

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021173.D
 Acq On : 11 Feb 2025 16:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 01:03:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	116313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	197467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	180137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	90986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	61854	51.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.800%	
35) Dibromofluoromethane	7.640	113	56739	44.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.680%	
50) Toluene-d8	10.109	98	207870	43.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.300%	
62) 4-Bromofluorobenzene	12.408	95	74957	47.623	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	48994	47.261	ug/l	96
3) Chloromethane	2.074	50	53833	52.624	ug/l	96
4) Vinyl Chloride	2.208	62	51500	50.017	ug/l	99
5) Bromomethane	2.605	94	32544	51.139	ug/l	99
6) Chloroethane	2.745	64	32725	53.392	ug/l	99
7) Trichlorofluoromethane	3.068	101	88488	47.172	ug/l	99
8) Diethyl Ether	3.464	74	34126	58.276	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	53702	45.614	ug/l	96
10) Methyl Iodide	4.013	142	70142	53.627	ug/l	91
11) Tert butyl alcohol	4.872	59	21589	267.331	ug/l	100
12) 1,1-Dichloroethene	3.793	96	55246	49.815	ug/l	93
13) Acrolein	3.665	56	18056	145.195	ug/l	98
14) Allyl chloride	4.391	41	96652	51.711	ug/l	94
15) Acrylonitrile	5.074	53	76677	314.441	ug/l	98
16) Acetone	3.879	43	58169	312.996	ug/l	92
17) Carbon Disulfide	4.117	76	173408	49.864	ug/l	99
18) Methyl Acetate	4.391	43	44702	68.519	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	171654	61.238	ug/l	99
20) Methylene Chloride	4.623	84	66227	57.323	ug/l	90
21) trans-1,2-Dichloroethene	5.122	96	65393	53.568	ug/l	94
22) Diisopropyl ether	6.025	45	233948	60.725	ug/l	98
23) Vinyl Acetate	5.970	43	649816	302.568	ug/l	98
24) 1,1-Dichloroethane	5.927	63	128759	57.044	ug/l	98
25) 2-Butanone	6.903	43	97222	318.348	ug/l	99
26) 2,2-Dichloropropane	6.890	77	63354	30.334	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	79234	56.389	ug/l	98
28) Bromochloromethane	7.250	49	55292	61.948	ug/l	98
29) Tetrahydrofuran	7.268	42	67496	326.620	ug/l	93
30) Chloroform	7.427	83	135533	58.458	ug/l	98
31) Cyclohexane	7.707	56	91721	45.124	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	115802	53.723	ug/l	99
36) 1,1-Dichloropropene	7.841	75	87666	46.769	ug/l	99
37) Ethyl Acetate	6.988	43	46784	56.895	ug/l	99
38) Carbon Tetrachloride	7.823	117	102837	46.954	ug/l	98
39) Methylcyclohexane	9.116	83	96704	42.178	ug/l	99
40) Benzene	8.085	78	280816	51.051	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	20181	42.422	ug/l #	80
42) 1,2-Dichloroethane	8.165	62	84692	55.502	ug/l	96
43) Isopropyl Acetate	8.201	43	94144	57.619	ug/l	96
44) Trichloroethene	8.872	130	68903	48.483	ug/l	94
45) 1,2-Dichloropropane	9.146	63	69977	53.597	ug/l	98
46) Dibromomethane	9.238	93	39635	54.829	ug/l	97
47) Bromodichloromethane	9.427	83	104846	54.079	ug/l	98
48) Methyl methacrylate	9.225	41	44691	60.048	ug/l	91
49) 1,4-Dioxane	9.238	88	7924	1177.492	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	246294	299.757	ug/l	95
52) Toluene	10.176	92	179543	51.982	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	83359	47.884	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	96403	46.770	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	51816	55.353	ug/l	98
56) Ethyl methacrylate	10.445	69	72935	58.241	ug/l	90
57) 1,3-Dichloropropane	10.719	76	92229	56.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	124136	208.362	ug/l	99
59) 2-Hexanone	10.762	43	164155	310.298	ug/l	95
60) Dibromochloromethane	10.914	129	72238	54.950	ug/l	99
61) 1,2-Dibromoethane	11.018	107	48667	55.504	ug/l	99
64) Tetrachloroethene	10.652	164	58239	43.551	ug/l	96
65) Chlorobenzene	11.445	112	198027	49.370	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	71365	50.066	ug/l	97
67) Ethyl Benzene	11.524	91	342560	48.285	ug/l	98
68) m/p-Xylenes	11.633	106	256370	96.596	ug/l	97
69) o-Xylene	11.957	106	124761	50.420	ug/l	97
70) Styrene	11.975	104	213241	51.705	ug/l	98
71) Bromoform	12.133	173	42791	53.932	ug/l #	98
73) Isopropylbenzene	12.261	105	319435	44.945	ug/l	100
74) N-amyl acetate	12.072	43	82484	53.083	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	60305	51.018	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	73214	88.706	ug/l #	100
77) Bromobenzene	12.536	156	78127	47.635	ug/l	93
78) n-propylbenzene	12.597	91	378232	44.674	ug/l	99
79) 2-Chlorotoluene	12.682	91	223478	46.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	266416	46.234	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14597	36.087	ug/l	96
82) 4-Chlorotoluene	12.780	91	229982	46.550	ug/l	100
83) tert-Butylbenzene	12.999	119	230066	43.925	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	266641	47.325	ug/l	100
85) sec-Butylbenzene	13.182	105	327109	43.386	ug/l	98
86) p-Isopropyltoluene	13.298	119	273973	43.745	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	148079	46.759	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	145203	46.567	ug/l	98
89) n-Butylbenzene	13.621	91	247425	43.305	ug/l	99
90) Hexachloroethane	13.883	117	60533	46.330	ug/l	87
91) 1,2-Dichlorobenzene	13.664	146	133204	48.461	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9528	53.941	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	72696	47.514	ug/l	99
94) Hexachlorobutadiene	15.029	225	43369	42.775	ug/l	99
95) Naphthalene	15.151	128	136837	55.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	64221	50.439	ug/l	98

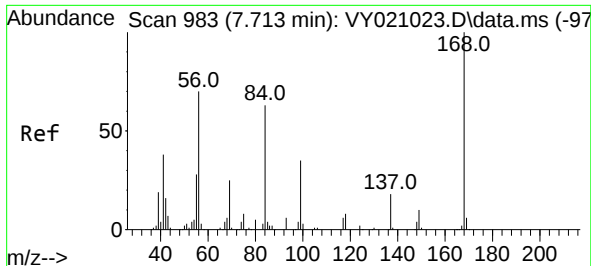
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Response via : Initial Calibration

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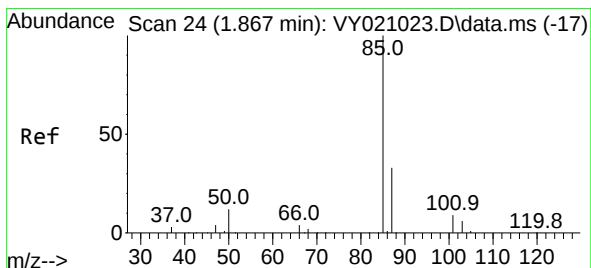
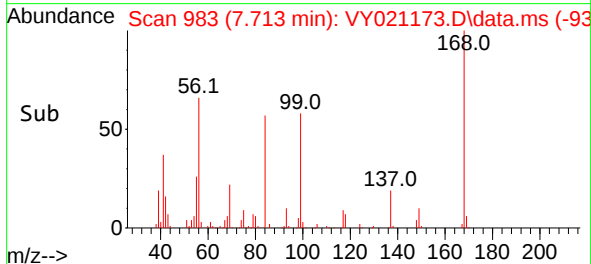
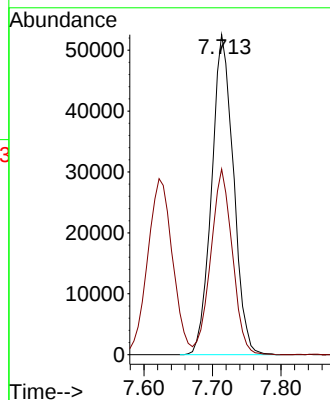
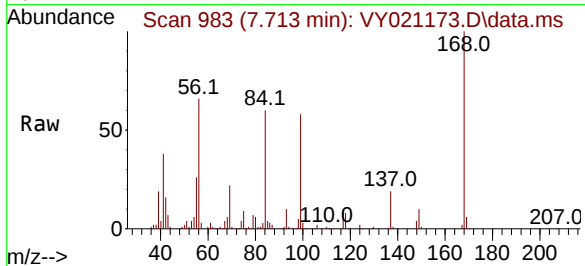
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

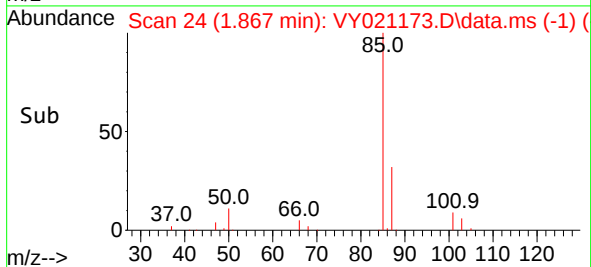
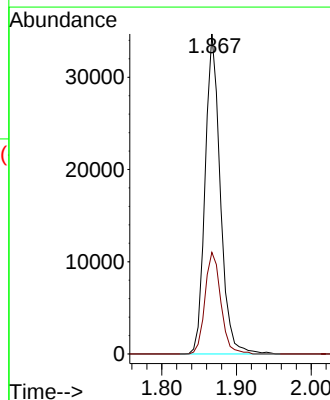
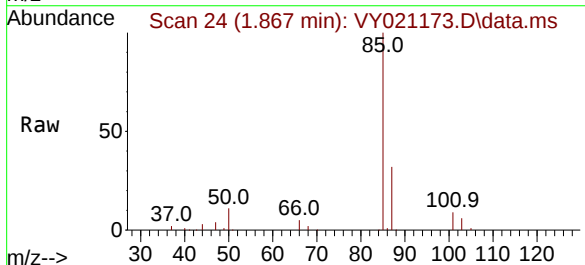
Instrument :
MSVOA_Y
ClientSampleId :

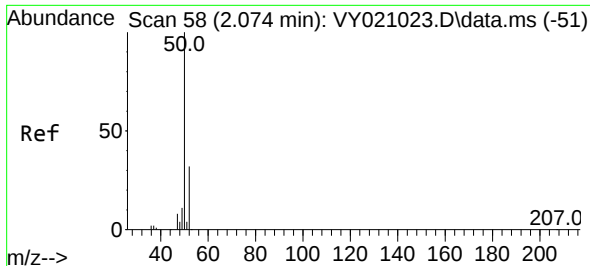
Tgt Ion:168 Resp: 116313
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 47.261 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

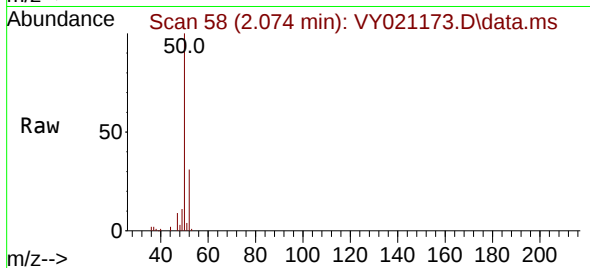
Tgt Ion: 85 Resp: 48994
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3



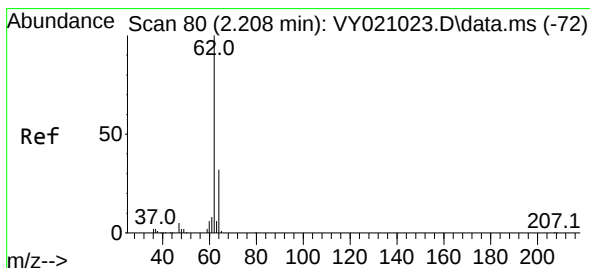
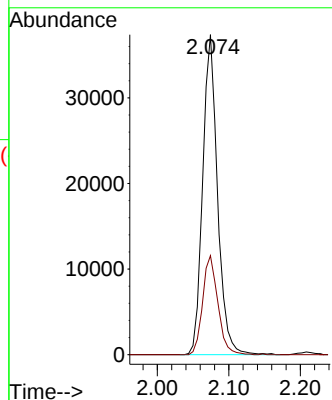
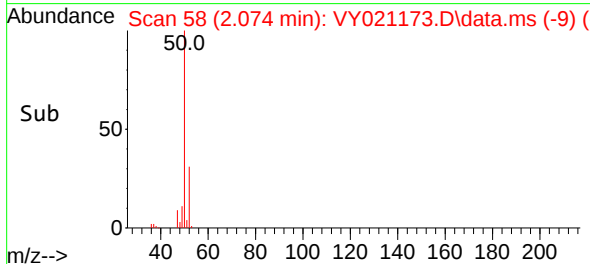


#3
Chloromethane
Concen: 52.624 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :

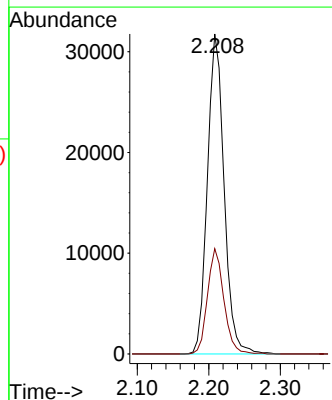
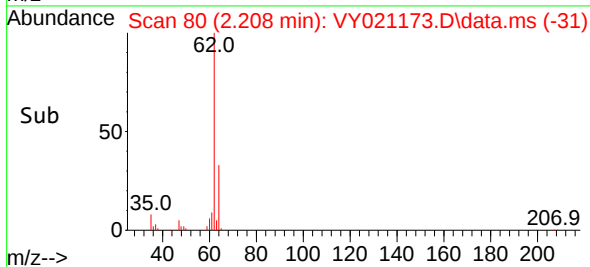
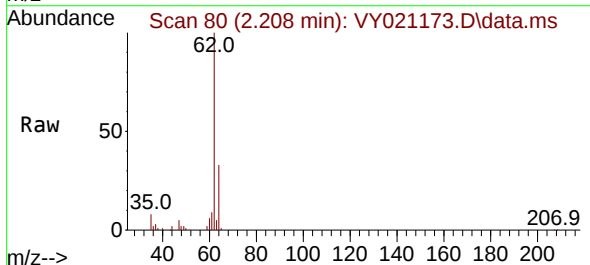


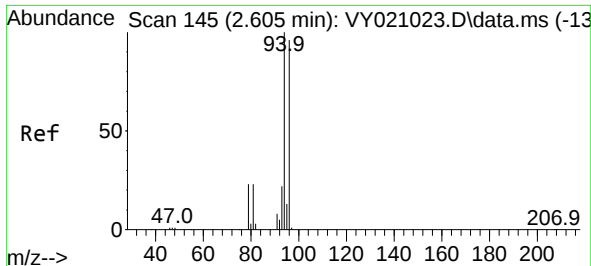
Tgt Ion: 50 Resp: 53833
Ion Ratio Lower Upper
50 100
52 30.9 26.7 40.1



#4
Vinyl Chloride
Concen: 50.017 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 62 Resp: 51500
Ion Ratio Lower Upper
62 100
64 32.9 25.7 38.5

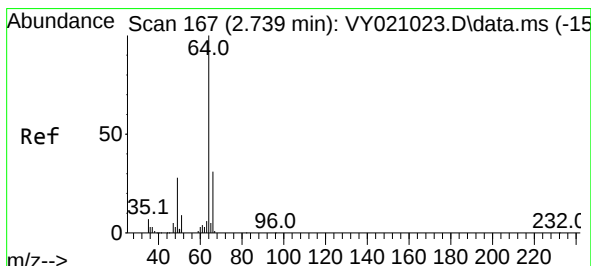
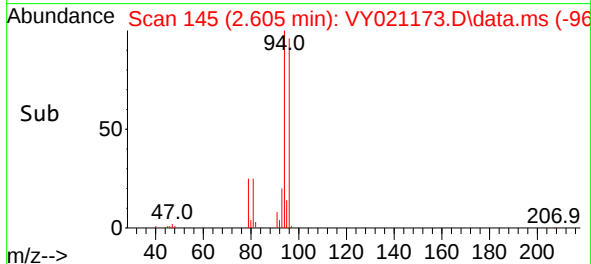
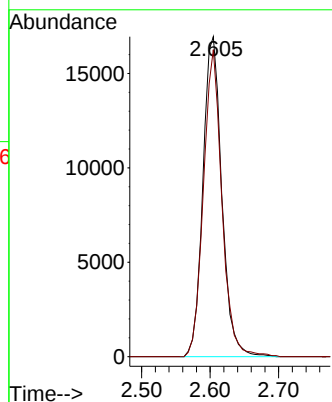
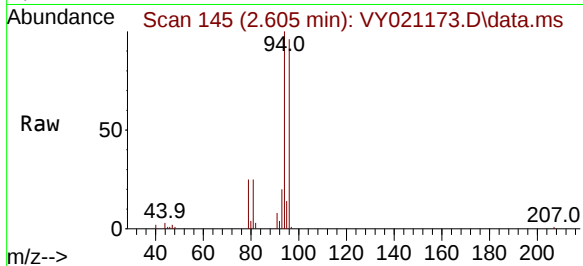




#5
Bromomethane
Concen: 51.139 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

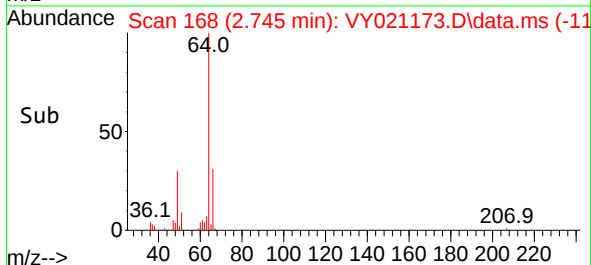
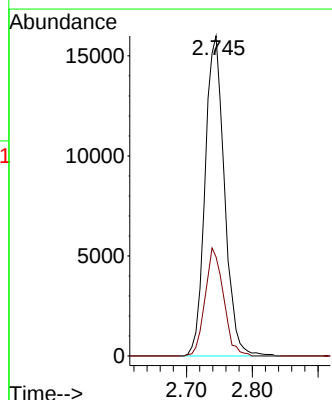
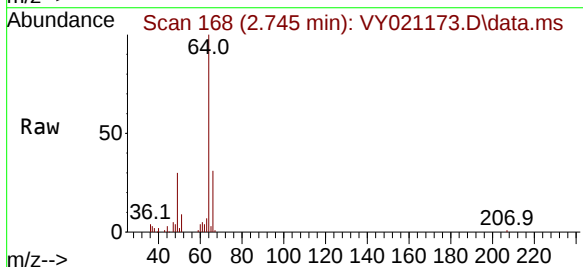
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 32544
Ion Ratio Lower Upper
94 100
96 95.9 77.3 115.9



#6
Chloroethane
Concen: 53.392 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 64 Resp: 32725
Ion Ratio Lower Upper
64 100
66 31.0 25.1 37.7

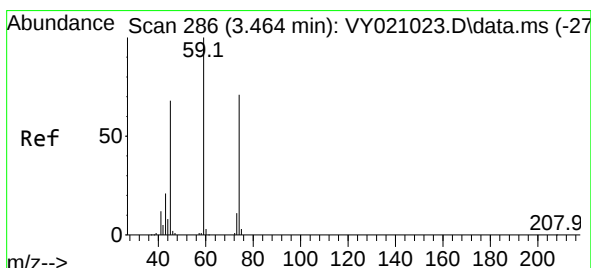
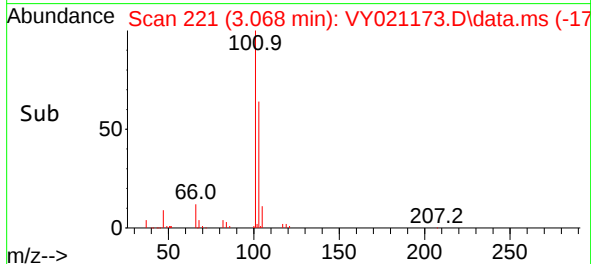
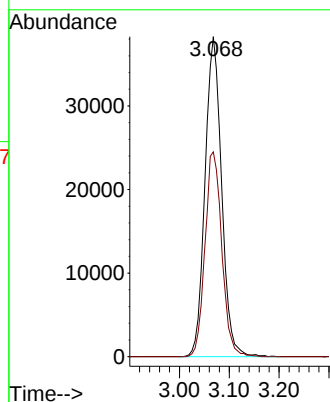
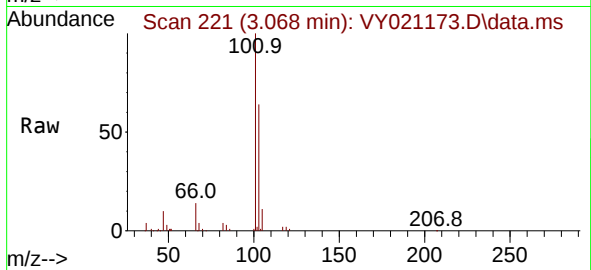




#7
 Trichlorofluoromethane
 Concen: 47.172 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY021173.D
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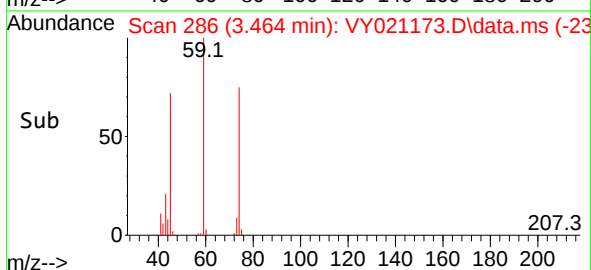
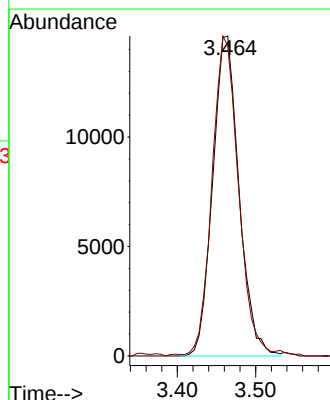
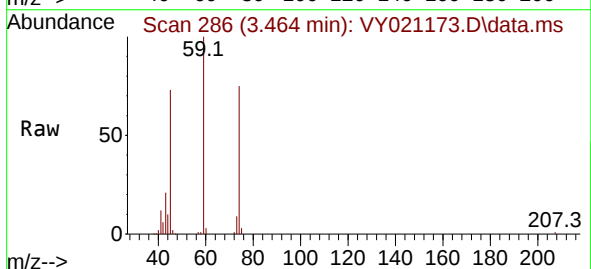
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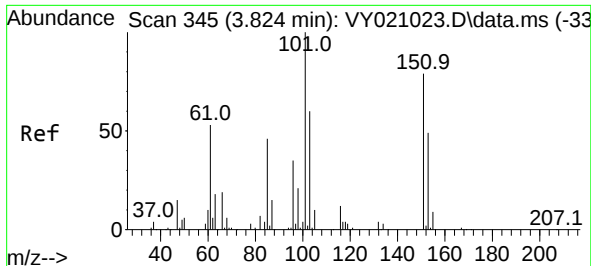
Tgt Ion:101 Resp: 88488
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 58.276 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY021173.D
 Acq: 11 Feb 2025 16:25

Tgt Ion: 74 Resp: 34126
 Ion Ratio Lower Upper
 74 100
 45 101.1 47.9 143.7

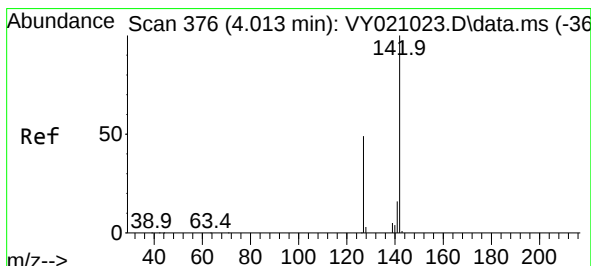
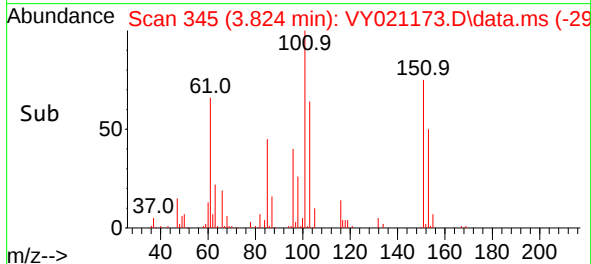
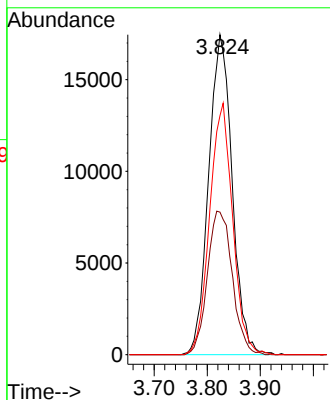
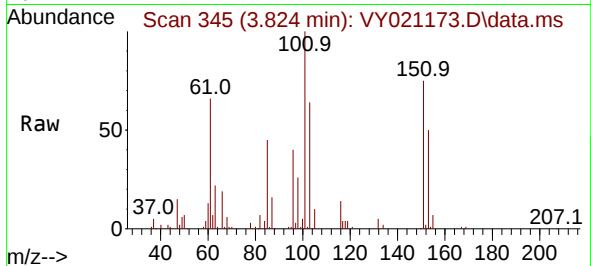




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.614 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

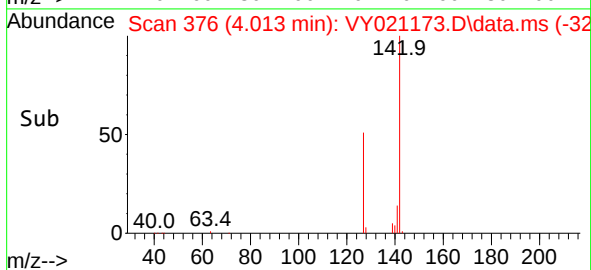
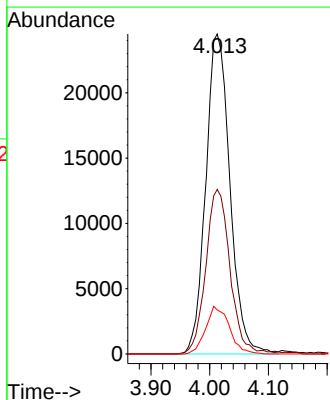
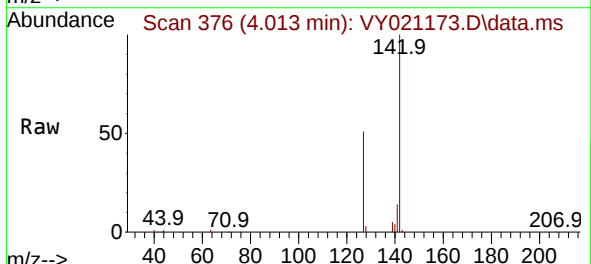
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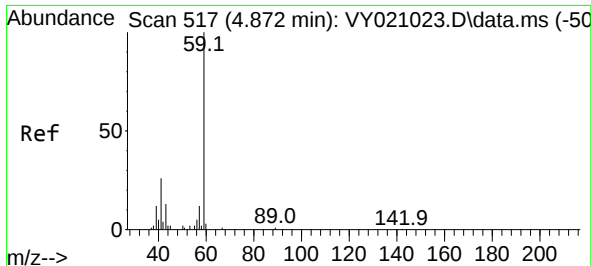
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Ion Ratio Lower Upper
101 100
85 47.4 35.8 53.6
151 77.1 58.6 88.0



#10
Methyl Iodide
Concen: 53.627 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion:142 Resp: 70142
Ion Ratio Lower Upper
142 100
127 51.5 35.1 52.7
141 14.5 11.8 17.6

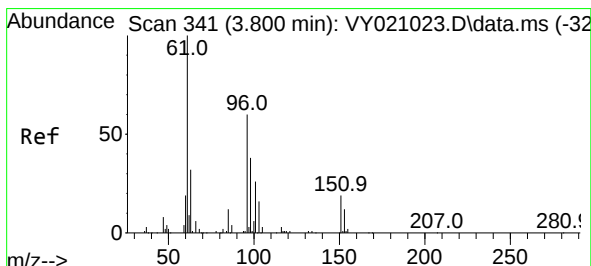
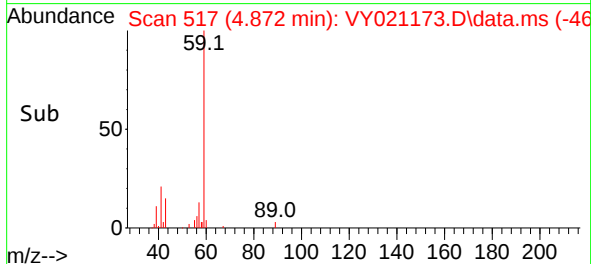
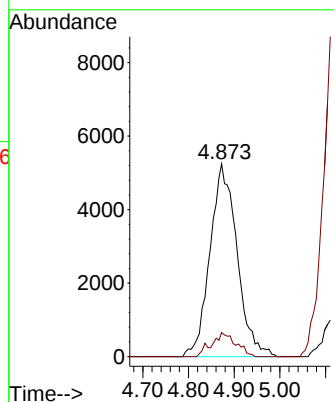
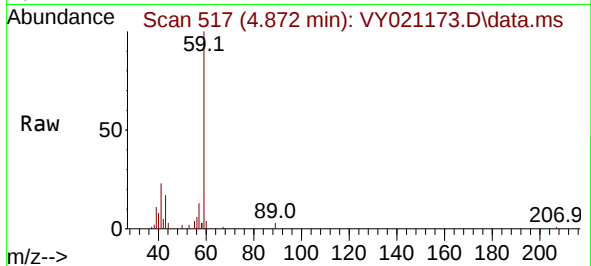




#11
Tert butyl alcohol
Concen: 267.331 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

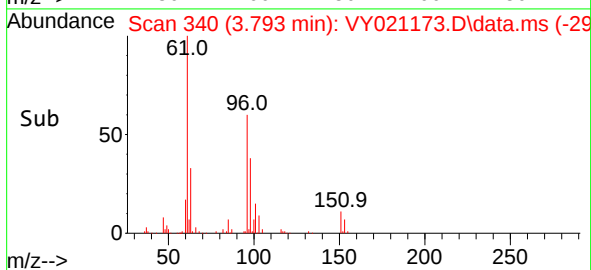
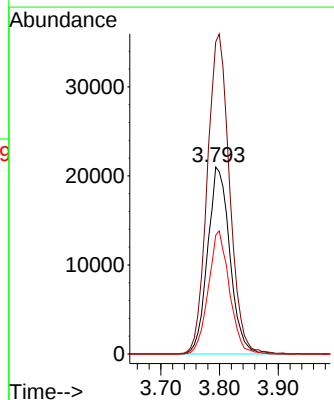
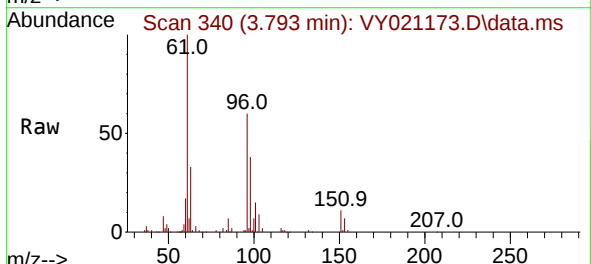
Instrument :
MSVOA_Y
ClientSampleId :

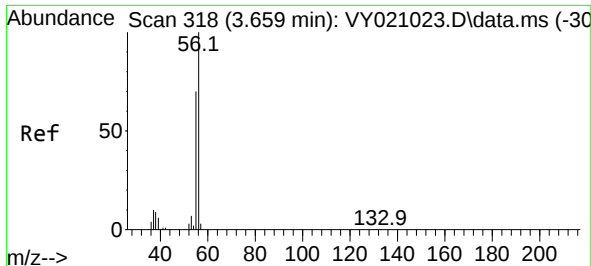
Tgt Ion: 59 Resp: 21589
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.815 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 96 Resp: 55246
Ion Ratio Lower Upper
96 100
61 166.6 124.2 186.2
98 63.5 52.6 79.0

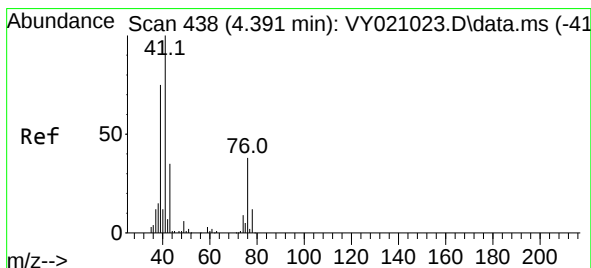
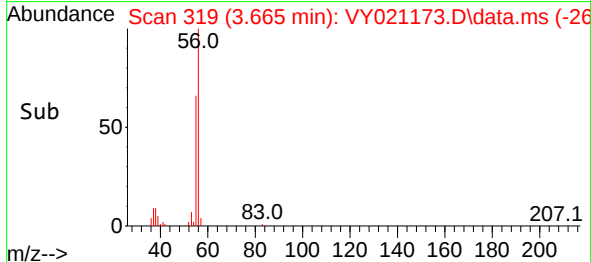
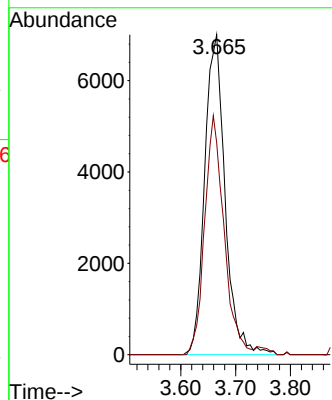
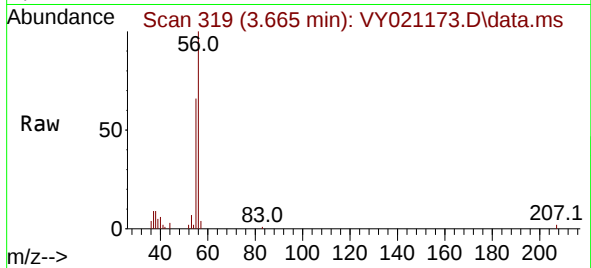




#13
Acrolein
Concen: 145.195 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

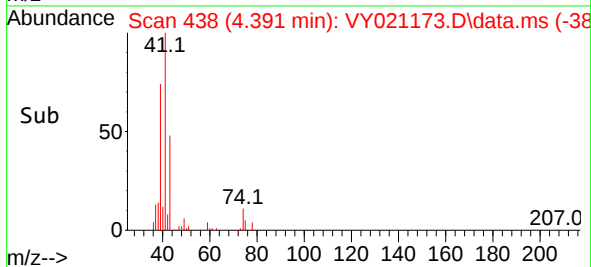
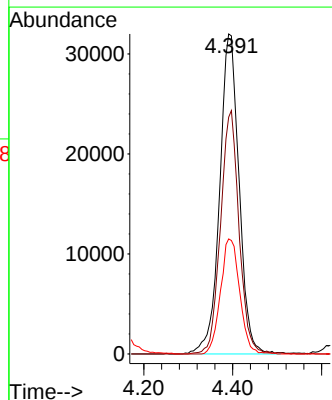
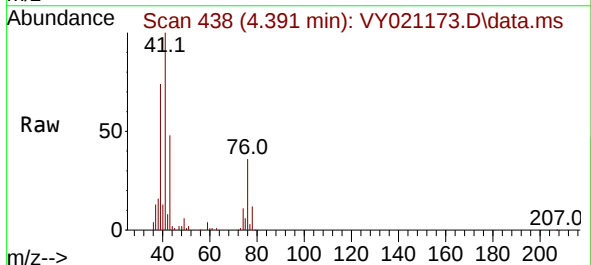
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 18056
Ion Ratio Lower Upper
56 100
55 71.2 55.4 83.0



#14
Allyl chloride
Concen: 51.711 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

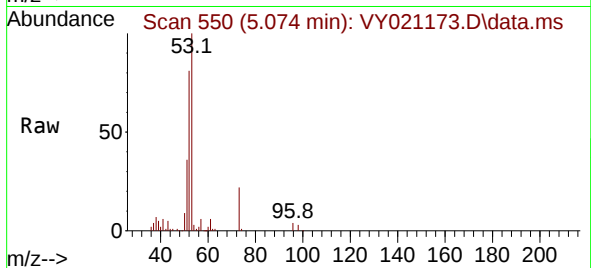
Tgt Ion: 41 Resp: 96652
Ion Ratio Lower Upper
41 100
39 72.4 54.7 82.1
76 35.5 31.8 47.6



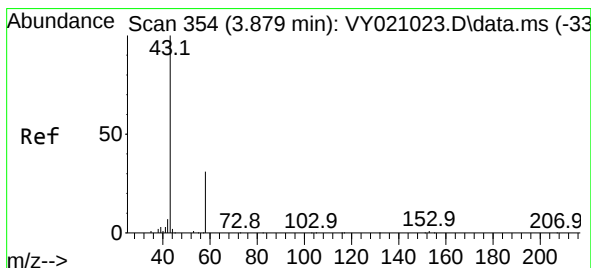
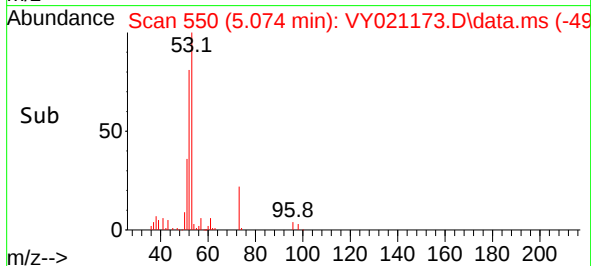
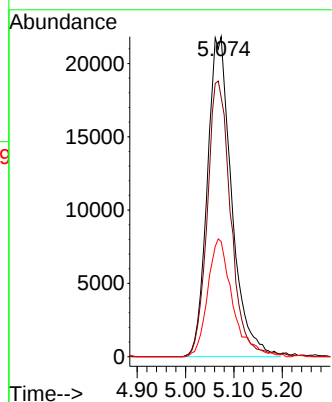


#15
Acrylonitrile
Concen: 314.441 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :

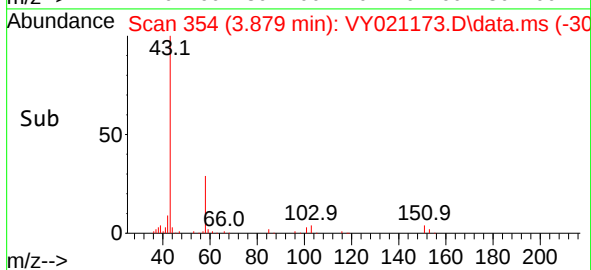
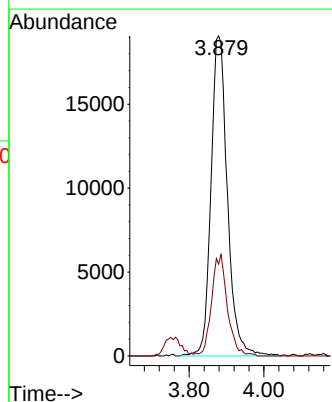
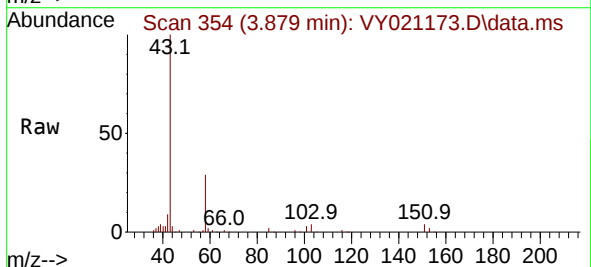


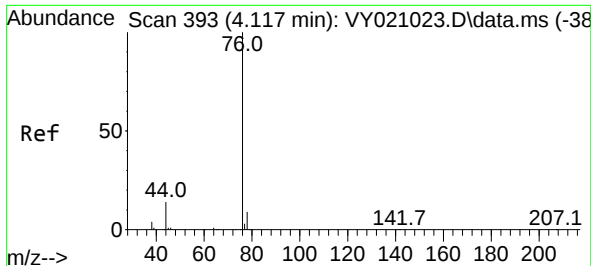
Tgt Ion: 53 Resp: 76677
Ion Ratio Lower Upper
53 100
52 82.9 65.1 97.7
51 37.7 29.0 43.4



#16
Acetone
Concen: 312.996 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 43 Resp: 58169
Ion Ratio Lower Upper
43 100
58 28.7 26.6 39.8

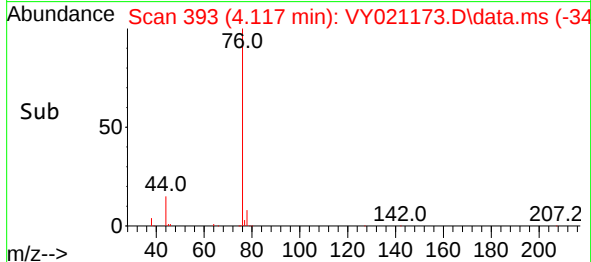
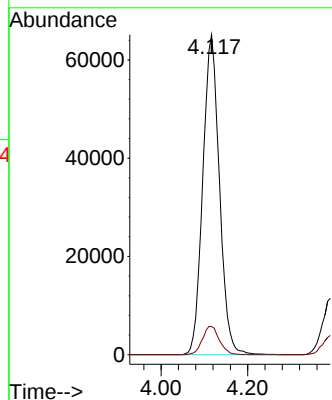
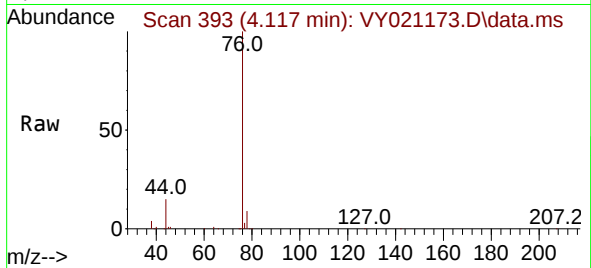




#17
Carbon Disulfide
Concen: 49.864 ug/l
RT: 4.117 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

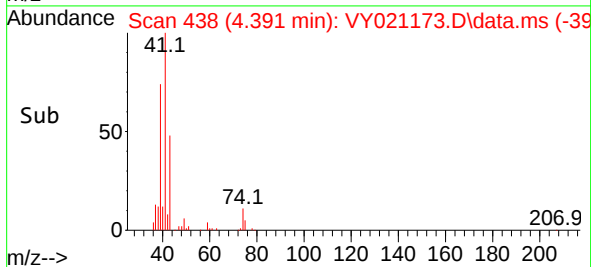
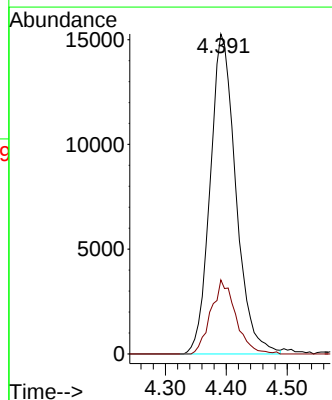
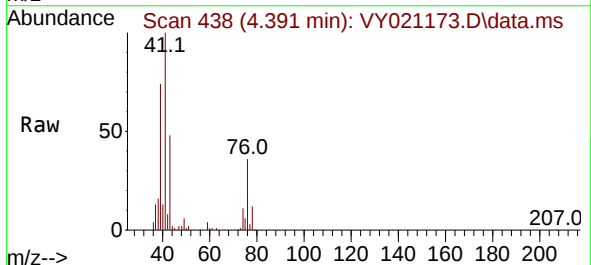
Instrument :
MSVOA_Y
ClientSampleId :

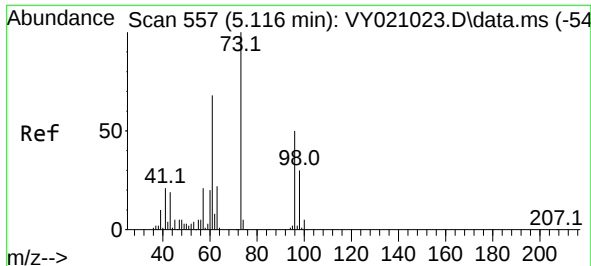
Tgt Ion: 76 Resp: 173408
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 68.519 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 43 Resp: 44702
Ion Ratio Lower Upper
43 100
74 22.4 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 61.238 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

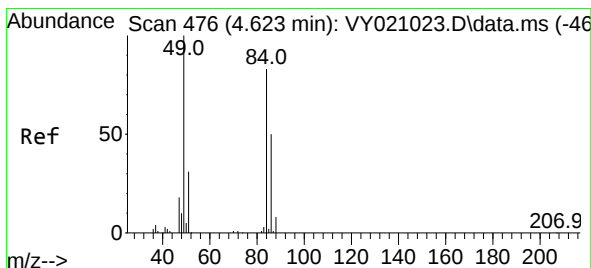
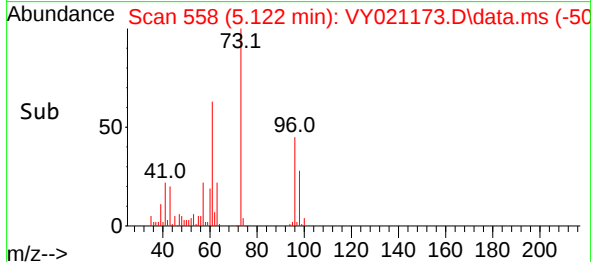
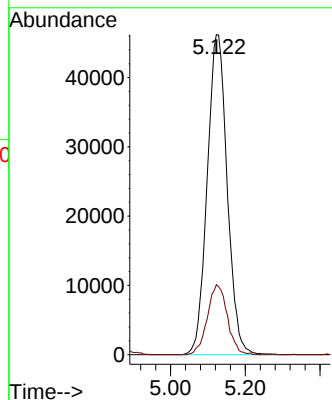
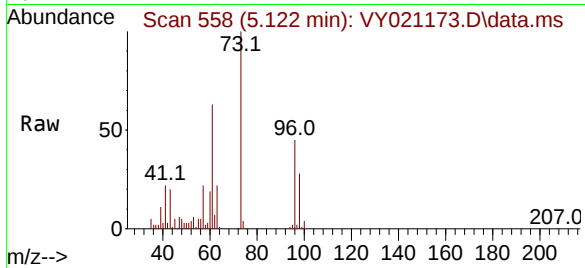
ClientSampleId :

Tgt Ion: 73 Resp: 171654

Ion Ratio Lower Upper

73 100

57 21.8 17.7 26.5



#20

Methylene Chloride

Concen: 57.323 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Tgt Ion: 84 Resp: 66227

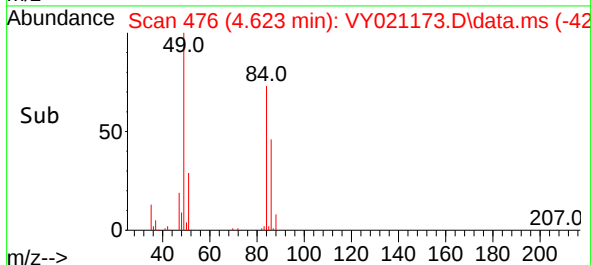
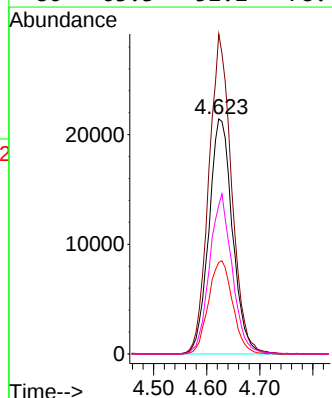
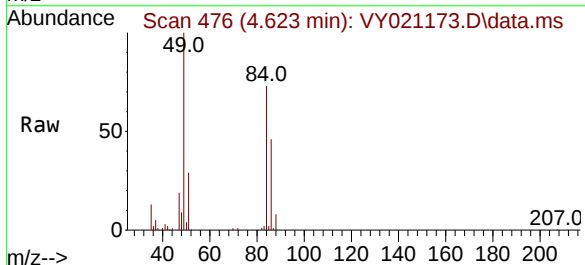
Ion Ratio Lower Upper

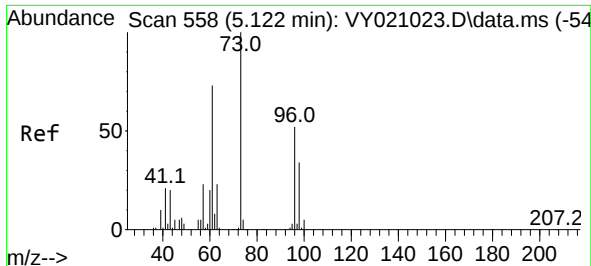
84 100

49 136.1 95.2 142.8

51 39.0 29.9 44.9

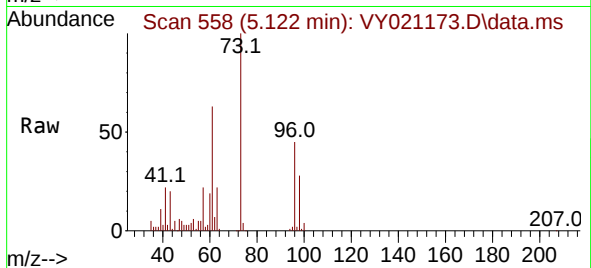
86 63.3 52.2 78.4



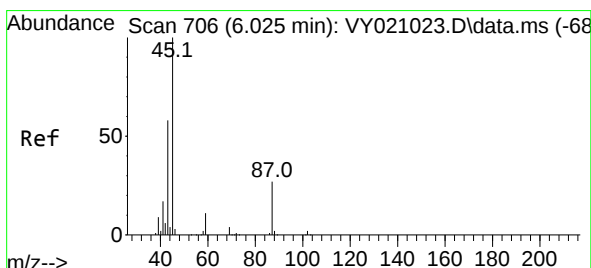
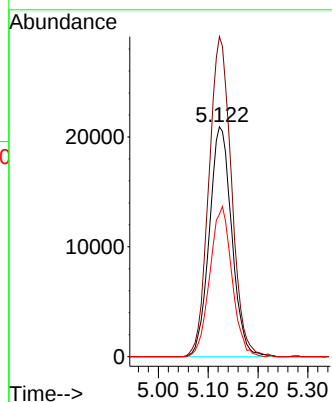
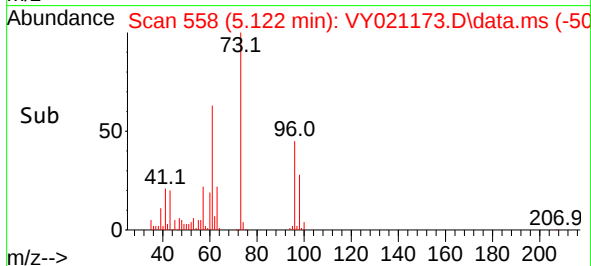


#21
trans-1,2-Dichloroethene
Concen: 53.568 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :

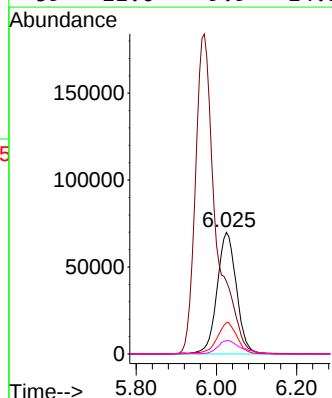
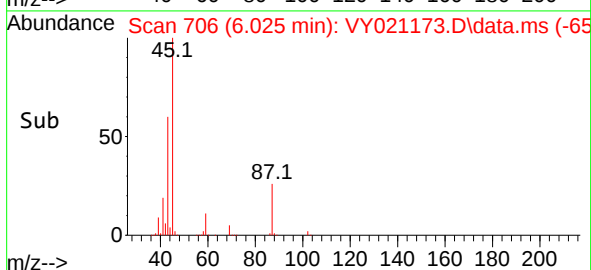
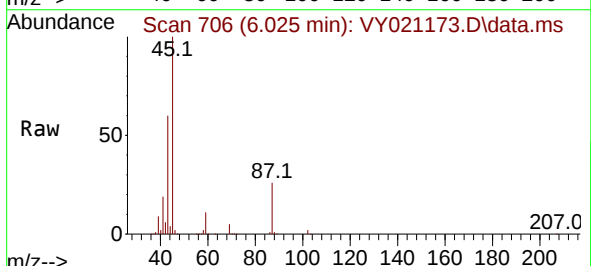


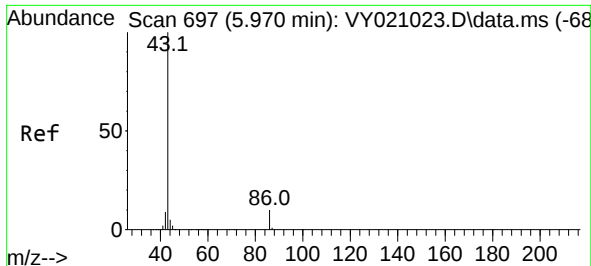
Tgt Ion: 96 Resp: 65393
Ion Ratio Lower Upper
96 100
61 139.2 104.6 156.8
98 62.0 50.9 76.3



#22
Diisopropyl ether
Concen: 60.725 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 45 Resp: 233948
Ion Ratio Lower Upper
45 100
43 59.4 46.8 70.2
87 25.8 22.2 33.2
59 11.0 9.9 14.9

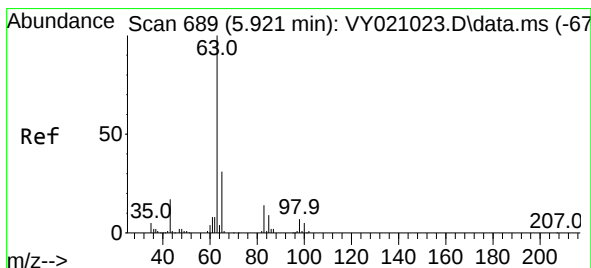
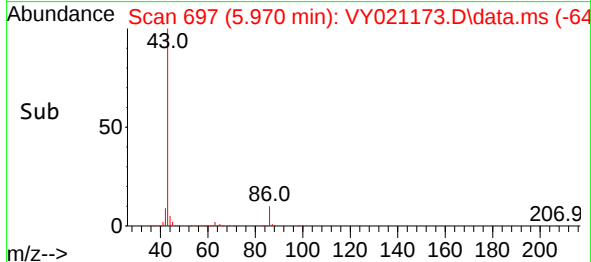
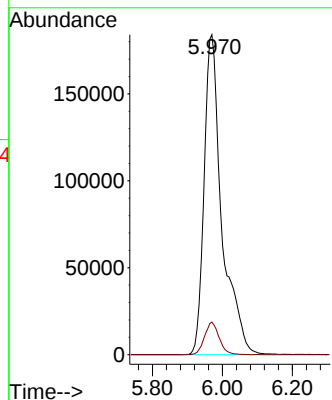
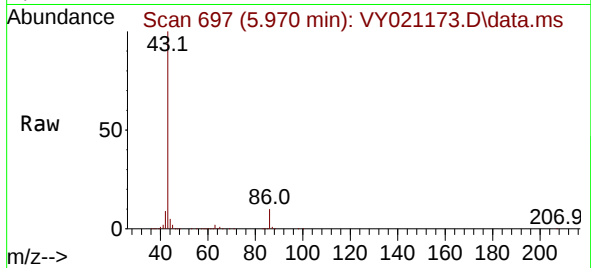




#23
 Vinyl Acetate
 Concen: 302.568 ug/l
 RT: 5.970 min Scan# 649
 Delta R.T. 0.000 min
 Lab File: VY021173.D
 Acq: 11 Feb 2025 16:25

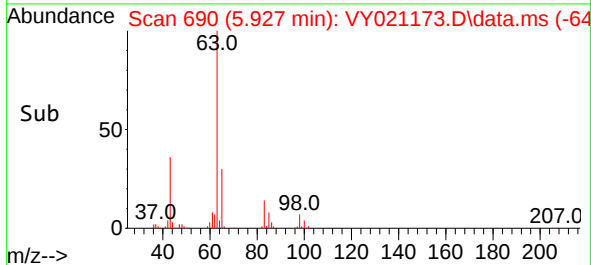
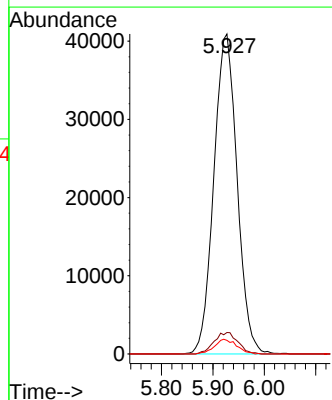
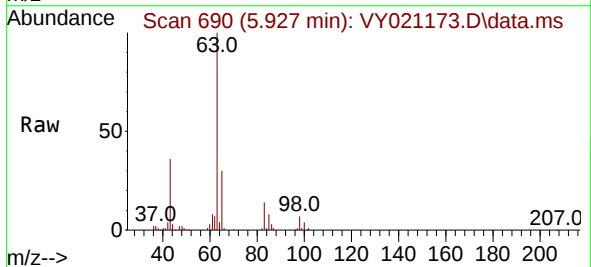
Instrument :
 MSVOA_Y
 ClientSampleId :

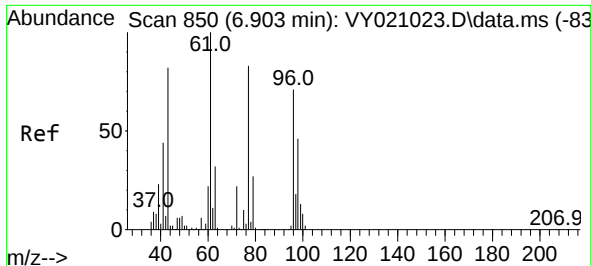
Tgt Ion: 43 Resp: 649816
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 57.044 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021173.D
 Acq: 11 Feb 2025 16:25

Tgt Ion: 63 Resp: 128759
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 318.348 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

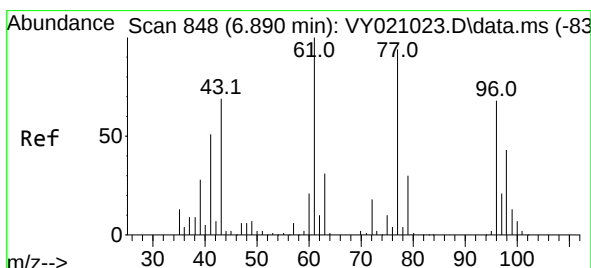
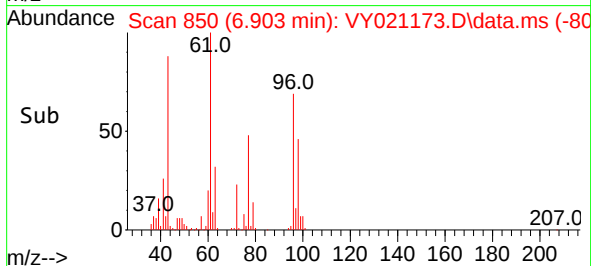
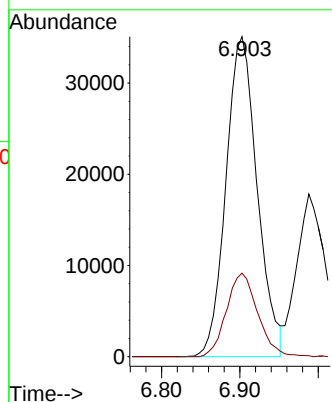
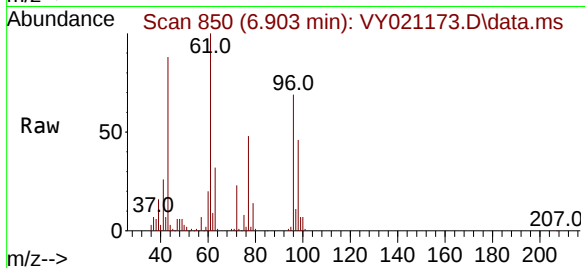
ClientSampleId :

Tgt Ion: 43 Resp: 97222

Ion Ratio Lower Upper

43 100

72 26.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 30.334 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021173.D

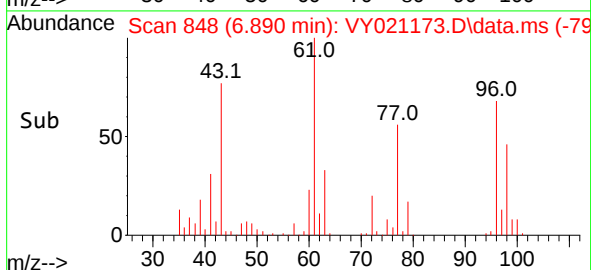
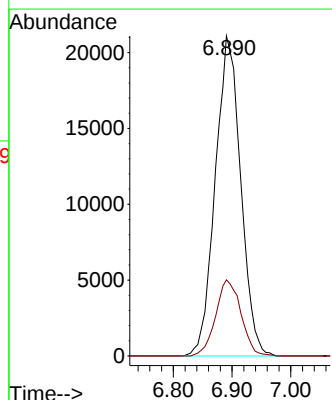
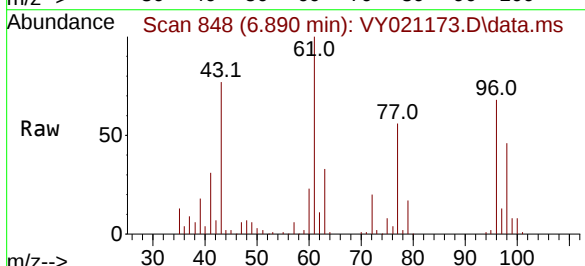
Acq: 11 Feb 2025 16:25

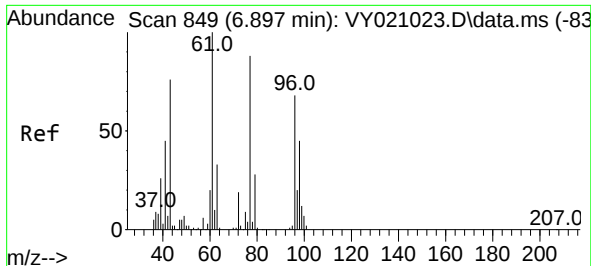
Tgt Ion: 77 Resp: 63354

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 56.389 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

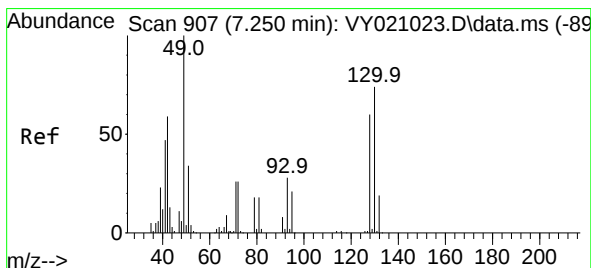
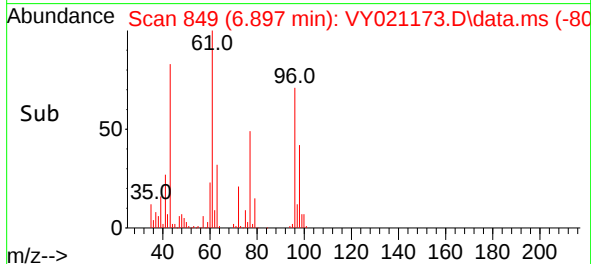
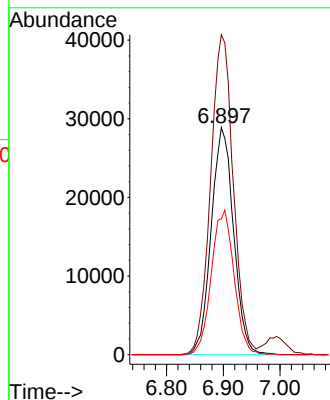
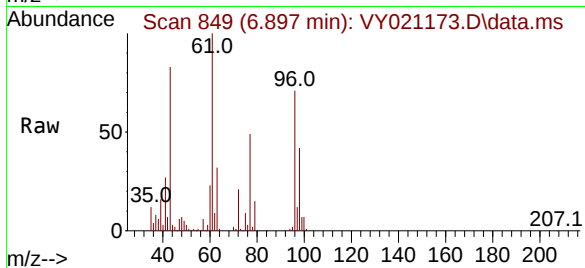
Tgt Ion: 96 Resp: 79234

Ion Ratio Lower Upper

96 100

61 142.6 0.0 278.8

98 64.6 0.0 127.0



#28

Bromochloromethane

Concen: 61.948 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

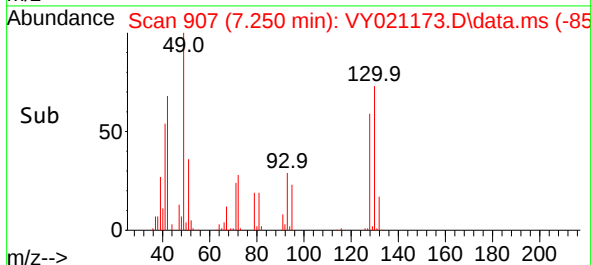
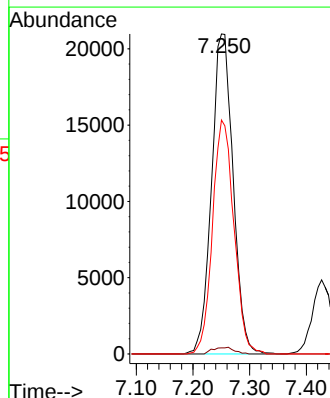
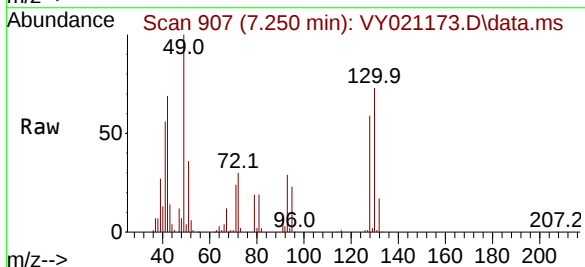
Tgt Ion: 49 Resp: 55292

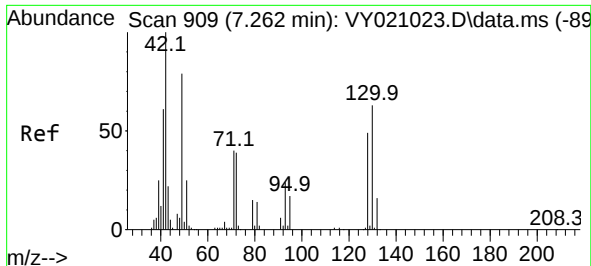
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 72.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 326.620 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

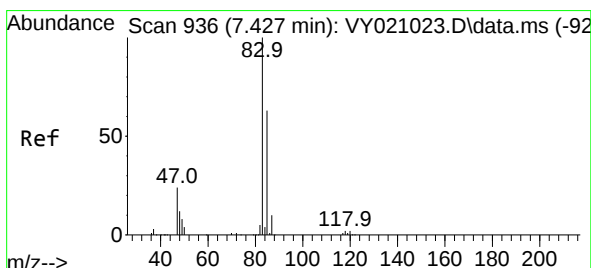
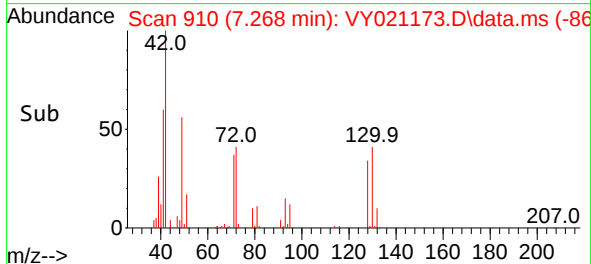
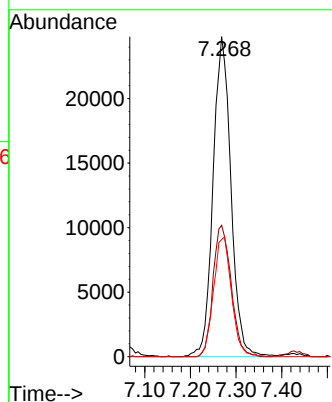
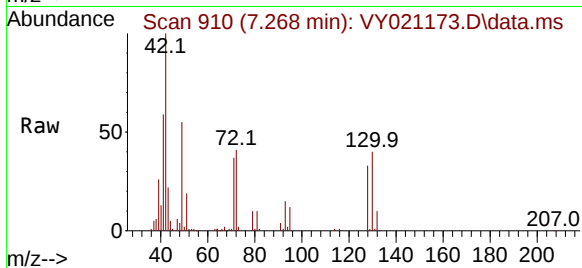
Tgt Ion: 42 Resp: 67496

Ion Ratio Lower Upper

42 100

72 41.4 36.6 54.8

71 37.6 33.8 50.6



#30

Chloroform

Concen: 58.458 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY021173.D

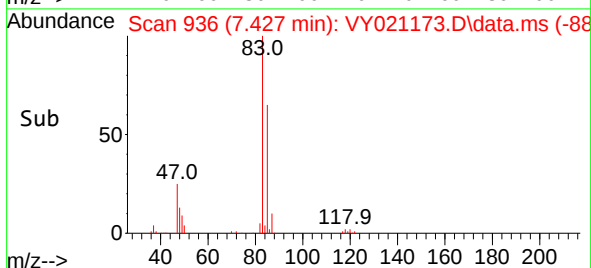
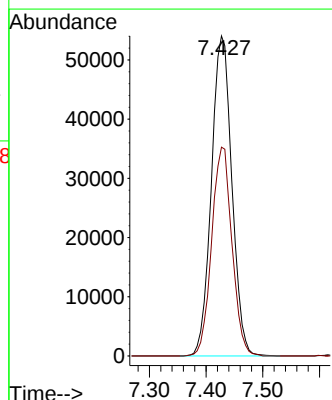
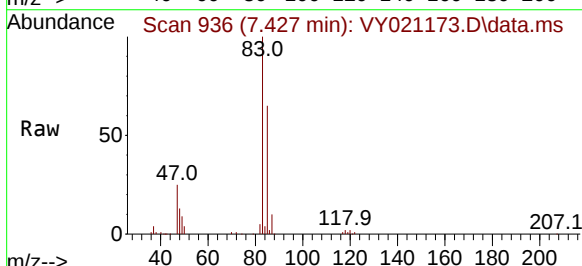
Acq: 11 Feb 2025 16:25

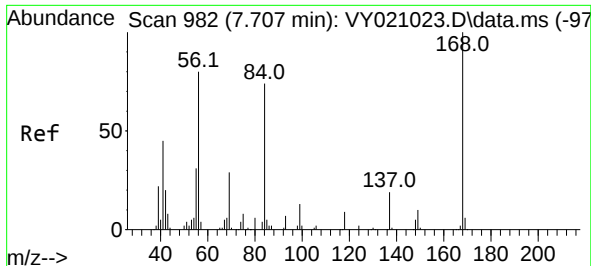
Tgt Ion: 83 Resp: 135533

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

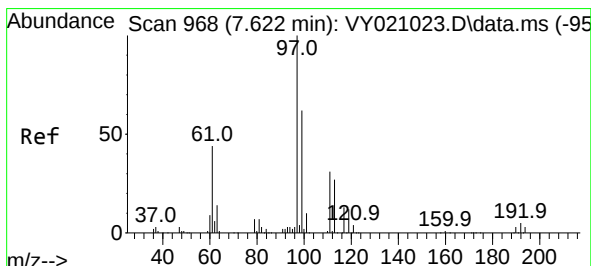
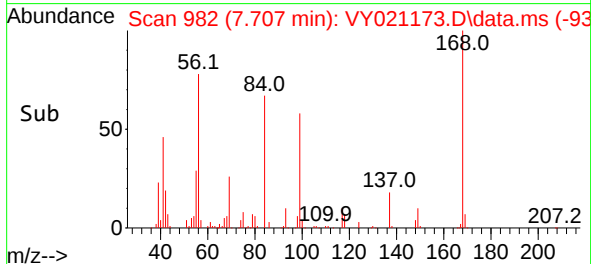
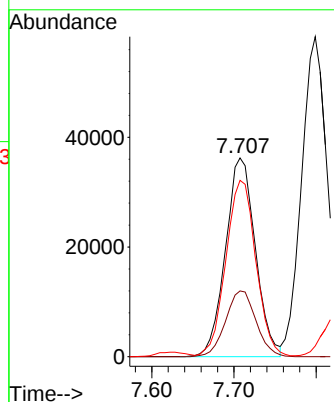
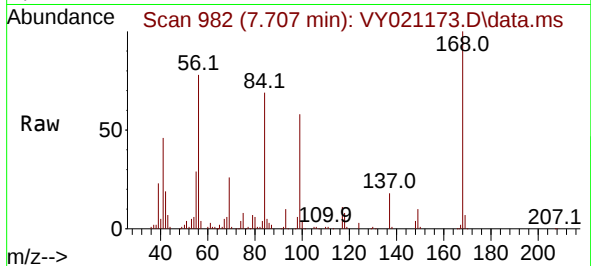




#31
Cyclohexane
Concen: 45.124 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

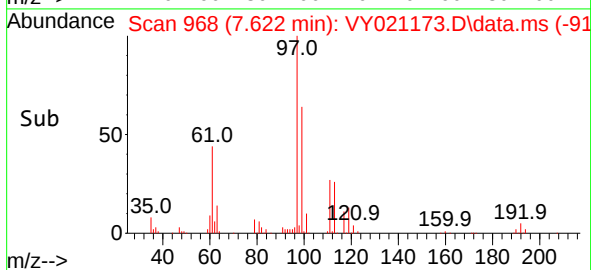
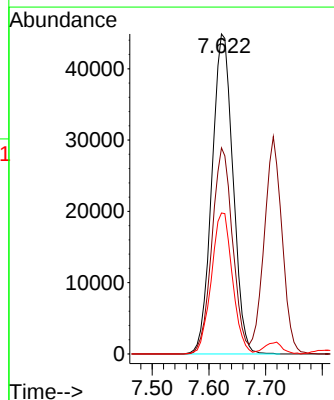
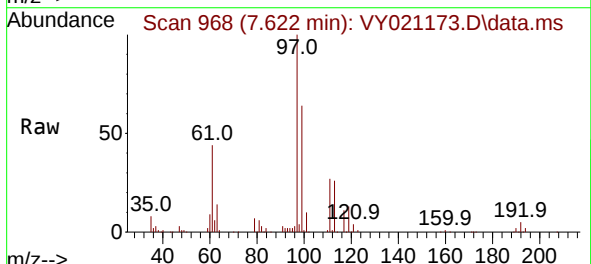
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 91721
Ion Ratio Lower Upper
56 100
69 33.1 27.0 40.6
84 86.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 53.723 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 97 Resp: 115802
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 44.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.903 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

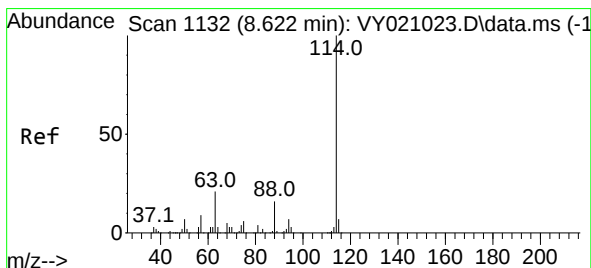
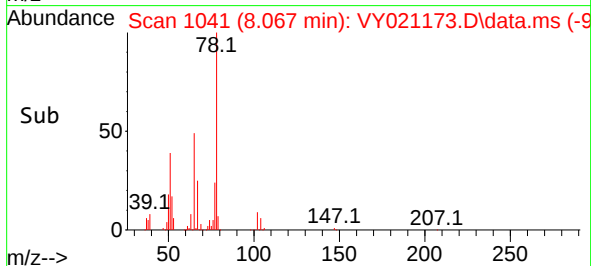
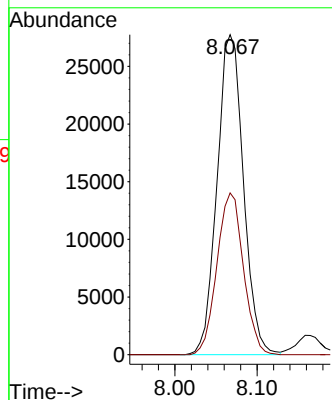
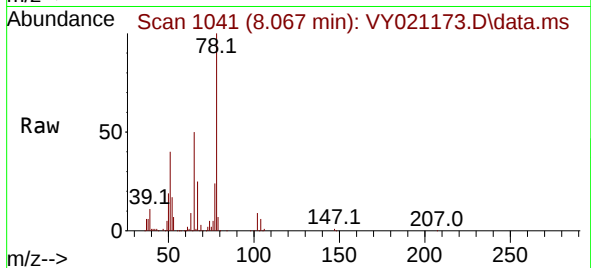
ClientSampleId :

Tgt Ion: 65 Resp: 61854

Ion Ratio Lower Upper

65 100

67 50.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

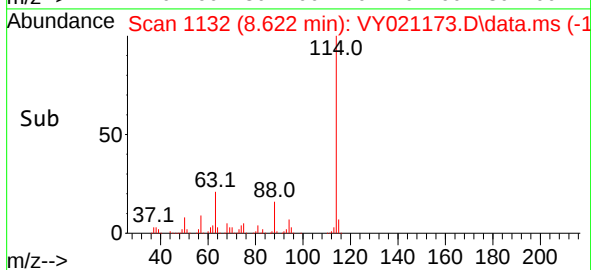
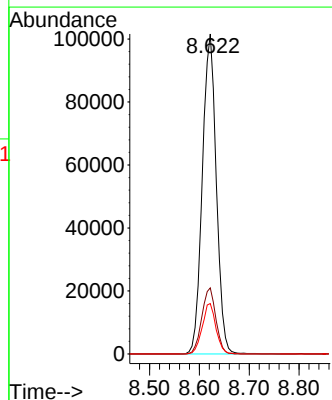
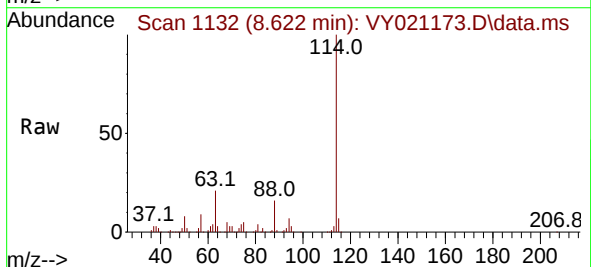
Tgt Ion:114 Resp: 197467

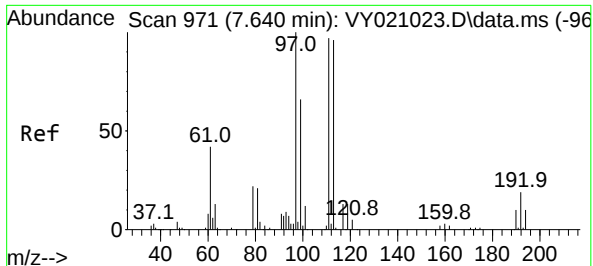
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.8 0.0 29.0

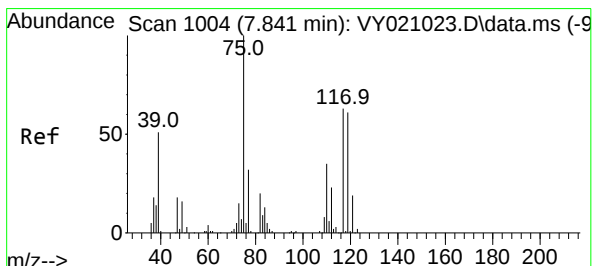
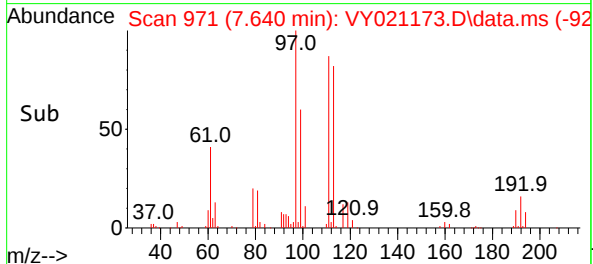
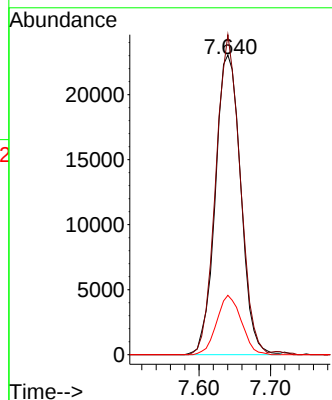
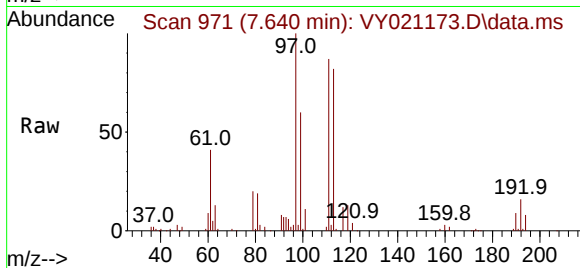




#35
Dibromofluoromethane
Concen: 44.835 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

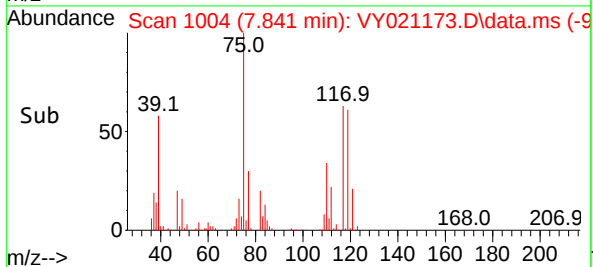
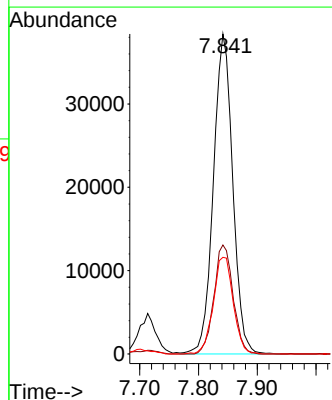
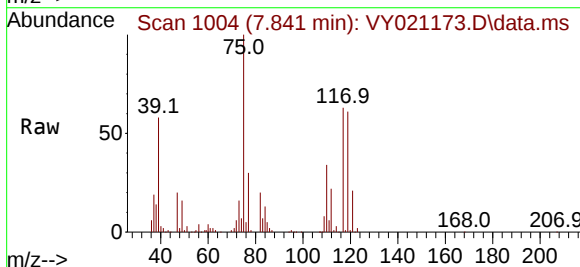
Instrument :
MSVOA_Y
ClientSampleId :

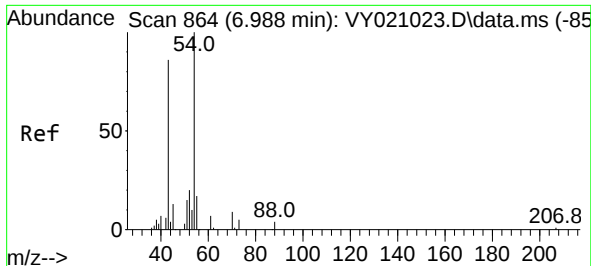
Tgt Ion:113 Resp: 56739
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 19.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 46.769 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

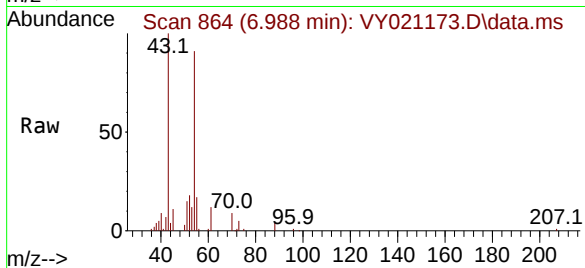
Tgt Ion: 75 Resp: 87666
Ion Ratio Lower Upper
75 100
110 33.6 17.4 52.3
77 31.2 24.7 37.1



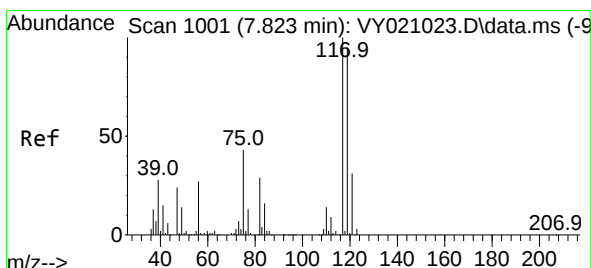
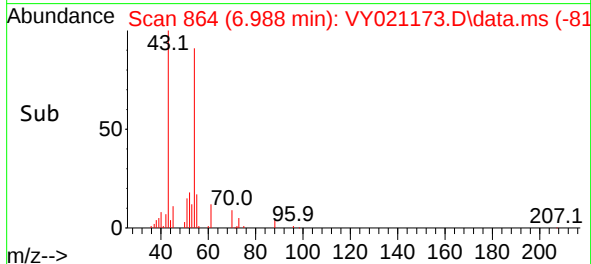
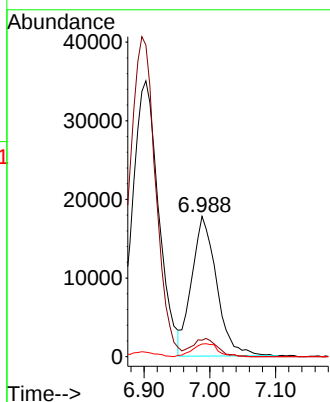


#37
Ethyl Acetate
Concen: 56.895 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :

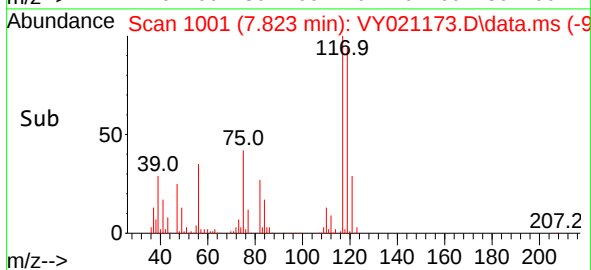
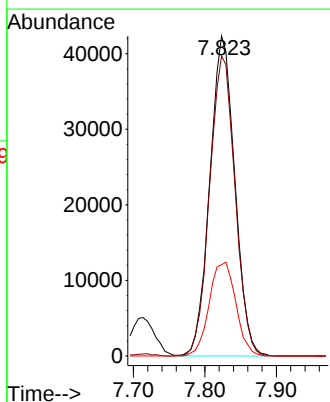
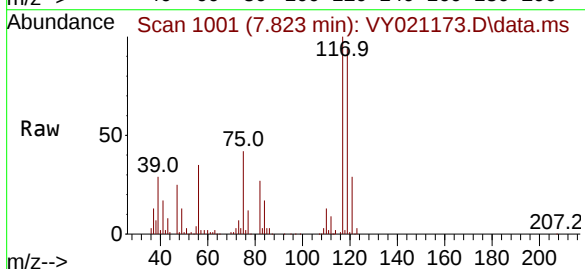


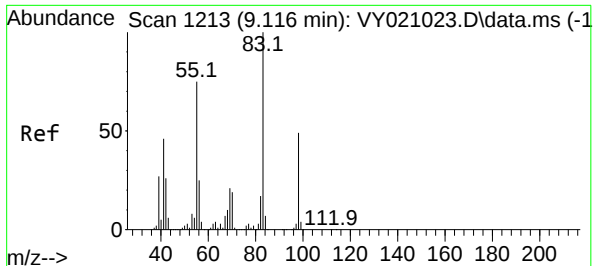
Tgt Ion: 43 Resp: 46784
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.6
70 9.6 8.1 12.1



#38
Carbon Tetrachloride
Concen: 46.954 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 117 Resp: 102837
Ion Ratio Lower Upper
117 100
119 93.8 76.0 114.0
121 28.5 24.2 36.2





#39

Methylcyclohexane

Concen: 42.178 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

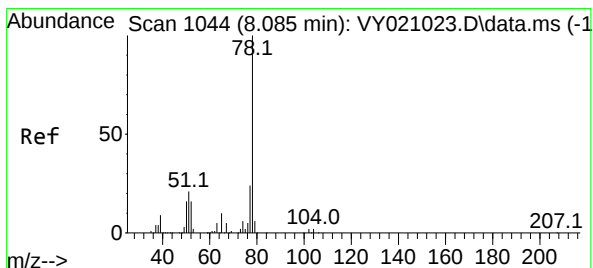
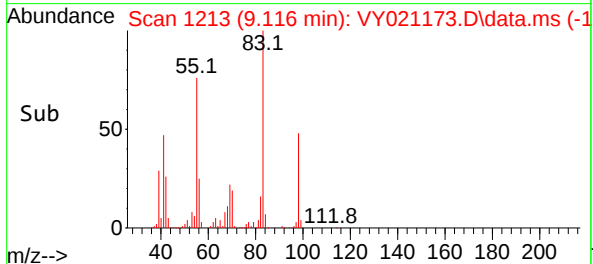
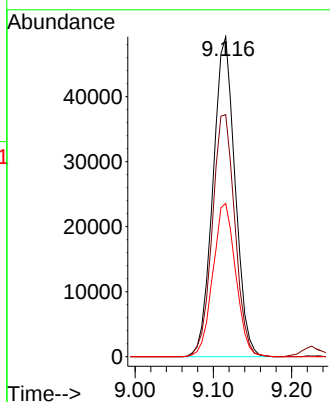
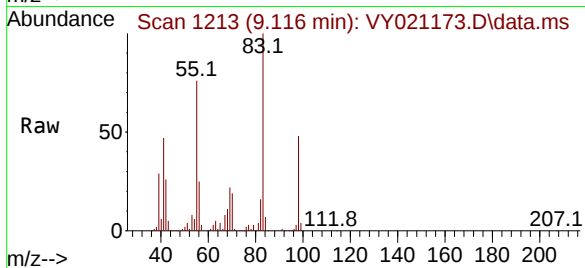
Tgt Ion: 83 Resp: 96704

Ion Ratio Lower Upper

83 100

55 75.7 59.7 89.5

98 47.9 38.0 57.0



#40

Benzene

Concen: 51.051 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY021173.D

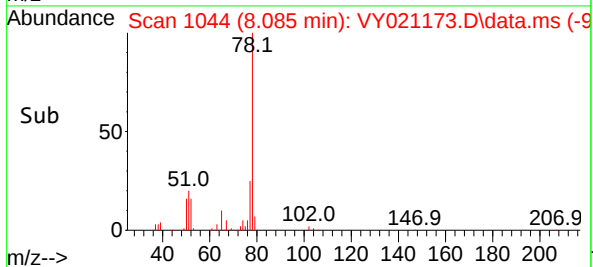
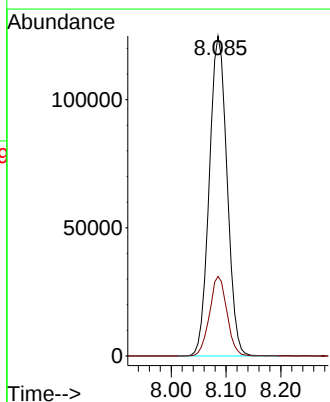
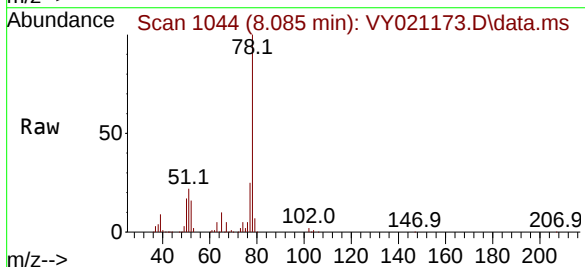
Acq: 11 Feb 2025 16:25

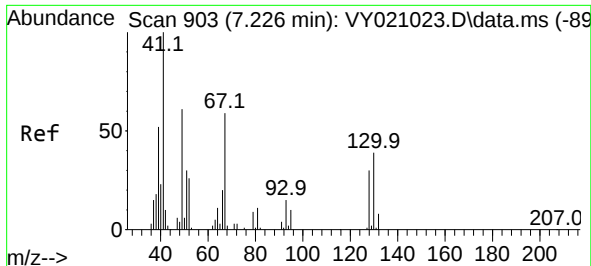
Tgt Ion: 78 Resp: 280816

Ion Ratio Lower Upper

78 100

77 24.9 18.8 28.2

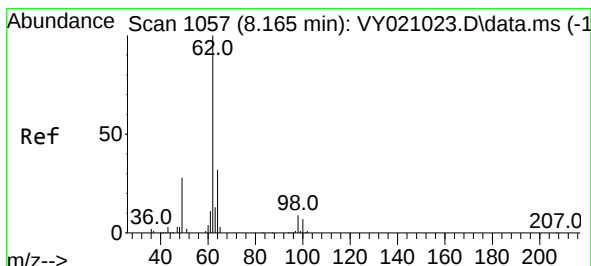
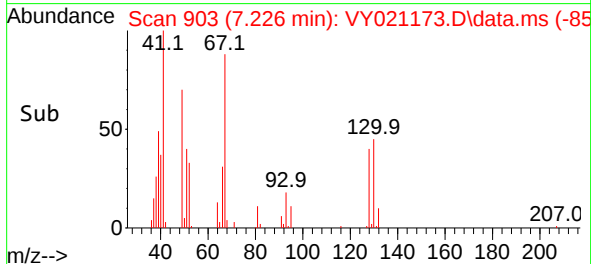
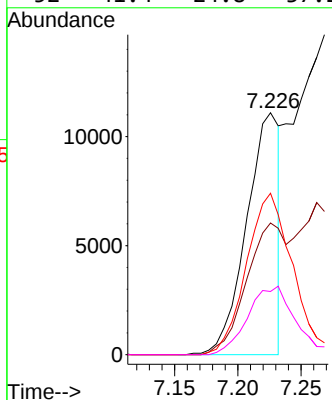
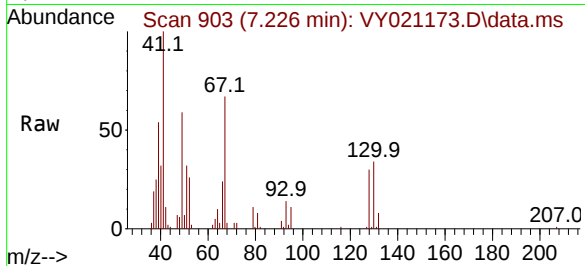




#41
Methacrylonitrile
Concen: 42.422 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

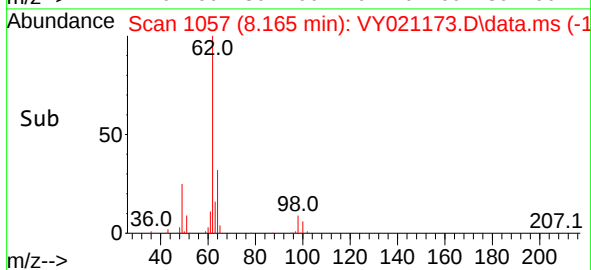
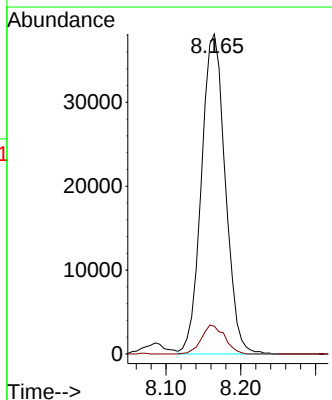
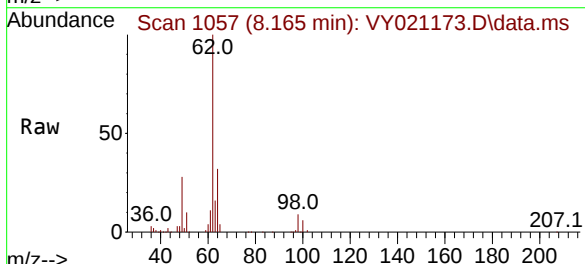
Instrument :
MSVOA_Y
ClientSampleId :

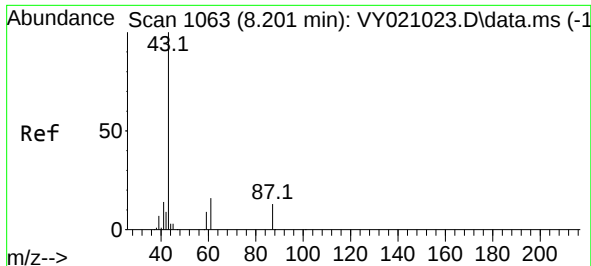
Tgt Ion:	41	Resp:	20181
Ion Ratio	Lower	Upper	
41	100		
39	64.1	41.9	62.9#
67	93.6	59.8	89.6#
52	41.4	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 55.502 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion:	62	Resp:	84692
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	20.2

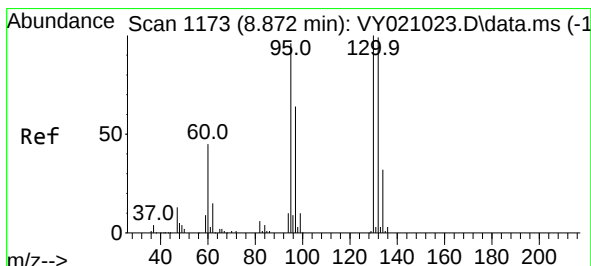
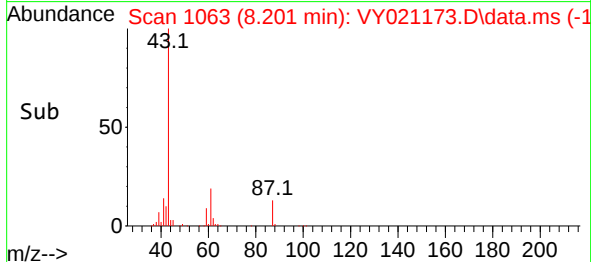
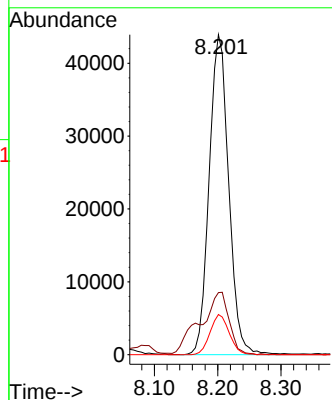
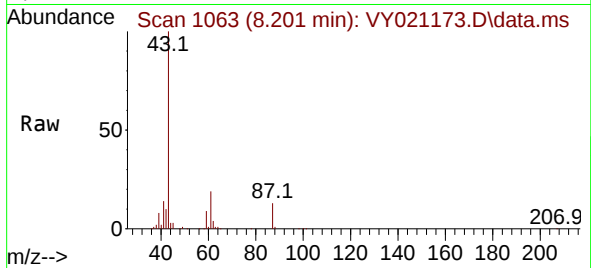




#43
Isopropyl Acetate
Concen: 57.619 ug/l
RT: 8.201 min Scan# 11063
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

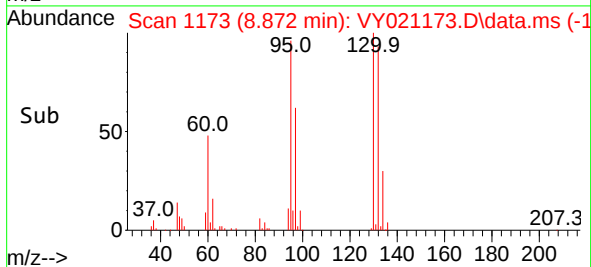
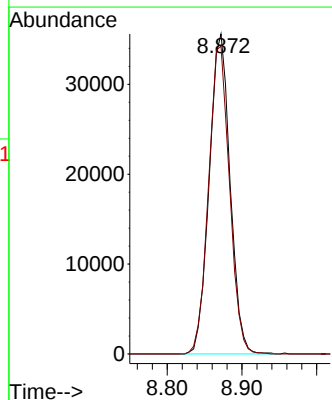
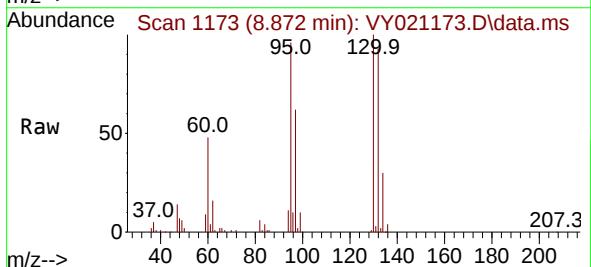
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 94144
Ion Ratio Lower Upper
43 100
61 28.8 24.8 37.2
87 12.3 10.7 16.1



#44
Trichloroethene
Concen: 48.483 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion:130 Resp: 68903
Ion Ratio Lower Upper
130 100
95 96.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 53.597 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

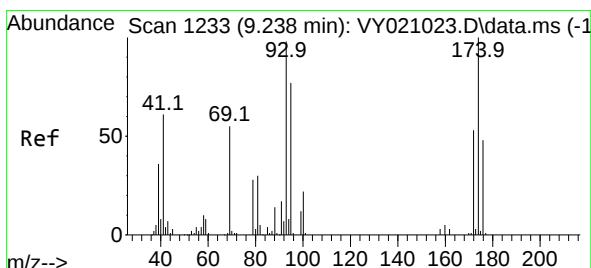
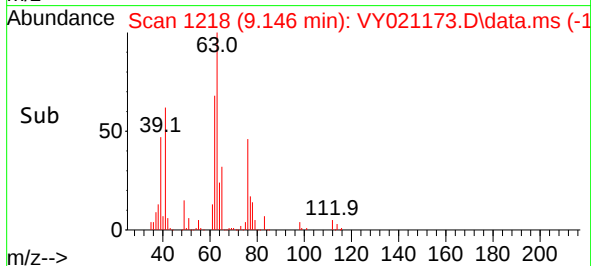
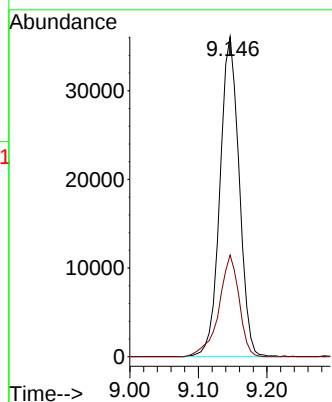
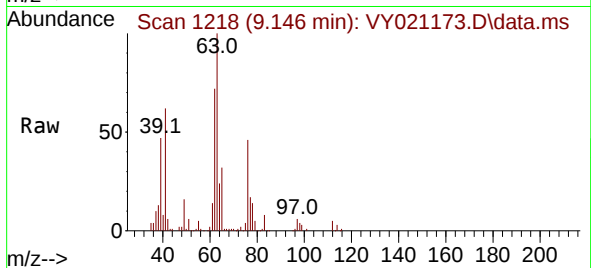
ClientSampleId :

Tgt Ion: 63 Resp: 69977

Ion Ratio Lower Upper

63 100

65 31.7 24.6 36.8



#46

Dibromomethane

Concen: 54.829 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

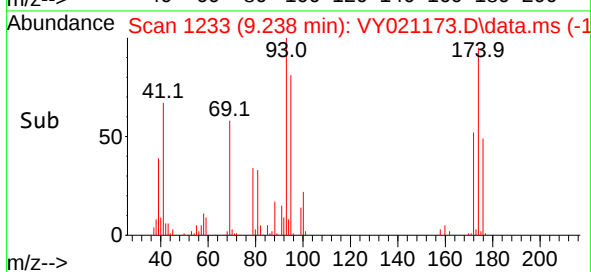
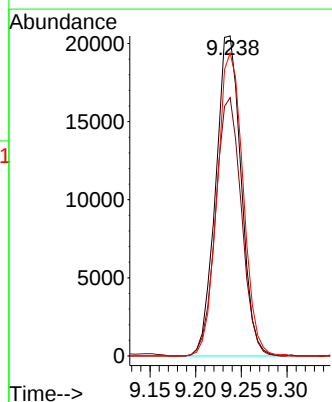
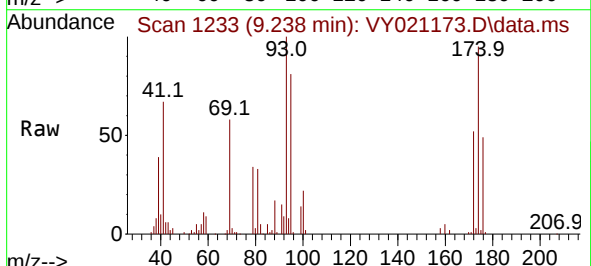
Tgt Ion: 93 Resp: 39635

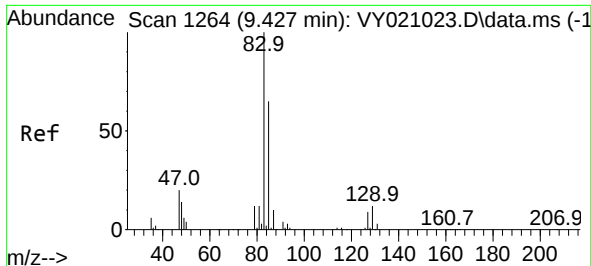
Ion Ratio Lower Upper

93 100

95 81.9 66.6 99.8

174 96.6 73.8 110.6

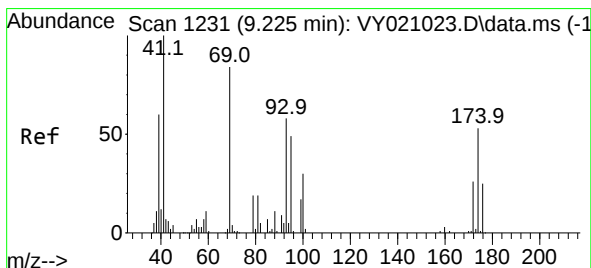
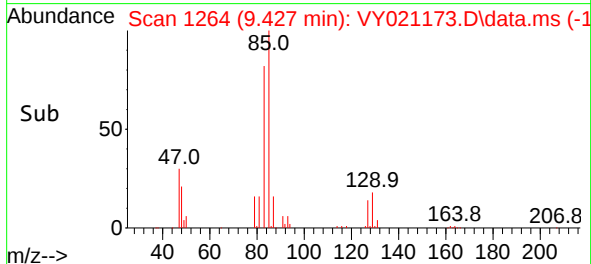
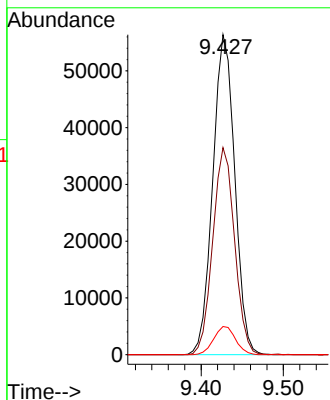
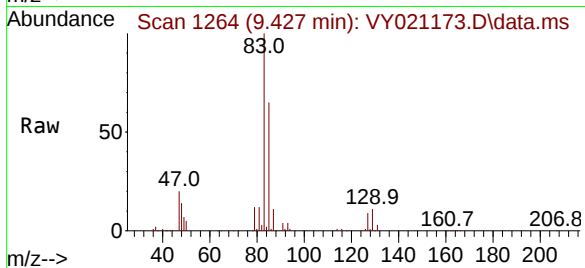




#47
Bromodichloromethane
Concen: 54.079 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

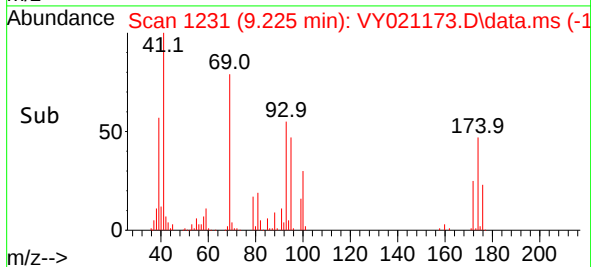
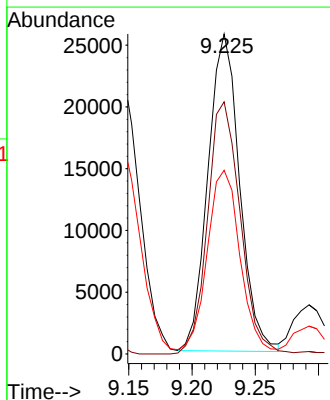
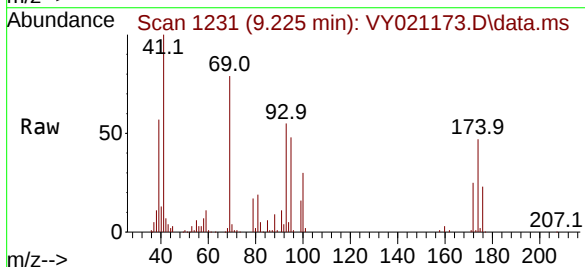
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 104846
Ion Ratio Lower Upper
83 100
85 64.7 53.2 79.8
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 60.048 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 41 Resp: 44691
Ion Ratio Lower Upper
41 100
69 81.9 72.1 108.1
39 60.6 42.8 64.2





#49

1,4-Dioxane

Concen: 1177.492 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

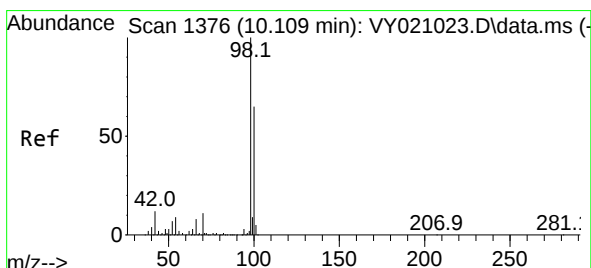
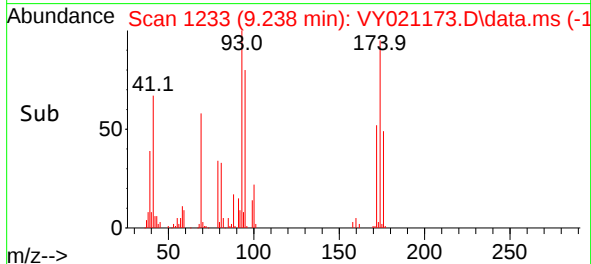
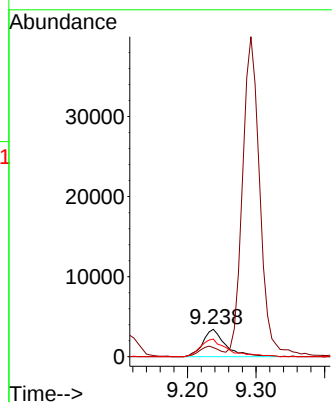
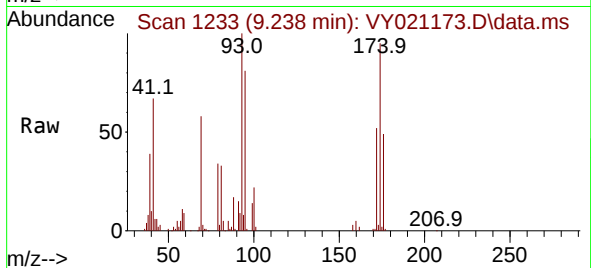
Tgt Ion: 88 Resp: 7924

Ion Ratio Lower Upper

88 100

43 34.5 28.2 42.4

58 76.1 52.2 78.2



#50

Toluene-d8

Concen: 43.146 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021173.D

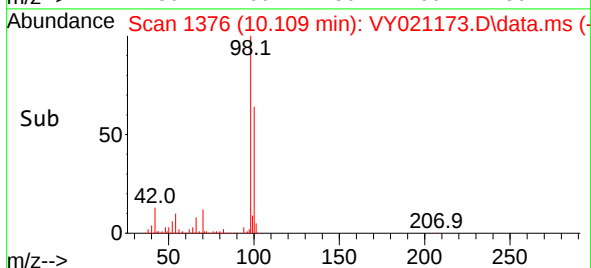
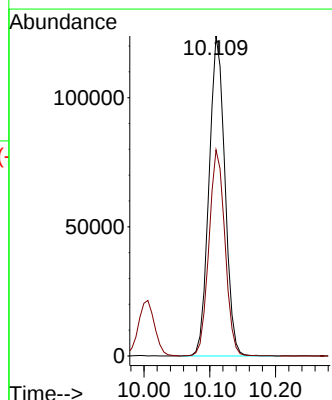
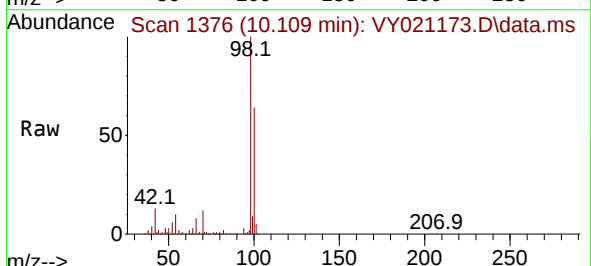
Acq: 11 Feb 2025 16:25

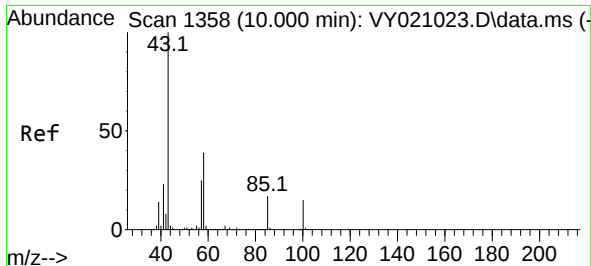
Tgt Ion: 98 Resp: 207870

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

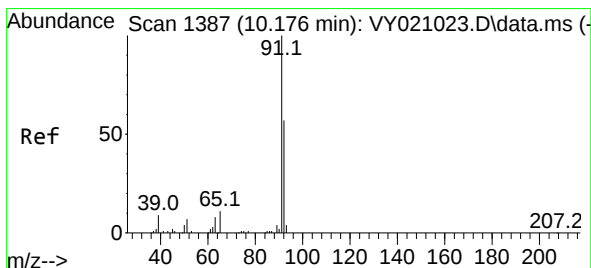
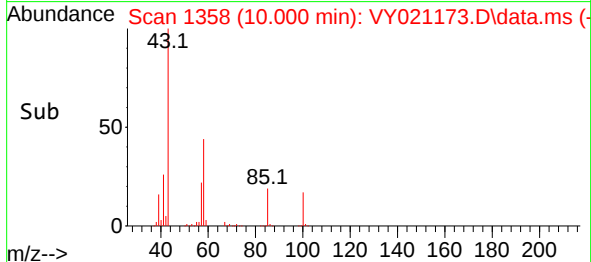
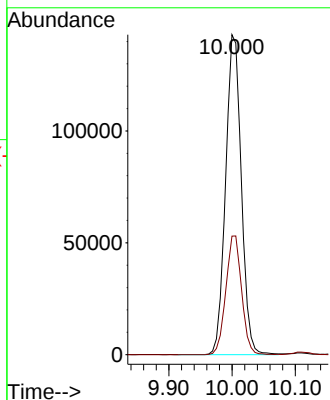
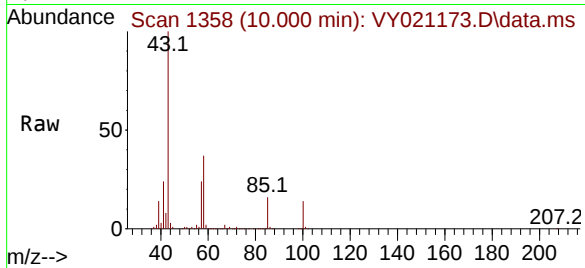




#51
4-Methyl-2-Pentanone
Concen: 299.757 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

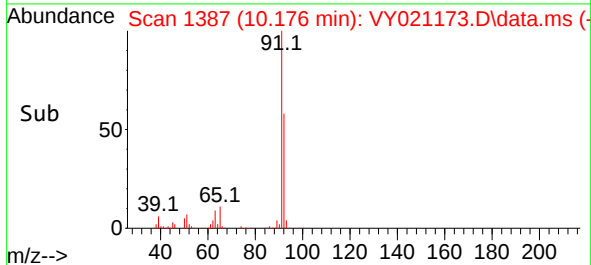
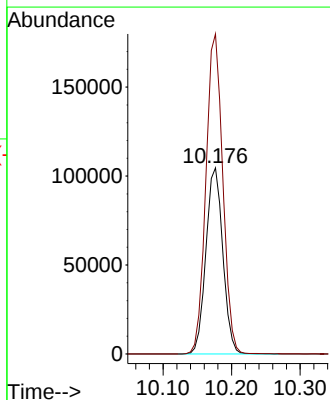
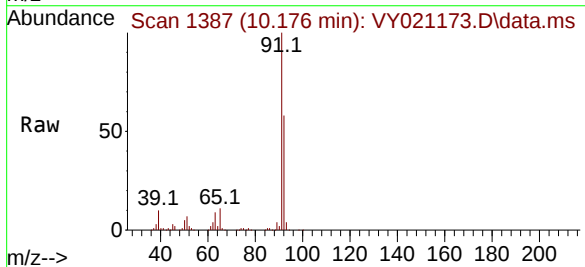
Instrument :
MSVOA_Y
ClientSampleId :

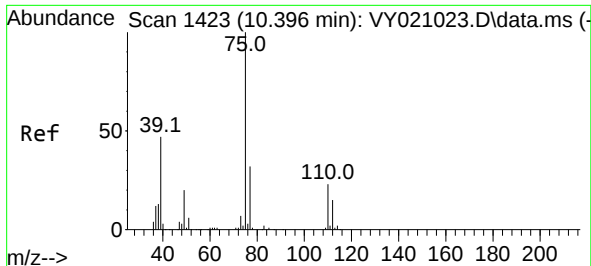
Tgt Ion: 43 Resp: 246294
Ion Ratio Lower Upper
43 100
58 37.3 32.2 48.2



#52
Toluene
Concen: 51.982 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 92 Resp: 179543
Ion Ratio Lower Upper
92 100
91 171.6 137.6 206.4

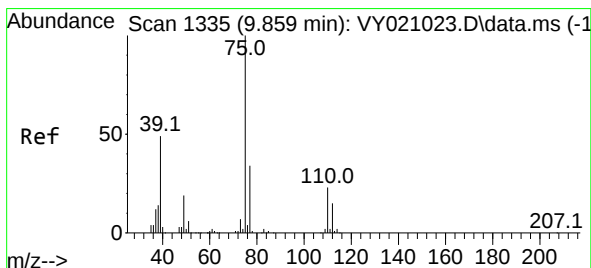
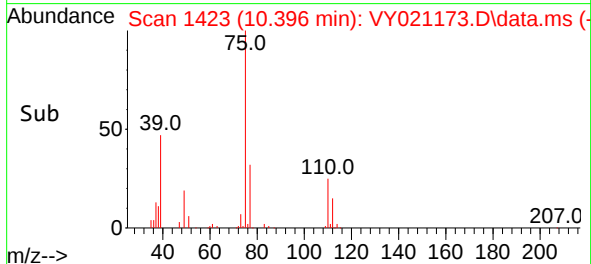
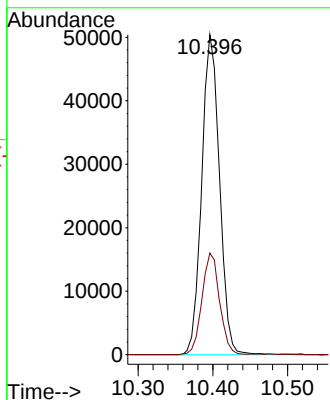
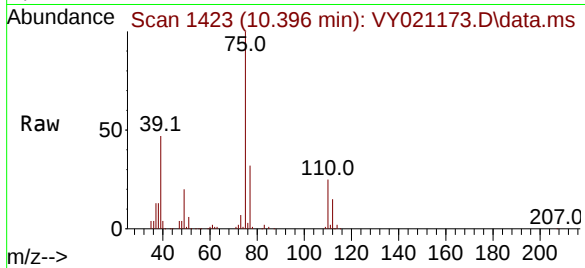




#53
 t-1,3-Dichloropropene
 Concen: 47.884 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021173.D
 Acq: 11 Feb 2025 16:25

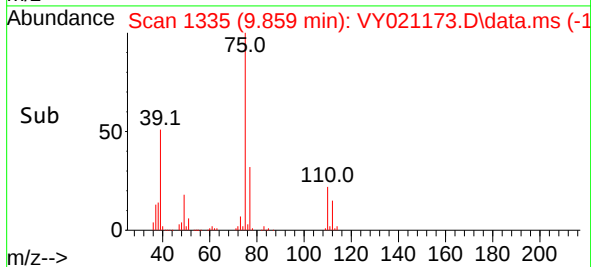
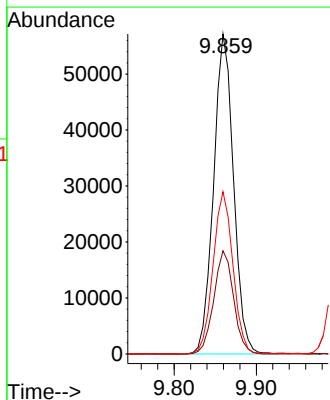
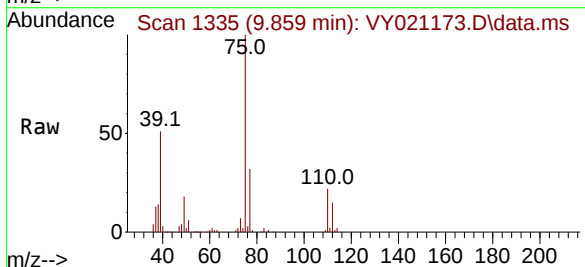
Instrument :
 MSVOA_Y
 ClientSampleId :

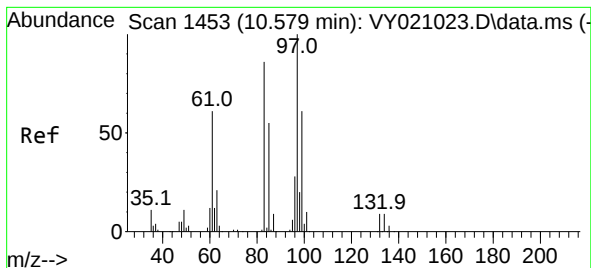
Tgt Ion: 75 Resp: 83359
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.770 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021173.D
 Acq: 11 Feb 2025 16:25

Tgt Ion: 75 Resp: 96403
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 50.7 33.6 50.4#





#55

1,1,2-Trichloroethane

Concen: 55.353 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 51816

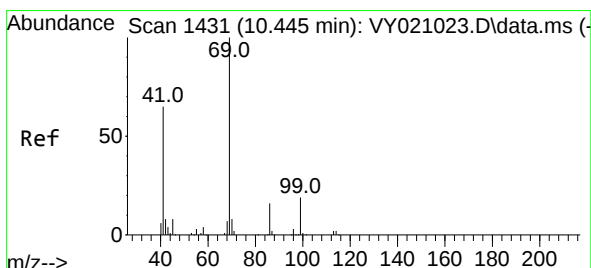
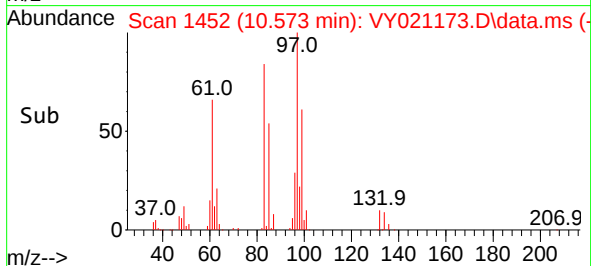
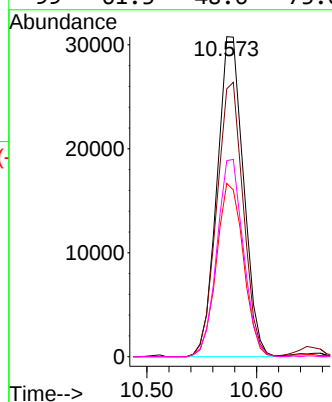
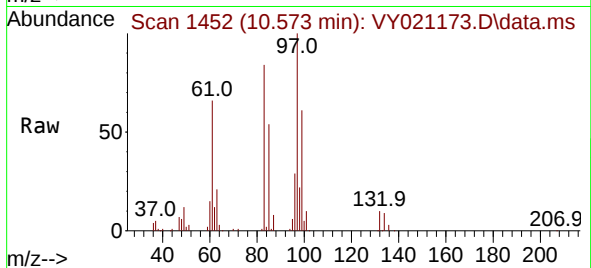
Ion Ratio Lower Upper

97 100

83 83.7 69.4 104.2

85 54.1 43.9 65.9

99 61.3 48.6 73.0



#56

Ethyl methacrylate

Concen: 58.241 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

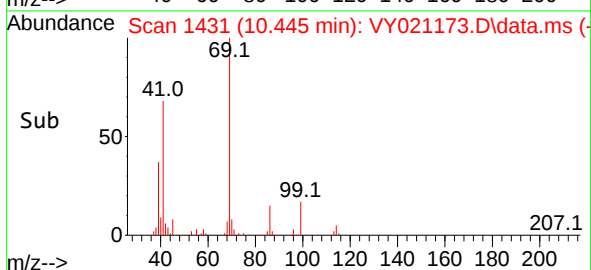
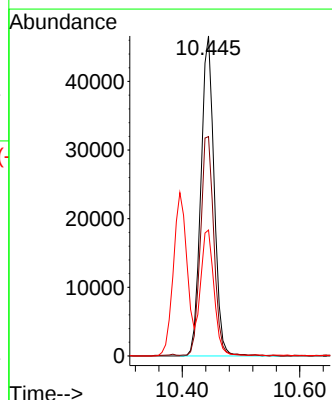
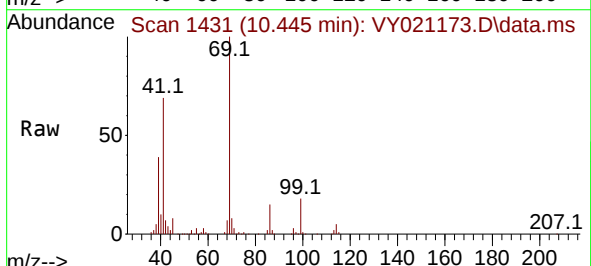
Tgt Ion: 69 Resp: 72935

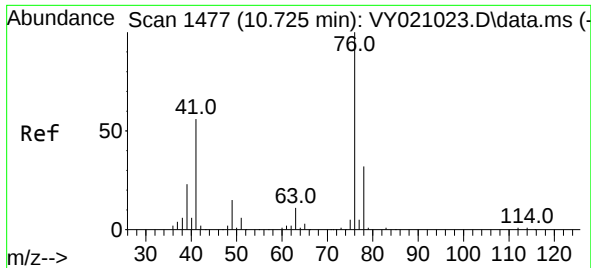
Ion Ratio Lower Upper

69 100

41 69.0 49.2 73.8

39 39.6 26.8 40.2

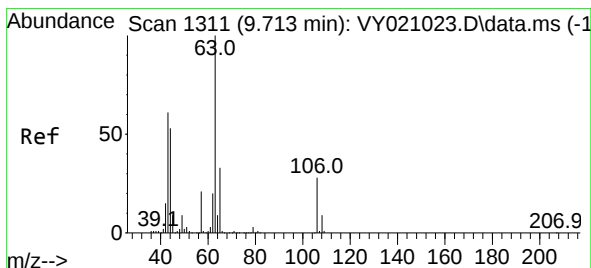
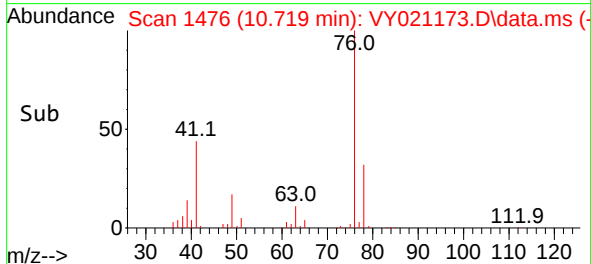
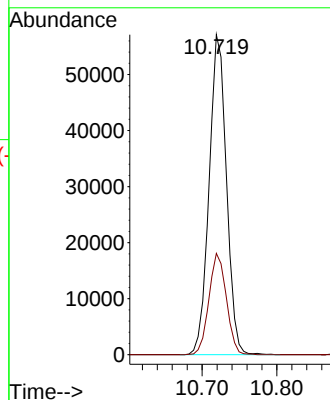
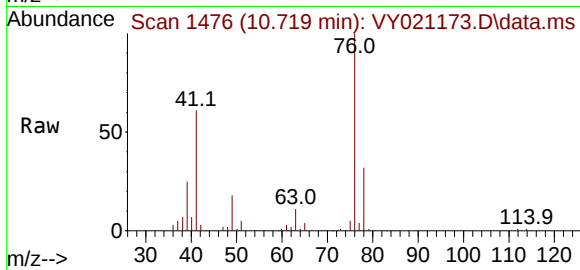




#57
1,3-Dichloropropane
Concen: 56.922 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

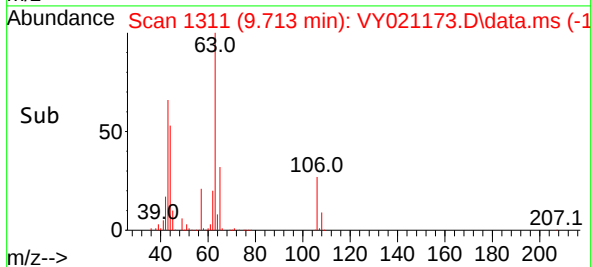
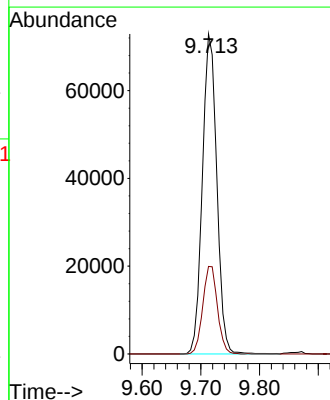
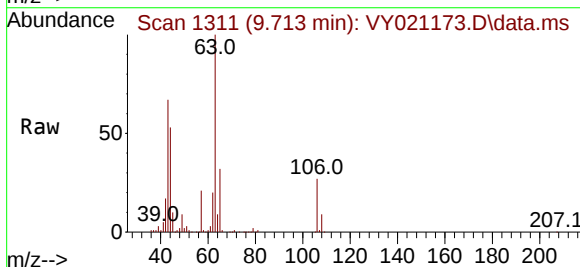
Instrument :
MSVOA_Y
ClientSampleId :

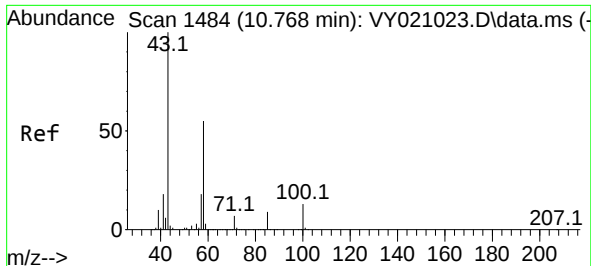
Tgt Ion: 76 Resp: 92229
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 208.362 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

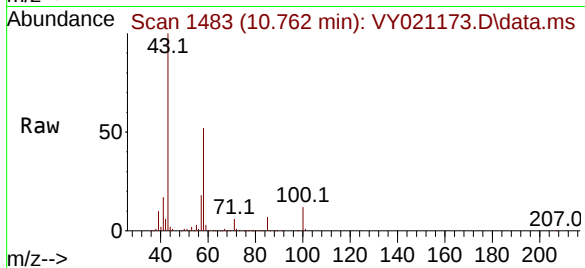
Tgt Ion: 63 Resp: 124136
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6



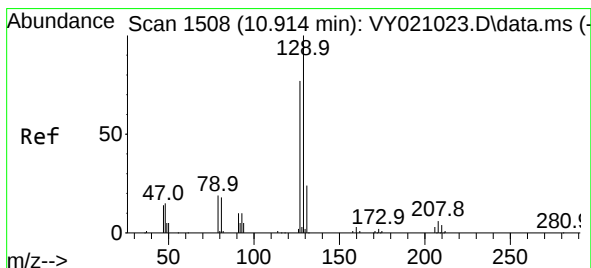
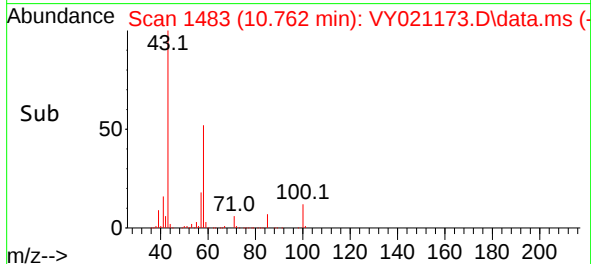
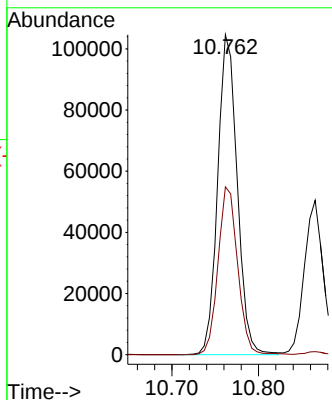


#59
2-Hexanone
Concen: 310.298 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Instrument :
MSVOA_Y
ClientSampleId :

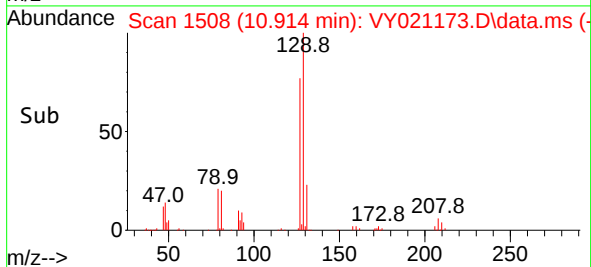
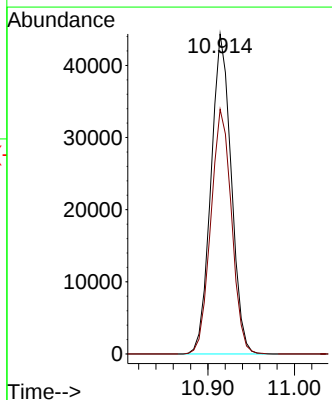
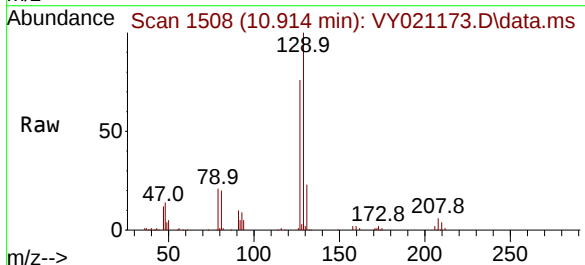


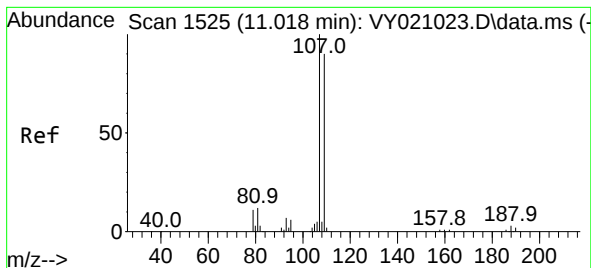
Tgt Ion: 43 Resp: 164155
Ion Ratio Lower Upper
43 100
58 52.7 28.1 84.3



#60
Dibromochloromethane
Concen: 54.950 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 129 Resp: 72238
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6

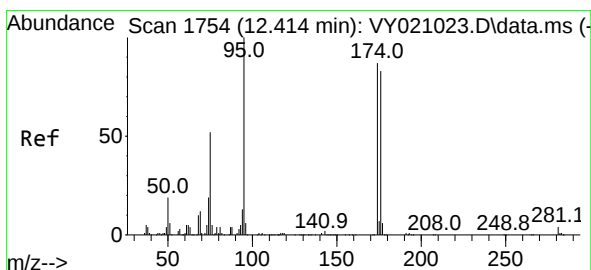
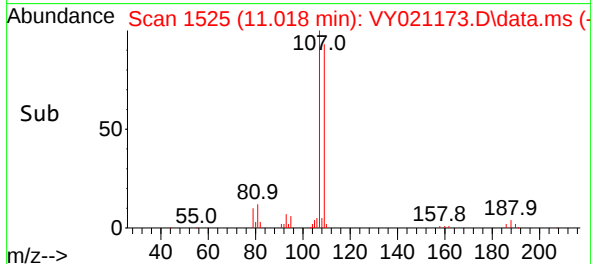
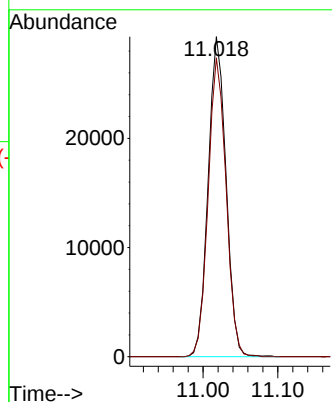
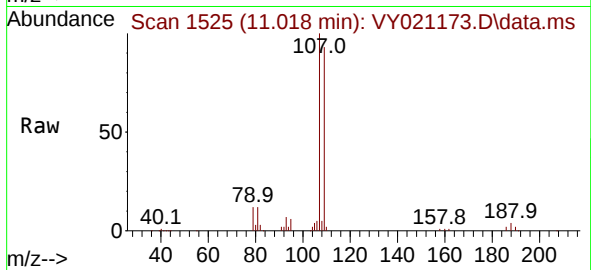




#61
1,2-Dibromoethane
Concen: 55.504 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

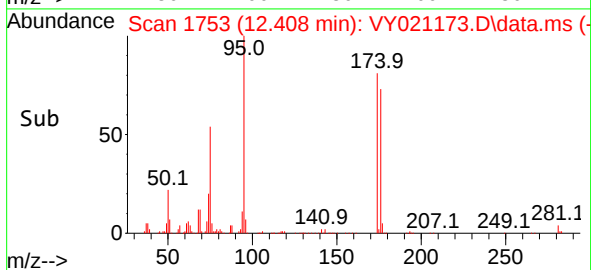
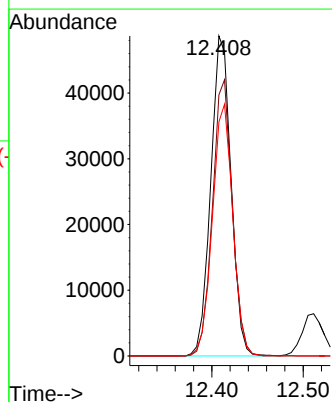
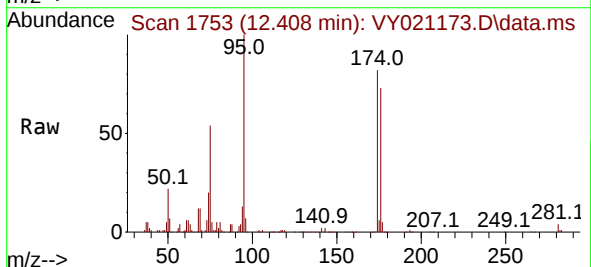
Instrument :
MSVOA_Y
ClientSampleId :

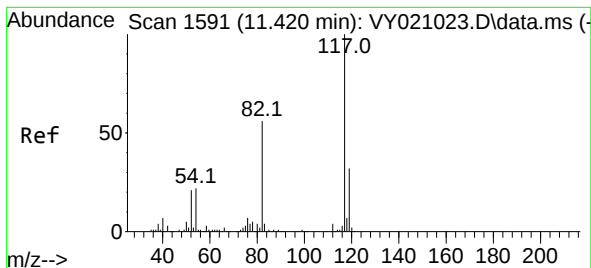
Tgt Ion:107 Resp: 48667
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.623 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 95 Resp: 74957
Ion Ratio Lower Upper
95 100
174 84.4 0.0 160.0
176 79.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

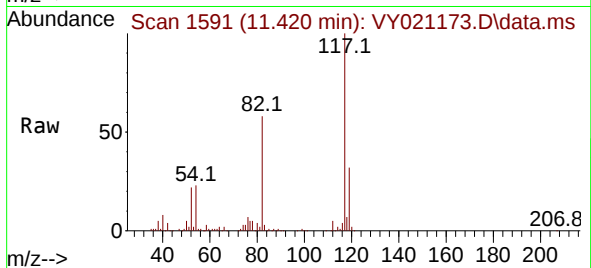
Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :



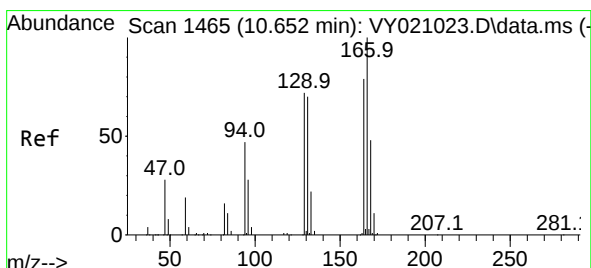
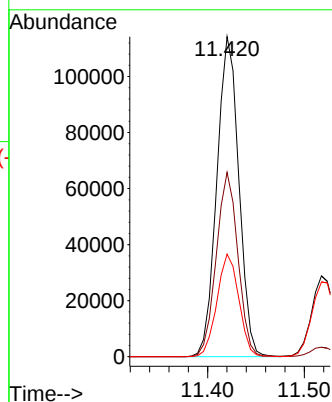
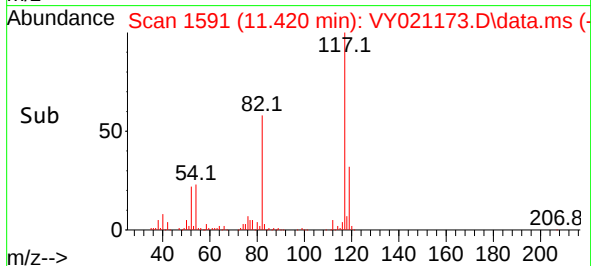
Tgt Ion:117 Resp: 180137

Ion Ratio Lower Upper

117 100

82 57.6 43.8 65.8

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 43.551 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Tgt Ion:164 Resp: 58239

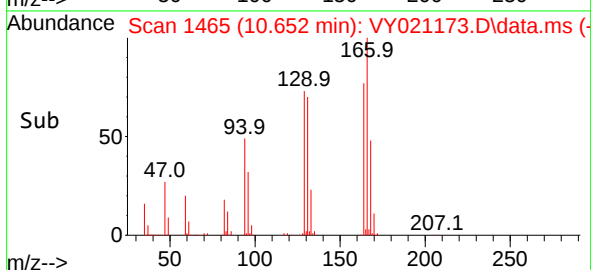
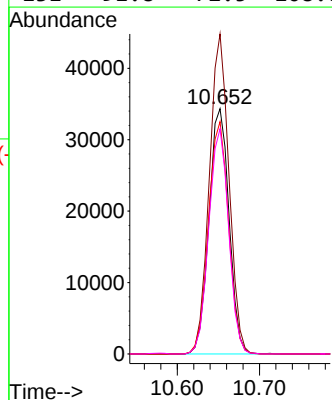
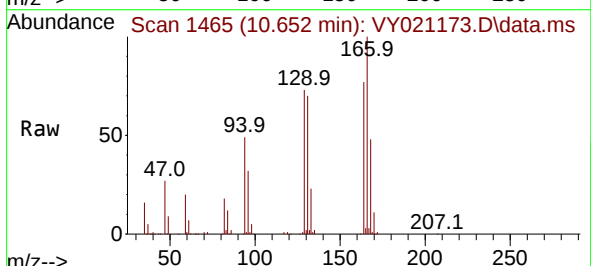
Ion Ratio Lower Upper

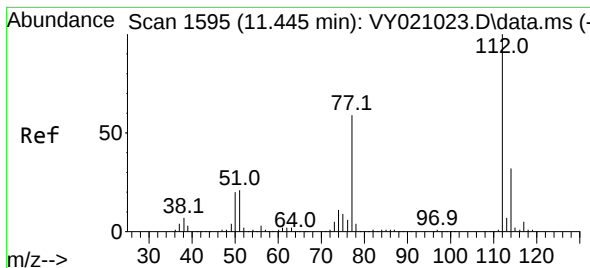
164 100

166 130.5 98.8 148.2

129 94.7 78.9 118.3

131 91.8 72.5 108.7

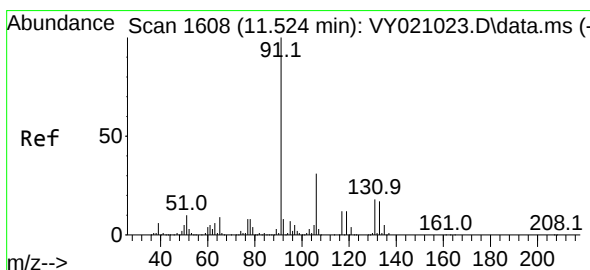
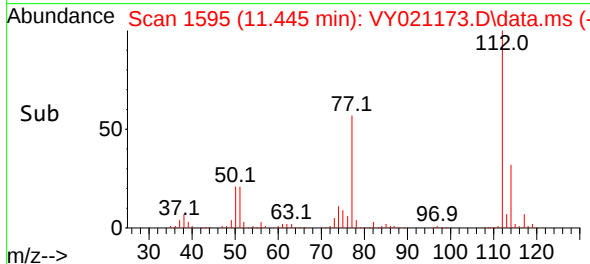
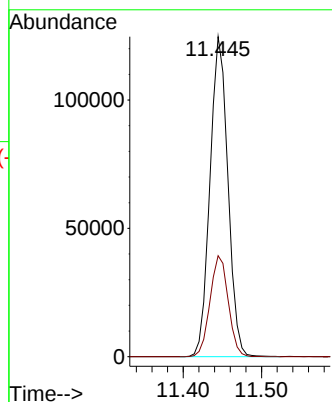
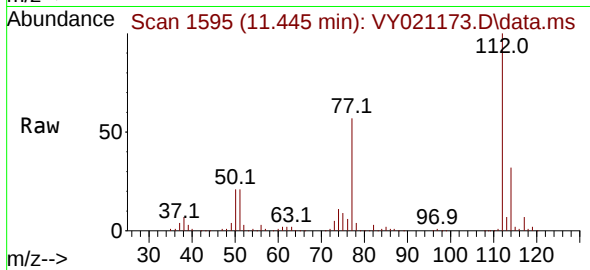




#65
Chlorobenzene
Concen: 49.370 ug/l
RT: 11.445 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

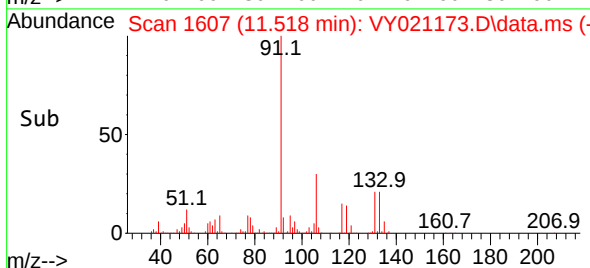
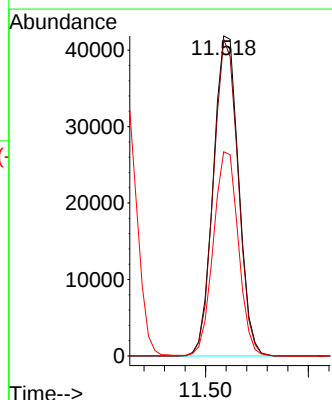
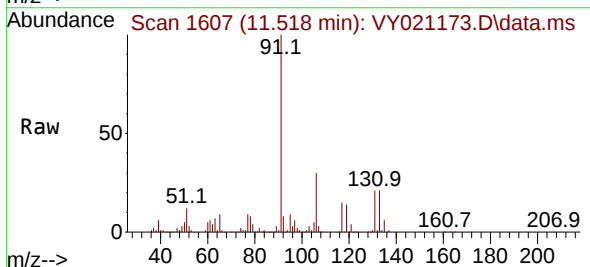
Instrument :
MSVOA_Y
ClientSampleId :

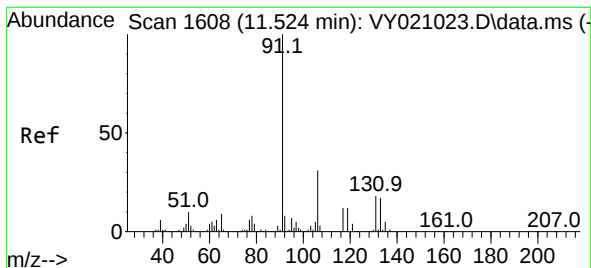
Tgt Ion:112 Resp: 198027
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.066 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion:131 Resp: 71365
Ion Ratio Lower Upper
131 100
133 96.5 47.0 141.0
119 63.1 33.3 99.9





#67

Ethyl Benzene

Concen: 48.285 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

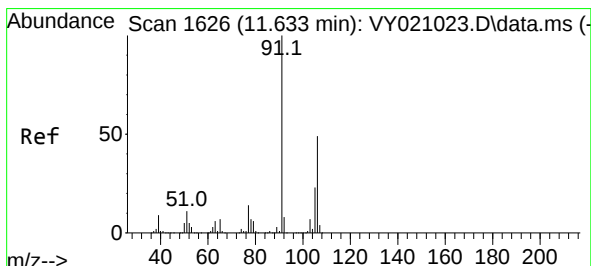
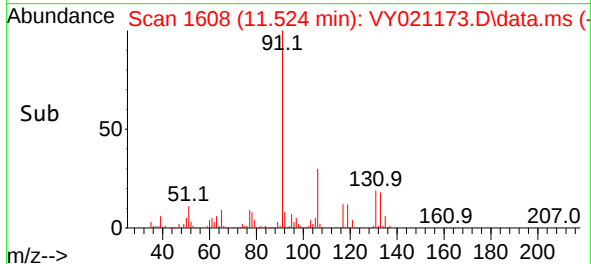
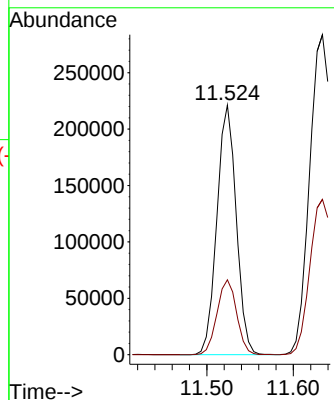
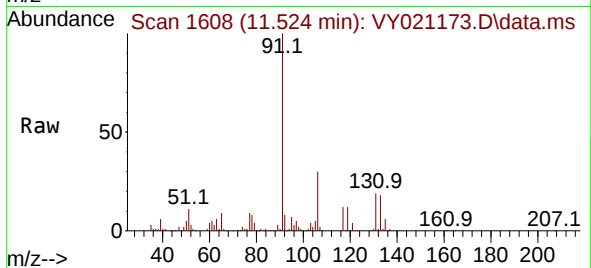
ClientSampleId :

Tgt Ion: 91 Resp: 342560

Ion Ratio Lower Upper

91 100

106 30.0 25.0 37.4



#68

m/p-Xylenes

Concen: 96.596 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021173.D

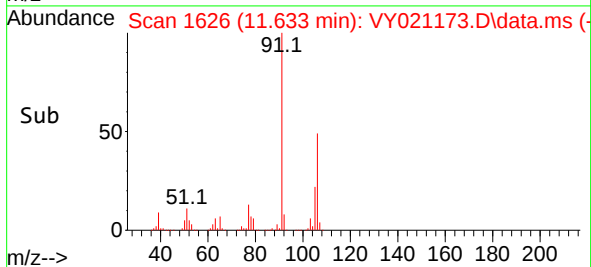
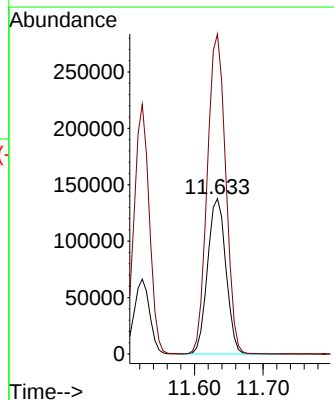
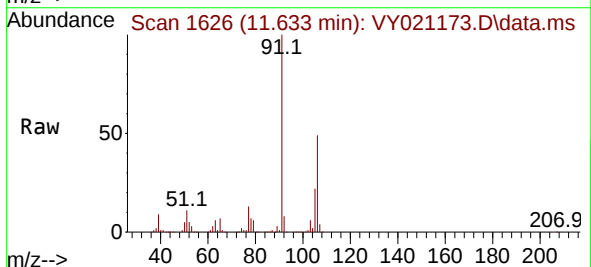
Acq: 11 Feb 2025 16:25

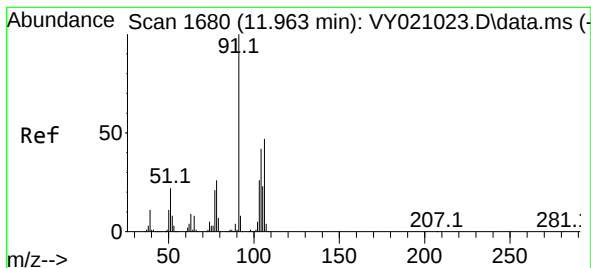
Tgt Ion:106 Resp: 256370

Ion Ratio Lower Upper

106 100

91 206.2 160.7 241.1





#69

o-Xylene

Concen: 50.420 ug/l

RT: 11.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

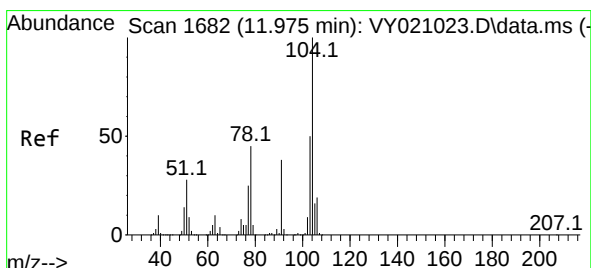
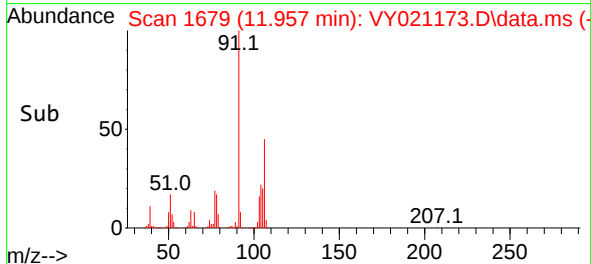
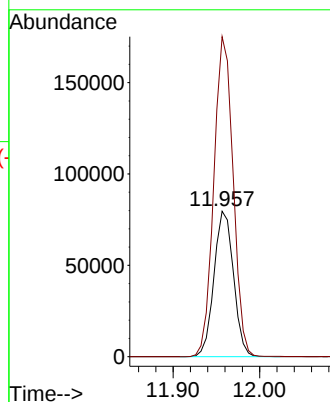
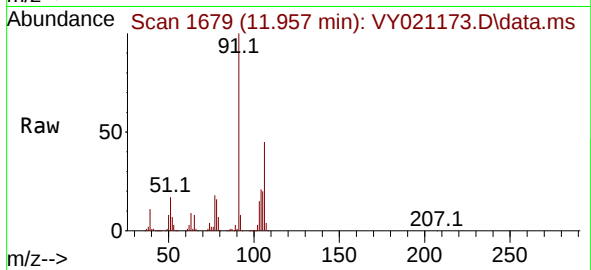
ClientSampleId :

Tgt Ion:106 Resp: 124761

Ion Ratio Lower Upper

106 100

91 217.6 106.5 319.5



#70

Styrene

Concen: 51.705 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

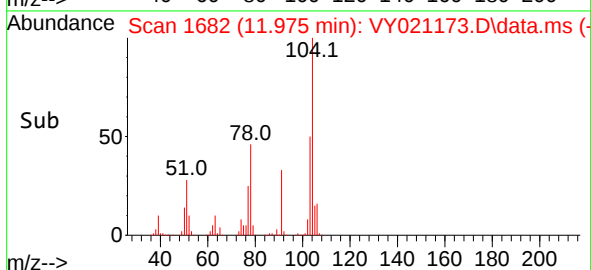
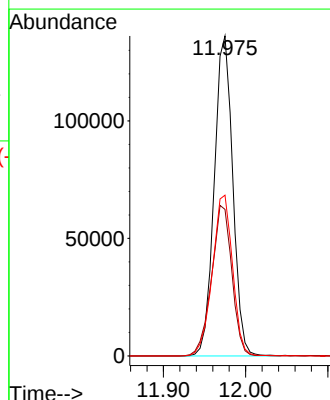
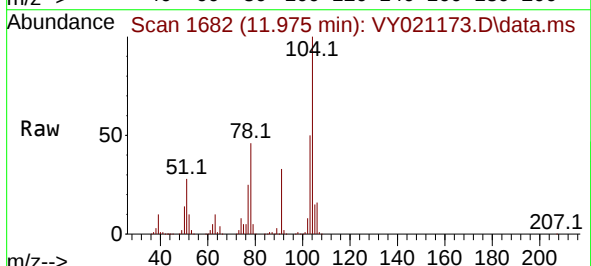
Tgt Ion:104 Resp: 213241

Ion Ratio Lower Upper

104 100

78 51.6 39.2 58.8

103 54.9 43.8 65.6





#71

Bromoform

Concen: 53.932 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

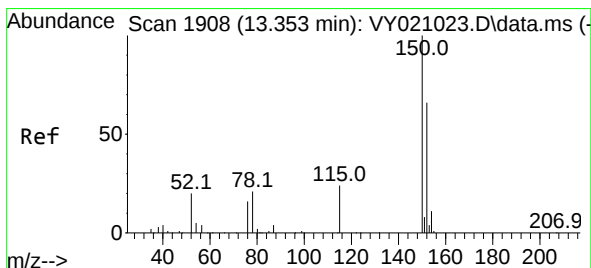
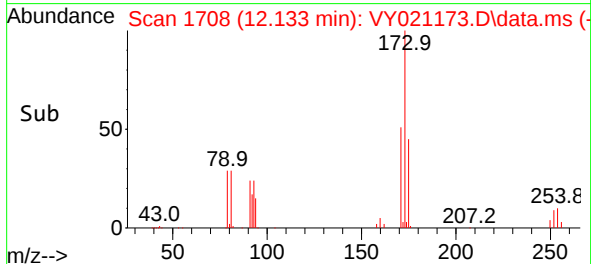
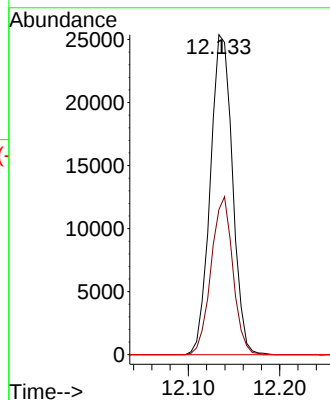
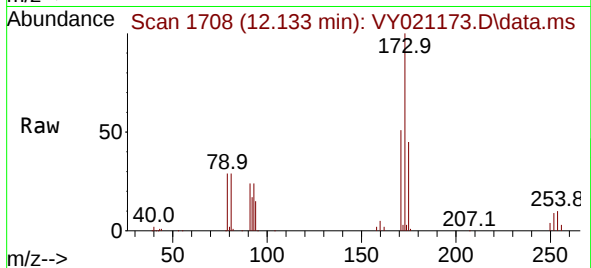
Tgt Ion:173 Resp: 42791

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

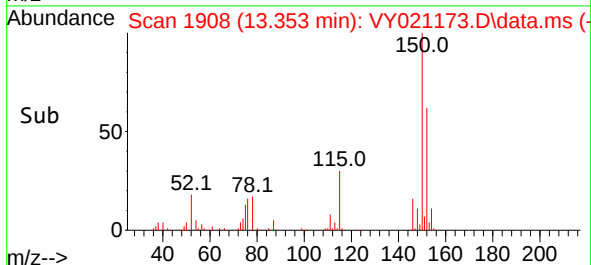
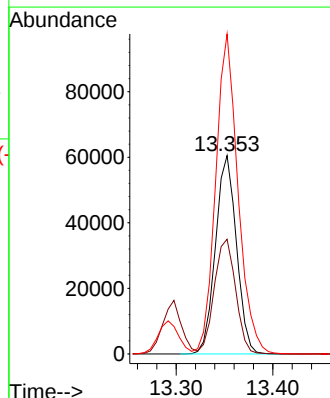
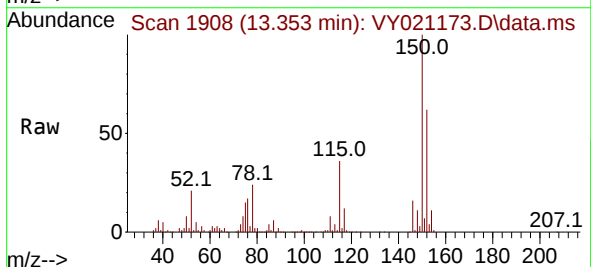
Tgt Ion:152 Resp: 90986

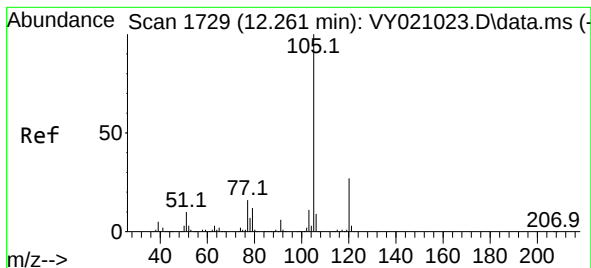
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 171.8 0.0 344.6





#73

Isopropylbenzene

Concen: 44.945 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

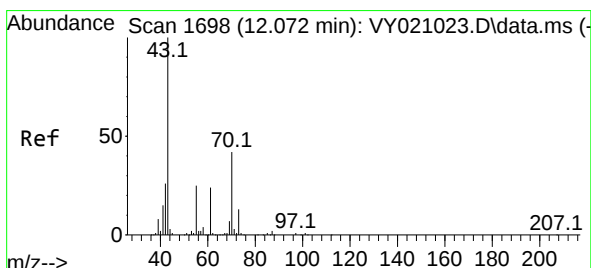
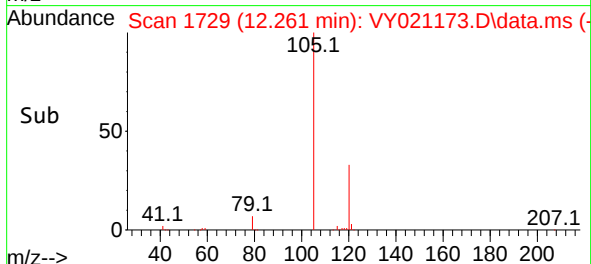
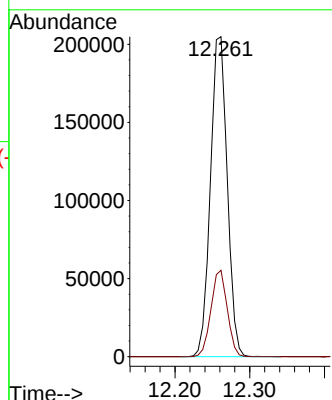
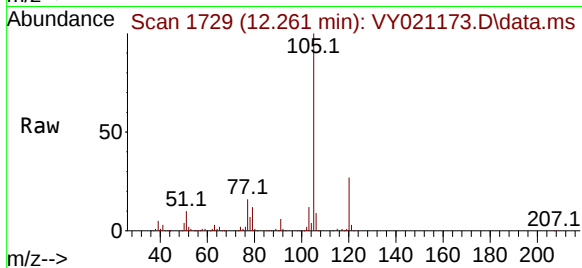
ClientSampleId :

Tgt Ion:105 Resp: 319435

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 53.083 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Tgt Ion: 43 Resp: 82484

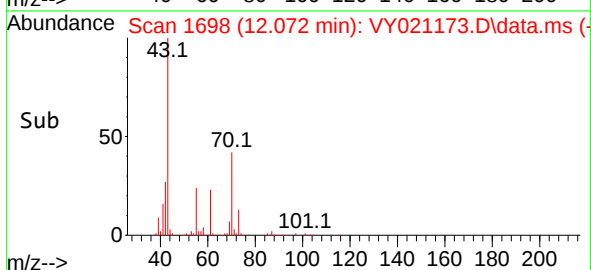
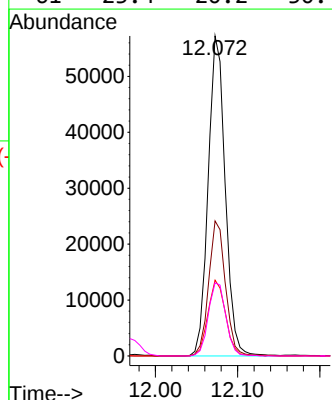
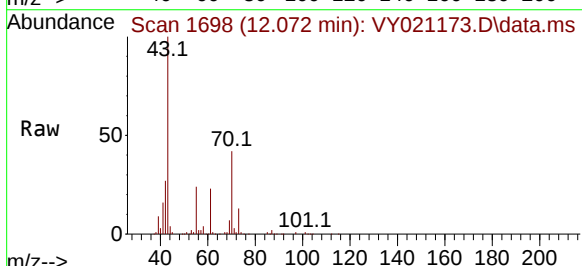
Ion Ratio Lower Upper

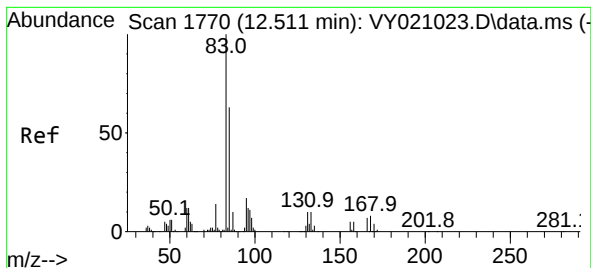
43 100

70 41.6 36.6 55.0

55 24.6 22.2 33.4

61 23.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.018 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

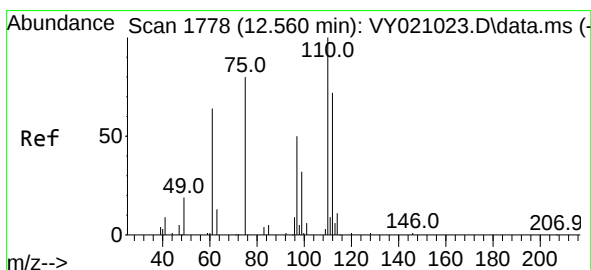
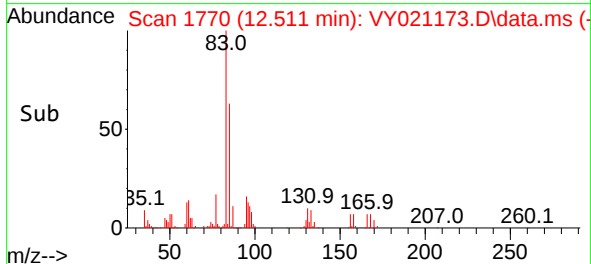
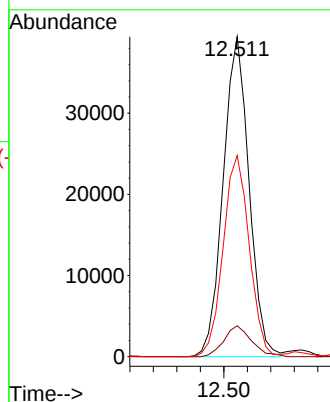
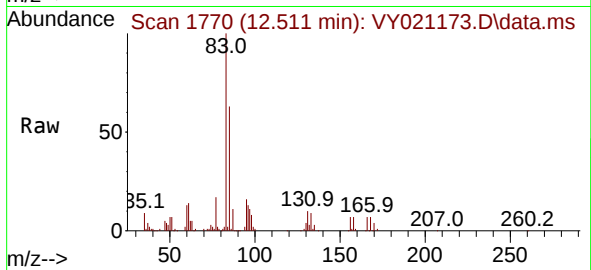
Tgt Ion: 83 Resp: 60305

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.6

85 63.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 88.706 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021173.D

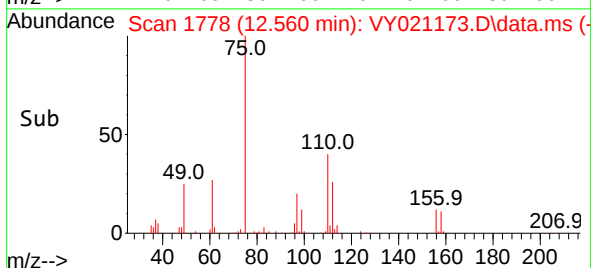
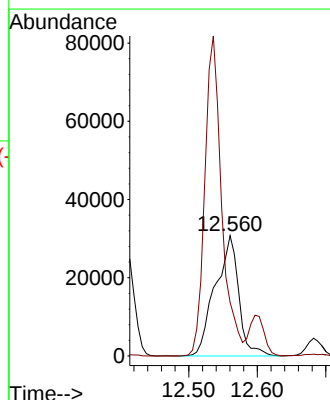
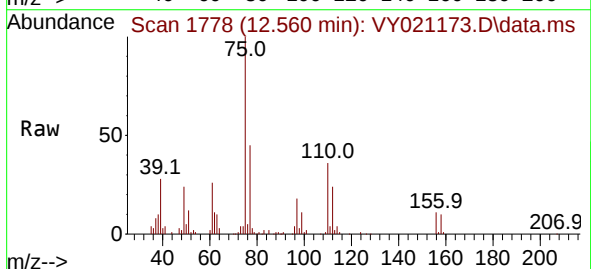
Acq: 11 Feb 2025 16:25

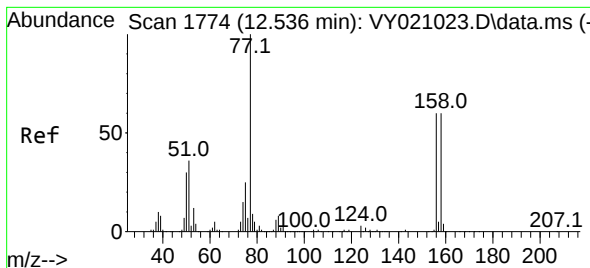
Tgt Ion: 75 Resp: 73214

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.635 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY021173.D

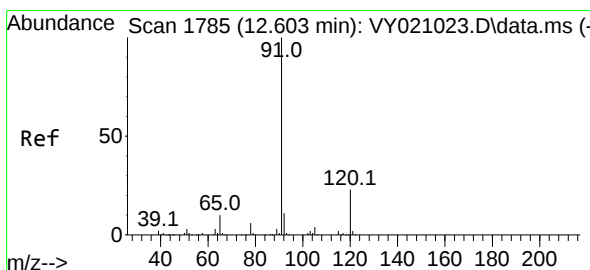
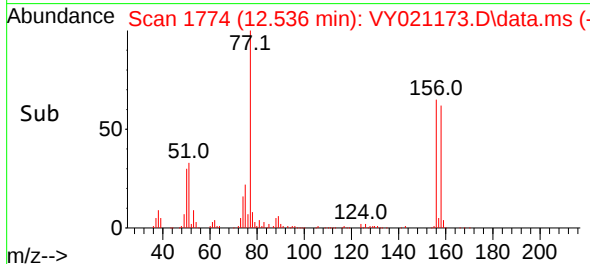
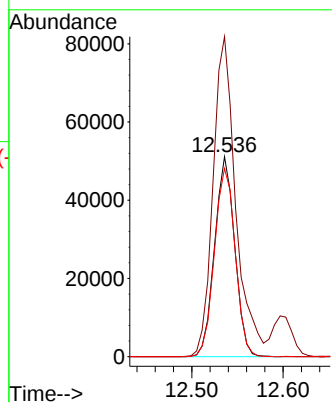
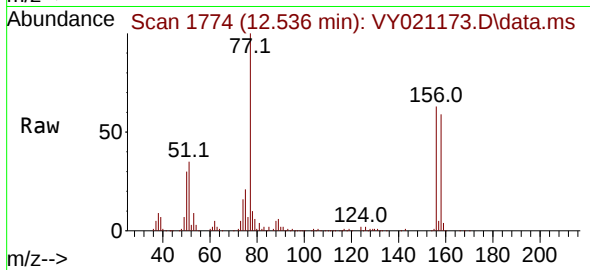
Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	78127
Ion Ratio	Lower	Upper	
156	100		
77	180.2	97.3	291.8
158	97.4	48.4	145.0



#78

n-propylbenzene

Concen: 44.674 ug/l

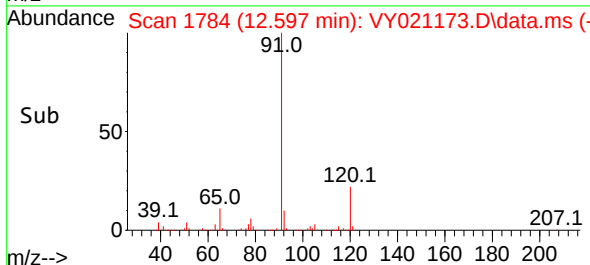
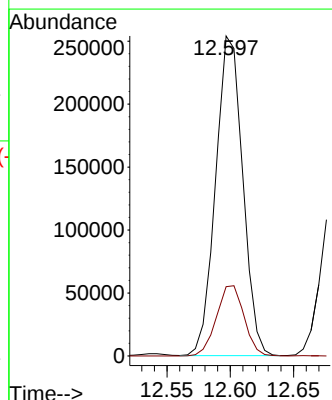
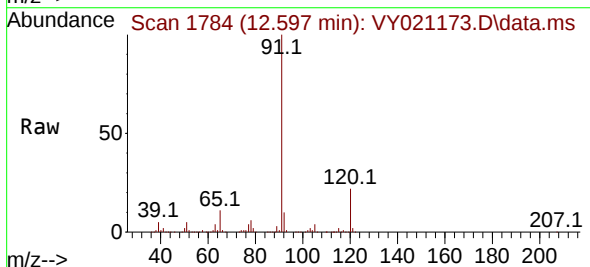
RT: 12.597 min Scan# 1784

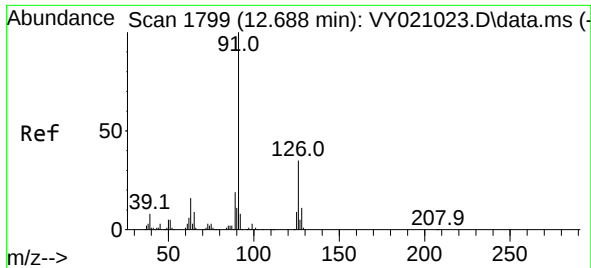
Delta R.T. -0.006 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Tgt Ion:	91	Resp:	378232
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.0	33.0

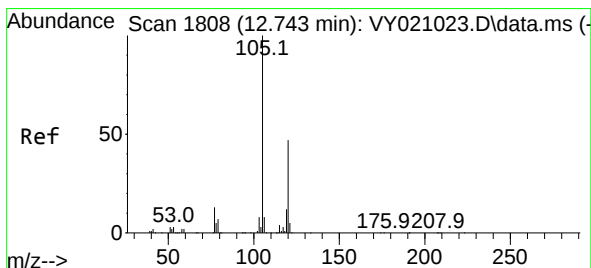
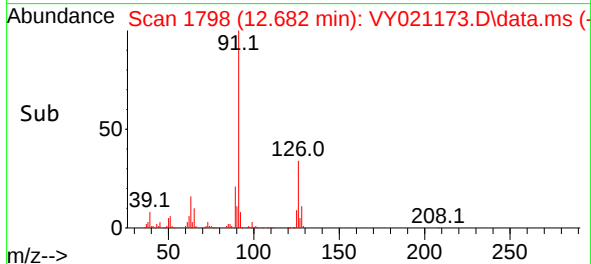
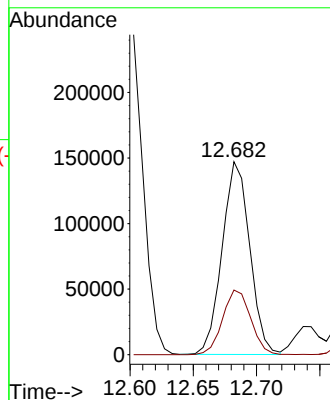
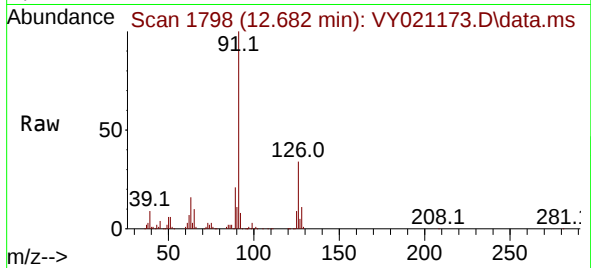




#79
2-Chlorotoluene
Concen: 46.086 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

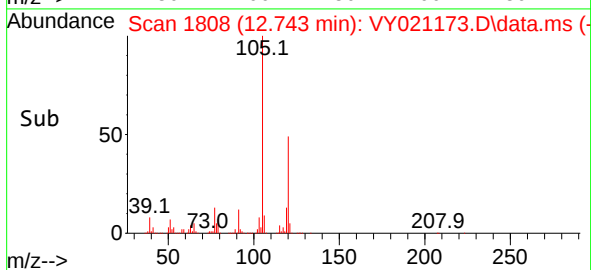
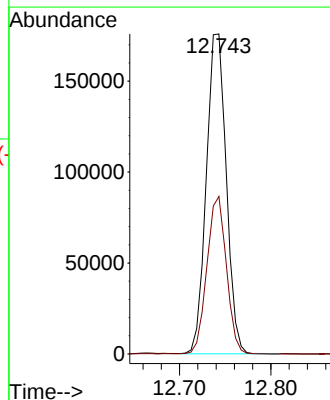
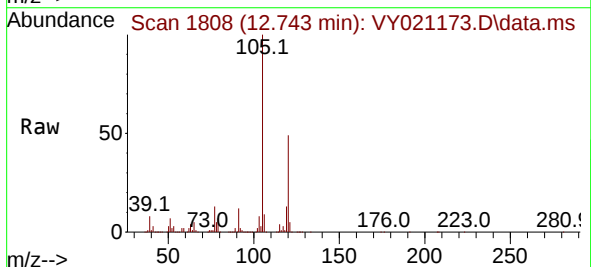
Instrument :
MSVOA_Y
ClientSampleId :

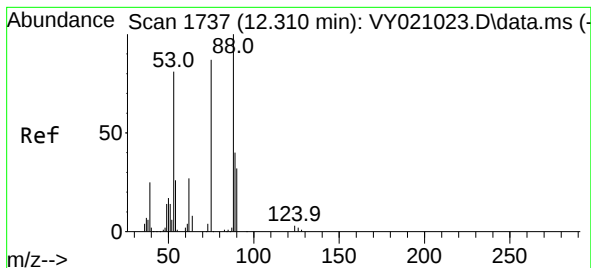
Tgt Ion: 91 Resp: 223478
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 46.234 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 105 Resp: 266416
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8

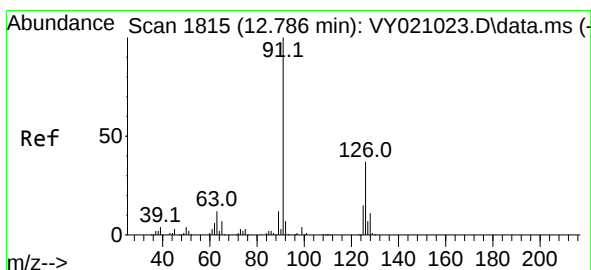
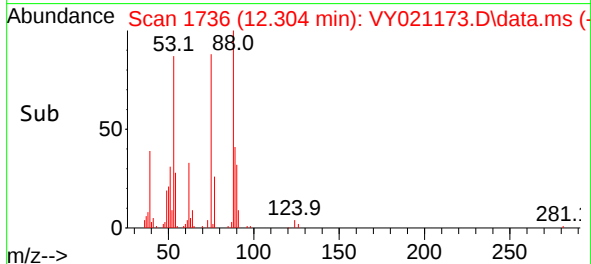
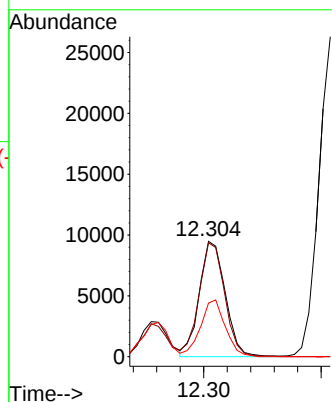
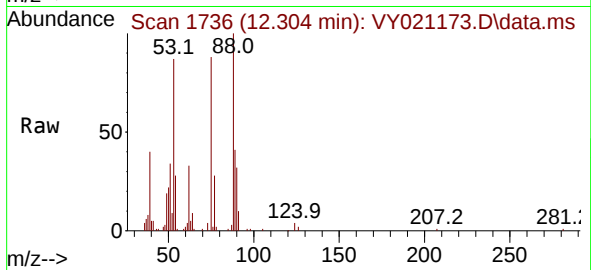




#81
trans-1,4-Dichloro-2-butene
Concen: 36.087 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

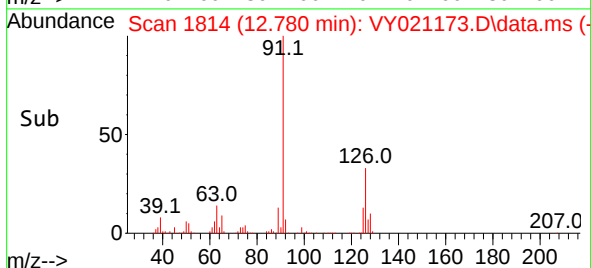
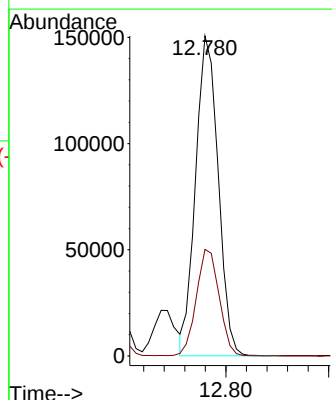
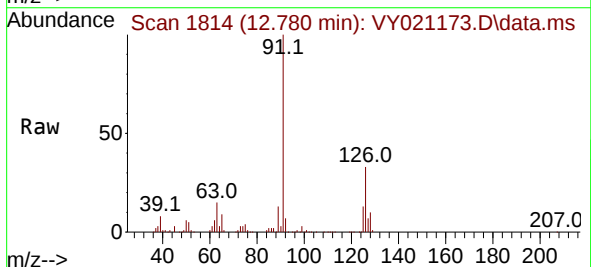
Instrument :
MSVOA_Y
ClientSampleId :

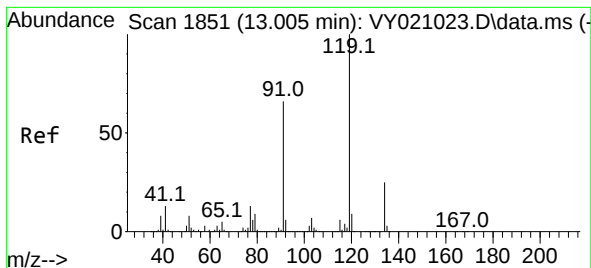
Tgt Ion: 75 Resp: 14597
Ion Ratio Lower Upper
75 100
53 96.7 74.0 111.0
89 46.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 46.550 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 91 Resp: 229982
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 43.925 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

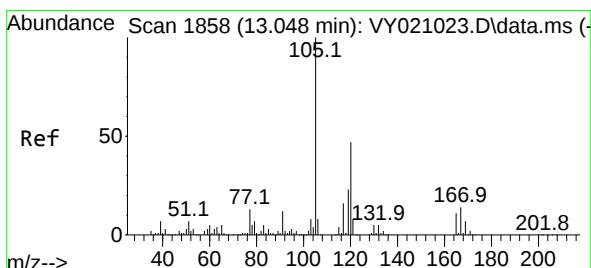
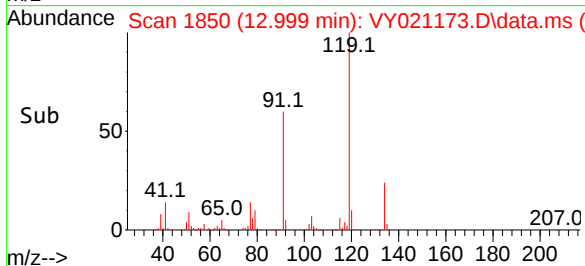
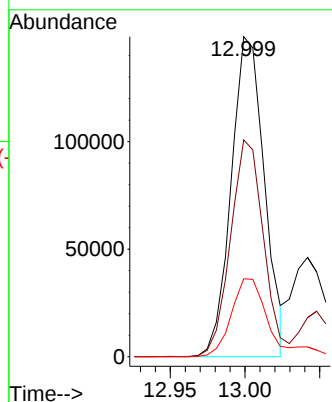
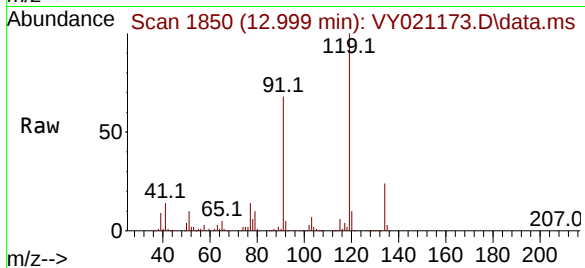
Tgt Ion:119 Resp: 230066

Ion Ratio Lower Upper

119 100

91 67.5 31.5 94.5

134 27.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 47.325 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY021173.D

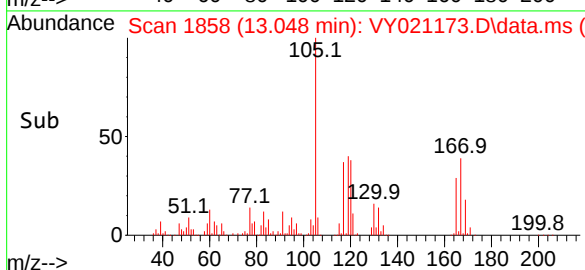
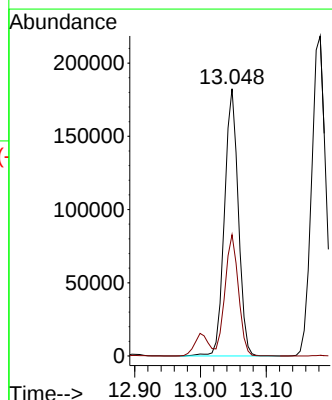
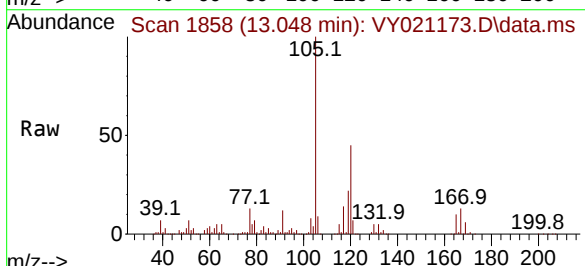
Acq: 11 Feb 2025 16:25

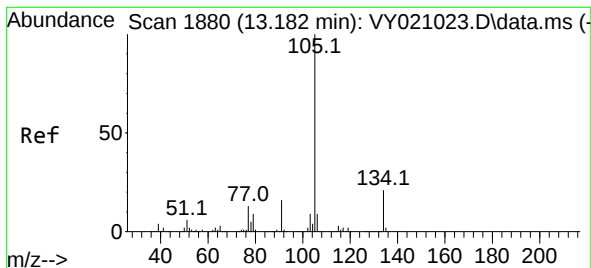
Tgt Ion:105 Resp: 266641

Ion Ratio Lower Upper

105 100

120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 43.386 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

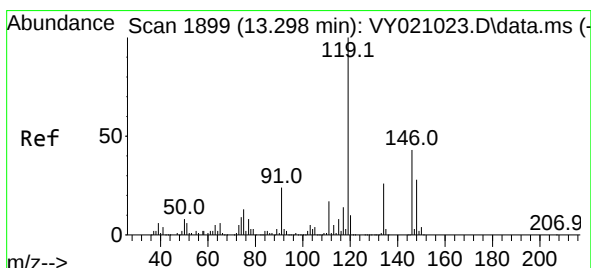
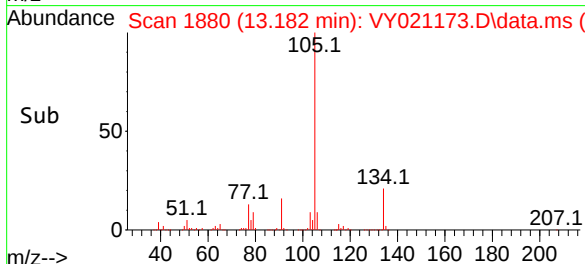
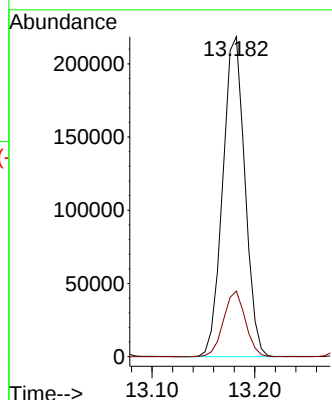
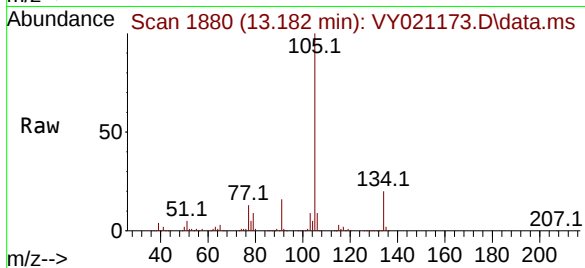
ClientSampleId :

Tgt Ion:105 Resp: 327109

Ion Ratio Lower Upper

105 100

134 20.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 43.745 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

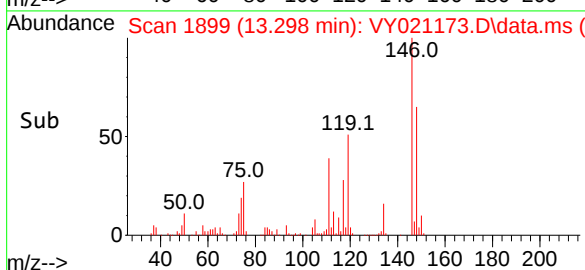
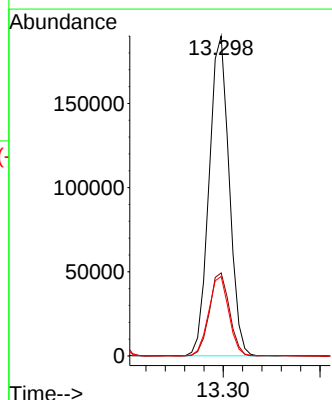
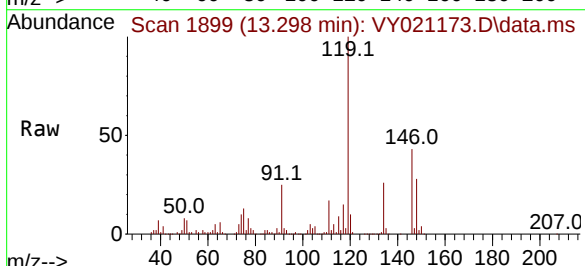
Tgt Ion:119 Resp: 273973

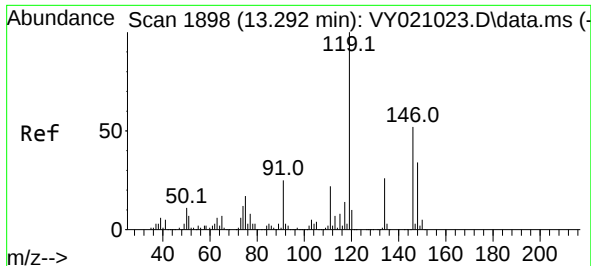
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 24.8 11.7 35.0

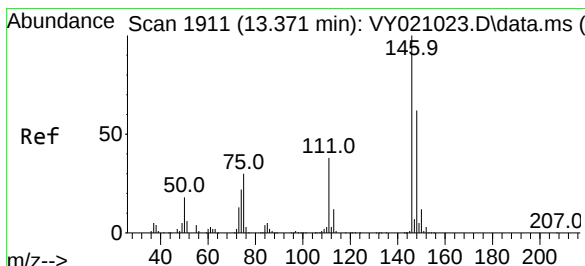
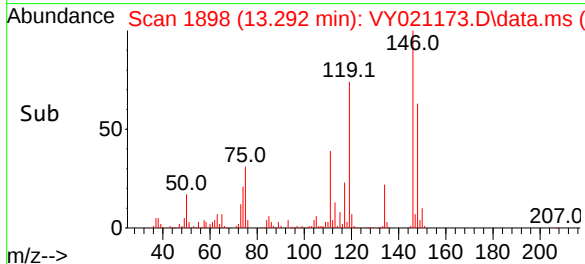
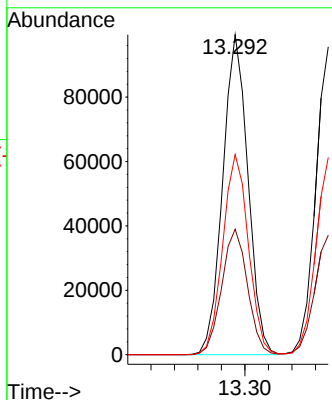
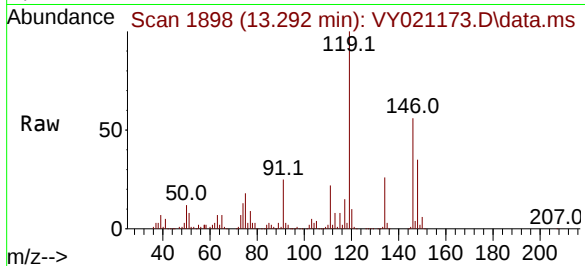




#87
 1,3-Dichlorobenzene
 Concen: 46.759 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021173.D
 Acq: 11 Feb 2025 16:25

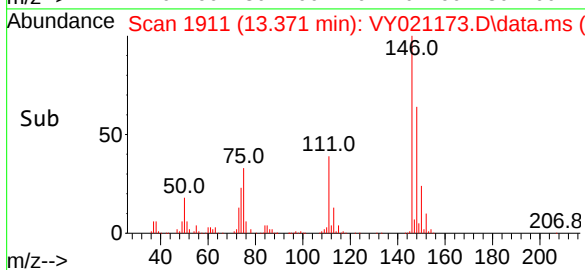
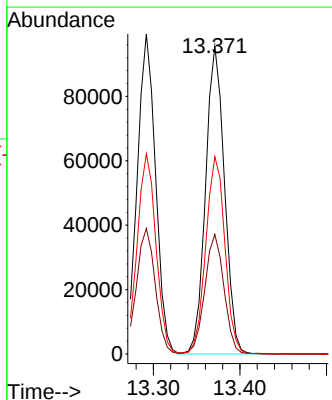
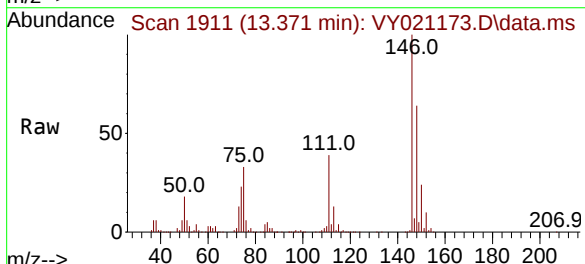
Instrument :
 MSVOA_Y
 ClientSampleId :

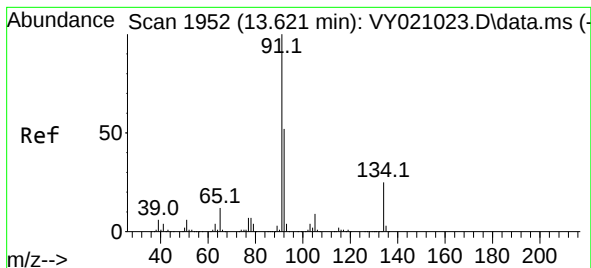
Tgt Ion:146 Resp: 148079
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.2 60.5
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 46.567 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY021173.D
 Acq: 11 Feb 2025 16:25

Tgt Ion:146 Resp: 145203
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.3 57.9
 148 64.8 31.6 94.7





#89

n-Butylbenzene

Concen: 43.305 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

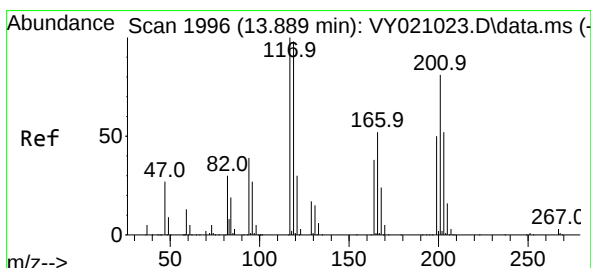
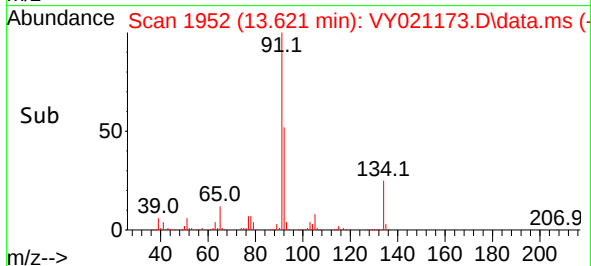
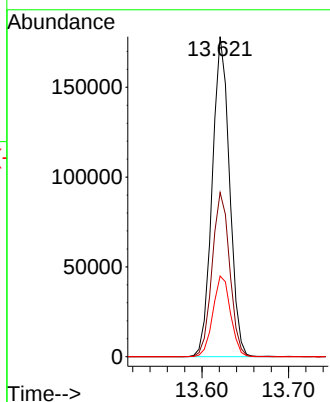
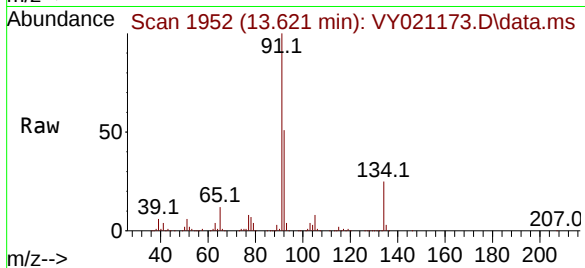
Tgt Ion: 91 Resp: 247425

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 25.6 12.3 36.8



#90

Hexachloroethane

Concen: 46.330 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY021173.D

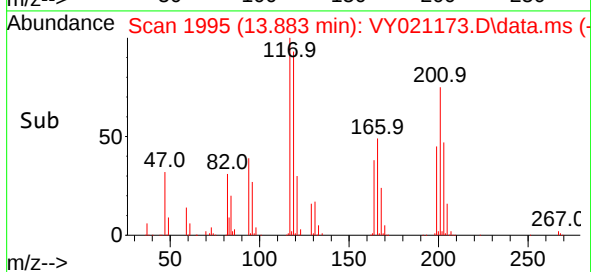
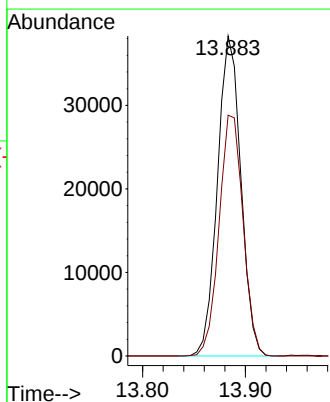
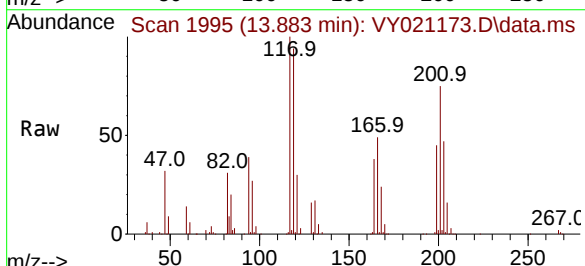
Acq: 11 Feb 2025 16:25

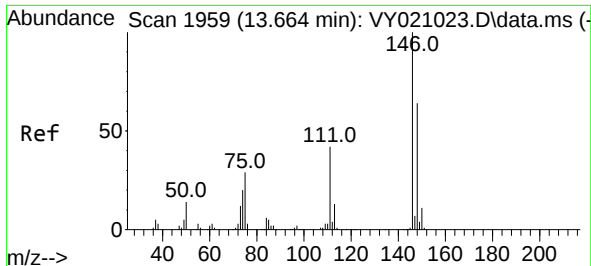
Tgt Ion: 117 Resp: 60533

Ion Ratio Lower Upper

117 100

201 77.1 33.4 100.1

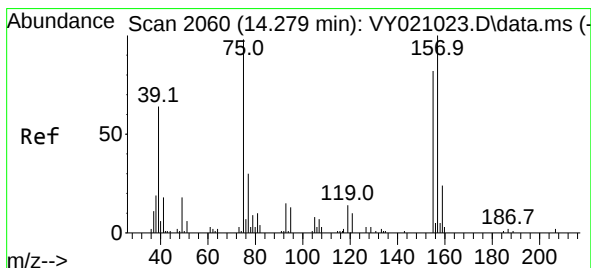
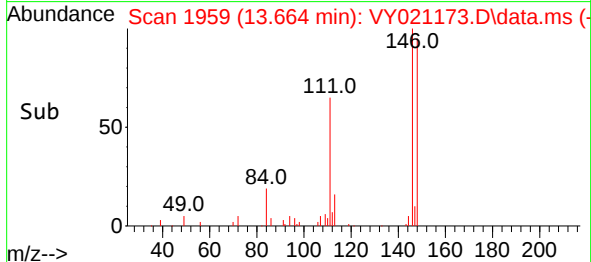
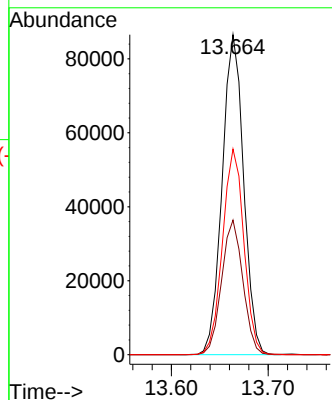
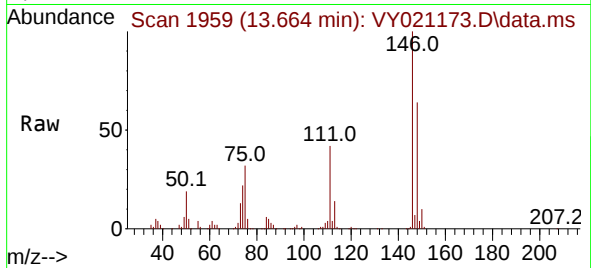




#91
1,2-Dichlorobenzene
Concen: 48.461 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

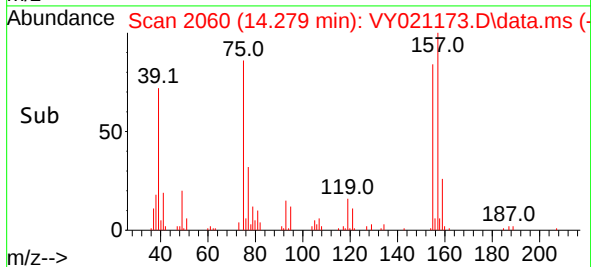
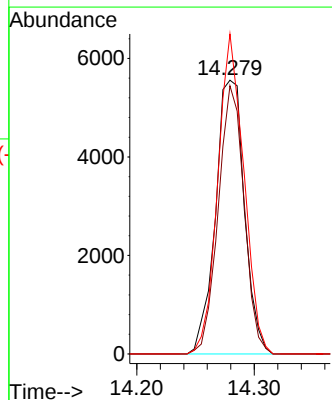
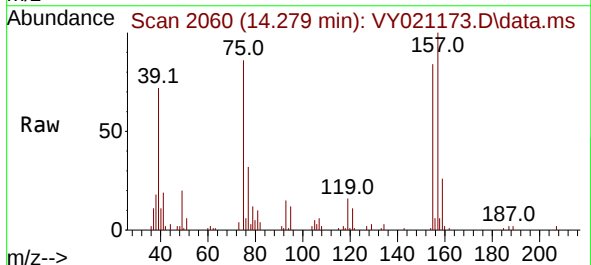
Instrument :
MSVOA_Y
ClientSampleId :

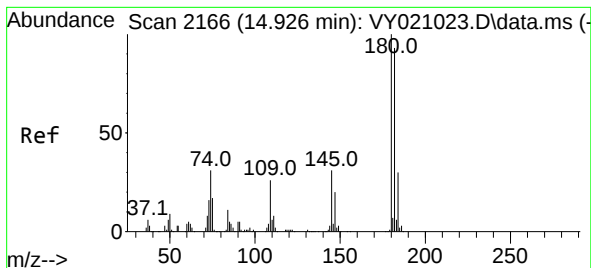
Tgt Ion:146 Resp: 133204
Ion Ratio Lower Upper
146 100
111 41.6 20.5 61.6
148 64.0 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.941 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021173.D
Acq: 11 Feb 2025 16:25

Tgt Ion: 75 Resp: 9528
Ion Ratio Lower Upper
75 100
155 87.3 42.1 126.3
157 104.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.514 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

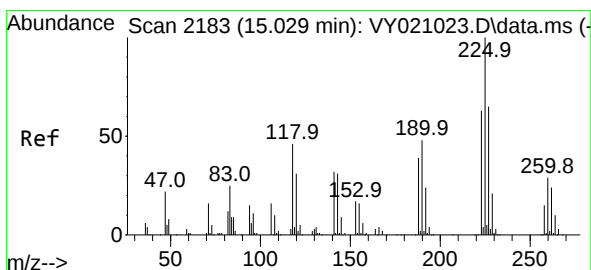
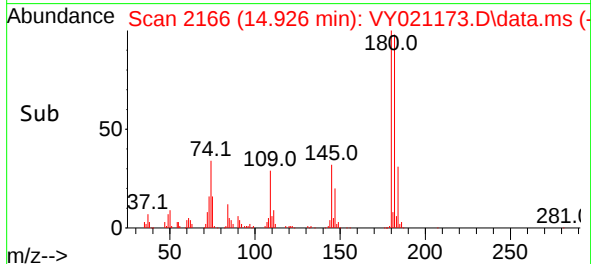
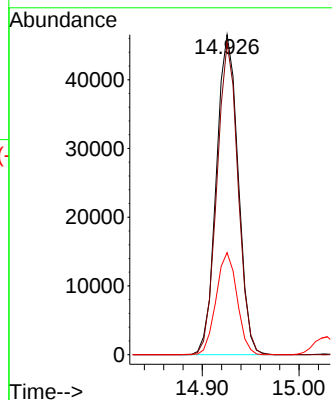
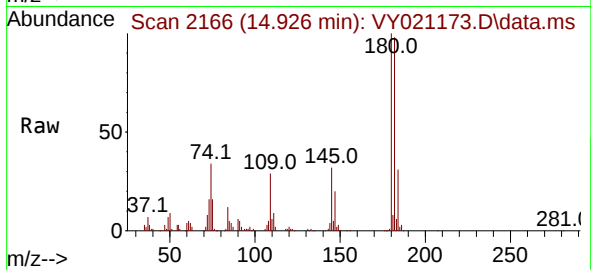
Tgt Ion:180 Resp: 72696

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 42.775 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

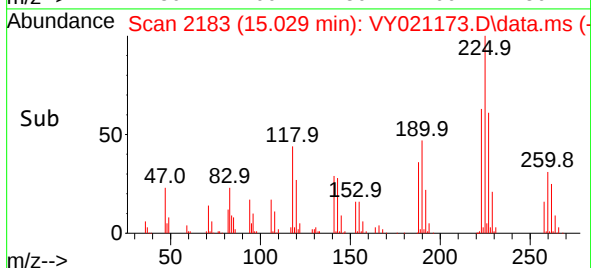
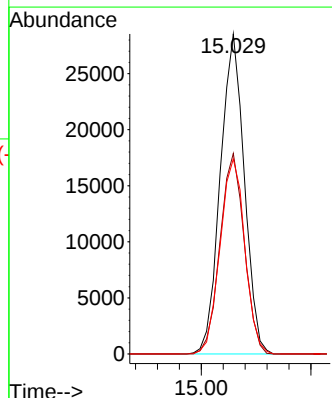
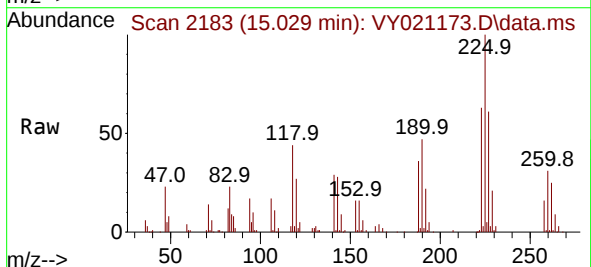
Tgt Ion:225 Resp: 43369

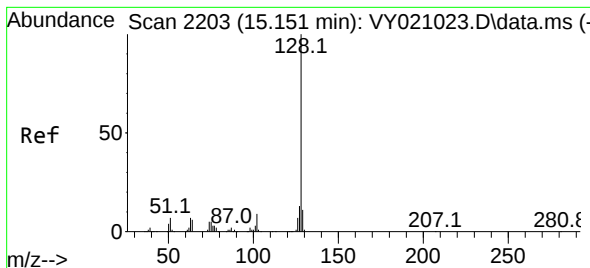
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.3

227 62.8 32.3 96.8





#95

Naphthalene

Concen: 55.903 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Instrument :

MSVOA_Y

ClientSampleId :

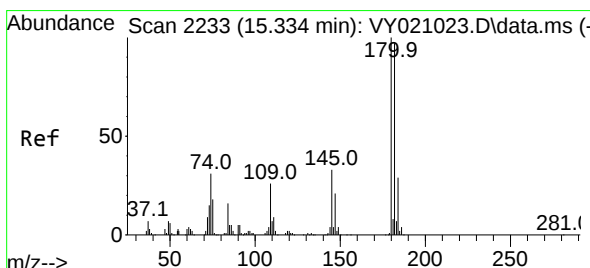
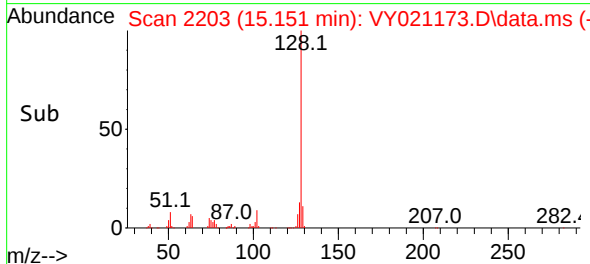
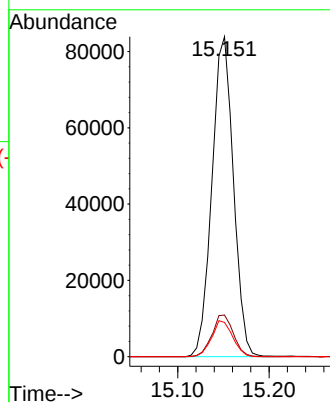
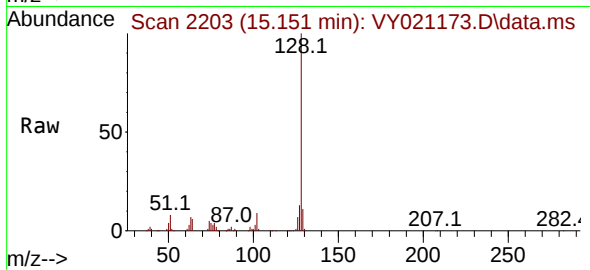
Tgt Ion:128 Resp: 136837

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.439 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021173.D

Acq: 11 Feb 2025 16:25

Tgt Ion:180 Resp: 64221

Ion Ratio Lower Upper

180 100

182 95.3 46.3 138.8

145 32.2 16.1 48.2

