

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021023.D
 Acq On : 03 Feb 2025 11:43
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 03 12:39:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 12:36:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	185055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	285755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	250150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	121069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93084	59.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.160%	
35) Dibromofluoromethane	7.640	113	89515	52.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.220%	
50) Toluene-d8	10.109	98	343592	51.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.414	95	115197	51.200	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	82341	52.329	ug/l	100
3) Chloromethane	2.074	50	77828	77.798	ug/l	98
4) Vinyl Chloride	2.208	62	78456	76.063	ug/l	100
5) Bromomethane	2.605	94	47661	68.257	ug/l	99
6) Chloroethane	2.739	64	47159	78.268	ug/l	99
7) Trichlorofluoromethane	3.068	101	146090	58.690	ug/l	98
8) Diethyl Ether	3.464	74	44796	60.281	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.824	101	91456	54.564	ug/l	95
10) Methyl Iodide	4.013	142	108576	56.607	ug/l	99
11) Tert butyl alcohol	4.872	59	29518	256.470	ug/l	100
12) 1,1-Dichloroethene	3.800	96	86860	55.452	ug/l	92
13) Acrolein	3.659	56	48444	365.513	ug/l	98
14) Allyl chloride	4.391	41	148096	68.676	ug/l	93
15) Acrylonitrile	5.061	53	98437	322.040	ug/l	99
16) Acetone	3.879	43	71701	333.889	ug/l	93
17) Carbon Disulfide	4.117	76	272934	56.574	ug/l	99
18) Methyl Acetate	4.397	43	53193	70.789	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	225045	61.726	ug/l	99
20) Methylene Chloride	4.623	84	89716	56.645	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	96653	57.552	ug/l	92
22) Diisopropyl ether	6.025	45	308181	70.111	ug/l	96
23) Vinyl Acetate	5.970	43	876749	360.173	ug/l	96
24) 1,1-Dichloroethane	5.921	63	175291	61.815	ug/l	100
25) 2-Butanone	6.903	43	124949	342.981	ug/l	94
26) 2,2-Dichloropropane	6.890	77	160962	57.651	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	110873	57.437	ug/l	94
28) Bromochloromethane	7.250	49	76460	72.370	ug/l	84
29) Tetrahydrofuran	7.262	42	84863	346.176	ug/l	91
30) Chloroform	7.427	83	181725	59.167	ug/l	96
31) Cyclohexane	7.707	56	153013	55.203	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	168751	56.771	ug/l	97
36) 1,1-Dichloropropene	7.841	75	132425	54.034	ug/l	98
37) Ethyl Acetate	6.988	43	60168	65.852	ug/l	95
38) Carbon Tetrachloride	7.823	117	156282	51.530	ug/l	99
39) Methylcyclohexane	9.116	83	168118	51.064	ug/l	95
40) Benzene	8.085	78	393690	54.594	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	31701	62.707	ug/l	93
42) 1,2-Dichloroethane	8.165	62	108251	59.191	ug/l	99
43) Isopropyl Acetate	8.201	43	120630	66.087	ug/l	96
44) Trichloroethene	8.872	130	99733	50.121	ug/l	99
45) 1,2-Dichloropropane	9.146	63	93348	57.754	ug/l	99
46) Dibromomethane	9.238	93	51734	55.001	ug/l	95
47) Bromodichloromethane	9.427	83	137852	55.807	ug/l	97
48) Methyl methacrylate	9.225	41	54848	63.113	ug/l	91
49) 1,4-Dioxane	9.231	88	10030	1003.514	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	308616	329.038	ug/l	95
52) Toluene	10.176	92	250280	53.469	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	128314	57.403	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	149965	56.133	ug/l #	91
55) 1,1,2-Trichloroethane	10.579	97	67249	53.761	ug/l	99
56) Ethyl methacrylate	10.445	69	96579	59.067	ug/l #	88
57) 1,3-Dichloropropane	10.725	76	117634	55.483	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	224134	322.966	ug/l	95
59) 2-Hexanone	10.768	43	205217	336.612	ug/l	92
60) Dibromochloromethane	10.914	129	93957	52.680	ug/l	100
61) 1,2-Dibromoethane	11.018	107	64333	53.845	ug/l	98
64) Tetrachloroethene	10.652	164	90228	47.817	ug/l	98
65) Chlorobenzene	11.445	112	270176	51.263	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	95653	51.137	ug/l	97
67) Ethyl Benzene	11.524	91	486059	53.265	ug/l	100
68) m/p-Xylenes	11.633	106	366509	104.538	ug/l	98
69) o-Xylene	11.963	106	170229	52.229	ug/l	96
70) Styrene	11.975	104	289102	53.426	ug/l	98
71) Bromoform	12.133	173	54130	49.101	ug/l #	98
73) Isopropylbenzene	12.261	105	461198	54.240	ug/l	99
74) N-amyl acetate	12.072	43	107371	69.346	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.511	83	76500	55.736	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	102300	106.739	ug/l #	100
77) Bromobenzene	12.536	156	104605	51.889	ug/l	93
78) n-propylbenzene	12.603	91	554600	55.653	ug/l	98
79) 2-Chlorotoluene	12.688	91	312917	55.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	376397	54.032	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	26957	58.386	ug/l	91
82) 4-Chlorotoluene	12.786	91	316855	54.527	ug/l	100
83) tert-Butylbenzene	13.005	119	347315	53.757	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	370408	54.433	ug/l	100
85) sec-Butylbenzene	13.182	105	488820	53.440	ug/l	100
86) p-Isopropyltoluene	13.298	119	414156	53.878	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	203767	51.839	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	201529	51.631	ug/l	100
89) n-Butylbenzene	13.621	91	381707	55.439	ug/l	99
90) Hexachloroethane	13.889	117	84237	54.167	ug/l	94
91) 1,2-Dichlorobenzene	13.664	146	176718	51.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11716	55.445	ug/l	93
93) 1,2,4-Trichlorobenzene	14.926	180	105932	50.473	ug/l	99
94) Hexachlorobutadiene	15.029	225	67092	46.155	ug/l	99
95) Naphthalene	15.151	128	180166	53.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	88730	49.991	ug/l	99

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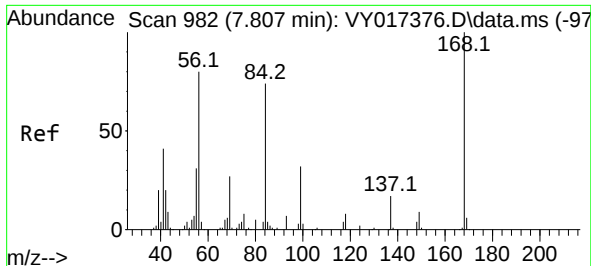
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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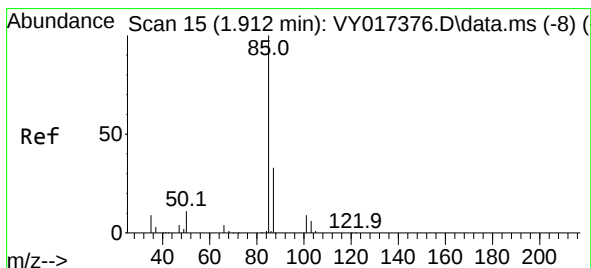
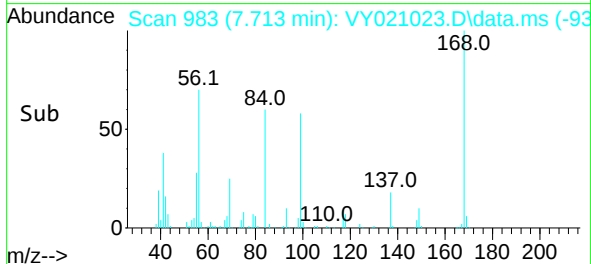
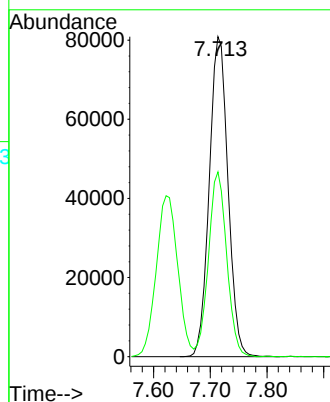
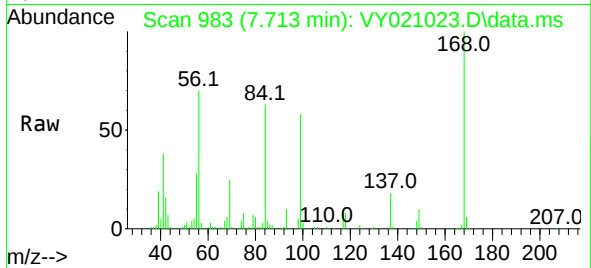




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
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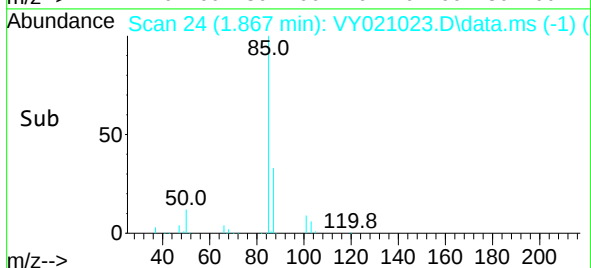
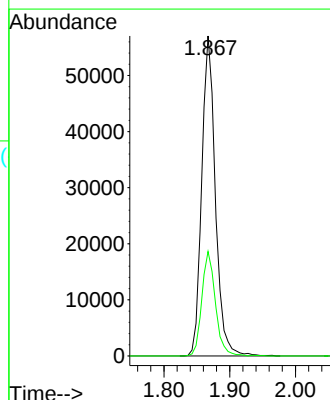
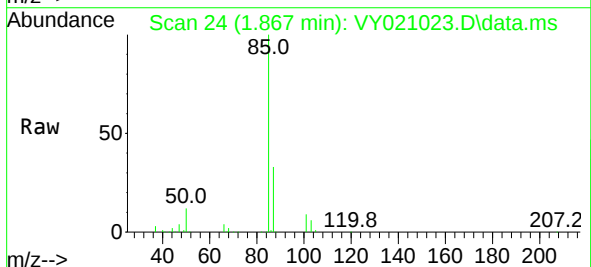
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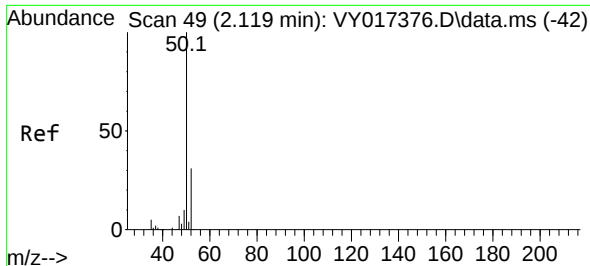
Tgt Ion:168 Resp: 185055
Ion Ratio Lower Upper
168 100
99 57.7 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 52.329 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 85 Resp: 82341
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9

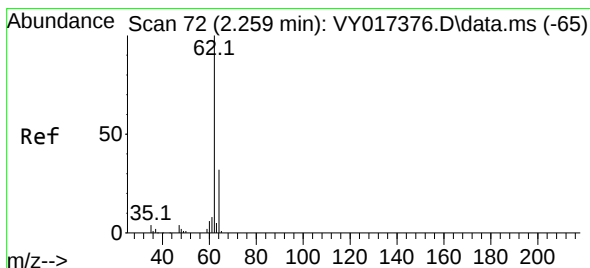
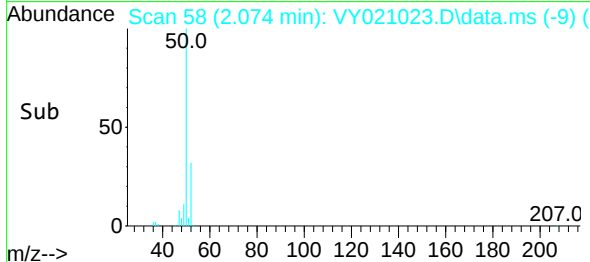
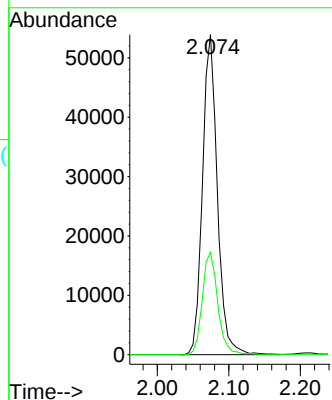
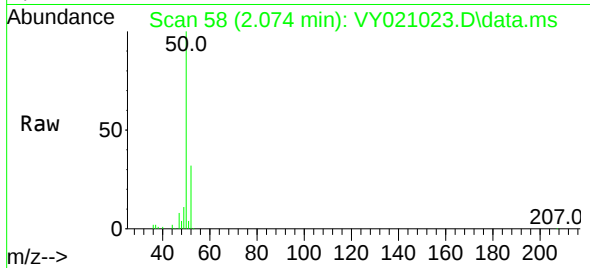




#3
Chloromethane
Concen: 77.798 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY021023.D
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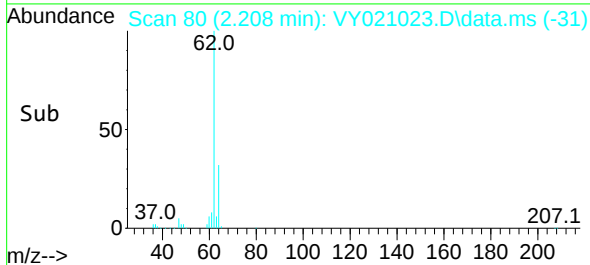
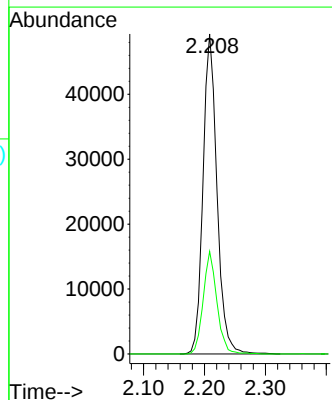
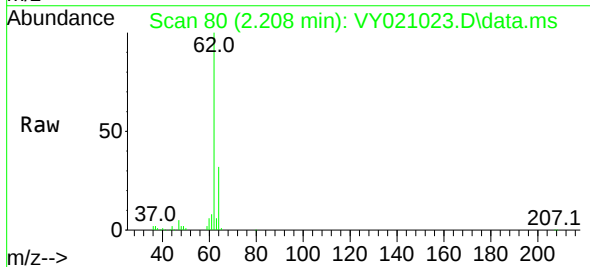
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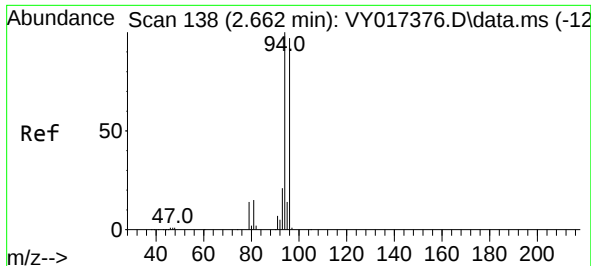
Tgt Ion: 50 Resp: 77828
Ion Ratio Lower Upper
50 100
52 32.0 26.3 39.5



#4
Vinyl Chloride
Concen: 76.063 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 62 Resp: 78456
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2

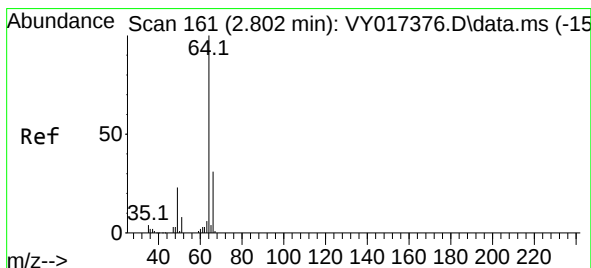
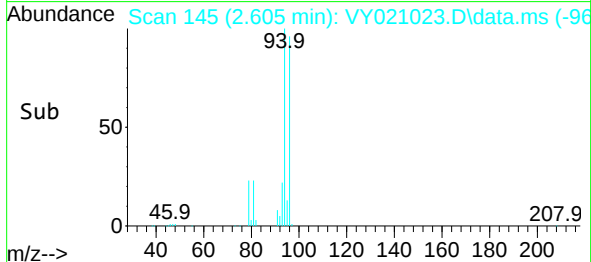
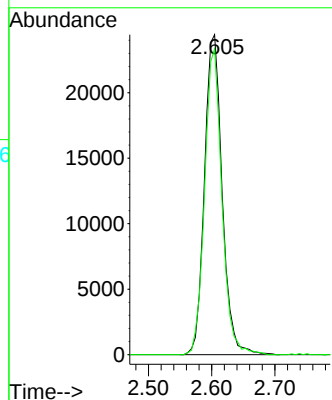
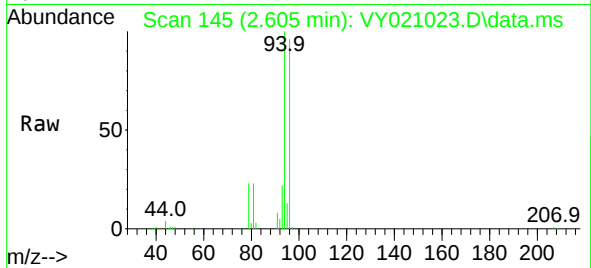




#5
Bromomethane
Concen: 68.257 ug/l
RT: 2.605 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

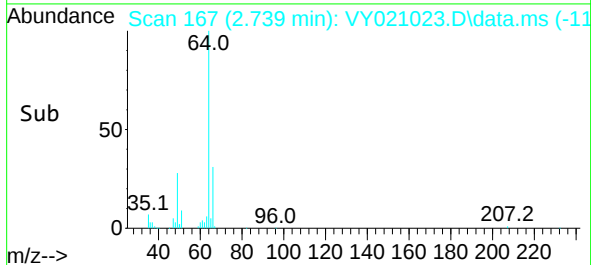
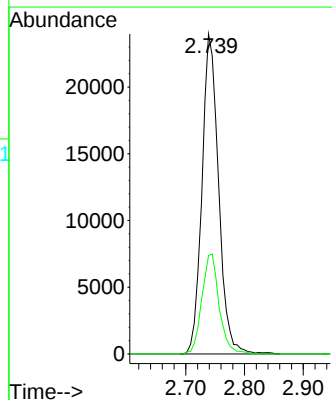
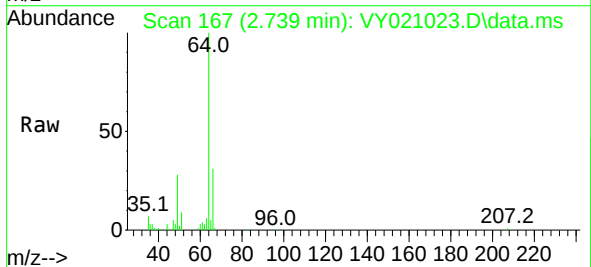
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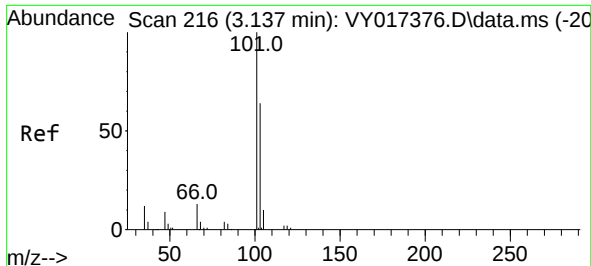
Tgt Ion: 94 Resp: 47661
Ion Ratio Lower Upper
94 100
96 95.6 77.4 116.0



#6
Chloroethane
Concen: 78.268 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.001 min
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Tgt Ion: 64 Resp: 47159
Ion Ratio Lower Upper
64 100
66 30.7 25.0 37.4

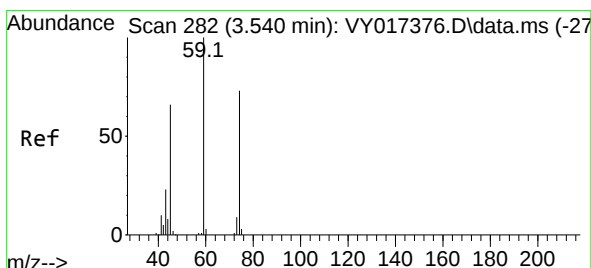
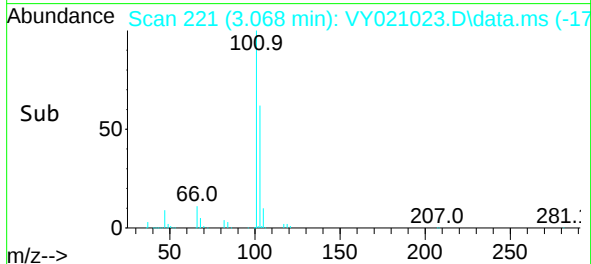
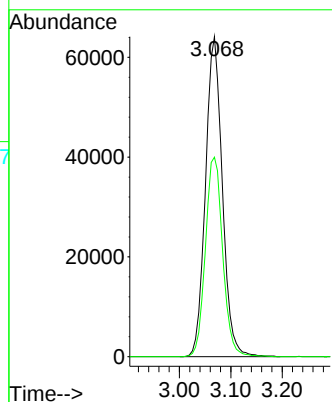
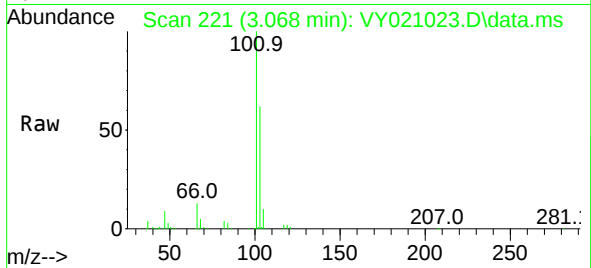




#7
 Trichlorofluoromethane
 Concen: 58.690 ug/l
 RT: 3.068 min Scan# 216
 Delta R.T. 0.001 min
 Lab File: VY021023.D
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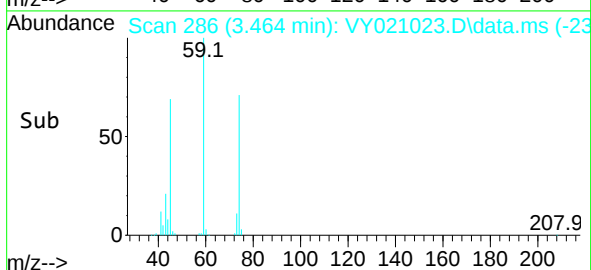
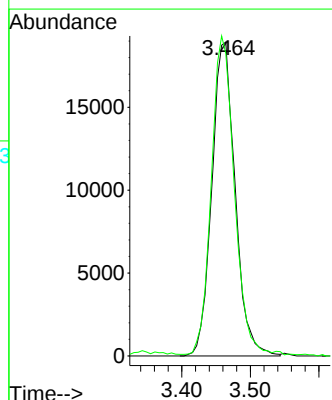
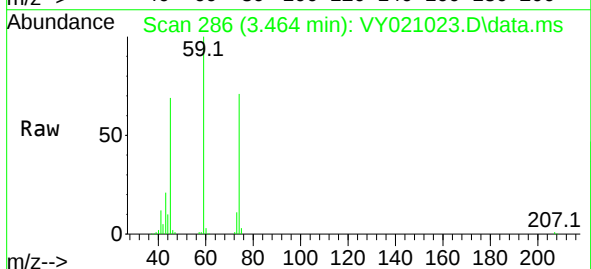
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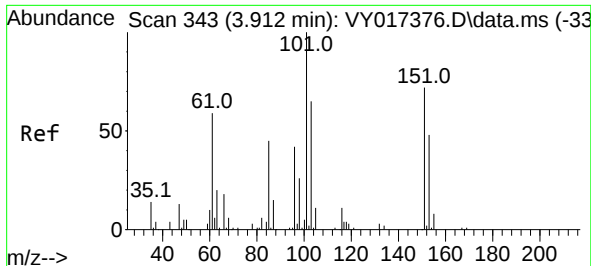
Tgt Ion:101 Resp: 146090
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.9 76.3



#8
 Diethyl Ether
 Concen: 60.281 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 44796
 Ion Ratio Lower Upper
 74 100
 45 100.0 43.4 130.2

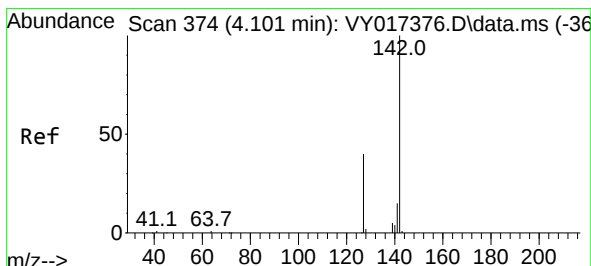
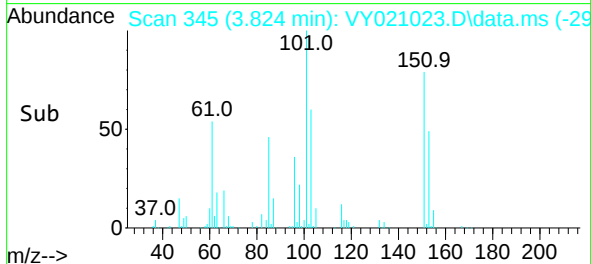
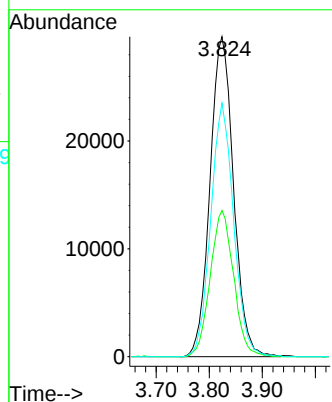
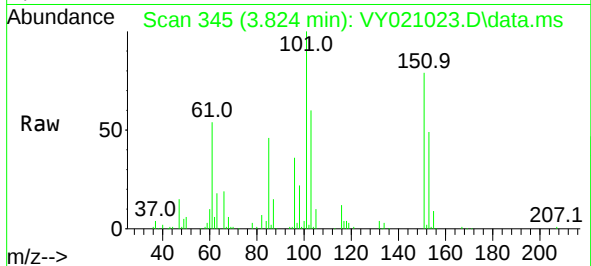




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.564 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.001 min
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Acq: 03 Feb 2025 11:43

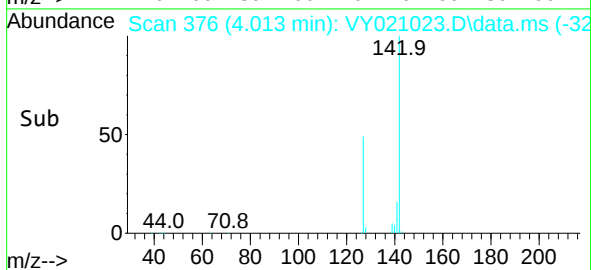
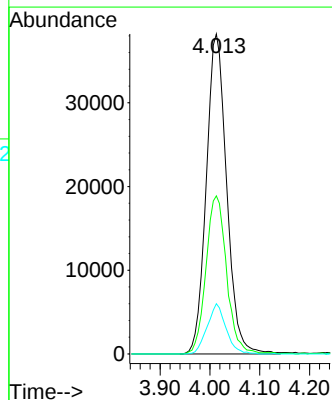
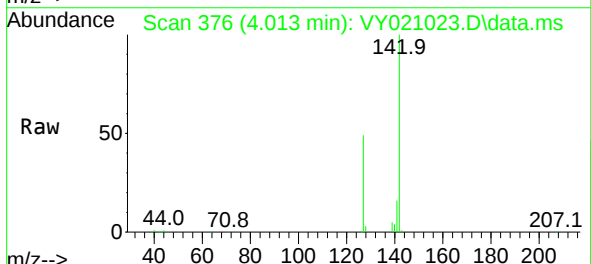
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

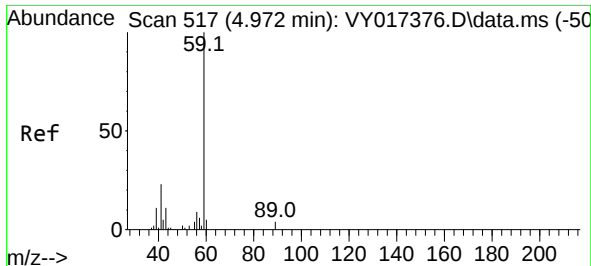
Tgt Ion:101 Resp: 91456
Ion Ratio Lower Upper
101 100
85 45.5 34.9 52.3
151 77.5 66.8 100.2



#10
Methyl Iodide
Concen: 56.607 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:142 Resp: 108576
Ion Ratio Lower Upper
142 100
127 49.8 38.9 58.3
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 256.470 ug/l

RT: 4.872 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

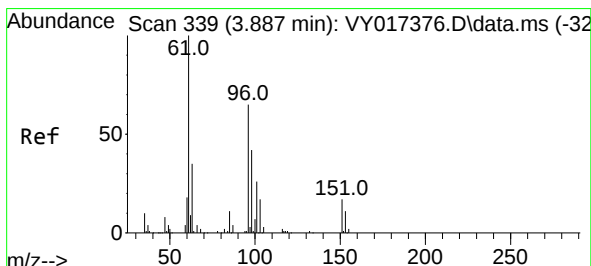
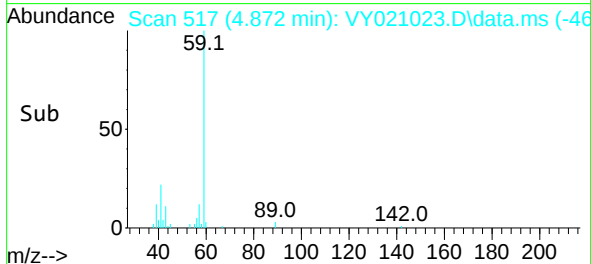
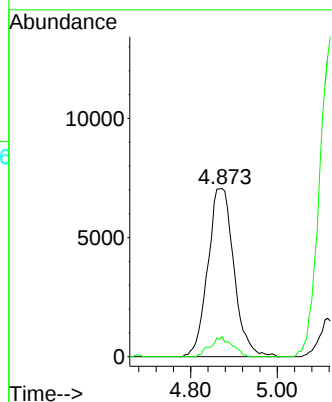
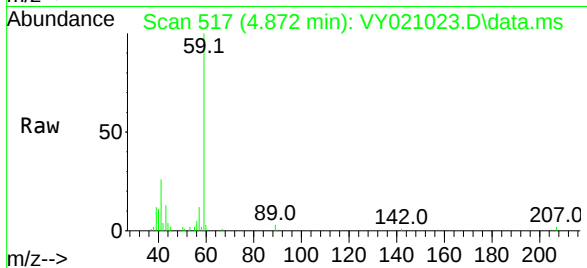
VSTDICCC050

Tgt Ion: 59 Resp: 29518

Ion Ratio Lower Upper

59 100

57 9.9 7.8 11.8



#12

1,1-Dichloroethene

Concen: 55.452 ug/l

RT: 3.800 min Scan# 341

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

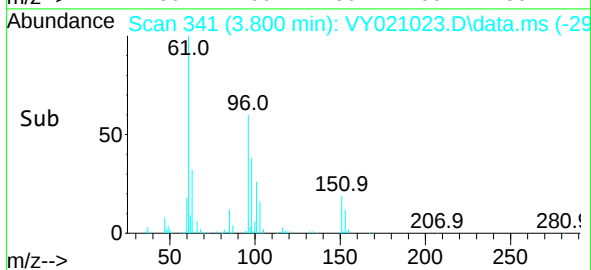
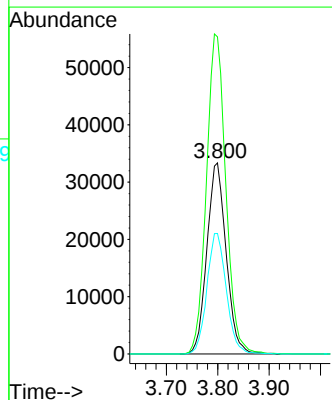
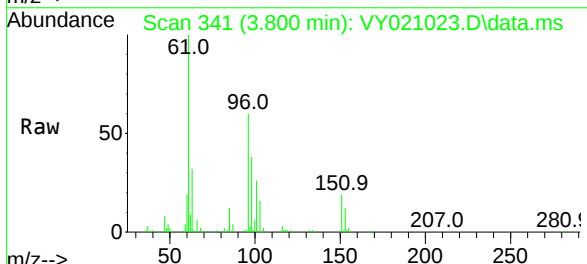
Tgt Ion: 96 Resp: 86860

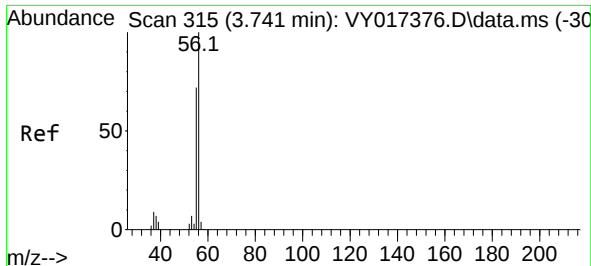
Ion Ratio Lower Upper

96 100

61 166.1 120.8 181.2

98 63.1 50.6 76.0





#13

Acrolein

Concen: 365.513 ug/l

RT: 3.659 min Scan# 315

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

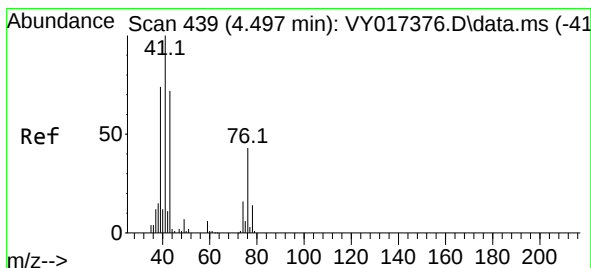
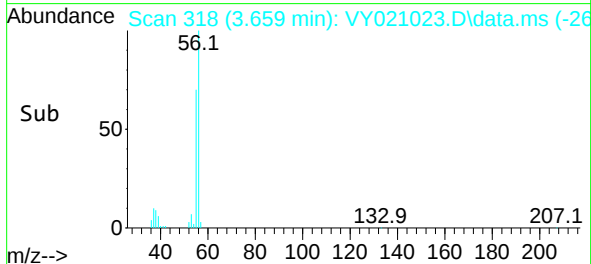
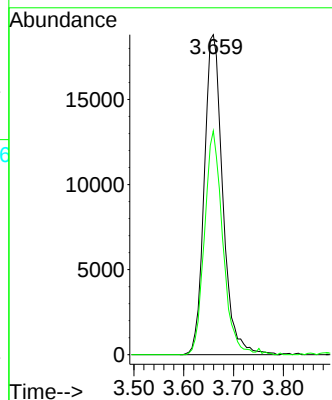
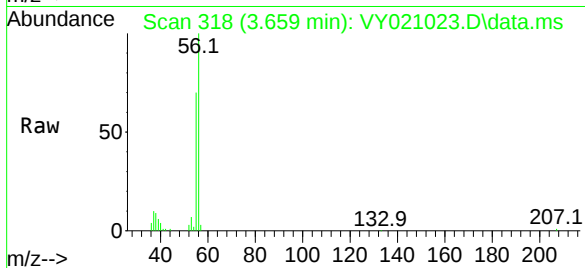
VSTDICCC050

Tgt Ion: 56 Resp: 48444

Ion Ratio Lower Upper

56 100

55 68.6 56.1 84.1



#14

Allyl chloride

Concen: 68.676 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

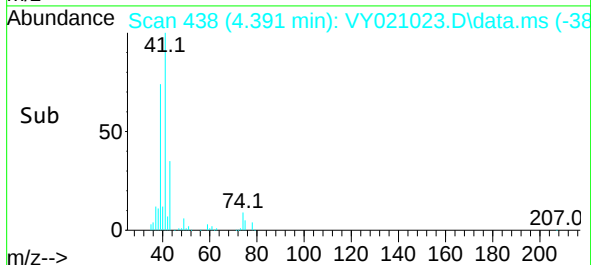
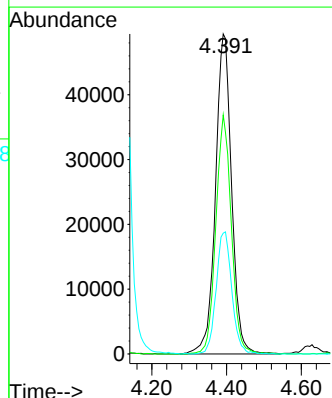
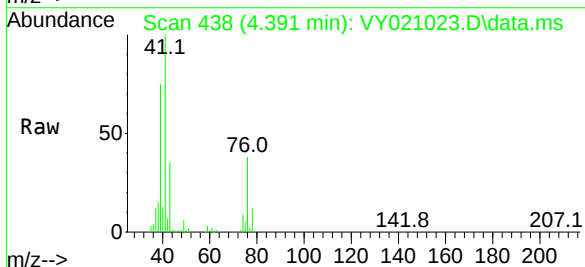
Tgt Ion: 41 Resp: 148096

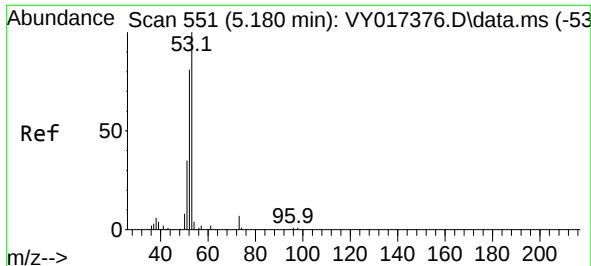
Ion Ratio Lower Upper

41 100

39 71.5 53.5 80.3

76 37.1 34.6 52.0

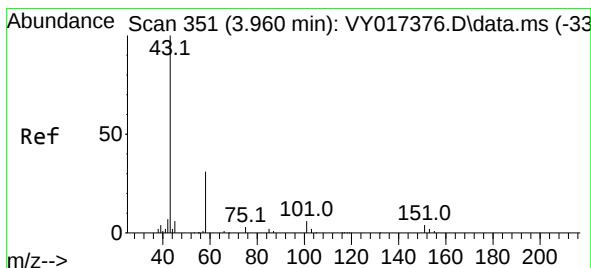
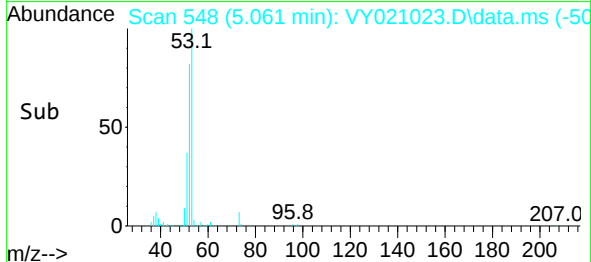
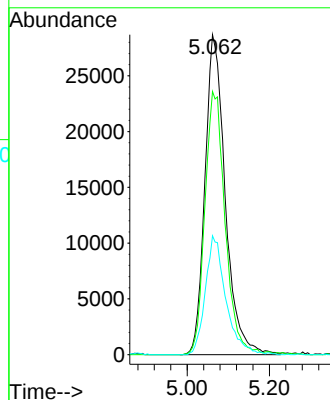
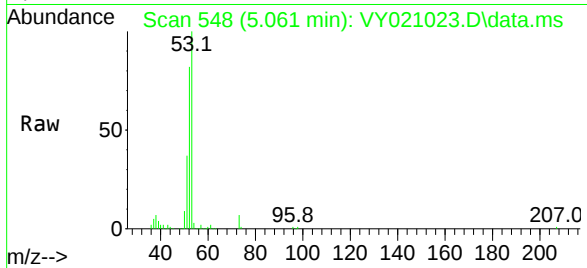




#15
Acrylonitrile
Concen: 322.040 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

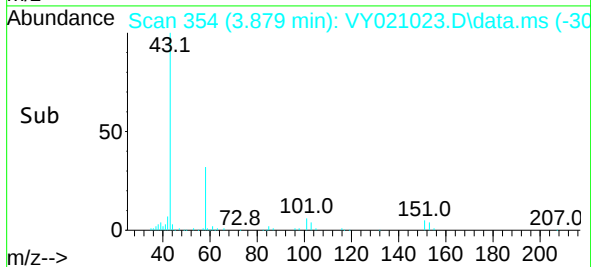
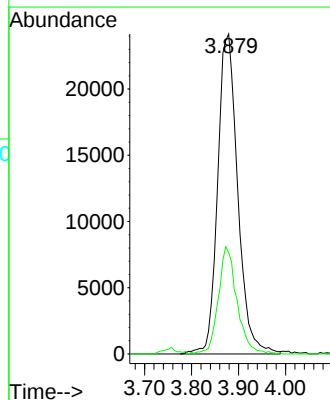
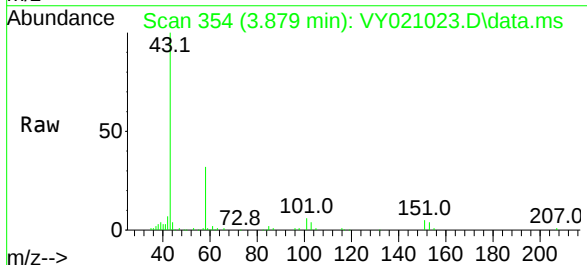
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

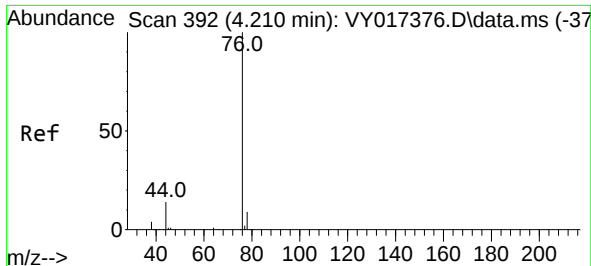
Tgt Ion: 53 Resp: 98437
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.4
51 37.4 29.4 44.0



#16
Acetone
Concen: 333.889 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 71701
Ion Ratio Lower Upper
43 100
58 31.4 28.4 42.6





#17

Carbon Disulfide

Concen: 56.574 ug/l

RT: 4.117 min Scan# 392

Delta R.T. 0.007 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

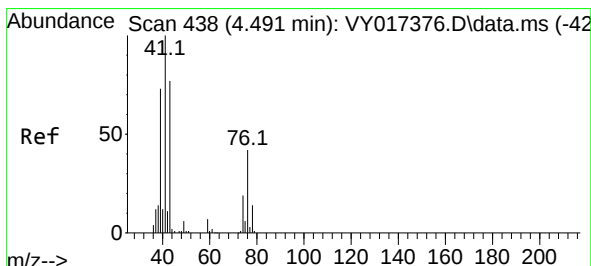
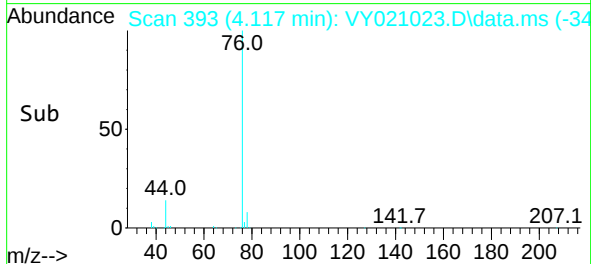
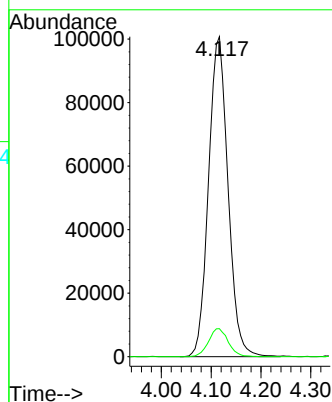
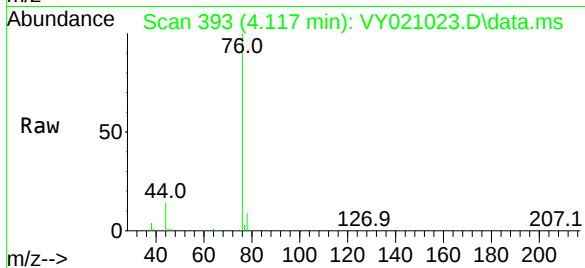
VSTDICCC050

Tgt Ion: 76 Resp: 272934

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



#18

Methyl Acetate

Concen: 70.789 ug/l

RT: 4.397 min Scan# 439

Delta R.T. 0.007 min

Lab File: VY021023.D

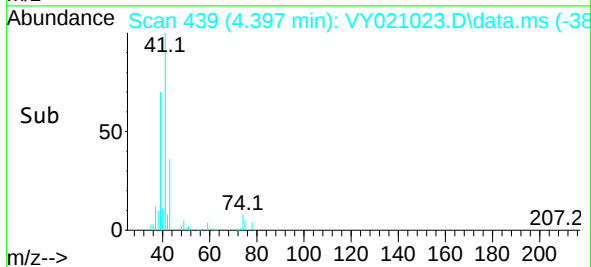
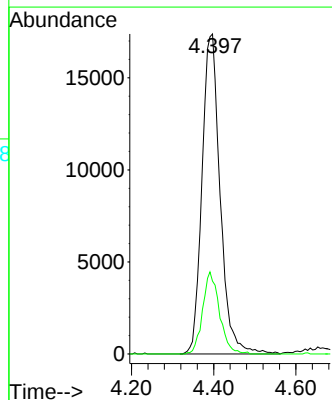
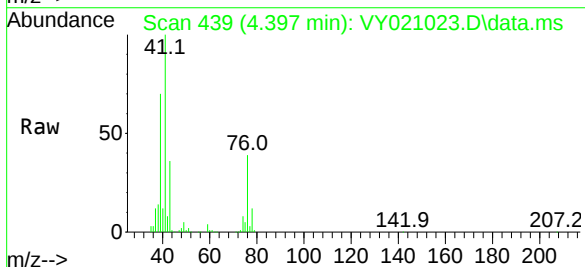
Acq: 03 Feb 2025 11:43

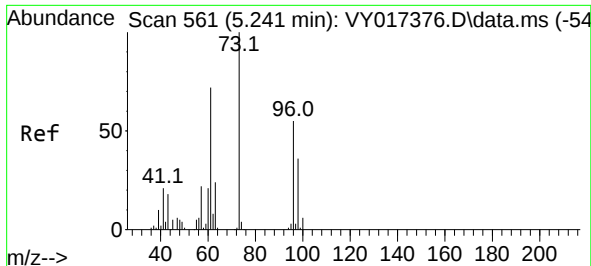
Tgt Ion: 43 Resp: 53193

Ion Ratio Lower Upper

43 100

74 23.8 22.2 33.4





#19

Methyl tert-butyl Ether

Concen: 61.726 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

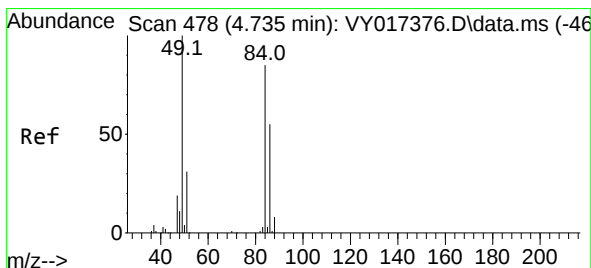
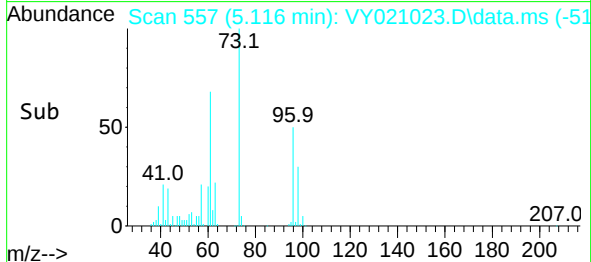
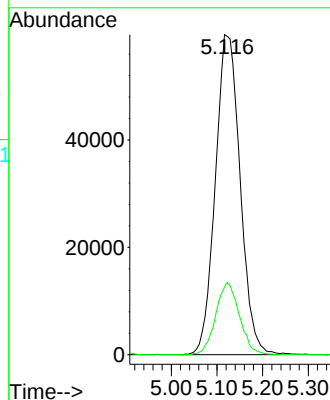
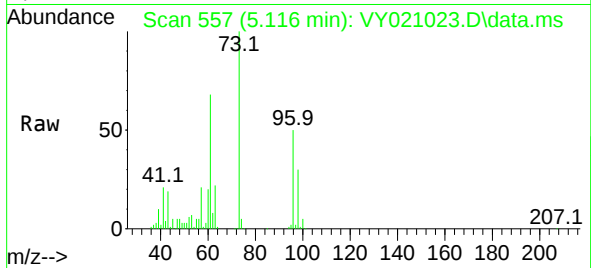
VSTDICCC050

Tgt Ion: 73 Resp: 225045

Ion Ratio Lower Upper

73 100

57 21.1 16.6 25.0



#20

Methylene Chloride

Concen: 56.645 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Tgt Ion: 84 Resp: 89716

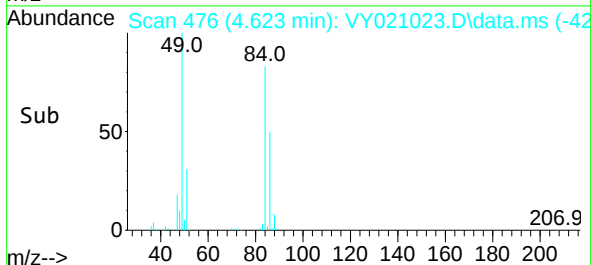
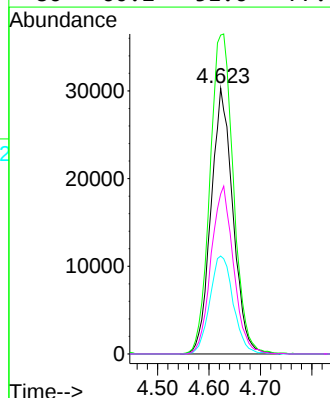
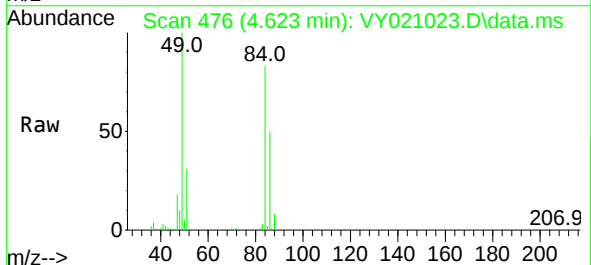
Ion Ratio Lower Upper

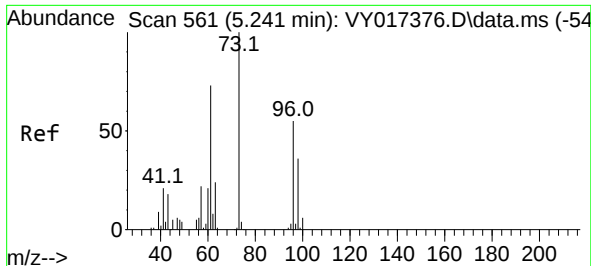
84 100

49 120.0 88.3 132.5

51 36.8 27.7 41.5

86 60.2 51.6 77.4

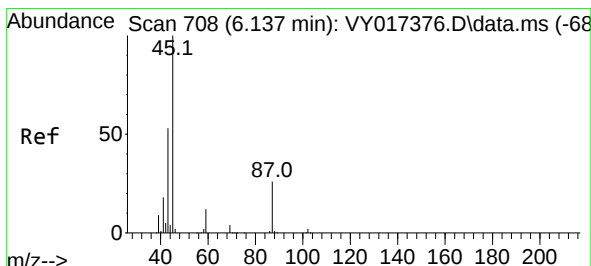
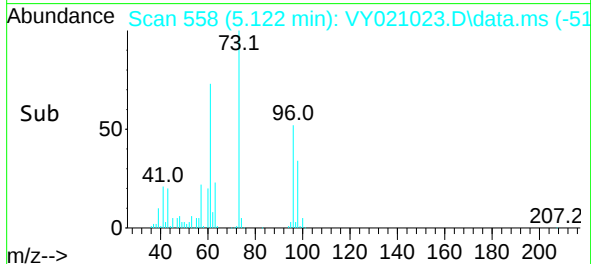
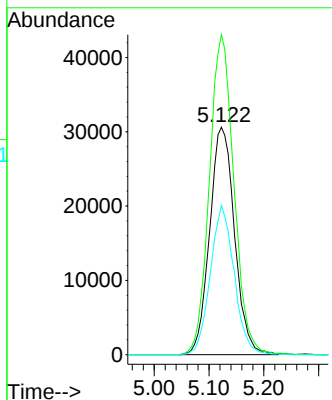
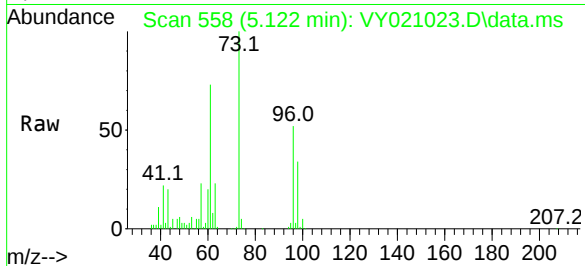




#21
trans-1,2-Dichloroethene
Concen: 57.552 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

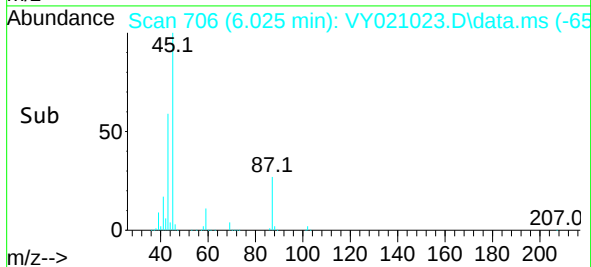
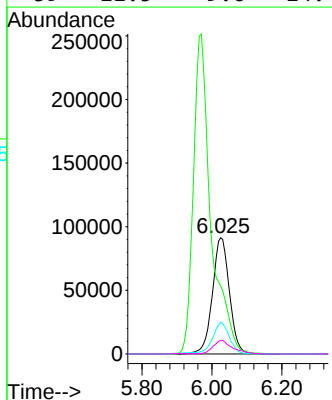
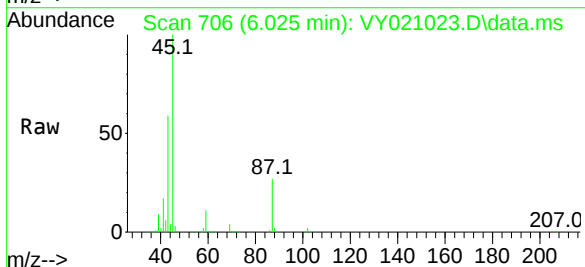
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

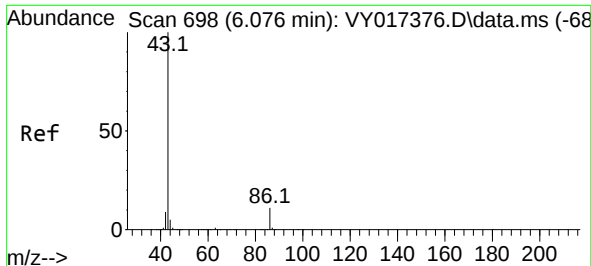
Tgt Ion: 96 Resp: 96653
Ion Ratio Lower Upper
96 100
61 140.7 101.5 152.3
98 65.7 52.0 78.0



#22
Diisopropyl ether
Concen: 70.111 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 45 Resp: 308181
Ion Ratio Lower Upper
45 100
43 58.4 45.1 67.7
87 27.2 25.0 37.4
59 11.5 9.6 14.4

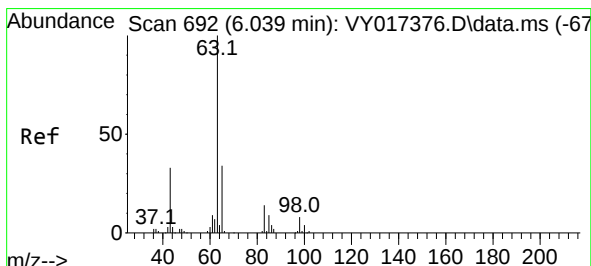
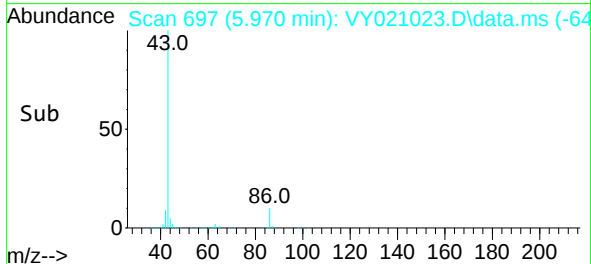
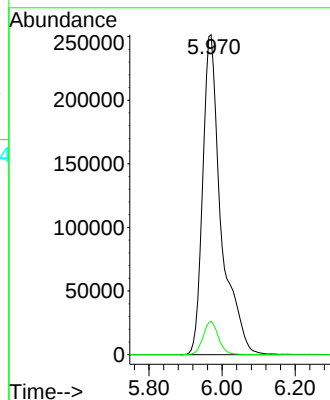
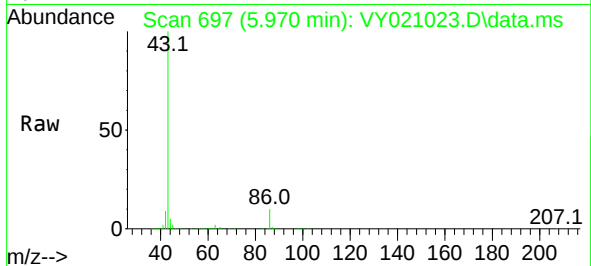




#23
 Vinyl Acetate
 Concen: 360.173 ug/l
 RT: 5.970 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VY021023.D
 Acq: 03 Feb 2025 11:43

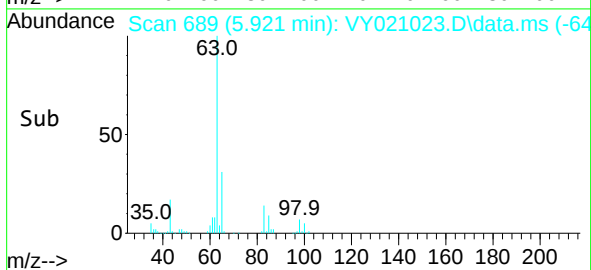
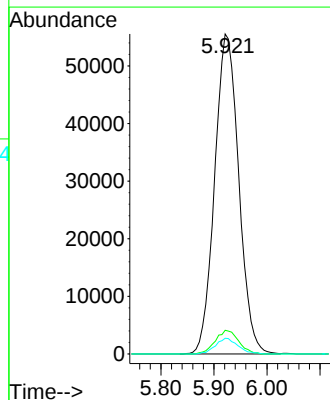
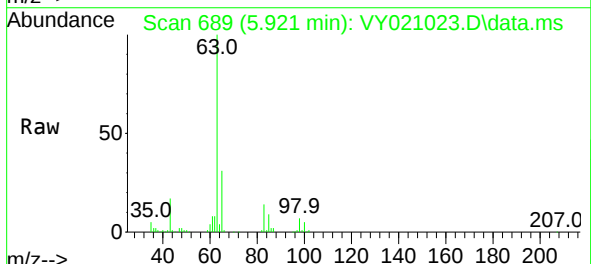
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

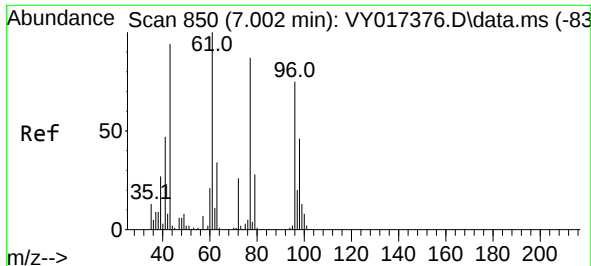
Tgt Ion: 43 Resp: 876749
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 61.815 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.001 min
 Lab File: VY021023.D
 Acq: 03 Feb 2025 11:43

Tgt Ion: 63 Resp: 175291
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.9 2.4 7.2

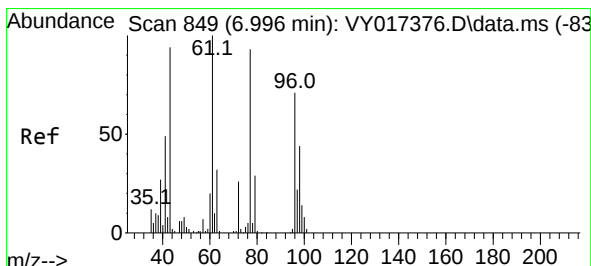
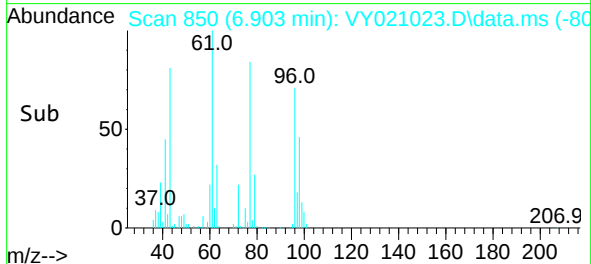
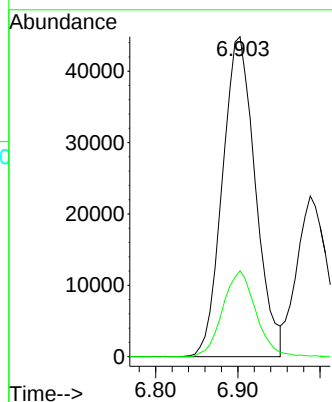
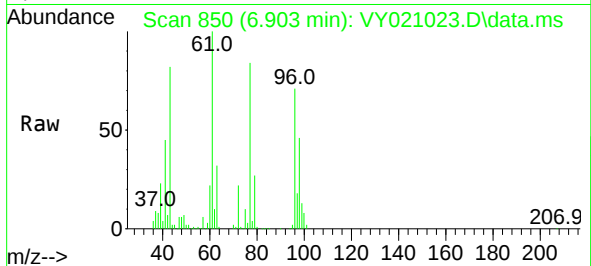




#25
2-Butanone
Concen: 342.981 ug/l
RT: 6.903 min Scan# 81
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

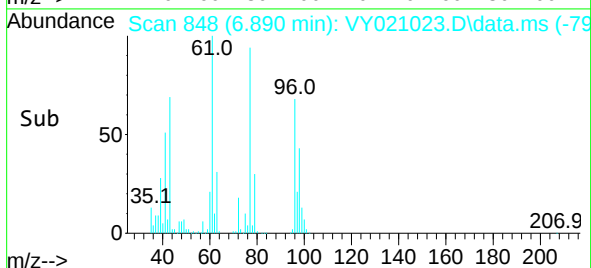
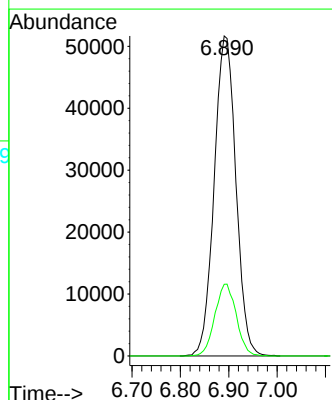
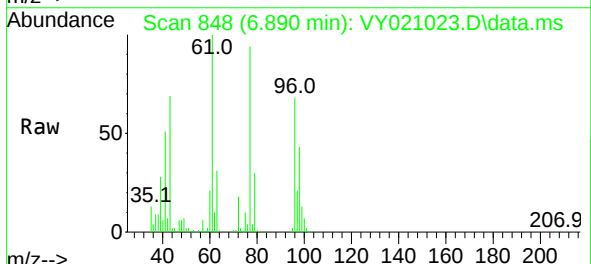
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

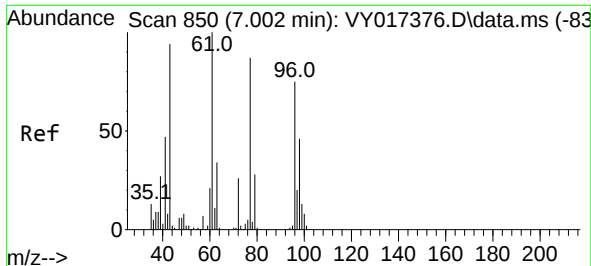
Tgt Ion: 43 Resp: 124949
Ion Ratio Lower Upper
43 100
72 26.9 24.3 36.5



#26
2,2-Dichloropropane
Concen: 57.651 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 77 Resp: 160962
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 57.437 ug/l

RT: 6.897 min Scan# 84

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

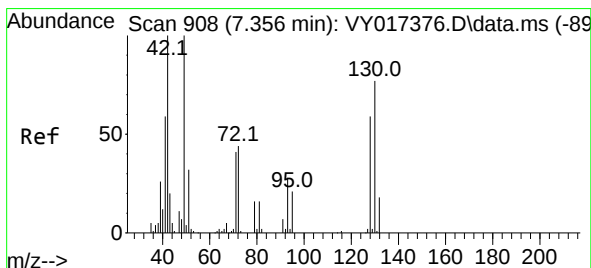
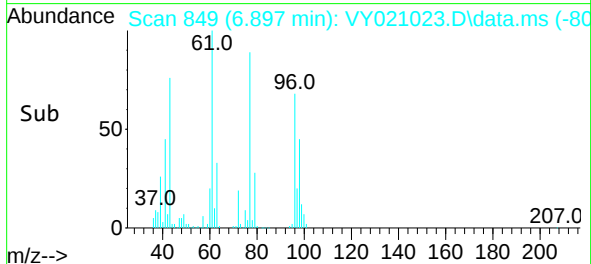
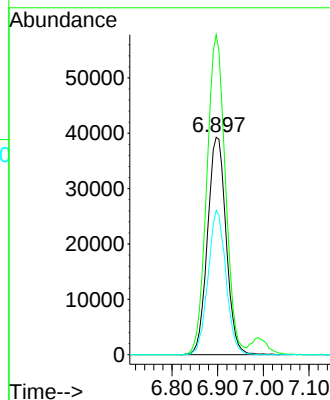
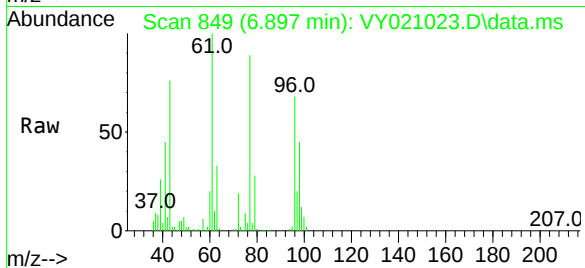
Tgt Ion: 96 Resp: 110873

Ion Ratio Lower Upper

96 100

61 147.1 0.0 274.0

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 72.370 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

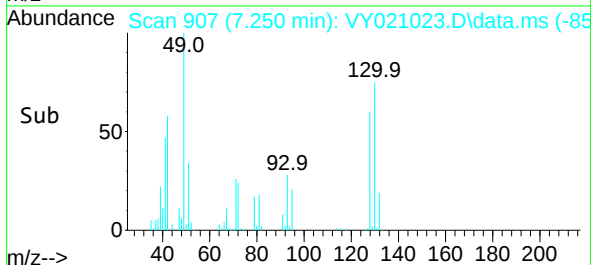
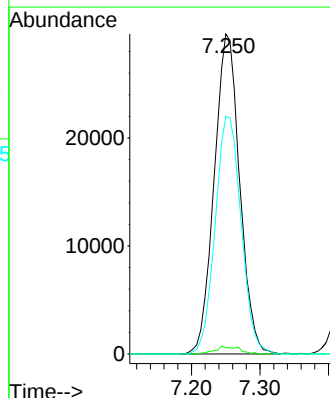
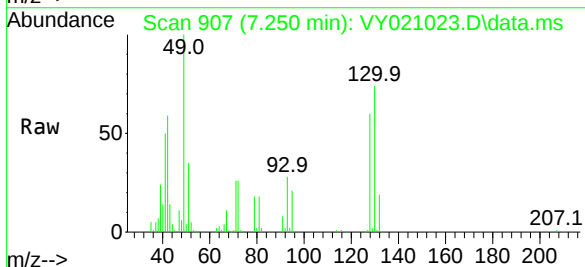
Tgt Ion: 49 Resp: 76460

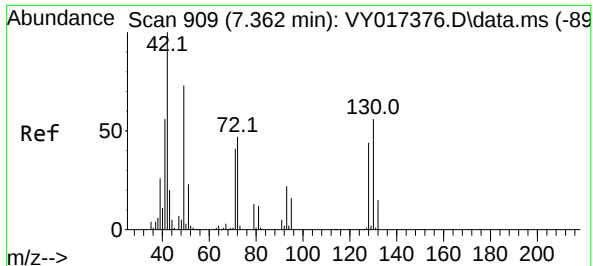
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 75.5 73.2 109.8





#29

Tetrahydrofuran

Concen: 346.176 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

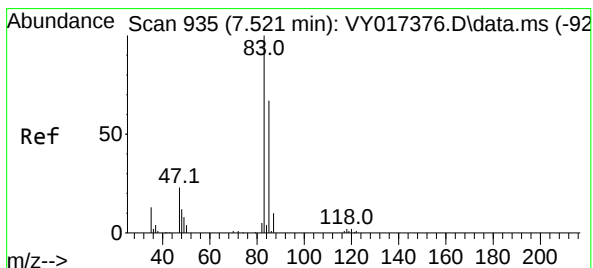
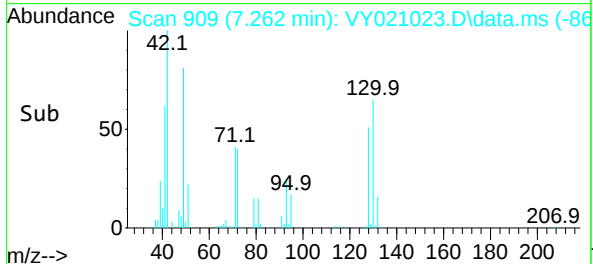
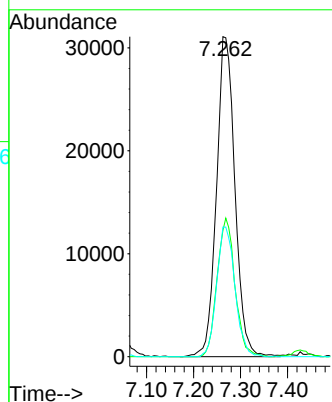
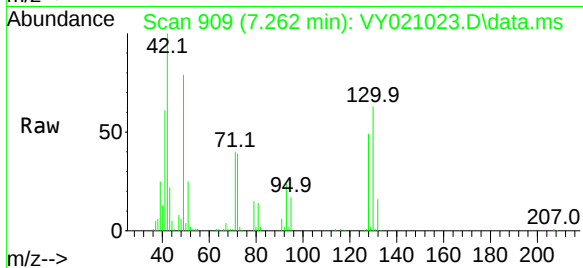
Tgt Ion: 42 Resp: 84863

Ion Ratio Lower Upper

42 100

72 41.9 39.3 58.9

71 40.3 36.1 54.1



#30

Chloroform

Concen: 59.167 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.001 min

Lab File: VY021023.D

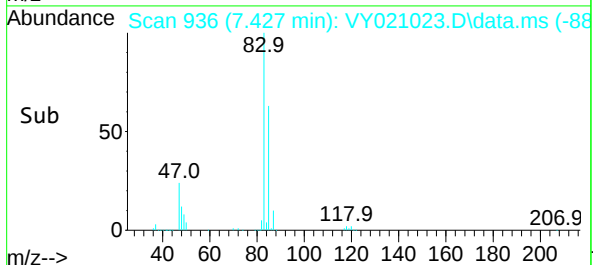
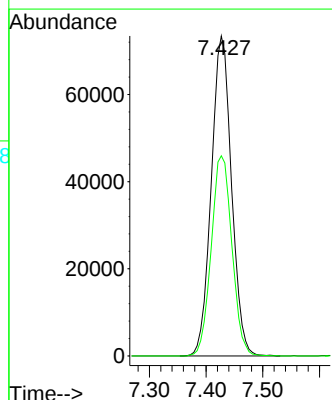
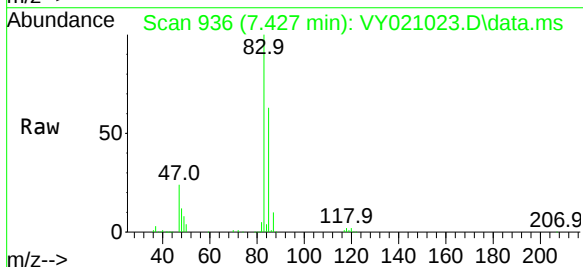
Acq: 03 Feb 2025 11:43

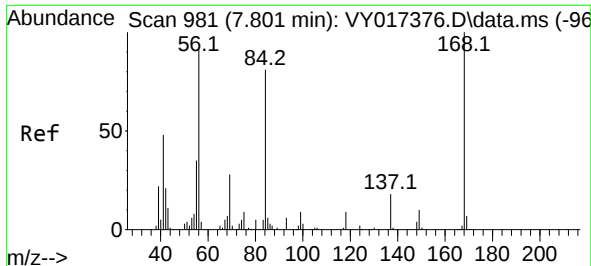
Tgt Ion: 83 Resp: 181725

Ion Ratio Lower Upper

83 100

85 62.6 52.9 79.3

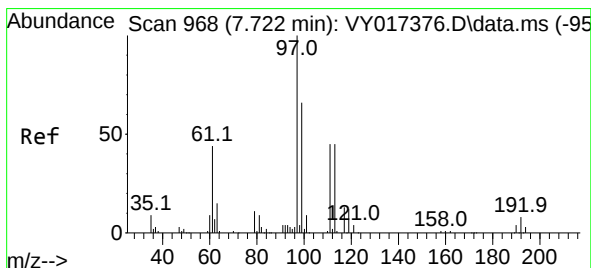
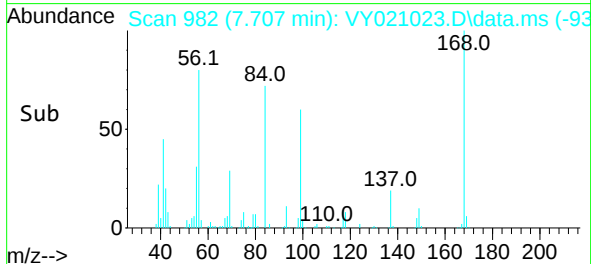
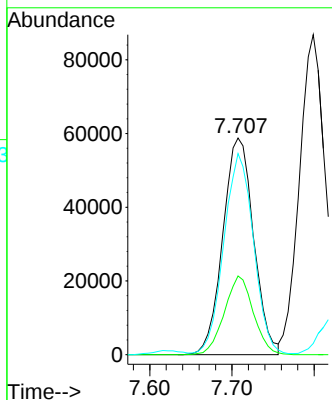
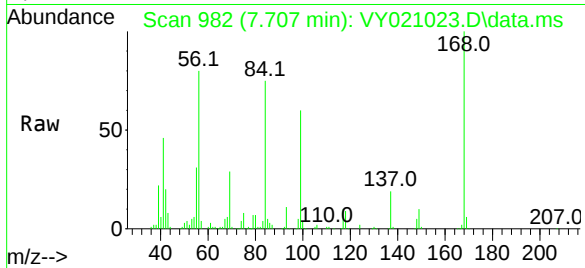




#31
Cyclohexane
Concen: 55.203 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

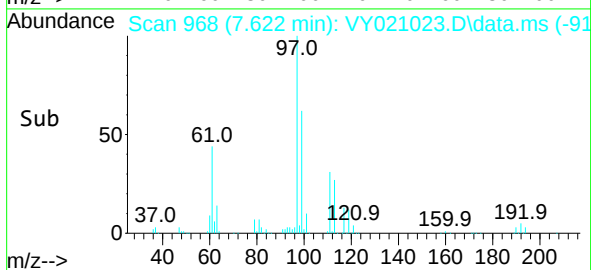
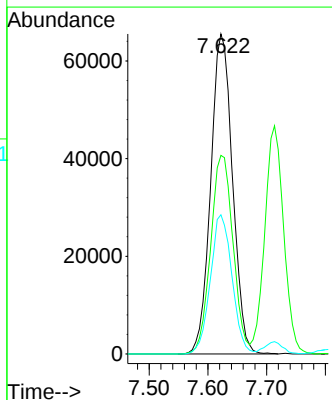
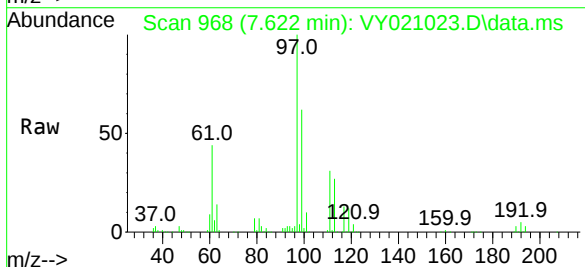
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

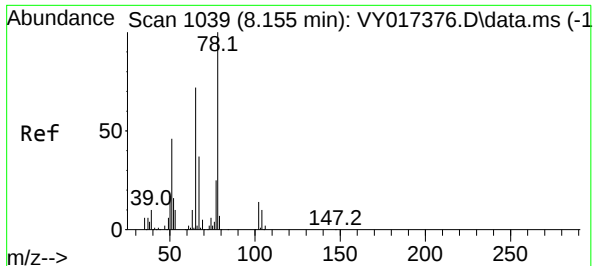
Tgt Ion: 56 Resp: 153013
Ion Ratio Lower Upper
56 100
69 36.3 27.7 41.5
84 91.5 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 56.771 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 97 Resp: 168751
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 43.3 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 59.079 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

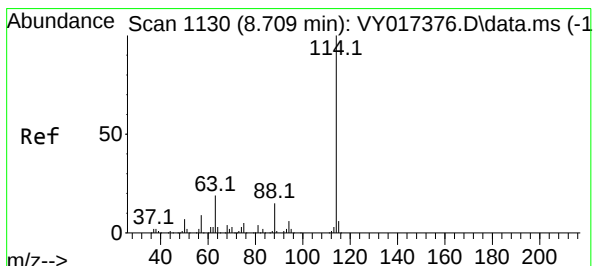
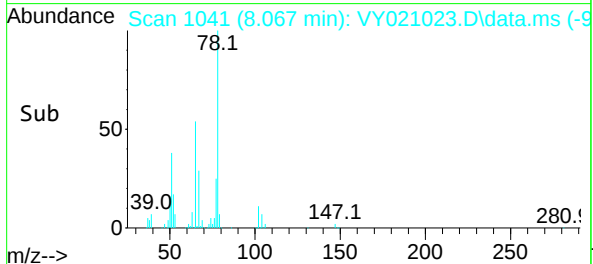
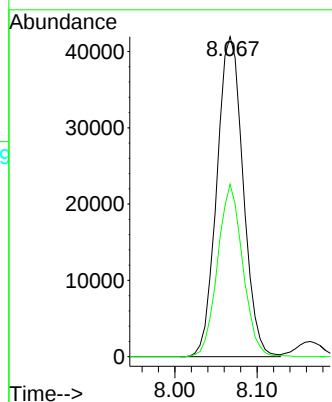
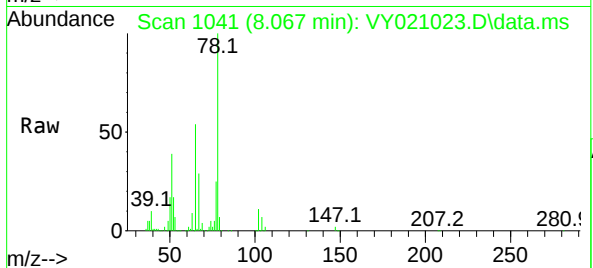
VSTDICCC050

Tgt Ion: 65 Resp: 93084

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

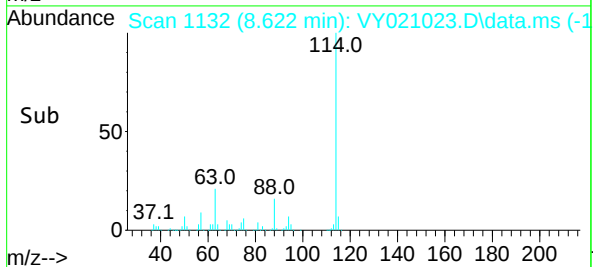
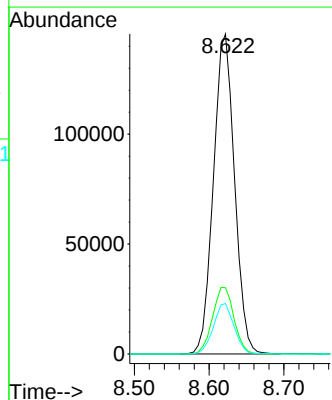
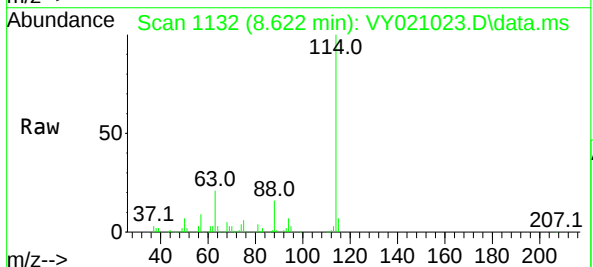
Tgt Ion: 114 Resp: 285755

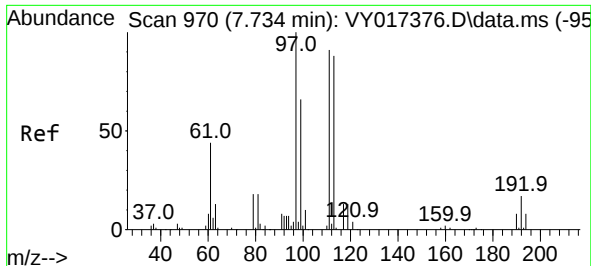
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.2

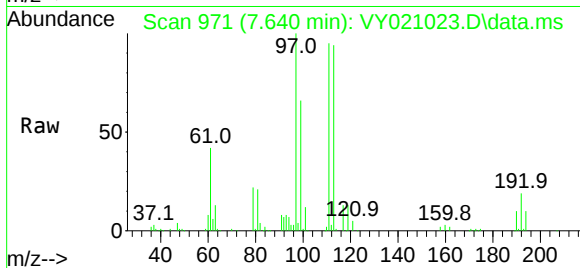
88 15.8 0.0 29.6



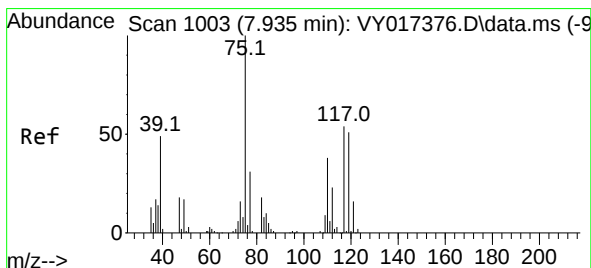
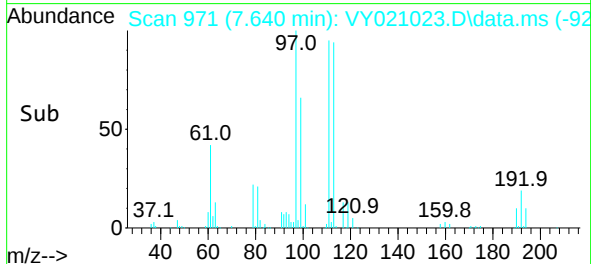
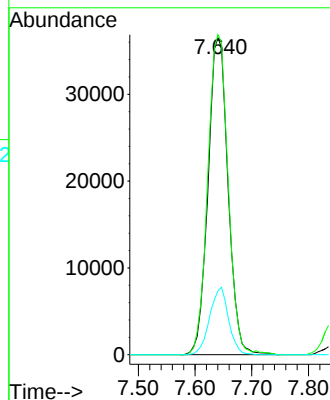


#35
Dibromofluoromethane
Concen: 52.107 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

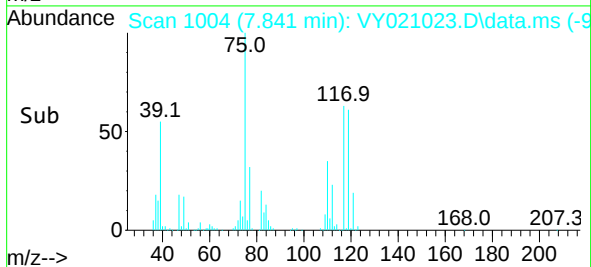
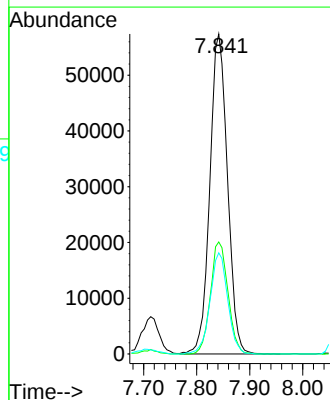
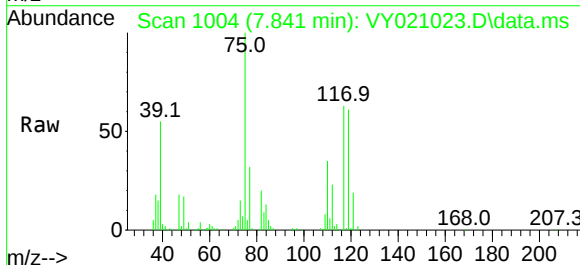


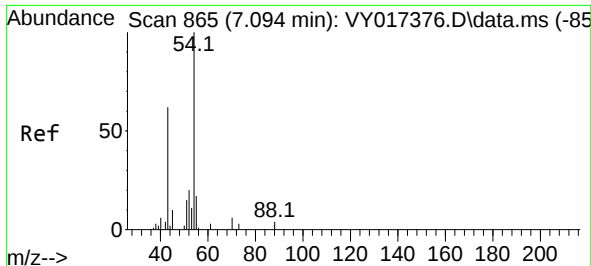
Tgt Ion:113 Resp: 89515
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 54.034 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 132425
Ion Ratio Lower Upper
75 100
110 34.8 18.4 55.2
77 31.6 24.9 37.3





#37

Ethyl Acetate

Concen: 65.852 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

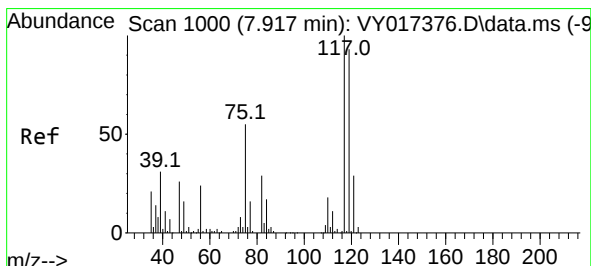
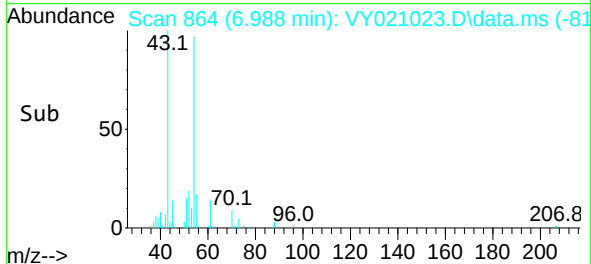
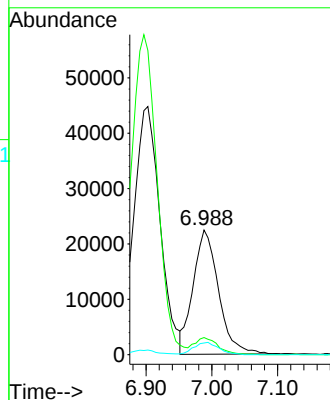
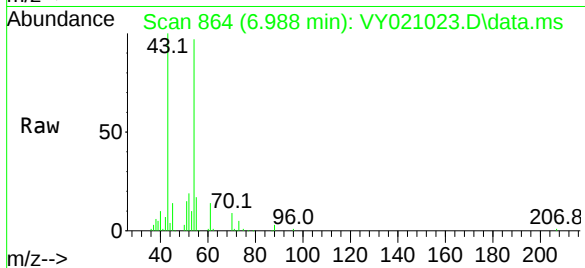
Tgt Ion: 43 Resp: 60168

Ion Ratio Lower Upper

43 100

61 12.9 11.4 17.0

70 9.7 9.6 14.4



#38

Carbon Tetrachloride

Concen: 51.530 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

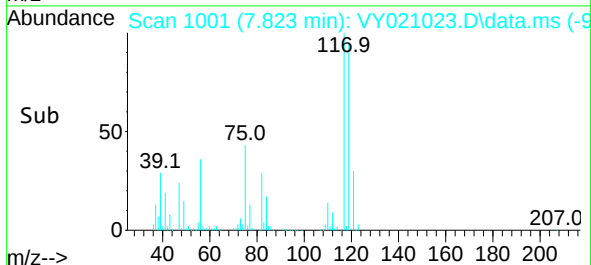
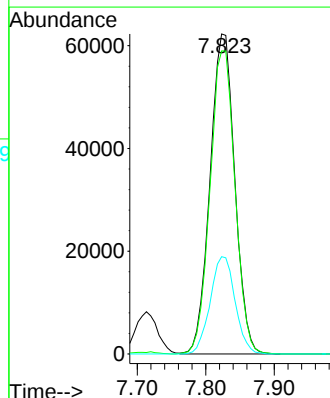
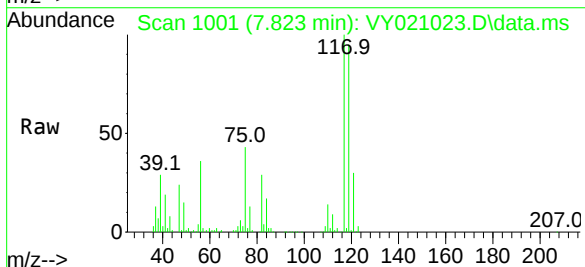
Tgt Ion: 117 Resp: 156282

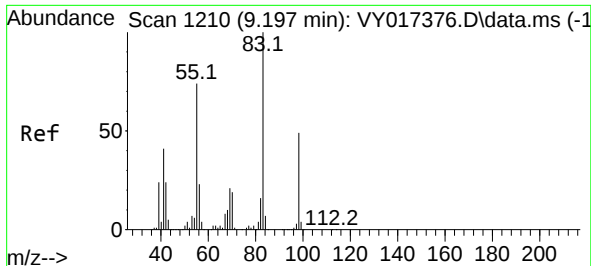
Ion Ratio Lower Upper

117 100

119 94.7 75.0 112.6

121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 51.064 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

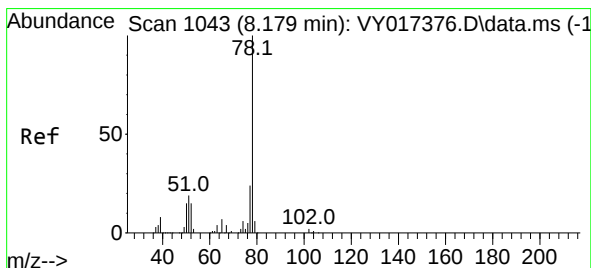
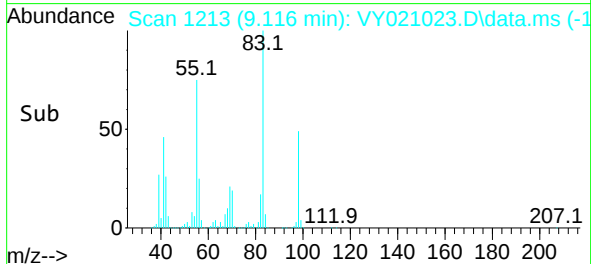
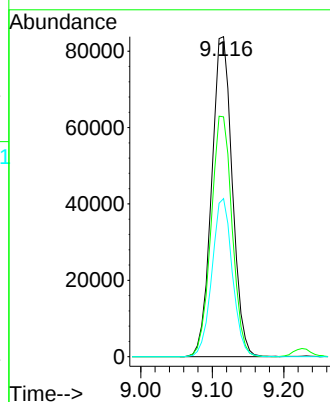
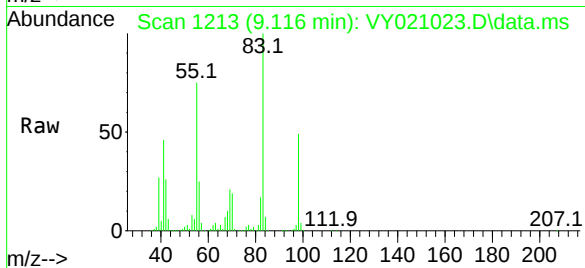
Tgt Ion: 83 Resp: 168118

Ion Ratio Lower Upper

83 100

55 75.0 54.9 82.3

98 49.4 40.5 60.7



#40

Benzene

Concen: 54.594 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.001 min

Lab File: VY021023.D

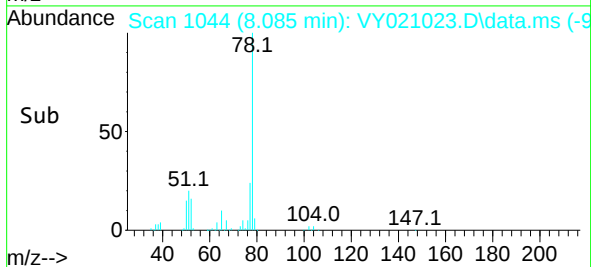
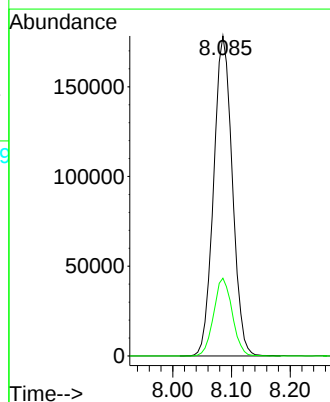
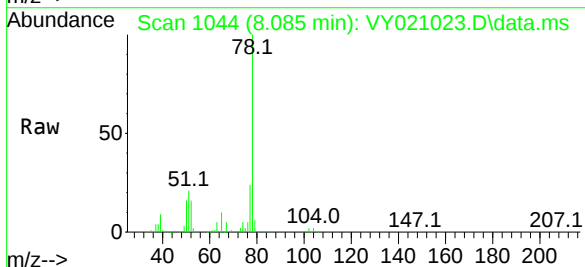
Acq: 03 Feb 2025 11:43

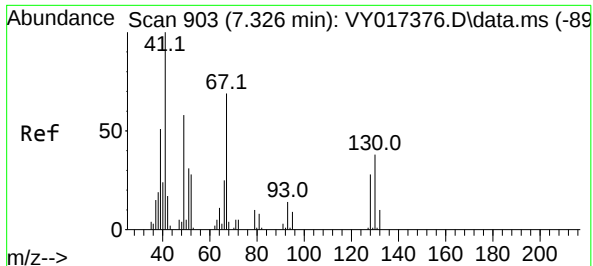
Tgt Ion: 78 Resp: 393690

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2



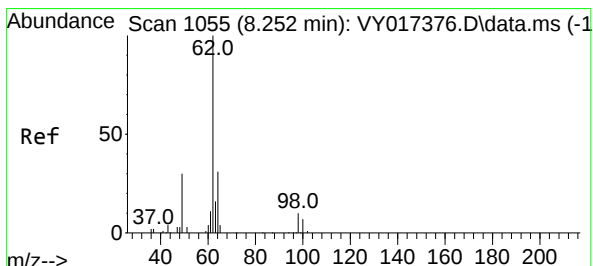
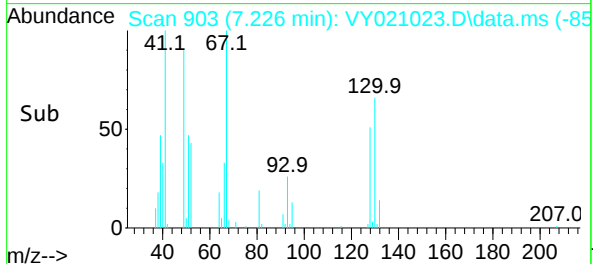
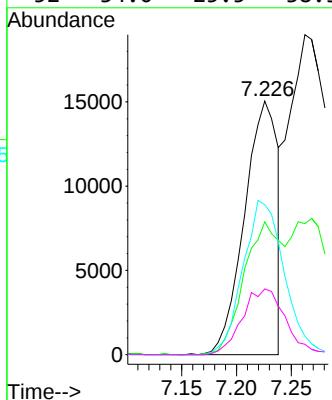
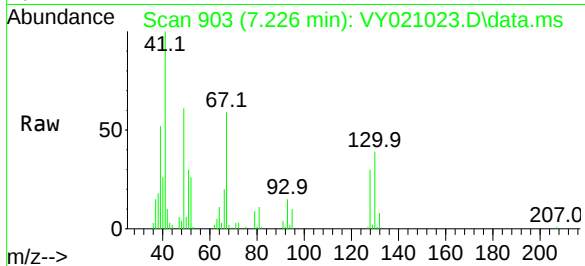


#41
Methacrylonitrile
Concen: 62.707 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 31701

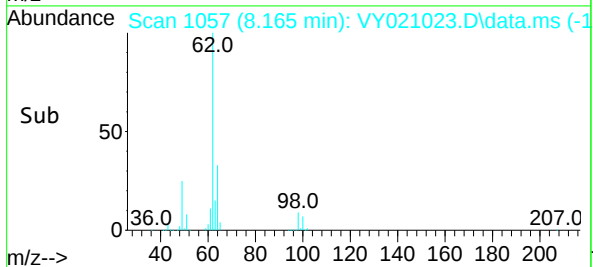
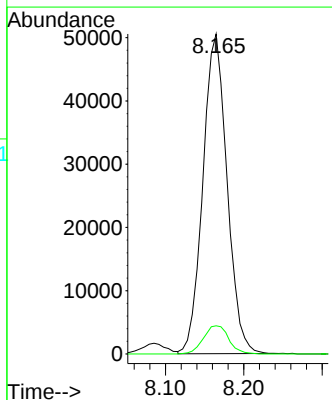
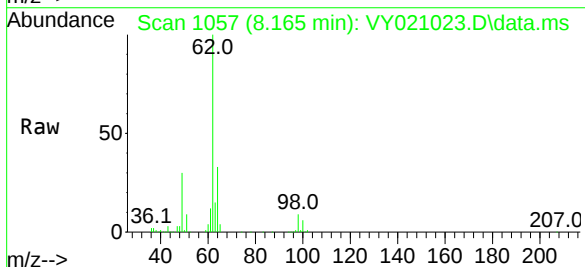
Ion	Ratio	Lower	Upper
41	100		
39	60.9	41.6	62.4
67	75.8	63.8	95.6
52	34.0	25.5	38.3

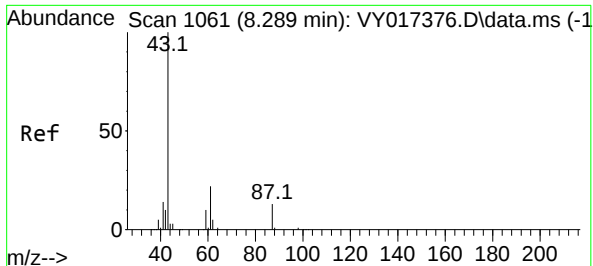


#42
1,2-Dichloroethane
Concen: 59.191 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 62 Resp: 108251

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4

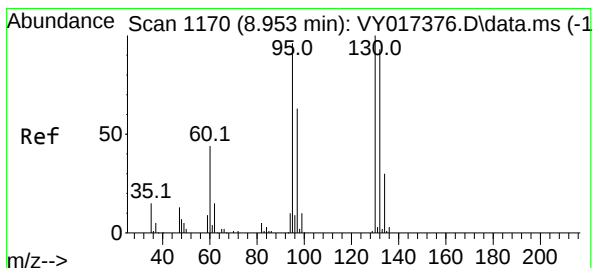
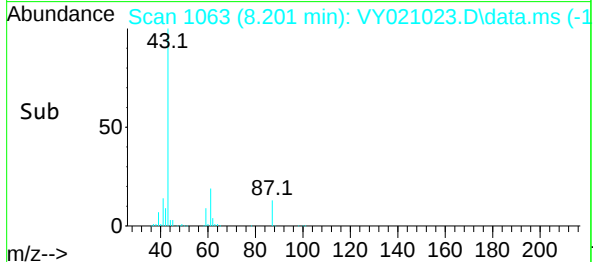
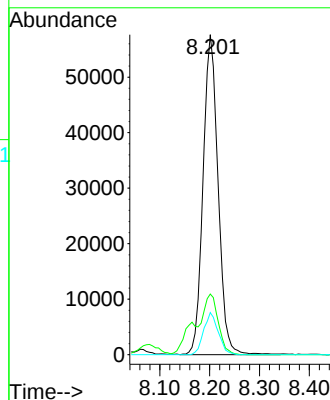
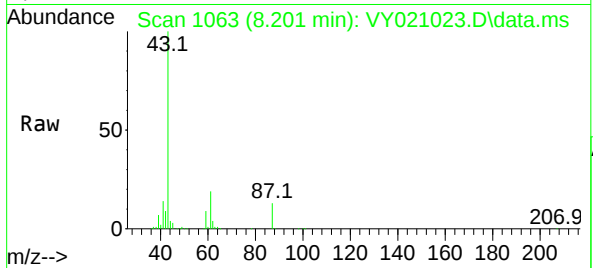




#43
Isopropyl Acetate
Concen: 66.087 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

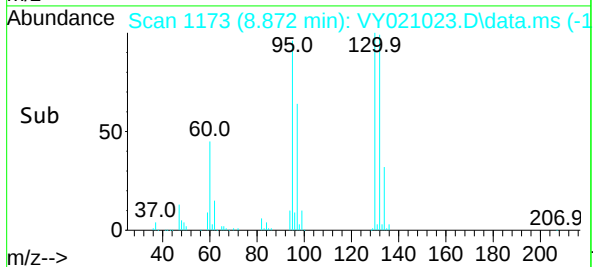
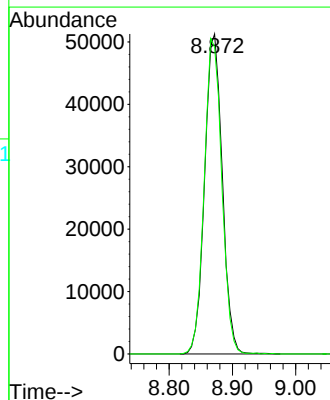
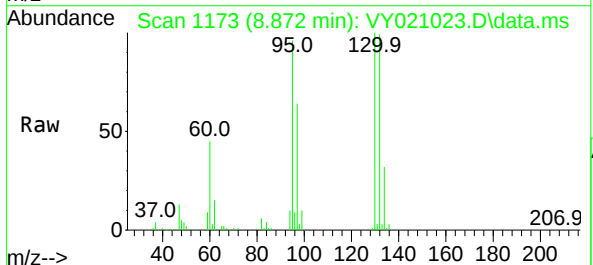
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

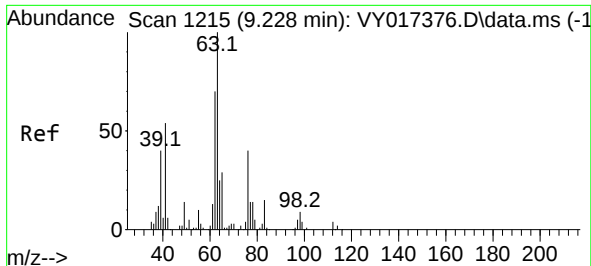
Tgt Ion: 43 Resp: 120630
Ion Ratio Lower Upper
43 100
61 19.1 15.8 23.6
87 12.8 12.5 18.7



#44
Trichloroethene
Concen: 50.121 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:130 Resp: 99733
Ion Ratio Lower Upper
130 100
95 95.9 0.0 189.6





#45

1,2-Dichloropropane

Concen: 57.754 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

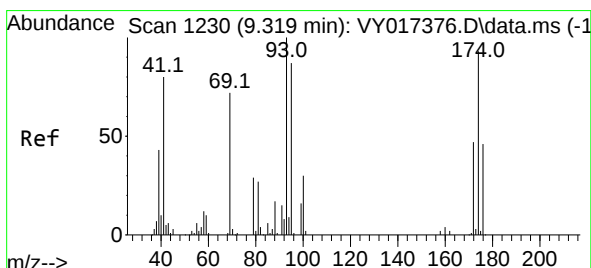
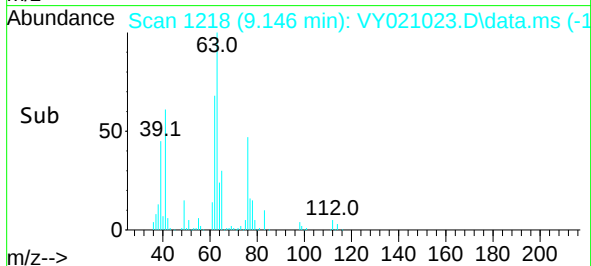
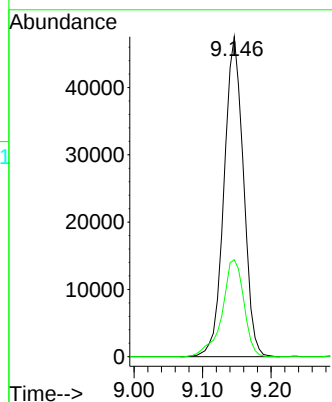
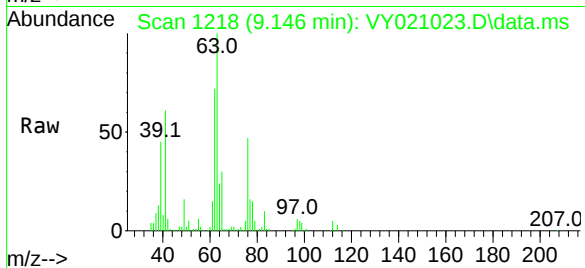
VSTDICCC050

Tgt Ion: 63 Resp: 93348

Ion Ratio Lower Upper

63 100

65 30.3 23.6 35.4



#46

Dibromomethane

Concen: 55.001 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.007 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

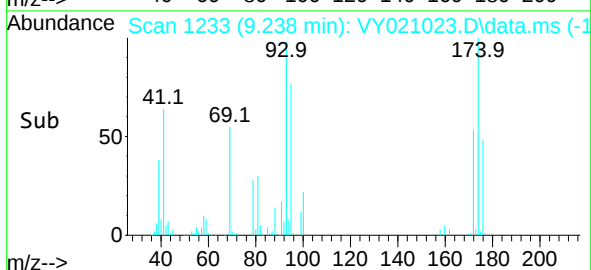
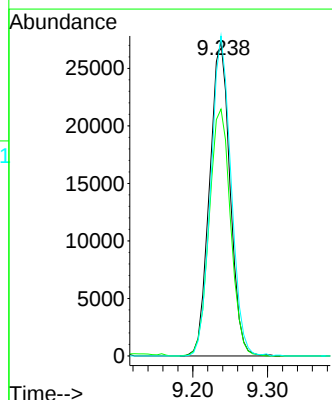
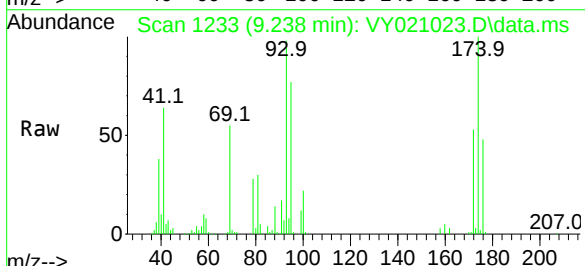
Tgt Ion: 93 Resp: 51734

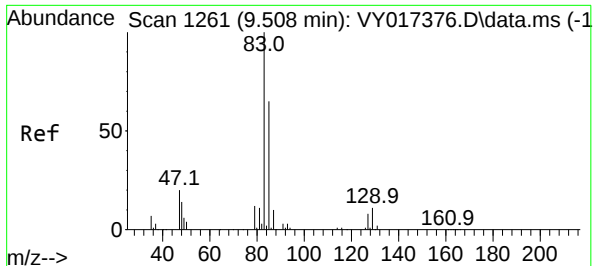
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.8

174 100.9 88.1 132.1

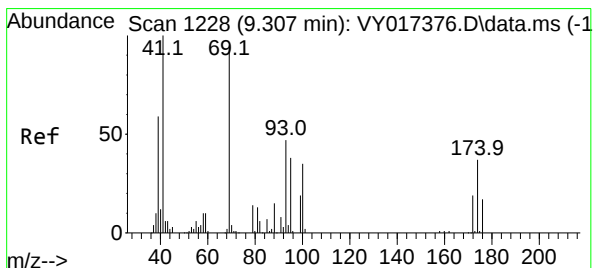
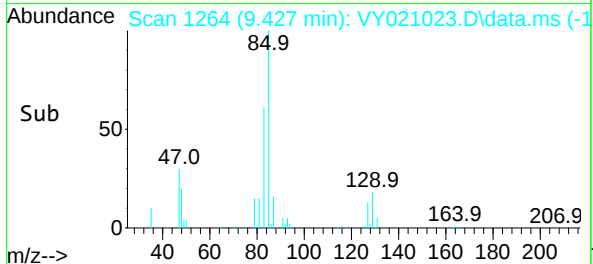
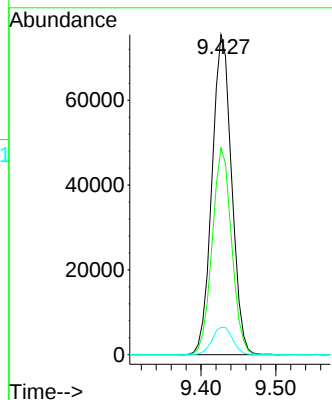
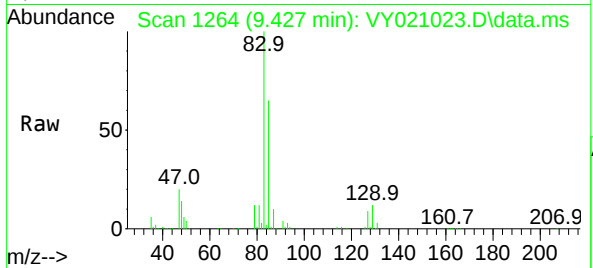




#47
Bromodichloromethane
Concen: 55.807 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

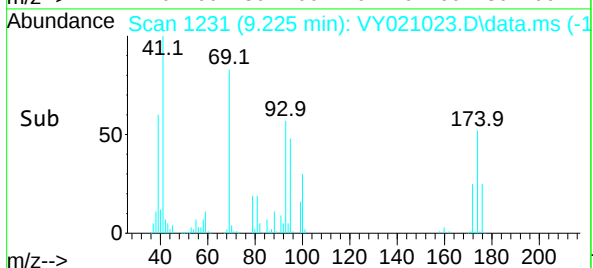
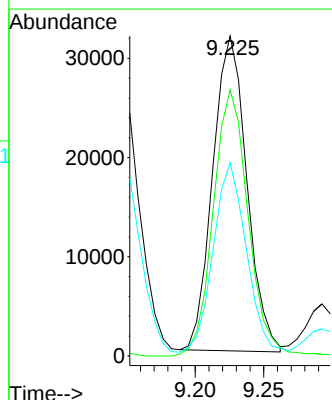
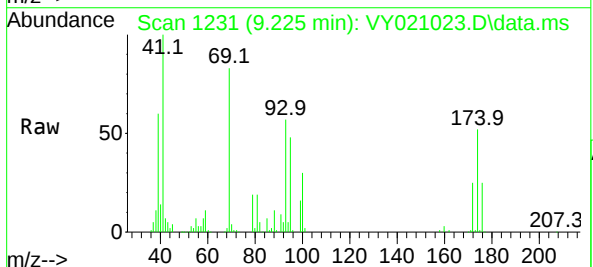
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

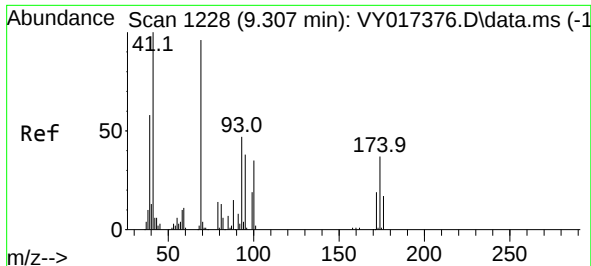
Tgt Ion: 83 Resp: 137852
Ion Ratio Lower Upper
83 100
85 64.6 49.6 74.4
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 63.113 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 41 Resp: 54848
Ion Ratio Lower Upper
41 100
69 87.0 75.6 113.4
39 58.6 41.3 61.9





#49

1,4-Dioxane

Concen: 1003.514 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

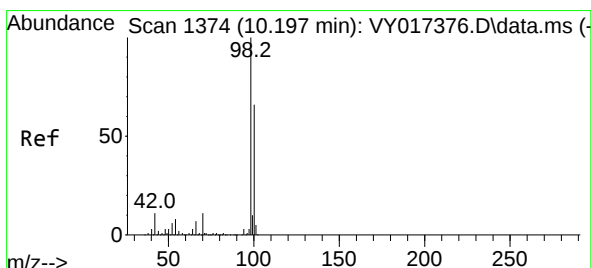
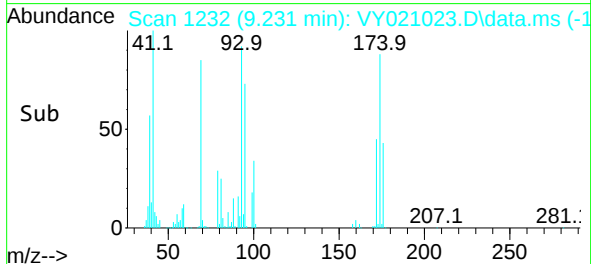
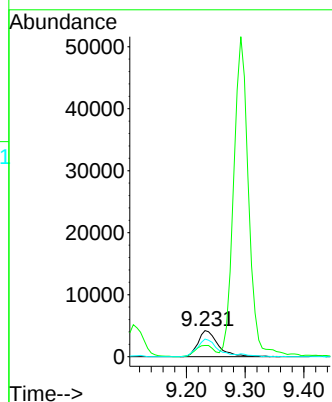
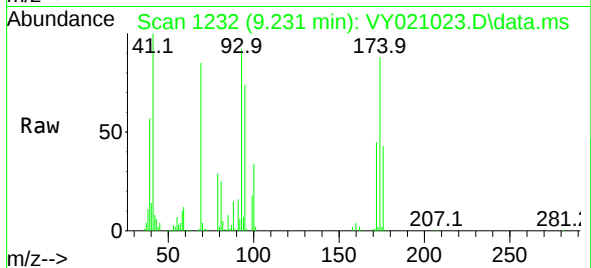
Tgt Ion: 88 Resp: 10030

Ion Ratio Lower Upper

88 100

43 40.4 24.2 36.4#

58 67.0 57.3 85.9



#50

Toluene-d8

Concen: 51.243 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.001 min

Lab File: VY021023.D

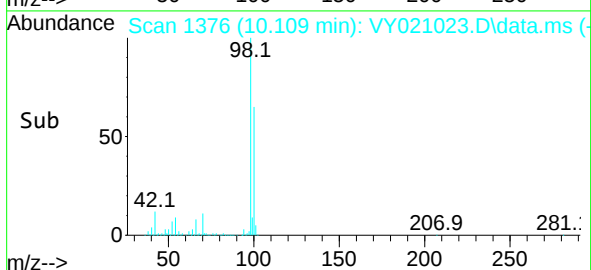
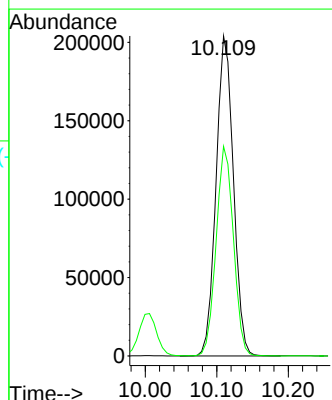
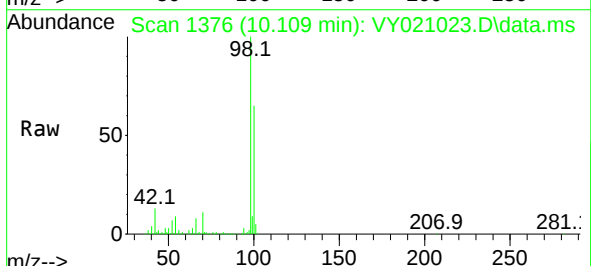
Acq: 03 Feb 2025 11:43

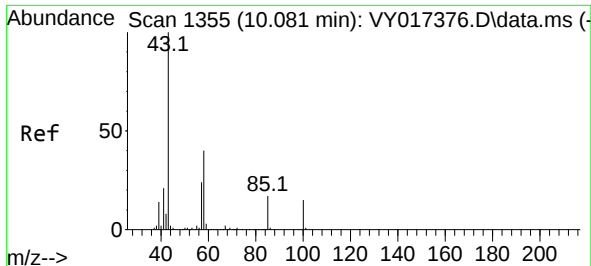
Tgt Ion: 98 Resp: 343592

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0

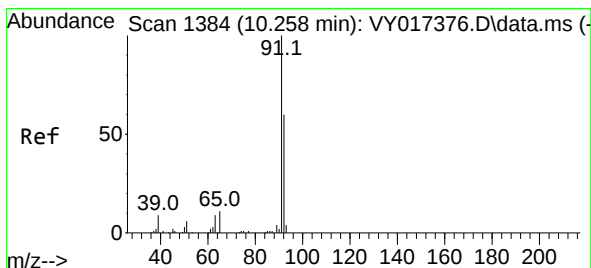
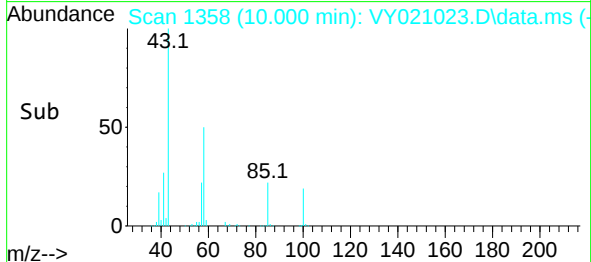
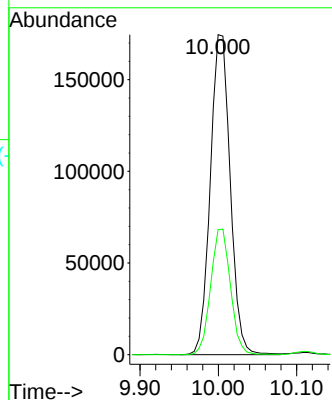
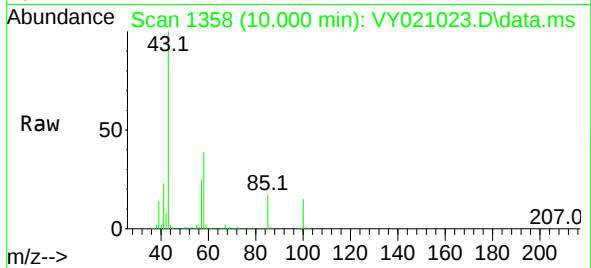




#51
4-Methyl-2-Pentanone
Concen: 329.038 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

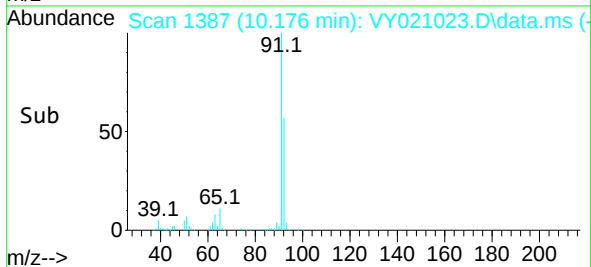
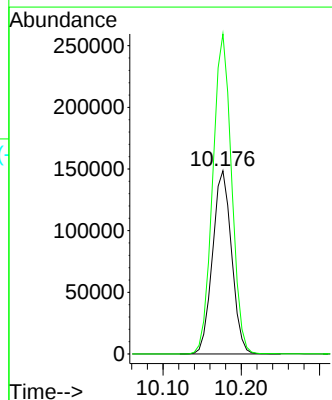
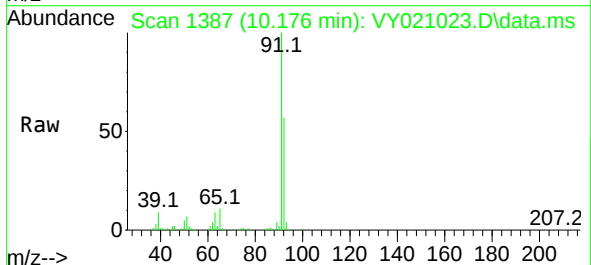
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

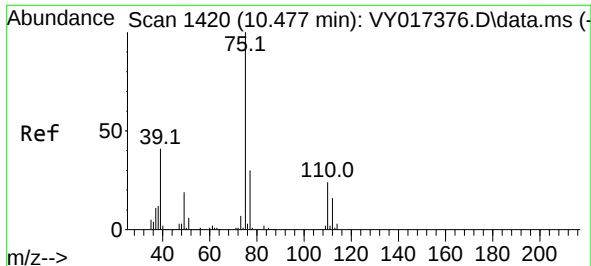
Tgt Ion: 43 Resp: 308616
Ion Ratio Lower Upper
43 100
58 39.0 33.8 50.8



#52
Toluene
Concen: 53.469 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 92 Resp: 250280
Ion Ratio Lower Upper
92 100
91 173.3 135.8 203.8

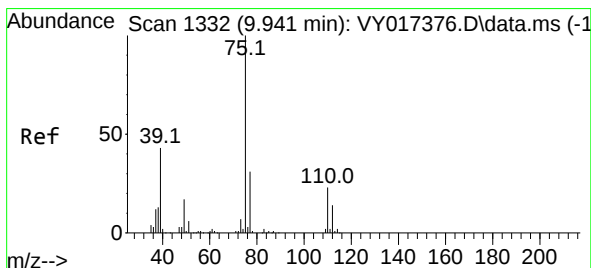
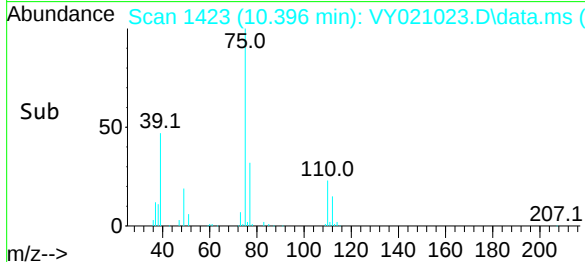
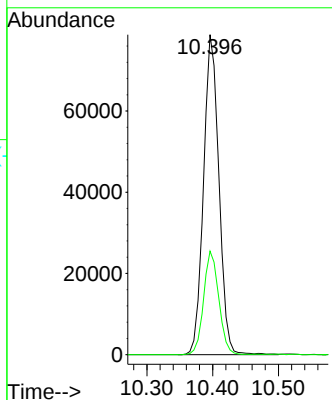
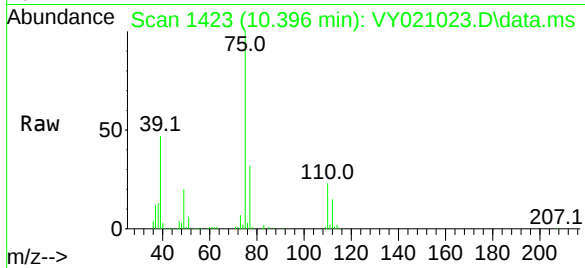




#53
 t-1,3-Dichloropropene
 Concen: 57.403 ug/l
 RT: 10.396 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY021023.D
 Acq: 03 Feb 2025 11:43

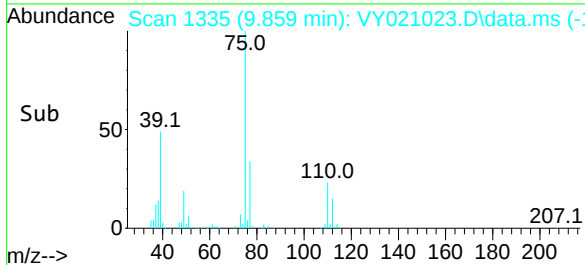
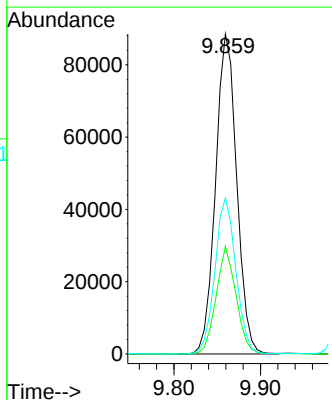
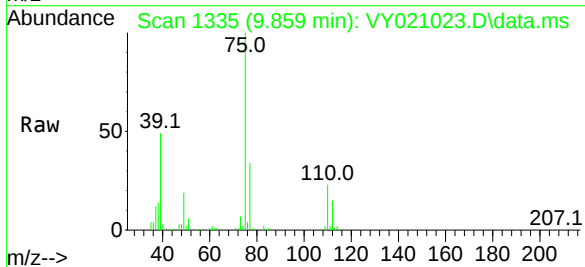
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

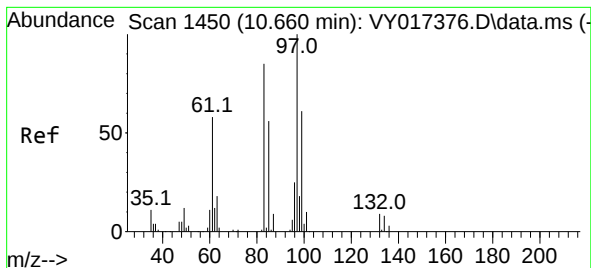
Tgt Ion: 75 Resp: 128314
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 56.133 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.001 min
 Lab File: VY021023.D
 Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 149965
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.0
 39 48.7 32.2 48.2#





#55

1,1,2-Trichloroethane

Concen: 53.761 ug/l

RT: 10.579 min Scan# 14

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 67249

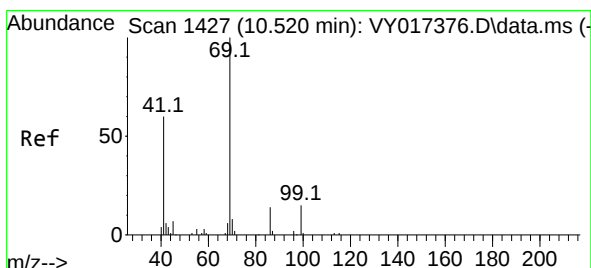
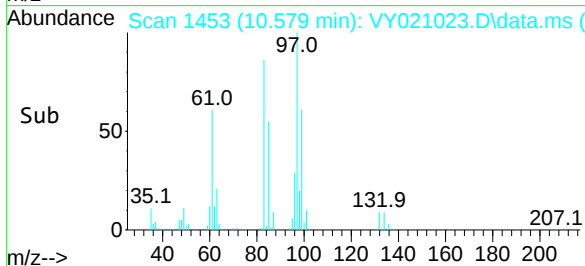
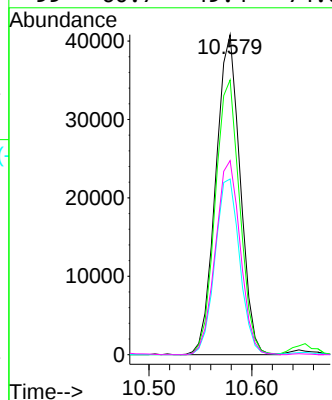
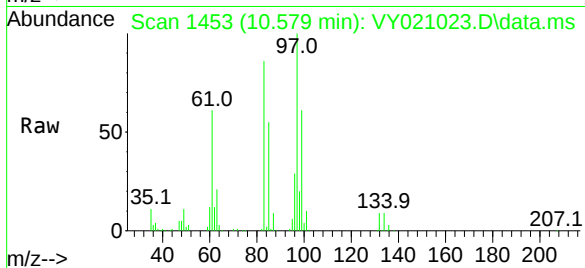
Ion Ratio Lower Upper

97 100

83 85.8 67.7 101.5

85 54.9 43.4 65.2

99 60.7 49.4 74.0



#56

Ethyl methacrylate

Concen: 59.067 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

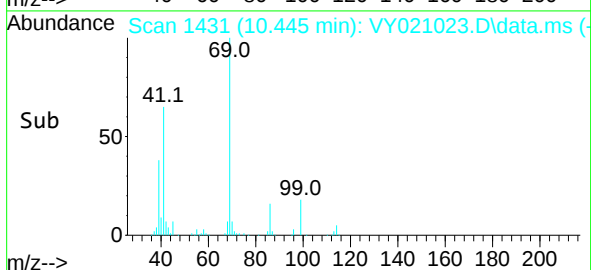
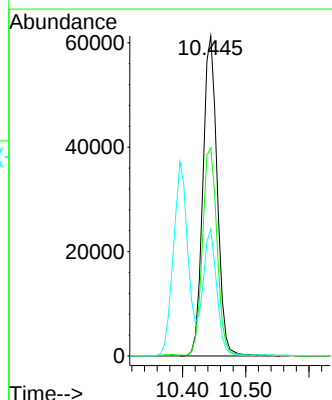
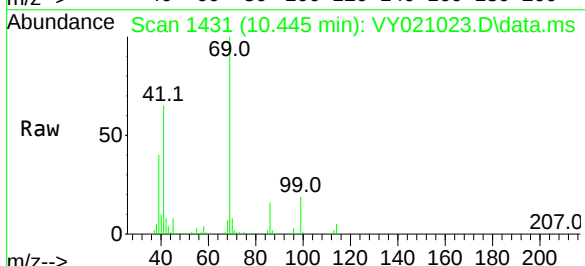
Tgt Ion: 69 Resp: 96579

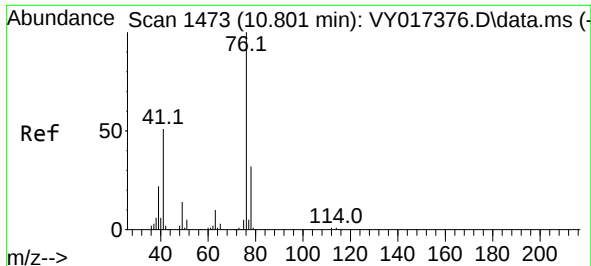
Ion Ratio Lower Upper

69 100

41 65.9 46.3 69.5

39 38.2 24.5 36.7#





#57

1,3-Dichloropropane

Concen: 55.483 ug/l

RT: 10.725 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

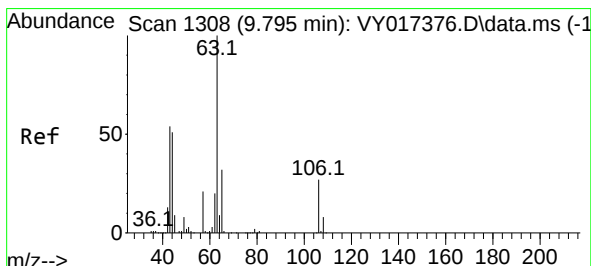
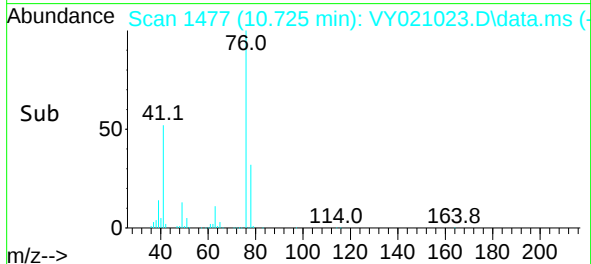
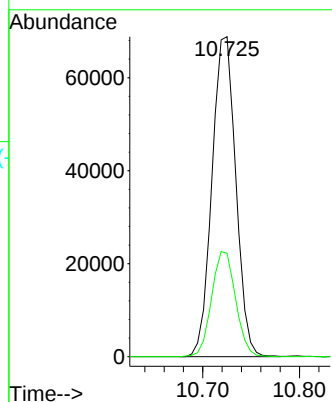
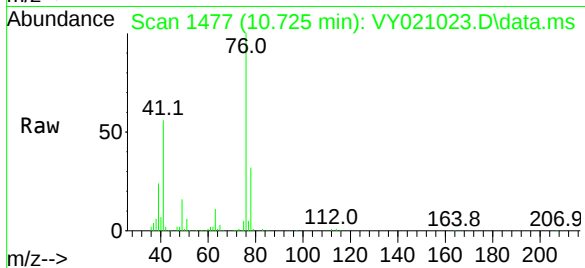
VSTDICCC050

Tgt Ion: 76 Resp: 117634

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 322.966 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.001 min

Lab File: VY021023.D

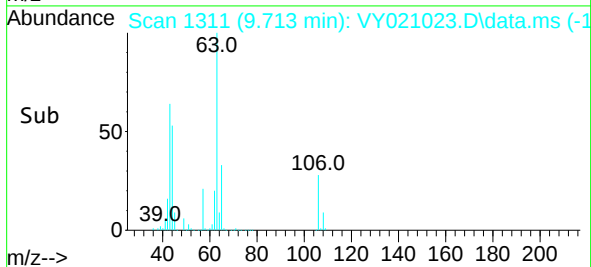
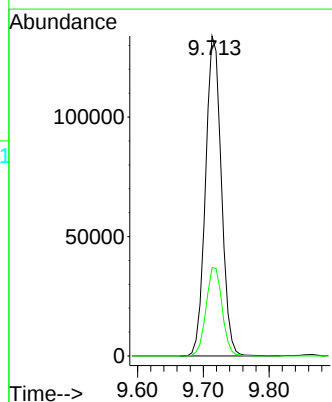
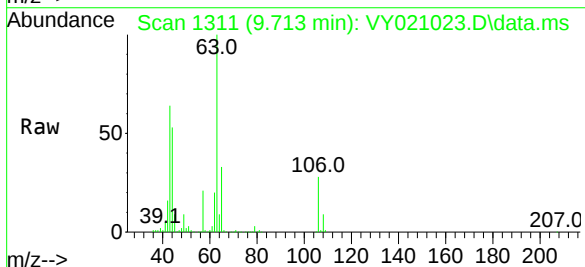
Acq: 03 Feb 2025 11:43

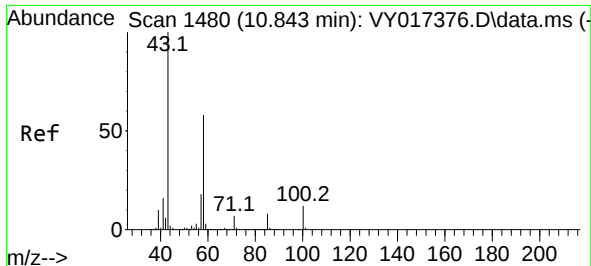
Tgt Ion: 63 Resp: 224134

Ion Ratio Lower Upper

63 100

106 28.1 24.7 37.1

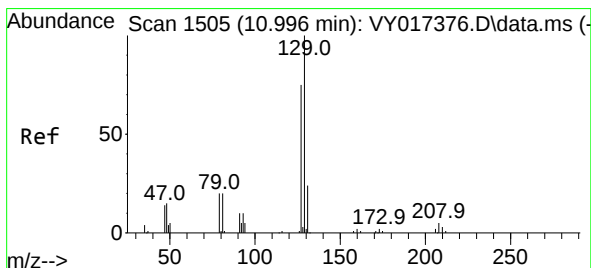
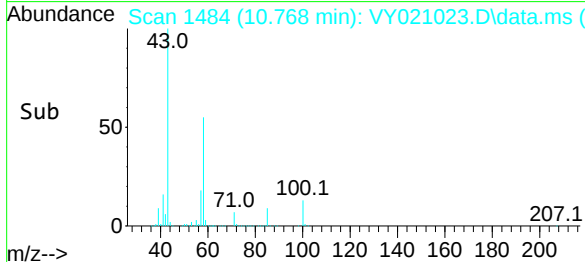
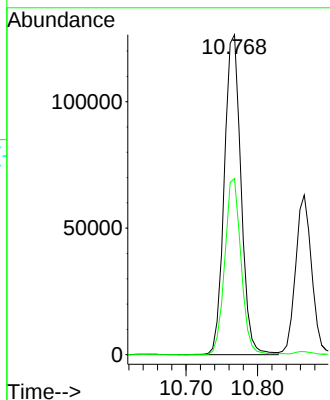
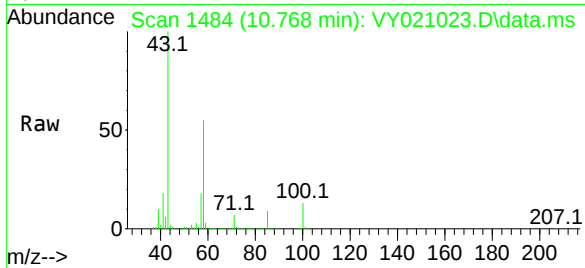




#59
2-Hexanone
Concen: 336.612 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

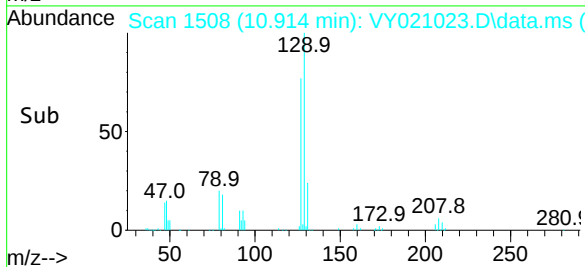
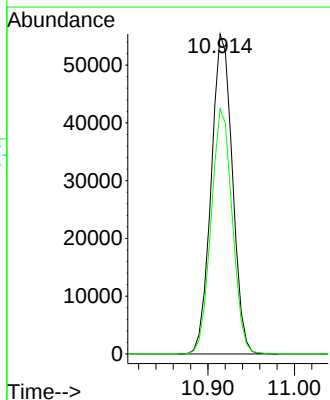
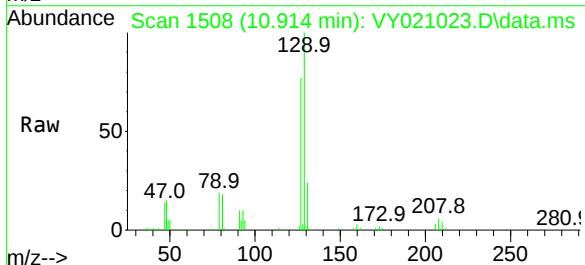
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

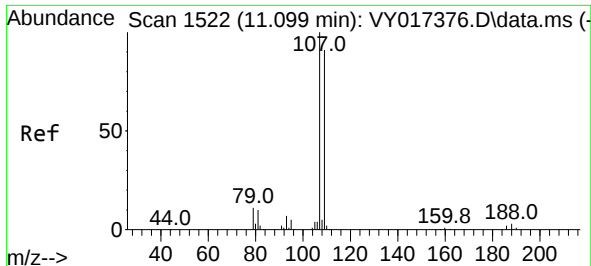
Tgt Ion: 43 Resp: 205217
Ion Ratio Lower Upper
43 100
58 53.8 29.8 89.3



#60
Dibromochloromethane
Concen: 52.680 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:129 Resp: 93957
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

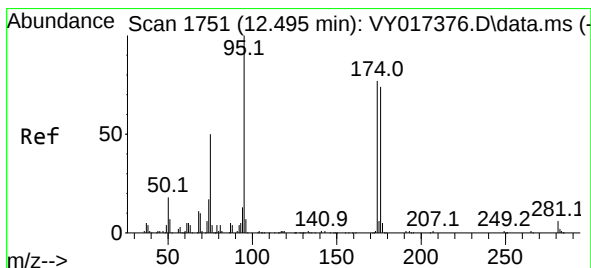
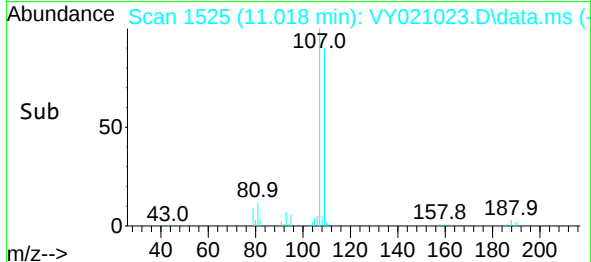
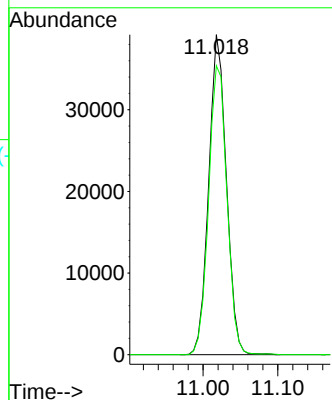
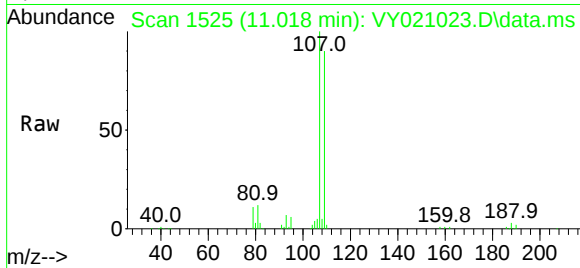




#61
1,2-Dibromoethane
Concen: 53.845 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

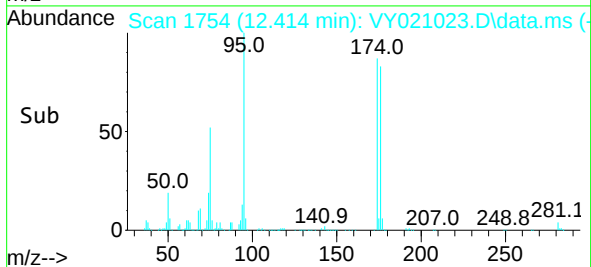
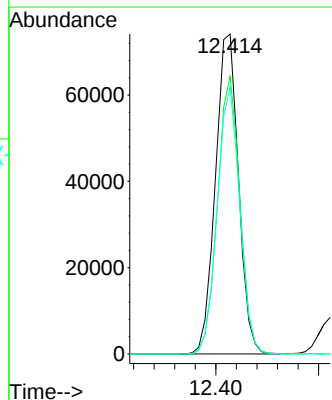
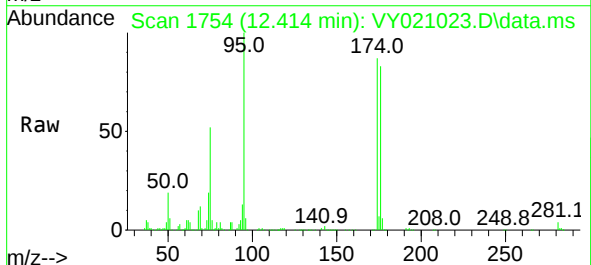
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

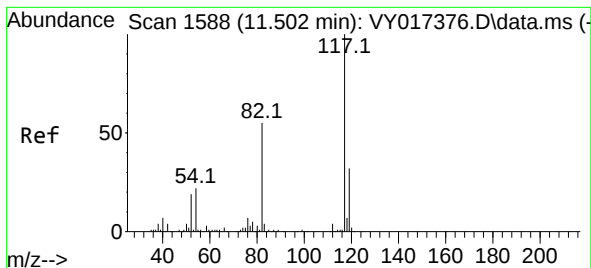
Tgt Ion:107 Resp: 64333
Ion Ratio Lower Upper
107 100
109 93.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.200 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 95 Resp: 115197
Ion Ratio Lower Upper
95 100
174 84.2 0.0 181.2
176 81.5 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

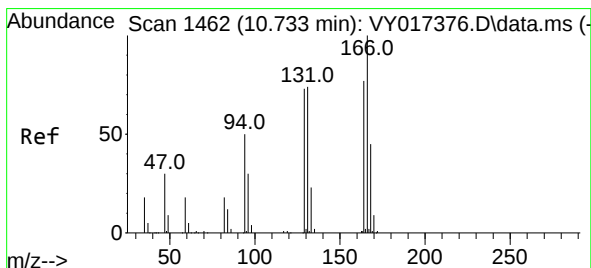
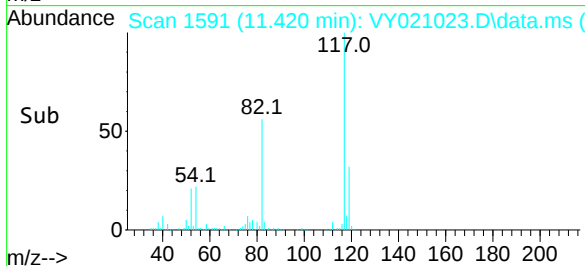
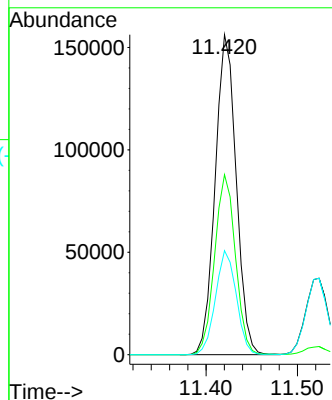
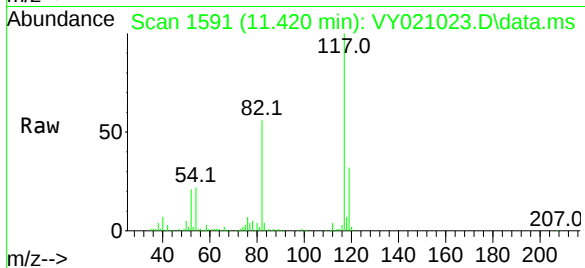
Tgt Ion:117 Resp: 250150

Ion Ratio Lower Upper

117 100

82 56.3 44.2 66.2

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 47.817 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Tgt Ion:164 Resp: 90228

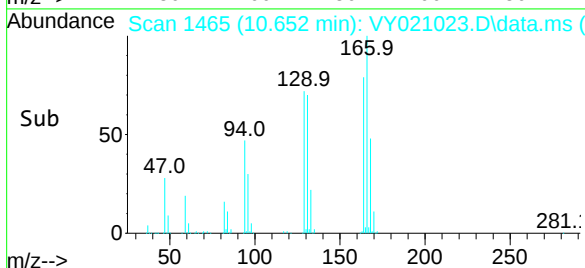
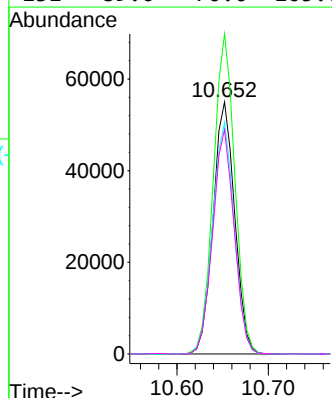
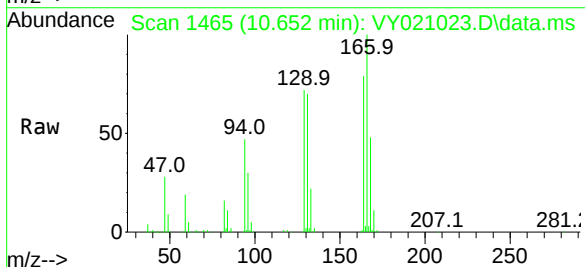
Ion Ratio Lower Upper

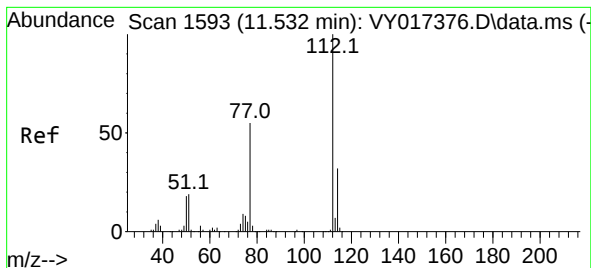
164 100

166 127.0 100.4 150.6

129 91.8 70.8 106.2

131 89.0 70.0 105.0





#65

Chlorobenzene

Concen: 51.263 ug/l

RT: 11.445 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

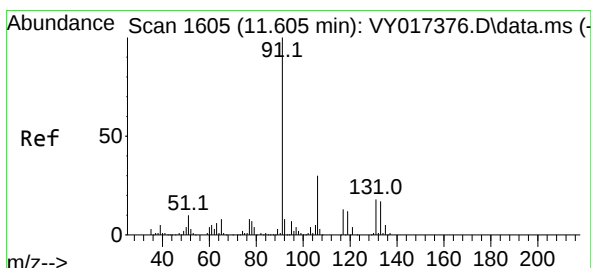
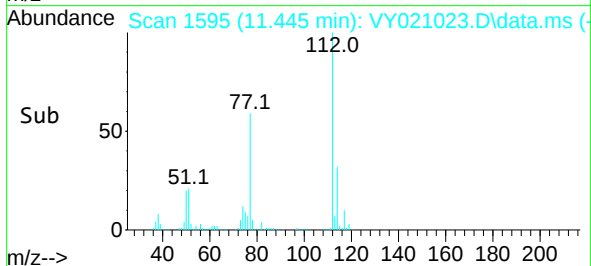
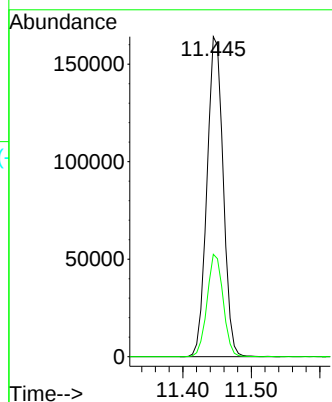
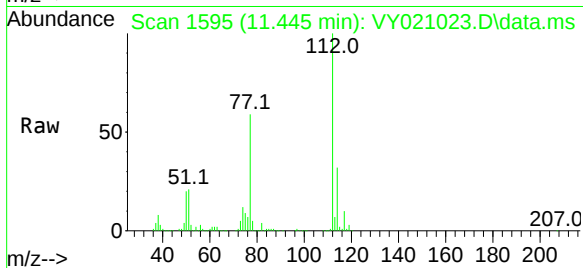
VSTDICCC050

Tgt Ion:112 Resp: 270176

Ion Ratio Lower Upper

112 100

114 32.0 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.137 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

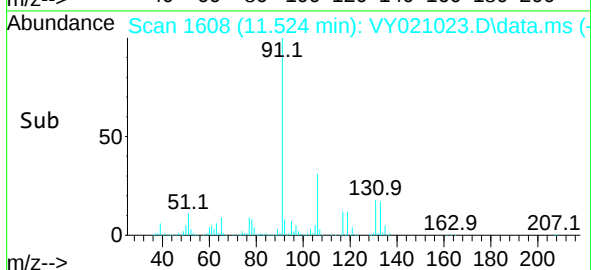
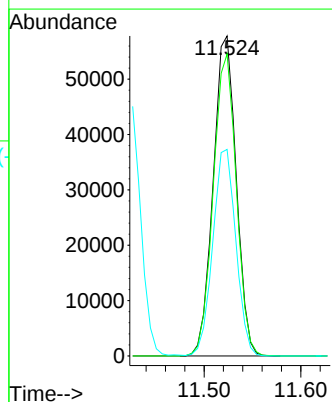
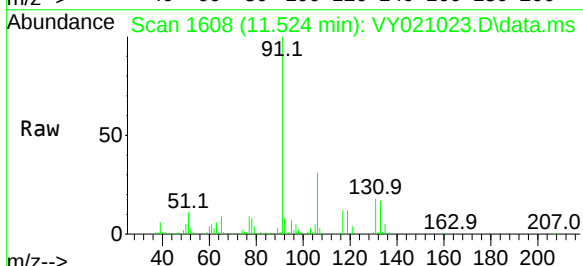
Tgt Ion:131 Resp: 95653

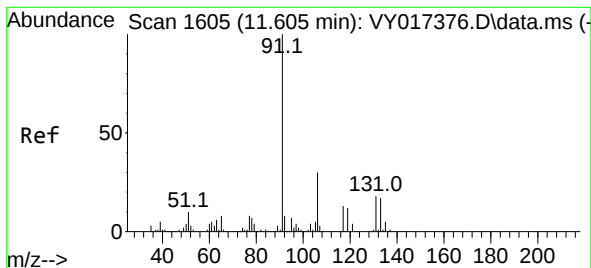
Ion Ratio Lower Upper

131 100

133 94.4 48.7 146.1

119 64.7 31.4 94.3





#67

Ethyl Benzene

Concen: 53.265 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

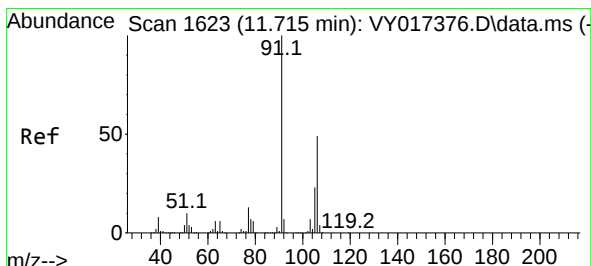
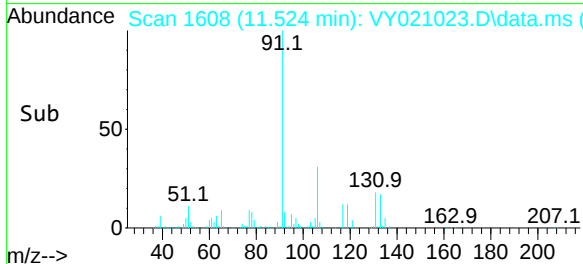
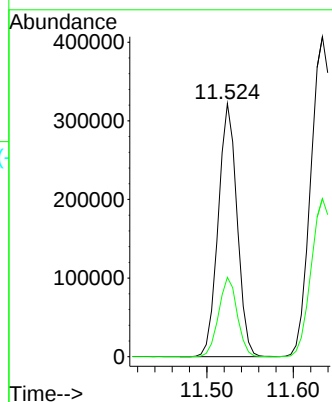
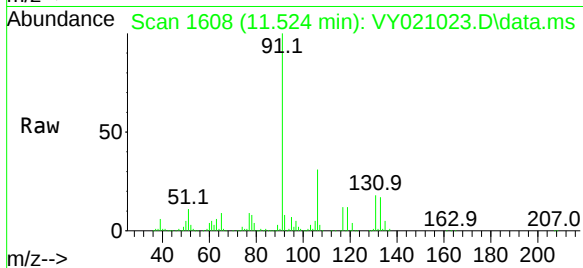
VSTDICCC050

Tgt Ion: 91 Resp: 486059

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 104.538 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021023.D

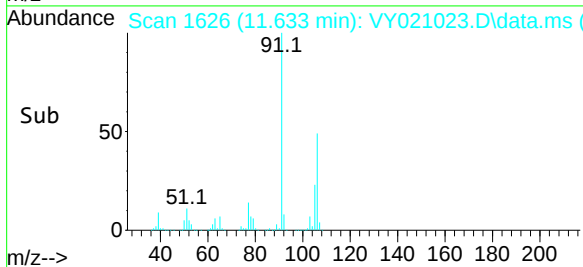
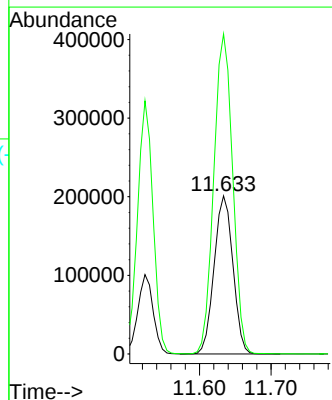
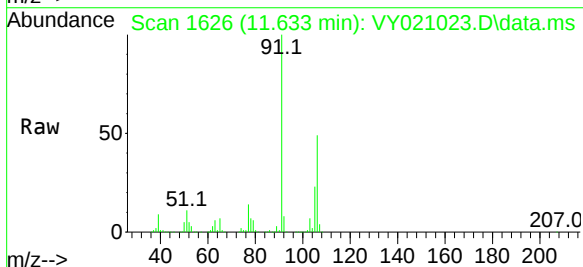
Acq: 03 Feb 2025 11:43

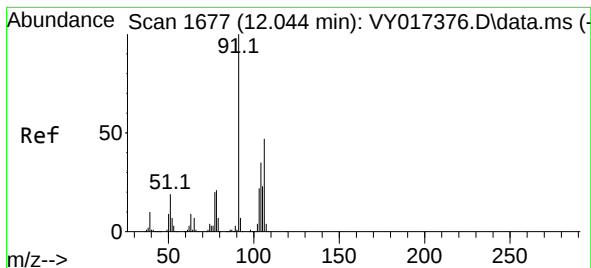
Tgt Ion:106 Resp: 366509

Ion Ratio Lower Upper

106 100

91 203.4 160.0 240.0

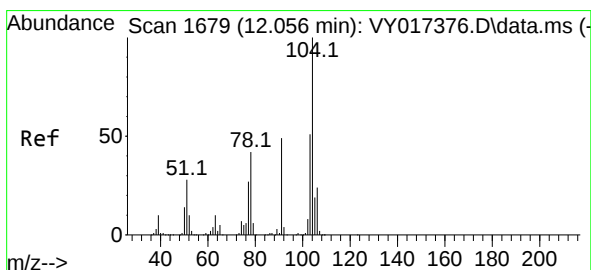
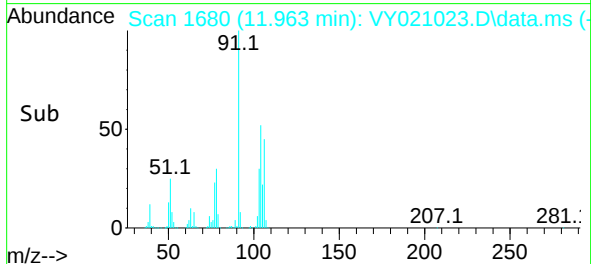
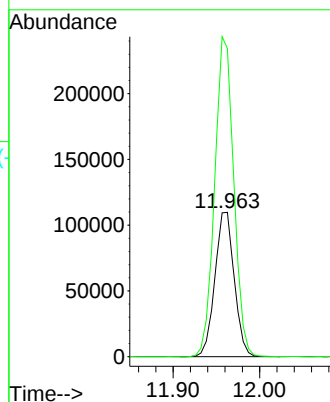
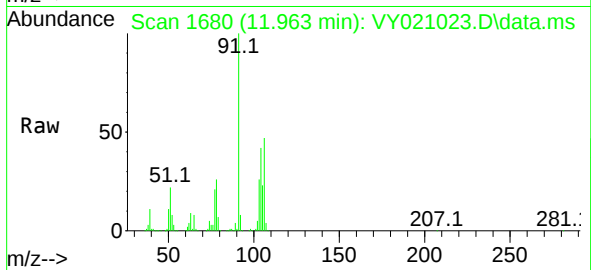




#69
o-Xylene
Concen: 52.229 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

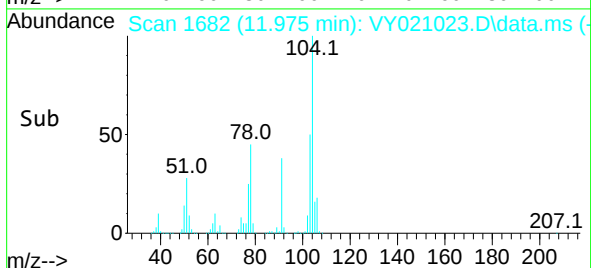
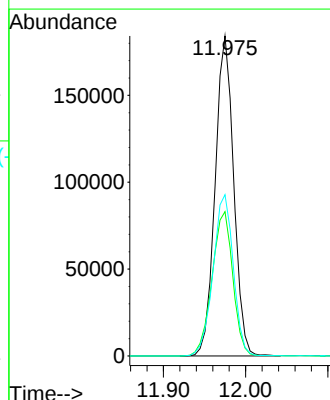
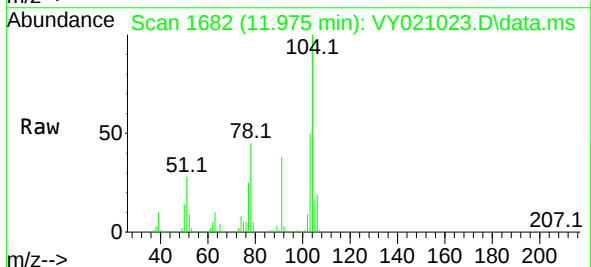
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

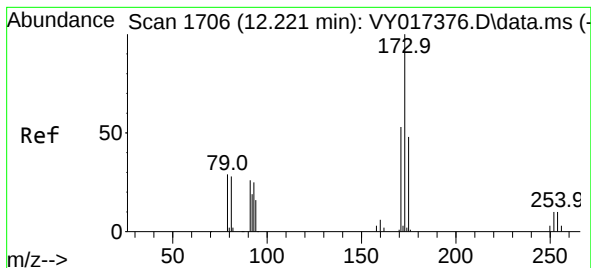
Tgt Ion:106 Resp: 170229
Ion Ratio Lower Upper
106 100
91 218.8 105.8 317.6



#70
Styrene
Concen: 53.426 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:104 Resp: 289102
Ion Ratio Lower Upper
104 100
78 50.6 39.0 58.4
103 55.0 43.7 65.5





#71

Bromoform

Concen: 49.101 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

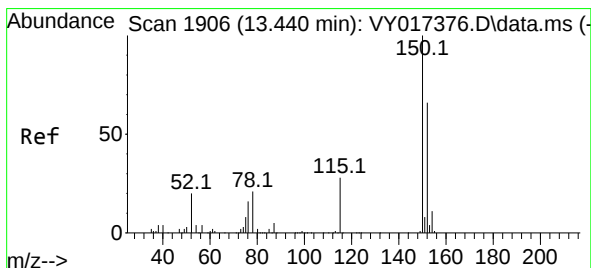
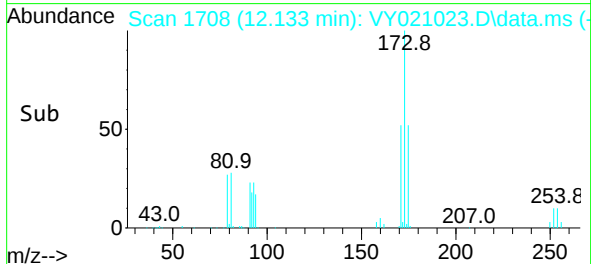
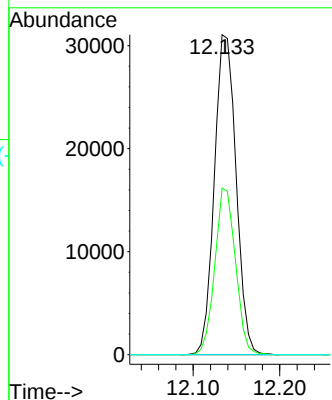
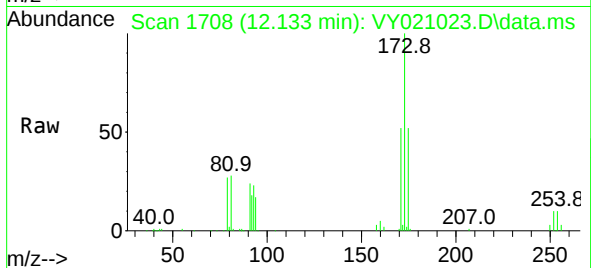
Tgt Ion:173 Resp: 54130

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

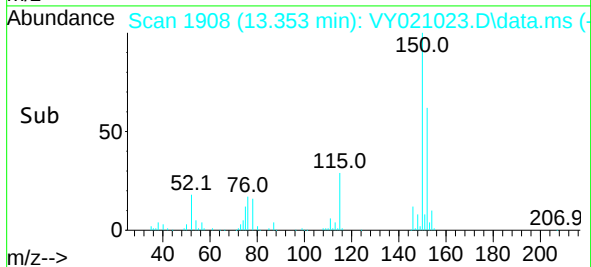
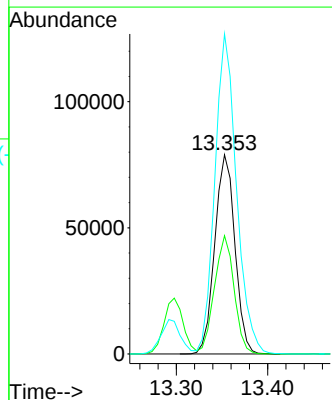
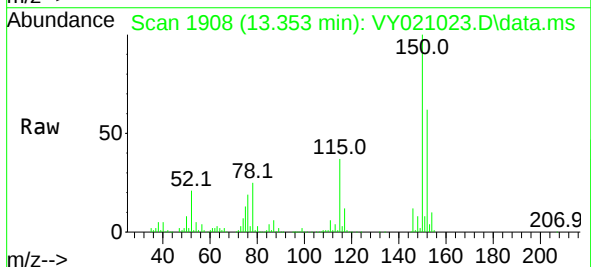
Tgt Ion:152 Resp: 121069

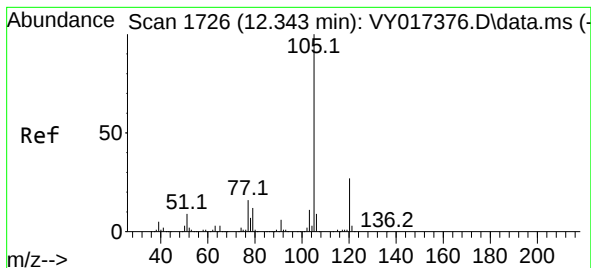
Ion Ratio Lower Upper

152 100

115 57.9 28.4 85.2

150 172.6 0.0 342.8





#73

Isopropylbenzene

Concen: 54.240 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

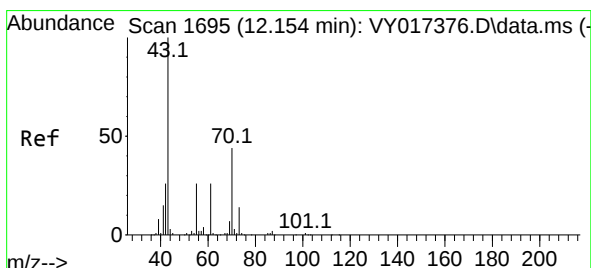
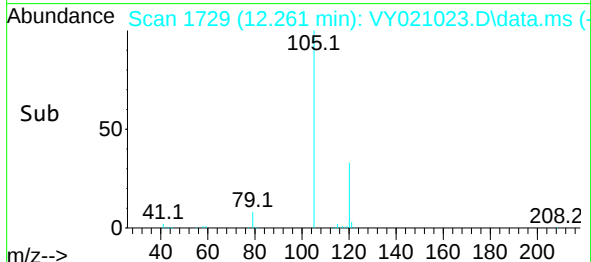
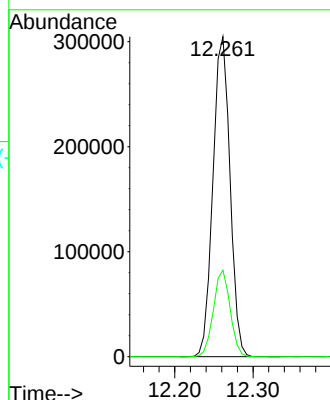
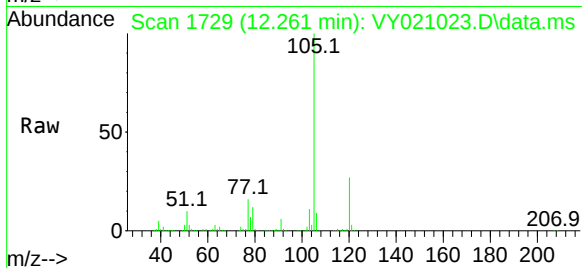
VSTDICCC050

Tgt Ion:105 Resp: 461198

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-amy1 acetate

Concen: 69.346 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Tgt Ion: 43 Resp: 107371

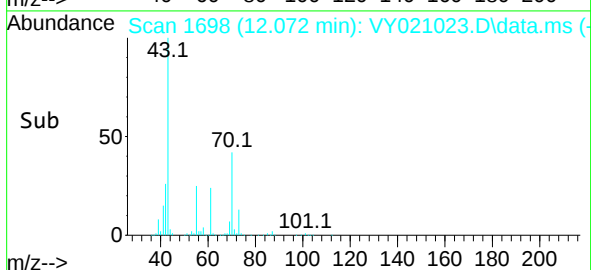
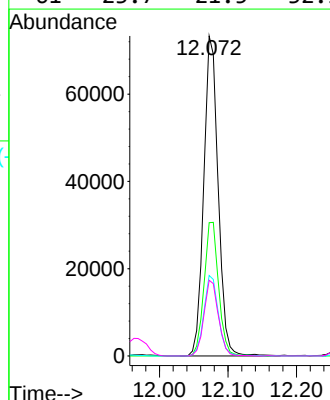
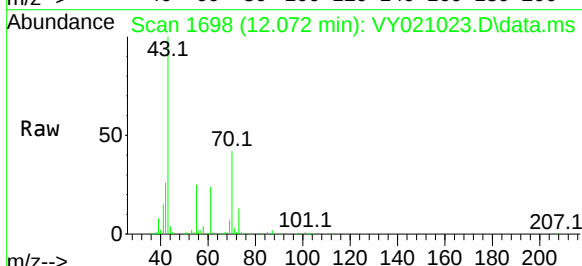
Ion Ratio Lower Upper

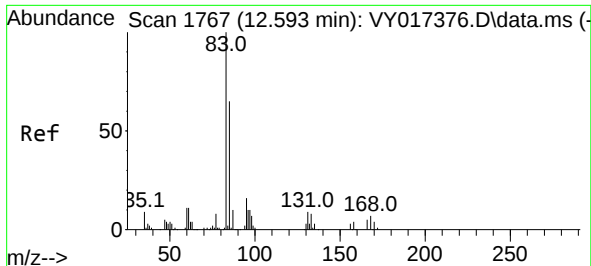
43 100

70 42.3 39.3 58.9

55 25.3 22.3 33.5

61 23.7 21.5 32.3

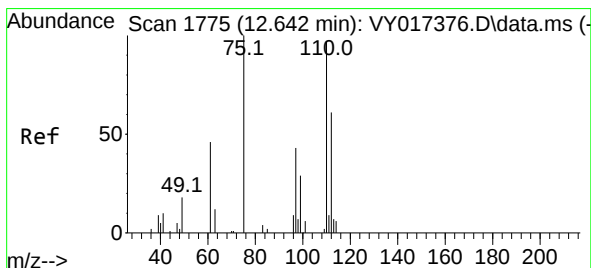
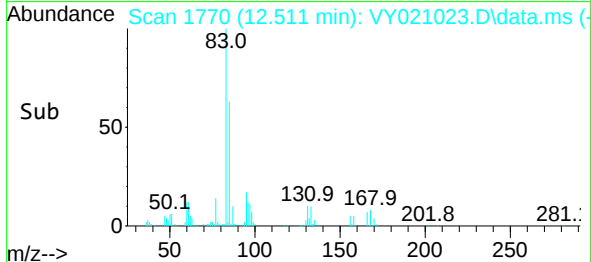
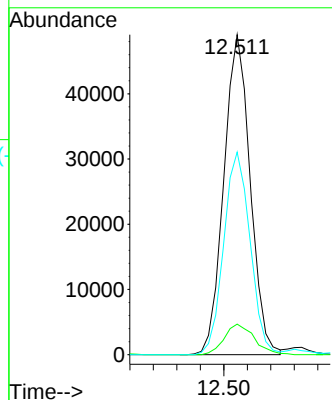
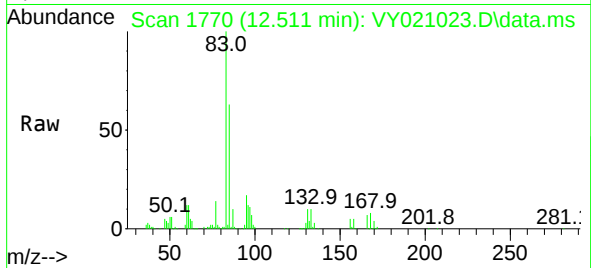




#75
1,1,2,2-Tetrachloroethane
Concen: 55.736 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

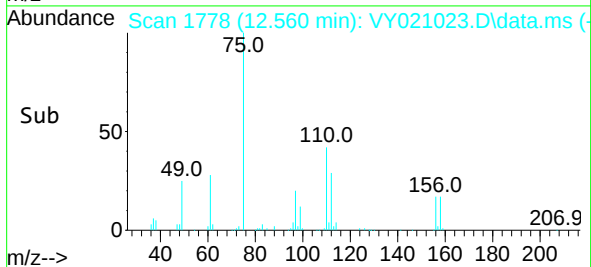
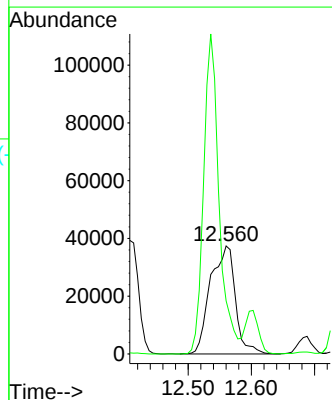
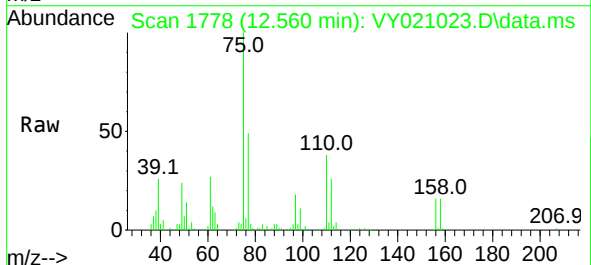
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

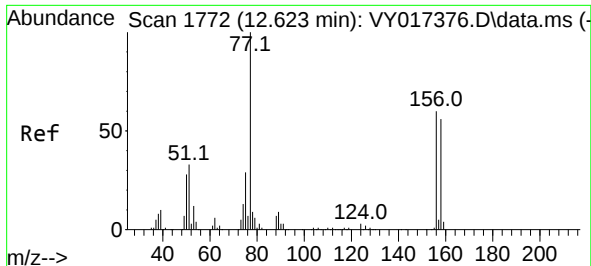
Tgt Ion: 83 Resp: 76500
Ion Ratio Lower Upper
83 100
131 10.9 5.7 17.1
85 63.4 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 106.739 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 75 Resp: 102300
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

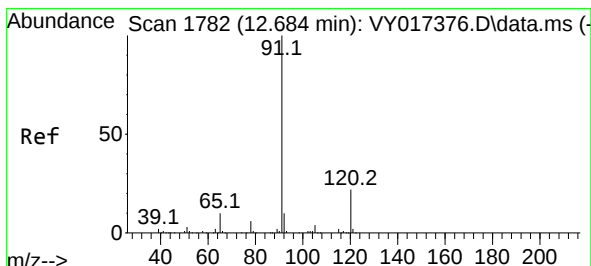
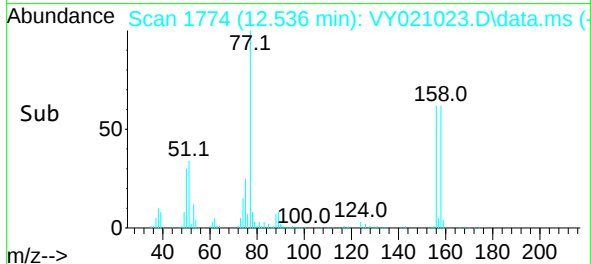
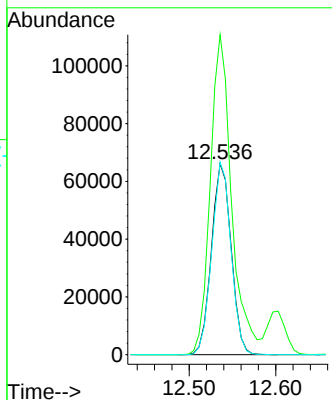
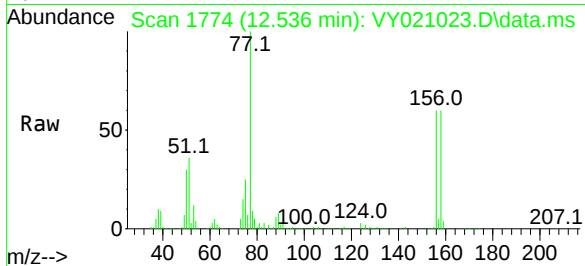




#77
Bromobenzene
Concen: 51.889 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

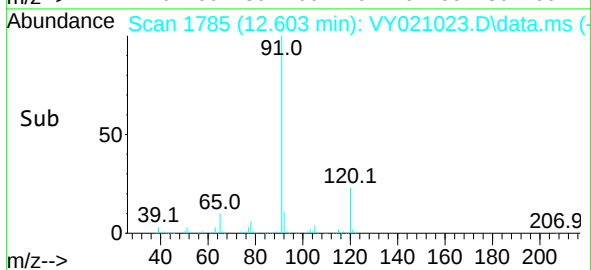
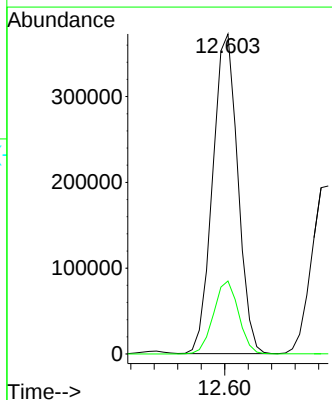
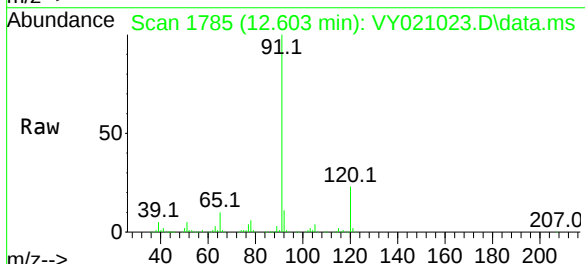
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

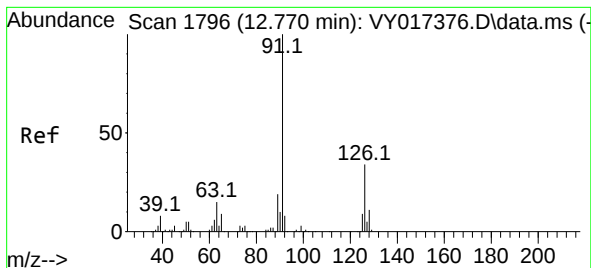
Tgt Ion:156 Resp: 104605
Ion Ratio Lower Upper
156 100
77 180.1 83.3 249.9
158 97.9 48.3 144.9



#78
n-propylbenzene
Concen: 55.653 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 554600
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4





#79

2-Chlorotoluene

Concen: 55.113 ug/l

RT: 12.688 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

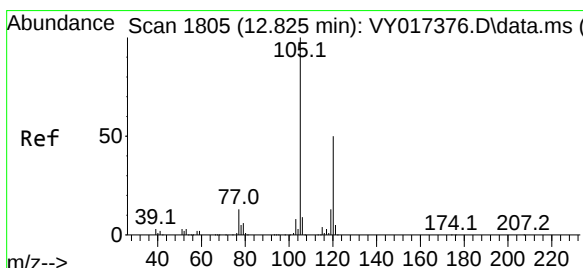
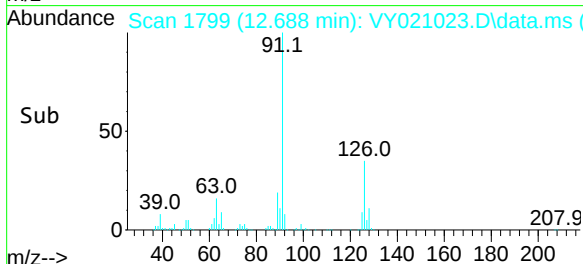
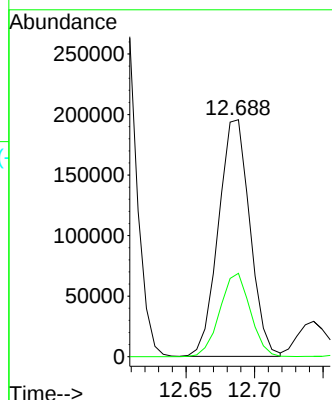
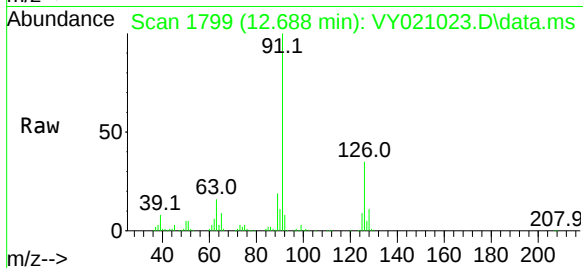
VSTDICCC050

Tgt Ion: 91 Resp: 312917

Ion Ratio Lower Upper

91 100

126 34.0 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 54.032 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.001 min

Lab File: VY021023.D

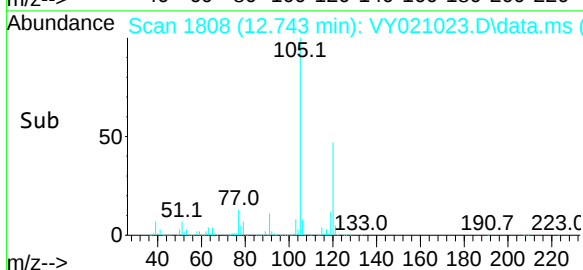
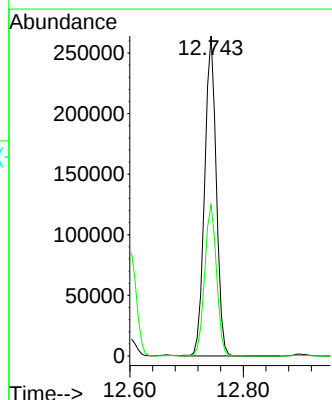
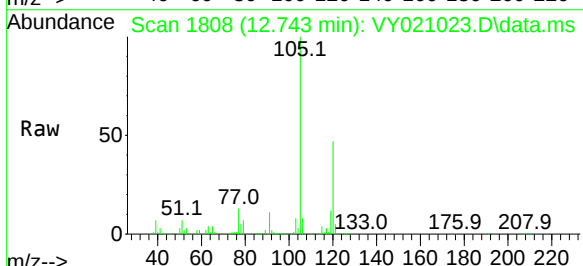
Acq: 03 Feb 2025 11:43

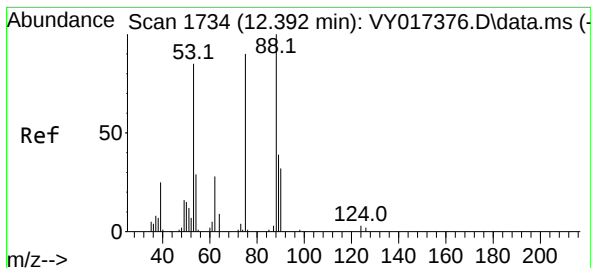
Tgt Ion:105 Resp: 376397

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.9

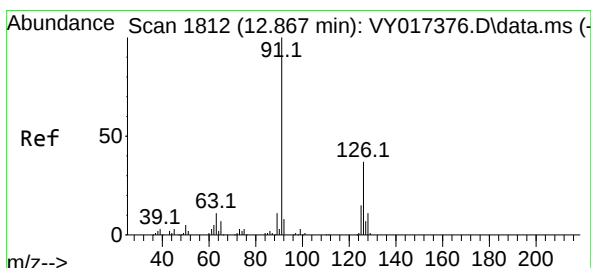
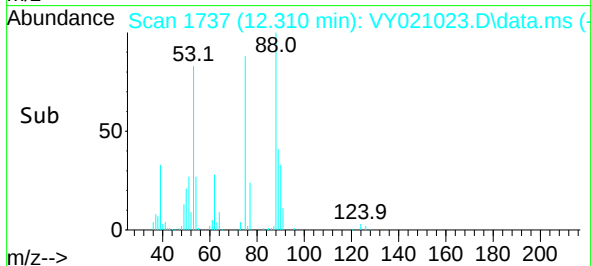
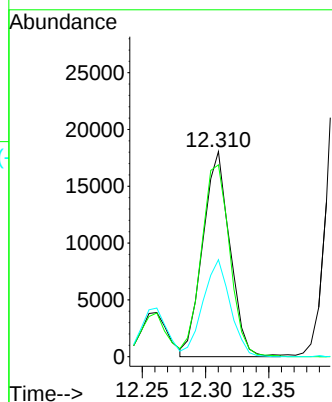
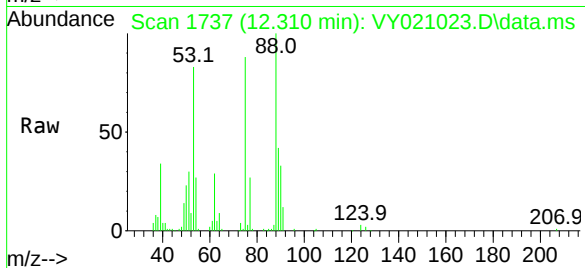




#81
trans-1,4-Dichloro-2-butene
Concen: 58.386 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

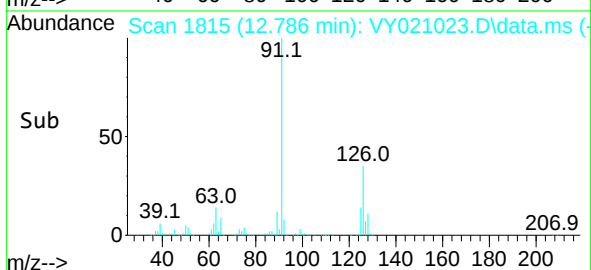
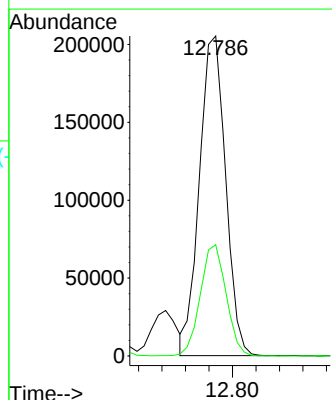
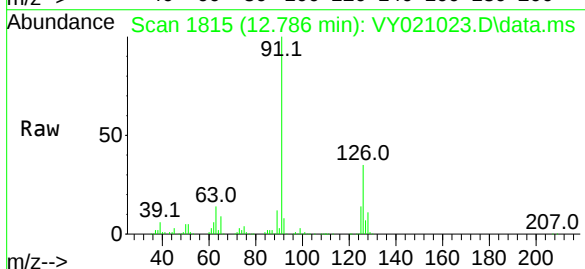
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

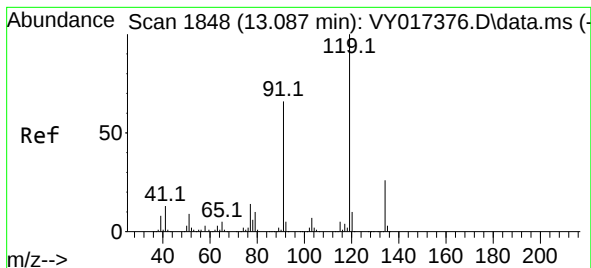
Tgt Ion: 75 Resp: 26957
Ion Ratio Lower Upper
75 100
53 97.9 68.6 103.0
89 47.7 38.1 57.1



#82
4-Chlorotoluene
Concen: 54.527 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 91 Resp: 316855
Ion Ratio Lower Upper
91 100
126 34.4 17.3 52.0





#83

tert-Butylbenzene

Concen: 53.757 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

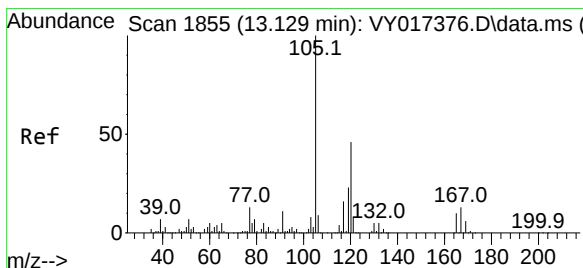
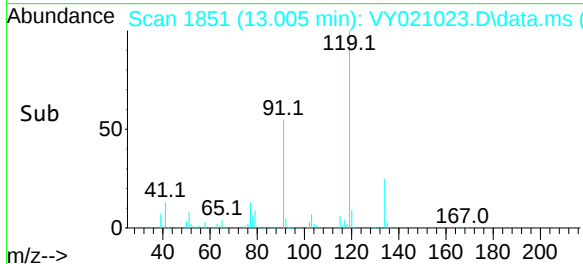
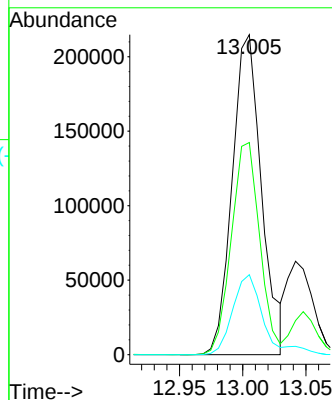
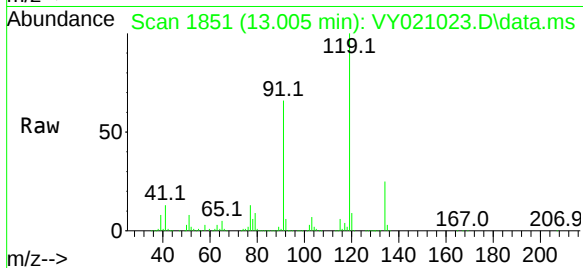
Tgt Ion:119 Resp: 347315

Ion Ratio Lower Upper

119 100

91 64.3 31.4 94.0

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 54.433 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.001 min

Lab File: VY021023.D

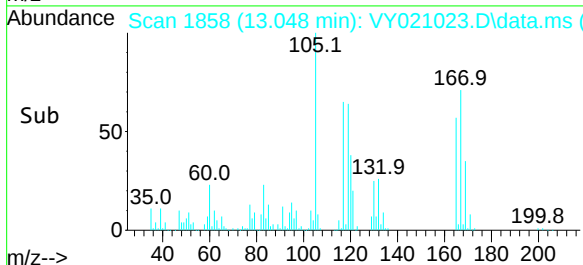
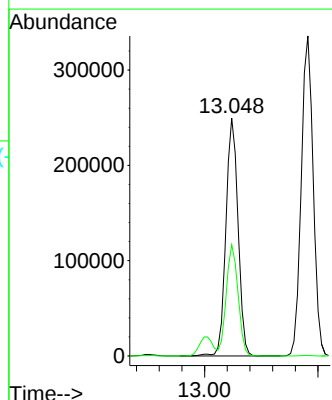
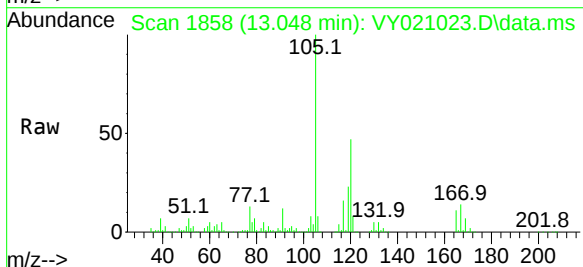
Acq: 03 Feb 2025 11:43

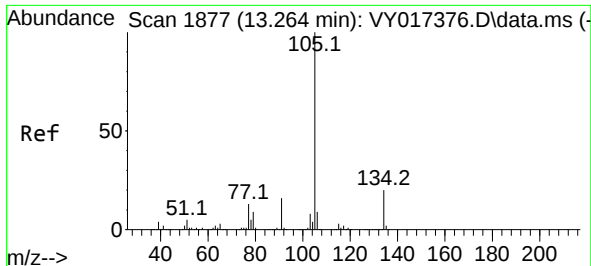
Tgt Ion:105 Resp: 370408

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.0

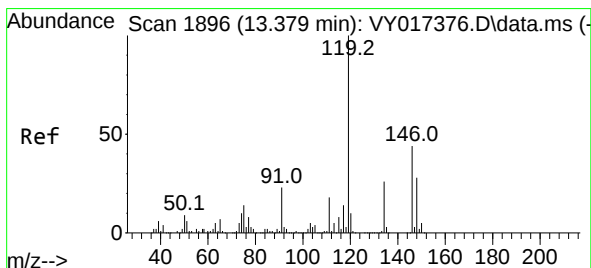
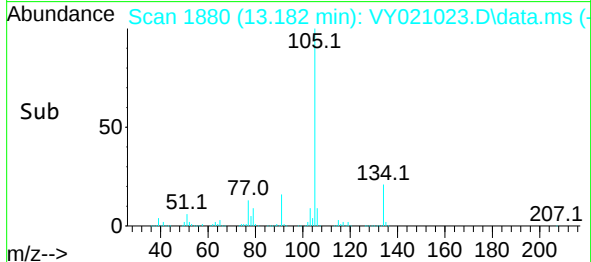
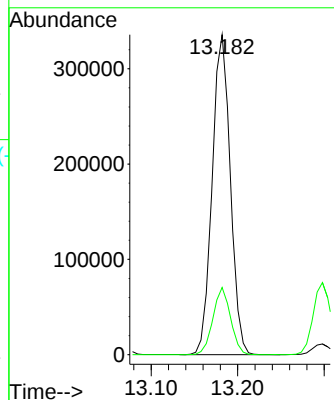
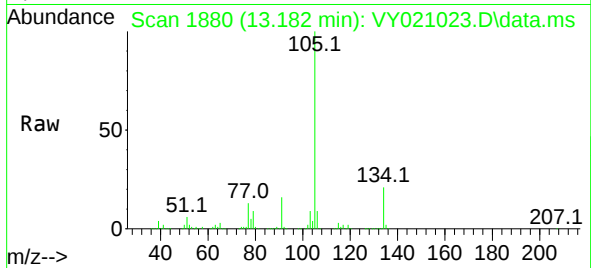




#85
 sec-Butylbenzene
 Concen: 53.440 ug/l
 RT: 13.182 min Scan# 1877
 Delta R.T. 0.001 min
 Lab File: VY021023.D
 Acq: 03 Feb 2025 11:43

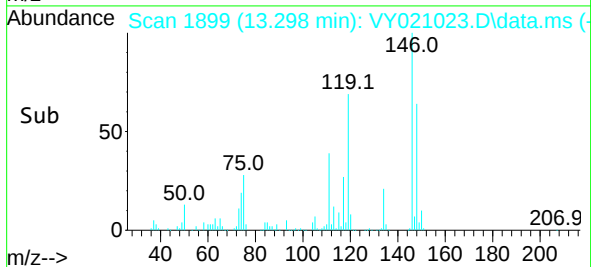
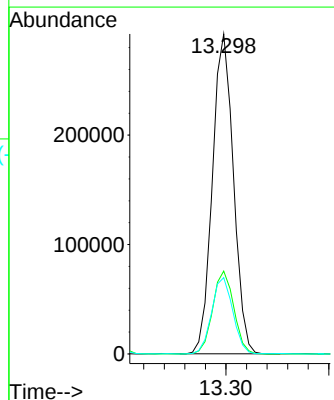
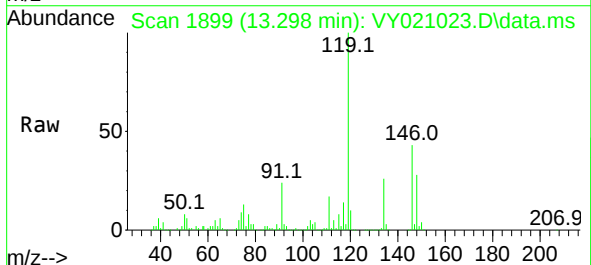
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

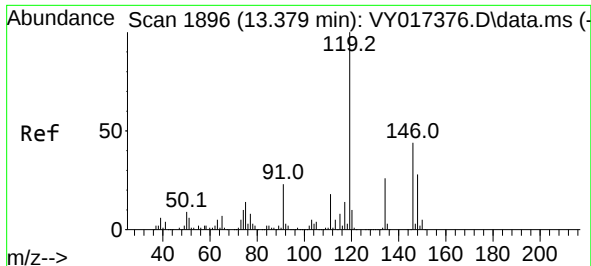
Tgt Ion:105 Resp: 488820
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 53.878 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY021023.D
 Acq: 03 Feb 2025 11:43

Tgt Ion:119 Resp: 414156
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 24.1 11.5 34.5

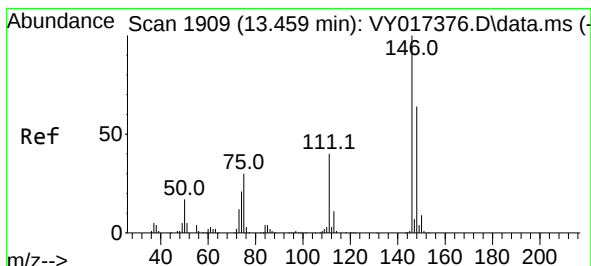
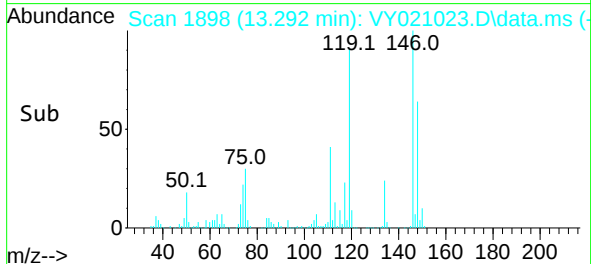
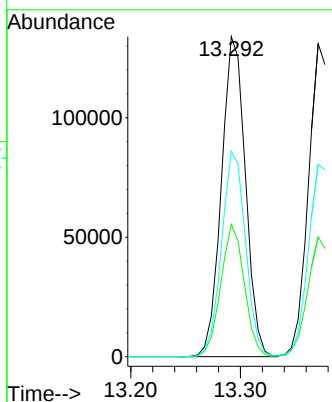
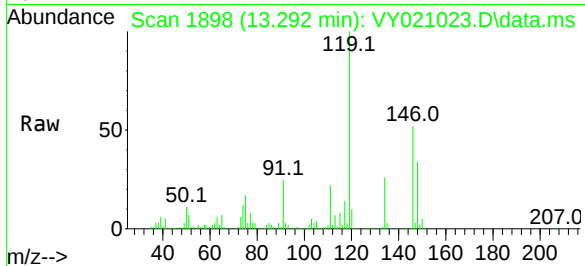




#87
1,3-Dichlorobenzene
Concen: 51.839 ug/l
RT: 13.292 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

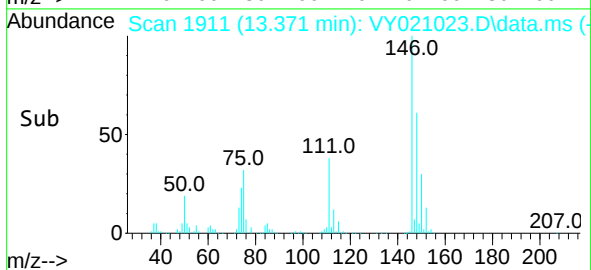
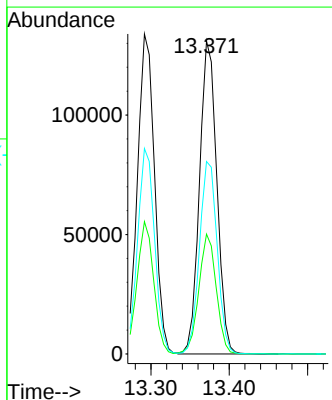
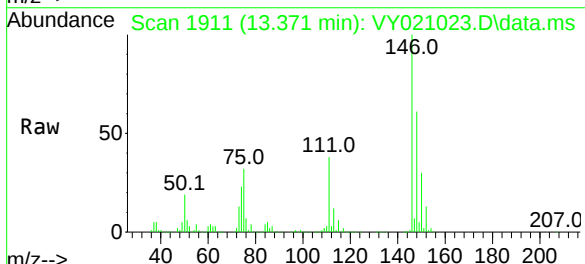
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

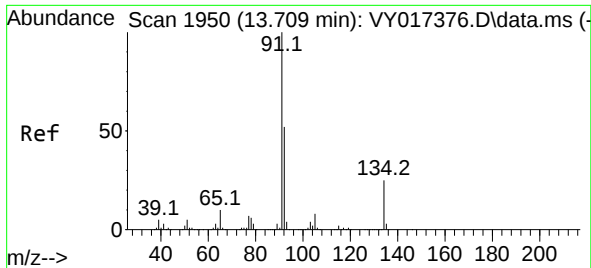
Tgt Ion:146 Resp: 203767
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.1
148 64.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 51.631 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion:146 Resp: 201529
Ion Ratio Lower Upper
146 100
111 38.4 19.0 57.0
148 63.1 31.6 95.0

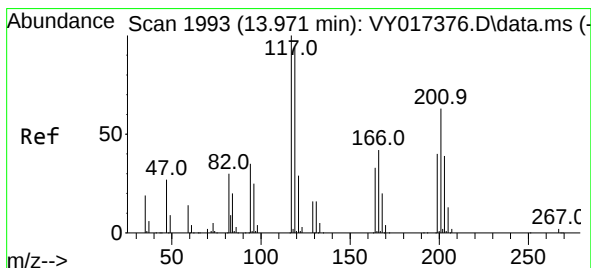
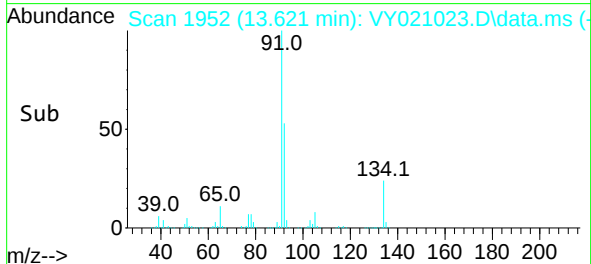
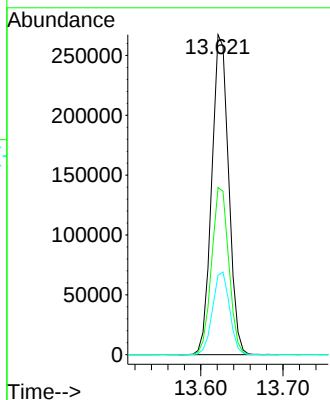
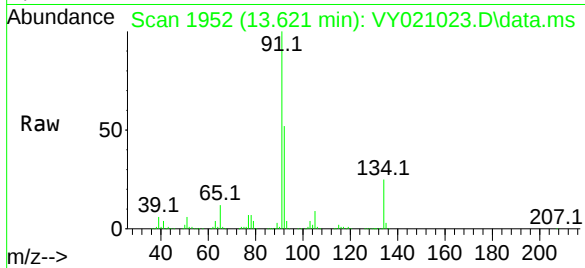




#89
n-Butylbenzene
Concen: 55.439 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.001 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

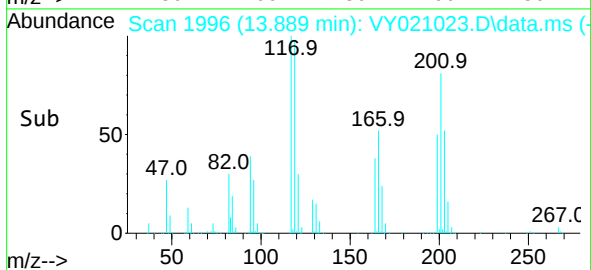
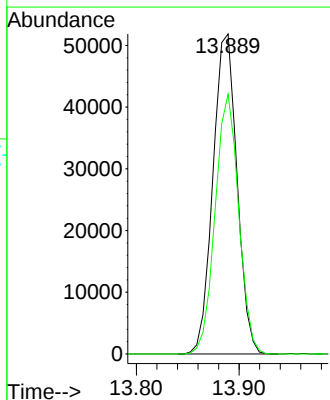
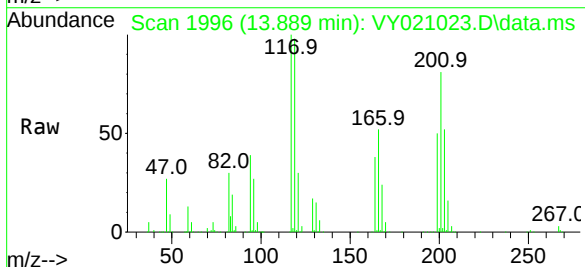
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

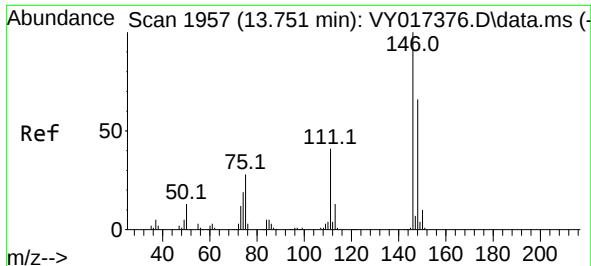
Tgt Ion: 91 Resp: 381707
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 26.1 13.7 41.1



#90
Hexachloroethane
Concen: 54.167 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.007 min
Lab File: VY021023.D
Acq: 03 Feb 2025 11:43

Tgt Ion: 117 Resp: 84237
Ion Ratio Lower Upper
117 100
201 79.2 42.5 127.5





#91

1,2-Dichlorobenzene

Concen: 51.554 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

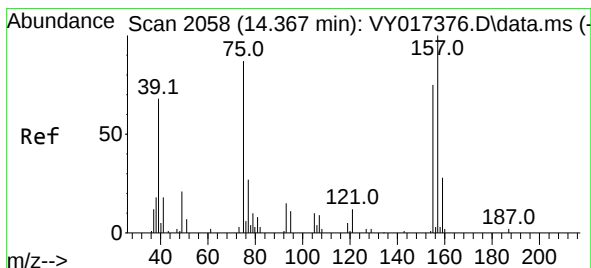
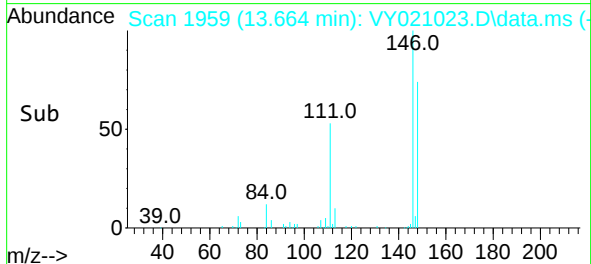
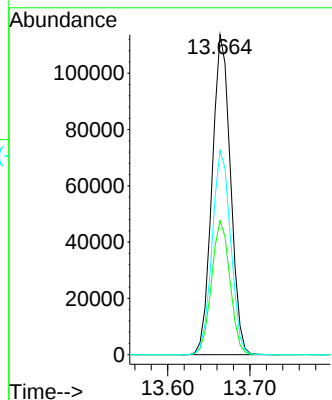
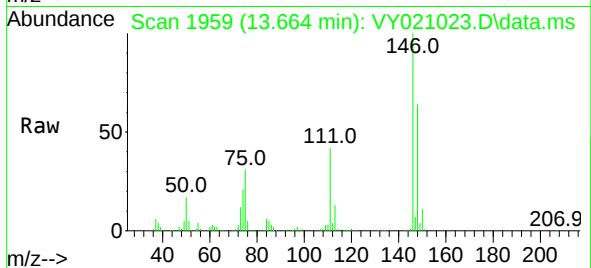
Tgt Ion:146 Resp: 176718

Ion Ratio Lower Upper

146 100

111 42.0 20.3 60.8

148 64.4 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.445 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

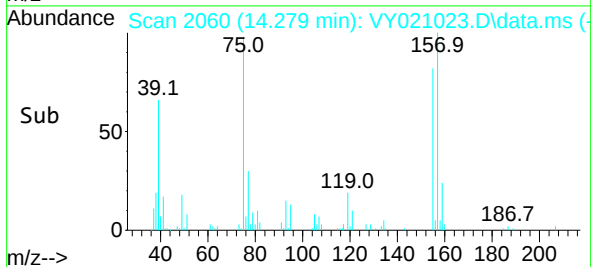
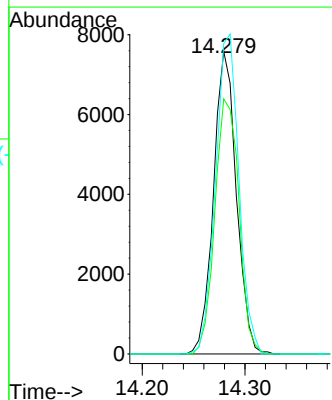
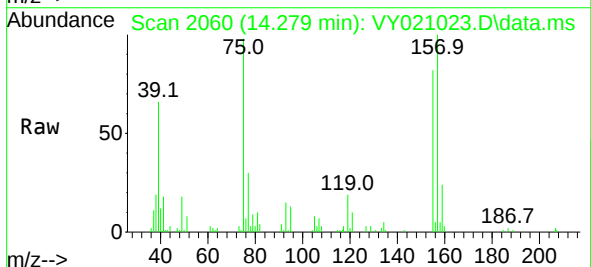
Tgt Ion: 75 Resp: 11716

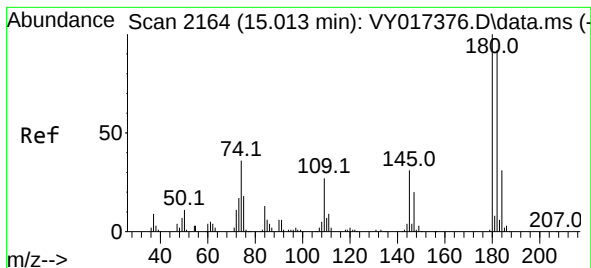
Ion Ratio Lower Upper

75 100

155 88.6 45.9 137.6

157 107.6 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 50.473 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

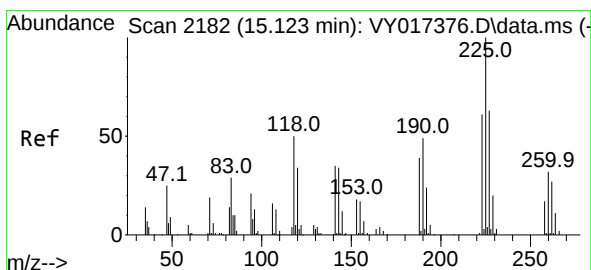
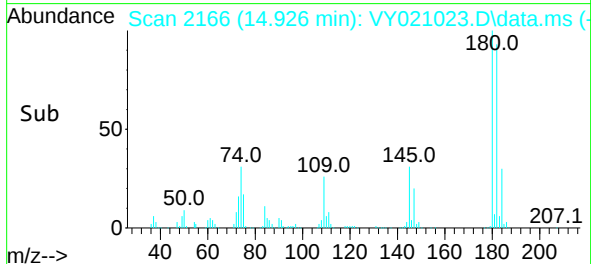
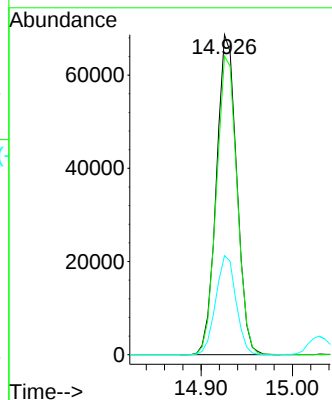
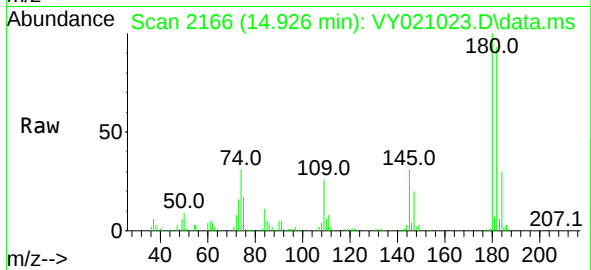
Tgt Ion:180 Resp: 105932

Ion Ratio Lower Upper

180 100

182 94.9 48.3 144.8

145 30.8 15.3 45.8



#94

Hexachlorobutadiene

Concen: 46.155 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.001 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

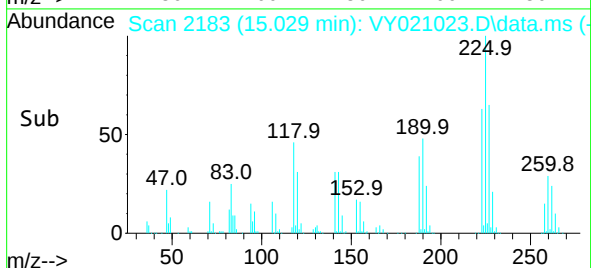
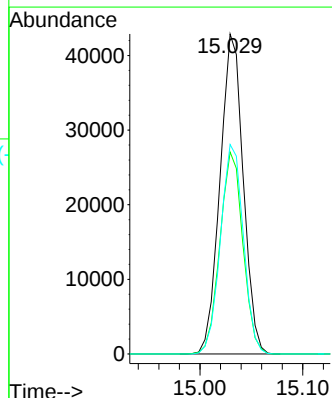
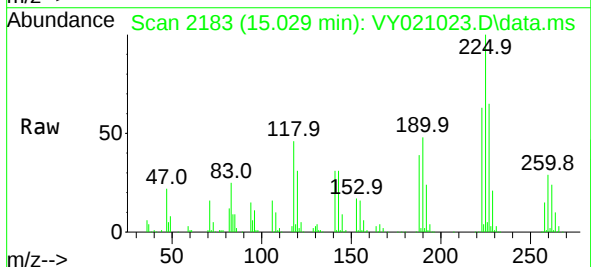
Tgt Ion:225 Resp: 67092

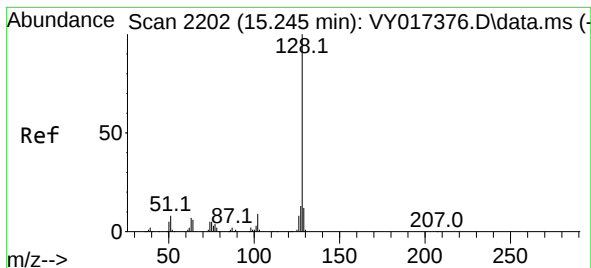
Ion Ratio Lower Upper

225 100

223 62.5 31.4 94.2

227 64.6 31.8 95.3





#95

Naphthalene

Concen: 53.412 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

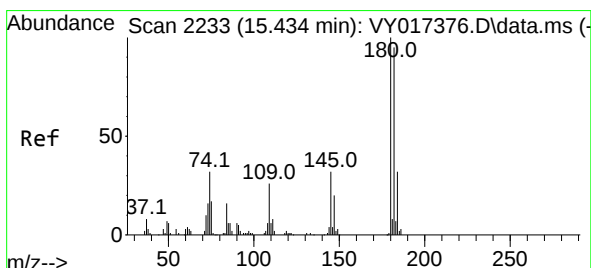
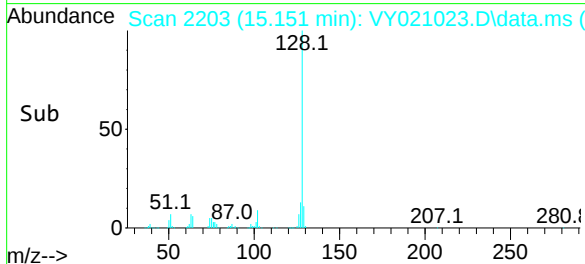
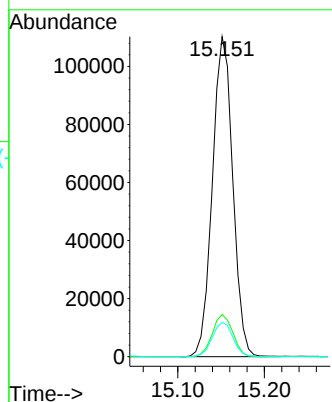
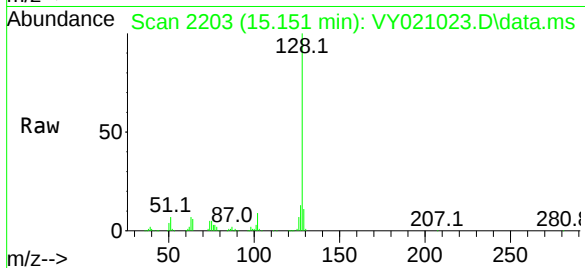
Tgt Ion:128 Resp: 180166

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.991 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021023.D

Acq: 03 Feb 2025 11:43

Tgt Ion:180 Resp: 88730

Ion Ratio Lower Upper

180 100

182 96.4 47.7 143.1

145 31.9 15.6 46.7

