

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017406.D
 Acq On : 19 Feb 2024 13:05
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 20 06:31:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	157060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	241625	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	204824	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	90509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52274	38.960	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.920%
35) Dibromofluoromethane	7.734	113	62853	44.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.880%
50) Toluene-d8	10.197	98	244812	44.629	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.495	95	70132	38.737	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	47692	38.080	ug/l	96
3) Chloromethane	2.125	50	93912	36.742	ug/l	99
4) Vinyl Chloride	2.259	62	127055	38.179	ug/l	100
5) Bromomethane	2.668	94	102919	41.564	ug/l	97
6) Chloroethane	2.808	64	84923	40.059	ug/l	100
7) Trichlorofluoromethane	3.137	101	115111	40.333	ug/l	96
8) Diethyl Ether	3.540	74	28387	35.191	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	69188	41.941	ug/l	99
10) Methyl Iodide	4.113	142	67849	38.648	ug/l	100
11) Tert butyl alcohol	4.966	59	13664	130.974	ug/l #	83
12) 1,1-Dichloroethene	3.893	96	64244	41.433	ug/l	99
13) Acrolein	3.747	56	19355	138.637	ug/l	97
14) Allyl chloride	4.497	41	76166	40.527	ug/l	99
15) Acrylonitrile	5.180	53	52803	164.647	ug/l	99
16) Acetone	3.966	43	48818	168.000	ug/l	92
17) Carbon Disulfide	4.216	76	189172	38.403	ug/l	98
18) Methyl Acetate	4.497	43	43080	65.379	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	123334	35.214	ug/l	98
20) Methylene Chloride	4.735	84	78077	42.867	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	75255	41.963	ug/l	99
22) Diisopropyl ether	6.143	45	167046	38.646	ug/l	98
23) Vinyl Acetate	6.082	43	348137	135.521	ug/l	99
24) 1,1-Dichloroethane	6.039	63	117466	40.083	ug/l	99
25) 2-Butanone	7.002	43	63699	156.167	ug/l	96
26) 2,2-Dichloropropane	6.996	77	108505	43.030	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	79796	40.061	ug/l	98
28) Bromochloromethane	7.356	49	42329	38.497	ug/l	99
29) Tetrahydrofuran	7.368	42	36687	153.002	ug/l	99
30) Chloroform	7.527	83	124497	40.244	ug/l	99
31) Cyclohexane	7.801	56	106013	39.912	ug/l	99
32) 1,1,1-Trichloroethane	7.722	97	113812	41.653	ug/l	98
36) 1,1-Dichloropropene	7.935	75	101574	42.999	ug/l	99
37) Ethyl Acetate	7.088	43	26269	30.540	ug/l #	97
38) Carbon Tetrachloride	7.923	117	102166	43.440	ug/l	99
39) Methylcyclohexane	9.197	83	127943	44.248	ug/l	98
40) Benzene	8.179	78	290194	42.047	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	15690	37.352	ug/l #	89
42) 1,2-Dichloroethane	8.252	62	64017	38.213	ug/l	99
43) Isopropyl Acetate	8.289	43	51395	33.065	ug/l	97
44) Trichloroethene	8.959	130	79386	42.435	ug/l	98
45) 1,2-Dichloropropane	9.234	63	65713	41.190	ug/l	100
46) Dibromomethane	9.325	93	33613	37.068	ug/l	99
47) Bromodichloromethane	9.514	83	90029	40.381	ug/l	97
48) Methyl methacrylate	9.307	41	30012	41.153	ug/l	99
49) 1,4-Dioxane	9.313	88	6552	690.836	ug/l #	98
51) 4-Methyl-2-Pentanone	10.087	43	134718	160.849	ug/l	100
52) Toluene	10.258	92	183112	42.499	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	78291	37.924	ug/l	95
54) cis-1,3-Dichloropropene	9.947	75	99907	39.445	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	45703	36.631	ug/l	96
56) Ethyl methacrylate	10.526	69	36695	25.288	ug/l	98
57) 1,3-Dichloropropane	10.807	76	75757	36.698	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	139019	186.482	ug/l	99
59) 2-Hexanone	10.849	43	92574	160.471	ug/l	99
60) Dibromochloromethane	11.002	129	57217	38.578	ug/l	98
61) 1,2-Dibromoethane	11.105	107	41642	35.675	ug/l	99
64) Tetrachloroethene	10.740	164	68517	41.799	ug/l	96
65) Chlorobenzene	11.532	112	182770	41.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	66307	40.353	ug/l	100
67) Ethyl Benzene	11.605	91	345348	43.760	ug/l	99
68) m/p-Xylenes	11.715	106	265126	85.460	ug/l	100
69) o-Xylene	12.044	106	120408	42.306	ug/l	98
70) Styrene	12.063	104	168781	36.106	ug/l	99
71) Bromoform	12.221	173	30832	36.064	ug/l #	96
73) Isopropylbenzene	12.343	105	331627	47.435	ug/l	100
74) N-amyl acetate	12.160	43	40079	32.924	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	46659	37.342	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	56694	64.604	ug/l #	100
77) Bromobenzene	12.623	156	68046	41.500	ug/l	98
78) n-propylbenzene	12.684	91	393624	46.548	ug/l	100
79) 2-Chlorotoluene	12.770	91	206867	44.428	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	257178	45.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	13617	36.178	ug/l	98
82) 4-Chlorotoluene	12.867	91	209529	43.607	ug/l	98
83) tert-Butylbenzene	13.087	119	236300	48.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	252165	45.518	ug/l	100
85) sec-Butylbenzene	13.270	105	335940	44.792	ug/l	100
86) p-Isopropyltoluene	13.385	119	283734	45.931	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	138039	41.687	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	131077	40.997	ug/l	98
89) n-Butylbenzene	13.709	91	263142	46.837	ug/l	99
90) Hexachloroethane	13.977	117	54591	45.101	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	110775	39.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5108	32.342	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	54873	37.653	ug/l	99
94) Hexachlorobutadiene	15.123	225	37741	42.580	ug/l	99
95) Naphthalene	15.251	128	82326	31.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	43968	35.886	ug/l	98

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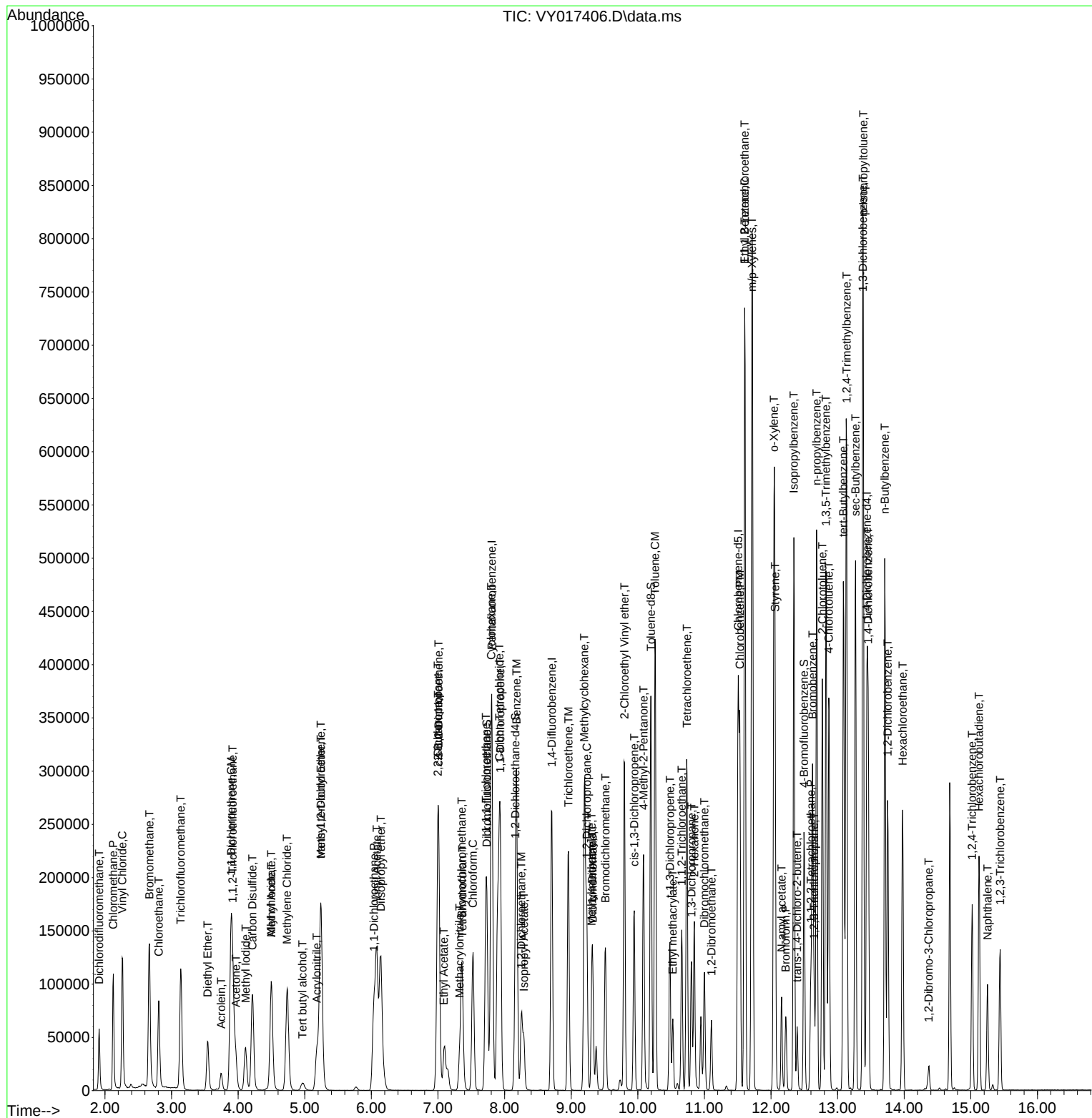
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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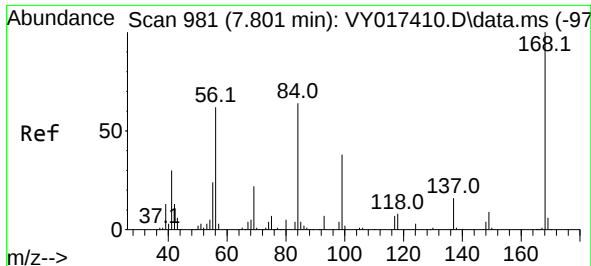
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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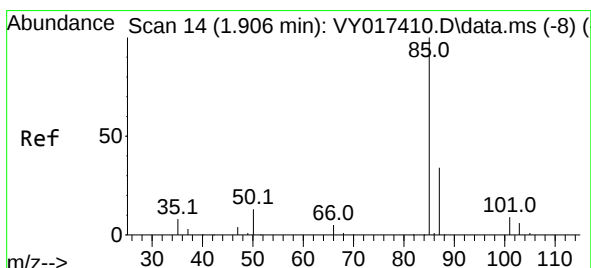
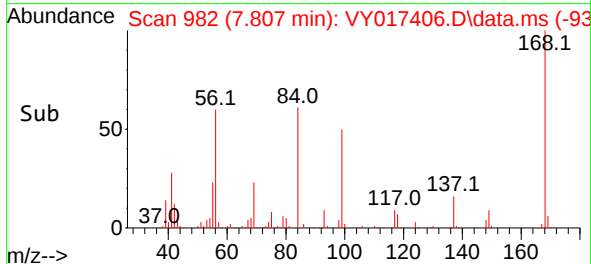
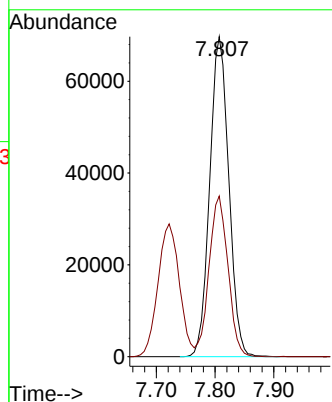
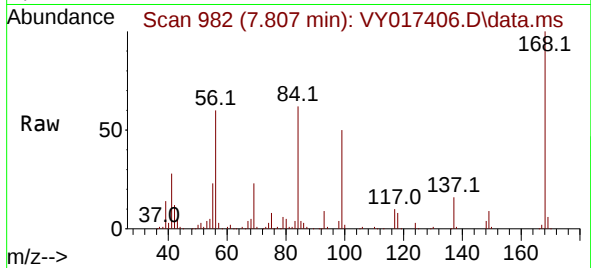




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
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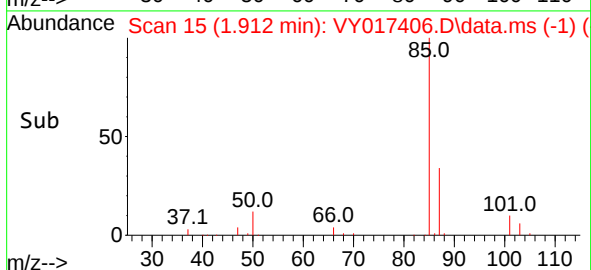
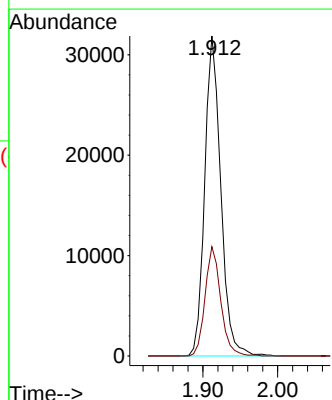
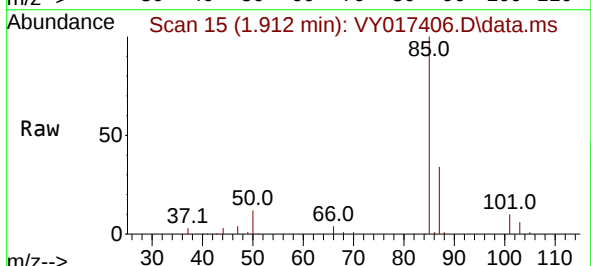
Instrument :
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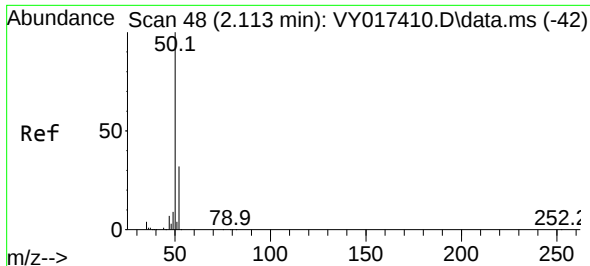
Tgt Ion:168 Resp: 157060
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 38.080 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 85 Resp: 47692
Ion Ratio Lower Upper
85 100
87 34.2 16.0 48.0

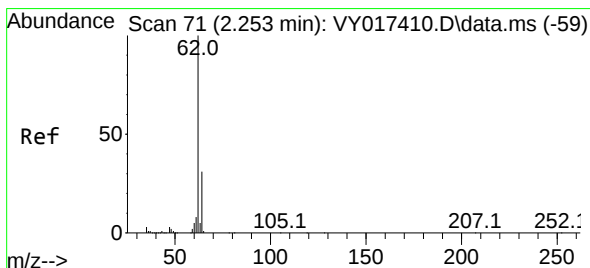
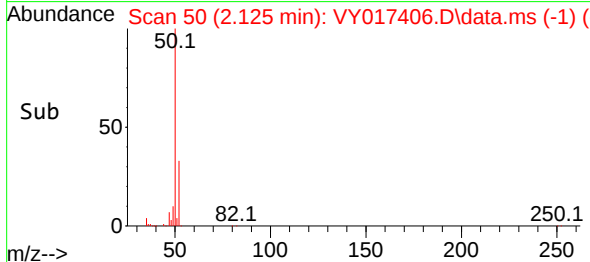
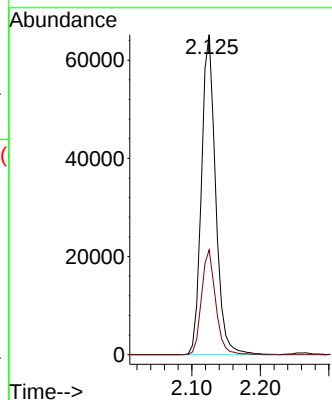
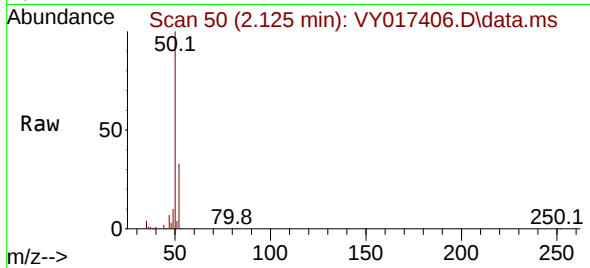




#3
Chloromethane
Concen: 36.742 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

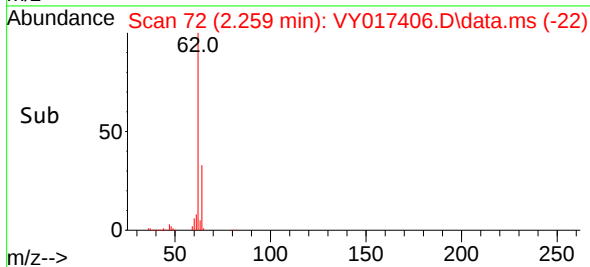
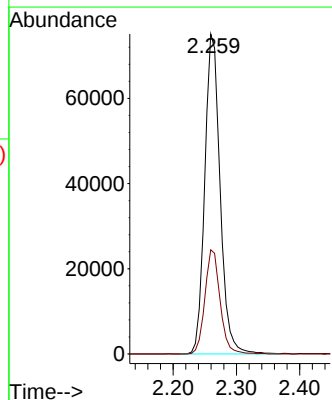
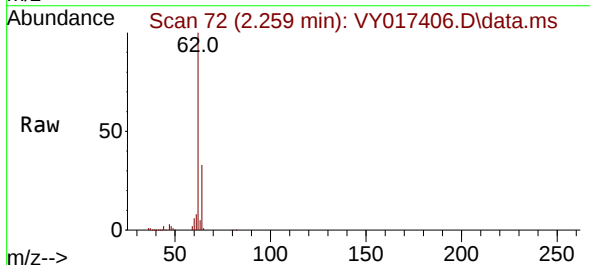
Instrument :
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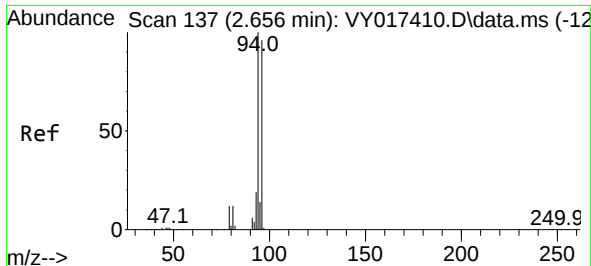
Tgt Ion: 50 Resp: 93912
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 38.179 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 62 Resp: 127055
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

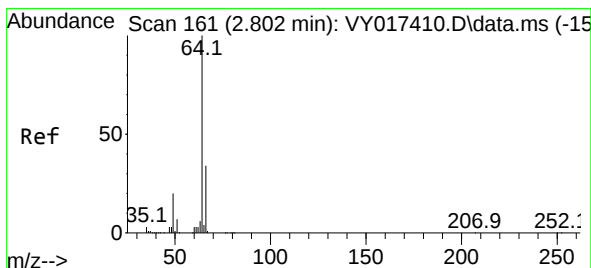
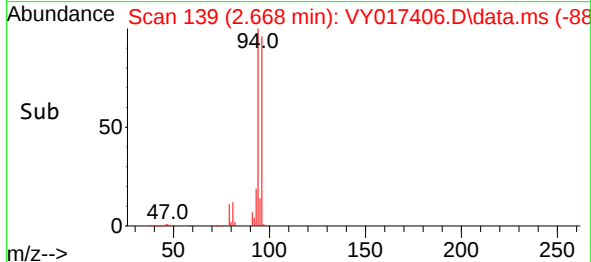
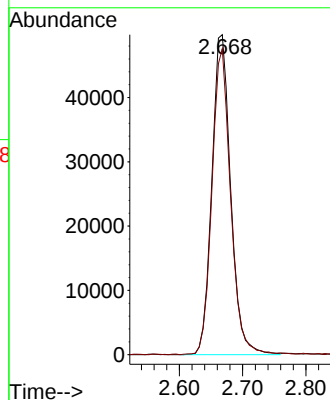
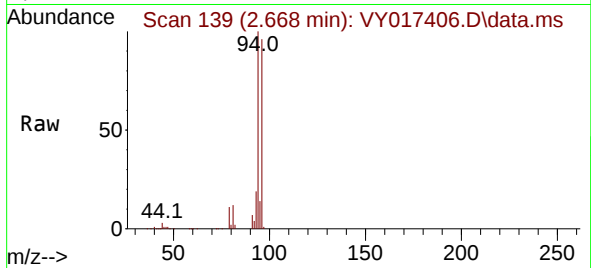




#5
Bromomethane
Concen: 41.564 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017406.D
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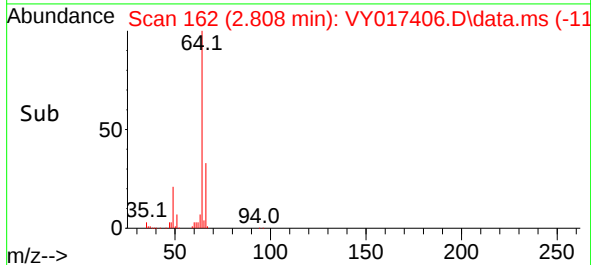
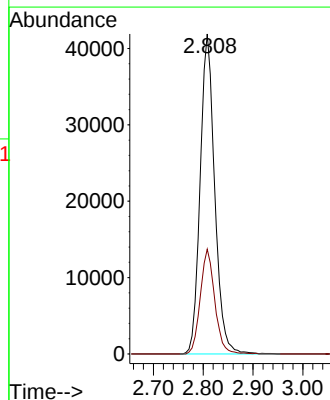
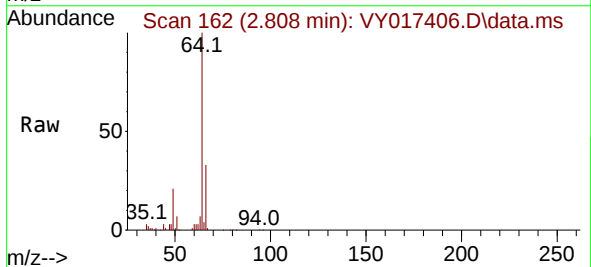
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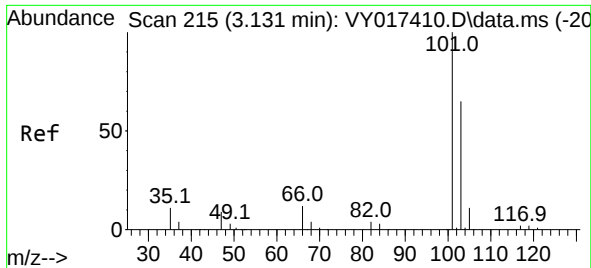
Tgt Ion: 94 Resp: 102919
Ion Ratio Lower Upper
94 100
96 95.6 74.1 111.1



#6
Chloroethane
Concen: 40.059 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 84923
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

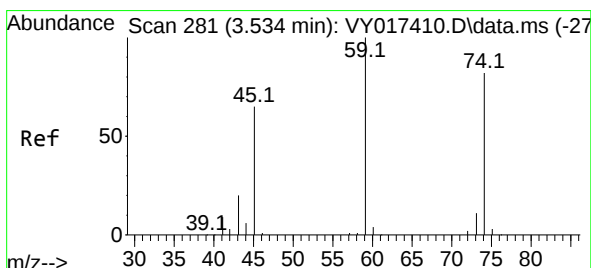
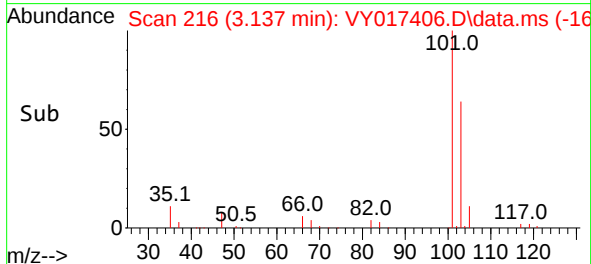
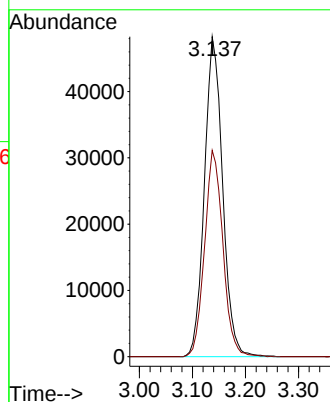
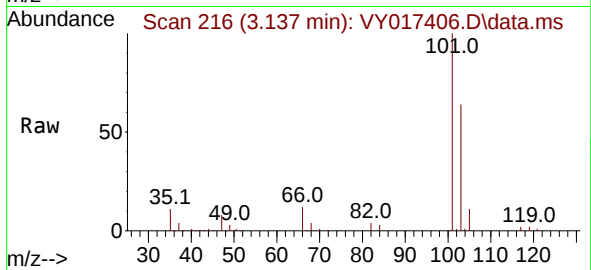




#7
 Trichlorofluoromethane
 Concen: 40.333 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY017406.D
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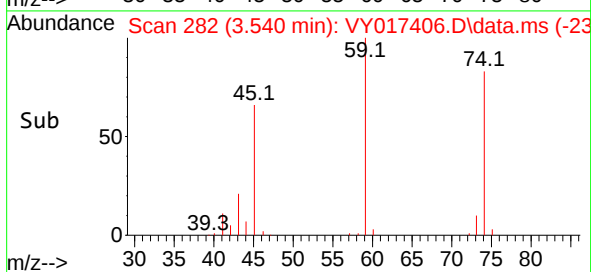
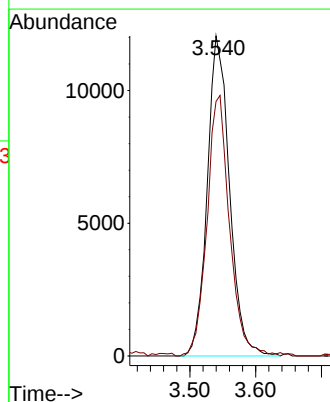
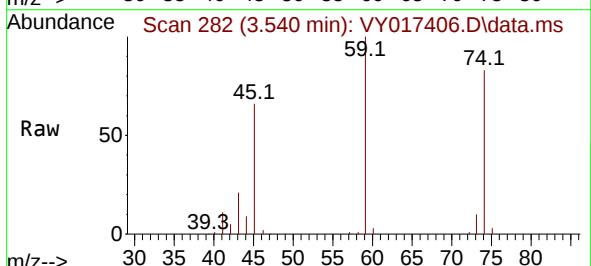
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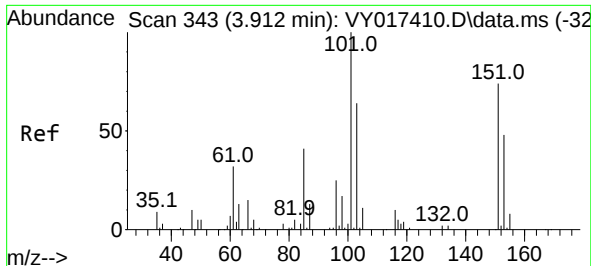
Tgt Ion:101 Resp: 115111
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 35.191 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 28387
 Ion Ratio Lower Upper
 74 100
 45 82.9 41.3 124.1

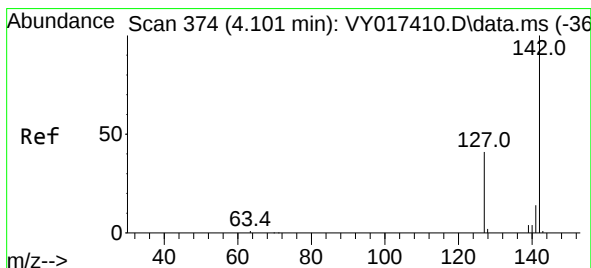
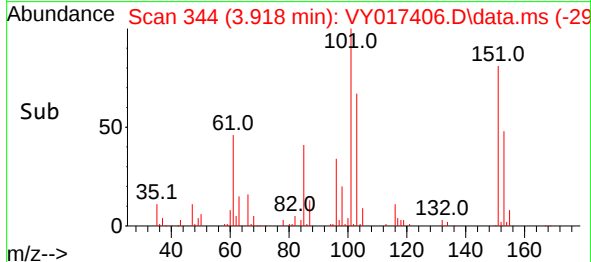
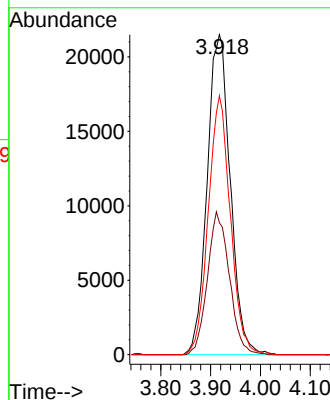
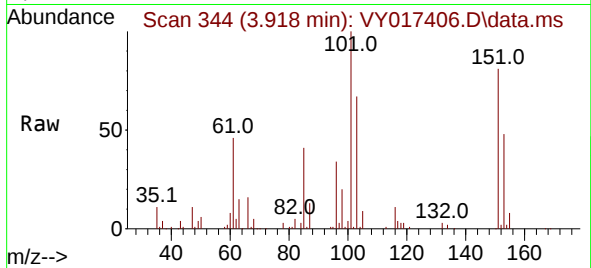




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.941 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

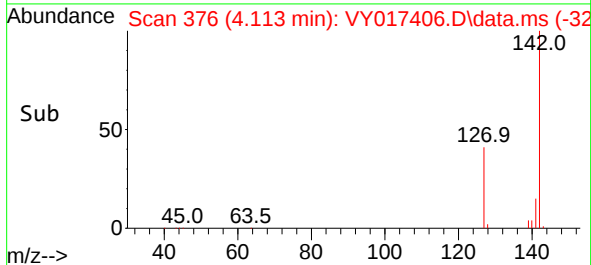
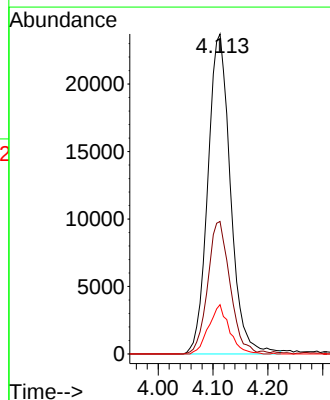
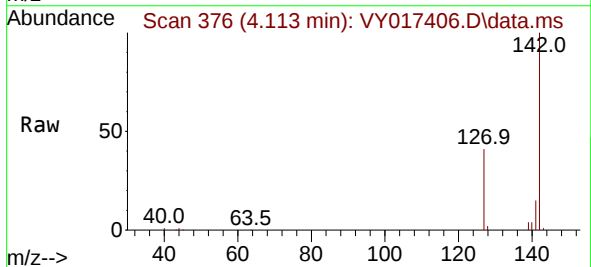
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

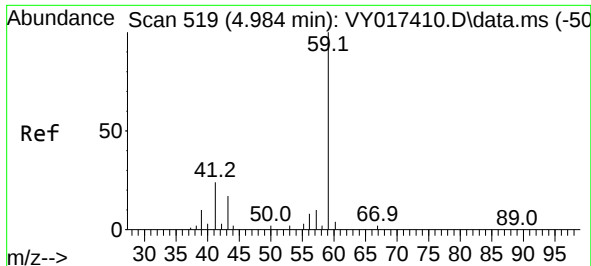
Tgt Ion:101 Resp: 69188
Ion Ratio Lower Upper
101 100
85 42.4 34.5 51.7
151 77.4 61.7 92.5



#10
Methyl Iodide
Concen: 38.648 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion:142 Resp: 67849
Ion Ratio Lower Upper
142 100
127 41.1 32.8 49.2
141 14.1 11.4 17.2

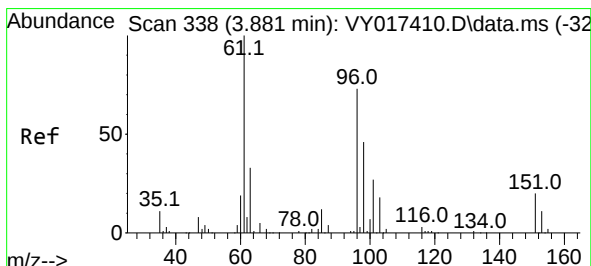
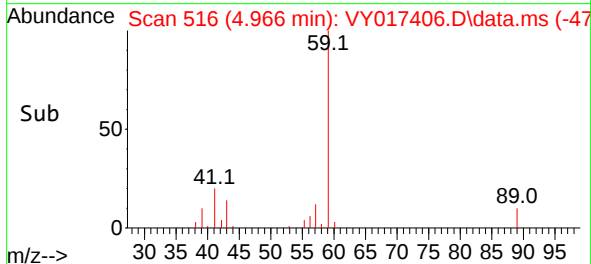
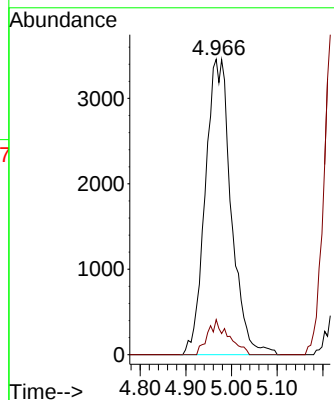
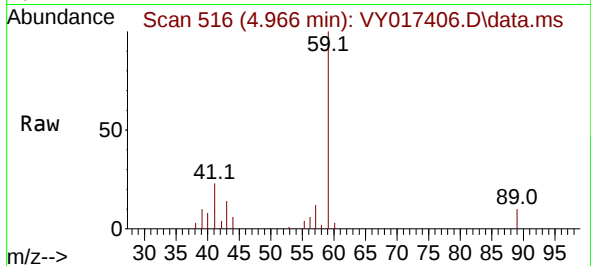




#11
Tert butyl alcohol
Concen: 130.974 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

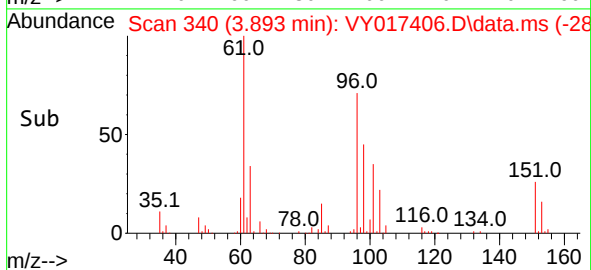
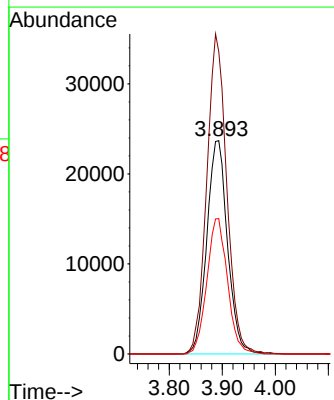
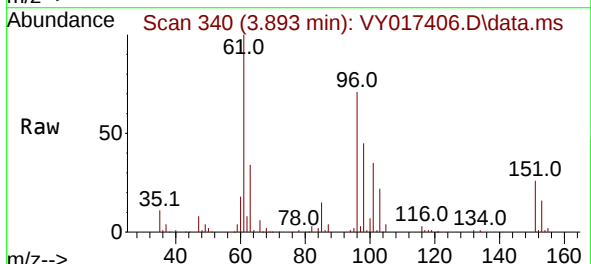
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

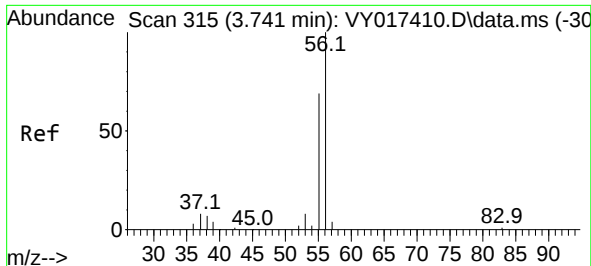
Tgt Ion: 59 Resp: 13664
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 41.433 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 96 Resp: 64244
Ion Ratio Lower Upper
96 100
61 141.8 114.6 171.8
98 63.5 50.8 76.2





#13

Acrolein

Concen: 138.637 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

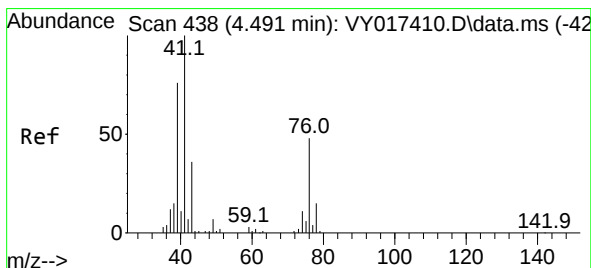
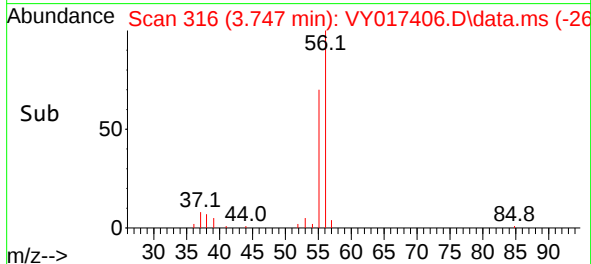
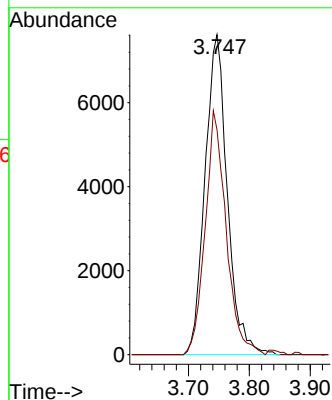
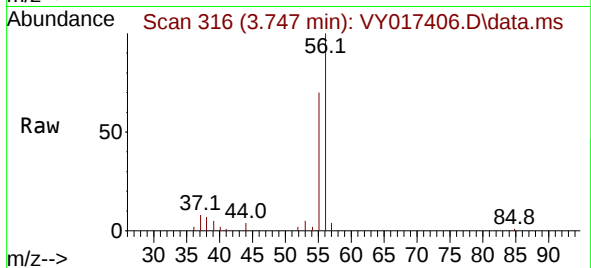
VSTDICCC050

Tgt Ion: 56 Resp: 19355

Ion Ratio Lower Upper

56 100

55 71.8 55.7 83.5



#14

Allyl chloride

Concen: 40.527 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

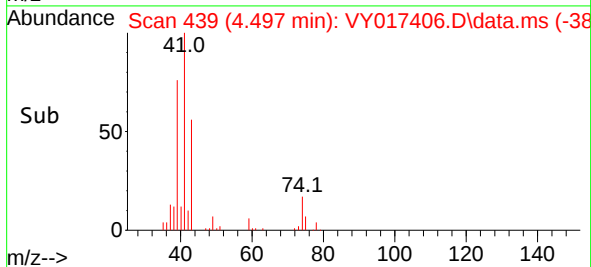
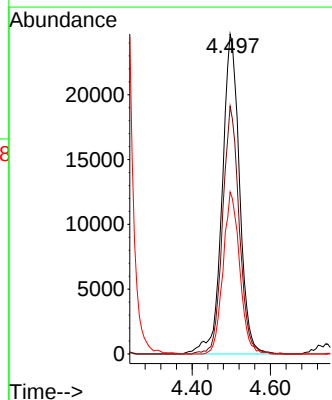
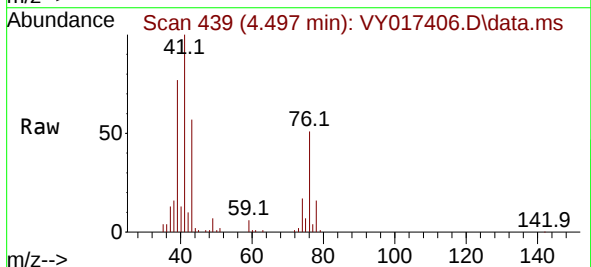
Tgt Ion: 41 Resp: 76166

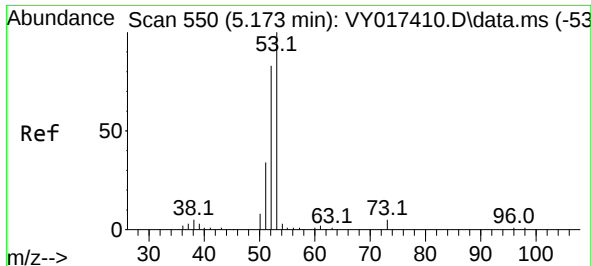
Ion Ratio Lower Upper

41 100

39 74.2 58.3 87.5

76 48.4 39.0 58.6





#15

Acrylonitrile

Concen: 164.647 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

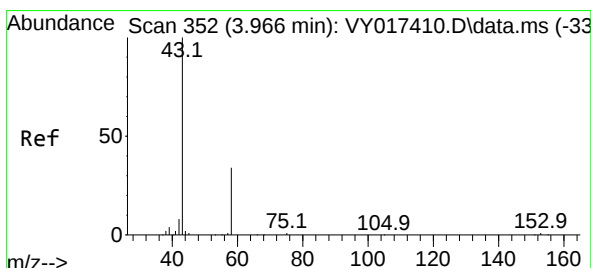
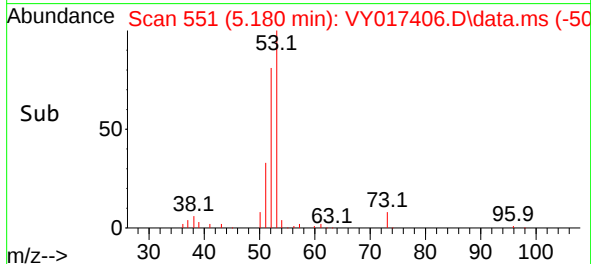
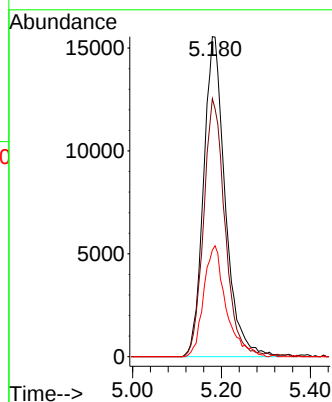
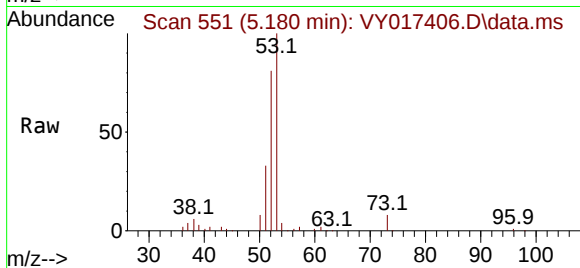
Tgt Ion: 53 Resp: 52803

Ion Ratio Lower Upper

53 100

52 79.5 64.7 97.1

51 35.8 28.4 42.6



#16

Acetone

Concen: 168.000 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.000 min

Lab File: VY017406.D

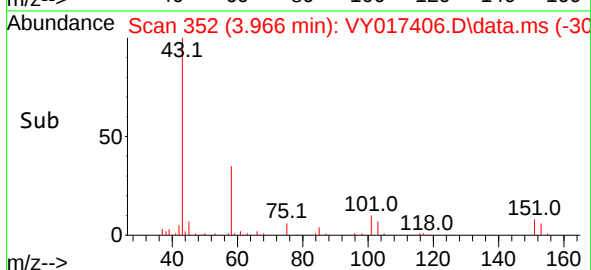
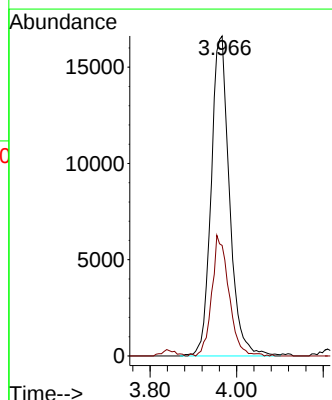
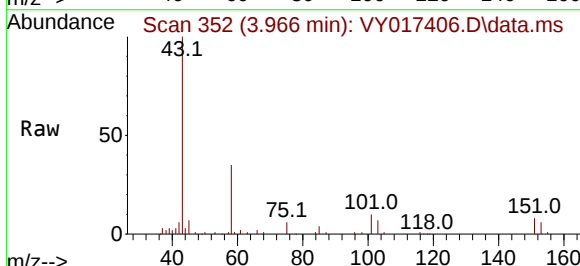
Acq: 19 Feb 2024 13:05

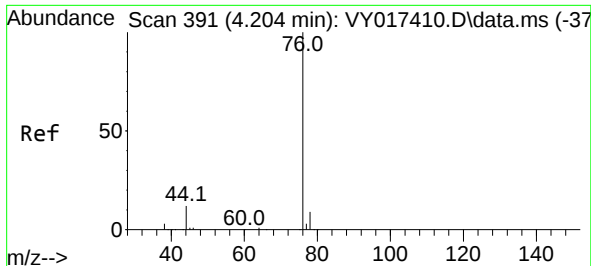
Tgt Ion: 43 Resp: 48818

Ion Ratio Lower Upper

43 100

58 34.5 31.7 47.5

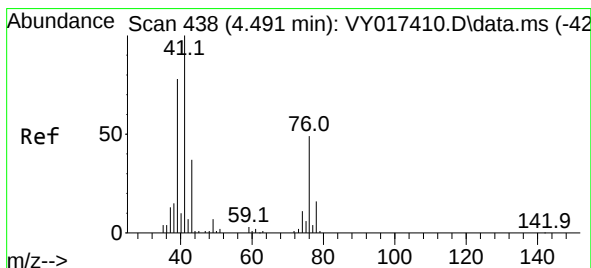
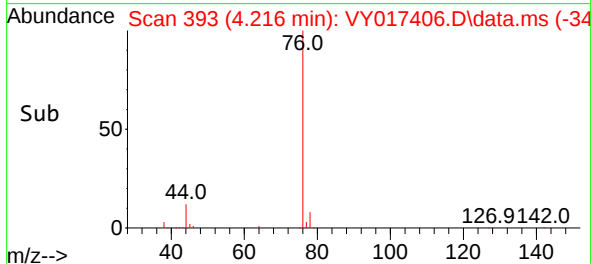
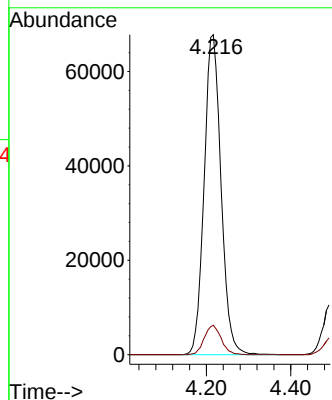
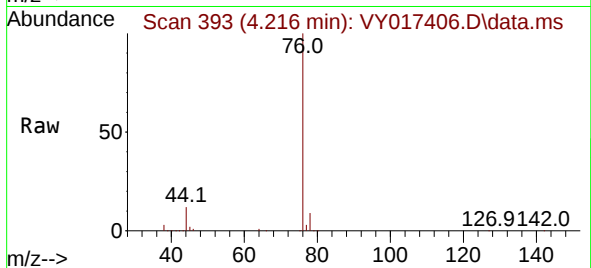




#17
Carbon Disulfide
Concen: 38.403 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

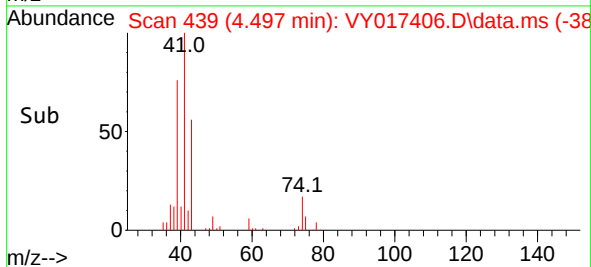
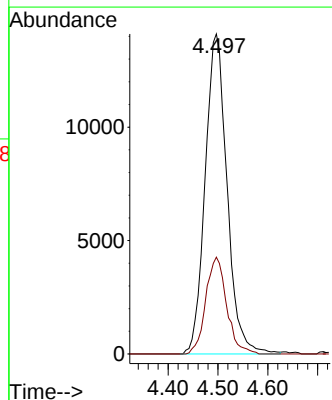
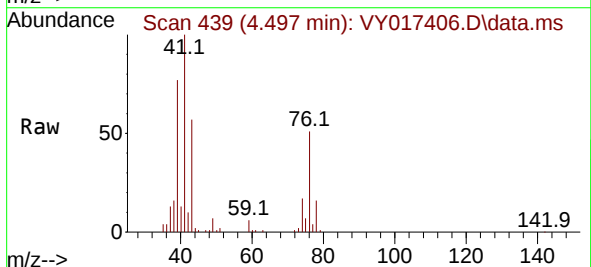
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

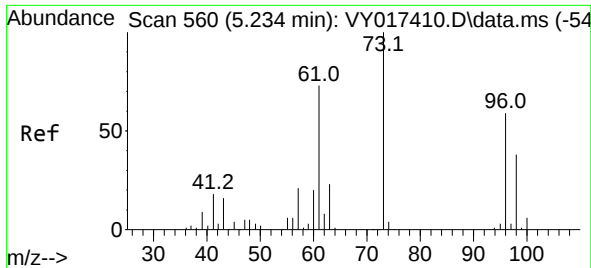
Tgt Ion: 76 Resp: 189172
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 65.379 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 43 Resp: 43080
Ion Ratio Lower Upper
43 100
74 28.8 23.3 34.9

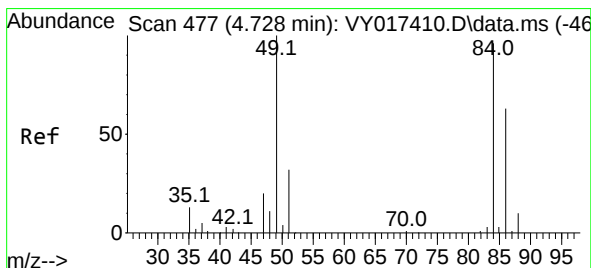
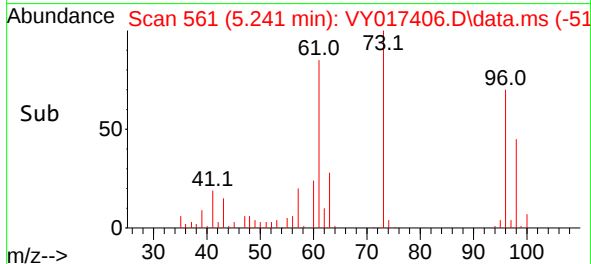
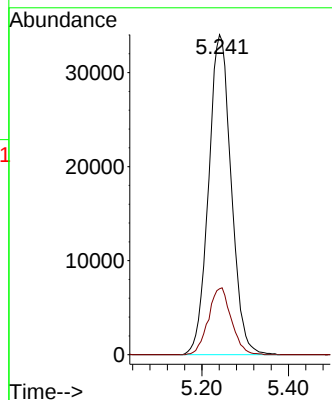
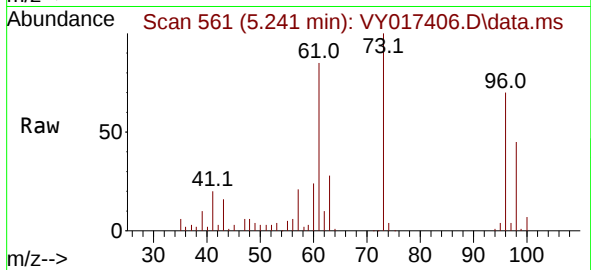




#19
Methyl tert-butyl Ether
Concen: 35.214 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

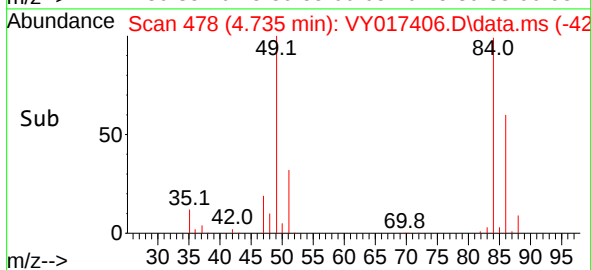
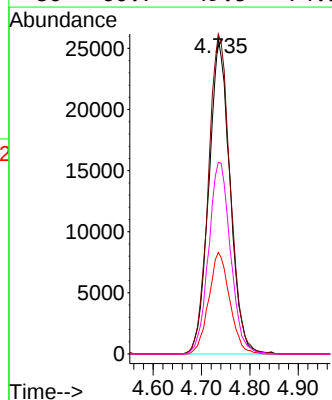
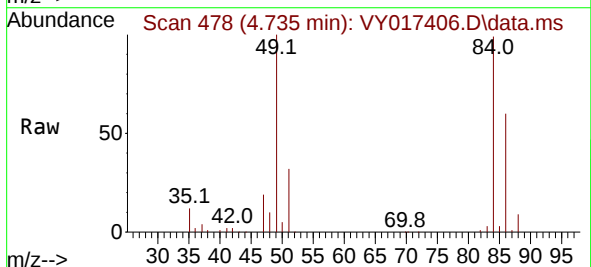
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

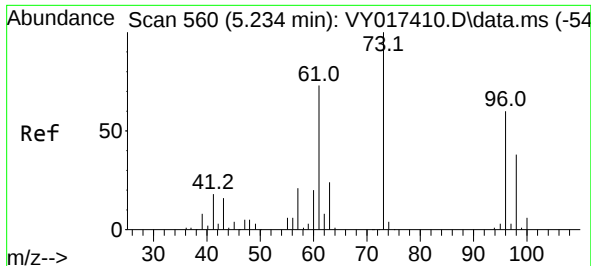
Tgt Ion: 73 Resp: 123334
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 42.867 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 84 Resp: 78077
Ion Ratio Lower Upper
84 100
49 101.3 84.4 126.6
51 32.1 26.0 39.0
86 60.7 49.5 74.3

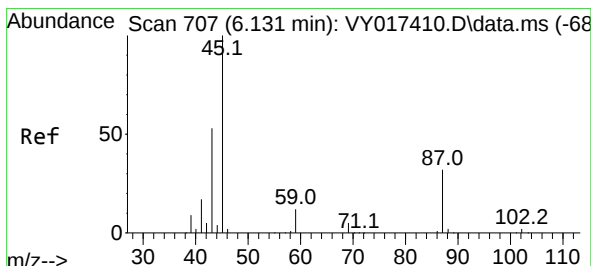
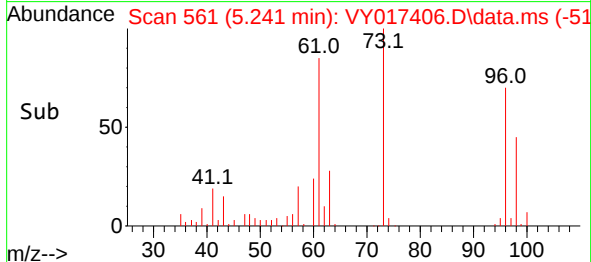
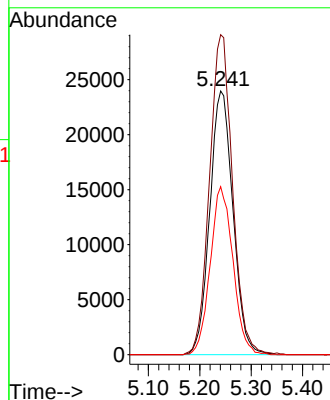
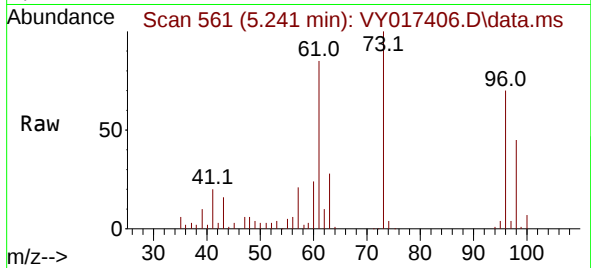




#21
trans-1,2-Dichloroethene
Concen: 41.963 ug/l
RT: 5.241 min Scan# 509
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

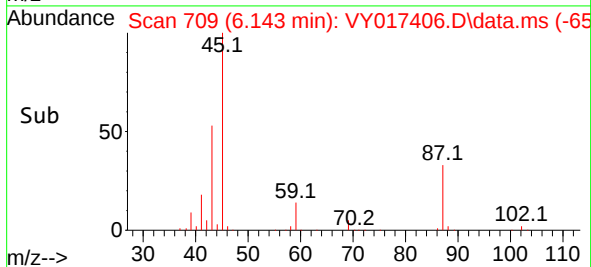
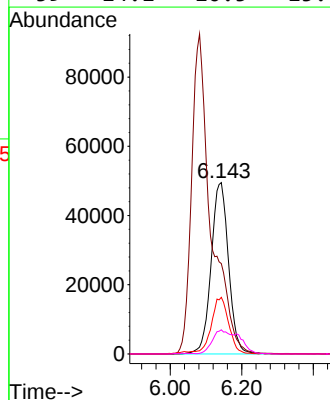
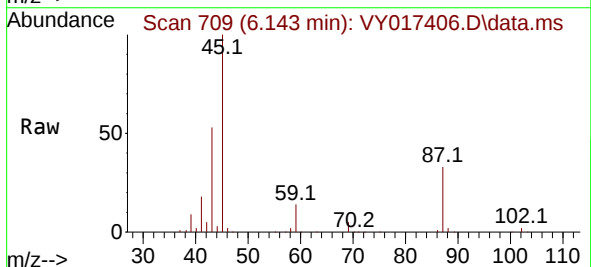
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

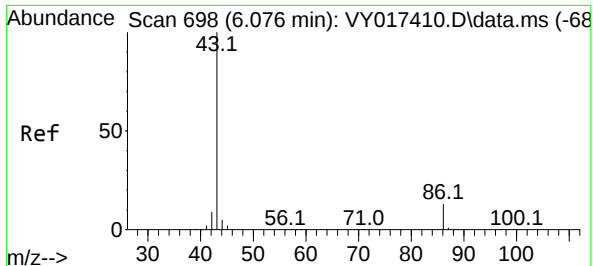
Tgt Ion: 96 Resp: 75255
Ion Ratio Lower Upper
96 100
61 121.4 97.5 146.3
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 38.646 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 45 Resp: 167046
Ion Ratio Lower Upper
45 100
43 52.5 42.2 63.2
87 33.1 25.0 37.6
59 14.1 10.5 15.7





#23

Vinyl Acetate

Concen: 135.521 ug/l

RT: 6.082 min Scan# 699

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

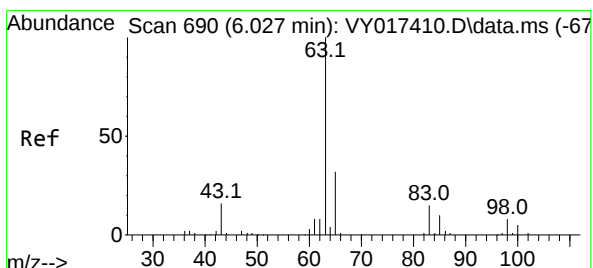
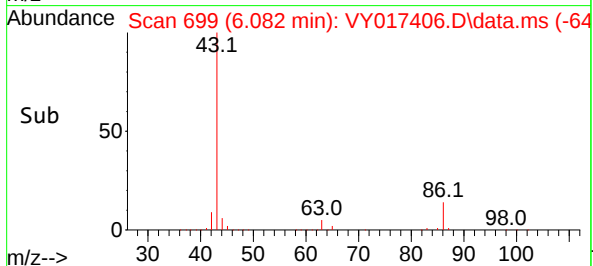
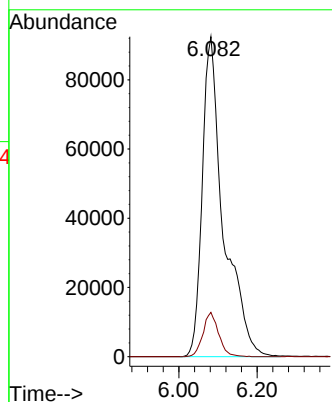
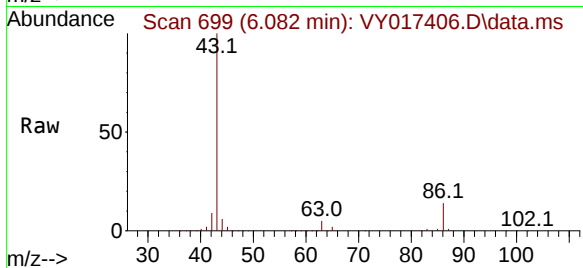
VSTDICCC050

Tgt Ion: 43 Resp: 348137

Ion Ratio Lower Upper

43 100

86 13.9 10.6 16.0



#24

1,1-Dichloroethane

Concen: 40.083 ug/l

RT: 6.039 min Scan# 692

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

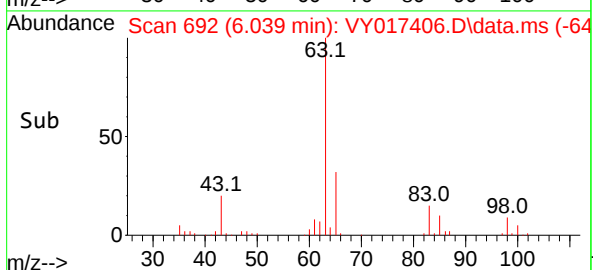
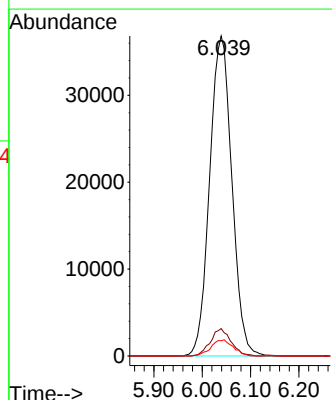
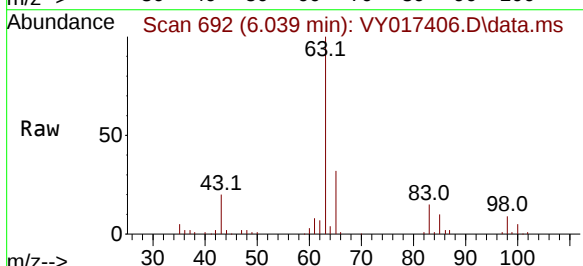
Tgt Ion: 63 Resp: 117466

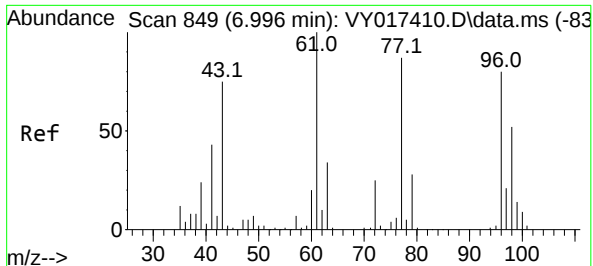
Ion Ratio Lower Upper

63 100

98 8.6 4.0 12.2

100 4.8 2.6 8.0





#25

2-Butanone

Concen: 156.167 ug/l

RT: 7.002 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

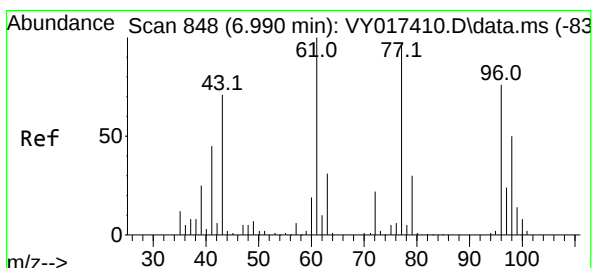
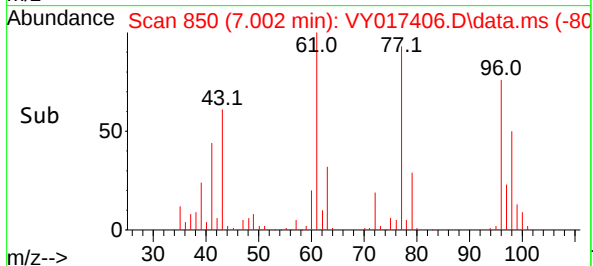
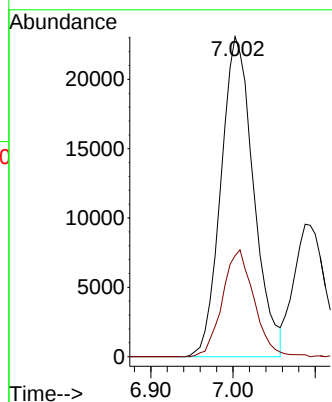
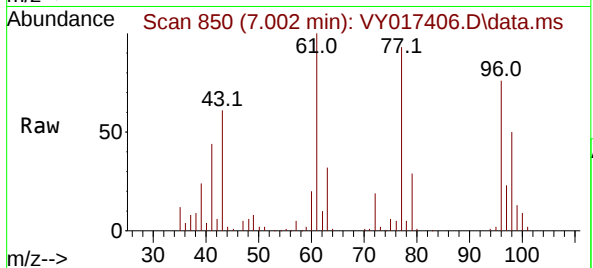
VSTDICCC050

Tgt Ion: 43 Resp: 63699

Ion Ratio Lower Upper

43 100

72 31.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 43.030 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY017406.D

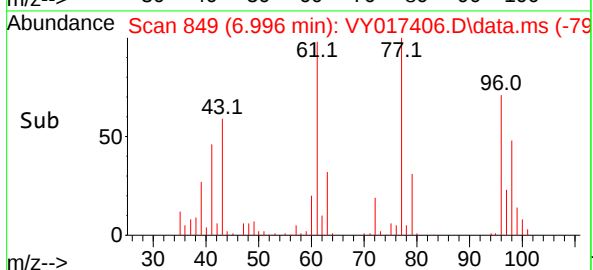
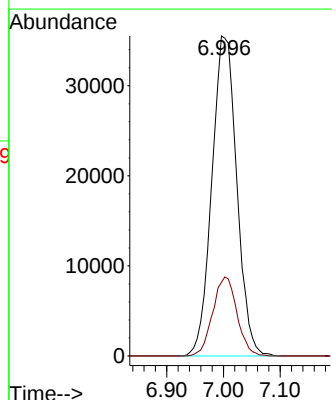
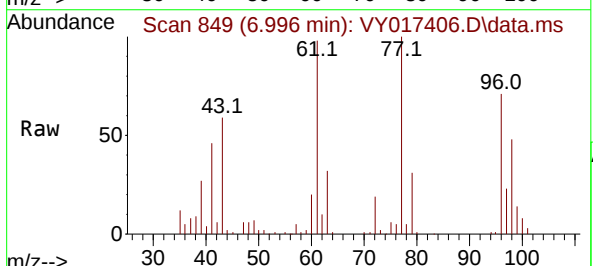
Acq: 19 Feb 2024 13:05

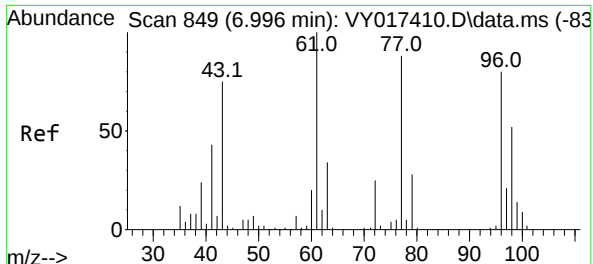
Tgt Ion: 77 Resp: 108505

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 40.061 ug/l

RT: 7.009 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

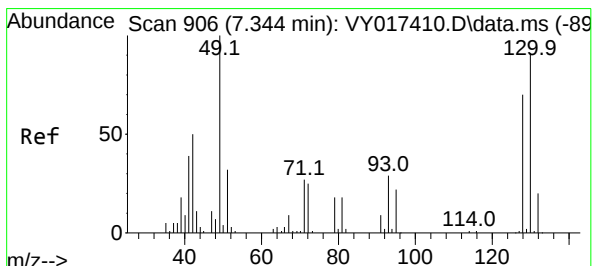
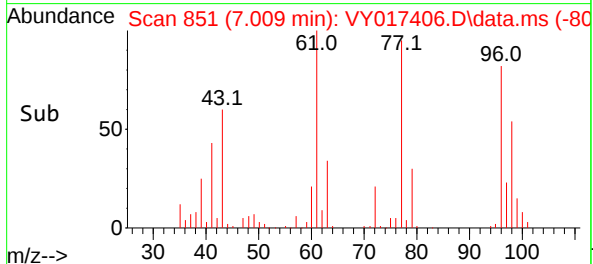
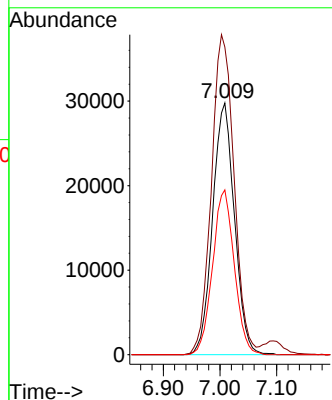
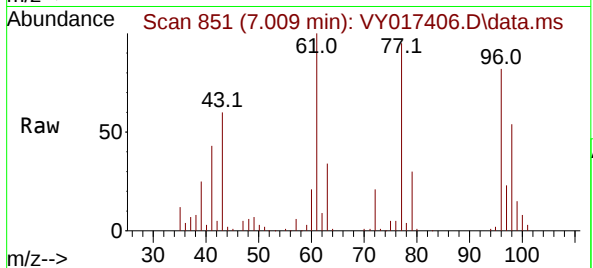
Tgt Ion: 96 Resp: 79796

Ion Ratio Lower Upper

96 100

61 131.5 0.0 256.2

98 65.0 0.0 130.0



#28

Bromochloromethane

Concen: 38.497 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

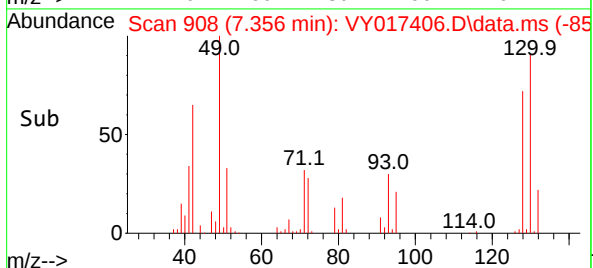
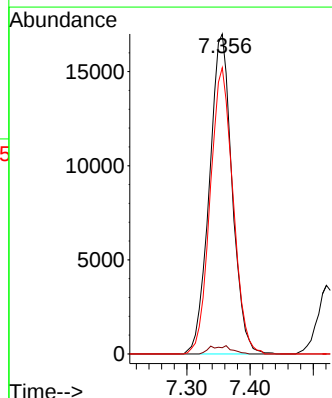
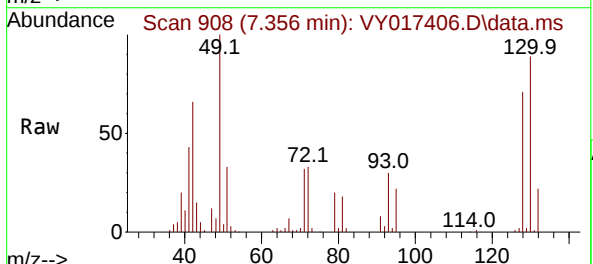
Tgt Ion: 49 Resp: 42329

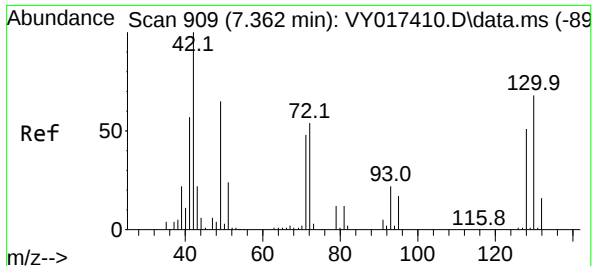
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 89.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 153.002 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

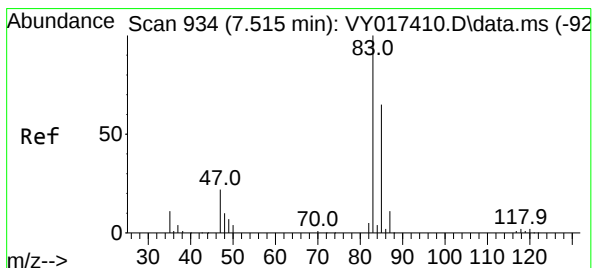
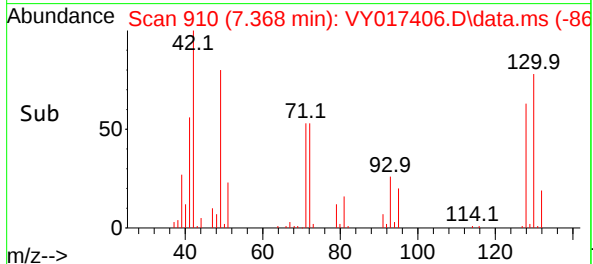
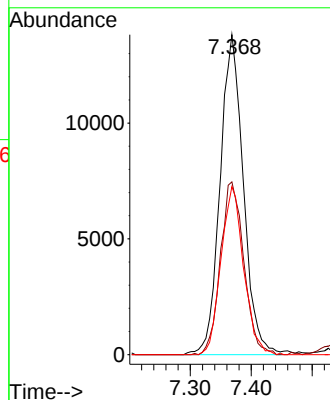
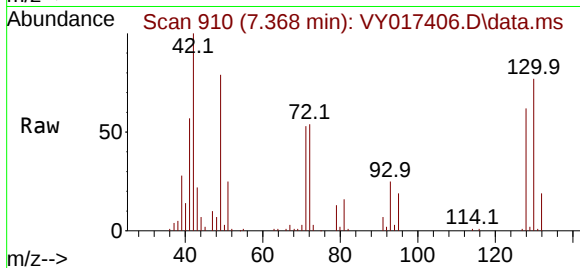
Tgt Ion: 42 Resp: 36687

Ion Ratio Lower Upper

42 100

72 54.2 43.0 64.4

71 51.2 40.8 61.2



#30

Chloroform

Concen: 40.244 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY017406.D

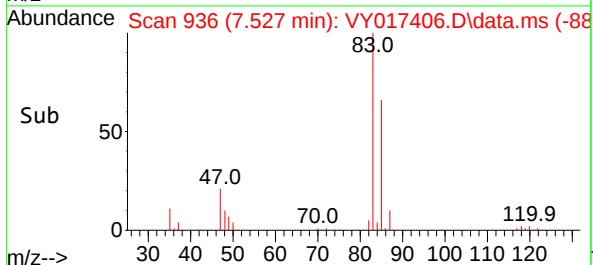
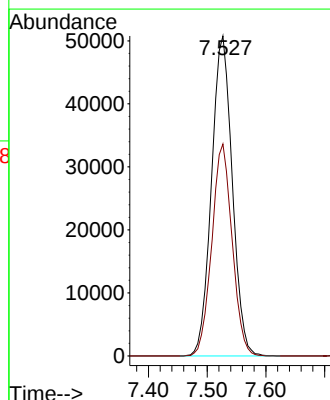
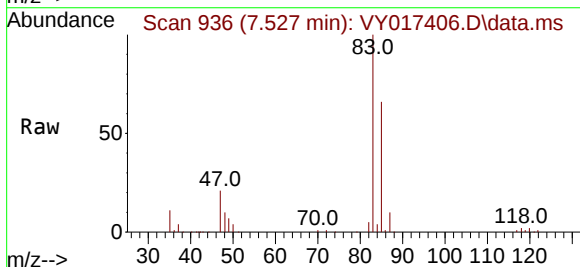
Acq: 19 Feb 2024 13:05

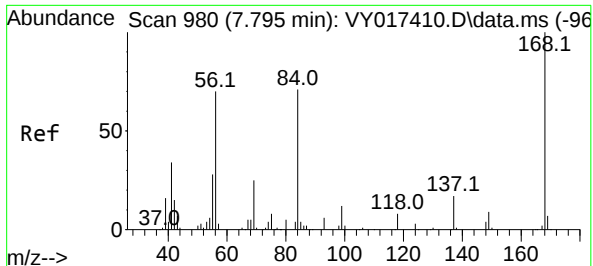
Tgt Ion: 83 Resp: 124497

Ion Ratio Lower Upper

83 100

85 66.2 52.2 78.4

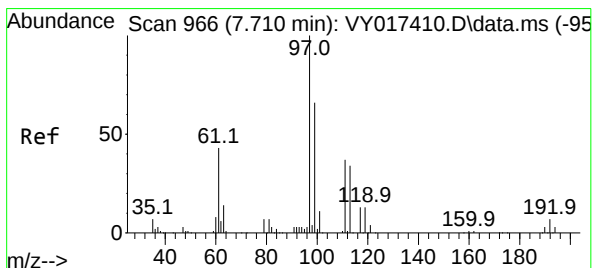
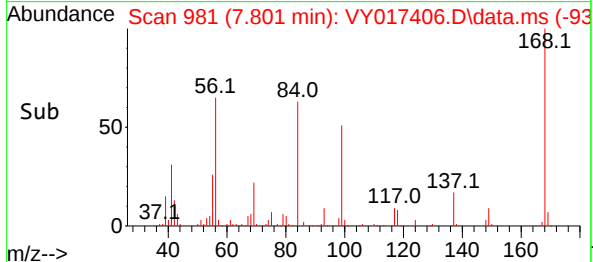
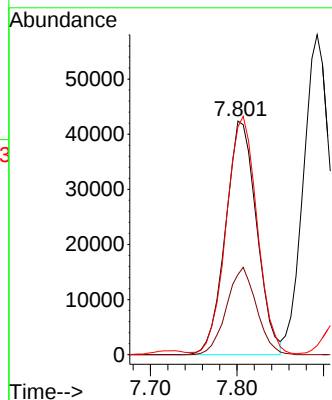
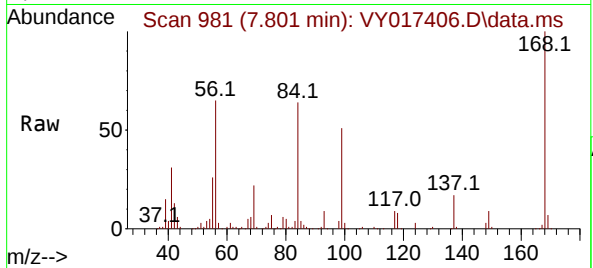




#31
Cyclohexane
Concen: 39.912 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

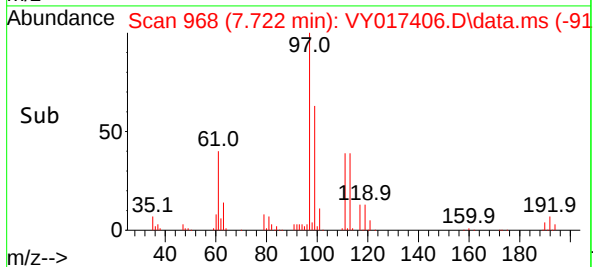
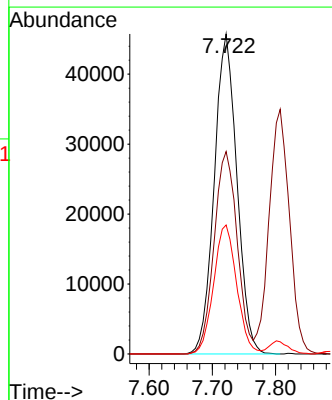
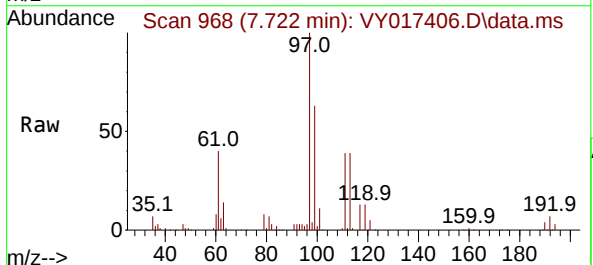
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

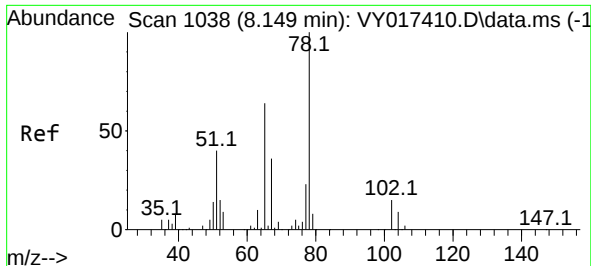
Tgt Ion: 56 Resp: 106013
Ion Ratio Lower Upper
56 100
69 34.4 28.7 43.1
84 96.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 41.653 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 97 Resp: 113812
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 41.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 38.960 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

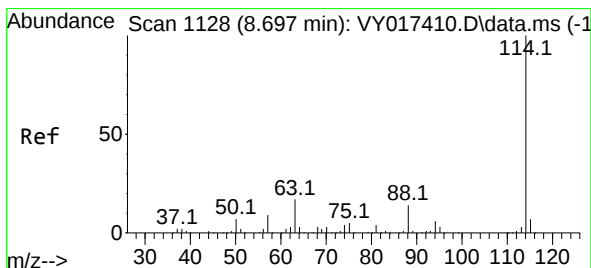
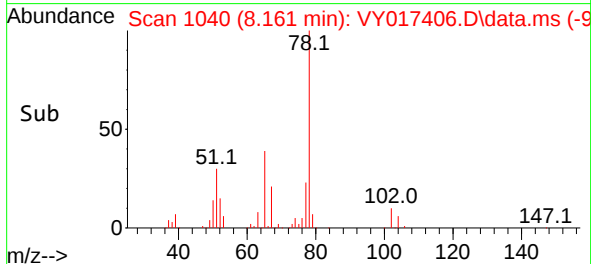
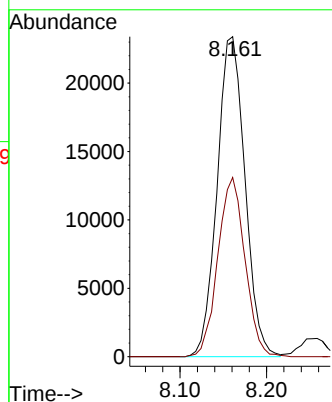
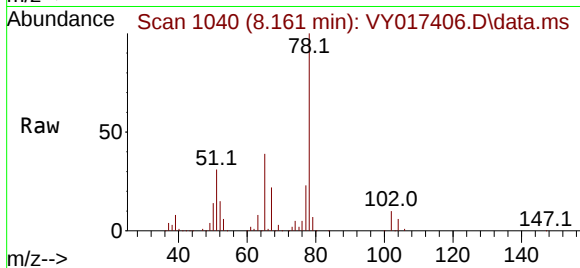
VSTDICCC050

Tgt Ion: 65 Resp: 52274

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

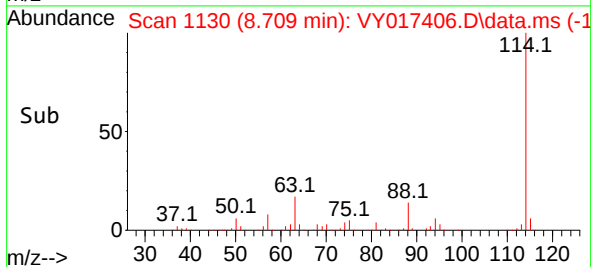
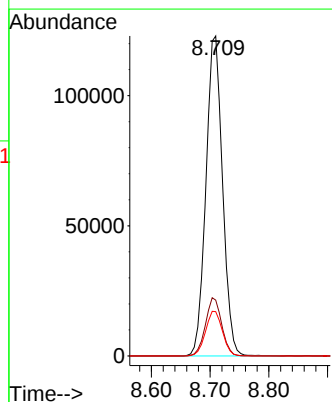
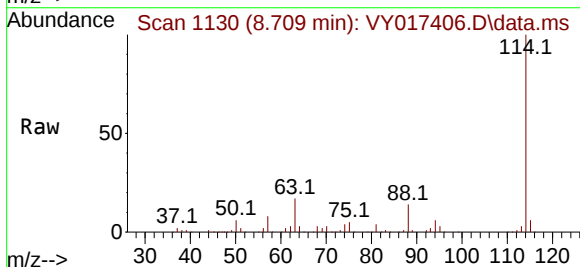
Tgt Ion: 114 Resp: 241625

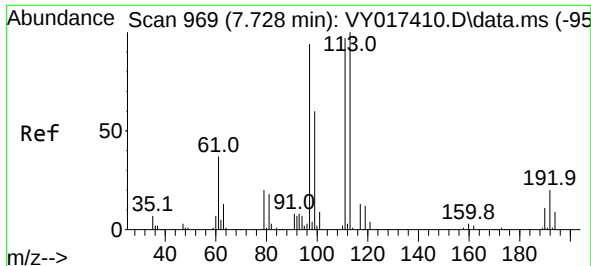
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.8 0.0 27.2

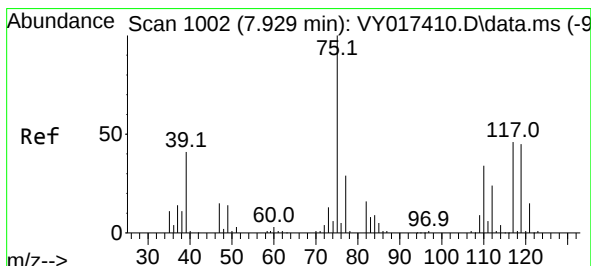
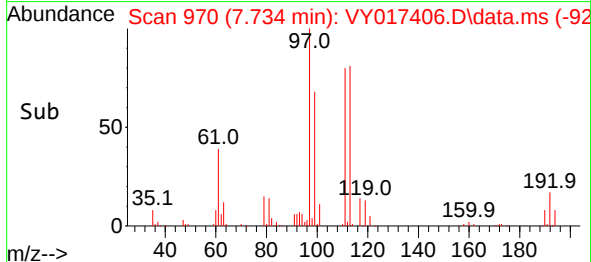
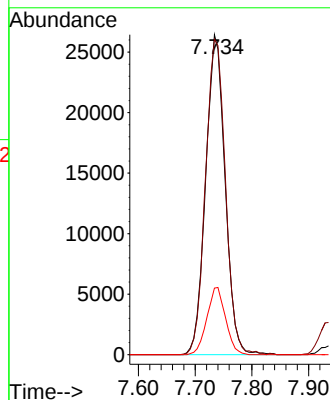
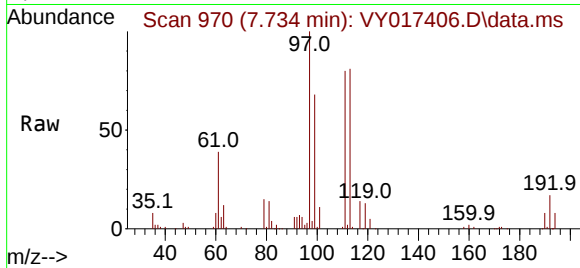




#35
Dibromofluoromethane
Concen: 44.438 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

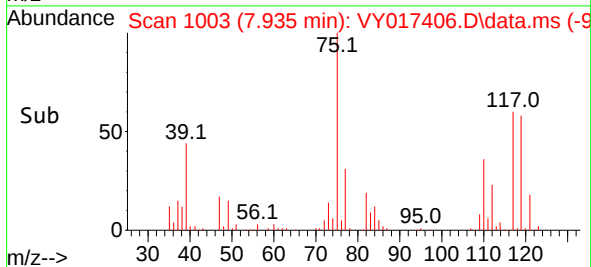
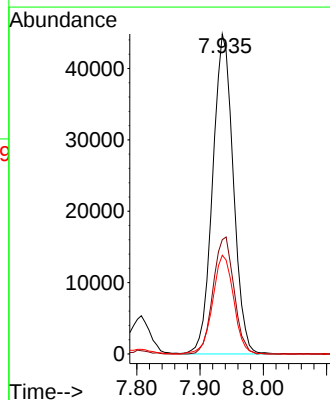
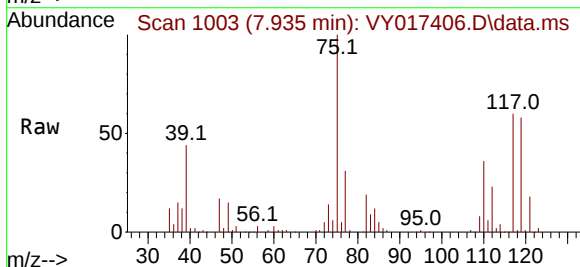
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

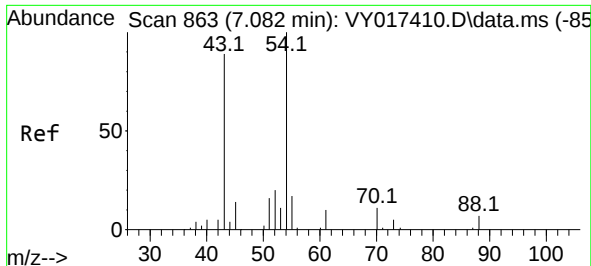
Tgt Ion:113 Resp: 62853
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 42.999 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 75 Resp: 101574
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 30.540 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

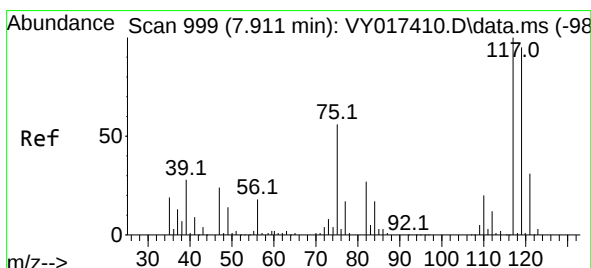
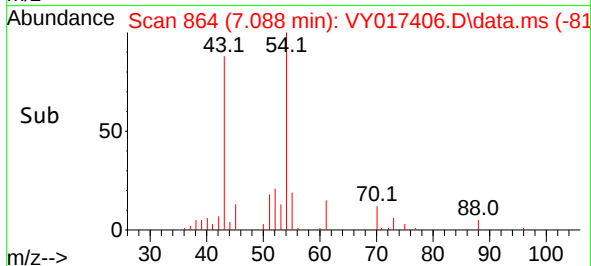
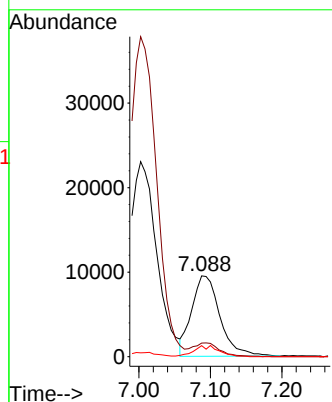
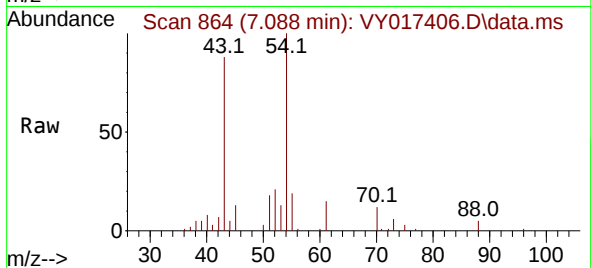
Tgt Ion: 43 Resp: 26269

Ion Ratio Lower Upper

43 100

61 15.5 12.6 19.0

70 12.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 43.440 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

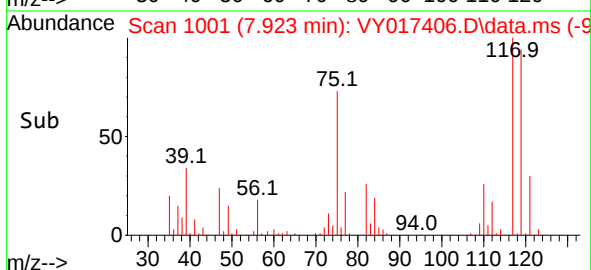
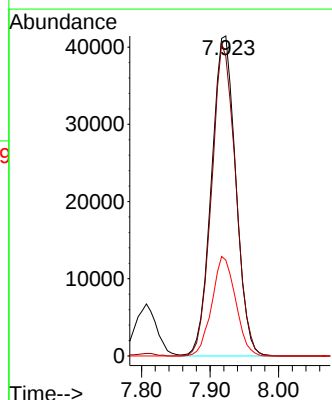
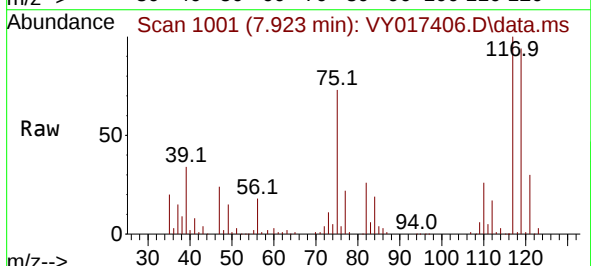
Tgt Ion: 117 Resp: 102166

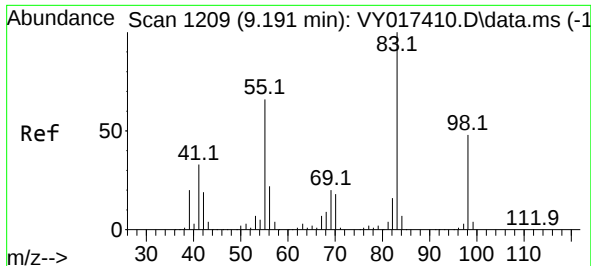
Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.6

121 29.9 24.0 36.0

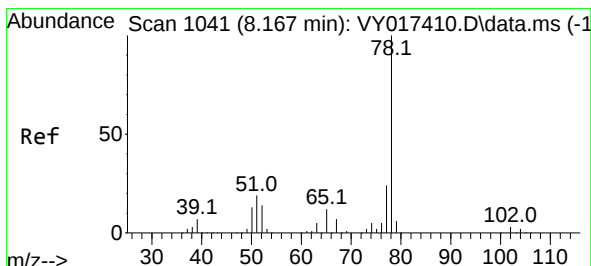
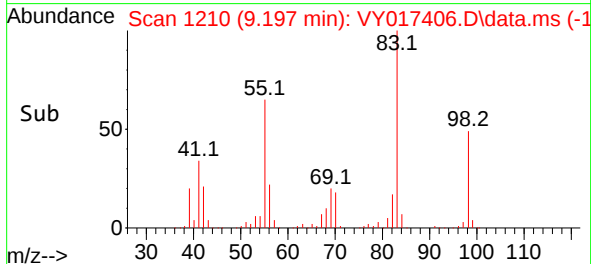
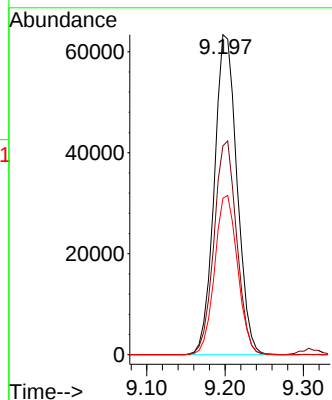
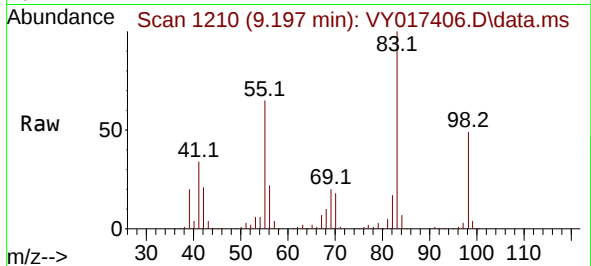




#39
Methylcyclohexane
Concen: 44.248 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

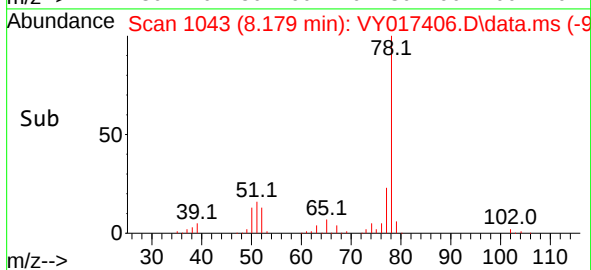
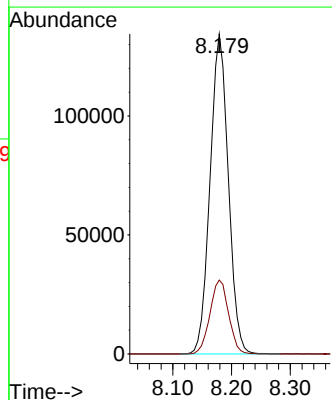
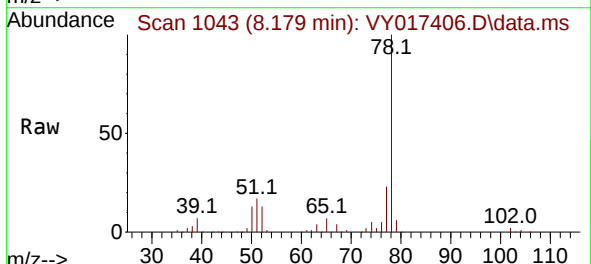
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

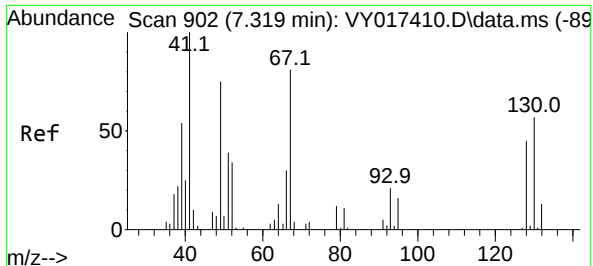
Tgt Ion: 83 Resp: 127943
Ion Ratio Lower Upper
83 100
55 65.2 51.5 77.3
98 48.9 40.5 60.7



#40
Benzene
Concen: 42.047 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 78 Resp: 290194
Ion Ratio Lower Upper
78 100
77 23.1 19.5 29.3

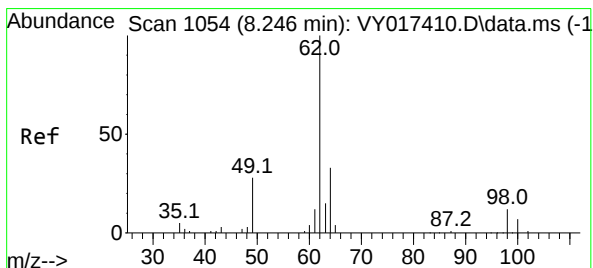
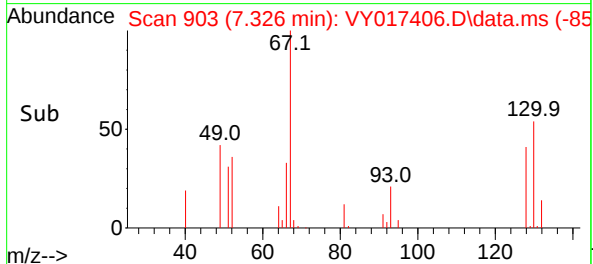
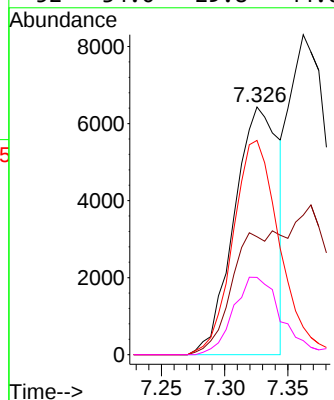
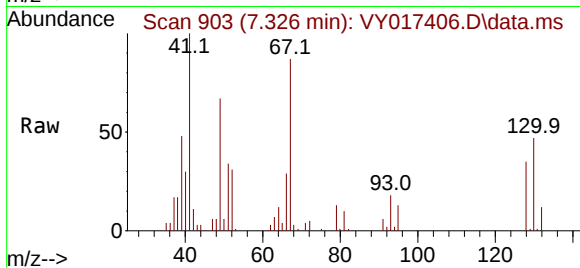




#41
Methacrylonitrile
Concen: 37.352 ug/l
RT: 7.326 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

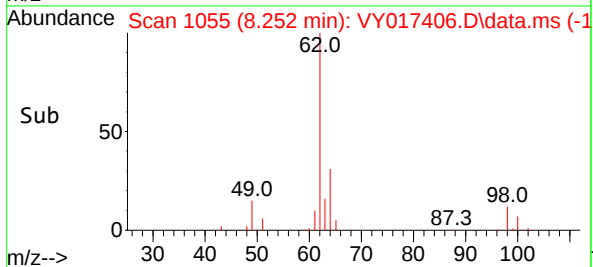
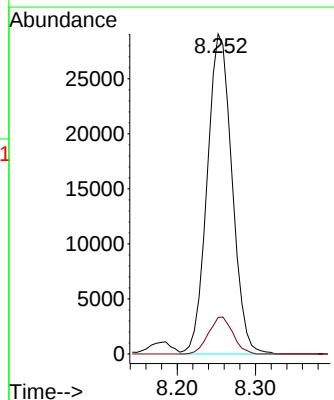
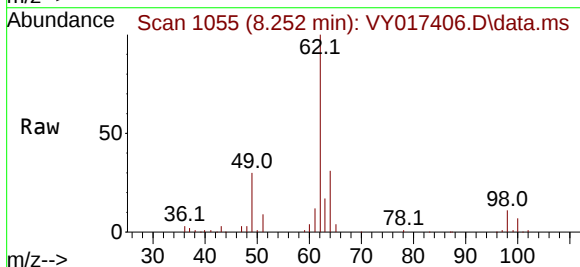
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

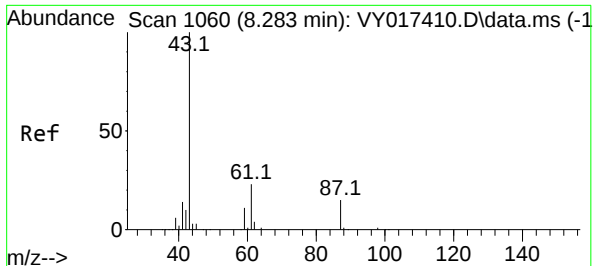
Tgt Ion:	41	Resp:	15690
Ion	Ratio	Lower	Upper
41	100		
39	38.5	48.0	72.0#
67	91.6	75.1	112.7
52	34.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 38.213 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion:	62	Resp:	64017
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.0

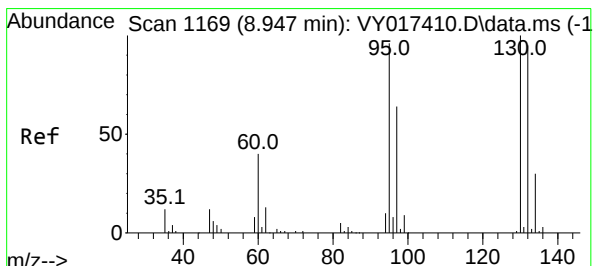
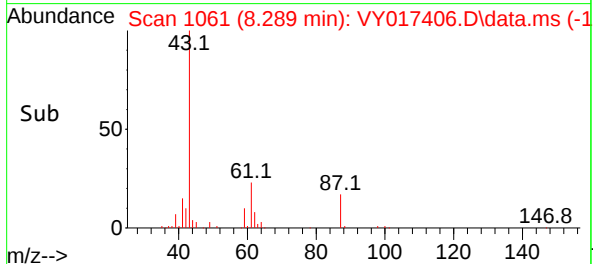
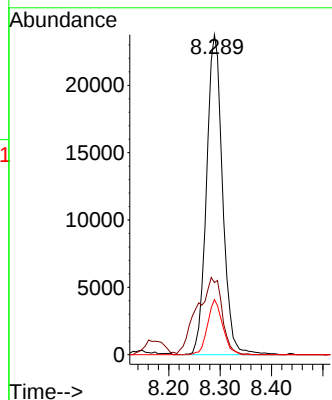
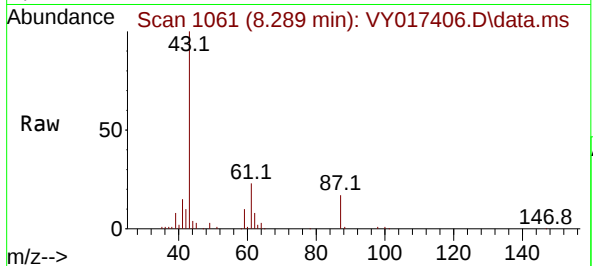




#43
Isopropyl Acetate
Concen: 33.065 ug/l
RT: 8.289 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

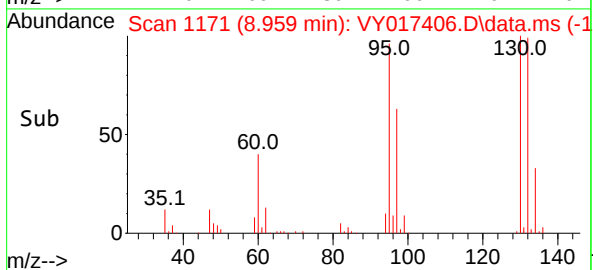
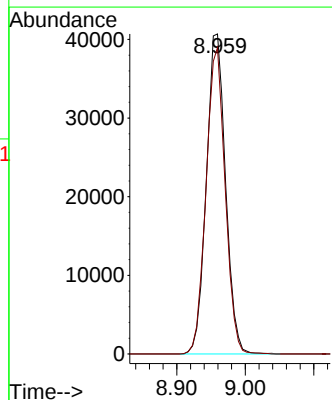
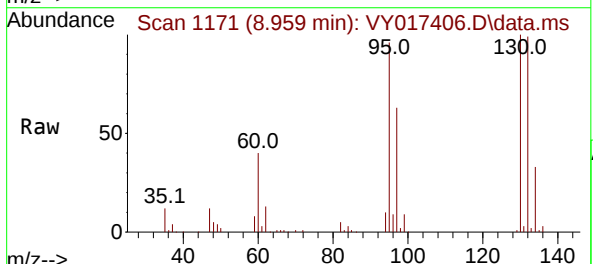
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

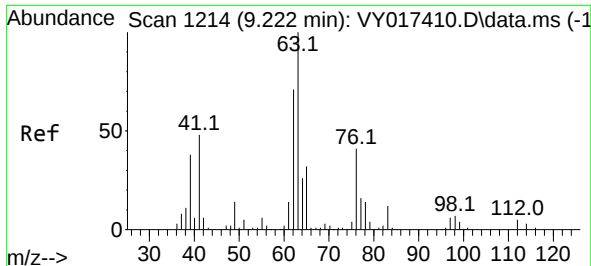
Tgt Ion: 43 Resp: 51395
Ion Ratio Lower Upper
43 100
61 37.6 27.9 41.9
87 16.2 13.1 19.7



#44
Trichloroethene
Concen: 42.435 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion:130 Resp: 79386
Ion Ratio Lower Upper
130 100
95 95.8 0.0 188.0

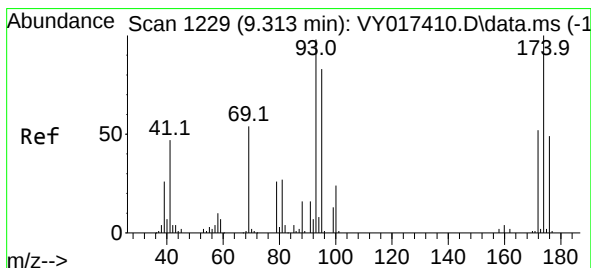
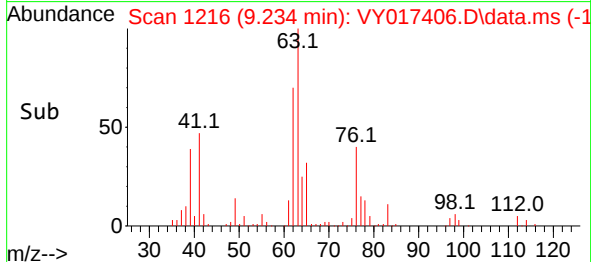
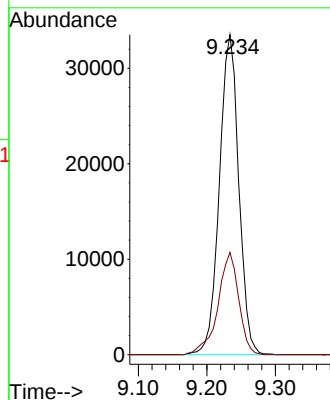
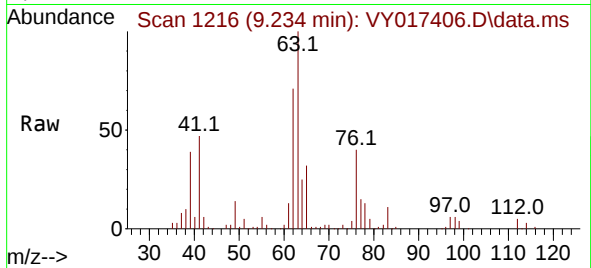




#45
1,2-Dichloropropane
Concen: 41.190 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

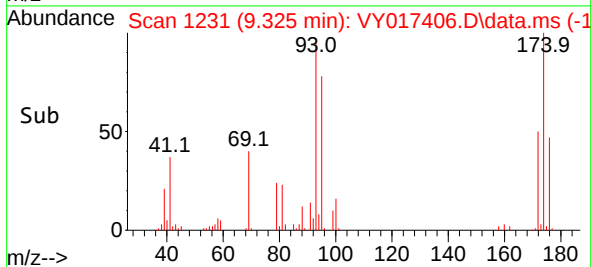
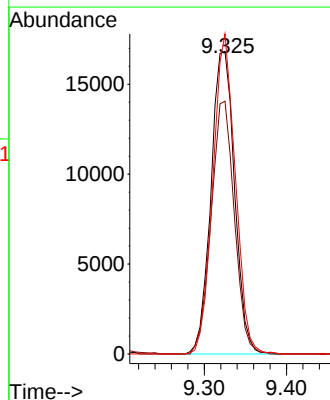
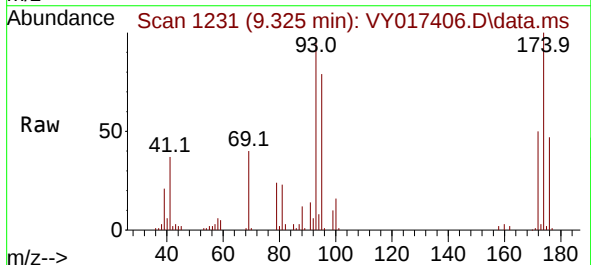
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

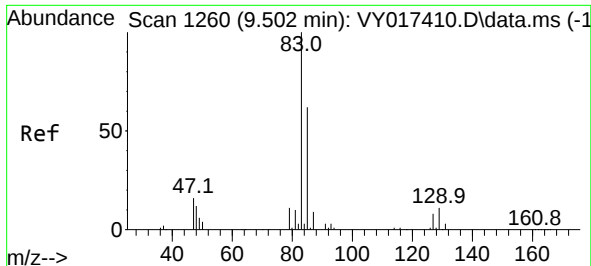
Tgt Ion: 63 Resp: 65713
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2



#46
Dibromomethane
Concen: 37.068 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 93 Resp: 33613
Ion Ratio Lower Upper
93 100
95 82.1 66.2 99.4
174 100.0 80.9 121.3

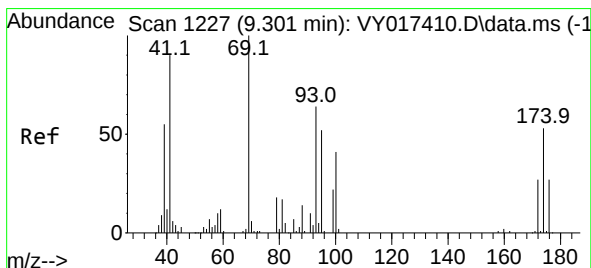
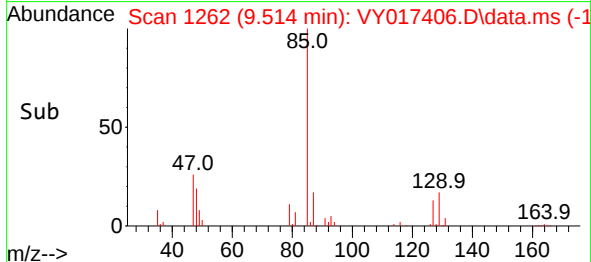
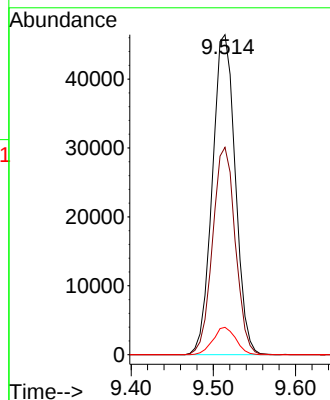
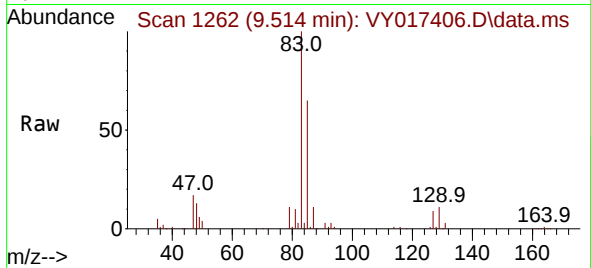




#47
Bromodichloromethane
Concen: 40.381 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

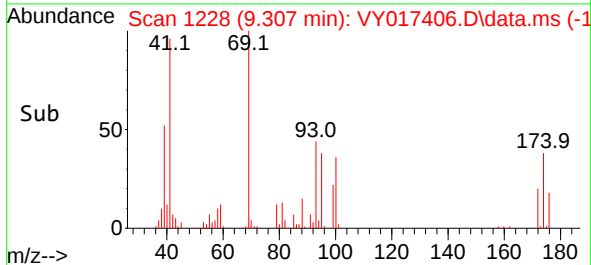
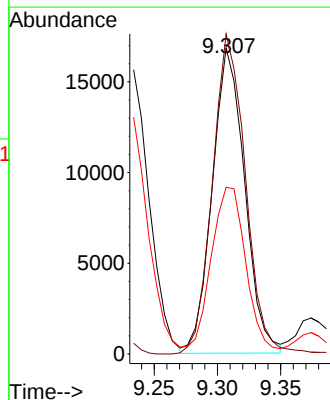
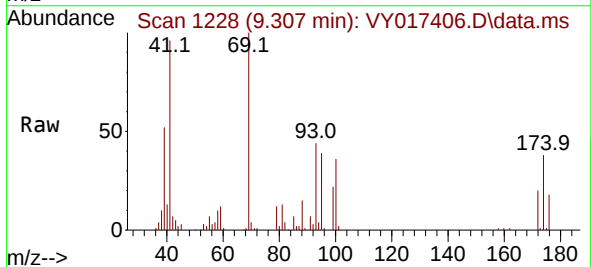
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

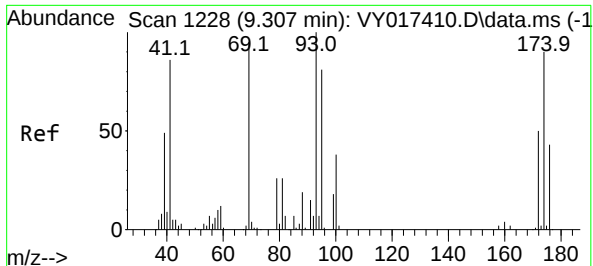
Tgt Ion: 83 Resp: 90029
Ion Ratio Lower Upper
83 100
85 64.8 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 41.153 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 41 Resp: 30012
Ion Ratio Lower Upper
41 100
69 106.8 84.1 126.1
39 54.9 43.6 65.4





#49

1,4-Dioxane

Concen: 690.836 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

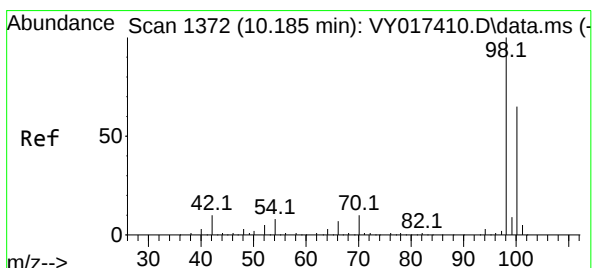
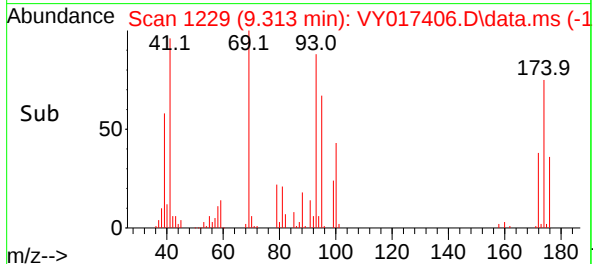
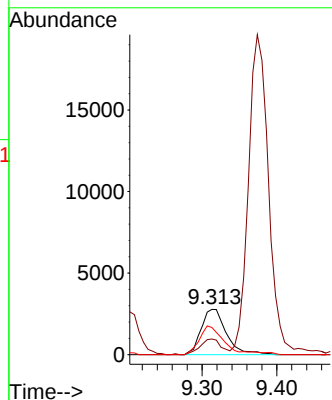
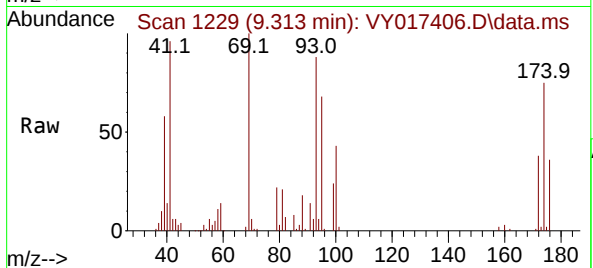
Tgt Ion: 88 Resp: 6552

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0#

58 63.2 49.3 73.9



#50

Toluene-d8

Concen: 44.629 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY017406.D

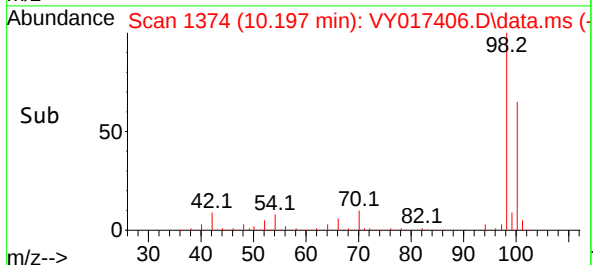
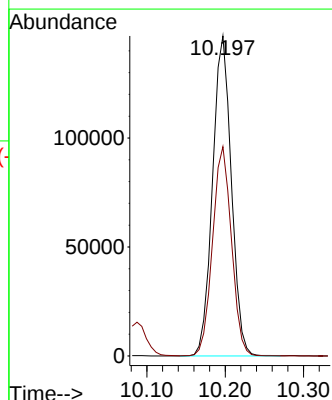
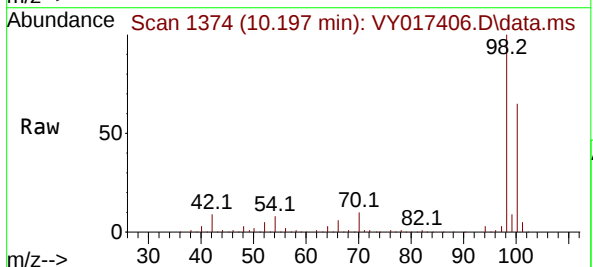
Acq: 19 Feb 2024 13:05

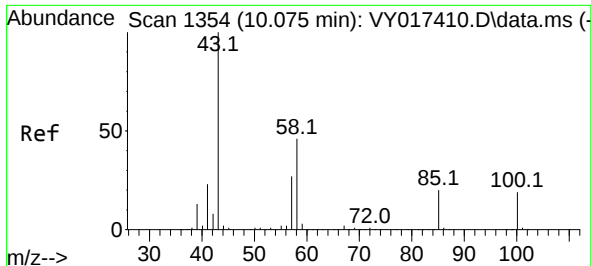
Tgt Ion: 98 Resp: 244812

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 160.849 ug/l

RT: 10.087 min Scan# 1356

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

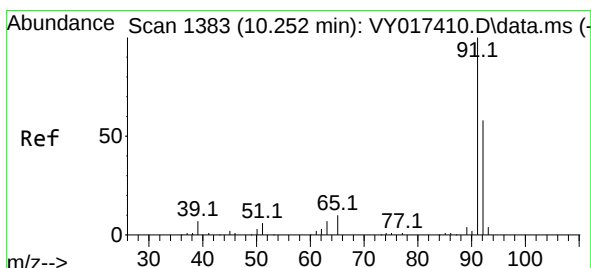
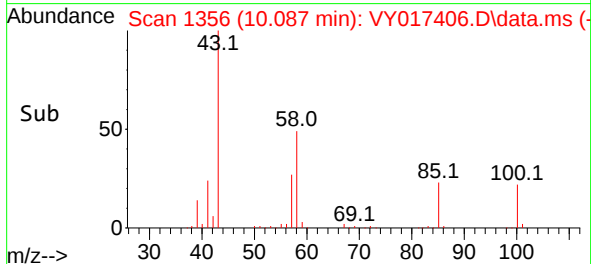
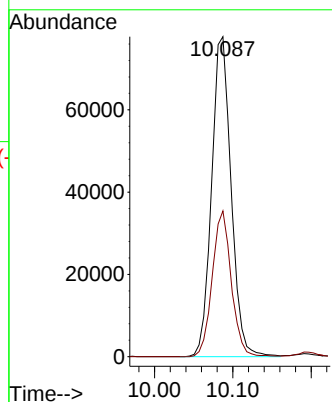
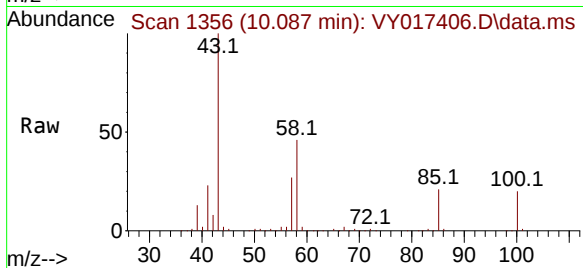
VSTDICCC050

Tgt Ion: 43 Resp: 134718

Ion Ratio Lower Upper

43 100

58 44.4 35.7 53.5



#52

Toluene

Concen: 42.499 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY017406.D

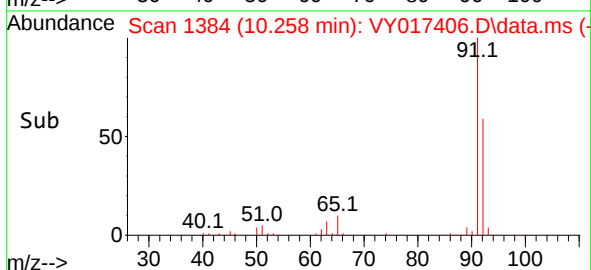
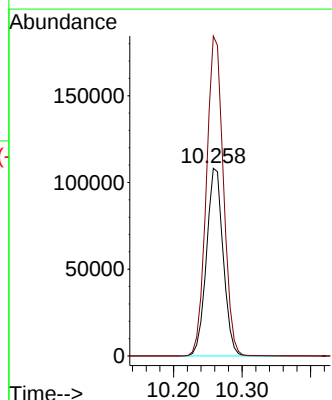
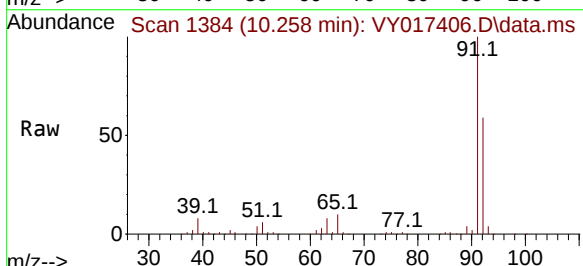
Acq: 19 Feb 2024 13:05

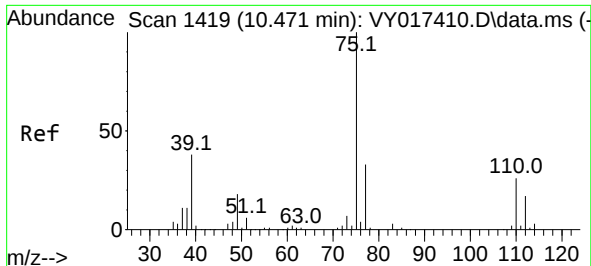
Tgt Ion: 92 Resp: 183112

Ion Ratio Lower Upper

92 100

91 173.6 139.0 208.6

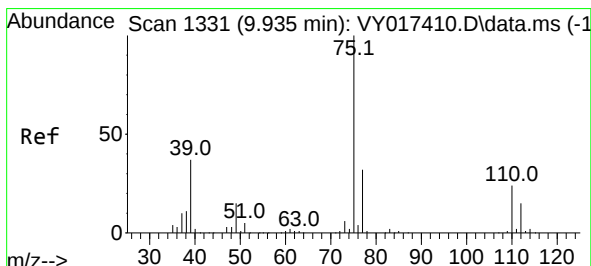
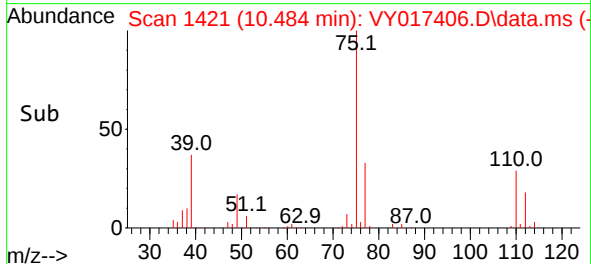
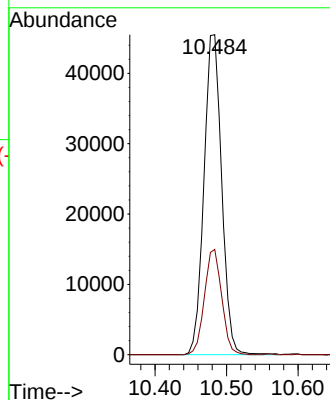
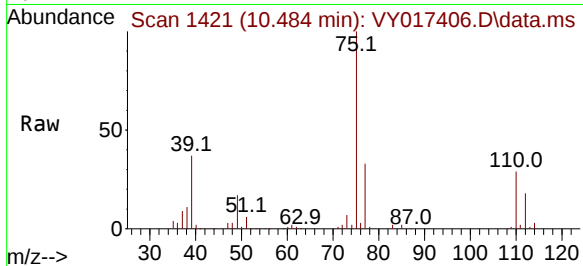




#53
 t-1,3-Dichloropropene
 Concen: 37.924 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.012 min
 Lab File: VY017406.D
 Acq: 19 Feb 2024 13:05

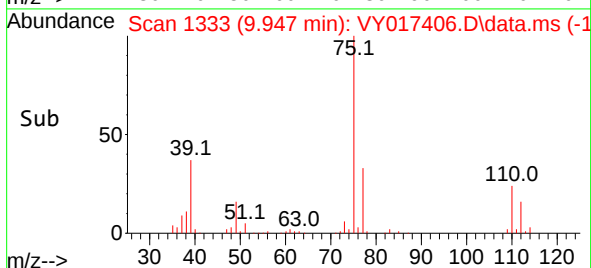
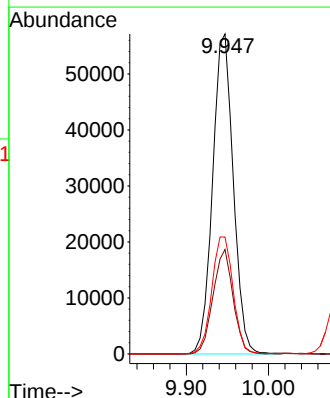
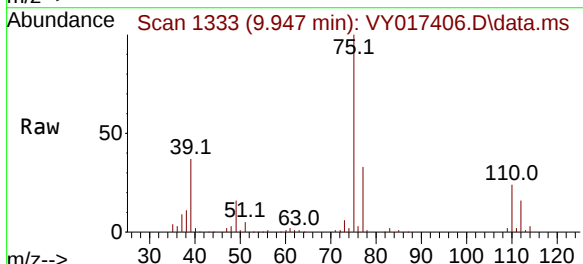
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

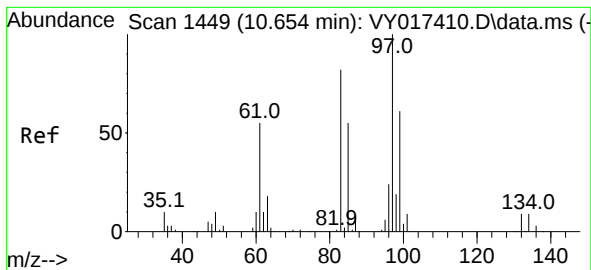
Tgt Ion: 75 Resp: 78291
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 39.445 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY017406.D
 Acq: 19 Feb 2024 13:05

Tgt Ion: 75 Resp: 99907
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0
 39 36.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 36.631 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 45703

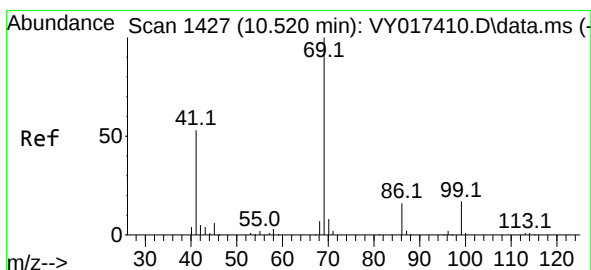
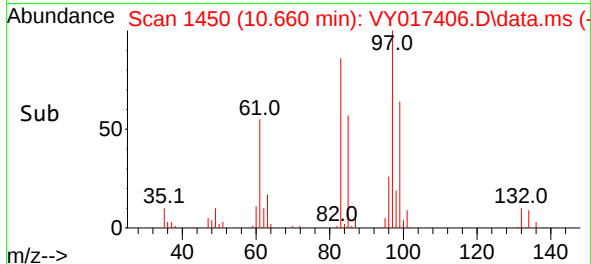
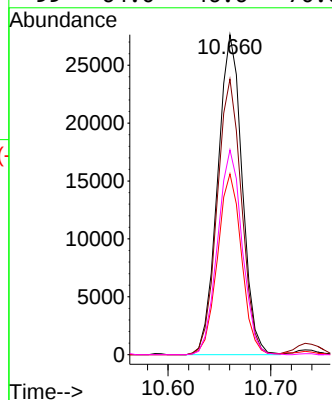
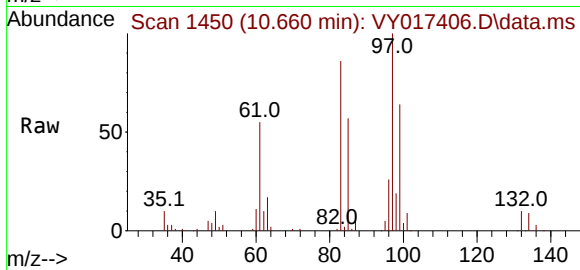
Ion Ratio Lower Upper

97 100

83 86.1 67.5 101.3

85 56.5 42.9 64.3

99 64.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 25.288 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

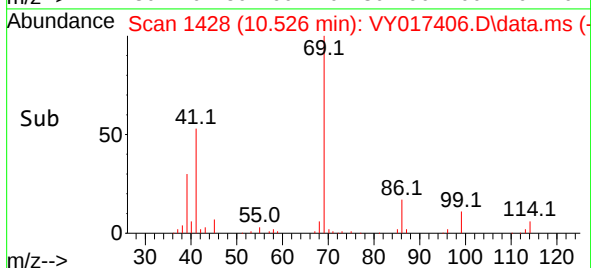
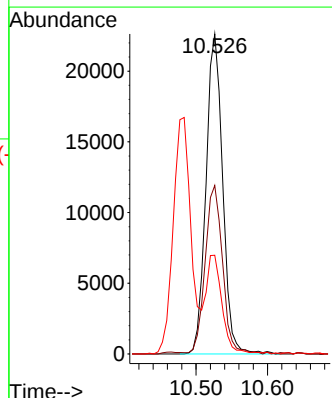
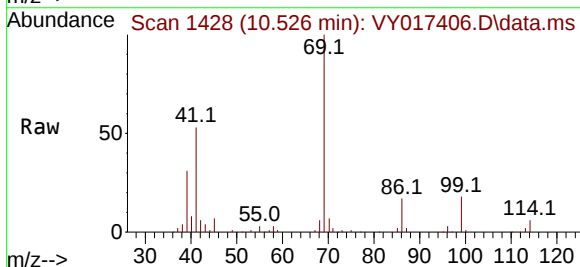
Tgt Ion: 69 Resp: 36695

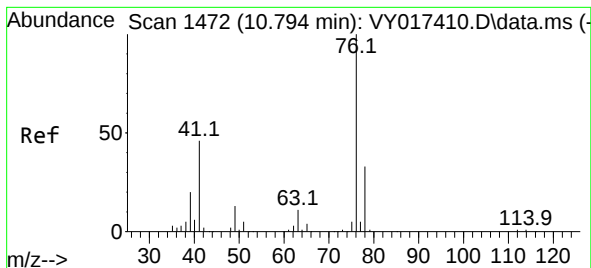
Ion Ratio Lower Upper

69 100

41 55.0 42.3 63.5

39 29.1 22.9 34.3





#57

1,3-Dichloropropane

Concen: 36.698 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

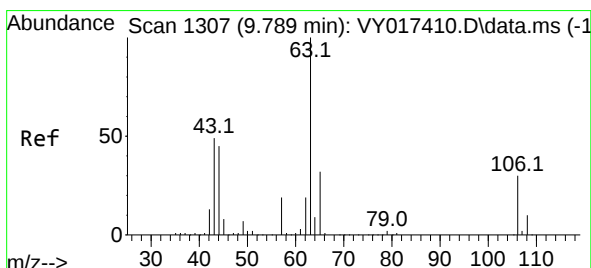
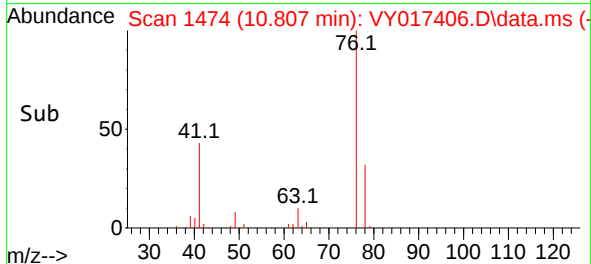
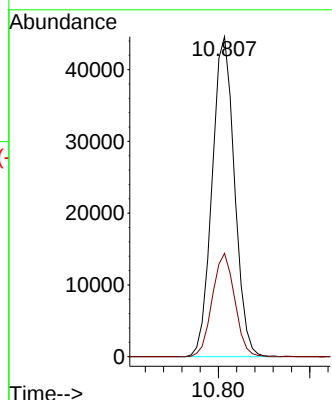
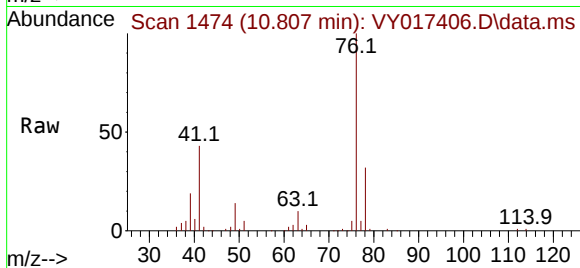
VSTDICCC050

Tgt Ion: 76 Resp: 75757

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 186.482 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017406.D

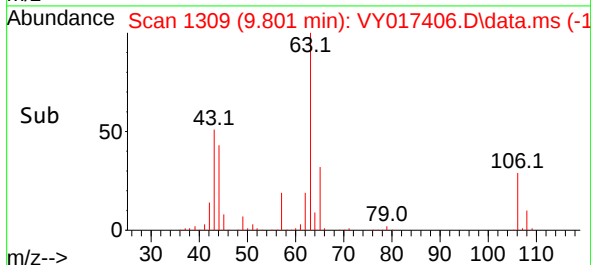
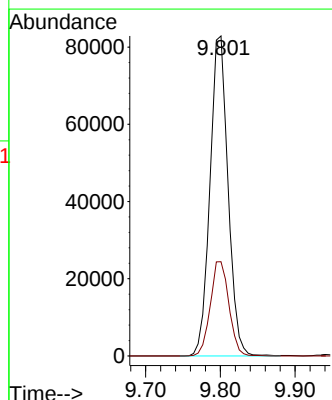
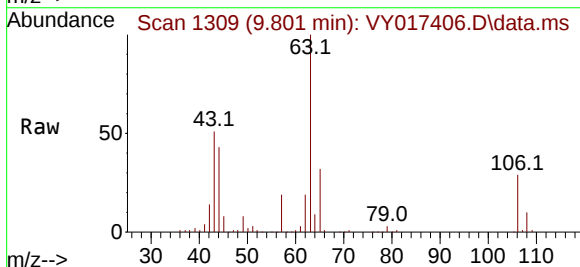
Acq: 19 Feb 2024 13:05

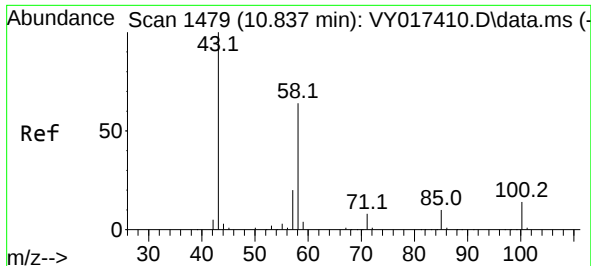
Tgt Ion: 63 Resp: 139019

Ion Ratio Lower Upper

63 100

106 30.4 23.7 35.5

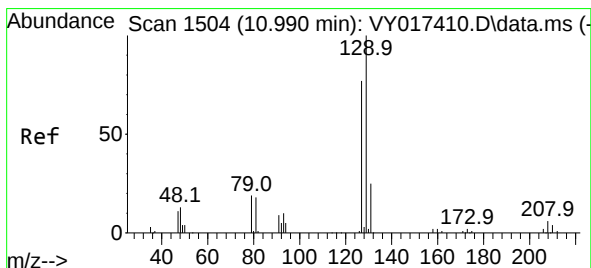
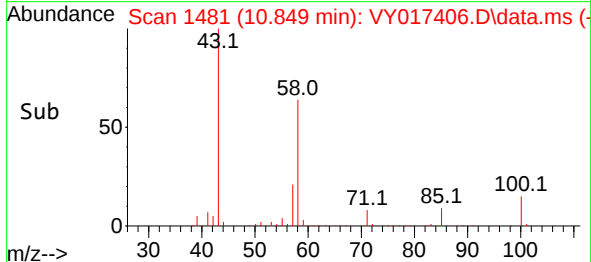
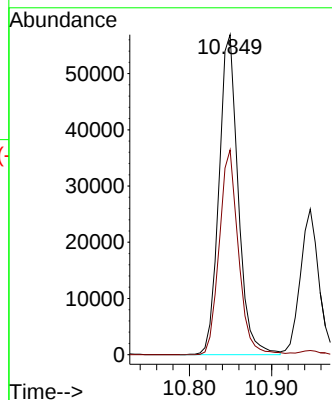
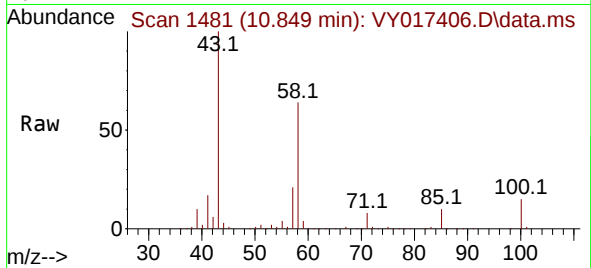




#59
2-Hexanone
Concen: 160.471 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

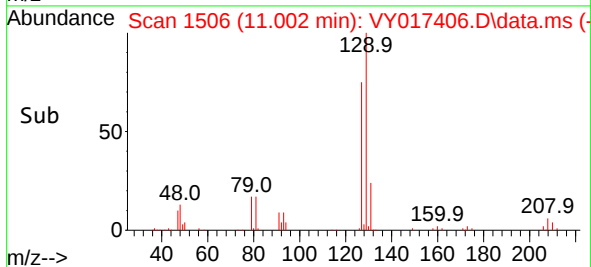
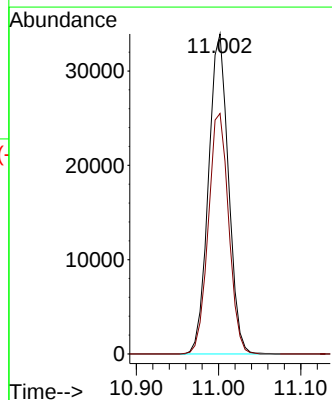
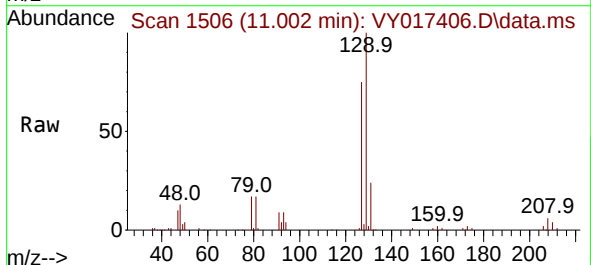
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

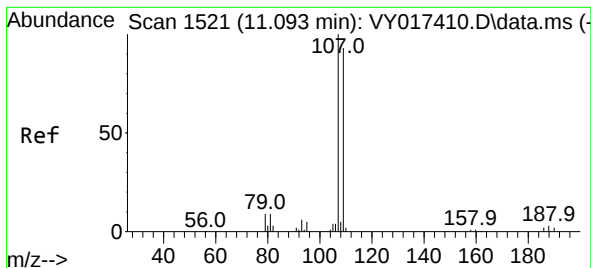
Tgt Ion: 43 Resp: 92574
Ion Ratio Lower Upper
43 100
58 63.6 31.4 94.0



#60
Dibromochloromethane
Concen: 38.578 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 129 Resp: 57217
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 35.675 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

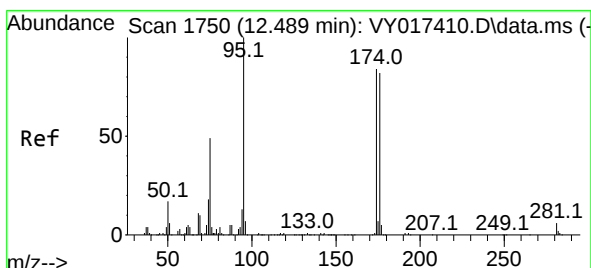
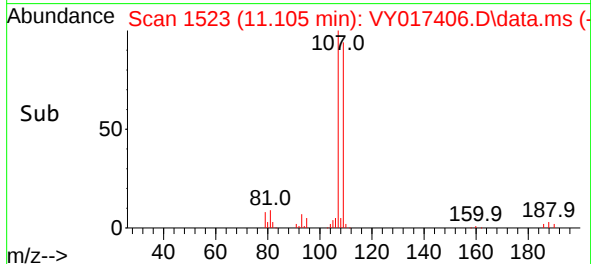
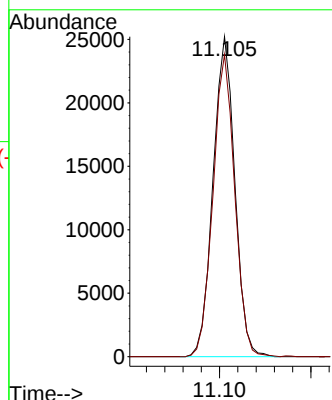
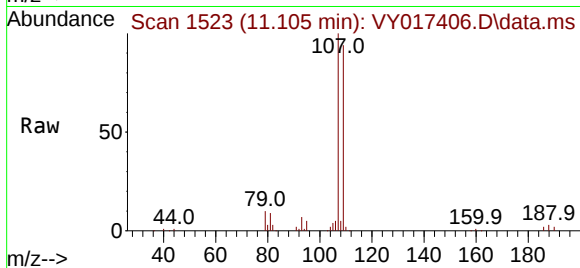
VSTDICCC050

Tgt Ion:107 Resp: 41642

Ion Ratio Lower Upper

107 100

109 94.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 38.737 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

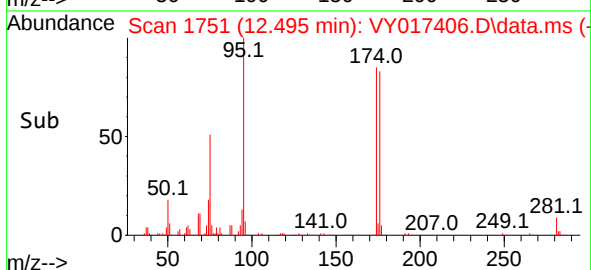
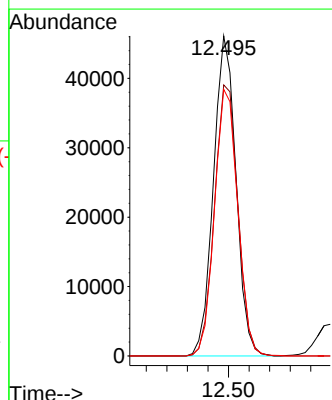
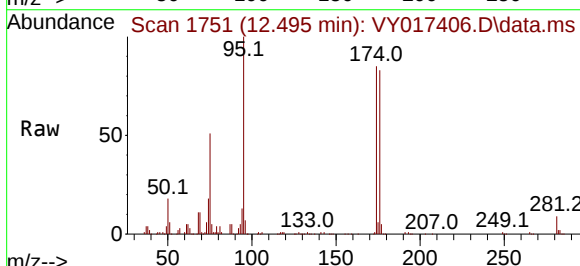
Tgt Ion: 95 Resp: 70132

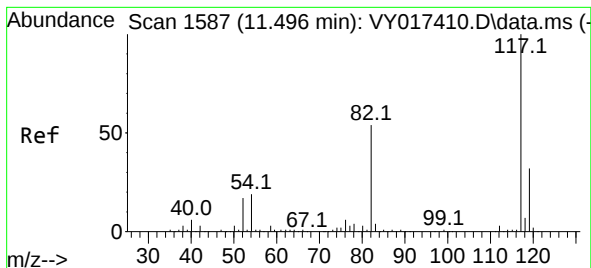
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 86.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

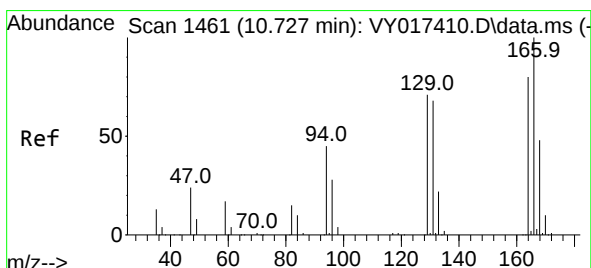
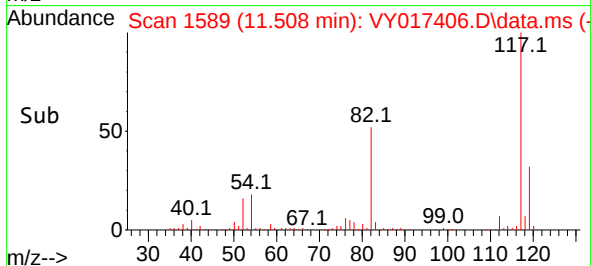
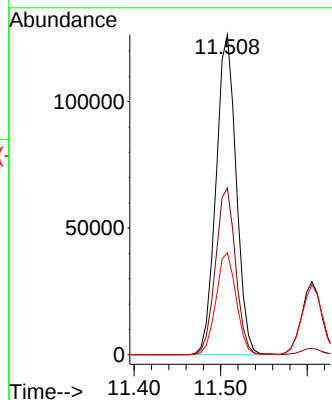
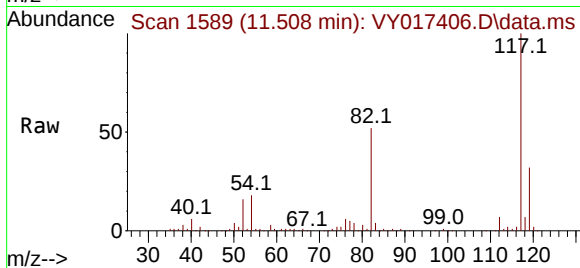
Tgt Ion:117 Resp: 204824

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 41.799 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Tgt Ion:164 Resp: 68517

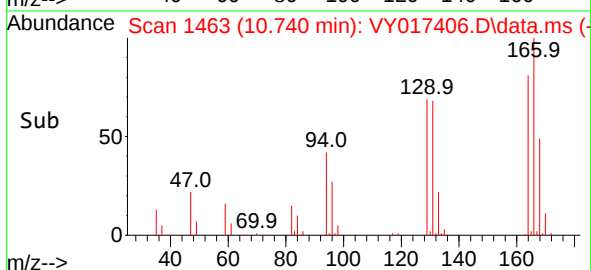
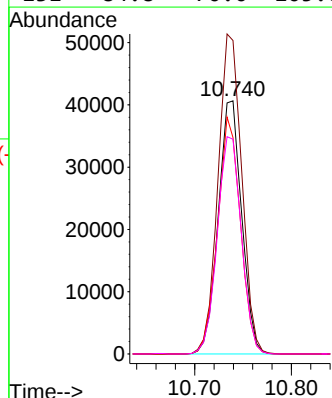
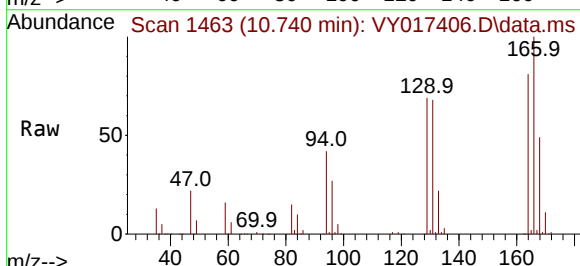
Ion Ratio Lower Upper

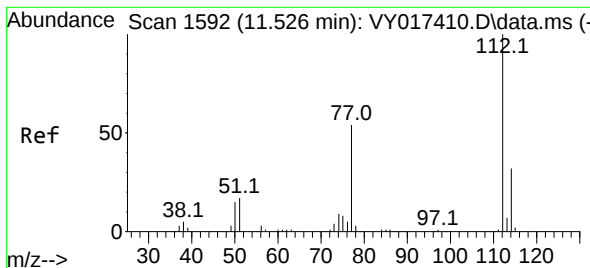
164 100

166 123.9 102.6 154.0

129 85.5 72.0 108.0

131 84.8 70.0 105.0

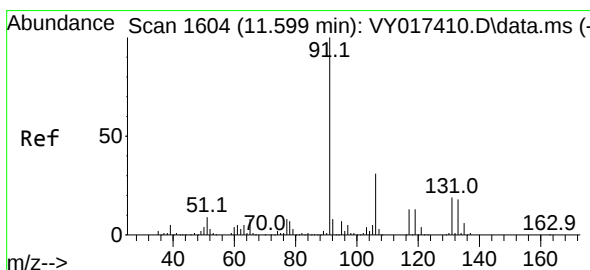
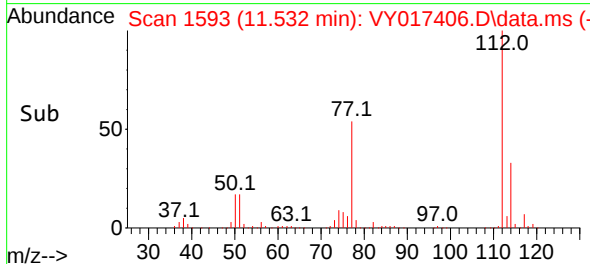
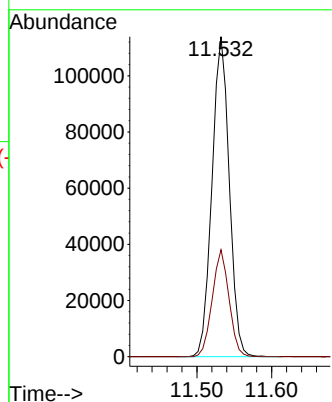
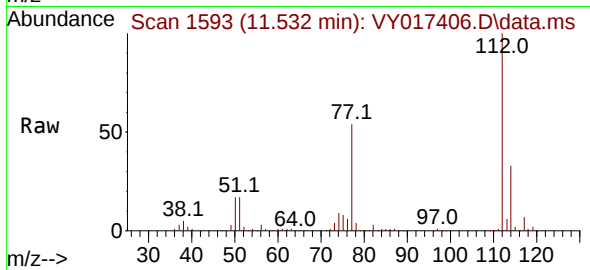




#65
Chlorobenzene
Concen: 41.421 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

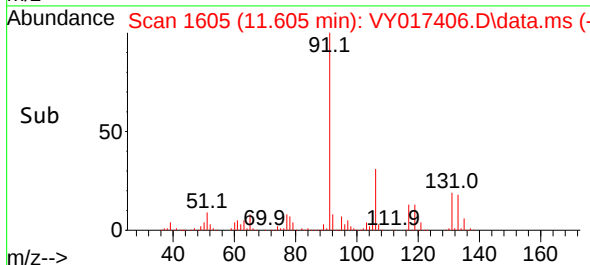
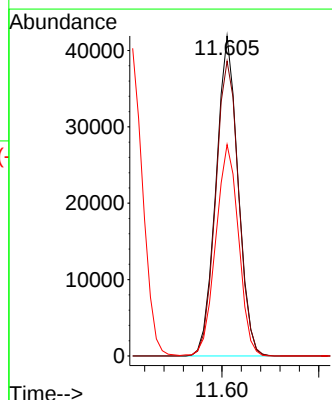
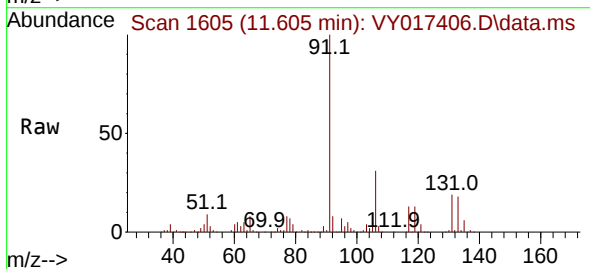
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

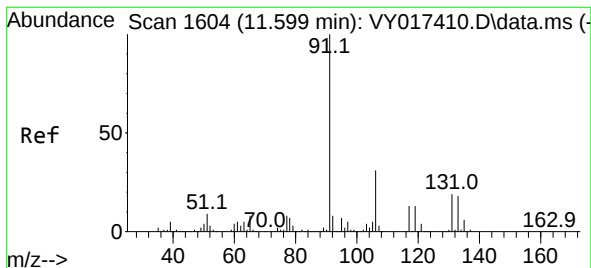
Tgt Ion:112 Resp: 182770
Ion Ratio Lower Upper
112 100
114 33.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 40.353 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion:131 Resp: 66307
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 68.1 34.1 102.2





#67

Ethyl Benzene

Concen: 43.760 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

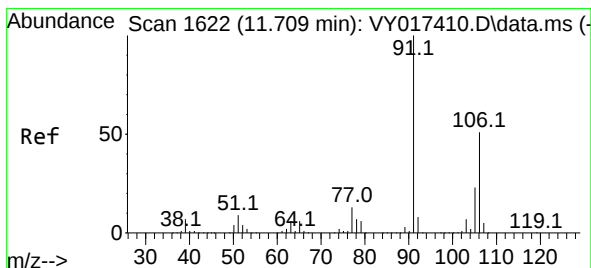
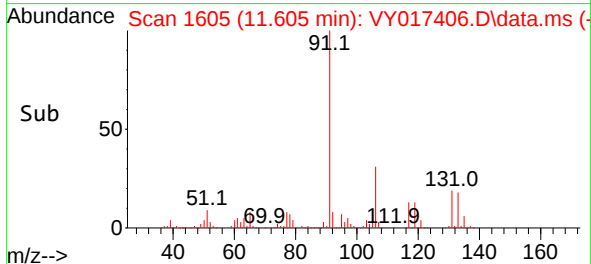
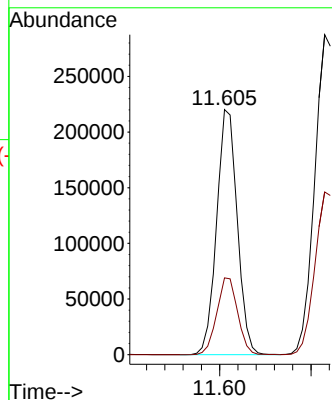
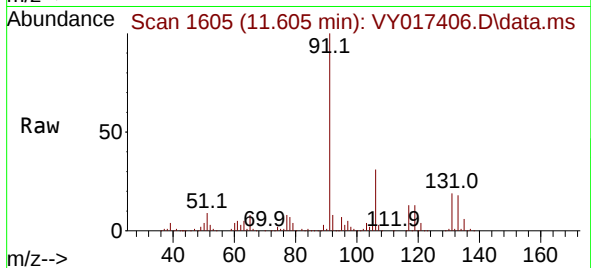
VSTDICCC050

Tgt Ion: 91 Resp: 345348

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 85.460 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017406.D

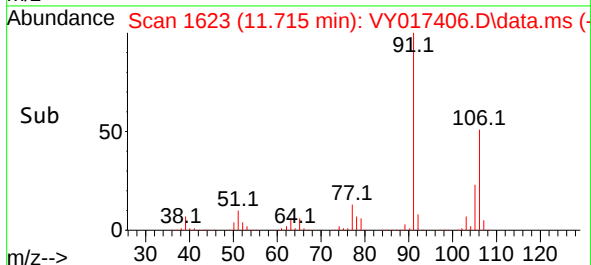
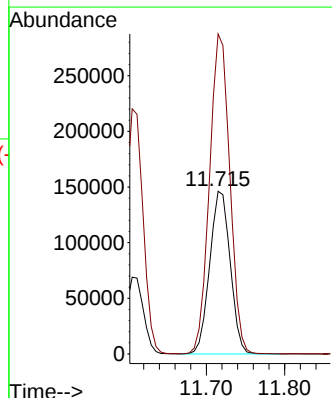
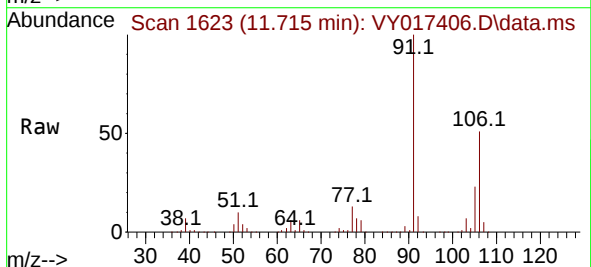
Acq: 19 Feb 2024 13:05

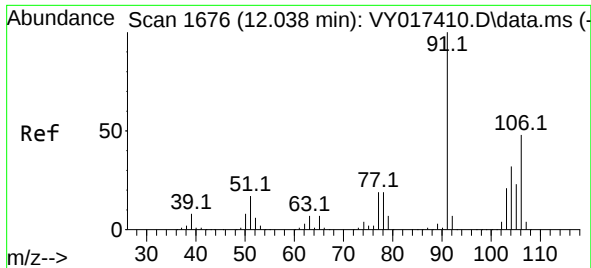
Tgt Ion:106 Resp: 265126

Ion Ratio Lower Upper

106 100

91 195.3 156.0 234.0

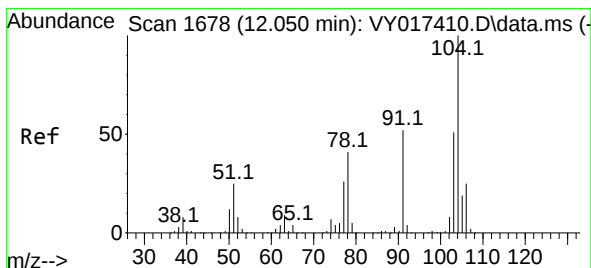
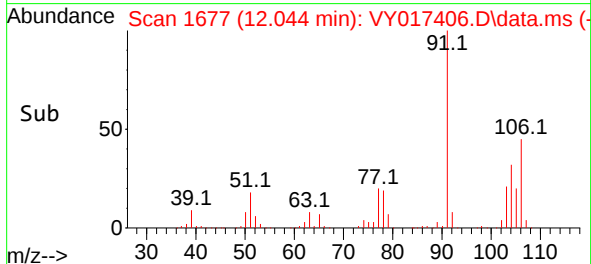
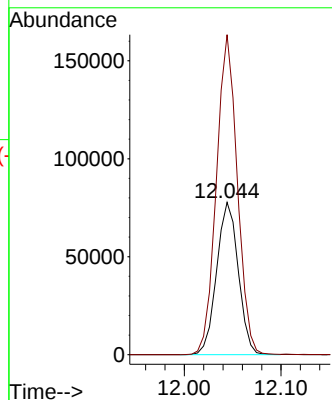
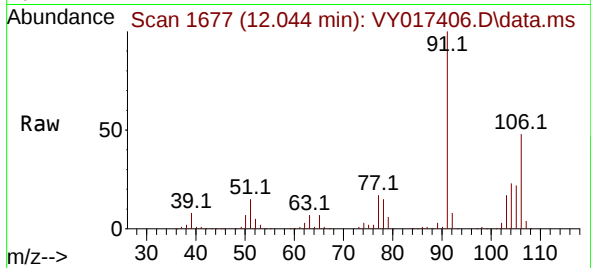




#69
o-Xylene
Concen: 42.306 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

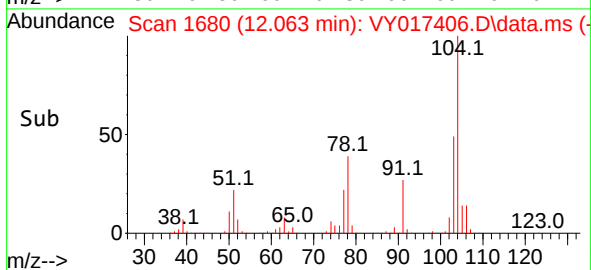
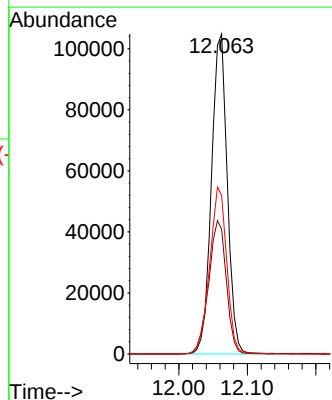
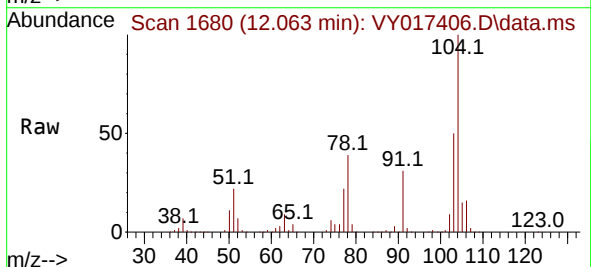
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

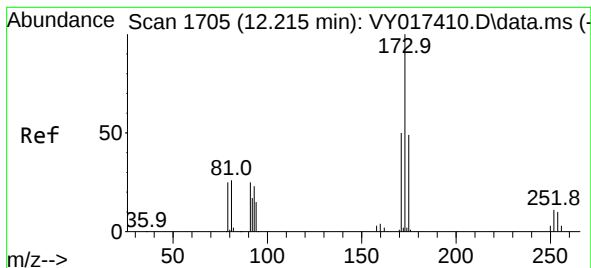
Tgt Ion:106 Resp: 120408
Ion Ratio Lower Upper
106 100
91 203.9 103.6 310.8



#70
Styrene
Concen: 36.106 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion:104 Resp: 168781
Ion Ratio Lower Upper
104 100
78 46.5 37.0 55.4
103 56.4 44.2 66.2





#71

Bromoform

Concen: 36.064 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

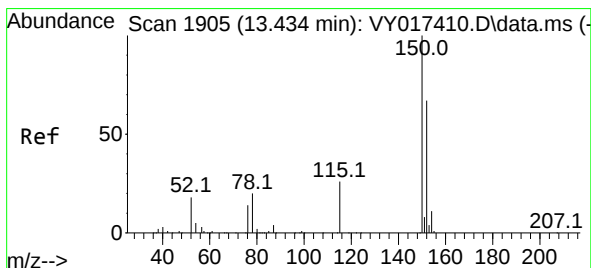
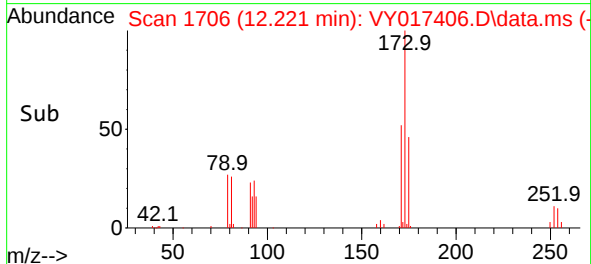
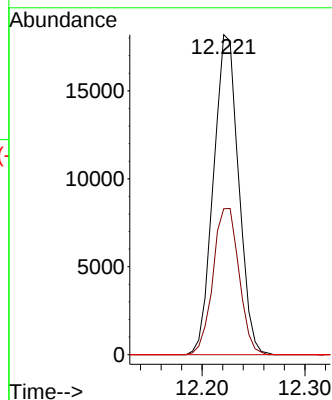
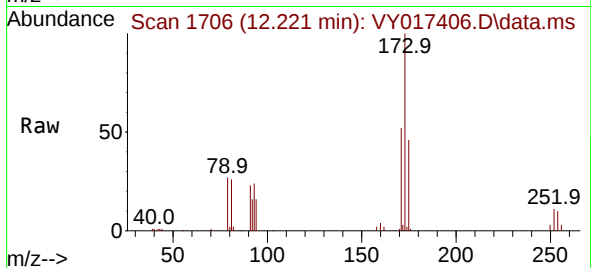
Tgt Ion:173 Resp: 30832

Ion Ratio Lower Upper

173 100

175 47.4 25.1 75.3

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: VY017406.D

Acq: 19 Feb 2024 13:05

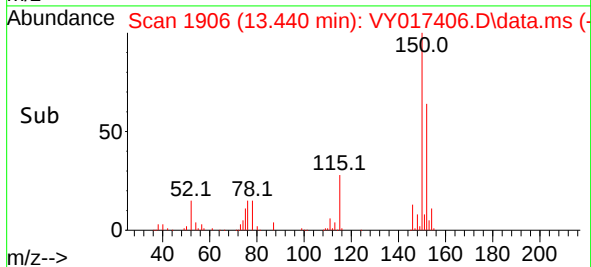
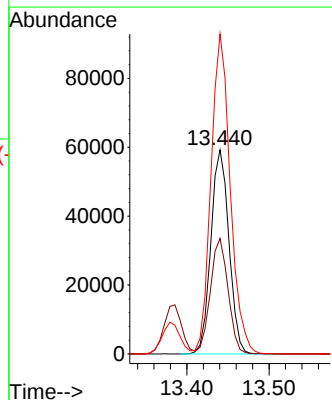
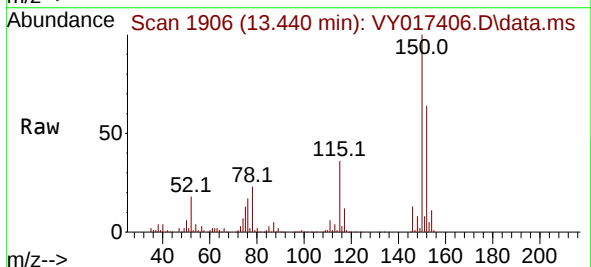
Tgt Ion:152 Resp: 90509

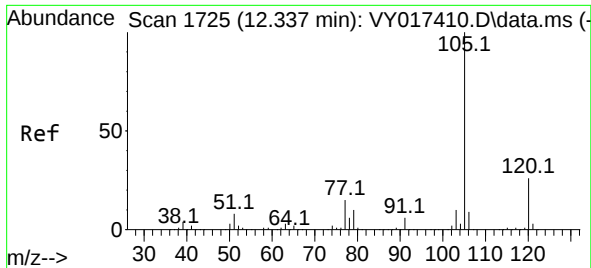
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 167.3 0.0 345.6

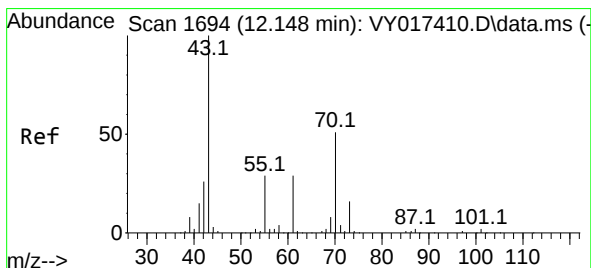
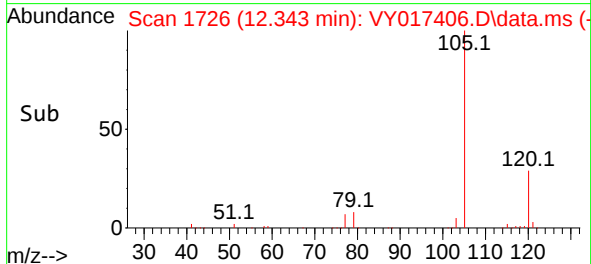
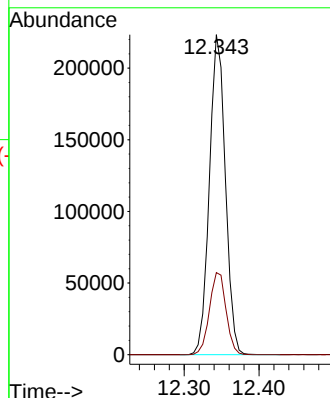
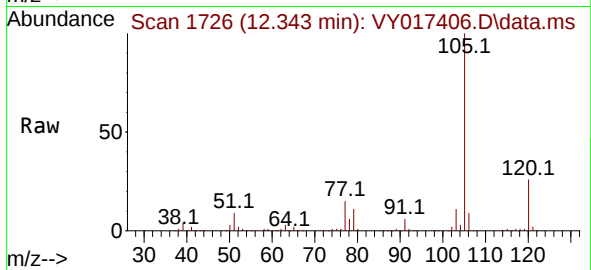




#73
Isopropylbenzene
Concen: 47.435 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

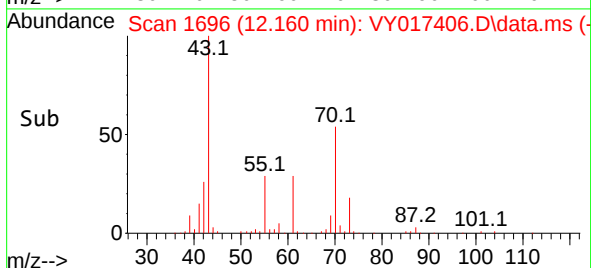
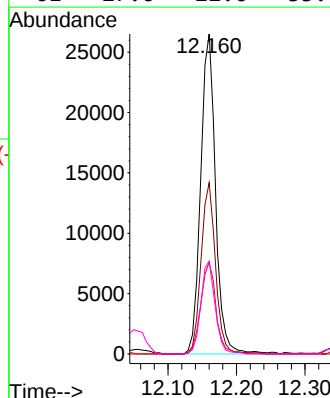
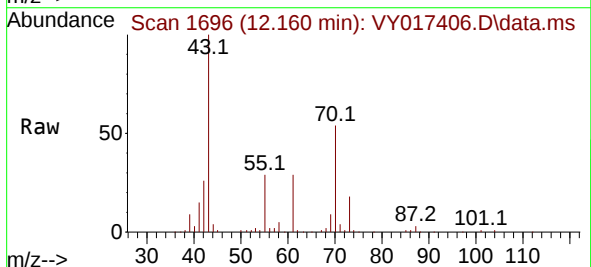
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

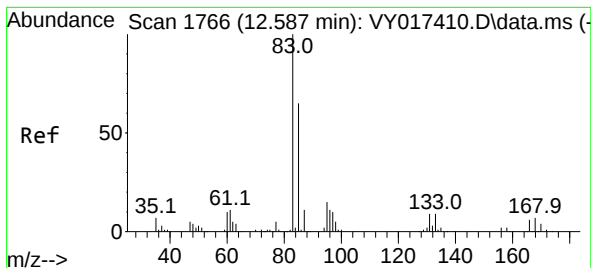
Tgt Ion:105 Resp: 331627
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 32.924 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.012 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 43 Resp: 40079
Ion Ratio Lower Upper
43 100
70 52.2 41.4 62.2
55 29.5 23.3 34.9
61 27.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 37.342 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

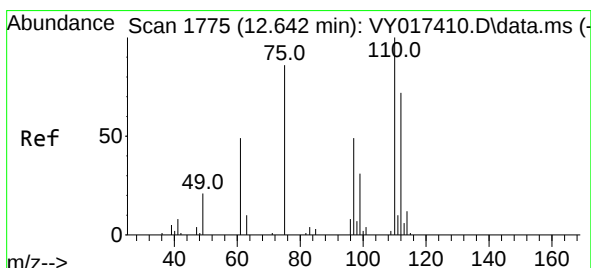
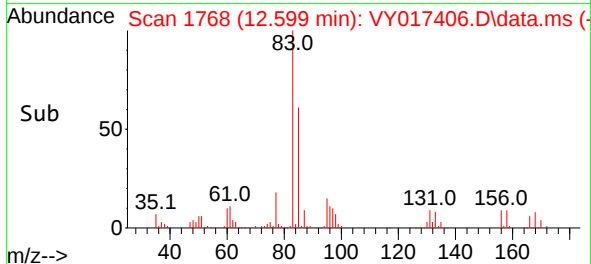
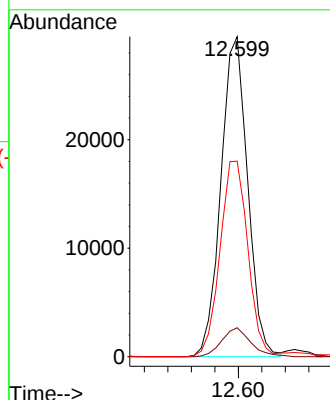
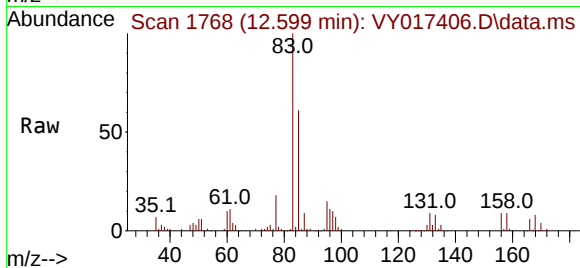
Tgt Ion: 83 Resp: 46659

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 64.604 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017406.D

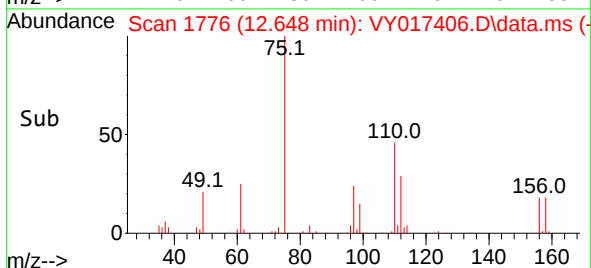
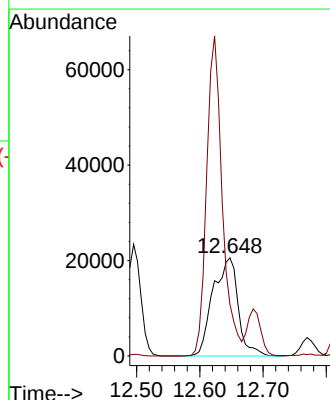
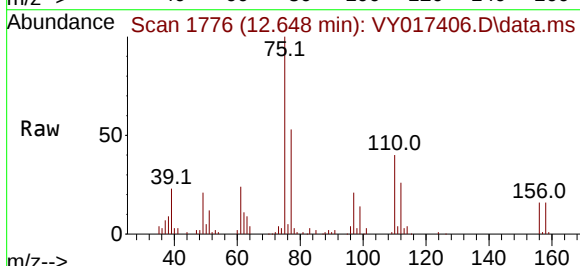
Acq: 19 Feb 2024 13:05

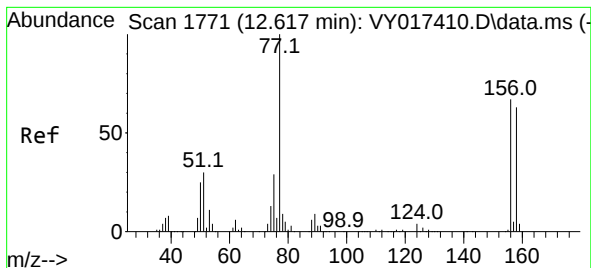
Tgt Ion: 75 Resp: 56694

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 41.500 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

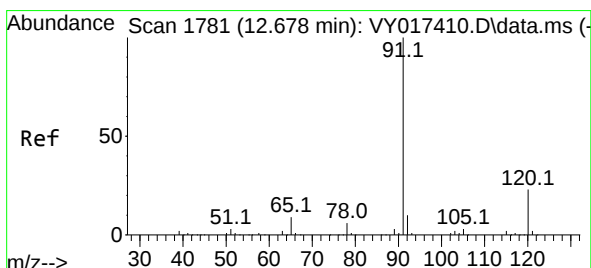
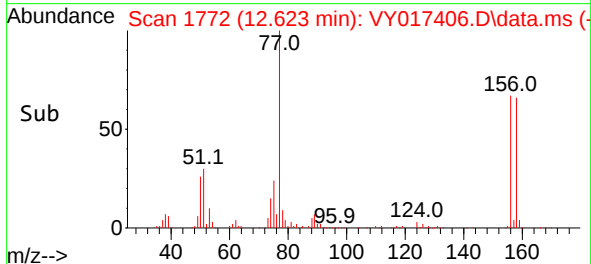
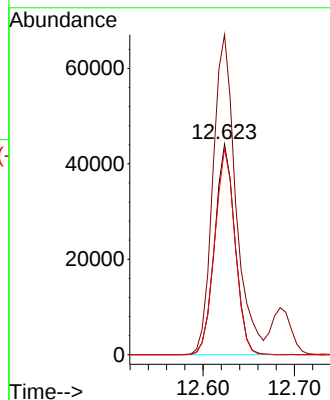
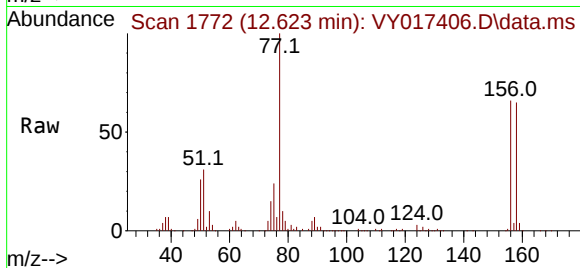
Tgt Ion:156 Resp: 68046

Ion Ratio Lower Upper

156 100

77 171.4 87.1 261.3

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 46.548 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017406.D

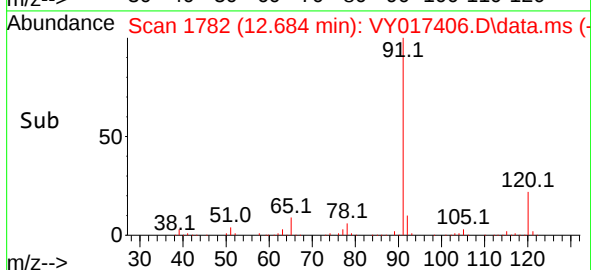
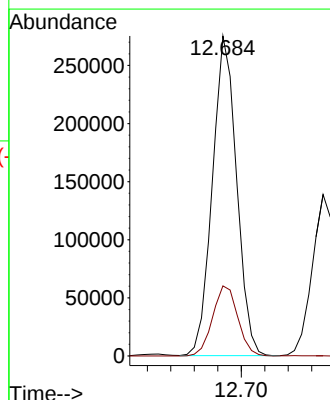
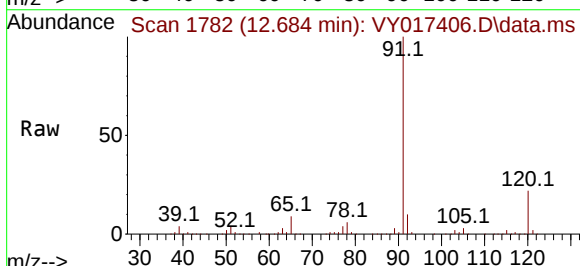
Acq: 19 Feb 2024 13:05

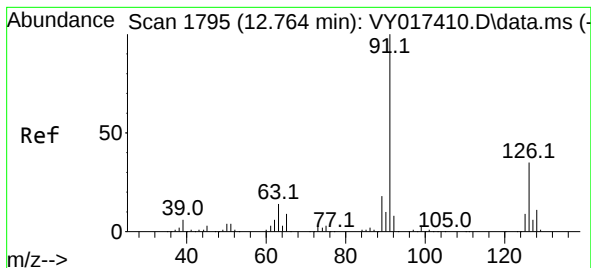
Tgt Ion: 91 Resp: 393624

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 44.428 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

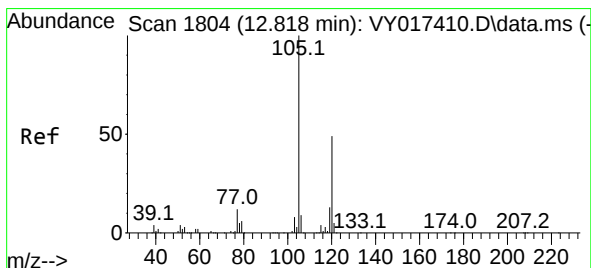
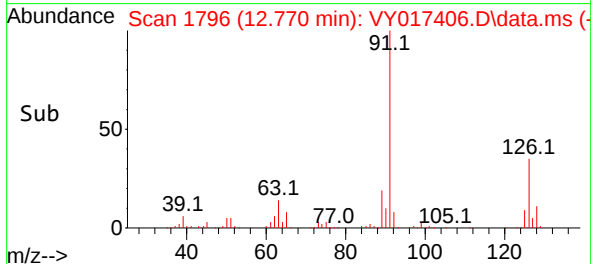
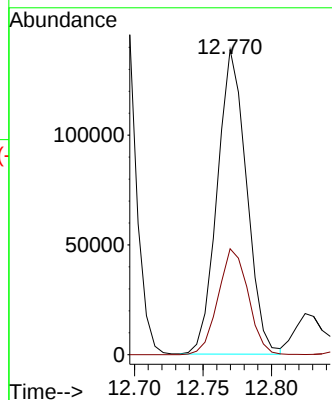
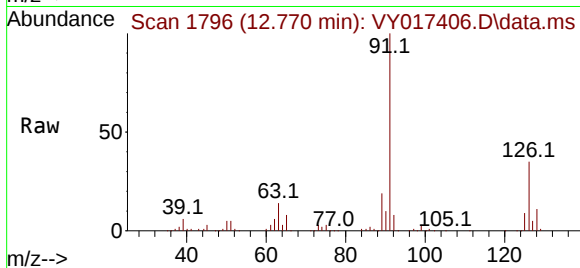
VSTDICCC050

Tgt Ion: 91 Resp: 206867

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 45.990 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017406.D

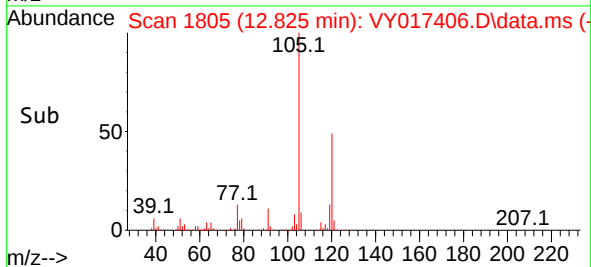
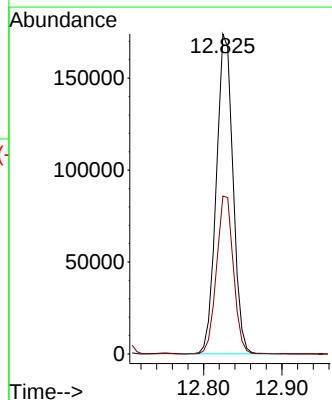
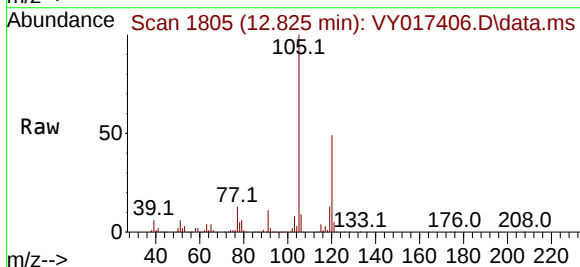
Acq: 19 Feb 2024 13:05

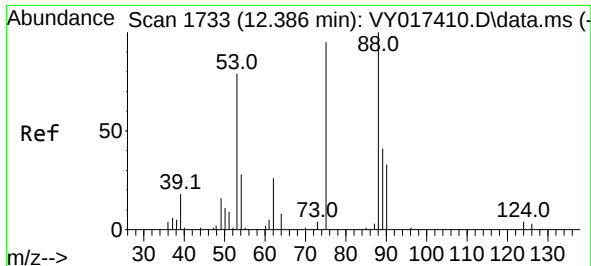
Tgt Ion:105 Resp: 257178

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

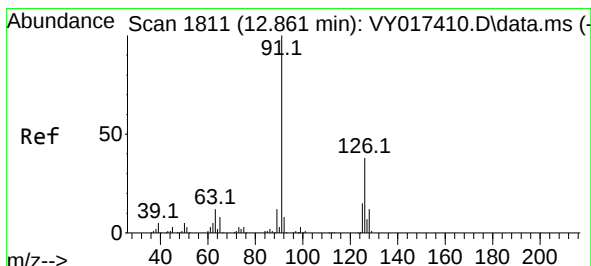
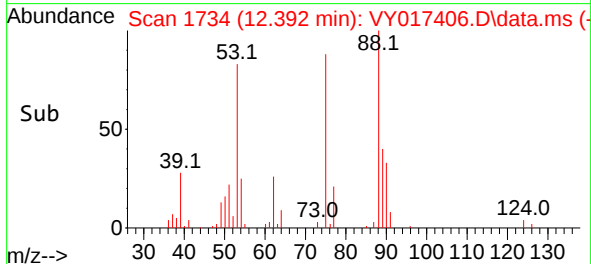
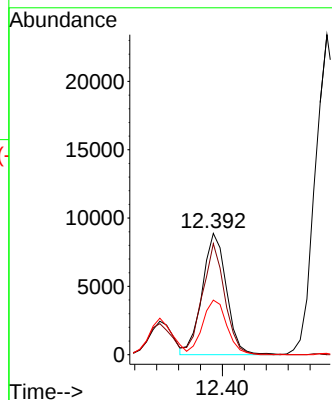
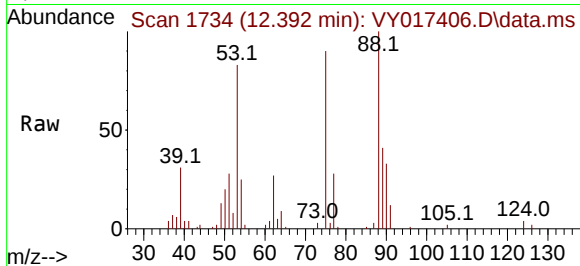




#81
trans-1,4-Dichloro-2-butene
Concen: 36.178 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

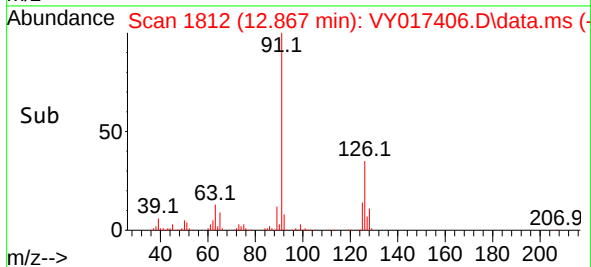
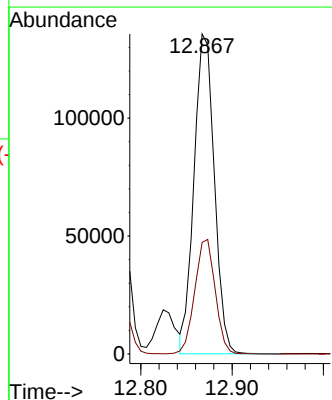
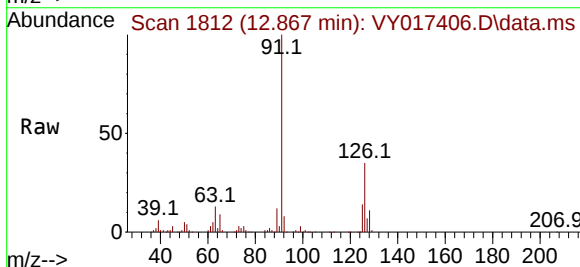
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

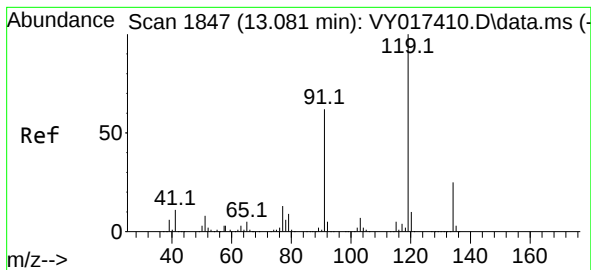
Tgt Ion: 75 Resp: 13617
Ion Ratio Lower Upper
75 100
53 85.4 66.8 100.2
89 45.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 43.607 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 91 Resp: 209529
Ion Ratio Lower Upper
91 100
126 36.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 48.392 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

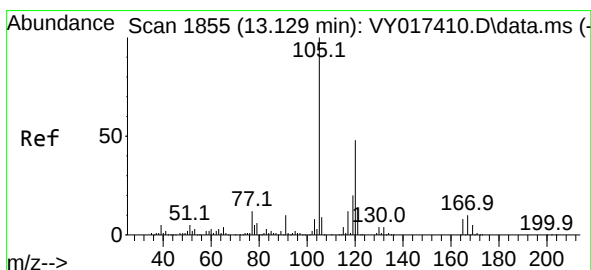
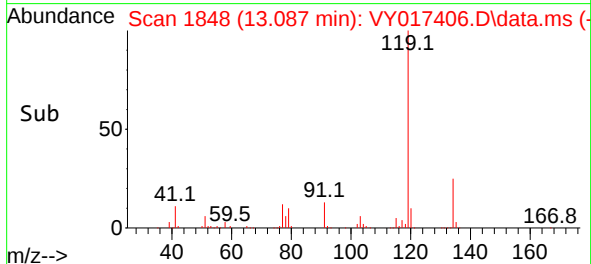
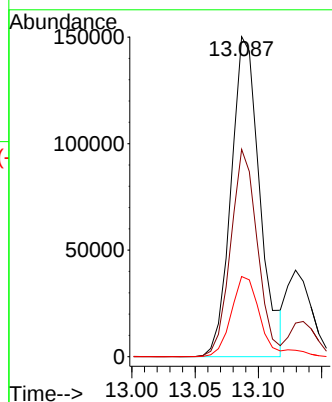
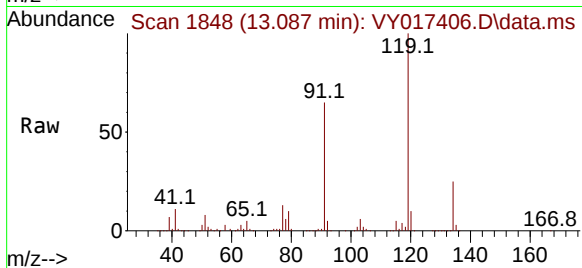
Tgt Ion:119 Resp: 236300

Ion Ratio Lower Upper

119 100

91 60.6 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 45.518 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY017406.D

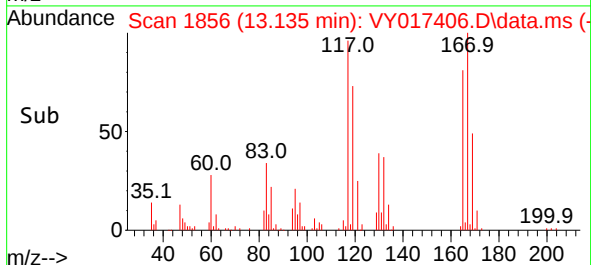
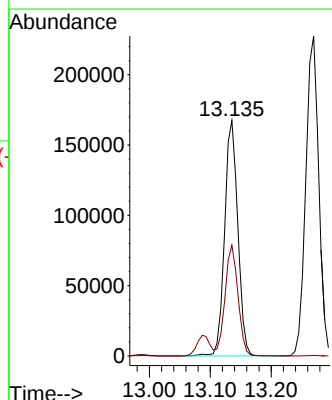
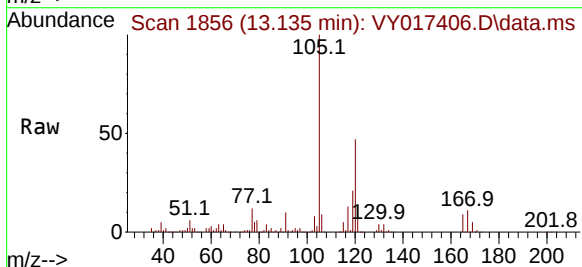
Acq: 19 Feb 2024 13:05

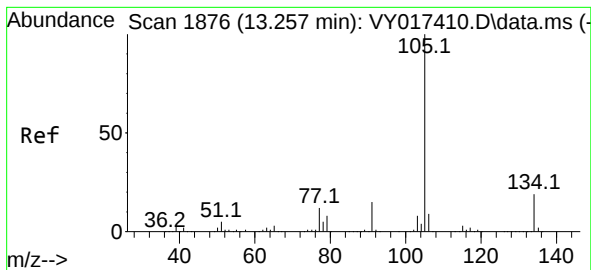
Tgt Ion:105 Resp: 252165

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 44.792 ug/l

RT: 13.270 min Scan# 1876

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

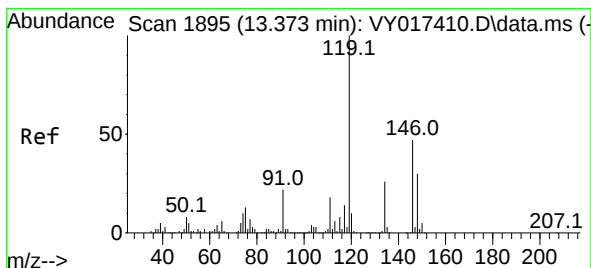
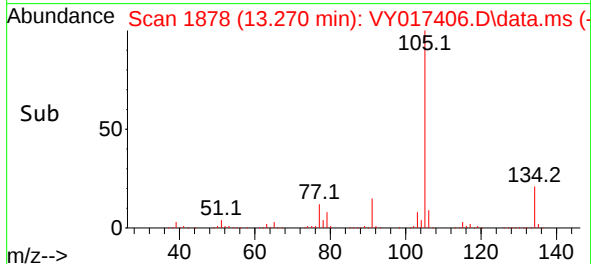
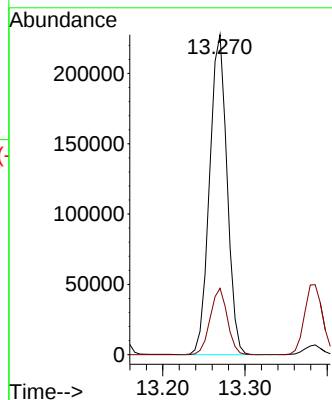
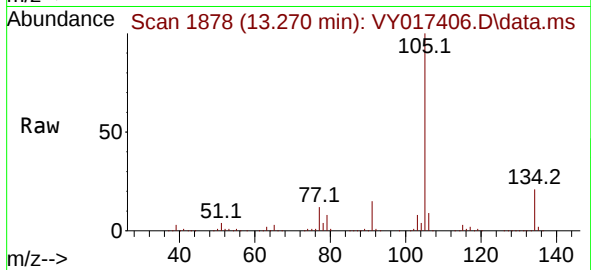
VSTDICCC050

Tgt Ion:105 Resp: 335940

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 45.931 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

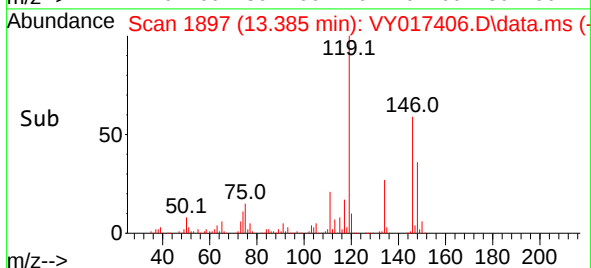
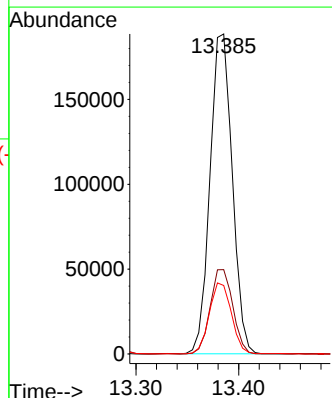
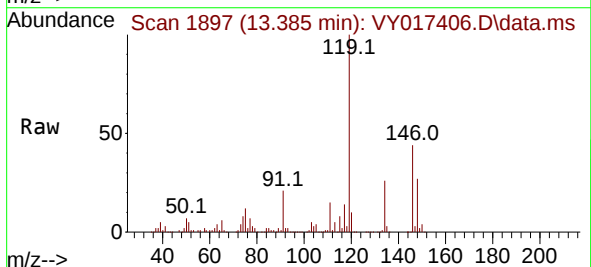
Tgt Ion:119 Resp: 283734

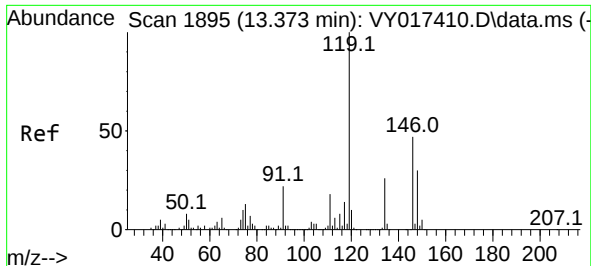
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.1 10.7 32.1

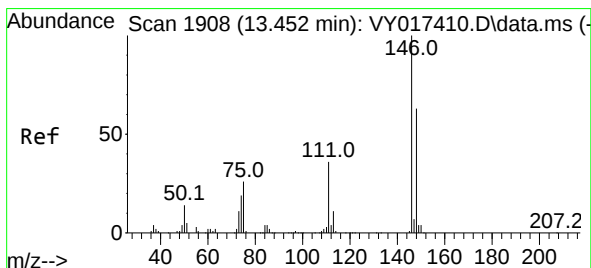
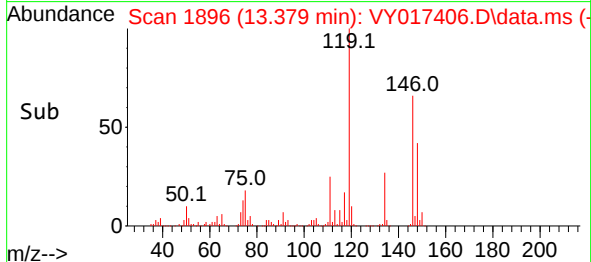
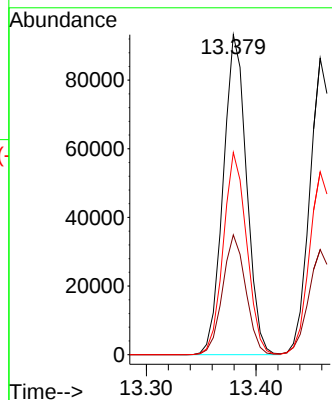
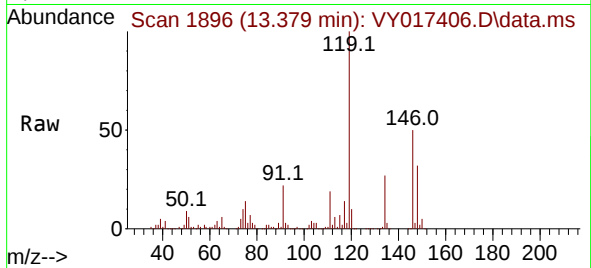




#87
1,3-Dichlorobenzene
Concen: 41.687 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

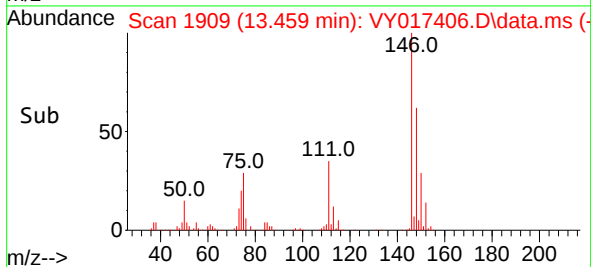
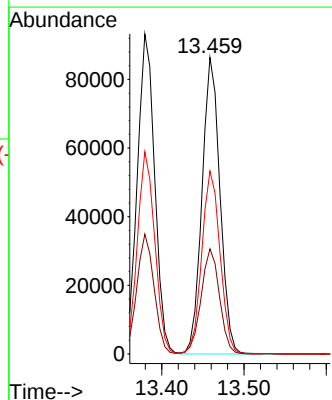
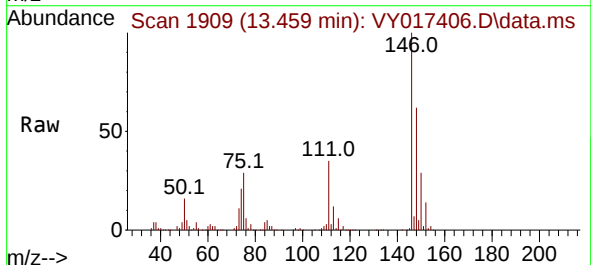
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

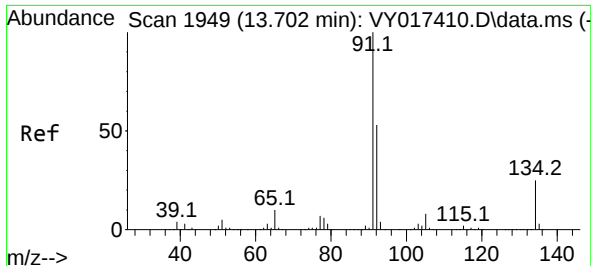
Tgt Ion:146 Resp: 138039
Ion Ratio Lower Upper
146 100
111 37.1 19.0 57.0
148 63.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 40.997 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion:146 Resp: 131077
Ion Ratio Lower Upper
146 100
111 36.3 18.4 55.4
148 62.6 32.4 97.2





#89

n-Butylbenzene

Concen: 46.837 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

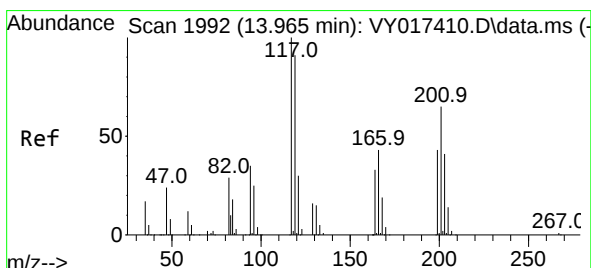
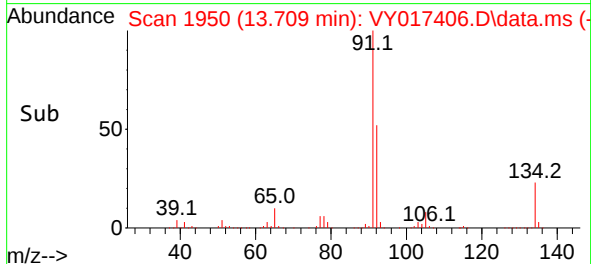
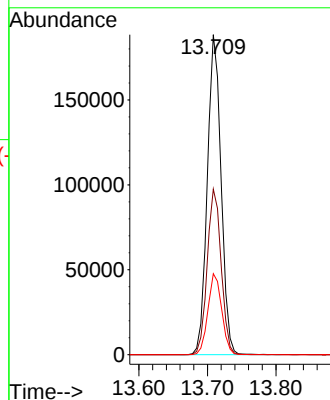
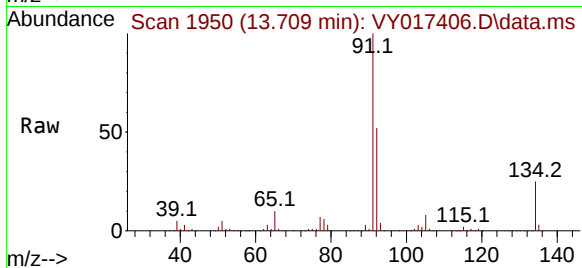
Tgt Ion: 91 Resp: 263142

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 45.101 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017406.D

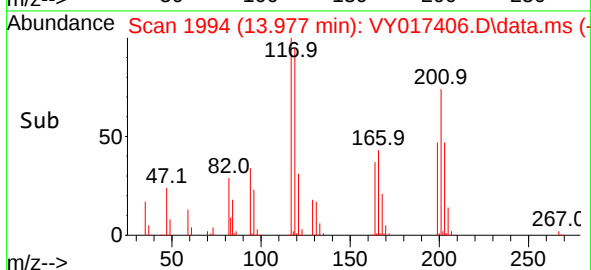
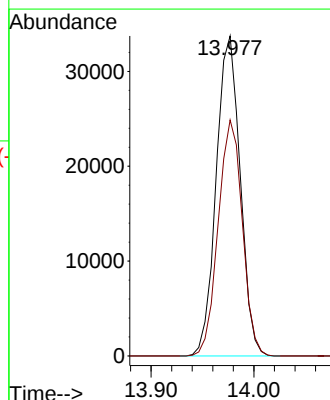
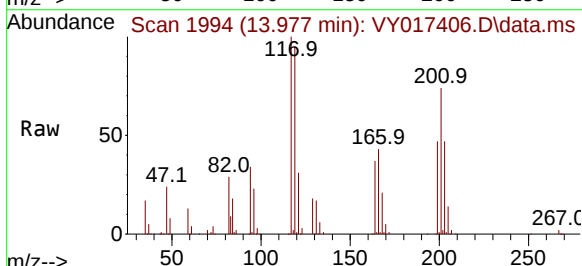
Acq: 19 Feb 2024 13:05

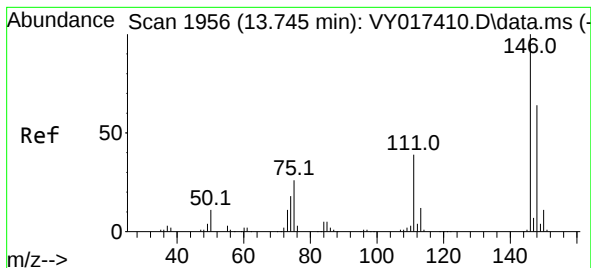
Tgt Ion: 117 Resp: 54591

Ion Ratio Lower Upper

117 100

201 74.2 37.4 112.2

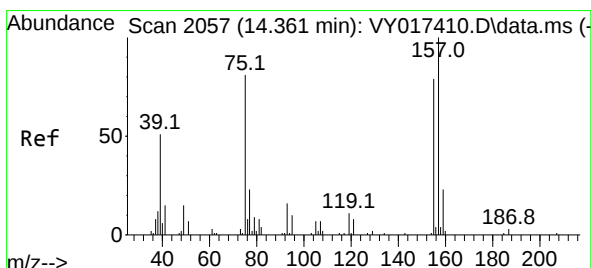
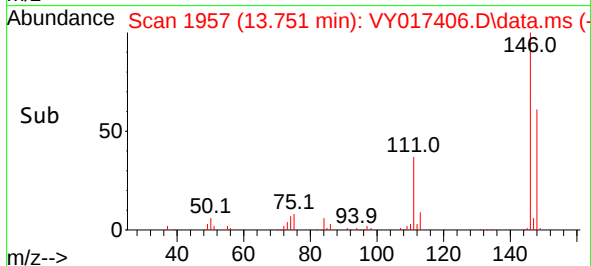
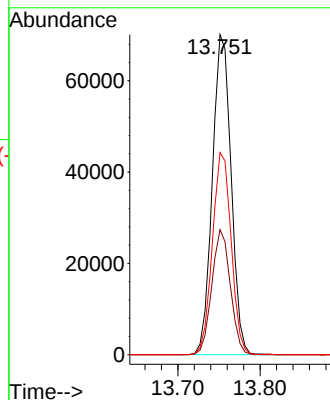
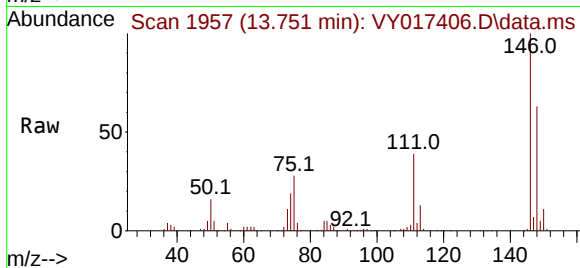




#91
1,2-Dichlorobenzene
Concen: 39.744 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

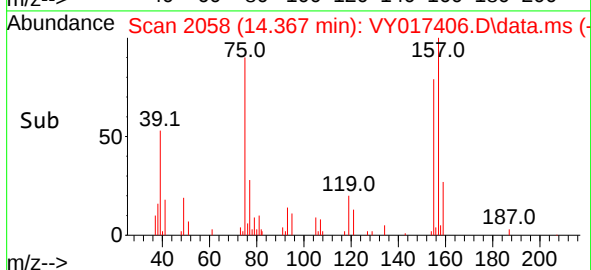
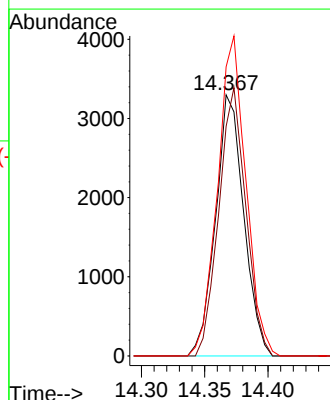
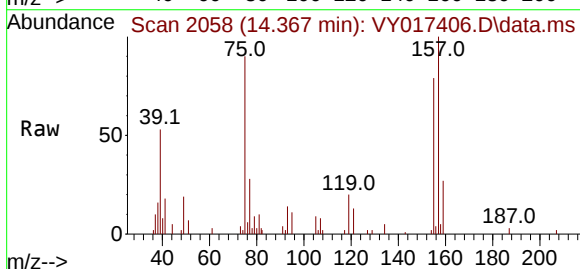
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

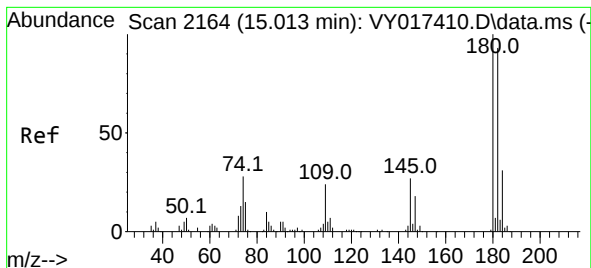
Tgt Ion:146 Resp: 110775
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 32.342 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion: 75 Resp: 5108
Ion Ratio Lower Upper
75 100
155 98.6 48.6 145.8
157 123.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 37.653 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

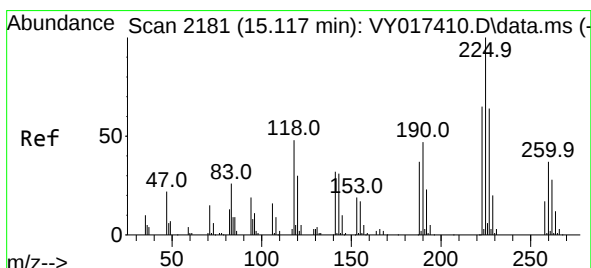
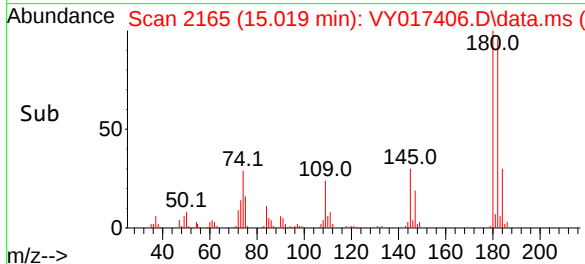
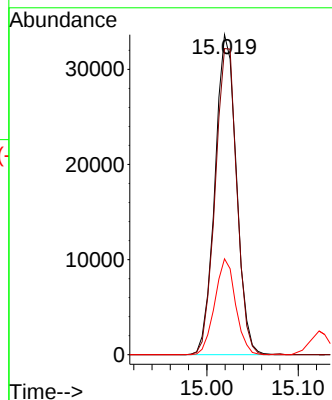
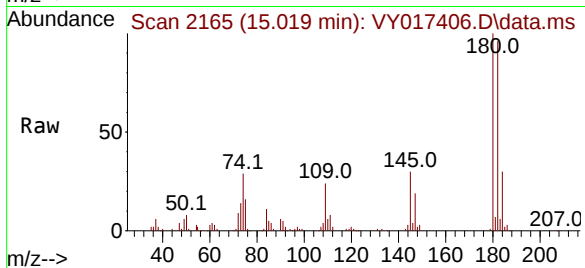
Tgt Ion:180 Resp: 54873

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 42.580 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017406.D

Acq: 19 Feb 2024 13:05

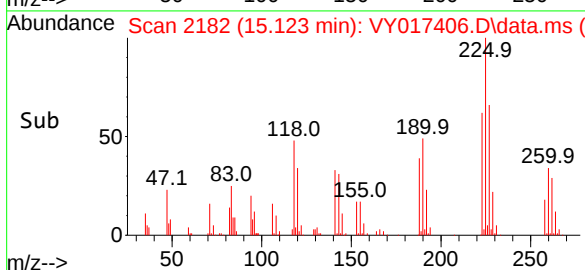
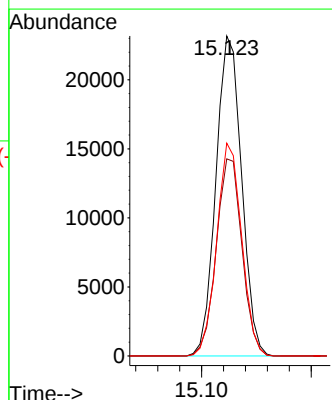
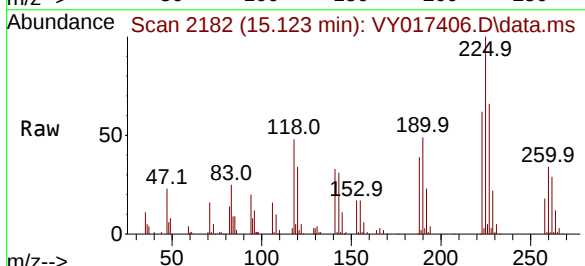
Tgt Ion:225 Resp: 37741

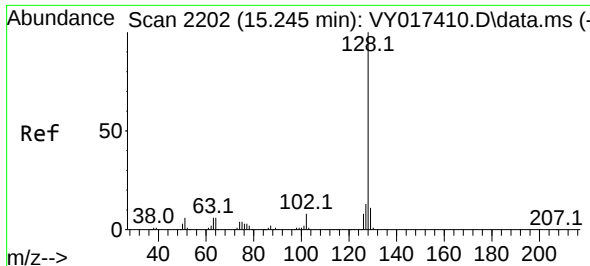
Ion Ratio Lower Upper

225 100

223 61.7 30.4 91.2

227 64.5 31.9 95.9

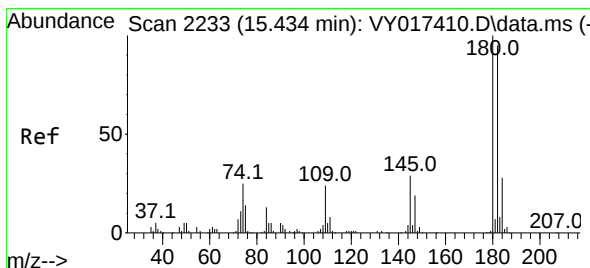
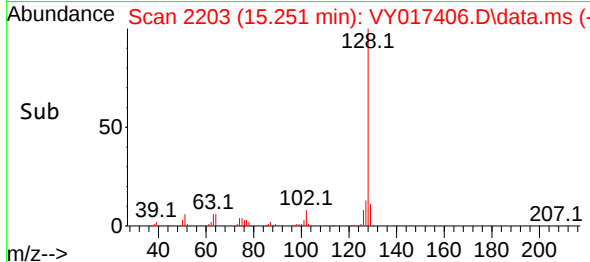
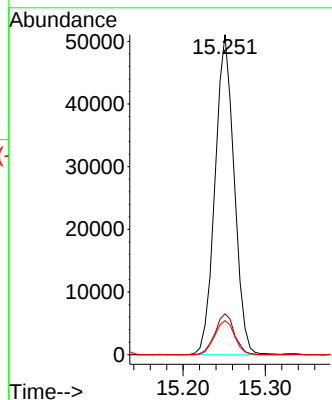
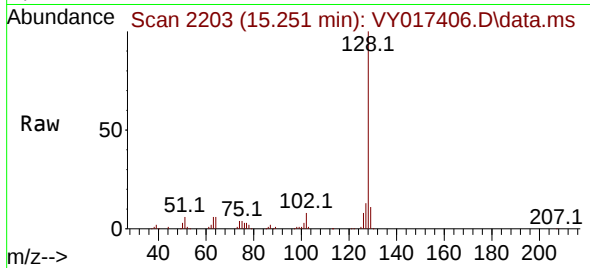




#95
Naphthalene
Concen: 31.801 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 82326
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 35.886 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY017406.D
Acq: 19 Feb 2024 13:05

Tgt Ion:180 Resp: 43968
Ion Ratio Lower Upper
180 100
182 97.7 47.6 142.9
145 31.1 15.4 46.1

