30 Jan 2024 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 00:26:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	118450	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	195320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	166967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	61104	52.947	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.740	113	66819	56.682	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.360%	
50) Toluene-d8	10.197	98	253442	56.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.840%	
62) 4-Bromofluorobenzene	12.502	95	76468	55.750	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	40648	47.037	ug/l	97
3) Chloromethane	2.131	50	72863	48.492	ug/l	100
4) Vinyl Chloride	2.266	62	87792	51.569	ug/l	100
5) Bromomethane	2.674	94	62841	49.237	ug/l	97
6) Chloroethane	2.820	64	60018	53.696	ug/l	99
7) Trichlorofluoromethane	3.150	101	100962	51.952	ug/l	99
8) Diethyl Ether	3.552	74	30699	44.982	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.930	101	63889	48.222	ug/l	100
10) Methyl Iodide	4.119	142	62067	49.311	ug/l	97
11) Tert butyl alcohol	4.991	59	17444	202.829	ug/l	98
12) 1,1-Dichloroethene	3.899	96	58527	48.258	ug/l	97
13) Acrolein	3.753	56	27176	196.347	ug/l	98
14) Allyl chloride	4.509	41	90936	49.607	ug/l	99
15) Acrylonitrile	5.198	53	68912	232.659	ug/l	100
16) Acetone	3.973	43	71833	227.853	ug/l	97
17) Carbon Disulfide	4.229	76	160751	43.977	ug/l	99
18) Methyl Acetate	4.509	43	60062	50.732	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	137712	46.532	ug/l	99
20) Methylene Chloride	4.747	84	66977	52.494	ug/l	96
21) trans-1,2-Dichloroethene	5.259	96	67336	48.001	ug/l	98
22) Diisopropyl ether	6.149	45	207880	51.375	ug/l	98
23) Vinyl Acetate	6.094	43	458686	233.690	ug/l	100
24) 1,1-Dichloroethane	6.051	63	124166	50.309	ug/l	99
25) 2-Butanone	7.015	43	93086	214.024	ug/l	99
26) 2,2-Dichloropropane	7.009	77	104351	49.503	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	78555	50.533	ug/l	100
28) Bromochloromethane	7.362	49	53070	54.012	ug/l	99
29) Tetrahydrofuran	7.374	42	53682	229.394	ug/l	98
30) Chloroform	7.533	83	125972	50.126	ug/l	100
31) Cyclohexane	7.813	56	102906	50.278	ug/l	95
32) 1,1,1-Trichloroethane	7.728	97	108451	50.326	ug/l	100
36) 1,1-Dichloropropene	7.941	75	97309	50.170	ug/l	99
37) Ethyl Acetate	7.100	43	37933	45.484	ug/l	99
38) Carbon Tetrachloride	7.929	117	95623	50.309	ug/l	100
39) Methylcyclohexane	9.203	83	114474	49.071	ug/l	98
40) Benzene	8.185	78	285487	50.683	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	22257	49.900	ug/l	98
42) 1,2-Dichloroethane	8.258	62	70896	48.548	ug/l	100
43) Isopropyl Acetate	8.295	43	72489	46.559	ug/l	99
44) Trichloroethene	8.960	130	72148	49.940	ug/l	97
45) 1,2-Dichloropropane	9.234	63	71195	51.496	ug/l	99
46) Dibromomethane	9.325	93	35316	48.099	ug/l	99
47) Bromodichloromethane	9.514	83	94755	50.727	ug/l	97
48) Methyl methacrylate	9.313	41	40300	46.619	ug/l	99
49) 1,4-Dioxane	9.319	88	7288	1009.236	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	195133	235.609	ug/l	99
52) Toluene	10.264	92	175298	51.417	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	84929	49.771	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	105923	50.470	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	49757	48.487	ug/l	99
56) Ethyl methacrylate	10.526	69	42733	47.619	ug/l	97
57) 1,3-Dichloropropane	10.807	76	85954	49.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	184161	295.642	ug/l	100
59) 2-Hexanone	10.849	43	136750	216.429	ug/l	99
60) Dibromochloromethane	11.002	129	58401	48.985	ug/l	100
61) 1,2-Dibromoethane	11.105	107	44600	47.842	ug/l	100
64) Tetrachloroethene	10.740	164	56944	48.929	ug/l	95
65) Chlorobenzene	11.532	112	177253	50.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	66471	51.432	ug/l	99
67) Ethyl Benzene	11.611	91	334257	51.966	ug/l	97
68) m/p-Xylenes	11.721	106	254690	105.388	ug/l	98
69) o-Xylene	12.044	106	113772	51.827	ug/l	100
70) Styrene	12.063	104	170306	53.439	ug/l	99
71) Bromoform	12.227	173	32080	49.502	ug/l #	98
73) Isopropylbenzene	12.349	105	318437	53.167	ug/l	100
74) N-amyl acetate	12.160	43	56673	46.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	54399	47.631	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	36798m	41.611	ug/l	
77) Bromobenzene	12.623	156	66487	51.303	ug/l	97
78) n-propylbenzene	12.691	91	384134	53.324	ug/l	100
79) 2-Chlorotoluene	12.776	91	207350	52.452	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	251005	52.953	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	16066	47.034	ug/l	98
82) 4-Chlorotoluene	12.873	91	213330	52.069	ug/l	100
83) tert-Butylbenzene	13.093	119	220389	53.752	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	247437	52.520	ug/l	98
85) sec-Butylbenzene	13.270	105	325159	53.559	ug/l	99
86) p-Isopropyltoluene	13.386	119	271394	53.666	ug/l	100
87) 1,3-Dichlorobenzene	13.386	146	131279	51.307	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	124824	49.583	ug/l	99
89) n-Butylbenzene	13.715	91	260743	53.454	ug/l	99
90) Hexachloroethane	13.977	117	54724	51.918	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	109975	50.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	6401	43.883	ug/l	99
93) 1,2,4-Trichlorobenzene	15.025	180	55782	48.852	ug/l	98
94) Hexachlorobutadiene	15.129	225	33609	48.906	ug/l	99
95) Naphthalene	15.257	128	94815	47.014	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	45034	47.405	ug/l	97

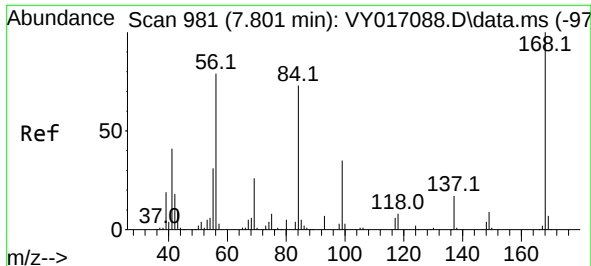
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Response via : Initial Calibration

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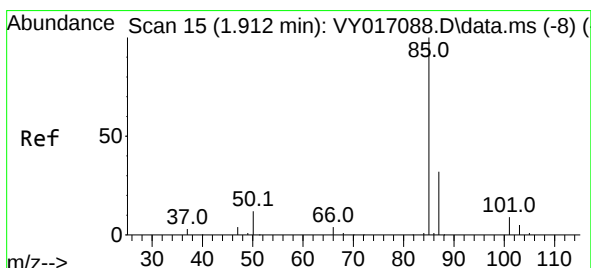
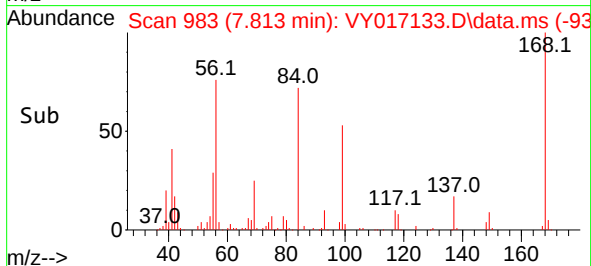
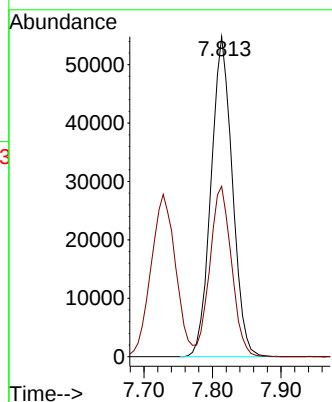
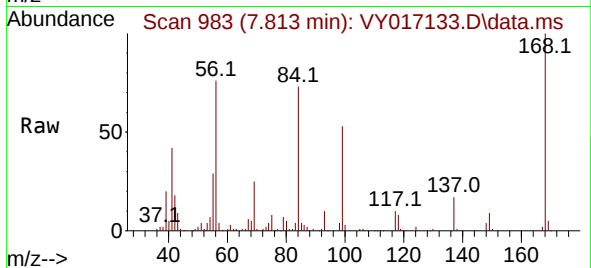
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

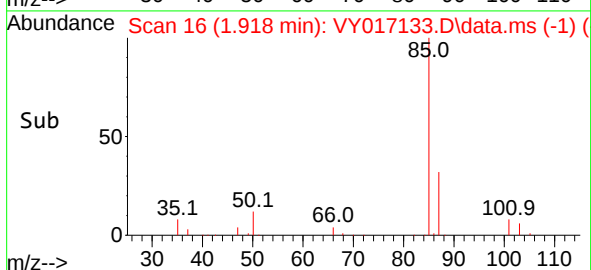
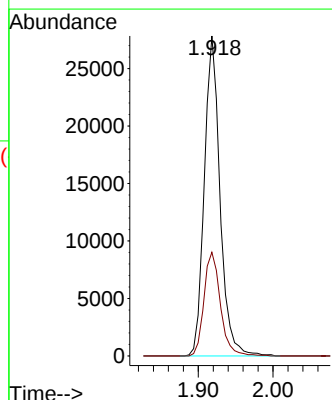
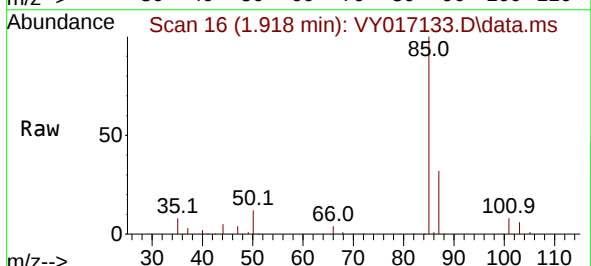
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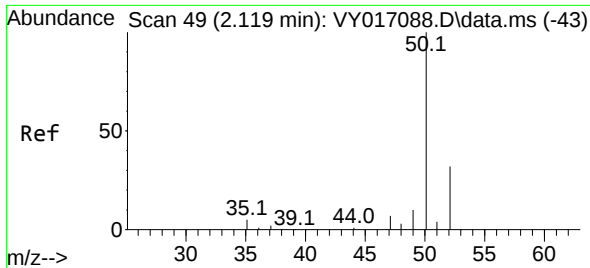
Tgt Ion:168 Resp: 118450
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 47.037 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 85 Resp: 40648
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.3

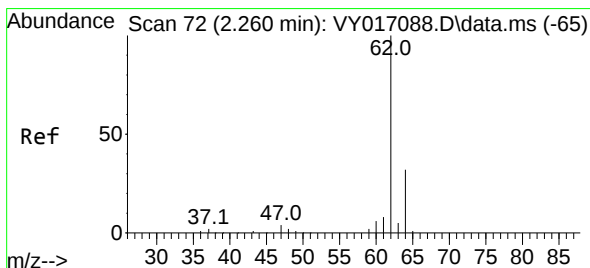
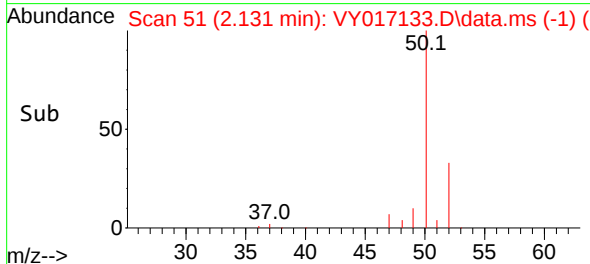
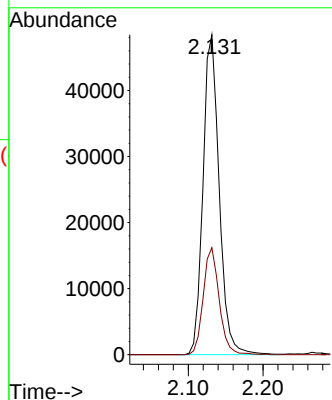
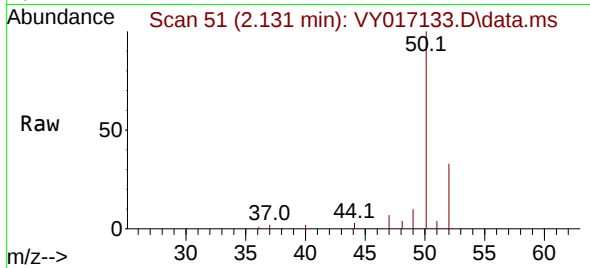




#3
Chloromethane
Concen: 48.492 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

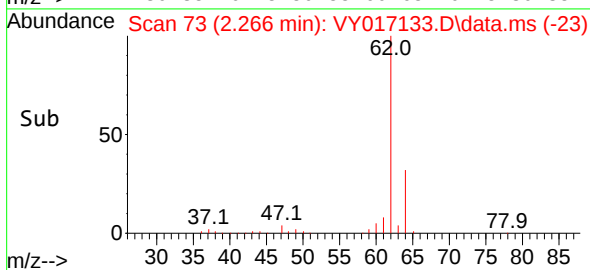
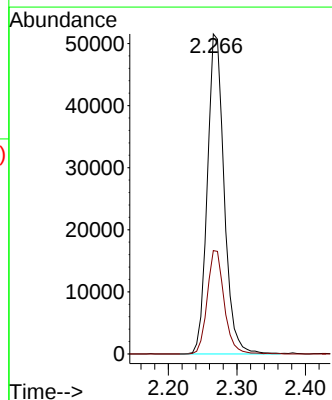
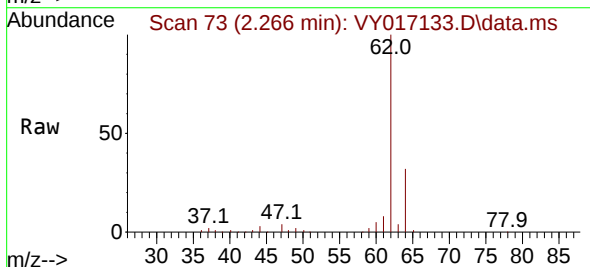
Instrument :
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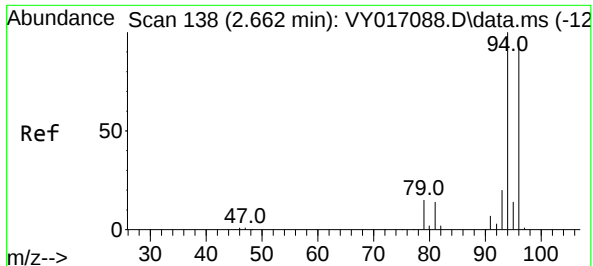
Tgt Ion: 50 Resp: 72863
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1



#4
Vinyl Chloride
Concen: 51.569 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 62 Resp: 87792
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5

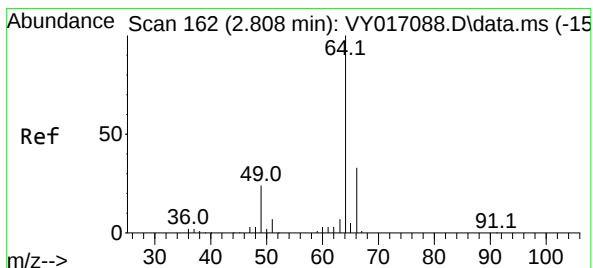
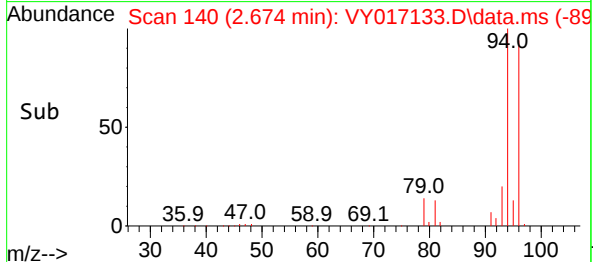
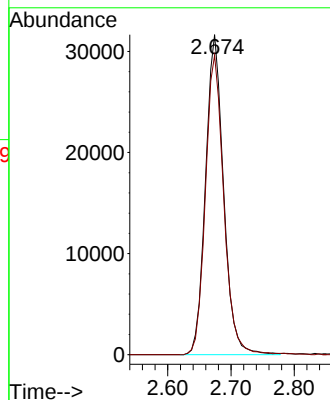
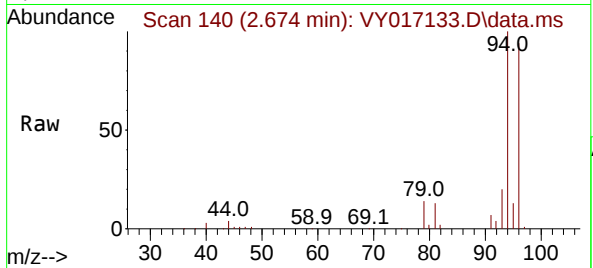




#5
Bromomethane
Concen: 49.237 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

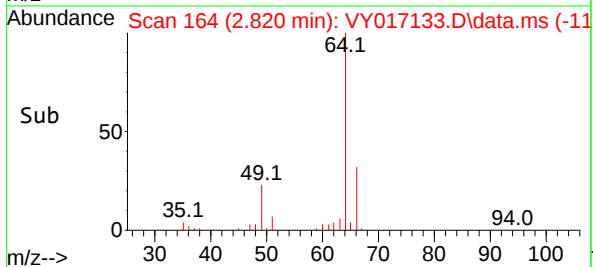
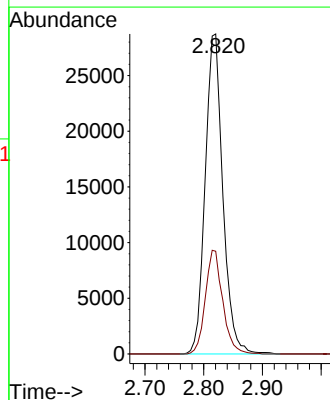
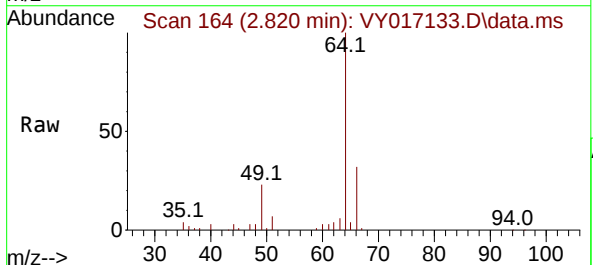
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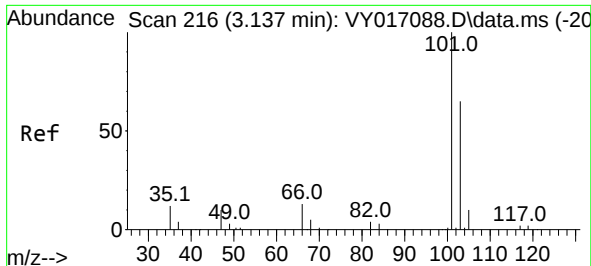
Tgt Ion: 94 Resp: 62841
Ion Ratio Lower Upper
94 100
96 93.6 77.3 115.9



#6
Chloroethane
Concen: 53.696 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 64 Resp: 60018
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7

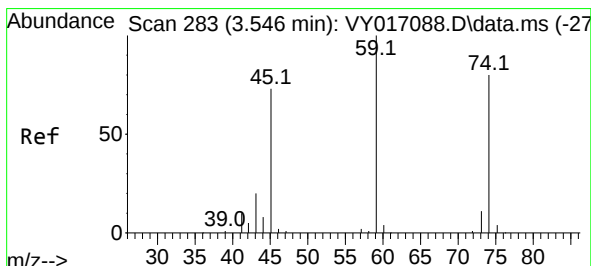
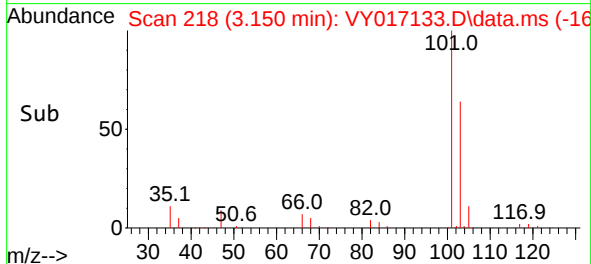
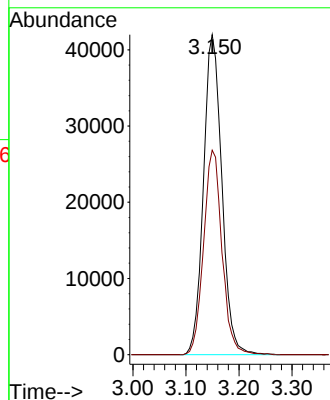
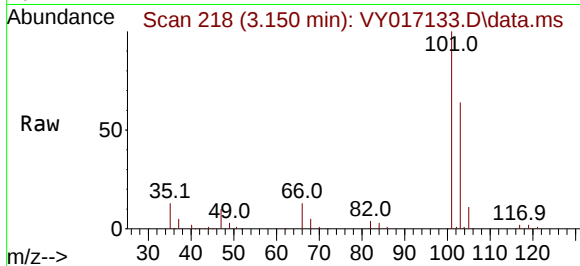




#7
 Trichlorofluoromethane
 Concen: 51.952 ug/l
 RT: 3.150 min Scan# 216
 Delta R.T. 0.013 min
 Lab File: VY017133.D
 Acq: 30 Jan 2024 09:31

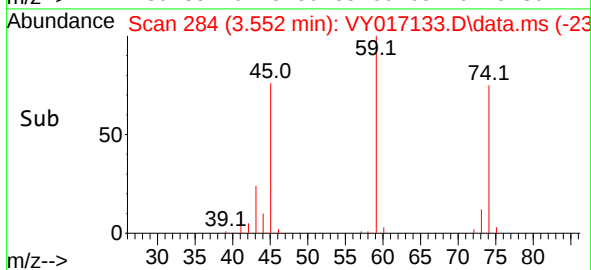
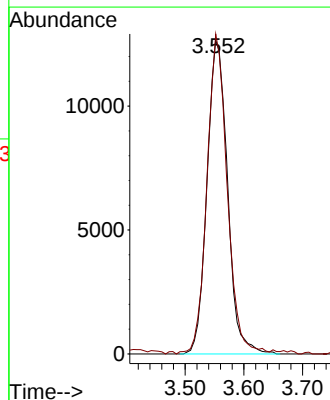
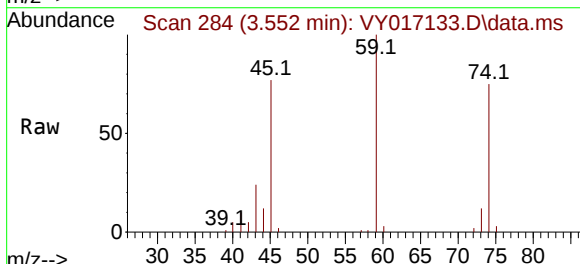
Instrument :
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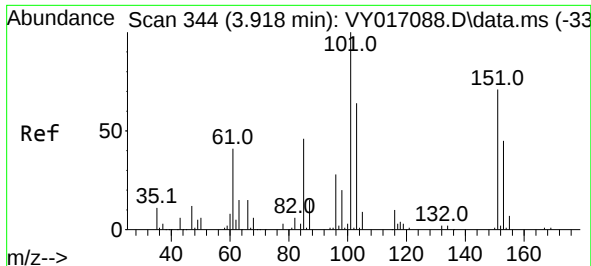
Tgt Ion:101 Resp: 100962
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 44.982 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.012 min
 Lab File: VY017133.D
 Acq: 30 Jan 2024 09:31

Tgt Ion: 74 Resp: 30699
 Ion Ratio Lower Upper
 74 100
 45 100.8 47.9 143.7

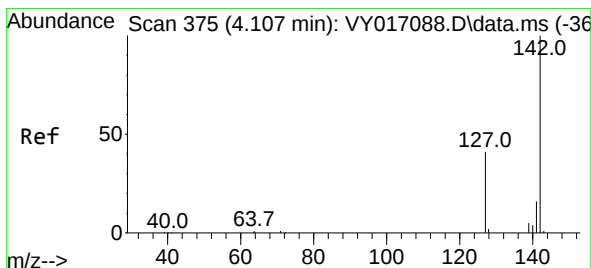
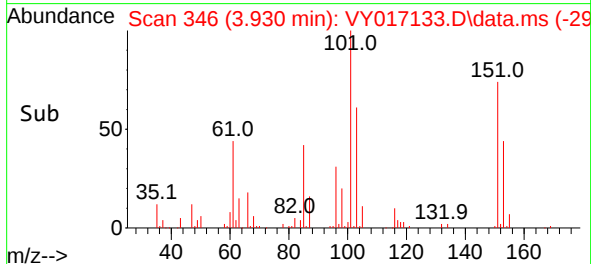
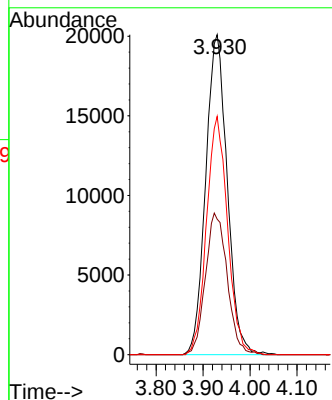
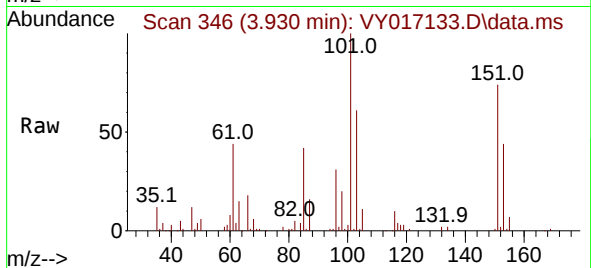




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.222 ug/l
RT: 3.930 min Scan# 344
Delta R.T. 0.019 min
Lab File: VY017133.D
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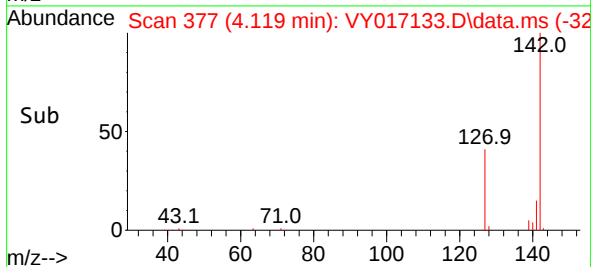
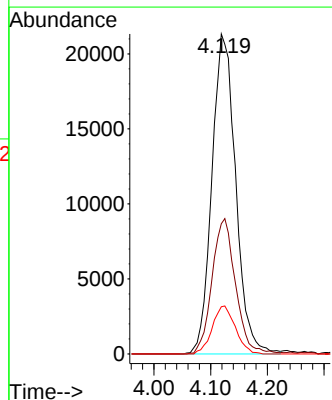
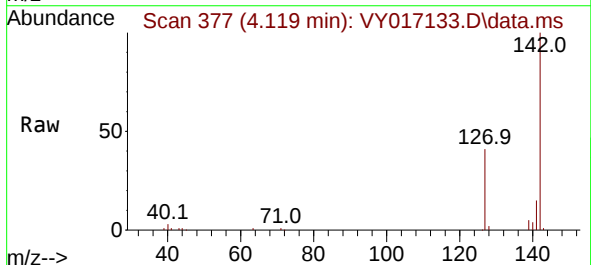
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

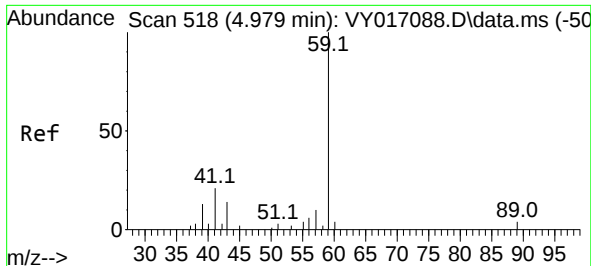
Tgt Ion:101 Resp: 63889
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.6
151 72.9 58.6 88.0



#10
Methyl Iodide
Concen: 49.311 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion:142 Resp: 62067
Ion Ratio Lower Upper
142 100
127 41.8 35.1 52.7
141 14.6 11.8 17.6

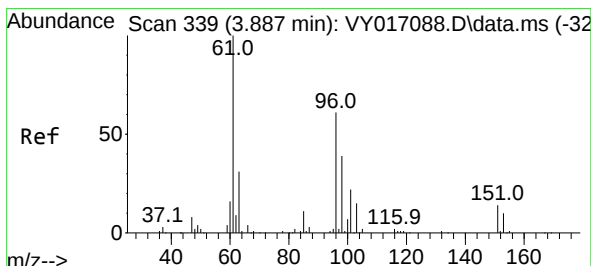
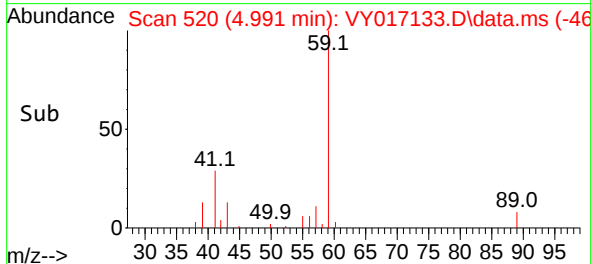
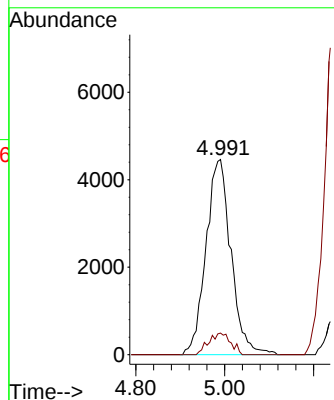
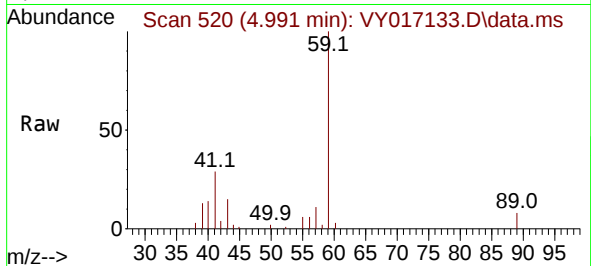




#11
Tert butyl alcohol
Concen: 202.829 ug/l
RT: 4.991 min Scan# 518
Delta R.T. 0.025 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

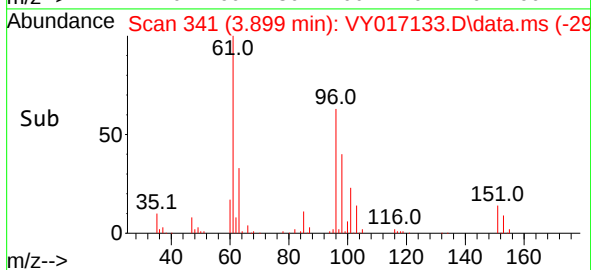
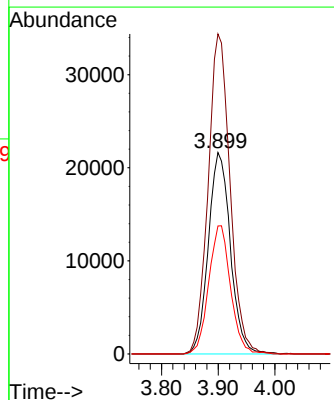
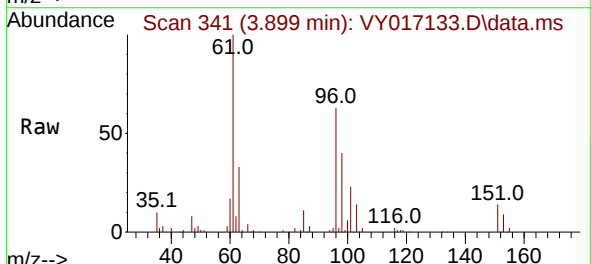
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

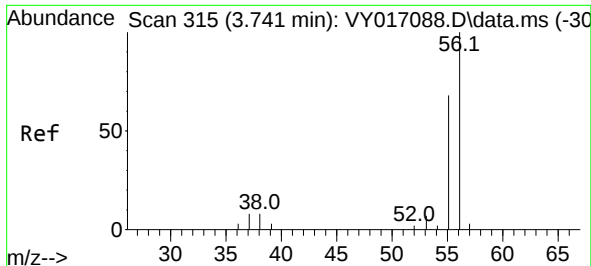
Tgt Ion: 59 Resp: 17444
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 48.258 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 96 Resp: 58527
Ion Ratio Lower Upper
96 100
61 158.8 124.2 186.2
98 63.5 52.6 79.0





#13

Acrolein

Concen: 196.347 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

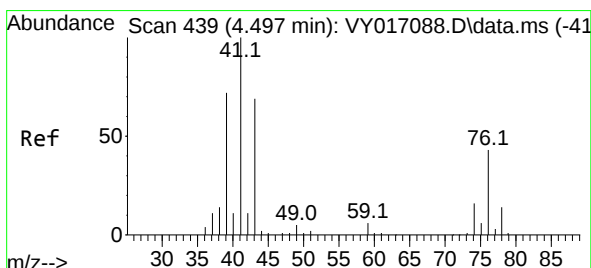
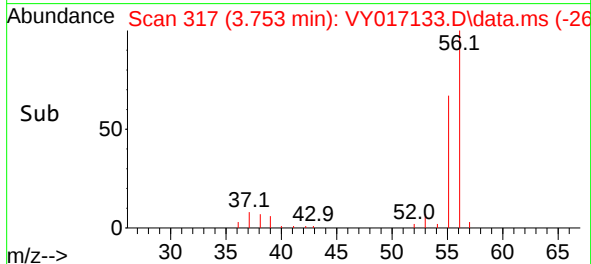
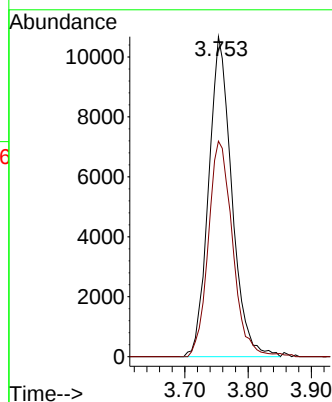
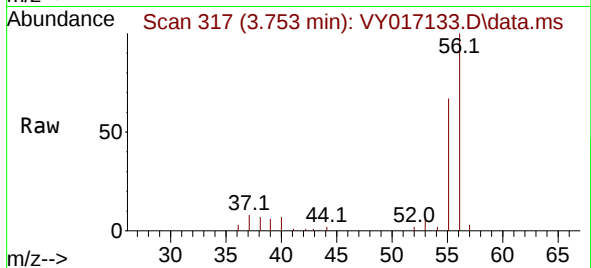
VSTDCCC050

Tgt Ion: 56 Resp: 27176

Ion Ratio Lower Upper

56 100

55 70.6 55.4 83.0



#14

Allyl chloride

Concen: 49.607 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

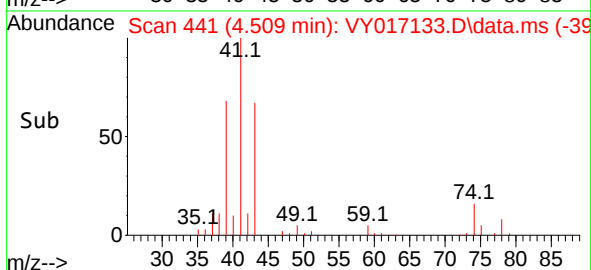
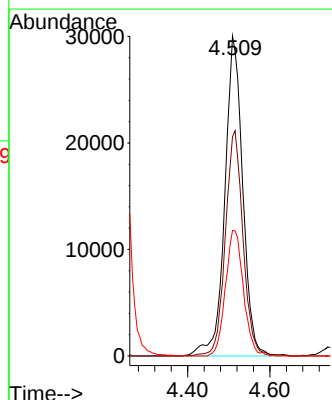
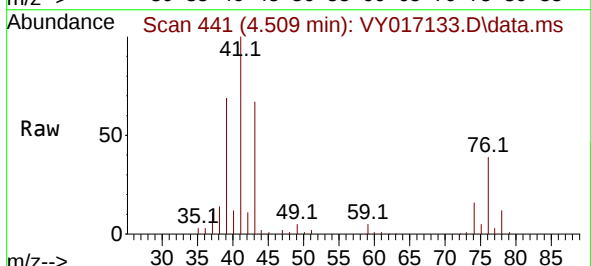
Tgt Ion: 41 Resp: 90936

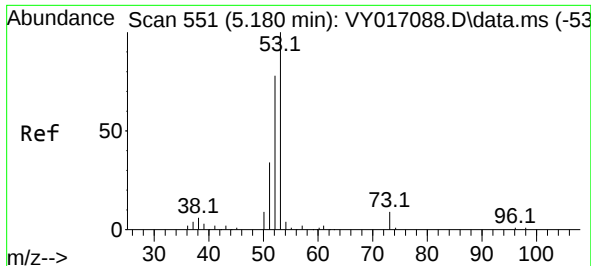
Ion Ratio Lower Upper

41 100

39 69.6 54.7 82.1

76 39.4 31.8 47.6

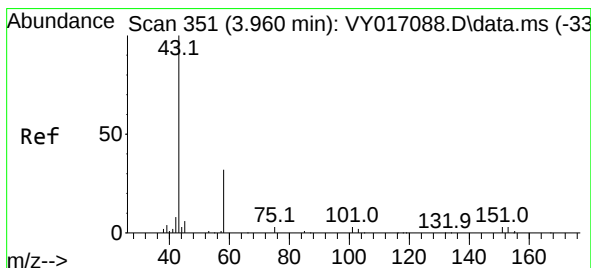
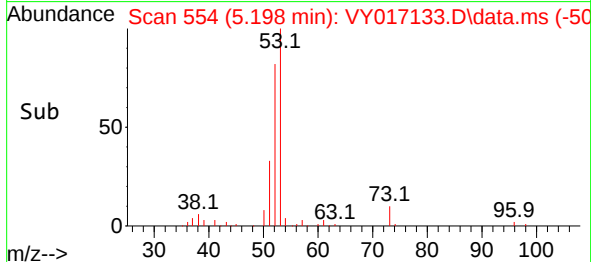
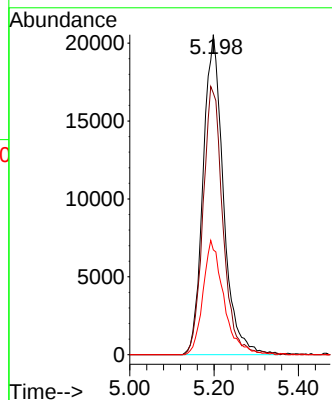
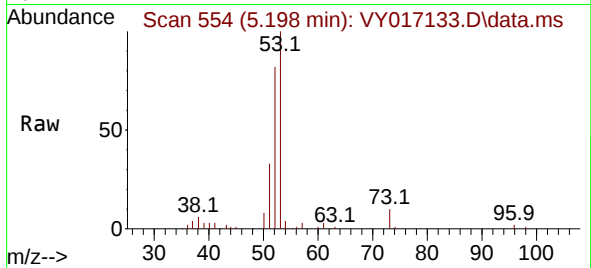




#15
Acrylonitrile
Concen: 232.659 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

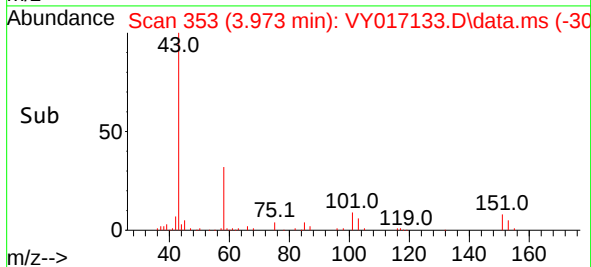
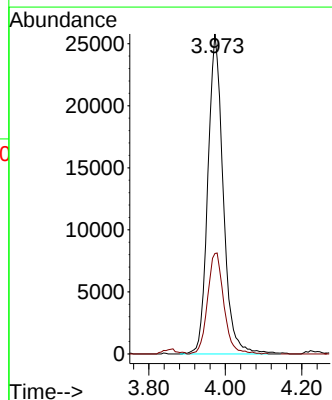
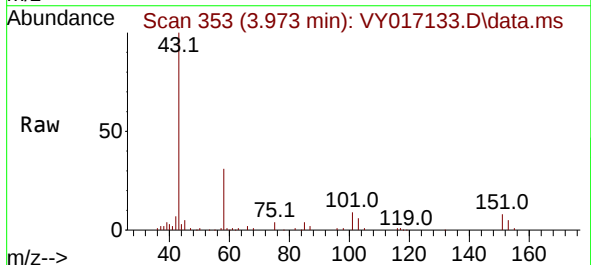
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

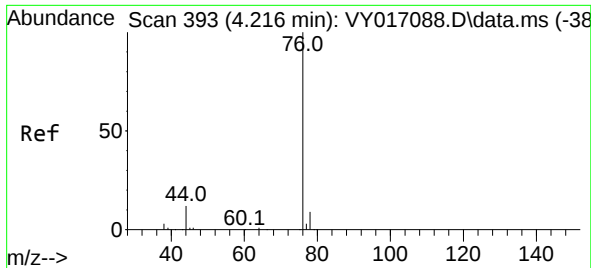
Tgt Ion: 53	Resp: 68912
Ion Ratio	Lower Upper
53	100
52	81.2 65.1 97.7
51	36.6 29.0 43.4



#16
Acetone
Concen: 227.853 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 43	Resp: 71833
Ion Ratio	Lower Upper
43	100
58	31.4 26.6 39.8

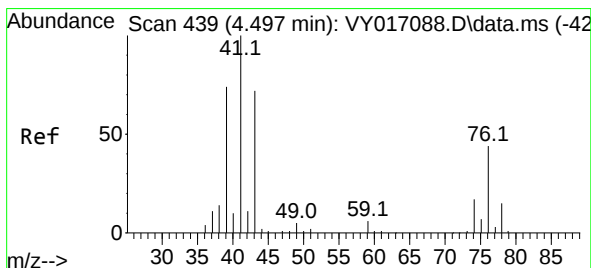
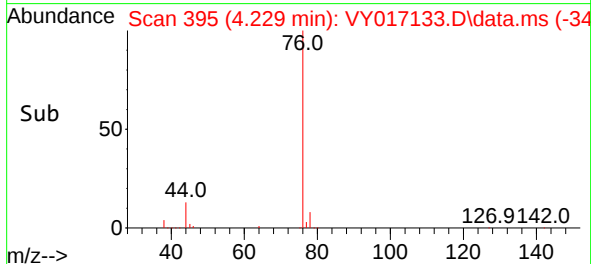
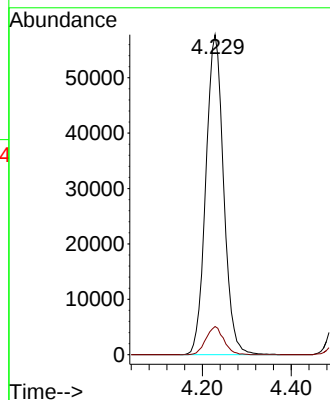
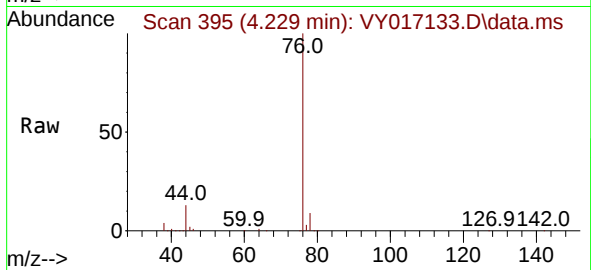




#17
Carbon Disulfide
Concen: 43.977 ug/l
RT: 4.229 min Scan# 395
Delta R.T. 0.019 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

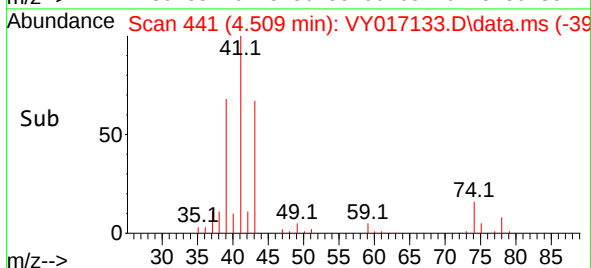
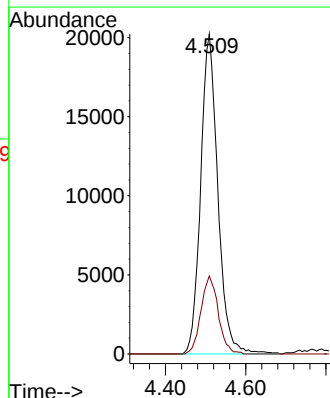
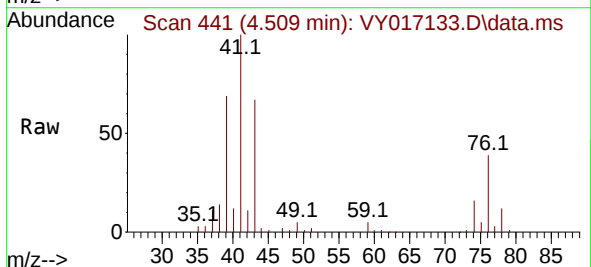
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

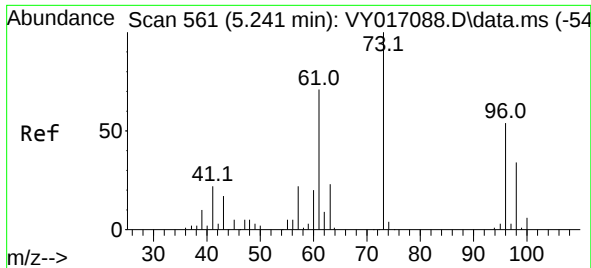
Tgt Ion: 76 Resp: 160751
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 50.732 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 43 Resp: 60062
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.6

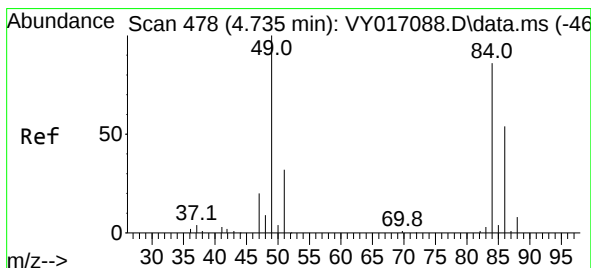
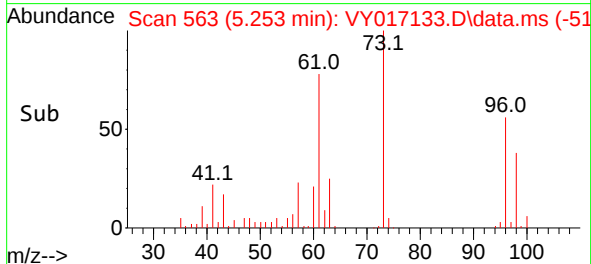
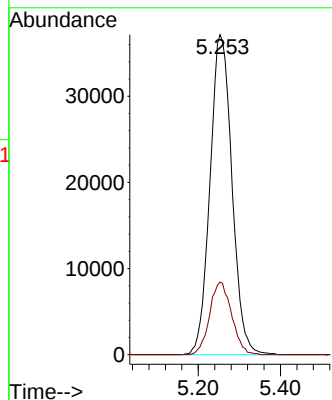
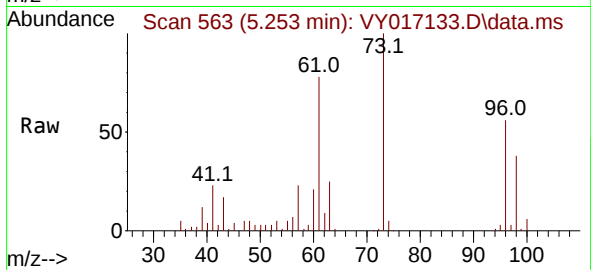




#19
Methyl tert-butyl Ether
Concen: 46.532 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

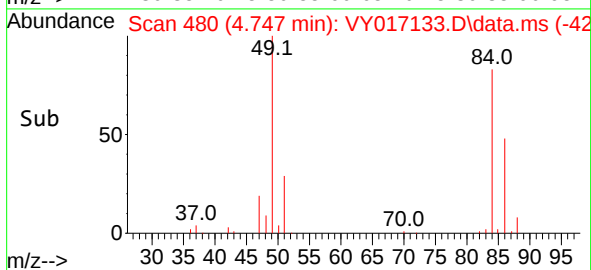
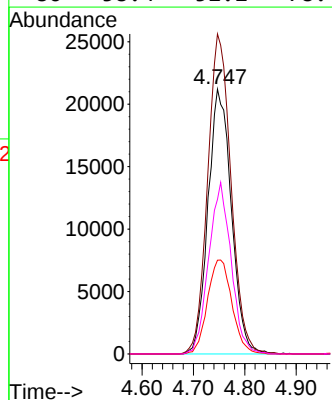
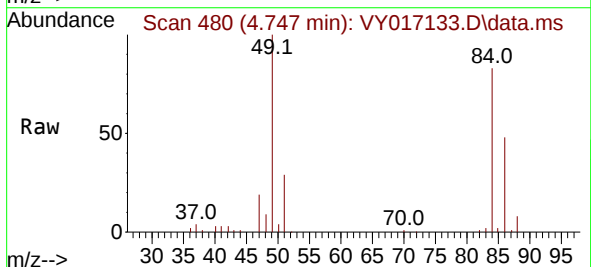
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

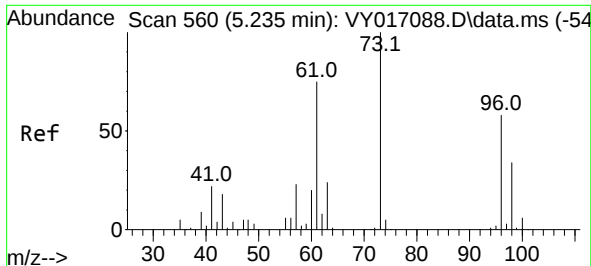
Tgt Ion: 73 Resp: 137712
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 52.494 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 84 Resp: 66977
Ion Ratio Lower Upper
84 100
49 120.8 95.2 142.8
51 35.4 29.9 44.9
86 58.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 48.001 ug/l

RT: 5.259 min Scan# 5

Delta R.T. 0.019 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

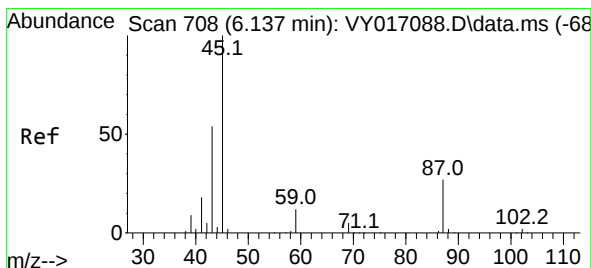
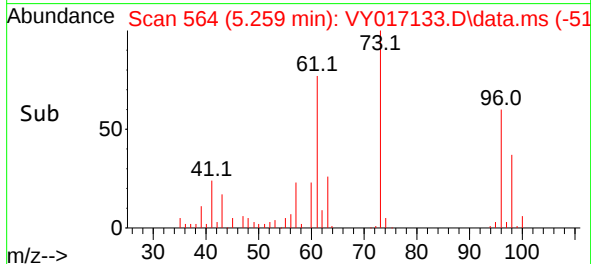
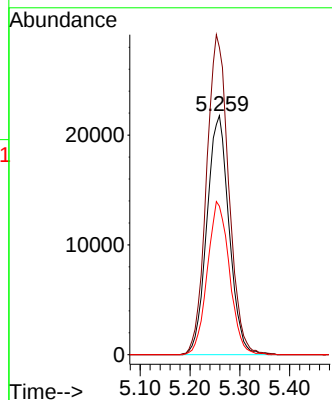
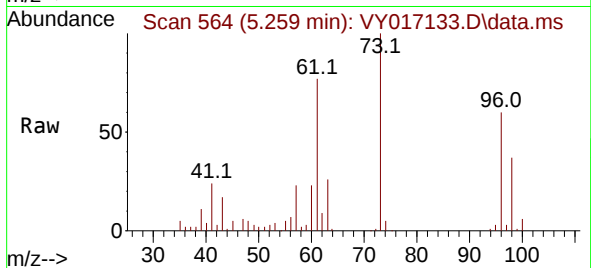
Tgt Ion: 96 Resp: 67336

Ion Ratio Lower Upper

96 100

61 128.5 104.6 156.8

98 62.1 50.9 76.3



#22

Diisopropyl ether

Concen: 51.375 ug/l

RT: 6.149 min Scan# 710

Delta R.T. 0.018 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Tgt Ion: 45 Resp: 207880

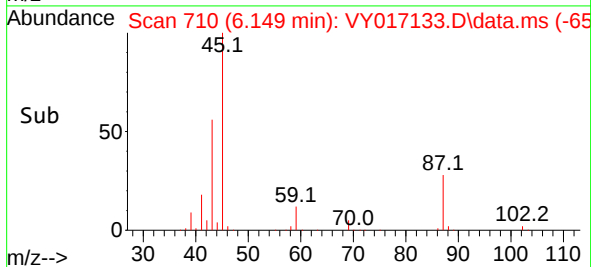
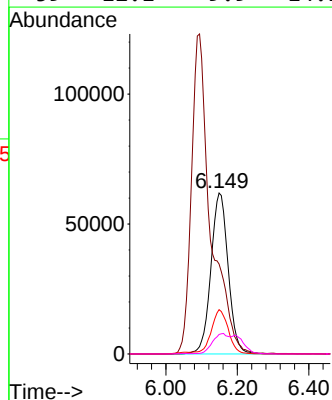
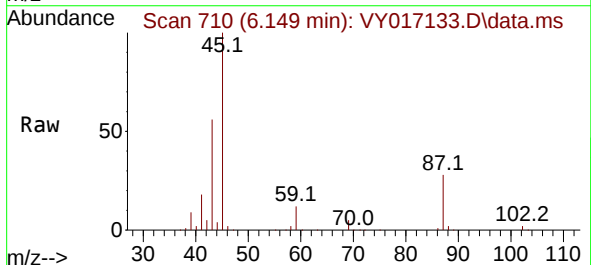
Ion Ratio Lower Upper

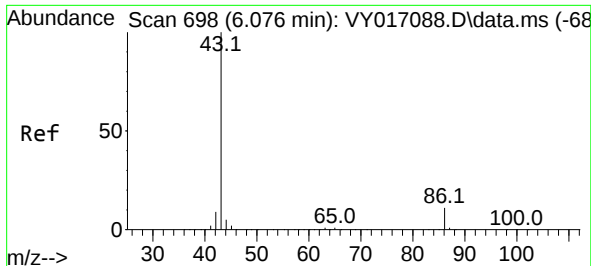
45 100

43 55.6 46.8 70.2

87 27.6 22.2 33.2

59 12.1 9.9 14.9

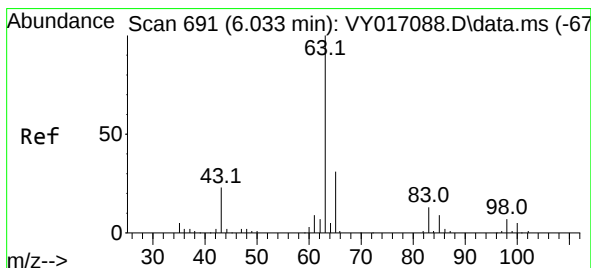
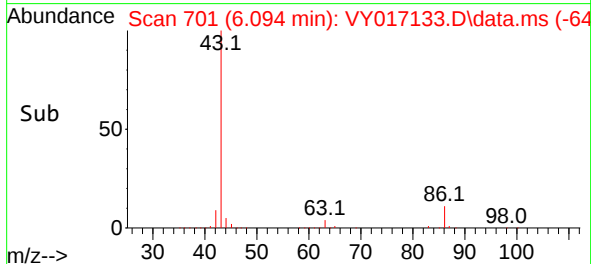
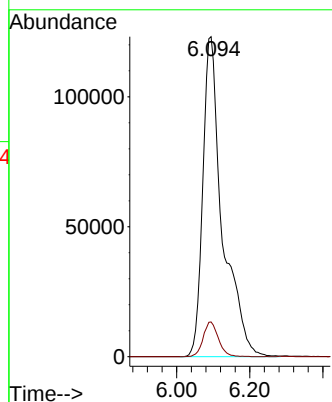
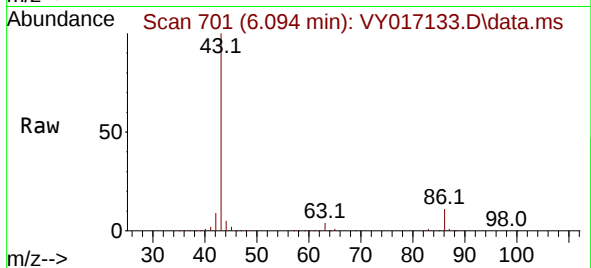




#23
Vinyl Acetate
Concen: 233.690 ug/l
RT: 6.094 min Scan# 701
Delta R.T. 0.018 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

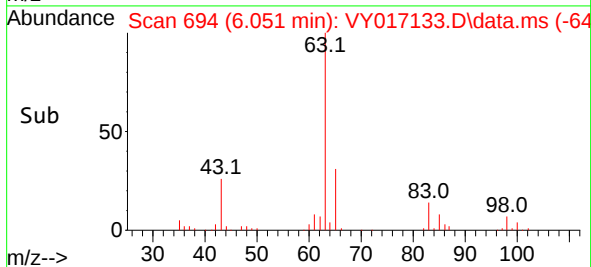
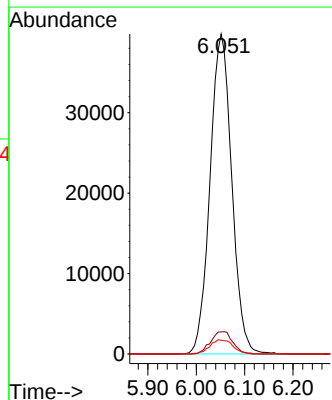
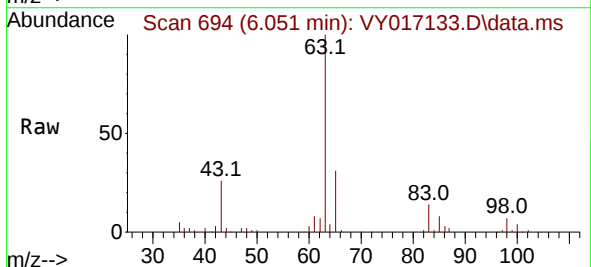
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

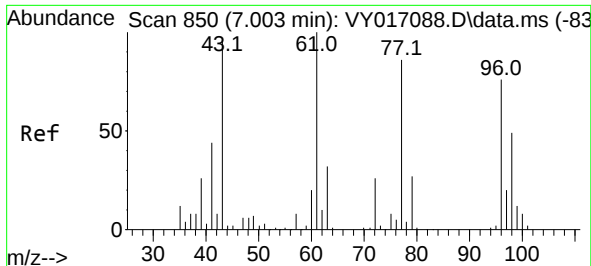
Tgt Ion: 43 Resp: 458686
Ion Ratio Lower Upper
43 100
86 10.8 8.6 13.0



#24
1,1-Dichloroethane
Concen: 50.309 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.018 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 63 Resp: 124166
Ion Ratio Lower Upper
63 100
98 6.9 3.8 11.4
100 4.3 2.1 6.2





#25

2-Butanone

Concen: 214.024 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

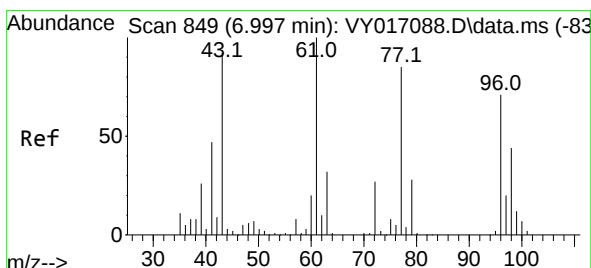
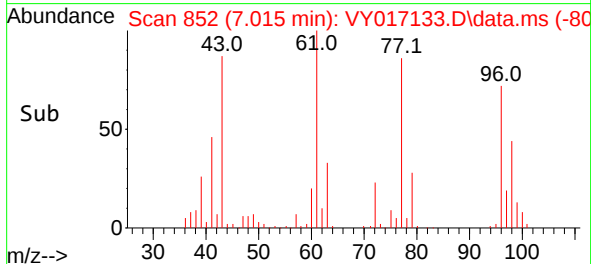
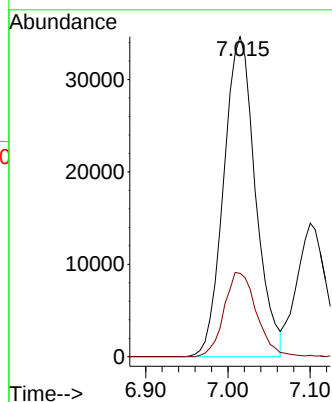
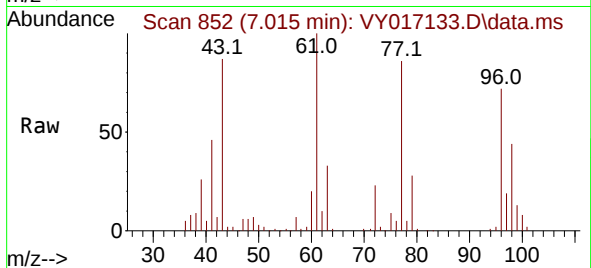
VSTDCCC050

Tgt Ion: 43 Resp: 93086

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.503 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY017133.D

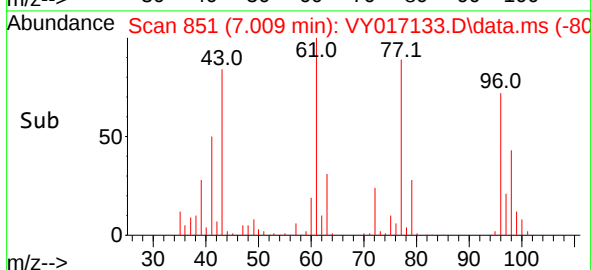
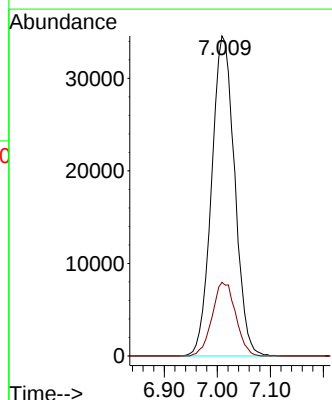
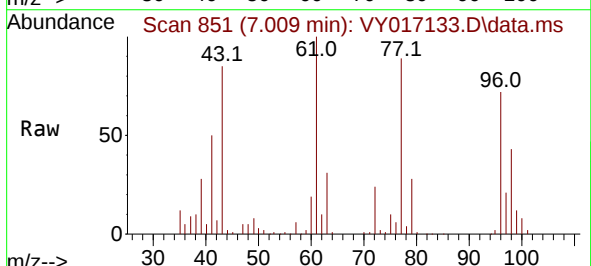
Acq: 30 Jan 2024 09:31

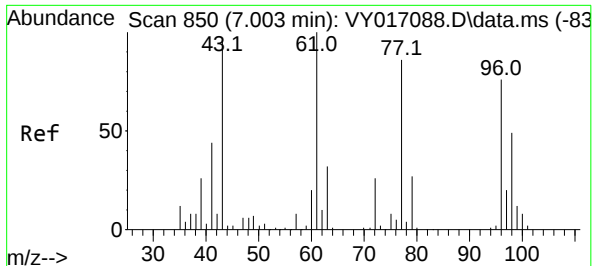
Tgt Ion: 77 Resp: 104351

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.533 ug/l

RT: 7.015 min Scan# 850

Delta R.T. 0.013 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

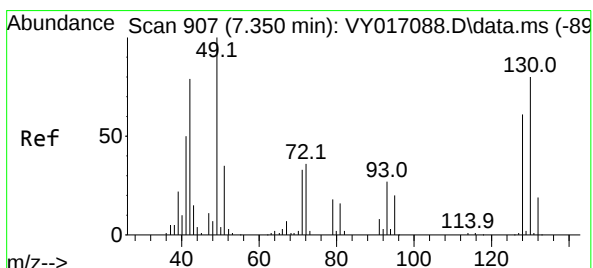
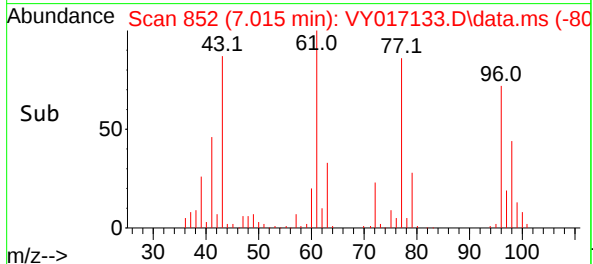
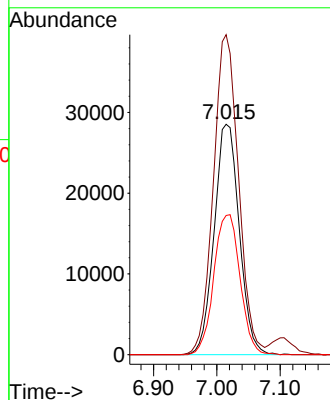
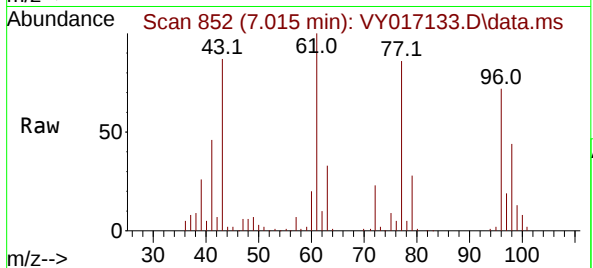
Tgt Ion: 96 Resp: 78555

Ion Ratio Lower Upper

96 100

61 139.1 0.0 278.8

98 63.5 0.0 127.0



#28

Bromochloromethane

Concen: 54.012 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

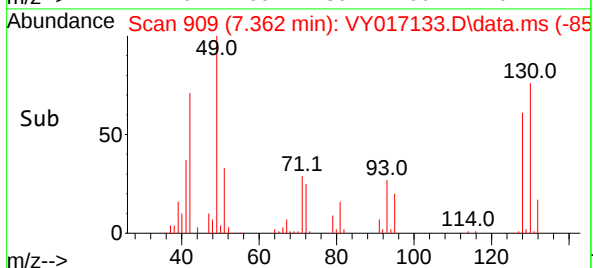
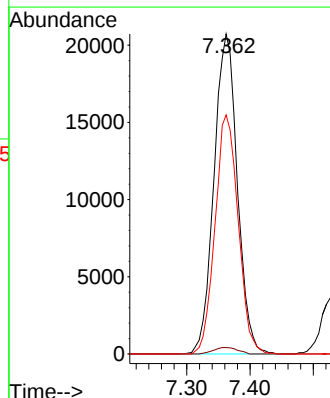
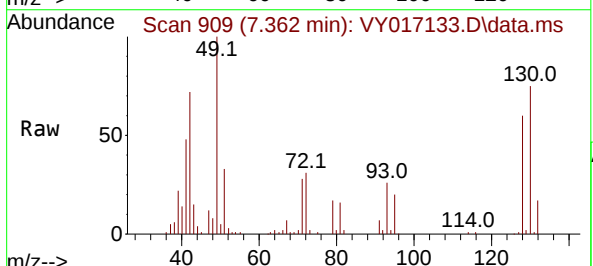
Tgt Ion: 49 Resp: 53070

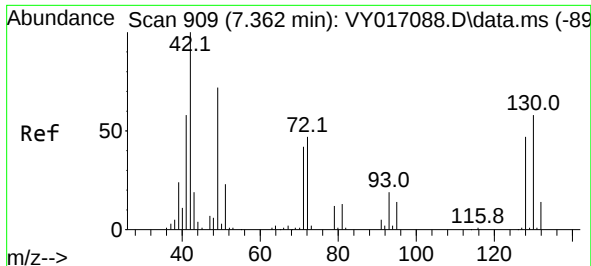
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 73.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 229.394 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

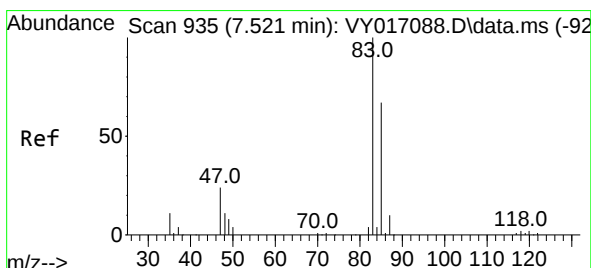
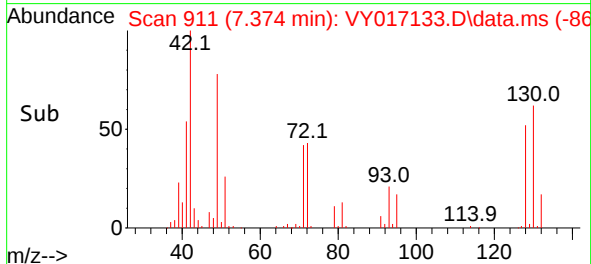
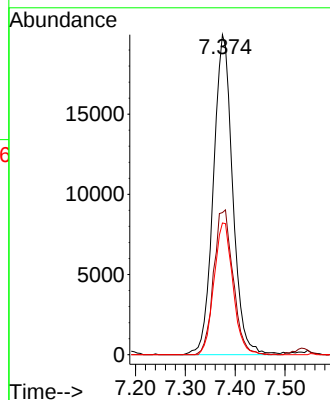
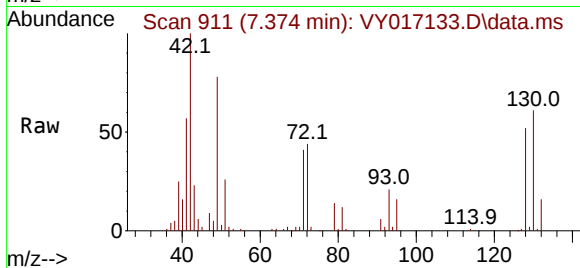
Tgt Ion: 42 Resp: 53682

Ion Ratio Lower Upper

42 100

72 45.4 36.6 54.8

71 40.3 33.8 50.6



#30

Chloroform

Concen: 50.126 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY017133.D

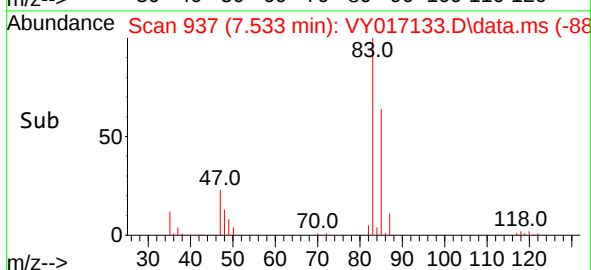
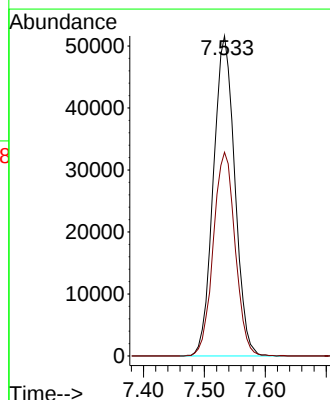
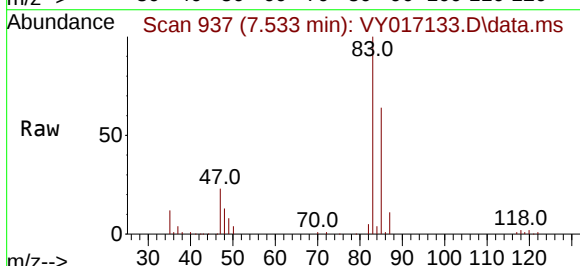
Acq: 30 Jan 2024 09:31

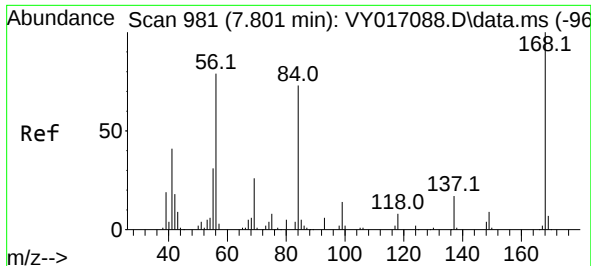
Tgt Ion: 83 Resp: 125972

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

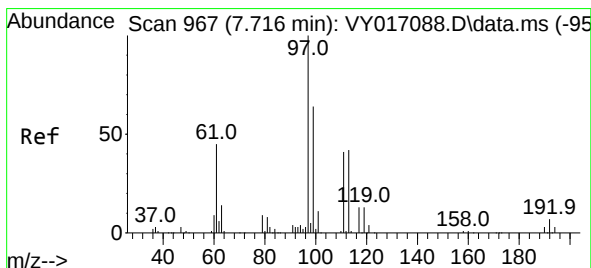
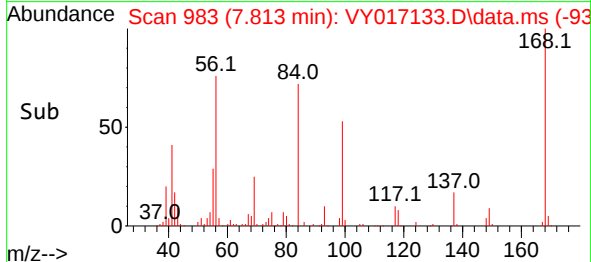
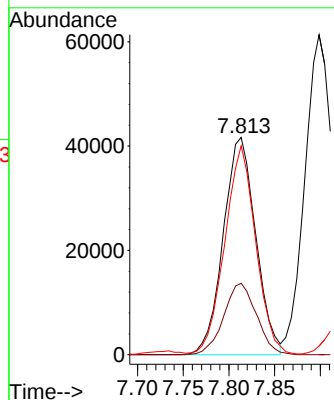
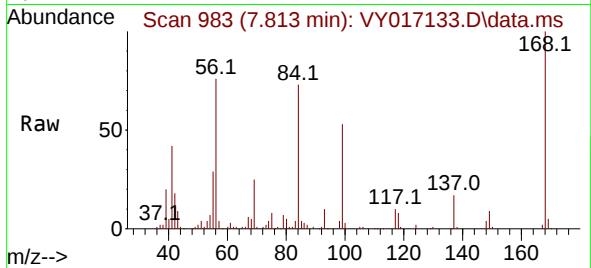




#31
Cyclohexane
Concen: 50.278 ug/l
RT: 7.813 min Scan# 913
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

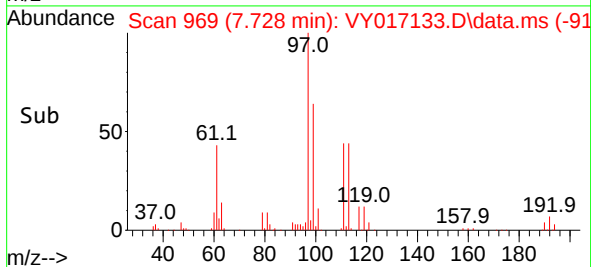
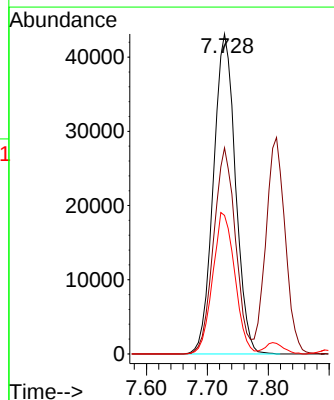
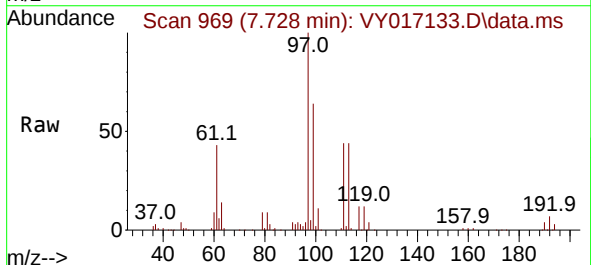
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

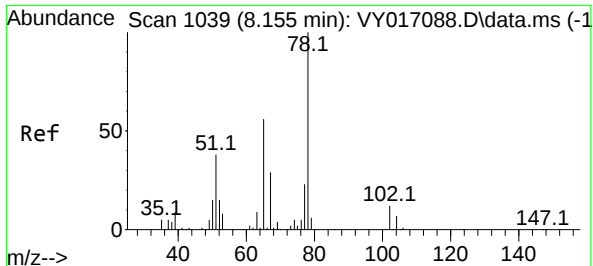
Tgt Ion: 56 Resp: 102906
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.6
84 95.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 50.326 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 97 Resp: 108451
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.947 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

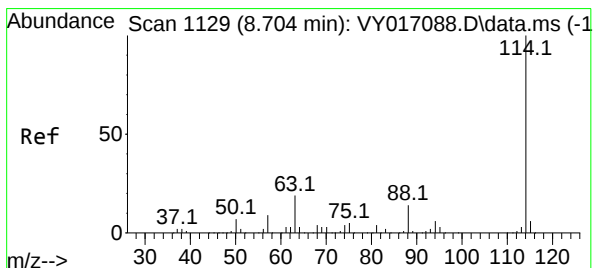
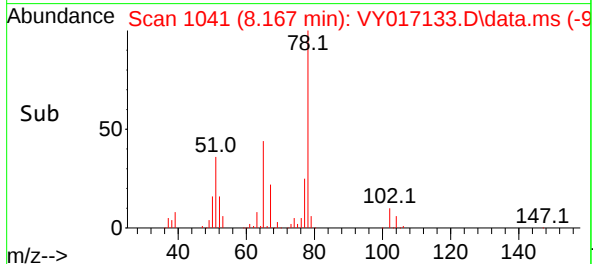
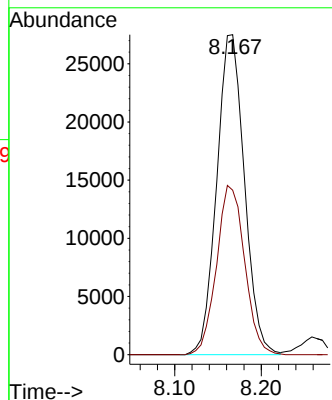
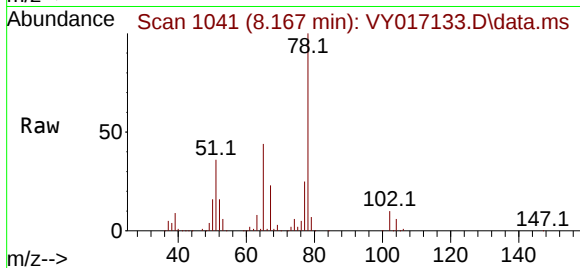
VSTDCCC050

Tgt Ion: 65 Resp: 61104

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

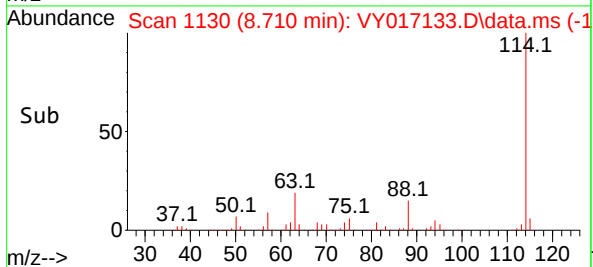
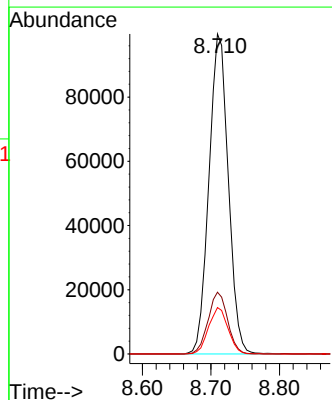
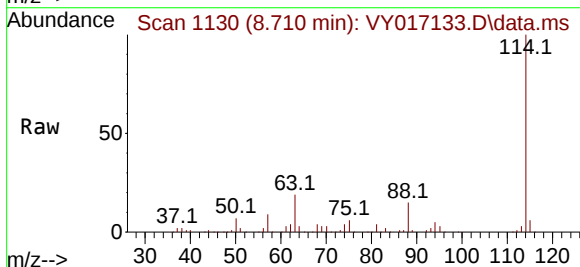
Tgt Ion: 114 Resp: 195320

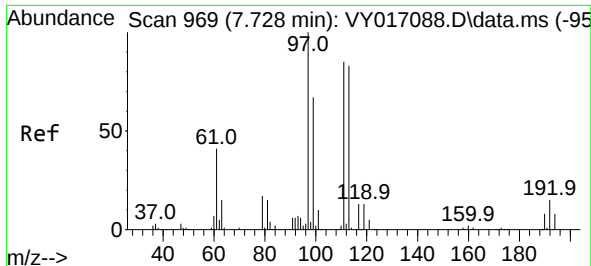
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 14.5 0.0 29.0

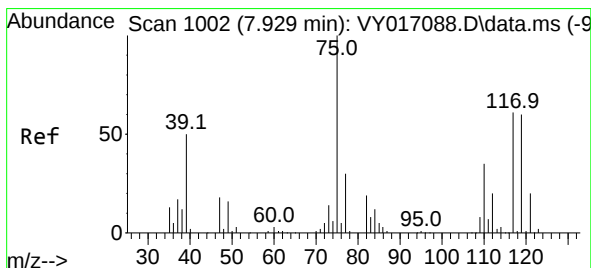
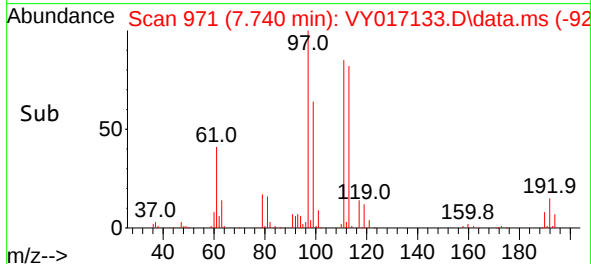
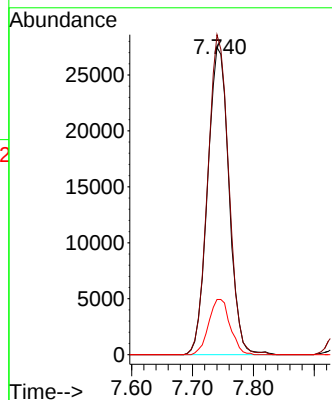
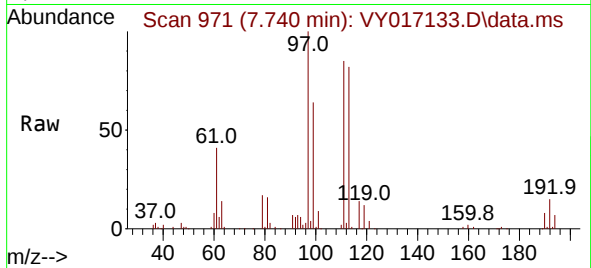




#35
Dibromofluoromethane
Concen: 56.682 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

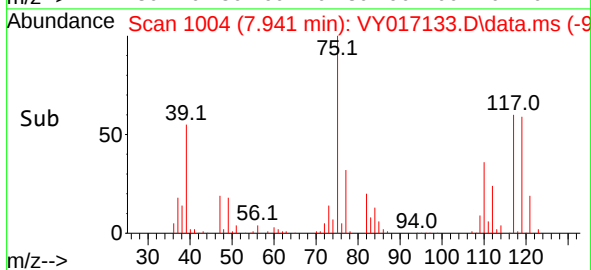
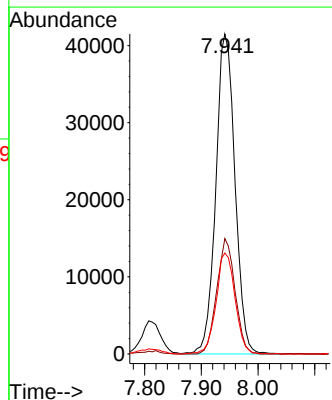
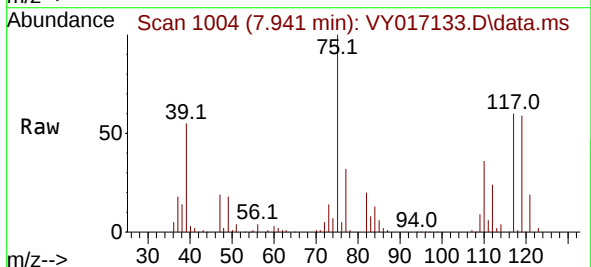
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

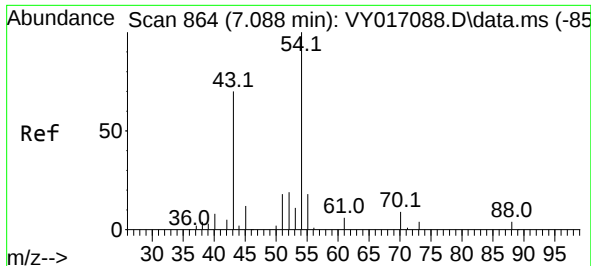
Tgt Ion:113 Resp: 66819
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 50.170 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 75 Resp: 97309
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.3
77 31.3 24.7 37.1

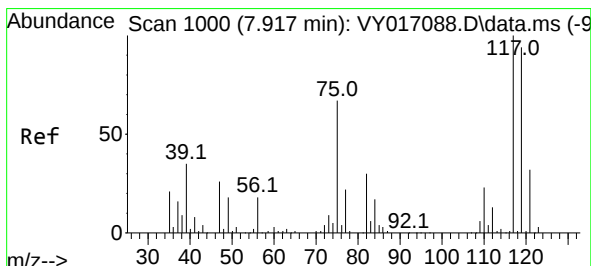
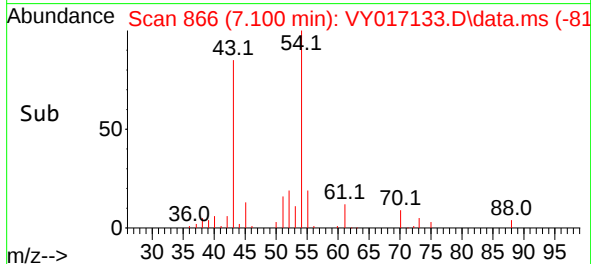
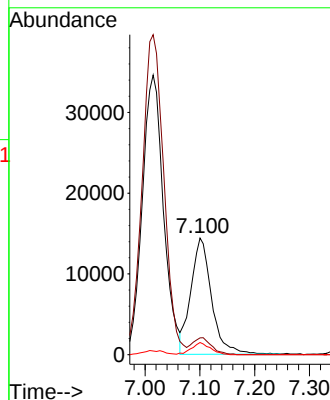
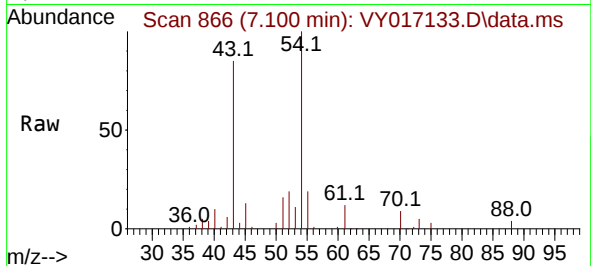




#37
Ethyl Acetate
Concen: 45.484 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

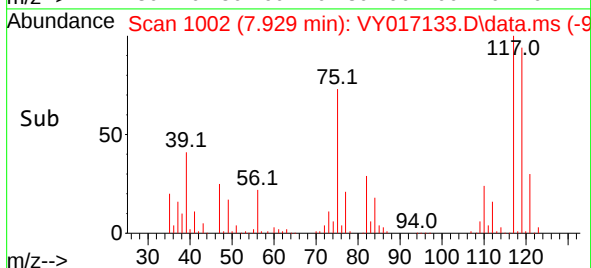
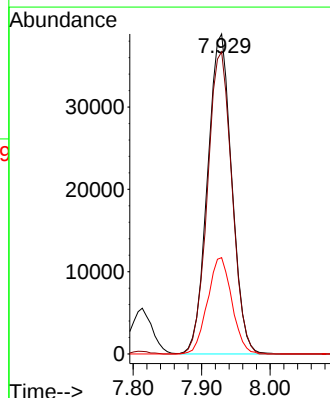
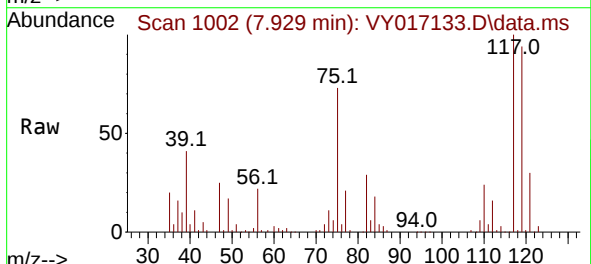
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

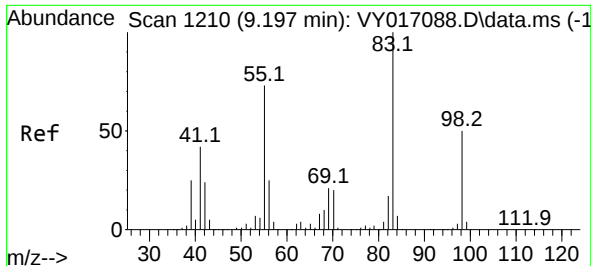
Tgt Ion: 43	Resp: 37933
Ion Ratio	Lower Upper
43 100	
61 13.5	11.0 16.6
70 9.4	8.1 12.1



#38
Carbon Tetrachloride
Concen: 50.309 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 117	Resp: 95623
Ion Ratio	Lower Upper
117 100	
119 94.4	76.0 114.0
121 30.1	24.2 36.2





#39

Methylcyclohexane

Concen: 49.071 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

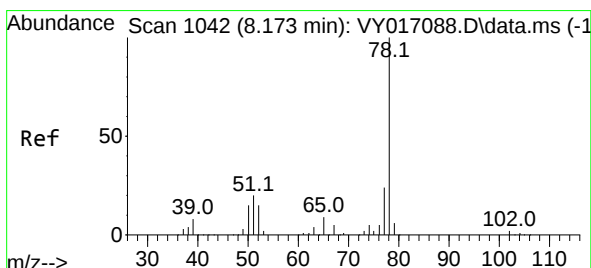
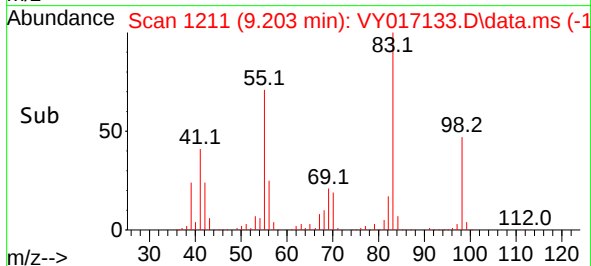
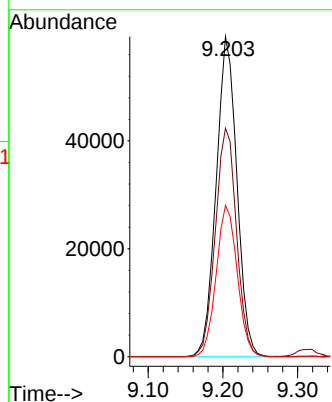
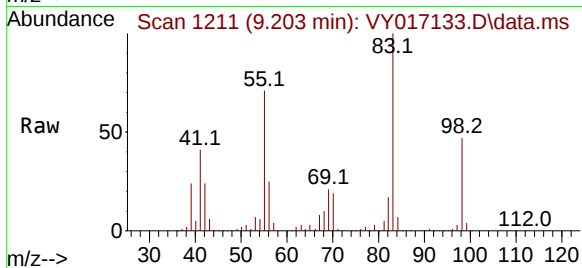
Tgt Ion: 83 Resp: 114474

Ion Ratio Lower Upper

83 100

55 71.4 59.7 89.5

98 47.2 38.0 57.0



#40

Benzene

Concen: 50.683 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY017133.D

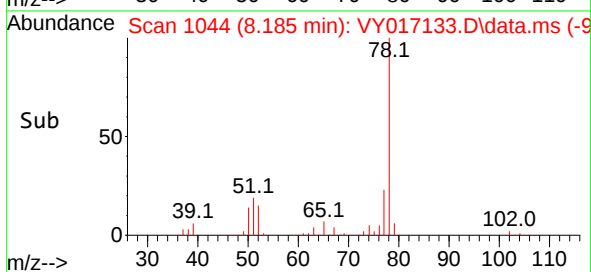
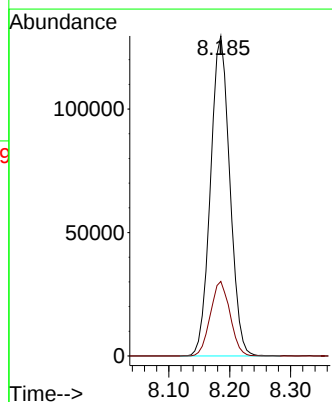
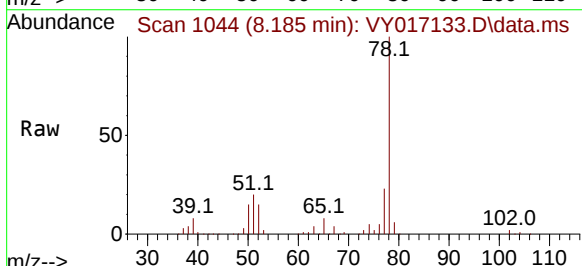
Acq: 30 Jan 2024 09:31

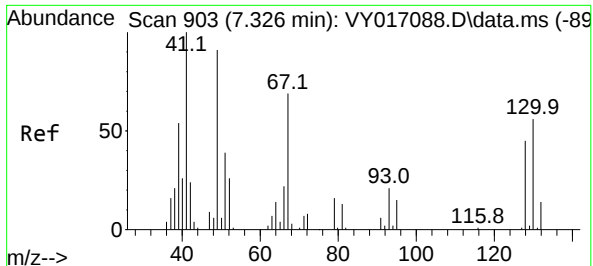
Tgt Ion: 78 Resp: 285487

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2



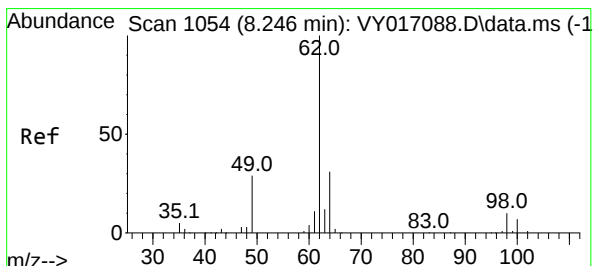
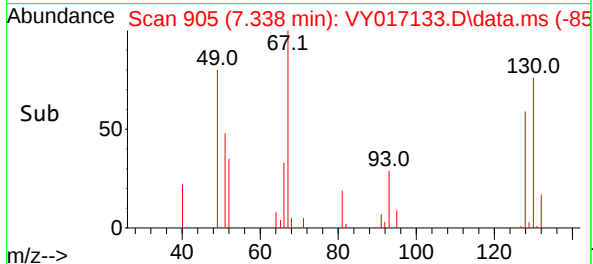
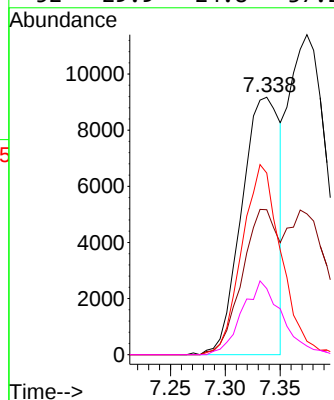
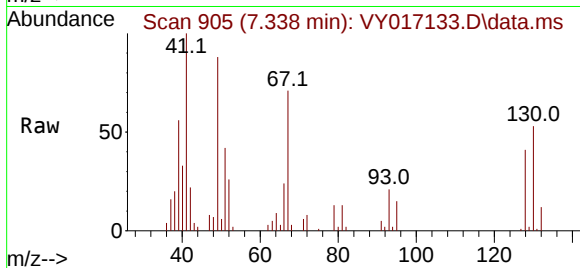


#41
Methacrylonitrile
Concen: 49.900 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.019 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 22257

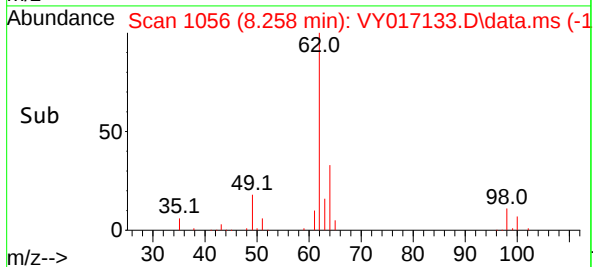
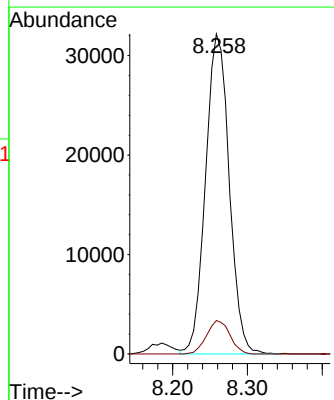
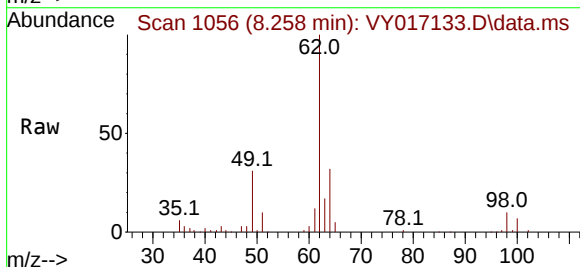
Ion	Ratio	Lower	Upper
41	100		
39	53.6	41.9	62.9
67	75.9	59.8	89.6
52	29.9	24.8	37.2

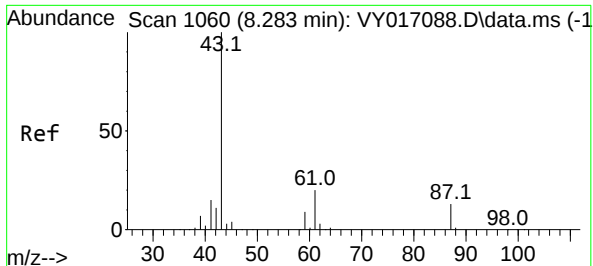


#42
1,2-Dichloroethane
Concen: 48.548 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 62 Resp: 70896

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

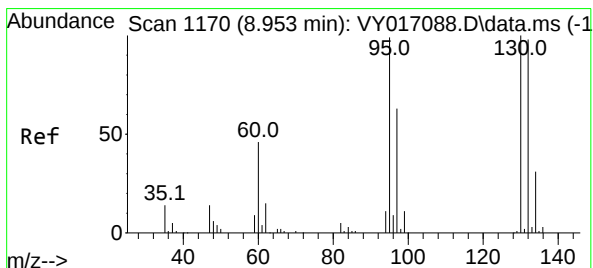
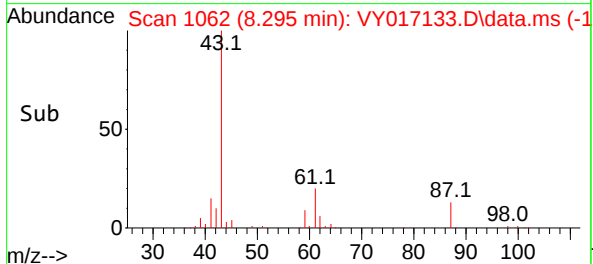
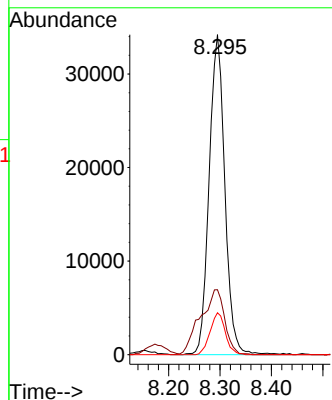
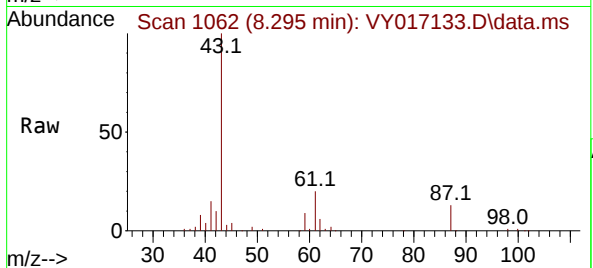




#43
Isopropyl Acetate
Concen: 46.559 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

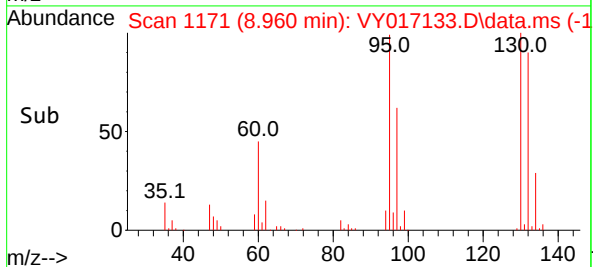
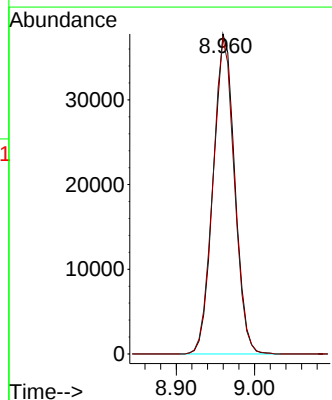
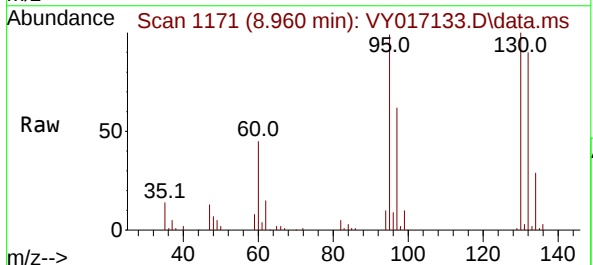
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

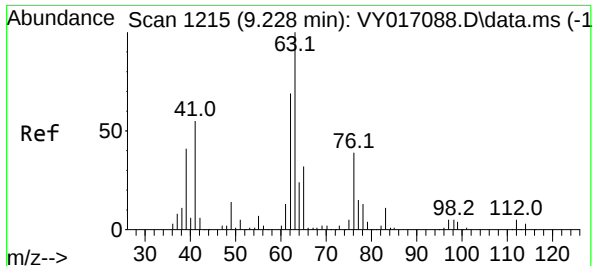
Tgt Ion: 43 Resp: 72489
Ion Ratio Lower Upper
43 100
61 31.3 24.8 37.2
87 12.7 10.7 16.1



#44
Trichloroethene
Concen: 49.940 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.013 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion:130 Resp: 72148
Ion Ratio Lower Upper
130 100
95 98.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 51.496 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

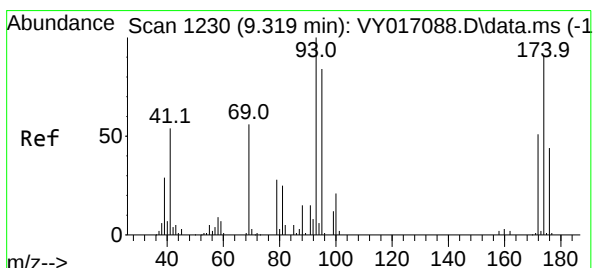
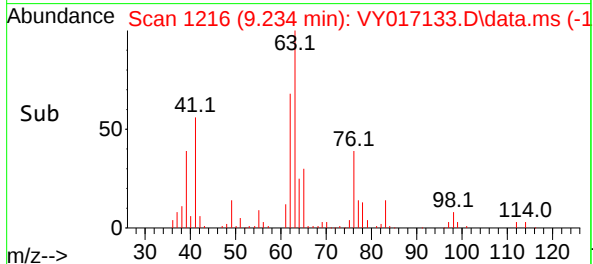
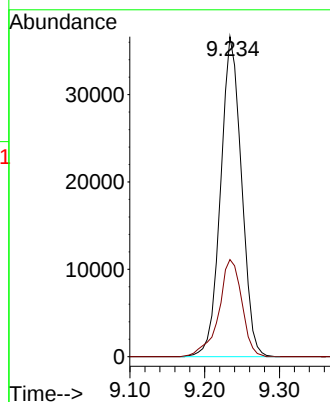
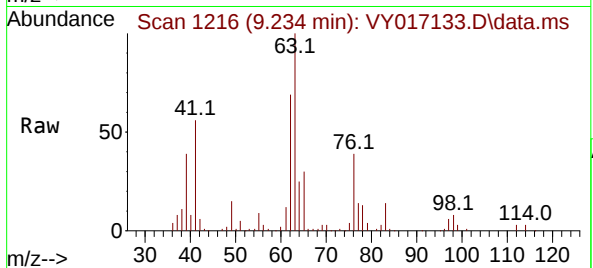
VSTDCCC050

Tgt Ion: 63 Resp: 71195

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



#46

Dibromomethane

Concen: 48.099 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

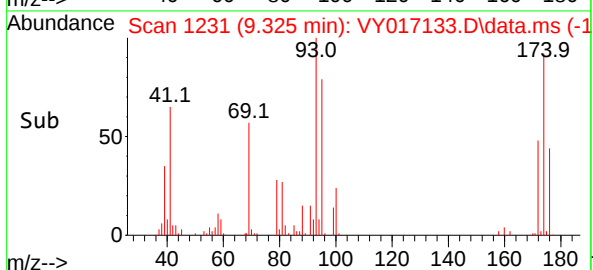
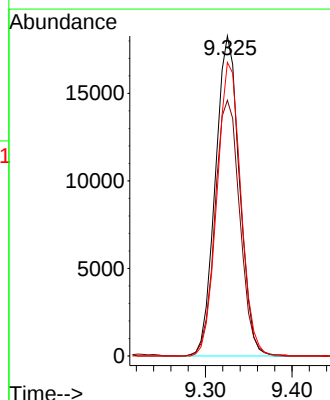
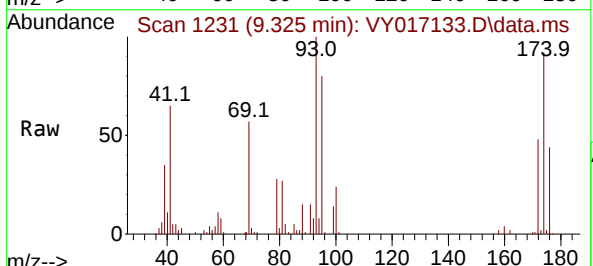
Tgt Ion: 93 Resp: 35316

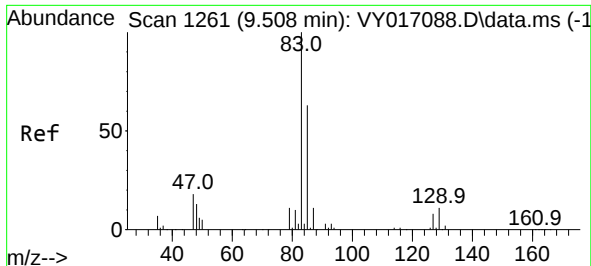
Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

174 90.9 73.8 110.6

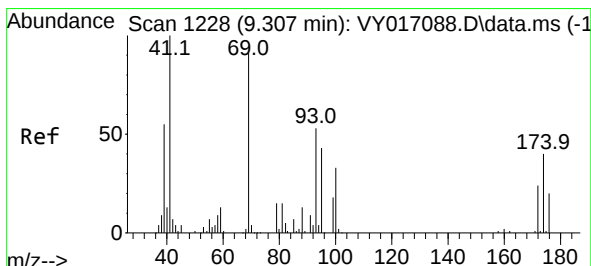
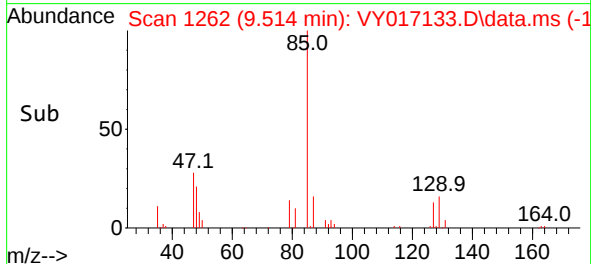
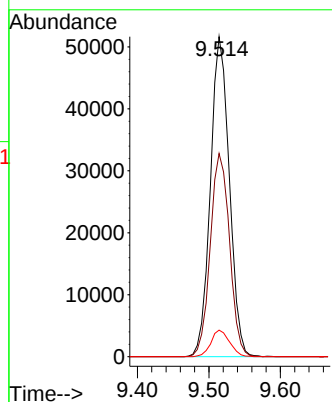
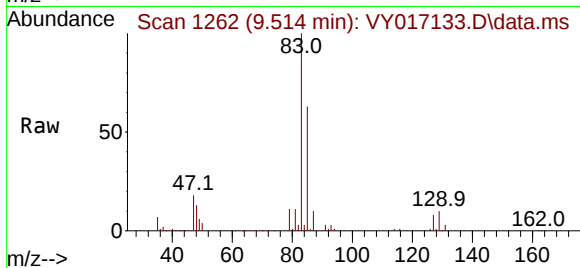




#47
Bromodichloromethane
Concen: 50.727 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

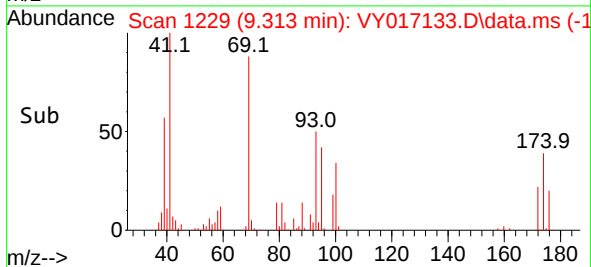
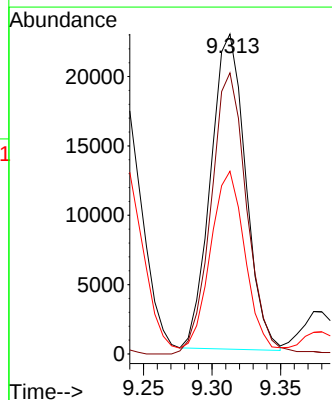
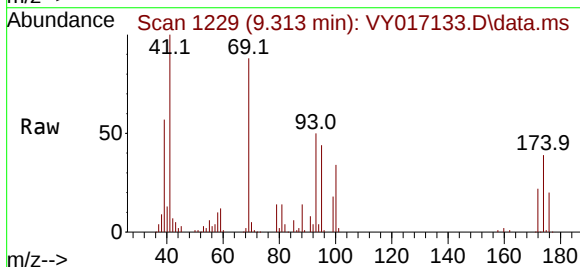
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

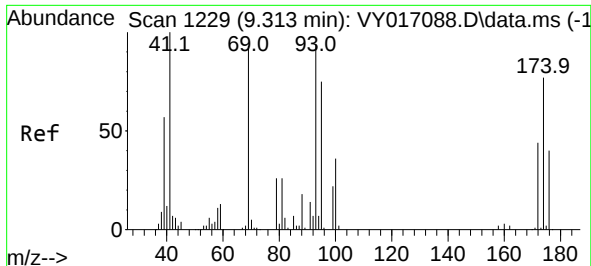
Tgt Ion: 83 Resp: 94755
Ion Ratio Lower Upper
83 100
85 63.5 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 46.619 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 41 Resp: 40300
Ion Ratio Lower Upper
41 100
69 91.4 72.1 108.1
39 54.6 42.8 64.2





#49

1,4-Dioxane

Concen: 1009.236 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

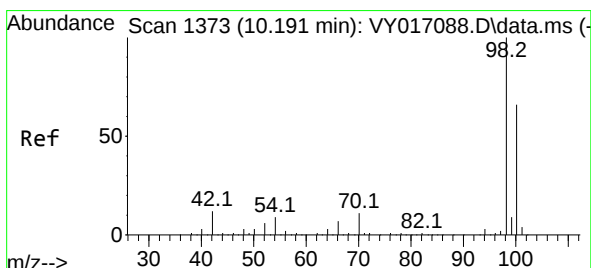
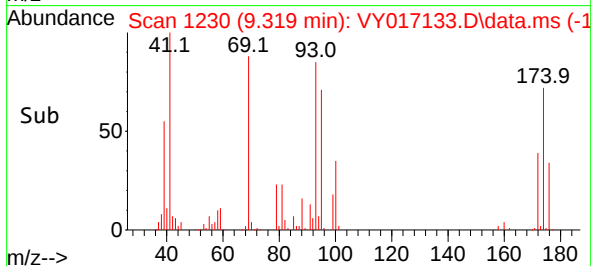
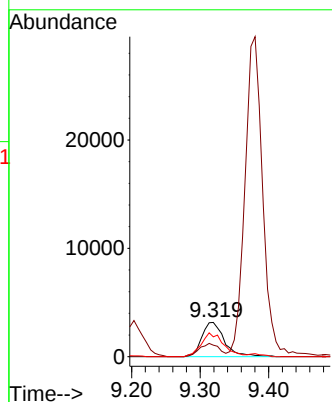
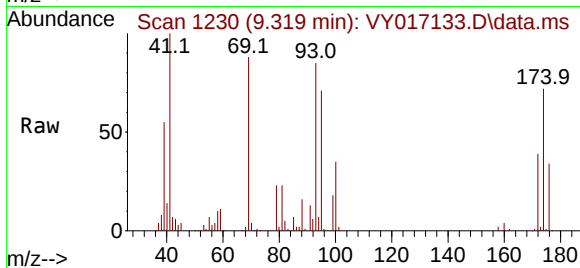
Tgt Ion: 88 Resp: 7288

Ion Ratio Lower Upper

88 100

43 33.7 28.2 42.4

58 69.4 52.2 78.2



#50

Toluene-d8

Concen: 56.921 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017133.D

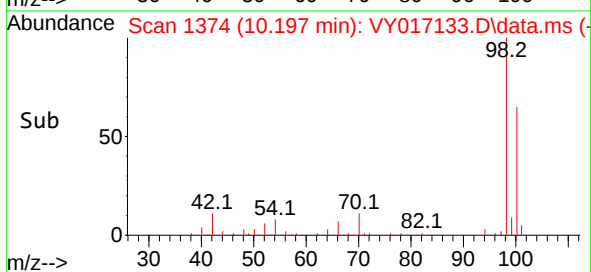
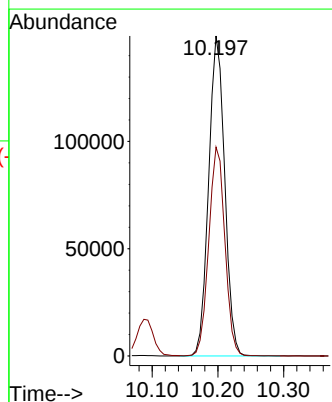
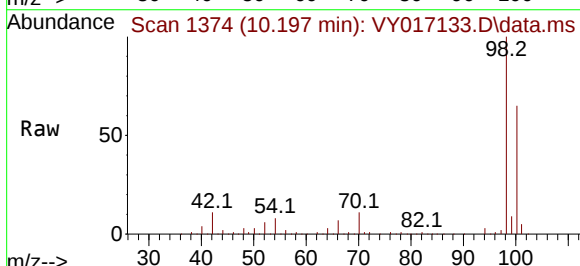
Acq: 30 Jan 2024 09:31

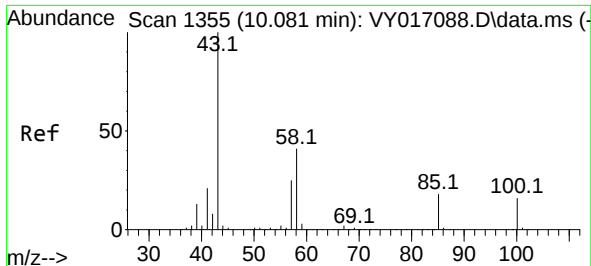
Tgt Ion: 98 Resp: 253442

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

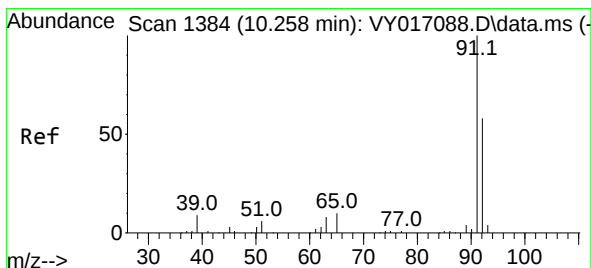
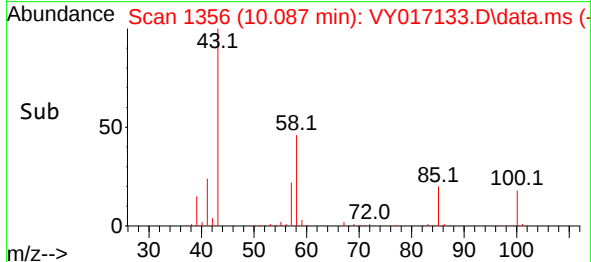
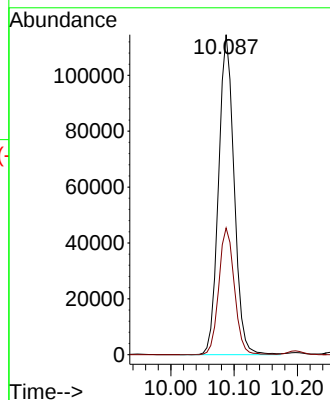
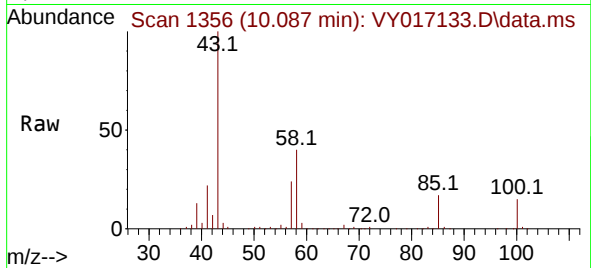




#51
4-Methyl-2-Pentanone
Concen: 235.609 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

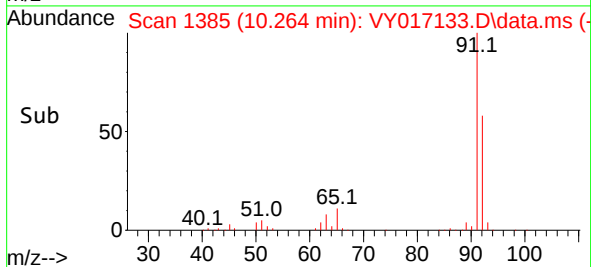
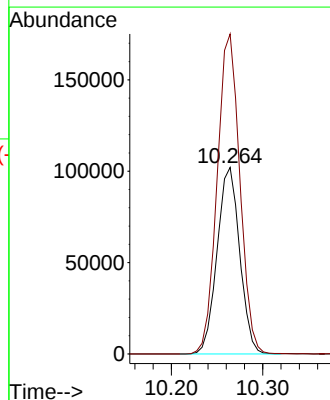
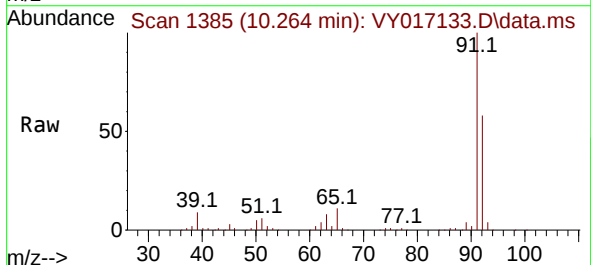
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

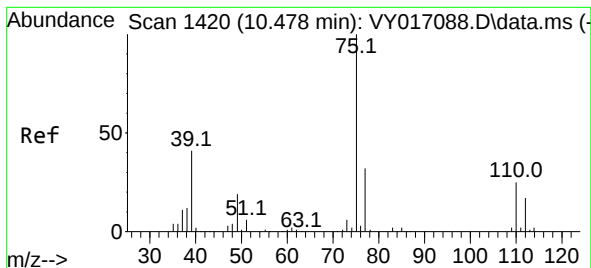
Tgt Ion: 43 Resp: 195133
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 51.417 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 92 Resp: 175298
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4

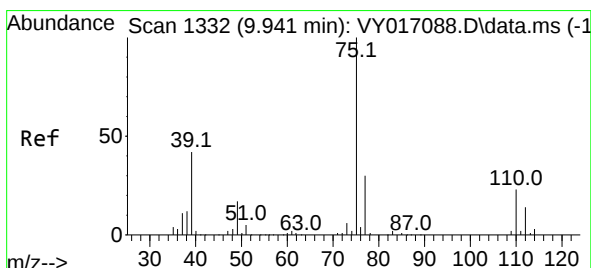
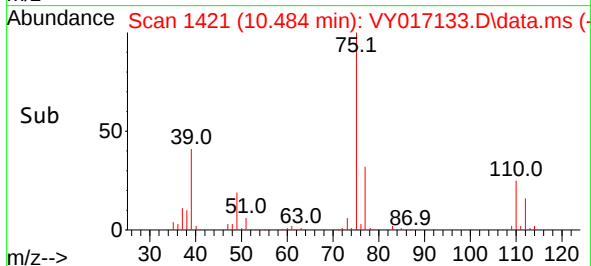
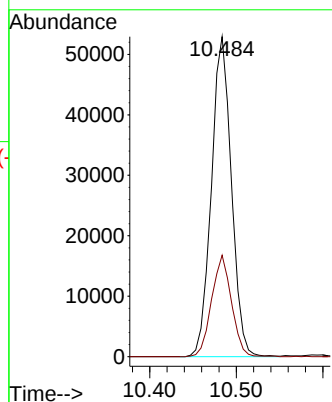
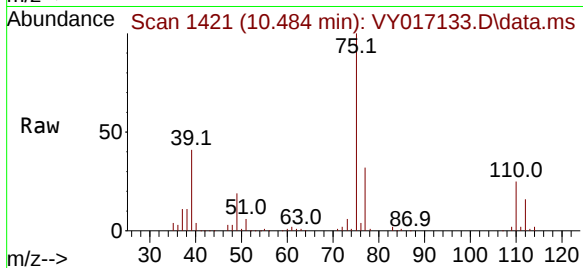




#53
 t-1,3-Dichloropropene
 Concen: 49.771 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.013 min
 Lab File: VY017133.D
 Acq: 30 Jan 2024 09:31

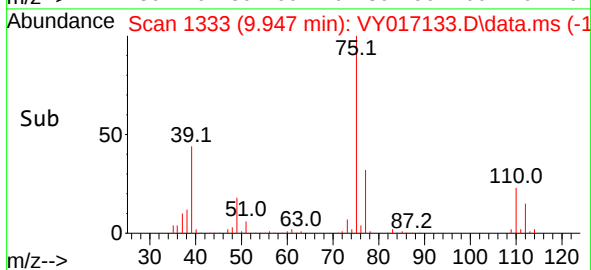
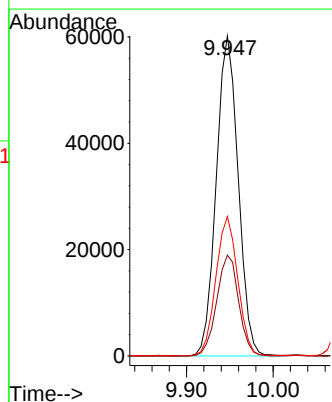
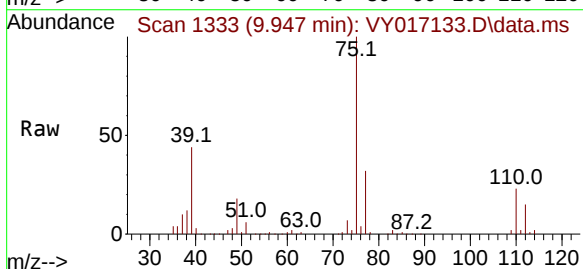
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

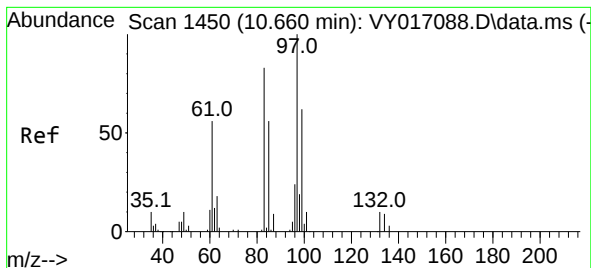
Tgt Ion: 75 Resp: 84929
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.470 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017133.D
 Acq: 30 Jan 2024 09:31

Tgt Ion: 75 Resp: 105923
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8
 39 43.4 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 48.487 ug/l

RT: 10.660 min Scan# 1450

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 49757

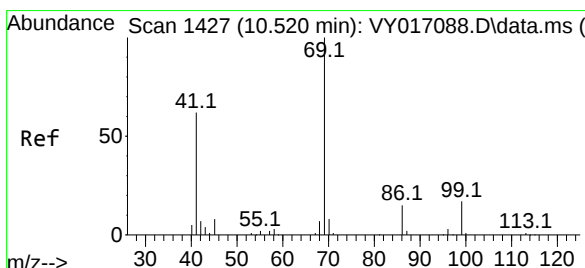
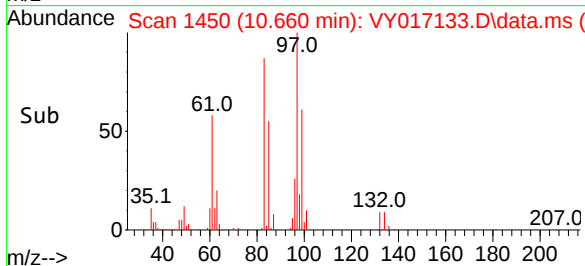
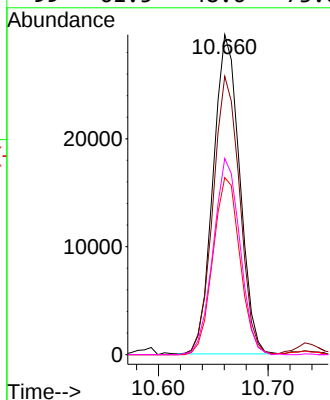
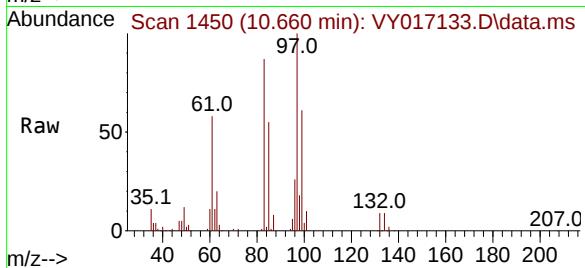
Ion Ratio Lower Upper

97 100

83 87.2 69.4 104.2

85 55.5 43.9 65.9

99 61.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 47.619 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

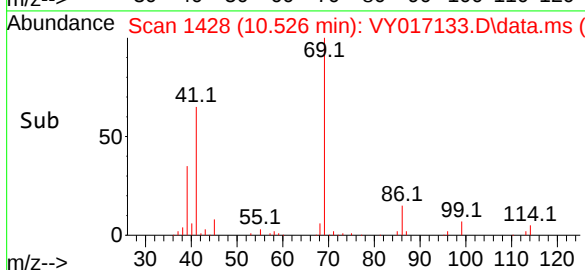
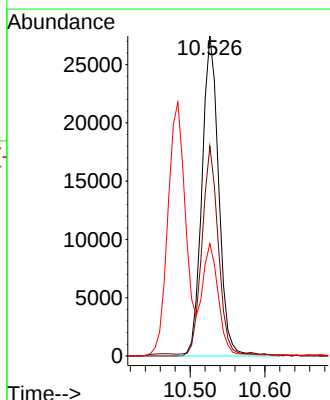
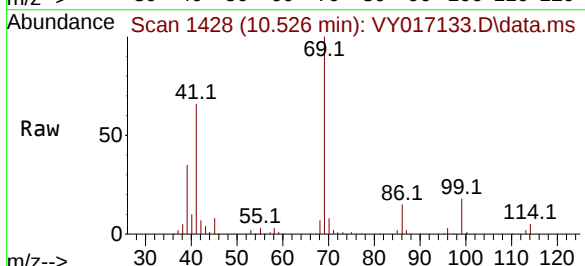
Tgt Ion: 69 Resp: 42733

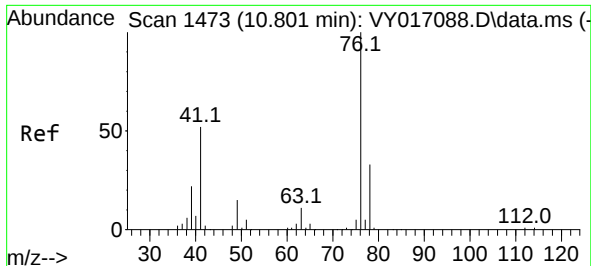
Ion Ratio Lower Upper

69 100

41 65.0 49.2 73.8

39 32.6 26.8 40.2

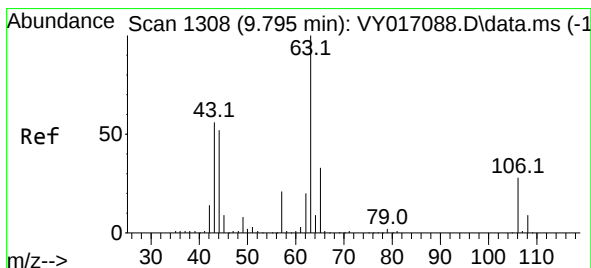
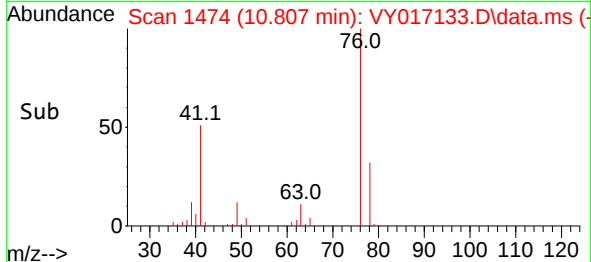
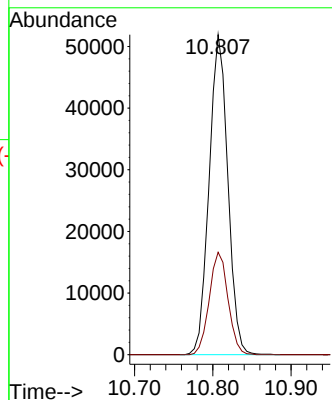
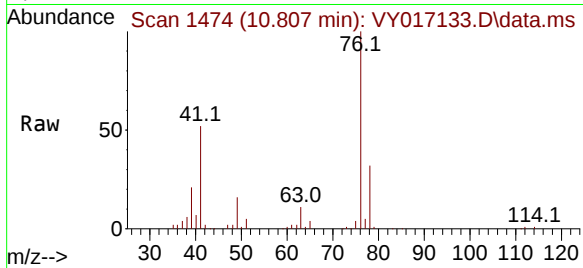




#57
1,3-Dichloropropane
Concen: 49.542 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

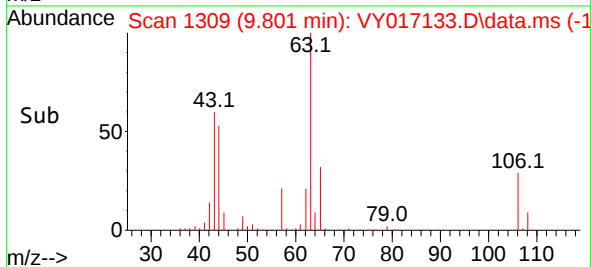
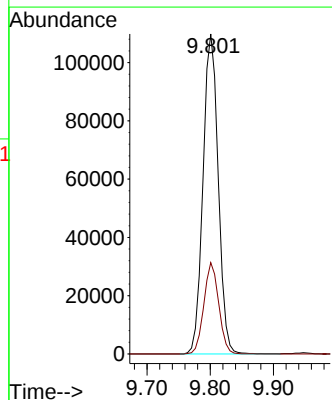
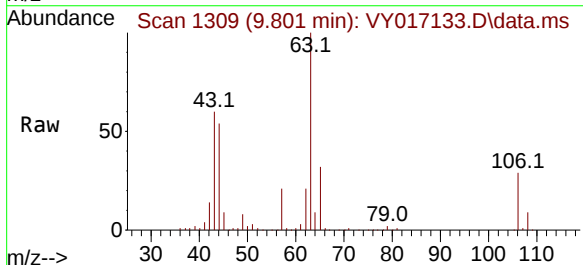
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

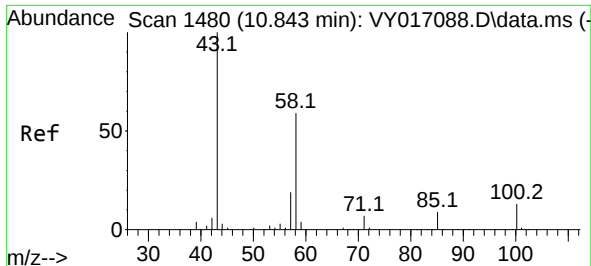
Tgt Ion: 76 Resp: 85954
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 295.642 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 63 Resp: 184161
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6





#59

2-Hexanone

Concen: 216.429 ug/l

RT: 10.849 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

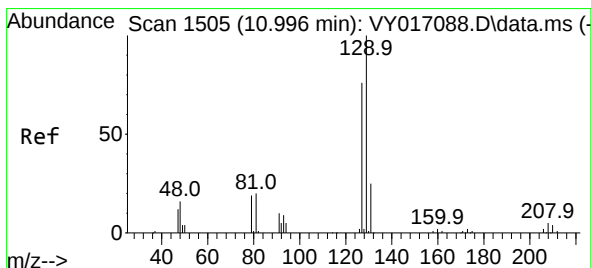
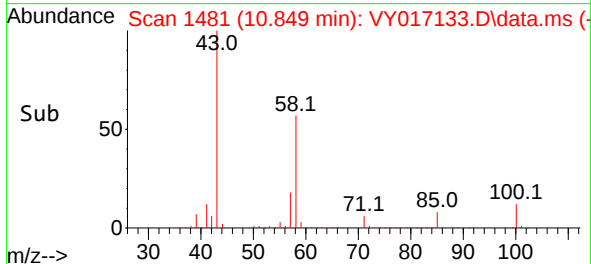
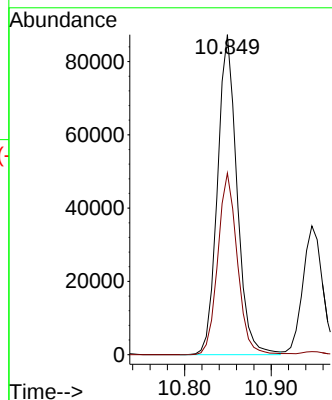
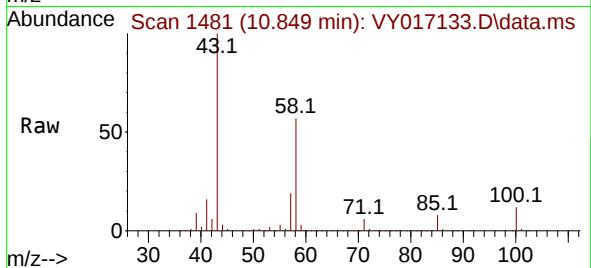
VSTDCCC050

Tgt Ion: 43 Resp: 136750

Ion Ratio Lower Upper

43 100

58 56.8 28.1 84.3



#60

Dibromochloromethane

Concen: 48.985 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY017133.D

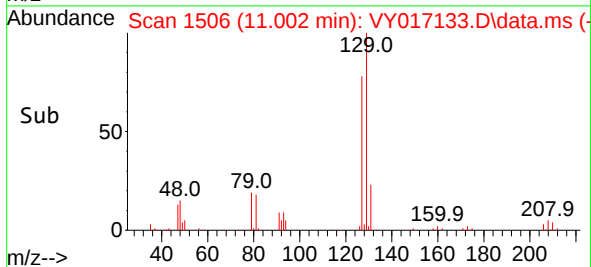
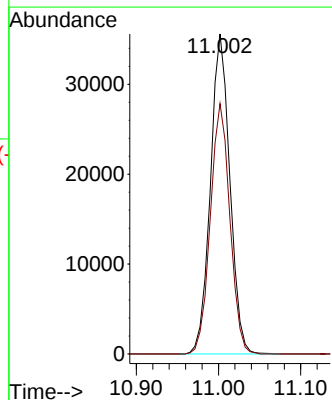
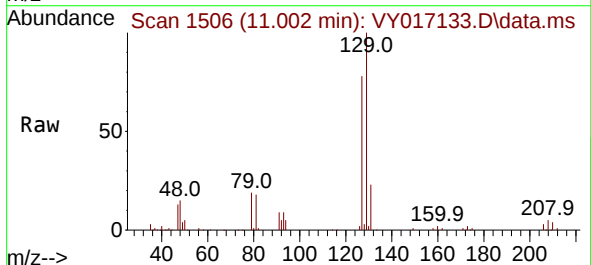
Acq: 30 Jan 2024 09:31

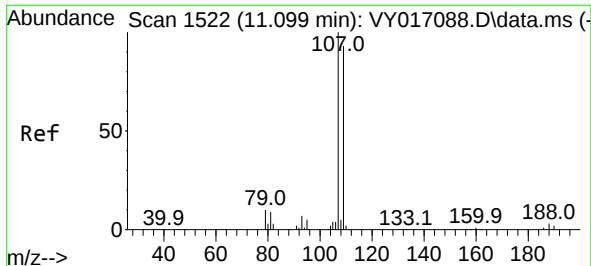
Tgt Ion:129 Resp: 58401

Ion Ratio Lower Upper

129 100

127 78.6 39.2 117.6

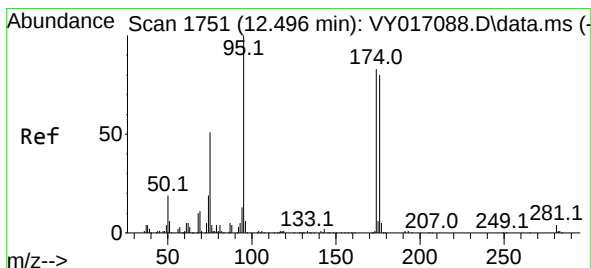
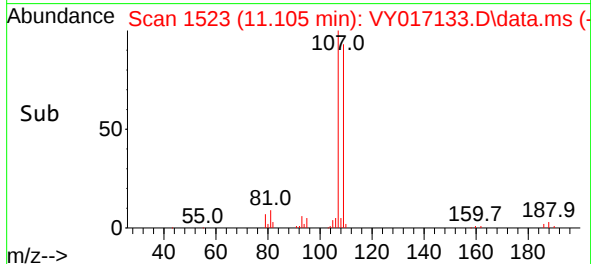
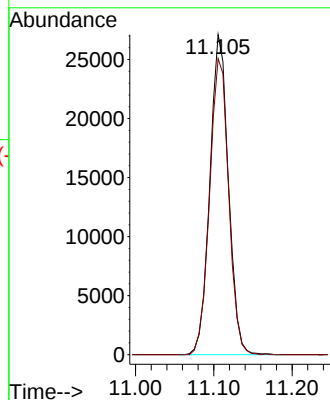
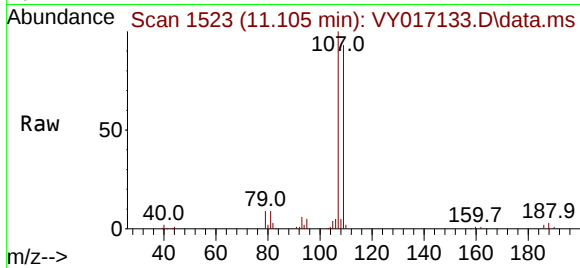




#61
1,2-Dibromoethane
Concen: 47.842 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

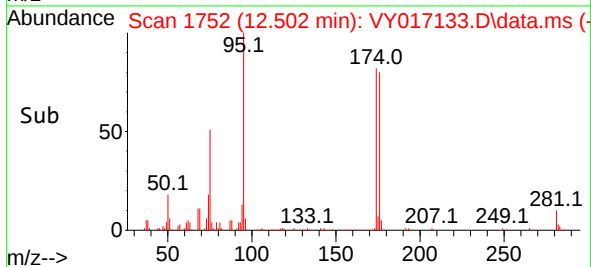
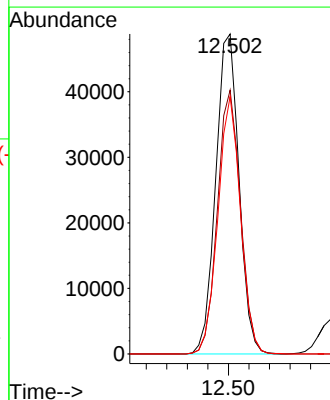
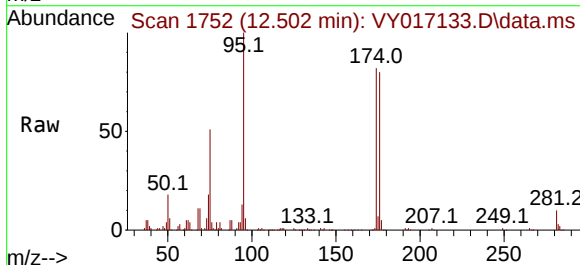
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

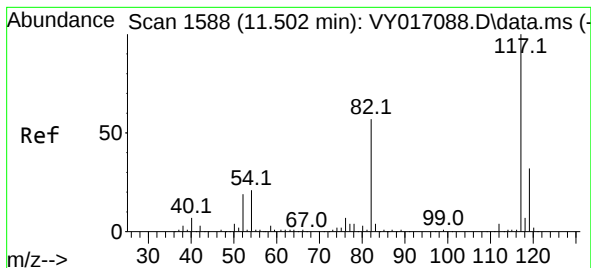
Tgt Ion:107 Resp: 44600
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.750 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 95 Resp: 76468
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.0
176 78.3 0.0 151.8

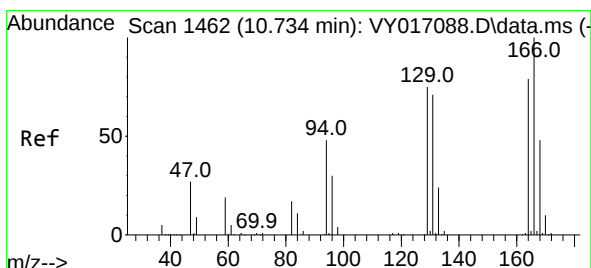
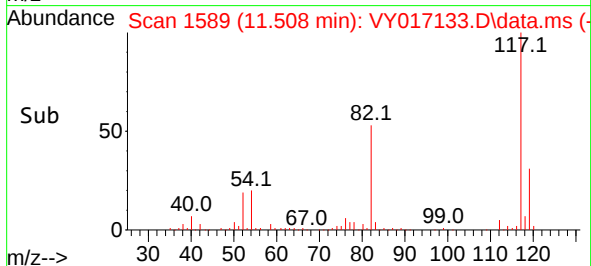
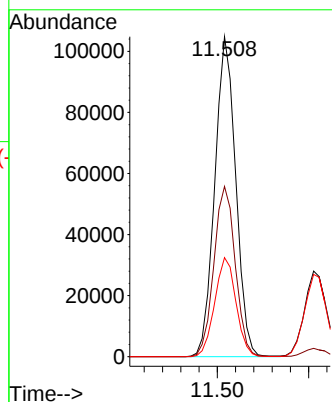
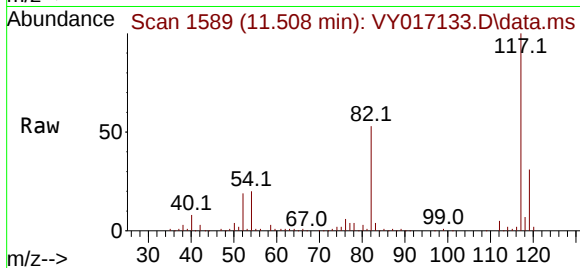




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

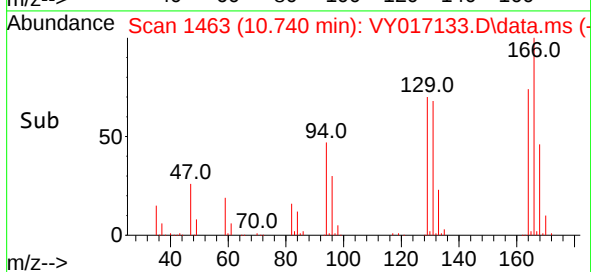
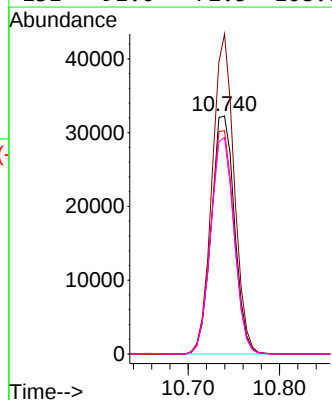
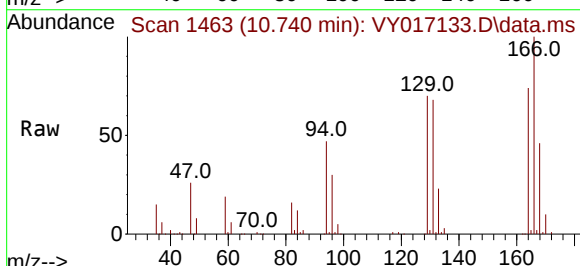
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

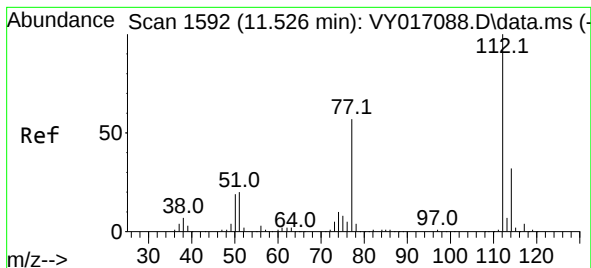
Tgt Ion:117 Resp: 166967
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 31.0 26.5 39.7



#64
Tetrachloroethene
Concen: 48.929 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion:164 Resp: 56944
Ion Ratio Lower Upper
164 100
166 134.5 98.8 148.2
129 93.8 78.9 118.3
131 91.0 72.5 108.7





#65

Chlorobenzene

Concen: 50.096 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

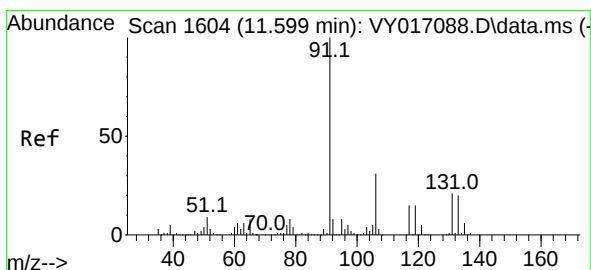
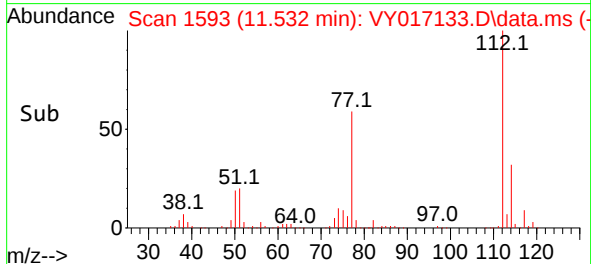
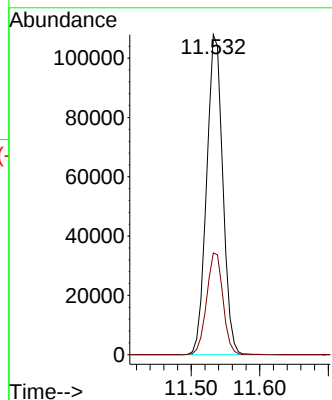
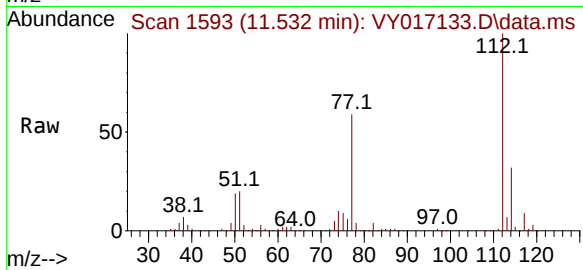
VSTDCCC050

Tgt Ion:112 Resp: 177253

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.432 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

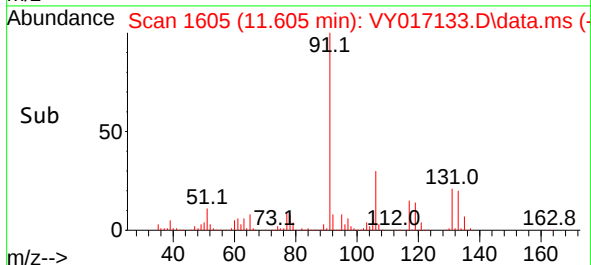
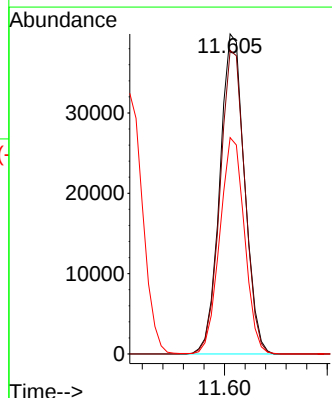
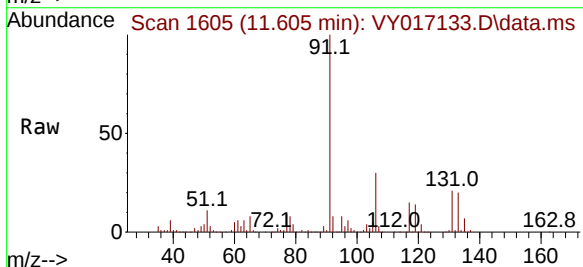
Tgt Ion:131 Resp: 66471

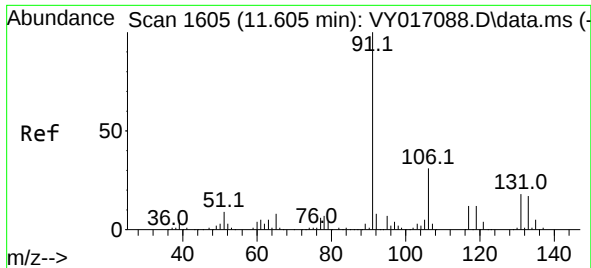
Ion Ratio Lower Upper

131 100

133 94.9 47.0 141.0

119 67.6 33.3 99.9





#67

Ethyl Benzene

Concen: 51.966 ug/l

RT: 11.611 min Scan# 1605

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

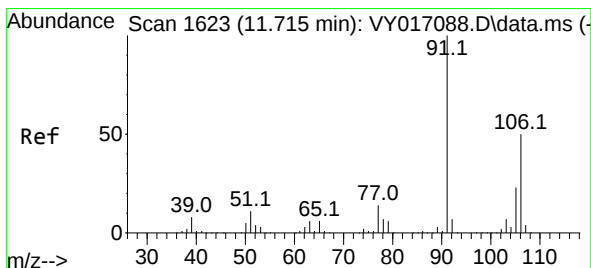
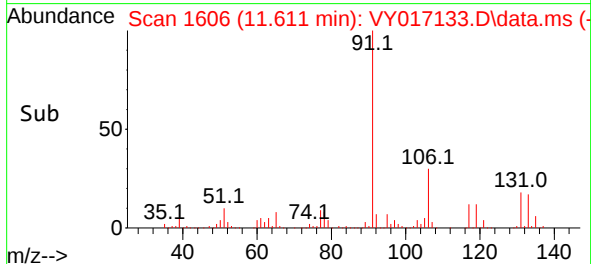
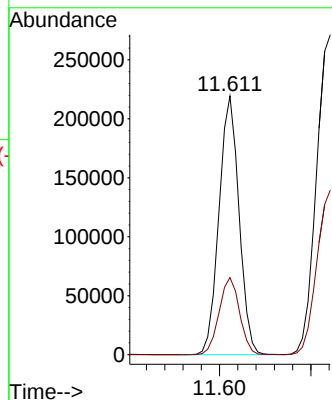
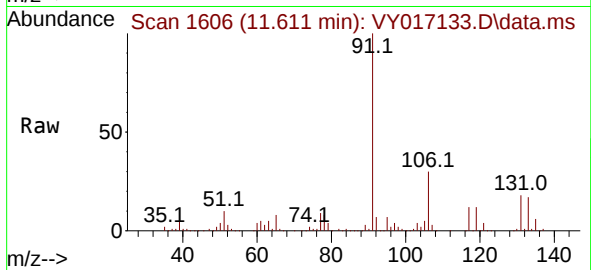
VSTDCCC050

Tgt Ion: 91 Resp: 334257

Ion Ratio Lower Upper

91 100

106 29.8 25.0 37.4



#68

m/p-Xylenes

Concen: 105.388 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017133.D

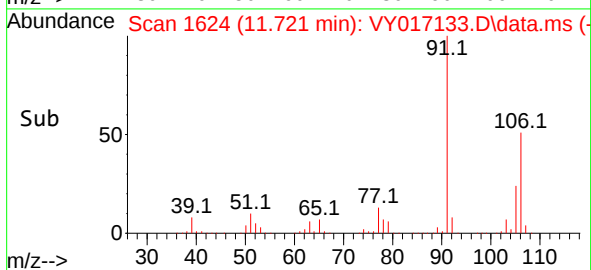
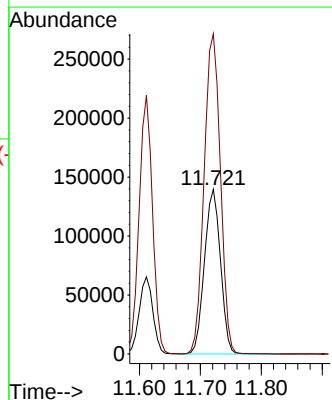
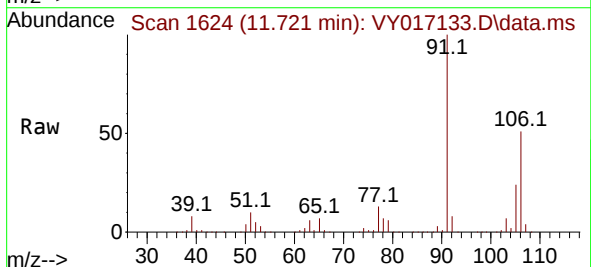
Acq: 30 Jan 2024 09:31

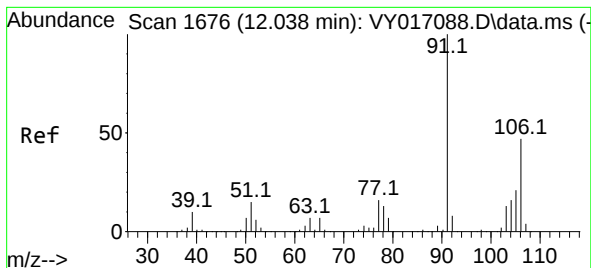
Tgt Ion:106 Resp: 254690

Ion Ratio Lower Upper

106 100

91 198.0 160.7 241.1





#69

o-Xylene

Concen: 51.827 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

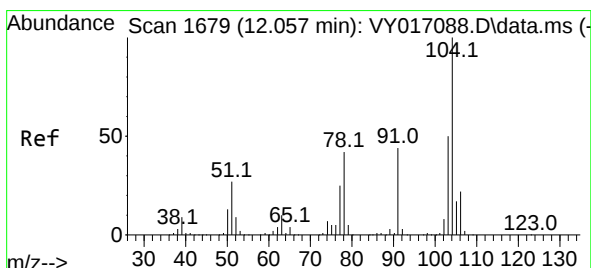
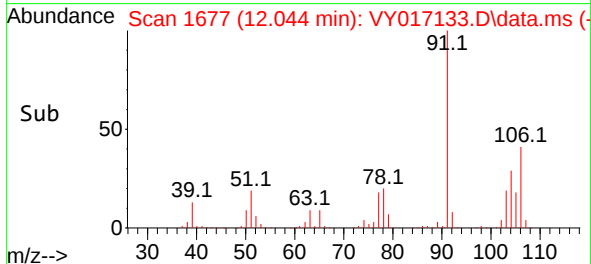
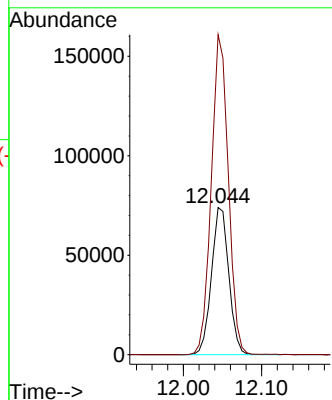
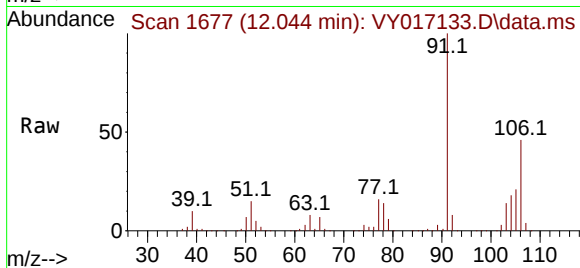
VSTDCCC050

Tgt Ion:106 Resp: 113772

Ion Ratio Lower Upper

106 100

91 213.8 106.5 319.5



#70

Styrene

Concen: 53.439 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

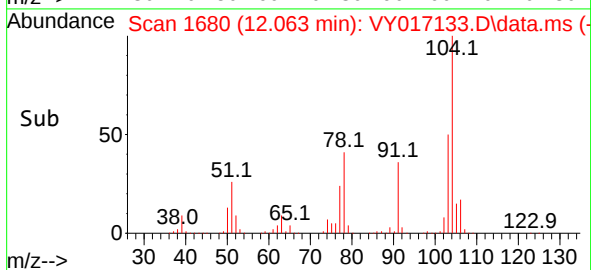
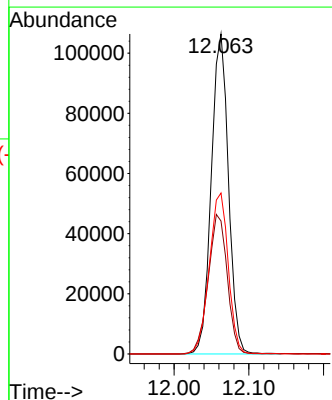
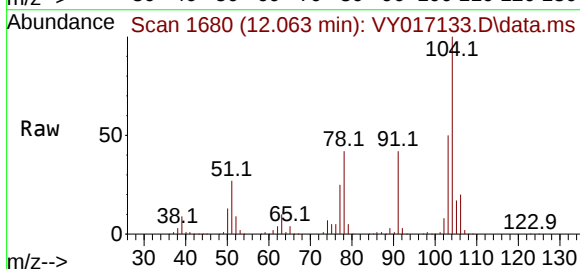
Tgt Ion:104 Resp: 170306

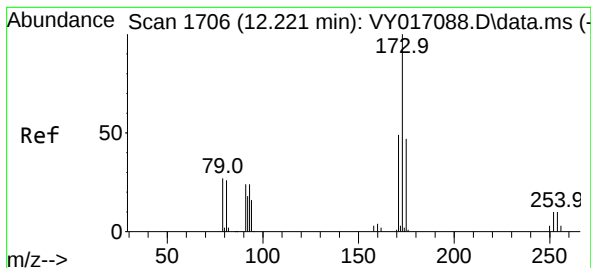
Ion Ratio Lower Upper

104 100

78 48.2 39.2 58.8

103 55.7 43.8 65.6





#71

Bromoform

Concen: 49.502 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

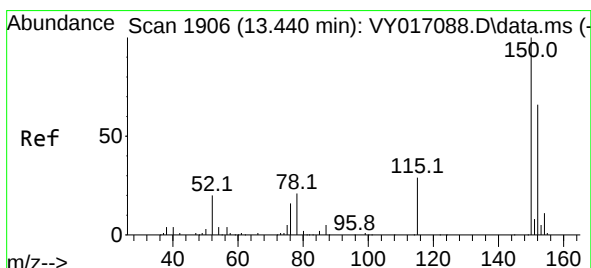
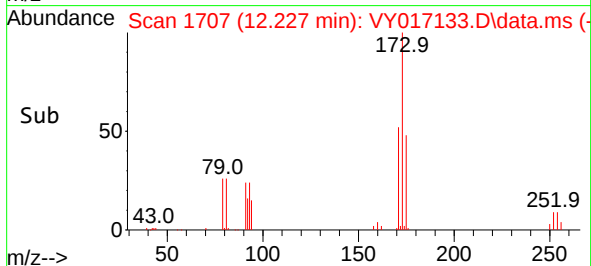
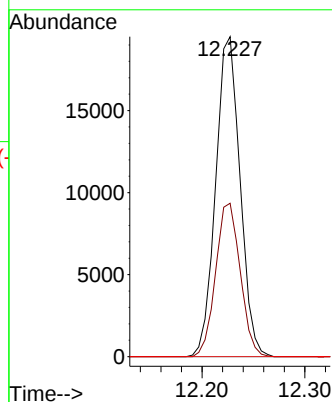
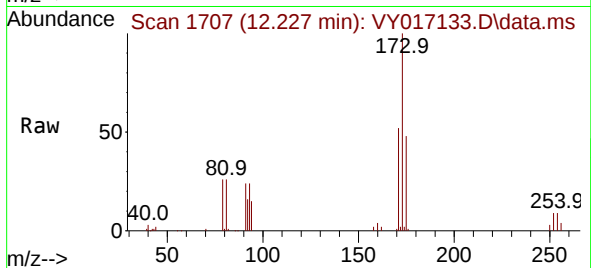
Tgt Ion:173 Resp: 32080

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

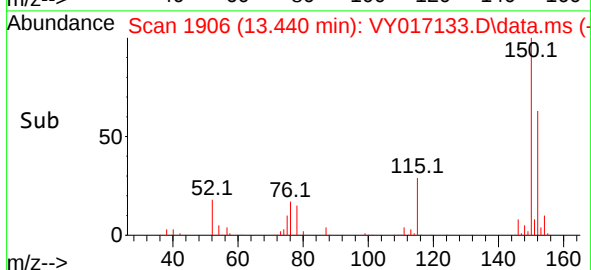
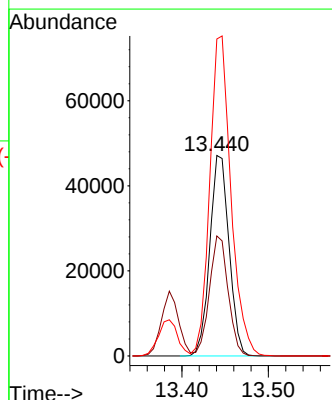
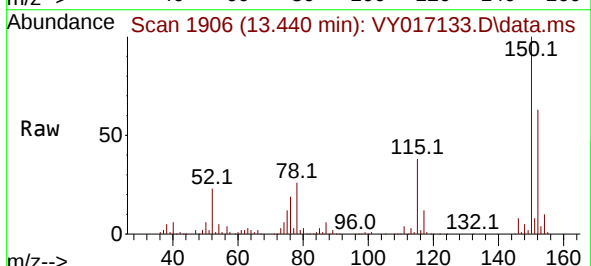
Tgt Ion:152 Resp: 72856

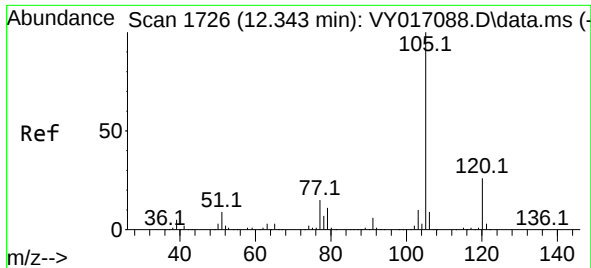
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 175.3 0.0 344.6

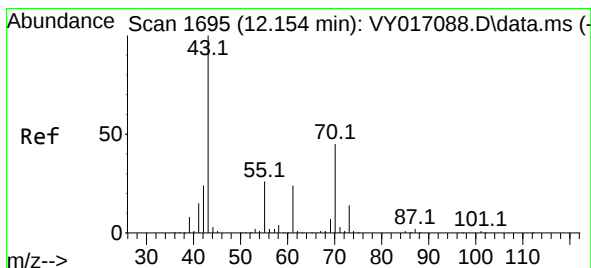
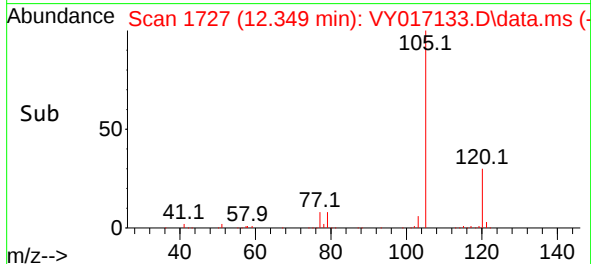
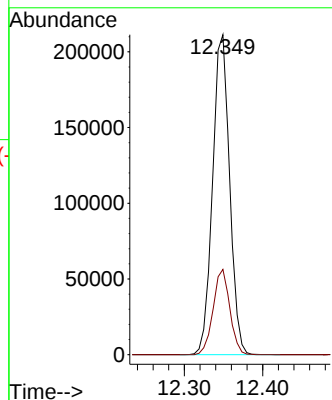
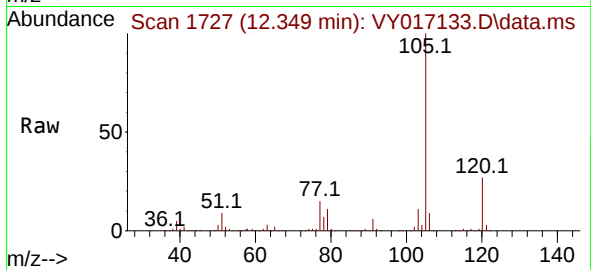




#73
Isopropylbenzene
Concen: 53.167 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

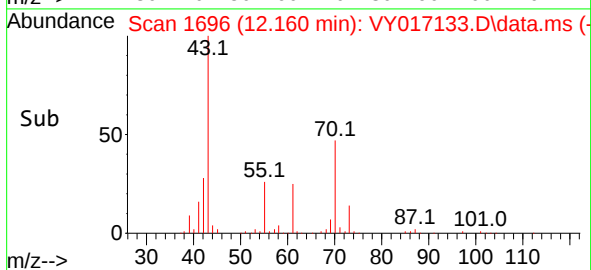
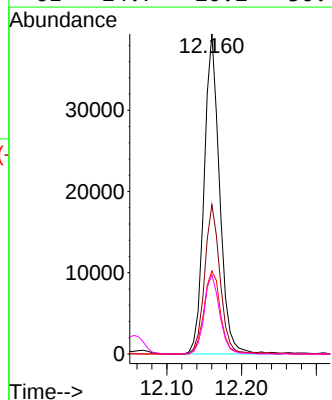
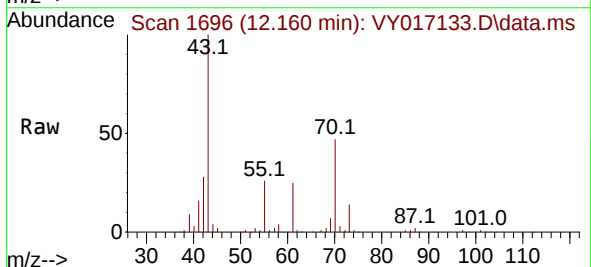
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

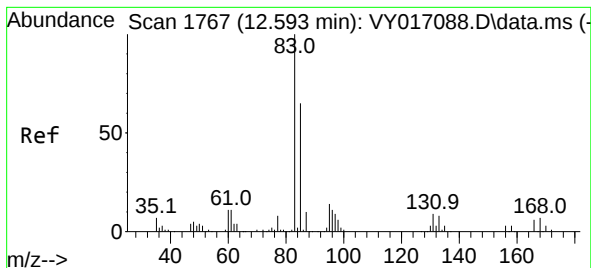
Tgt Ion:105 Resp: 318437
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 46.944 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 43 Resp: 56673
Ion Ratio Lower Upper
43 100
70 46.1 36.6 55.0
55 27.6 22.2 33.4
61 24.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.631 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

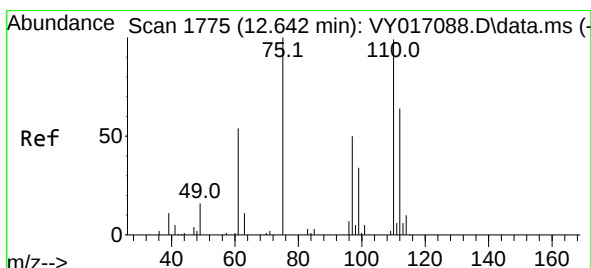
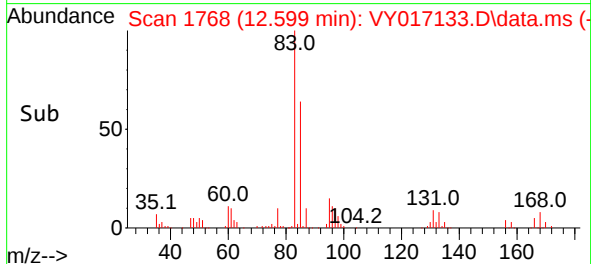
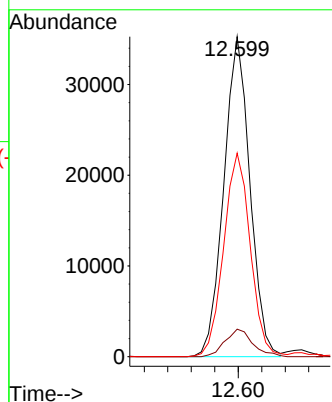
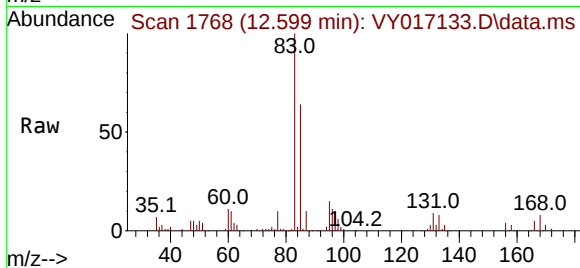
Tgt Ion: 83 Resp: 54399

Ion Ratio Lower Upper

83 100

131 9.1 4.9 14.6

85 64.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 41.611 ug/l m

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017133.D

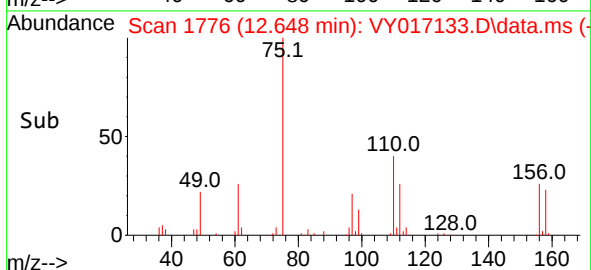
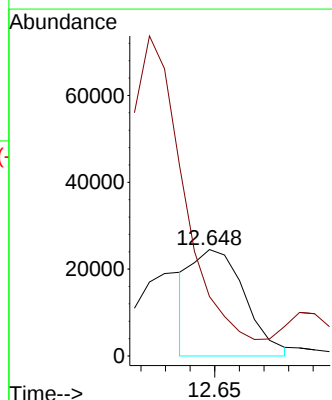
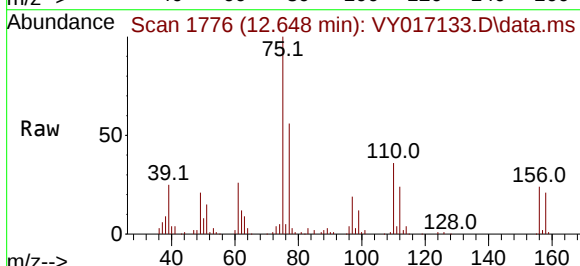
Acq: 30 Jan 2024 09:31

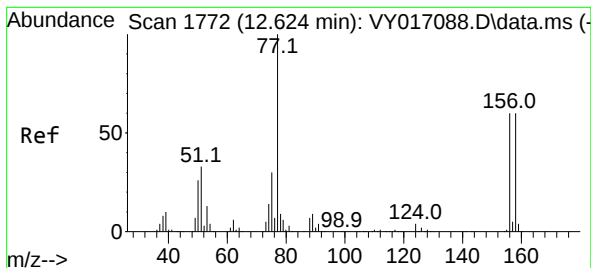
Tgt Ion: 75 Resp: 36798

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.303 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

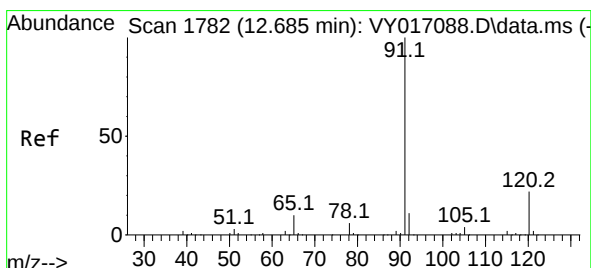
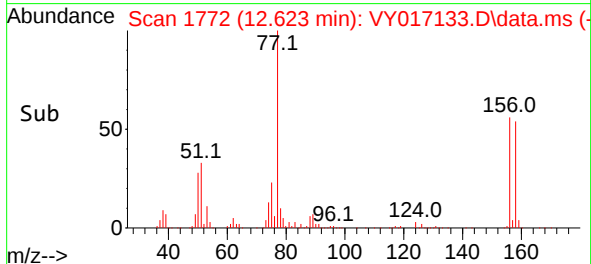
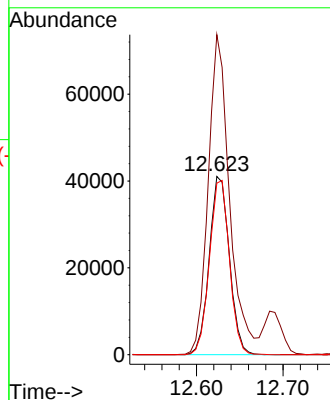
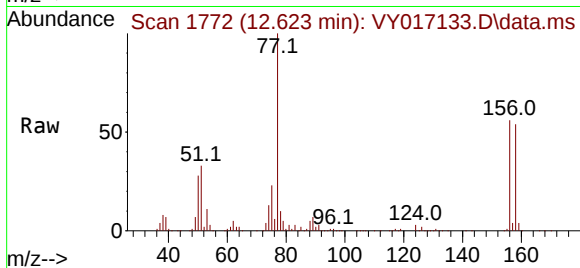
Tgt Ion:156 Resp: 66487

Ion Ratio Lower Upper

156 100

77 188.6 97.3 291.8

158 96.5 48.4 145.0



#78

n-propylbenzene

Concen: 53.324 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.013 min

Lab File: VY017133.D

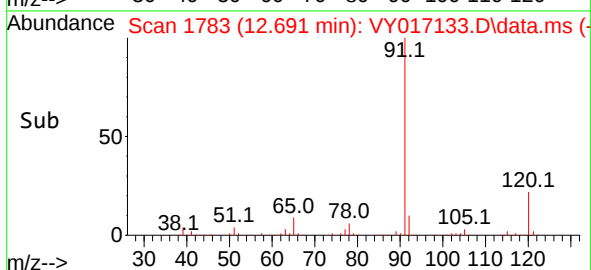
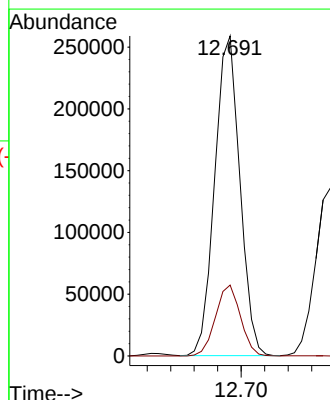
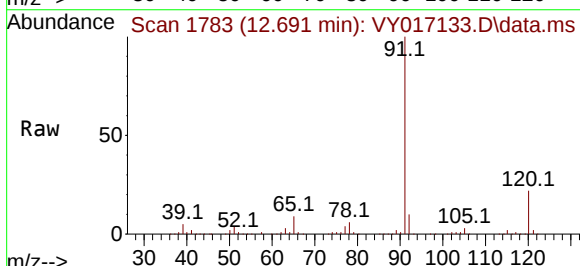
Acq: 30 Jan 2024 09:31

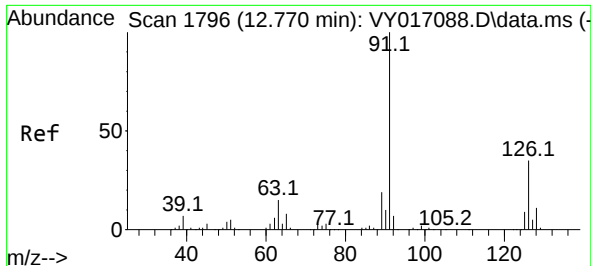
Tgt Ion: 91 Resp: 384134

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 52.452 ug/l

RT: 12.776 min Scan# 1796

Delta R.T. 0.013 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

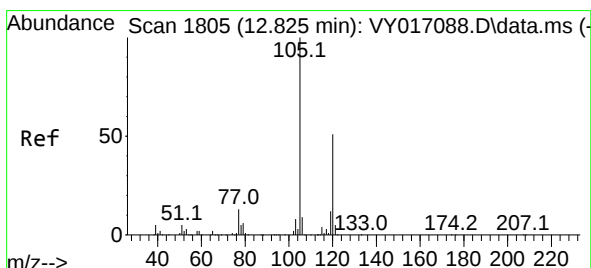
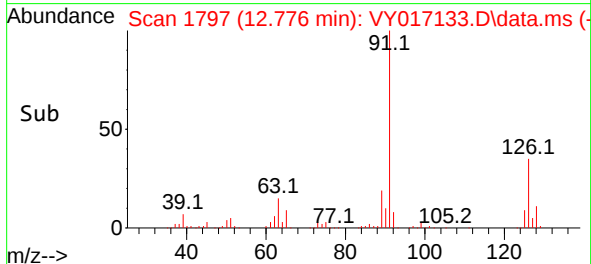
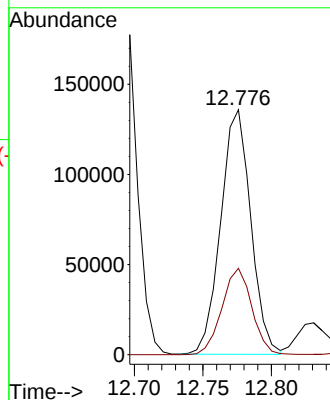
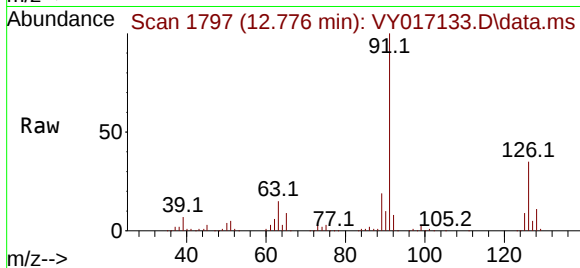
VSTDCCC050

Tgt Ion: 91 Resp: 207350

Ion Ratio Lower Upper

91 100

126 35.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.953 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.013 min

Lab File: VY017133.D

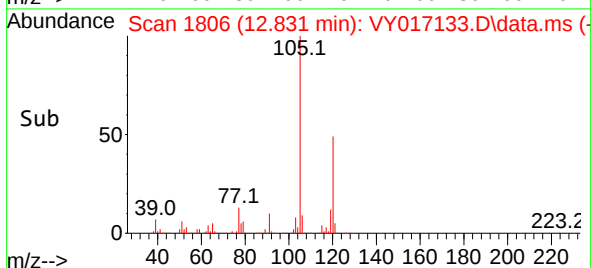
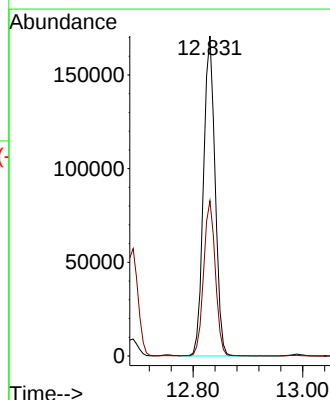
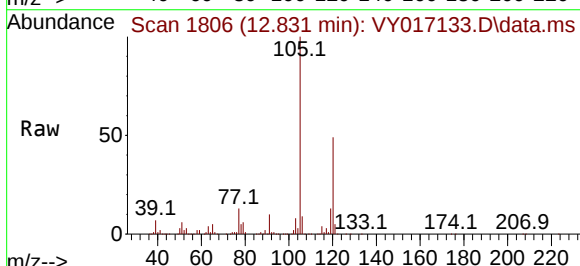
Acq: 30 Jan 2024 09:31

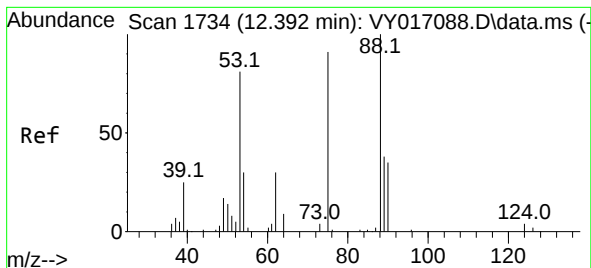
Tgt Ion: 105 Resp: 251005

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

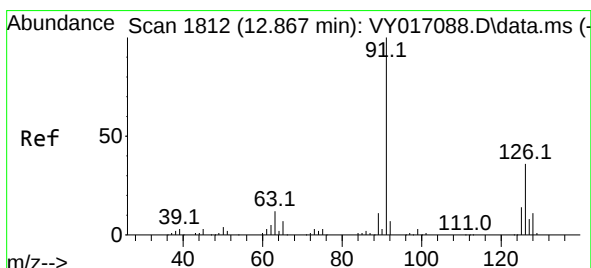
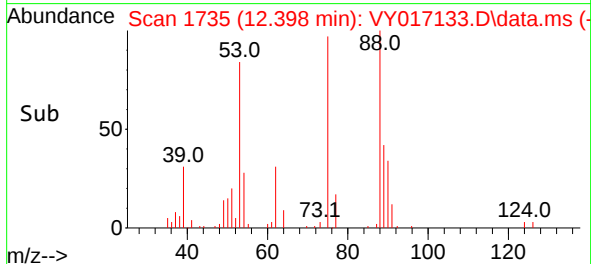
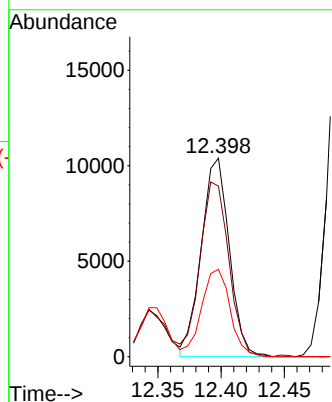
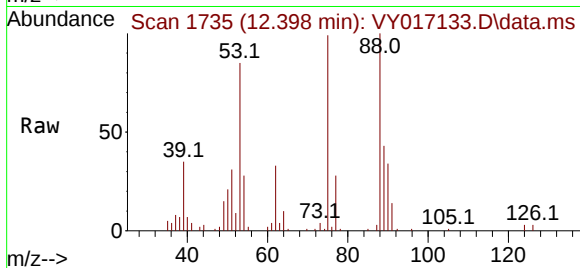




#81
trans-1,4-Dichloro-2-butene
Concen: 47.034 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.013 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

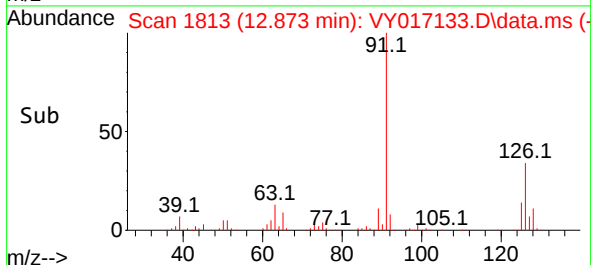
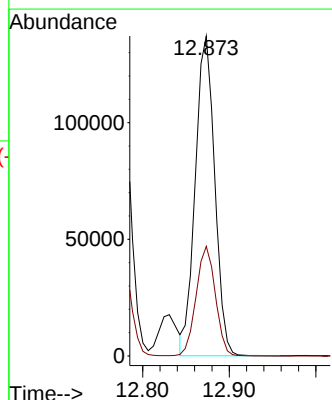
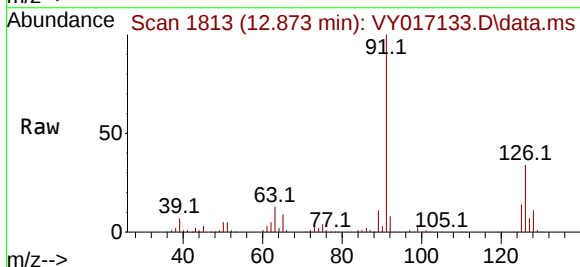
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

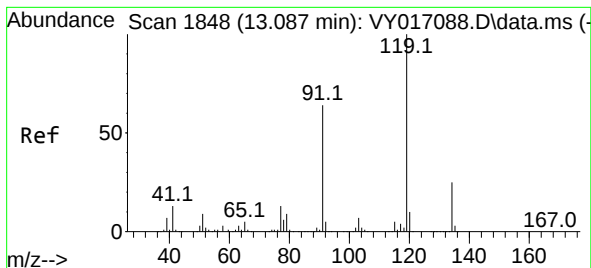
Tgt Ion: 75 Resp: 16066
Ion Ratio Lower Upper
75 100
53 90.4 74.0 111.0
89 44.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.069 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017133.D
Acq: 30 Jan 2024 09:31

Tgt Ion: 91 Resp: 213330
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 53.752 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

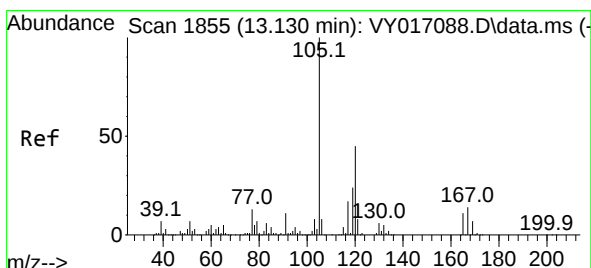
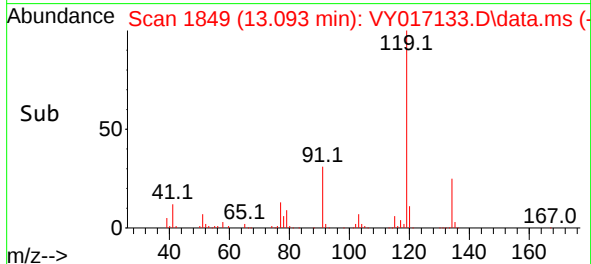
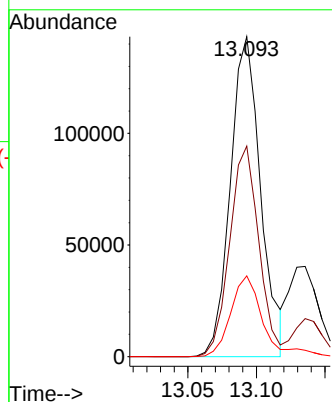
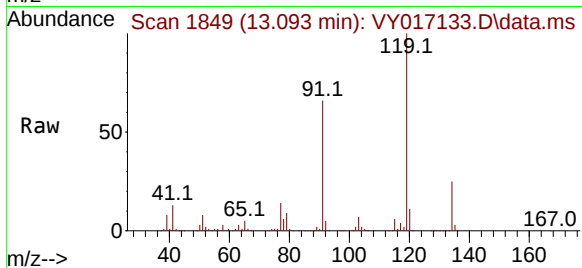
Tgt Ion:119 Resp: 220389

Ion Ratio Lower Upper

119 100

91 63.2 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 52.520 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY017133.D

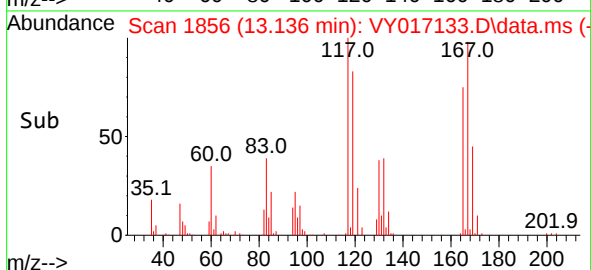
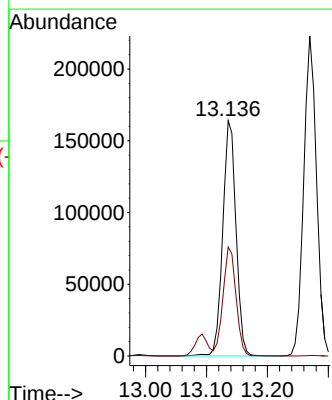
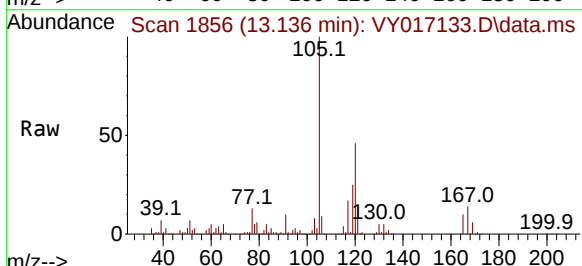
Acq: 30 Jan 2024 09:31

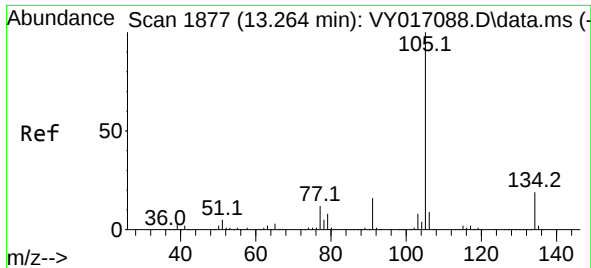
Tgt Ion:105 Resp: 247437

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3

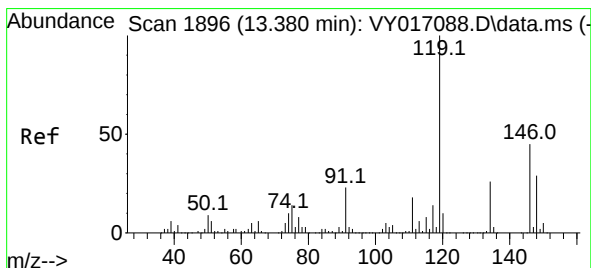
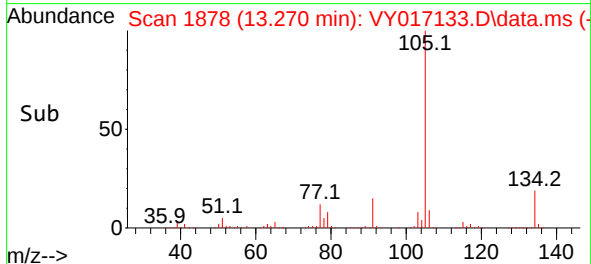
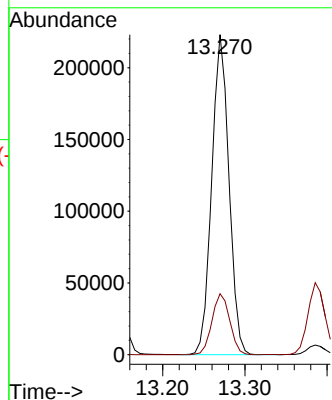
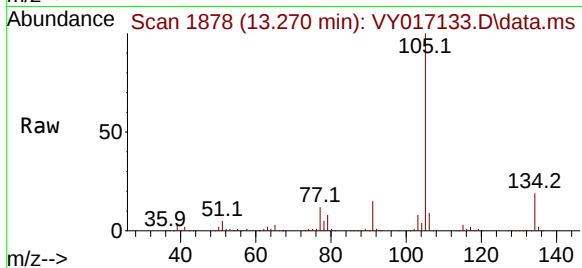




#85
 sec-Butylbenzene
 Concen: 53.559 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY017133.D
 Acq: 30 Jan 2024 09:31

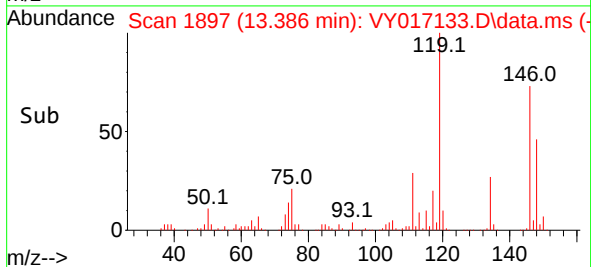
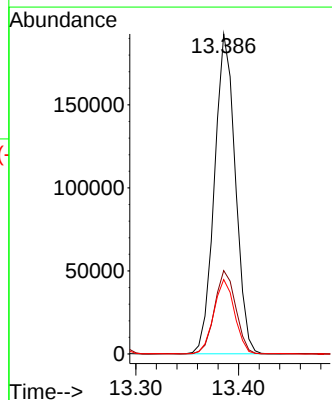
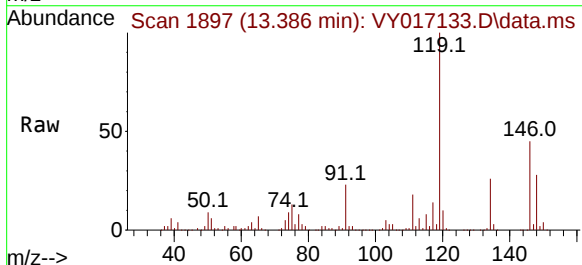
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

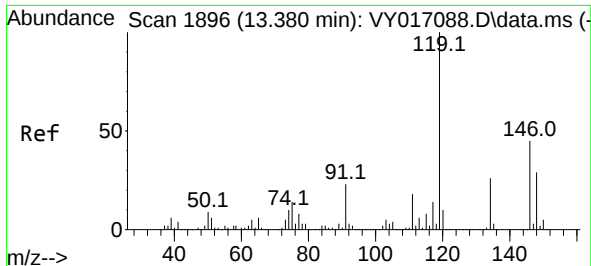
Tgt Ion:105 Resp: 325159
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.666 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.007 min
 Lab File: VY017133.D
 Acq: 30 Jan 2024 09:31

Tgt Ion:119 Resp: 271394
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 51.307 ug/l

RT: 13.386 min Scan# 1896

Delta R.T. 0.013 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

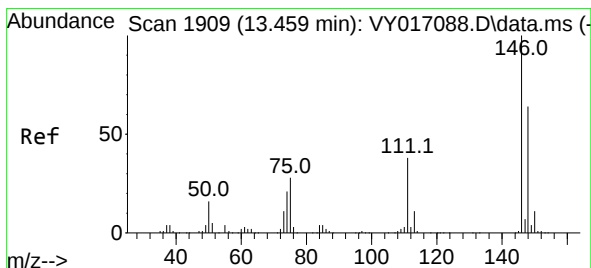
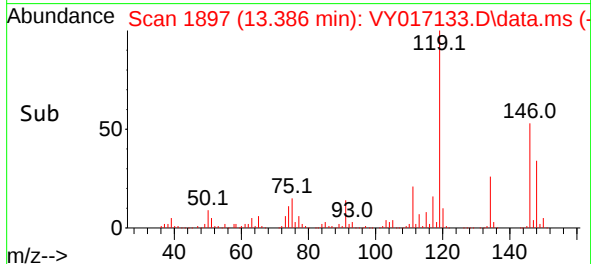
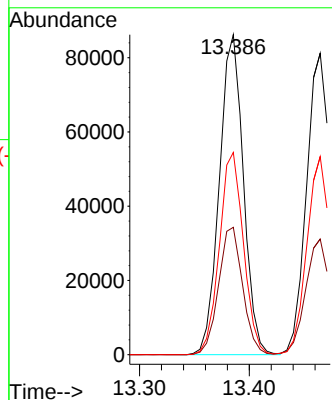
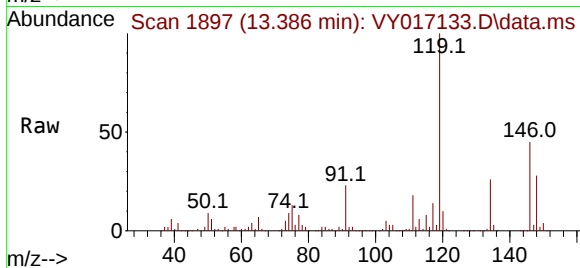
Tgt Ion:146 Resp: 131279

Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.5

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.583 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

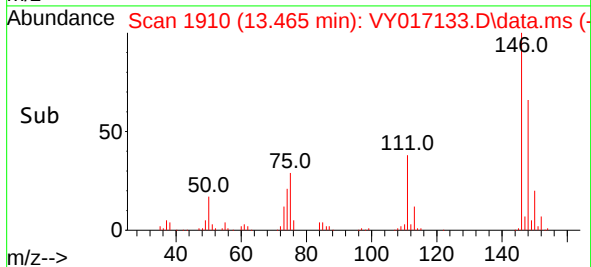
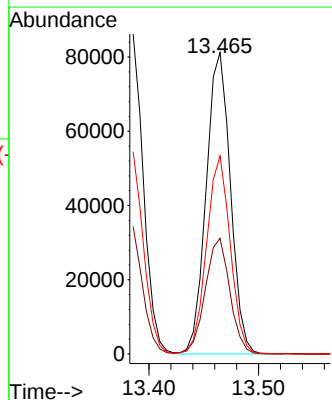
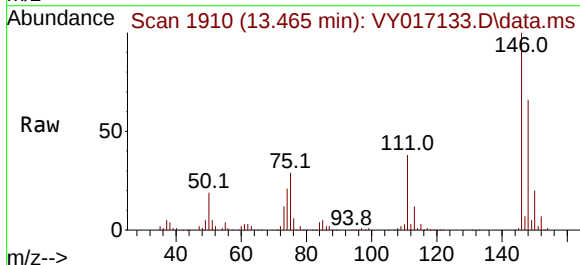
Tgt Ion:146 Resp: 124824

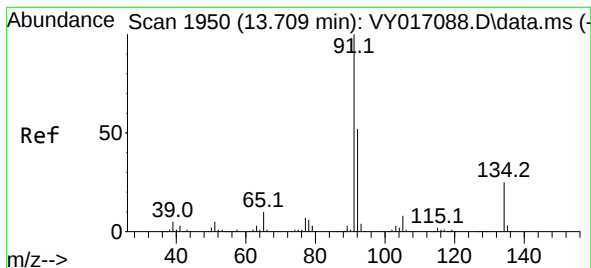
Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 64.3 31.6 94.7





#89

n-Butylbenzene

Concen: 53.454 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

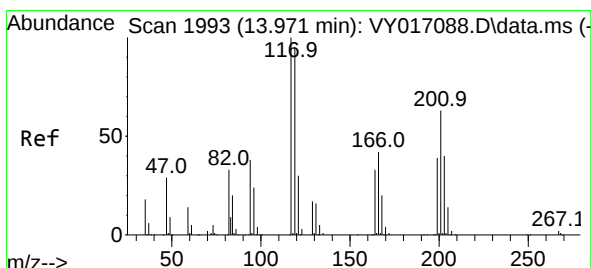
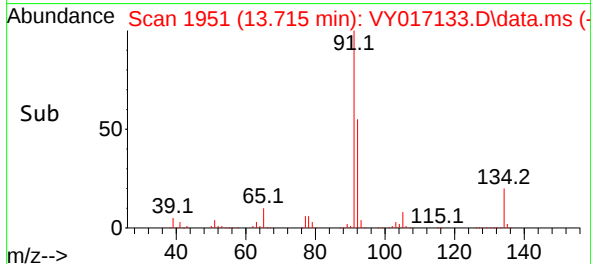
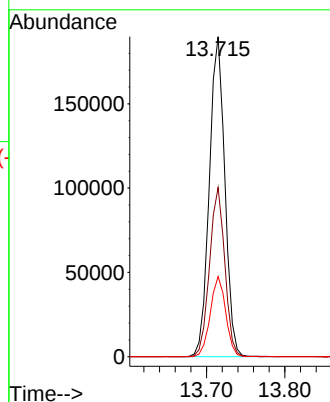
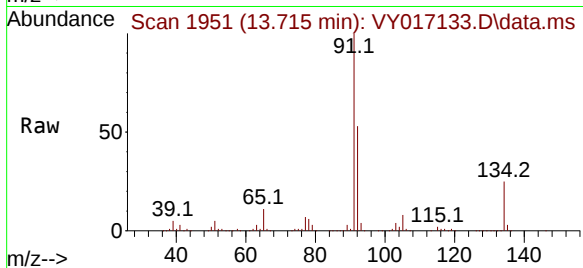
Tgt Ion: 91 Resp: 260743

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 24.9 12.3 36.8



#90

Hexachloroethane

Concen: 51.918 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY017133.D

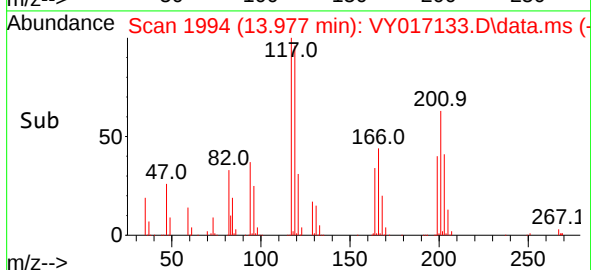
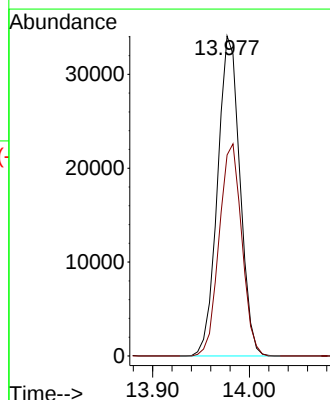
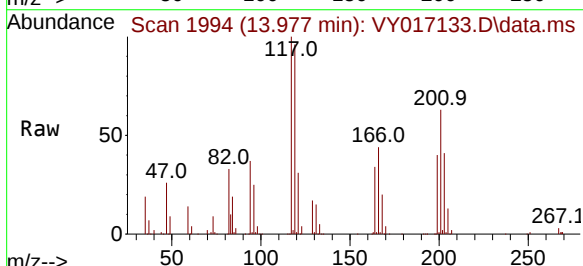
Acq: 30 Jan 2024 09:31

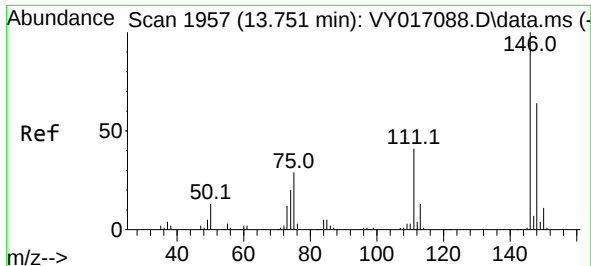
Tgt Ion: 117 Resp: 54724

Ion Ratio Lower Upper

117 100

201 66.9 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 50.330 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

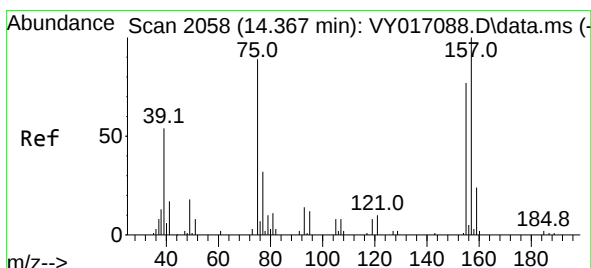
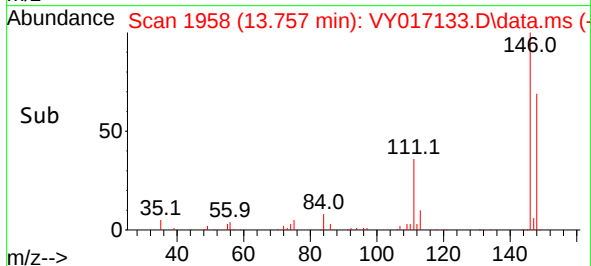
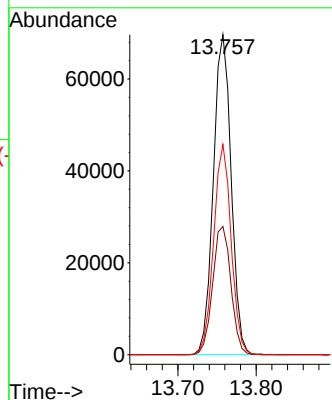
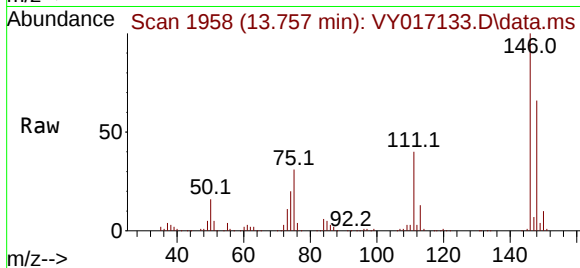
Tgt Ion:146 Resp: 109975

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 64.7 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.883 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

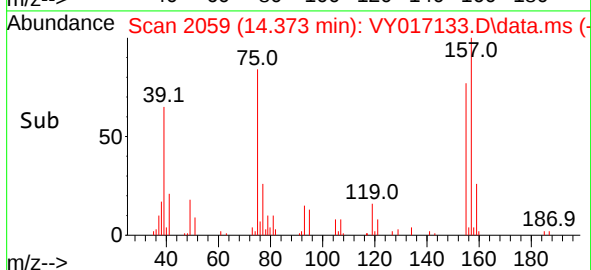
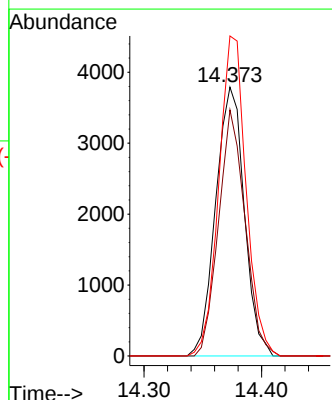
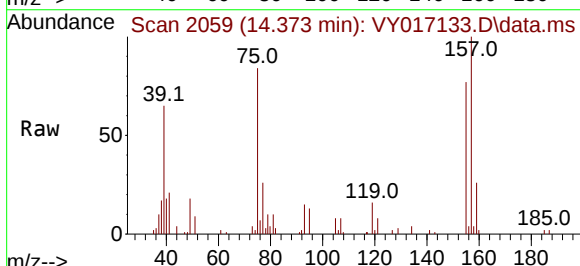
Tgt Ion: 75 Resp: 6401

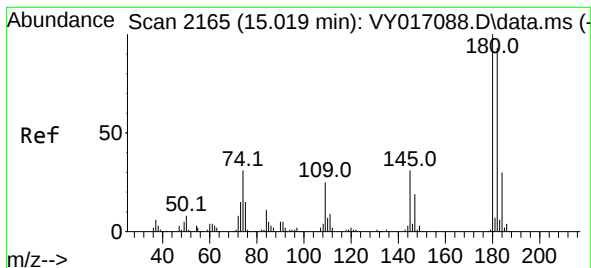
Ion Ratio Lower Upper

75 100

155 85.0 42.1 126.3

157 113.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 48.852 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

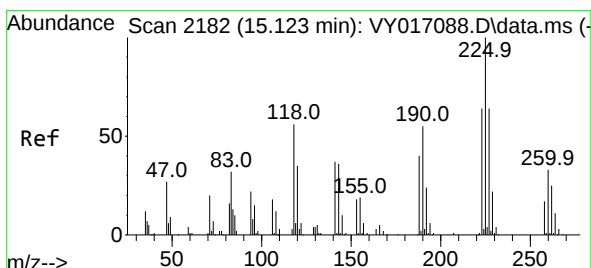
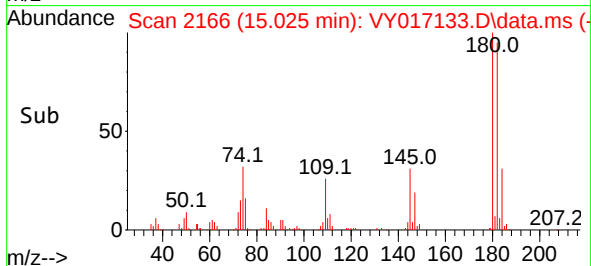
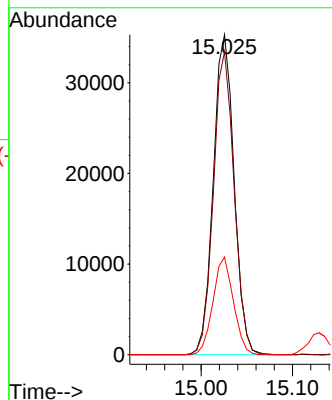
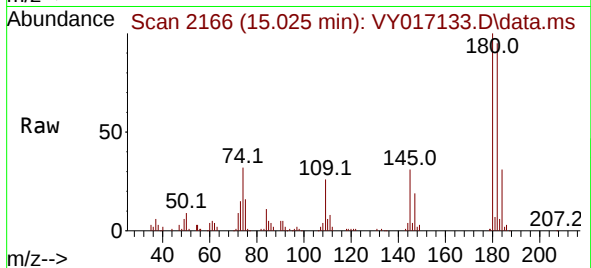
Tgt Ion:180 Resp: 55782

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.7

145 30.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.906 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

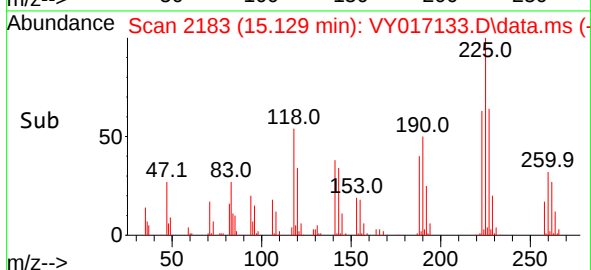
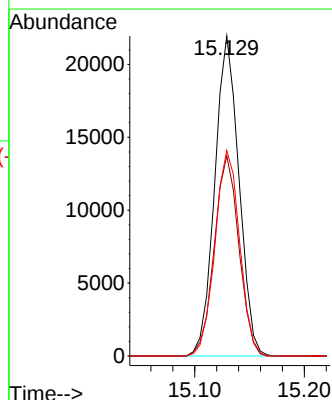
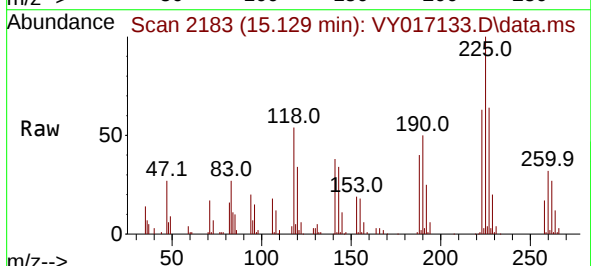
Tgt Ion:225 Resp: 33609

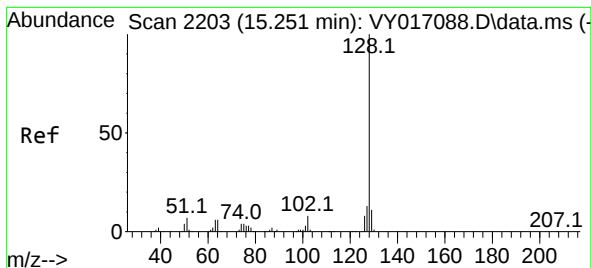
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 65.4 32.3 96.8





#95

Naphthalene

Concen: 47.014 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

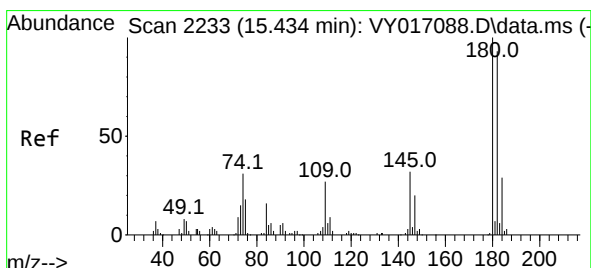
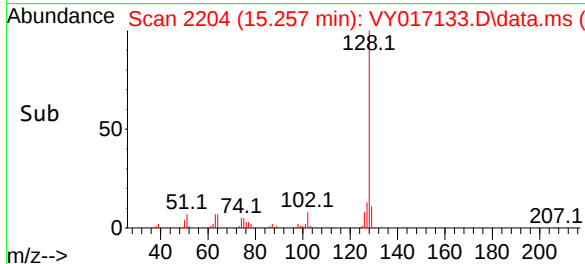
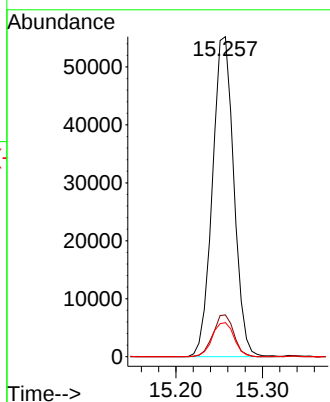
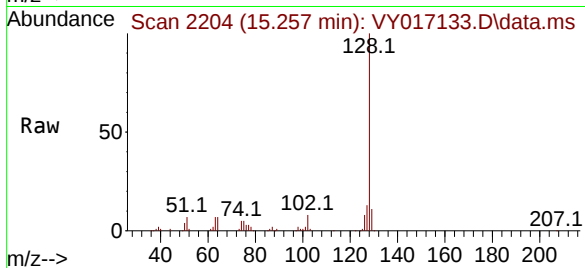
Tgt Ion:128 Resp: 94815

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.405 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY017133.D

Acq: 30 Jan 2024 09:31

Tgt Ion:180 Resp: 45034

Ion Ratio Lower Upper

180 100

182 95.4 46.3 138.8

145 32.6 16.1 48.2

