

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020909.D
 Acq On : 23 Jan 2025 11:15
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 00:16:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	217160	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.634	114	318394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	265954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	134302	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	93782	50.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.620%	
35) Dibromofluoromethane	7.652	113	99899	50.082	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.160%	
50) Toluene-d8	10.121	98	367837	52.899	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	12.420	95	126266	49.172	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	27067	16.984	ug/l	98
3) Chloromethane	2.080	50	16907	20.148	ug/l	97
4) Vinyl Chloride	2.214	62	20999	22.511	ug/l	96
5) Bromomethane	2.617	94	11977	18.026	ug/l	97
6) Chloroethane	2.751	64	13102	22.774	ug/l	100
7) Trichlorofluoromethane	3.080	101	55208	19.283	ug/l	98
8) Diethyl Ether	3.476	74	18095	20.210	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.842	101	39715	20.541	ug/l	98
10) Methyl Iodide	4.031	142	40763	19.673	ug/l	96
11) Tert butyl alcohol	4.848	59	6146	44.066	ug/l #	73
12) 1,1-Dichloroethene	3.818	96	32630	19.268	ug/l	89
13) Acrolein	3.677	56	2920	74.550	ug/l	97
14) Allyl chloride	4.409	41	48331	19.782	ug/l	94
15) Acrylonitrile	5.092	53	42266	111.075	ug/l	98
16) Acetone	3.903	43	28269	107.702	ug/l	93
17) Carbon Disulfide	4.135	76	59770	16.269	ug/l	100
18) Methyl Acetate	4.415	43	20183	22.774	ug/l	97
19) Methyl tert-butyl Ether	5.141	73	97072	20.311	ug/l	100
20) Methylene Chloride	4.641	84	34805	19.201	ug/l	96
21) trans-1,2-Dichloroethene	5.141	96	34634	18.571	ug/l	96
22) Diisopropyl ether	6.043	45	116069	22.302	ug/l	93
23) Vinyl Acetate	5.988	43	320332	111.629	ug/l	98
24) 1,1-Dichloroethane	5.939	63	68699	20.007	ug/l	98
25) 2-Butanone	6.927	43	51671	119.842	ug/l	97
26) 2,2-Dichloropropane	6.909	77	70585	19.799	ug/l	100
27) cis-1,2-Dichloroethene	6.915	96	45081	19.159	ug/l	95
28) Bromochloromethane	7.268	49	16717	18.042	ug/l	94
29) Tetrahydrofuran	7.287	42	32801	119.093	ug/l	95
30) Chloroform	7.445	83	77260	19.730	ug/l	98
31) Cyclohexane	7.719	56	53013	19.738	ug/l	98
32) 1,1,1-Trichloroethane	7.640	97	72470	18.973	ug/l	99
36) 1,1-Dichloropropene	7.854	75	50133	19.704	ug/l	99
37) Ethyl Acetate	7.012	43	24414	24.113	ug/l	99
38) Carbon Tetrachloride	7.841	117	65745	18.564	ug/l	98
39) Methylcyclohexane	9.128	83	59723	19.129	ug/l	99
40) Benzene	8.097	78	154509	19.787	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	13555	23.377	ug/l	98
42) 1,2-Dichloroethane	8.177	62	41874	19.637	ug/l	99
43) Isopropyl Acetate	8.219	43	47216	22.928	ug/l #	89
44) Trichloroethene	8.884	130	43532	19.998	ug/l	99
45) 1,2-Dichloropropane	9.158	63	38252	21.608	ug/l	98
46) Dibromomethane	9.250	93	21487	21.138	ug/l	97
47) Bromodichloromethane	9.439	83	58508	20.097	ug/l	99
48) Methyl methacrylate	9.237	41	20081	21.751	ug/l	96
49) 1,4-Dioxane	9.256	88	4288	397.299	ug/l #	74
51) 4-Methyl-2-Pentanone	10.012	43	126869	123.314	ug/l	98
52) Toluene	10.188	92	104164	20.144	ug/l	98
53) t-1,3-Dichloropropene	10.408	75	53933	20.829	ug/l	98
54) cis-1,3-Dichloropropene	9.871	75	61246	20.367	ug/l	95
55) 1,1,2-Trichloroethane	10.591	97	31604	21.762	ug/l	100
56) Ethyl methacrylate	10.457	69	39717	21.655	ug/l	98
57) 1,3-Dichloropropane	10.731	76	51565	21.783	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.725	63	74027	101.742	ug/l	96
59) 2-Hexanone	10.774	43	80289	121.643	ug/l	96
60) Dibromochloromethane	10.926	129	43762	20.777	ug/l	100
61) 1,2-Dibromoethane	11.030	107	28444	21.816	ug/l	100
64) Tetrachloroethene	10.664	164	37931	19.399	ug/l	97
65) Chlorobenzene	11.457	112	115901	19.710	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.530	131	43640	19.495	ug/l	96
67) Ethyl Benzene	11.536	91	198979	19.545	ug/l	99
68) m/p-Xylenes	11.646	106	152226	38.836	ug/l	97
69) o-Xylene	11.969	106	72166	19.418	ug/l	96
70) Styrene	11.987	104	123551	19.749	ug/l	99
71) Bromoform	12.145	173	27066	21.269	ug/l #	100
73) Isopropylbenzene	12.267	105	199631	18.737	ug/l	100
74) N-amyl acetate	12.084	43	40113	23.016	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.523	83	36286	22.470	ug/l	98
76) 1,2,3-Trichloropropane	12.572	75	44631	37.980	ug/l #	100
77) Bromobenzene	12.548	156	47615	19.384	ug/l	97
78) n-propylbenzene	12.609	91	236314	19.541	ug/l	99
79) 2-Chlorotoluene	12.694	91	136150	19.550	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	162641	18.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	12098	21.708	ug/l	97
82) 4-Chlorotoluene	12.792	91	138430	19.261	ug/l	99
83) tert-Butylbenzene	13.011	119	151909	18.810	ug/l	98
84) 1,2,4-Trimethylbenzene	13.060	105	160861	19.078	ug/l	98
85) sec-Butylbenzene	13.188	105	219892	19.494	ug/l	100
86) p-Isopropyltoluene	13.304	119	184276	19.150	ug/l	99
87) 1,3-Dichlorobenzene	13.304	146	93258	19.539	ug/l	100
88) 1,4-Dichlorobenzene	13.383	146	91352	19.444	ug/l	98
89) n-Butylbenzene	13.633	91	160393	19.213	ug/l	99
90) Hexachloroethane	13.895	117	36391	18.834	ug/l	99
91) 1,2-Dichlorobenzene	13.676	146	81772	19.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	5447	20.861	ug/l	98
93) 1,2,4-Trichlorobenzene	14.938	180	46889	19.523	ug/l	98
94) Hexachlorobutadiene	15.041	225	31868	18.822	ug/l	99
95) Naphthalene	15.163	128	77846	19.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	39406	19.584	ug/l	100

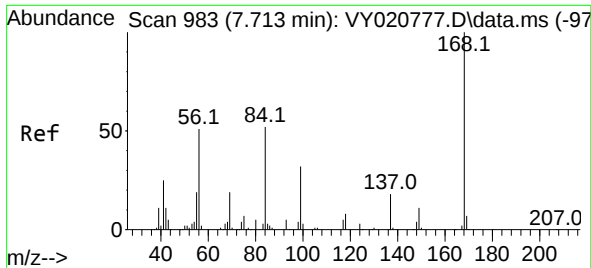
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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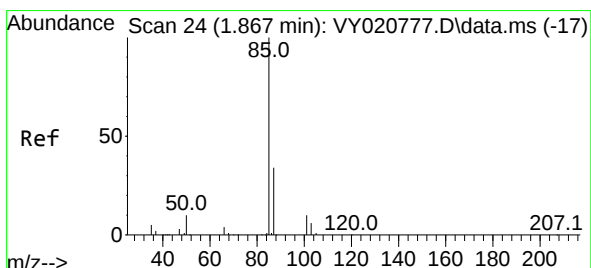
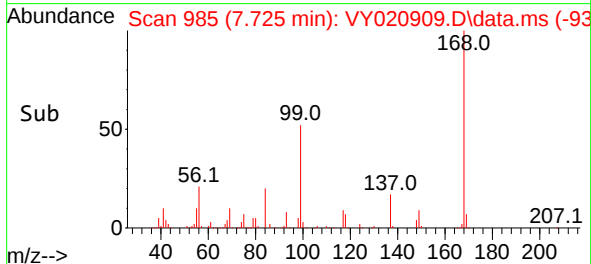
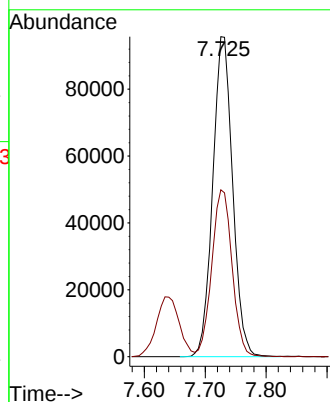
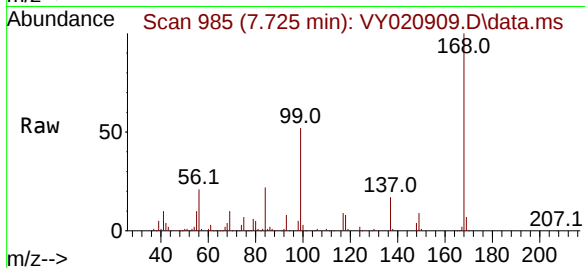
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

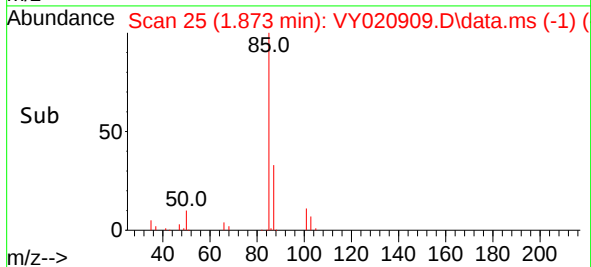
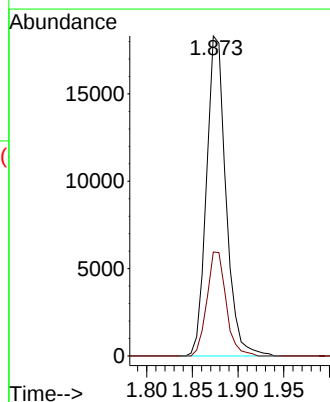
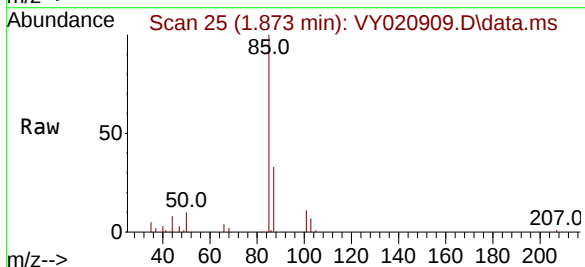
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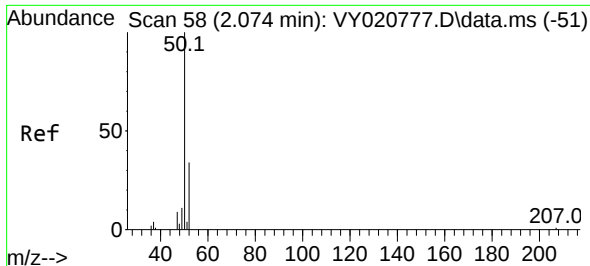
Tgt Ion:168 Resp: 217160
Ion Ratio Lower Upper
168 100
99 52.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 16.984 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 85 Resp: 27067
Ion Ratio Lower Upper
85 100
87 32.5 16.9 50.6

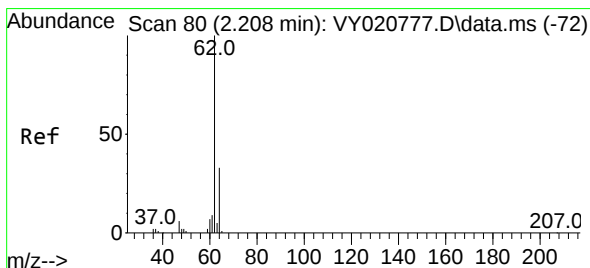
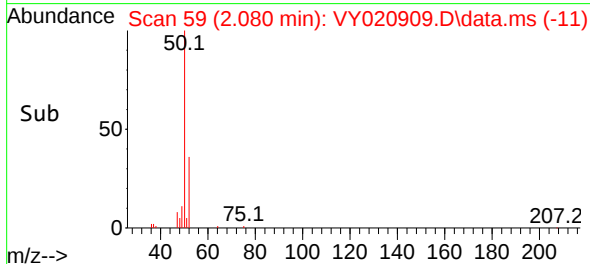
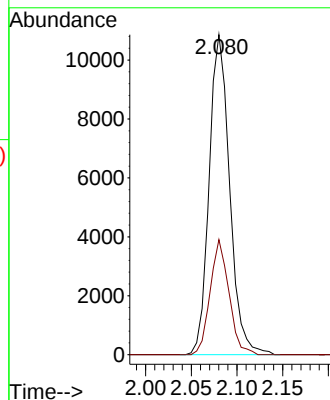
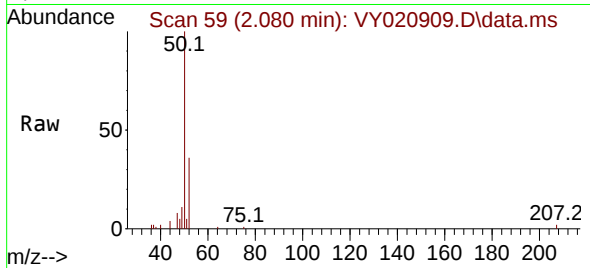




#3
Chloromethane
Concen: 20.148 ug/l
RT: 2.080 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

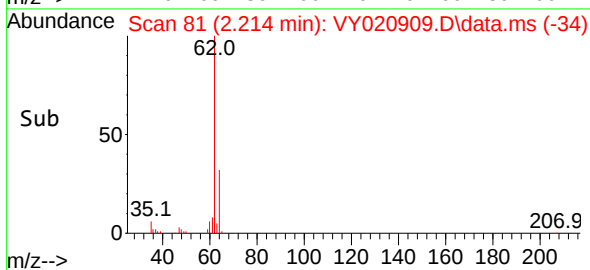
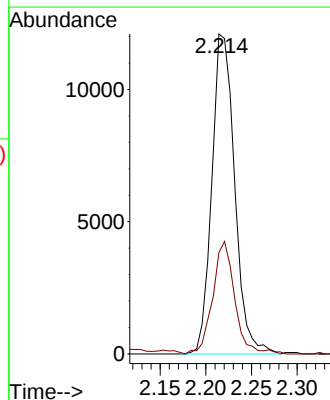
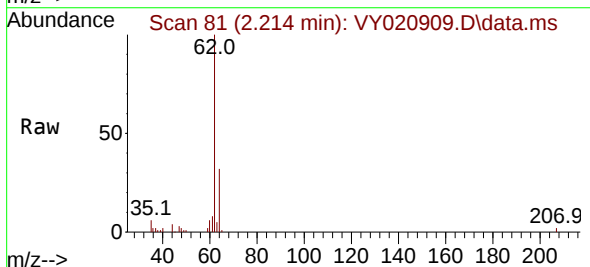
Instrument :
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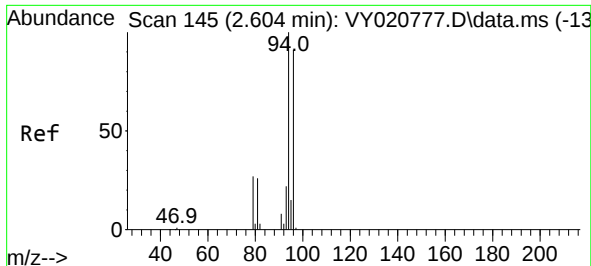
Tgt Ion: 50 Resp: 16907
Ion Ratio Lower Upper
50 100
52 36.0 27.3 40.9



#4
Vinyl Chloride
Concen: 22.511 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 62 Resp: 20999
Ion Ratio Lower Upper
62 100
64 31.2 26.6 39.8

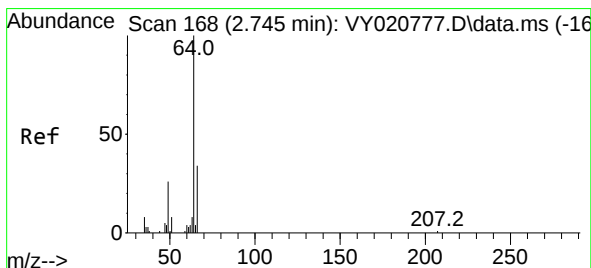
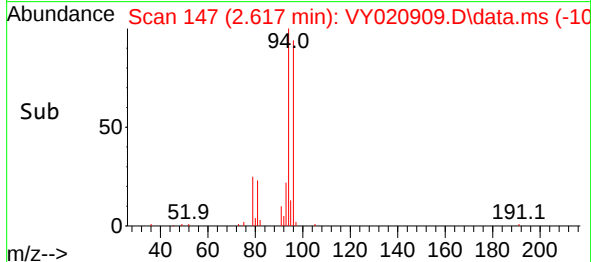
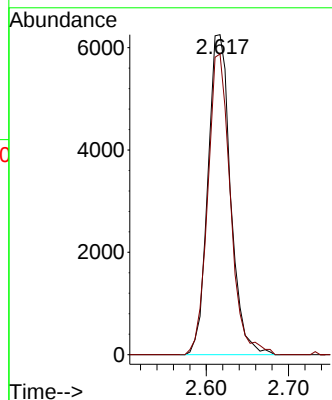
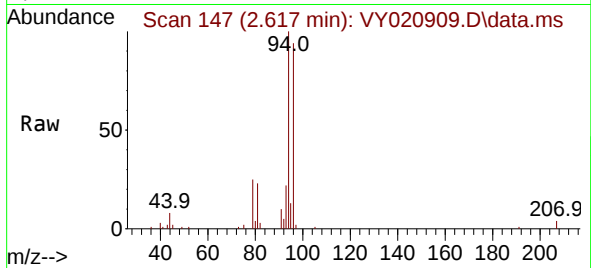




#5
Bromomethane
Concen: 18.026 ug/l
RT: 2.617 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

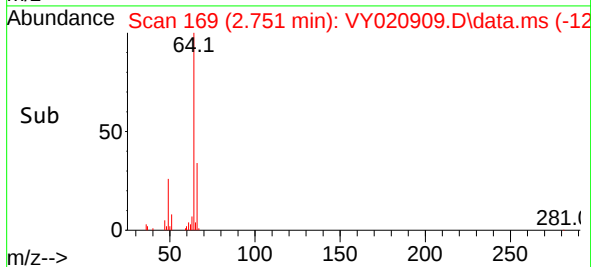
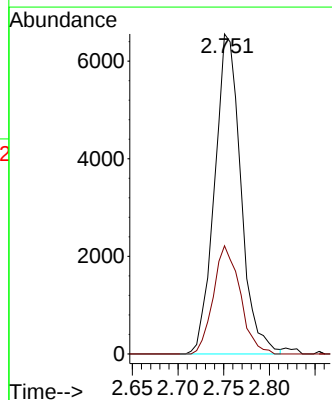
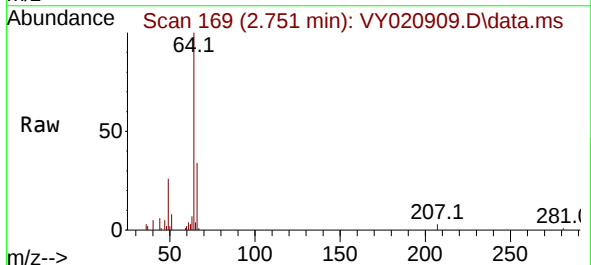
Instrument :
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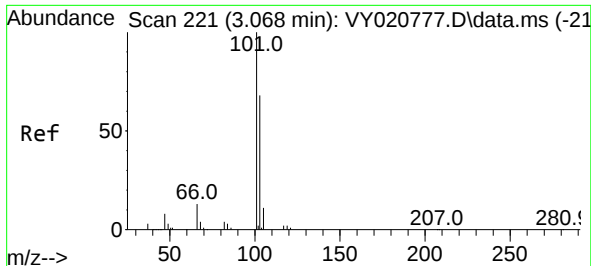
Tgt Ion: 94 Resp: 11977
Ion Ratio Lower Upper
94 100
96 94.0 72.6 109.0



#6
Chloroethane
Concen: 22.774 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 64 Resp: 13102
Ion Ratio Lower Upper
64 100
66 33.8 26.9 40.3

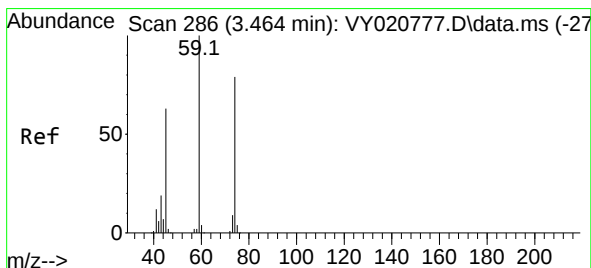
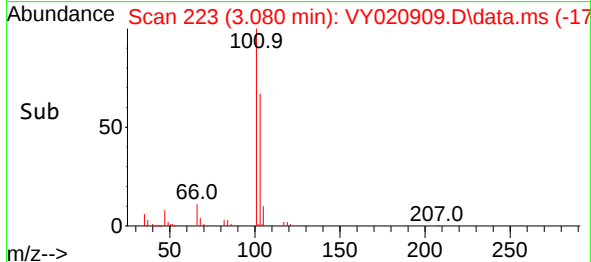
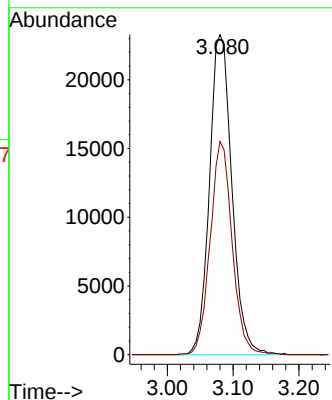
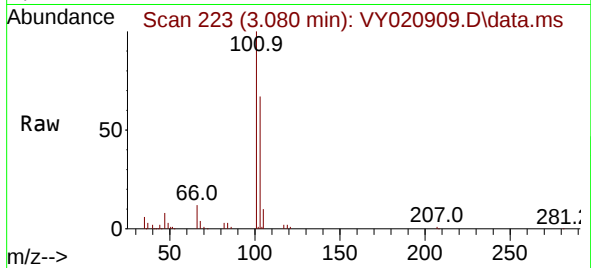




#7
 Trichlorofluoromethane
 Concen: 19.283 ug/l
 RT: 3.080 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

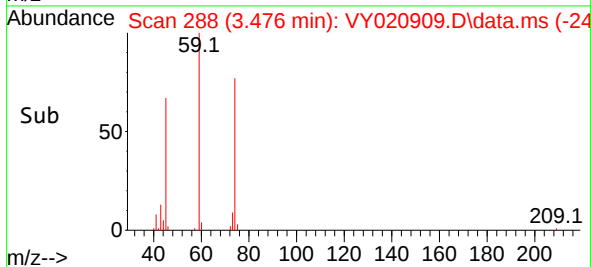
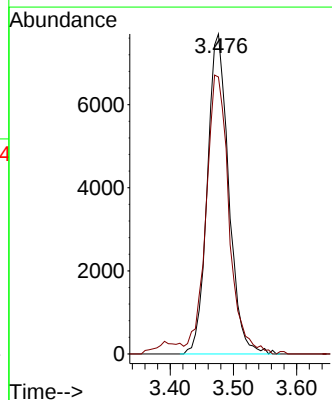
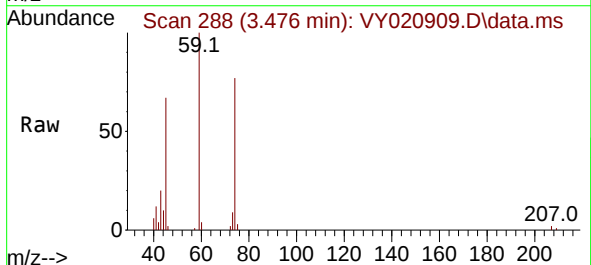
Instrument :
 MSVOA_Y
 ClientSampleId :

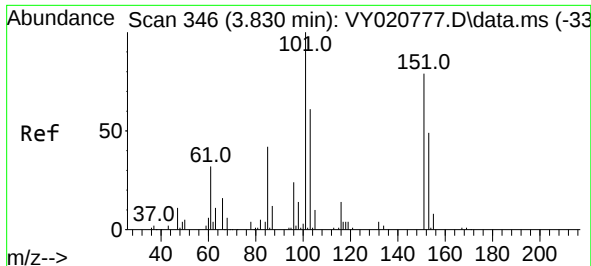
Tgt Ion:101 Resp: 55208
 Ion Ratio Lower Upper
 101 100
 103 66.3 54.6 82.0



#8
 Diethyl Ether
 Concen: 20.210 ug/l
 RT: 3.476 min Scan# 288
 Delta R.T. -0.012 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

Tgt Ion: 74 Resp: 18095
 Ion Ratio Lower Upper
 74 100
 45 93.6 41.3 124.1

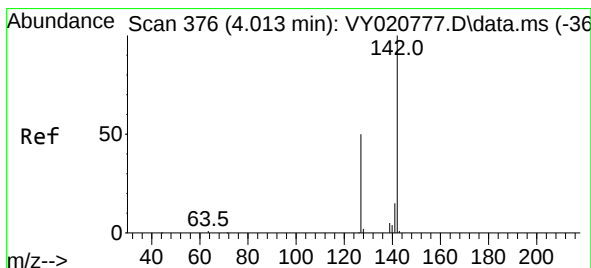
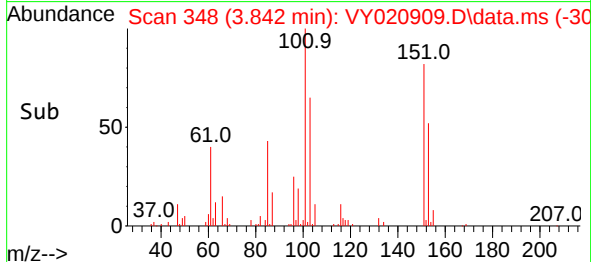
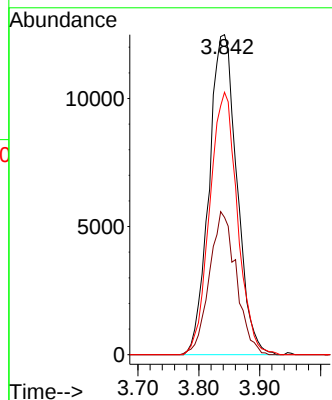
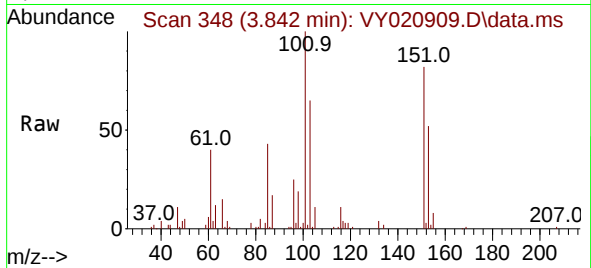




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.541 ug/l
RT: 3.842 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

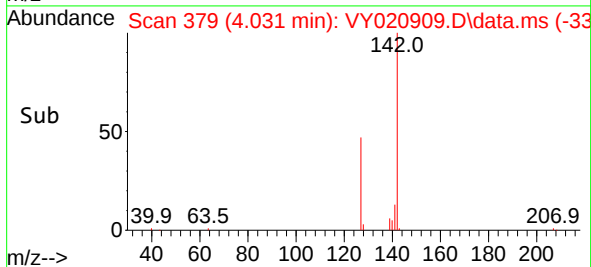
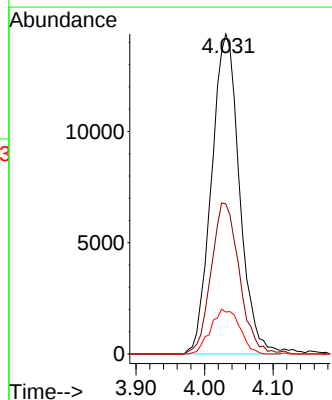
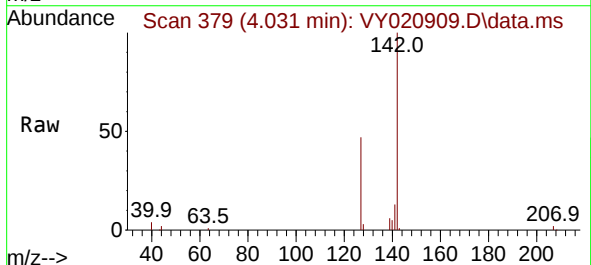
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MSVOA_Y
ClientSampleId :

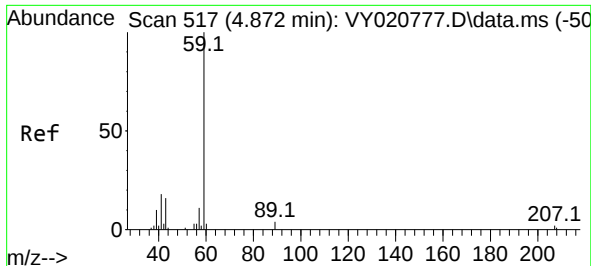
Tgt Ion:101 Resp: 39715
Ion Ratio Lower Upper
101 100
85 43.2 35.9 53.9
151 81.6 66.9 100.3



#10
Methyl Iodide
Concen: 19.673 ug/l
RT: 4.031 min Scan# 379
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion:142 Resp: 40763
Ion Ratio Lower Upper
142 100
127 47.7 41.0 61.6
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 44.066 ug/l

RT: 4.848 min Scan# 517

Delta R.T. -0.079 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

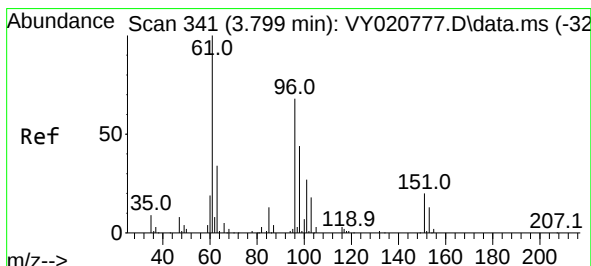
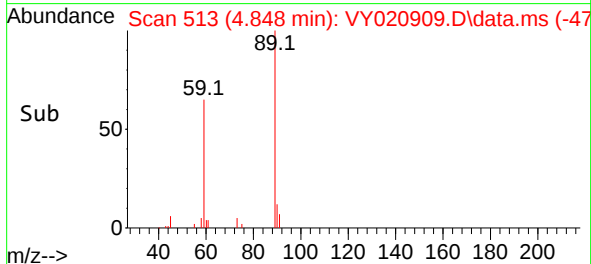
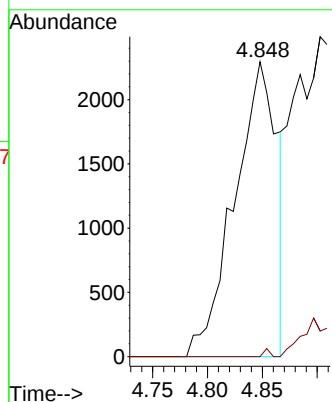
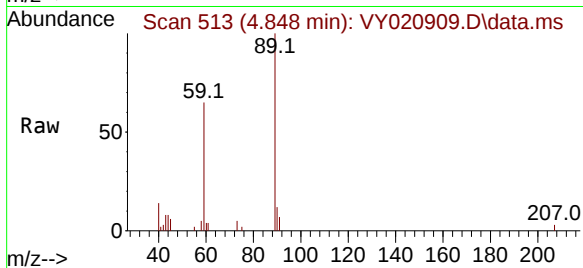
ClientSampleId :

Tgt Ion: 59 Resp: 6146

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.268 ug/l

RT: 3.818 min Scan# 344

Delta R.T. -0.012 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

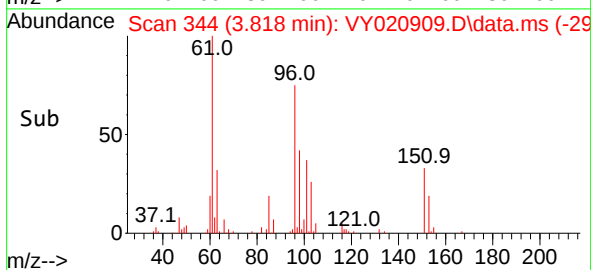
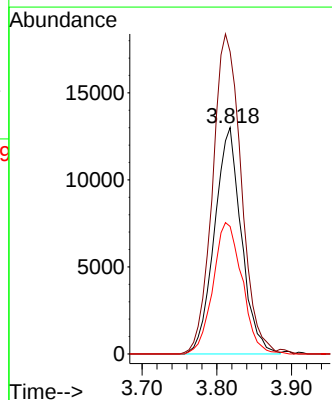
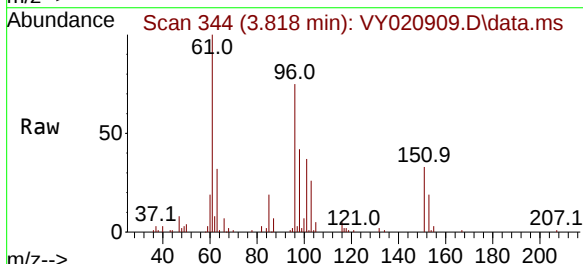
Tgt Ion: 96 Resp: 32630

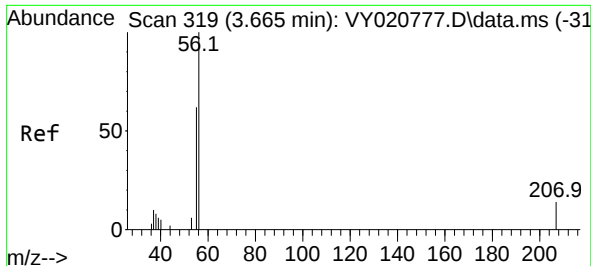
Ion Ratio Lower Upper

96 100

61 133.4 117.8 176.8

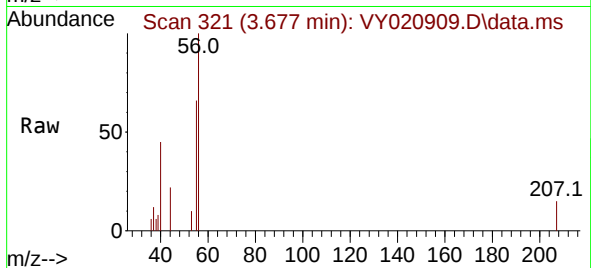
98 56.3 51.9 77.9



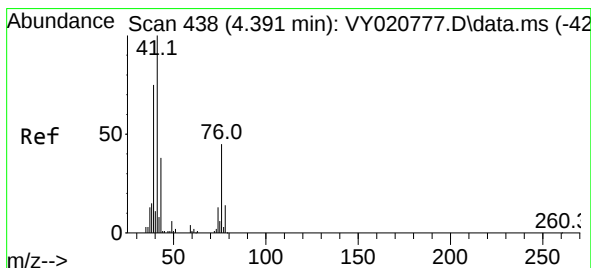
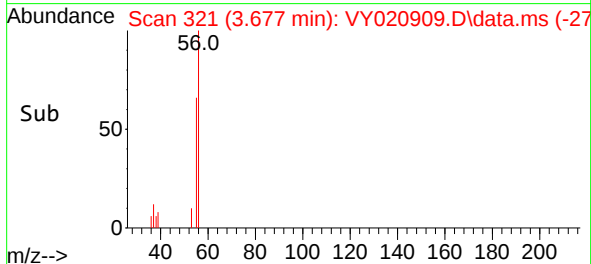
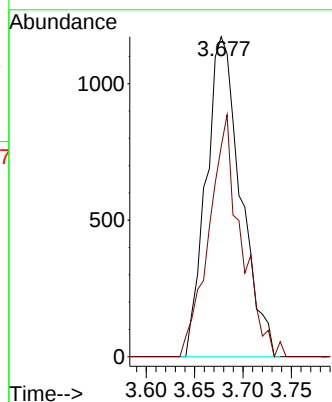


#13
Acrolein
Concen: 74.550 ug/l
RT: 3.677 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

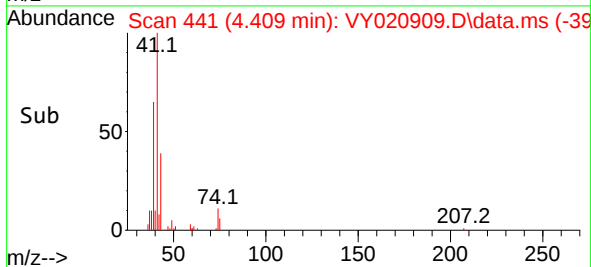
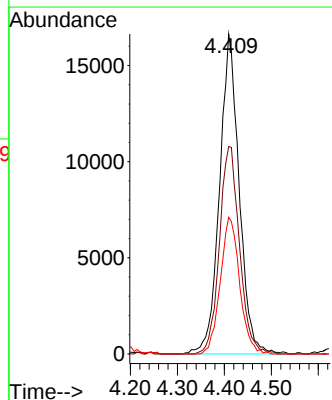
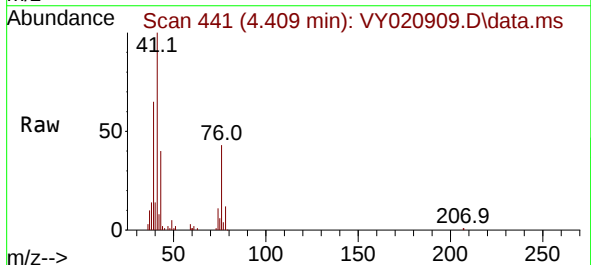


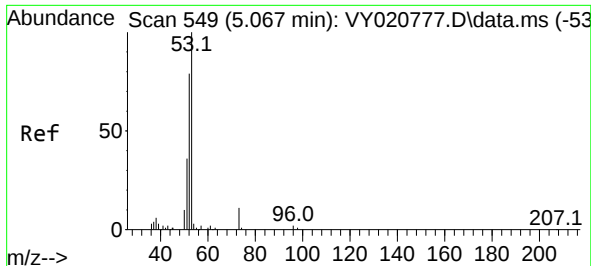
Tgt Ion: 56 Resp: 2920
Ion Ratio Lower Upper
56 100
55 70.3 58.1 87.1



#14
Allyl chloride
Concen: 19.782 ug/l
RT: 4.409 min Scan# 441
Delta R.T. -0.018 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

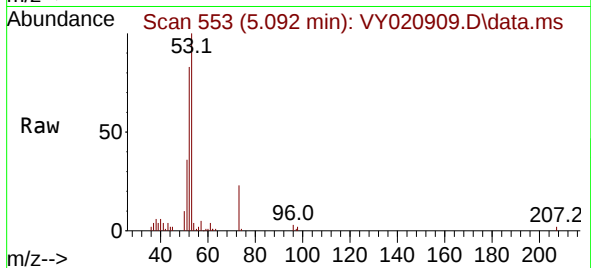
Tgt Ion: 41 Resp: 48331
Ion Ratio Lower Upper
41 100
39 66.3 57.5 86.3
76 42.1 35.6 53.4



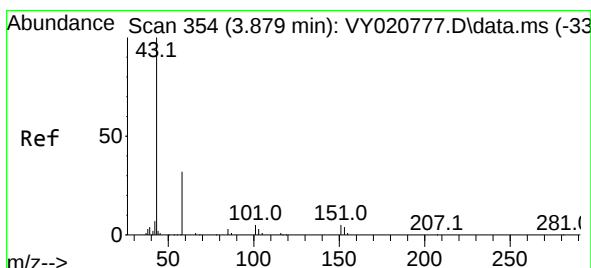
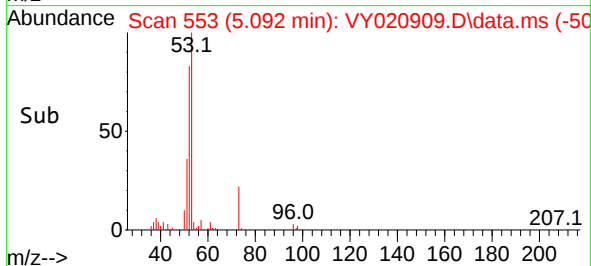
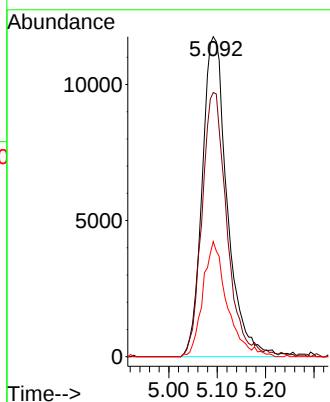


#15
Acrylonitrile
Concen: 111.075 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

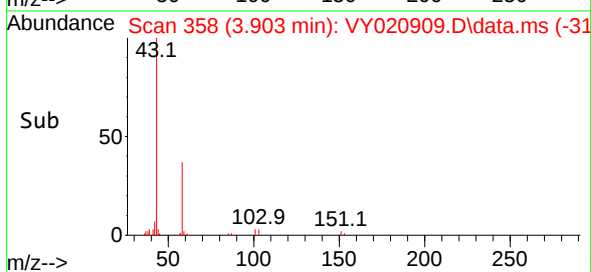
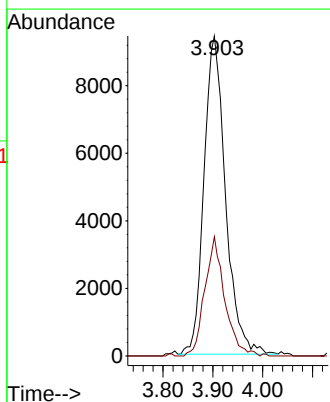
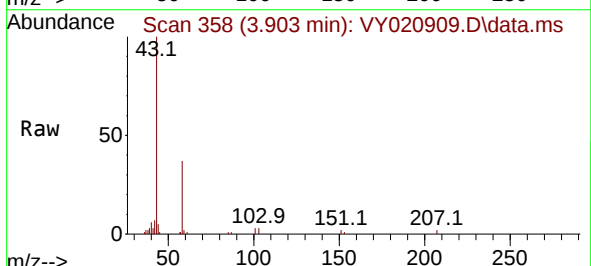


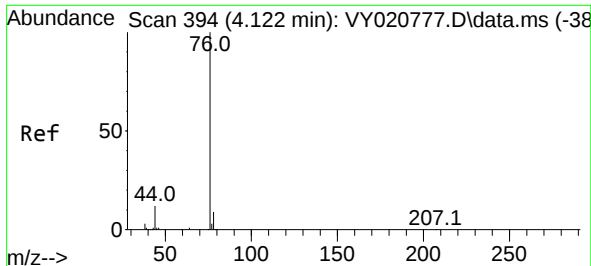
Tgt Ion: 53 Resp: 42266
Ion Ratio Lower Upper
53 100
52 82.3 64.3 96.5
51 35.0 29.3 43.9



#16
Acetone
Concen: 107.702 ug/l
RT: 3.903 min Scan# 358
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 43 Resp: 28269
Ion Ratio Lower Upper
43 100
58 37.5 26.7 40.1

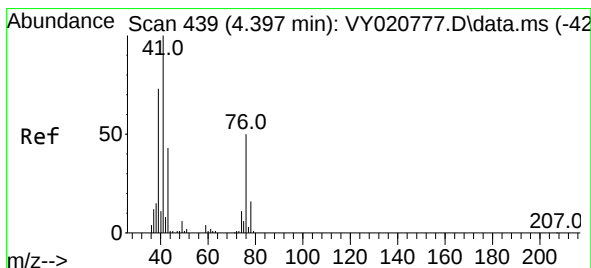
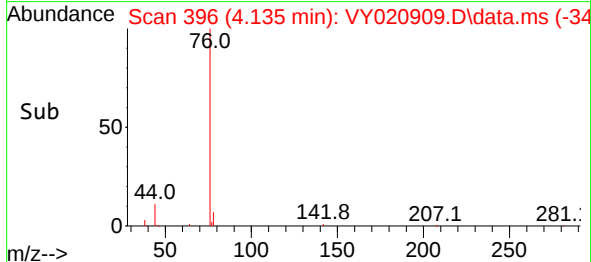
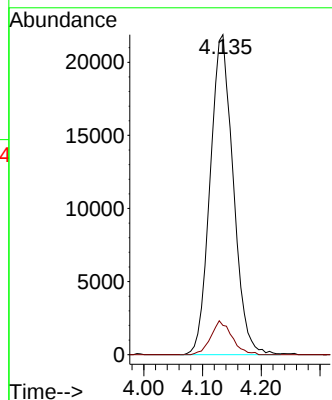
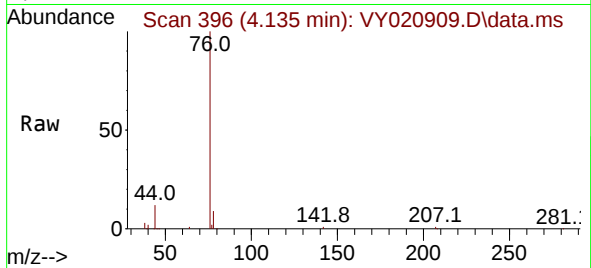




#17
Carbon Disulfide
Concen: 16.269 ug/l
RT: 4.135 min Scan# 394
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

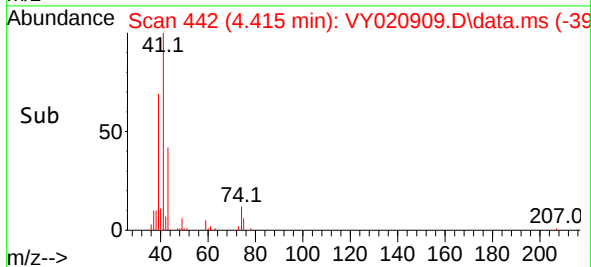
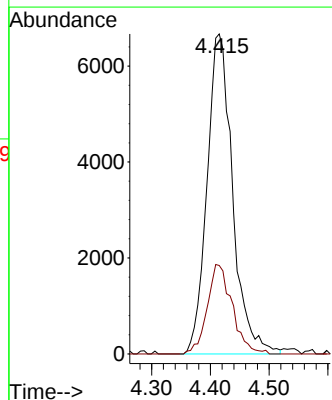
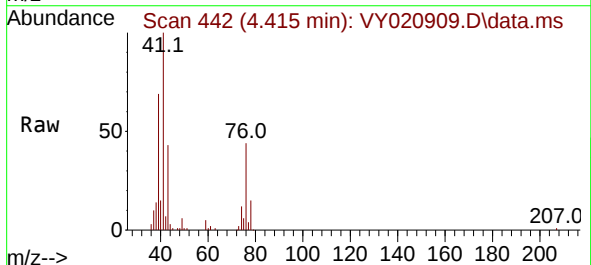
Instrument :
MSVOA_Y
ClientSampleId :

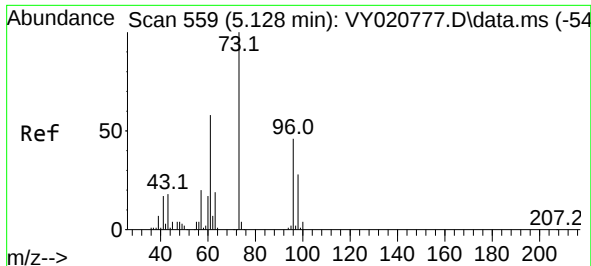
Tgt Ion: 76 Resp: 59770
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 22.774 ug/l
RT: 4.415 min Scan# 442
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 43 Resp: 20183
Ion Ratio Lower Upper
43 100
74 27.3 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 20.311 ug/l

RT: 5.141 min Scan# 5

Delta R.T. -0.018 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

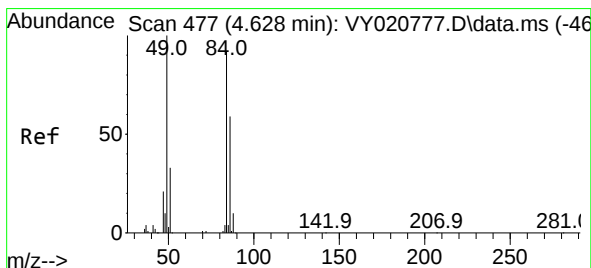
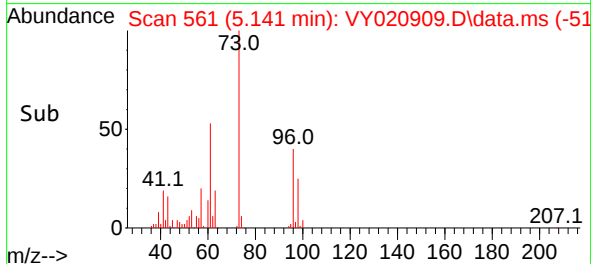
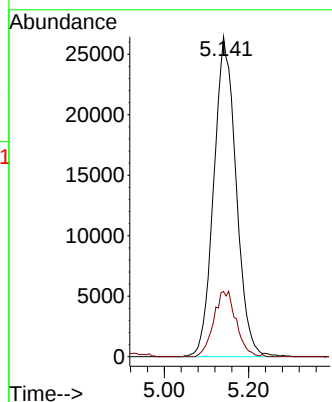
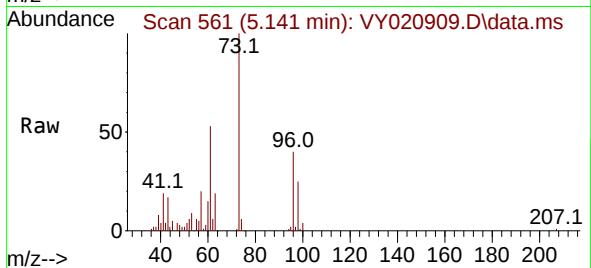
ClientSampleId :

Tgt Ion: 73 Resp: 97072

Ion Ratio Lower Upper

73 100

57 20.3 16.4 24.6



#20

Methylene Chloride

Concen: 19.201 ug/l

RT: 4.641 min Scan# 479

Delta R.T. -0.018 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Tgt Ion: 84 Resp: 34805

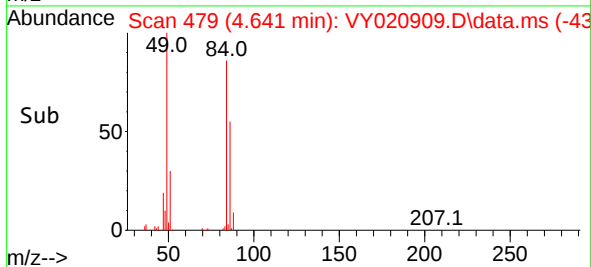
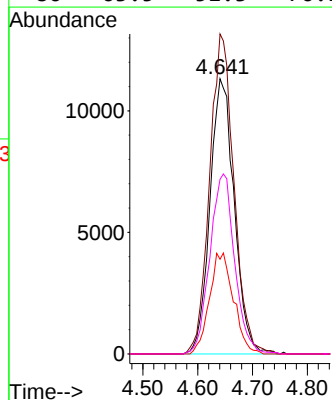
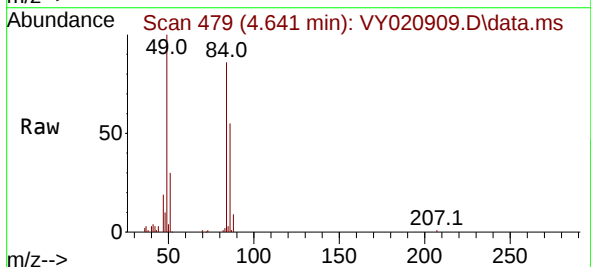
Ion Ratio Lower Upper

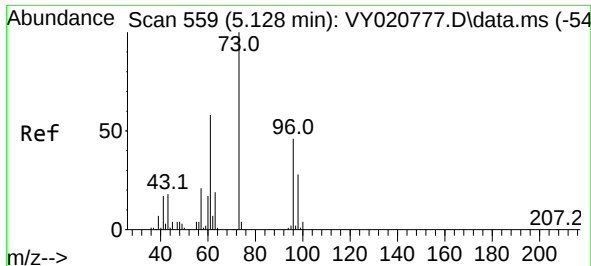
84 100

49 116.3 86.7 130.1

51 34.4 28.4 42.6

86 63.5 51.3 76.9

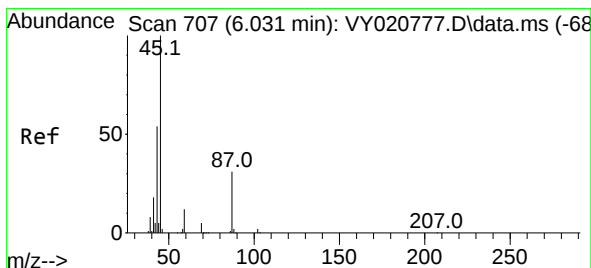
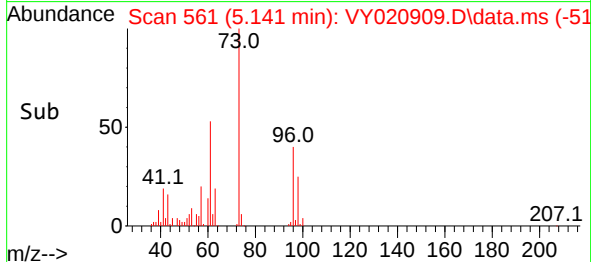
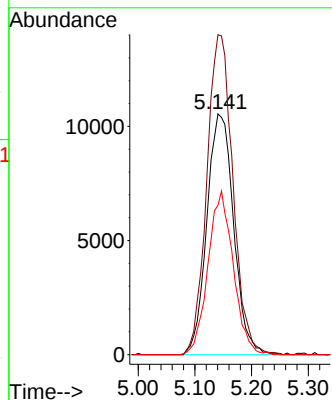
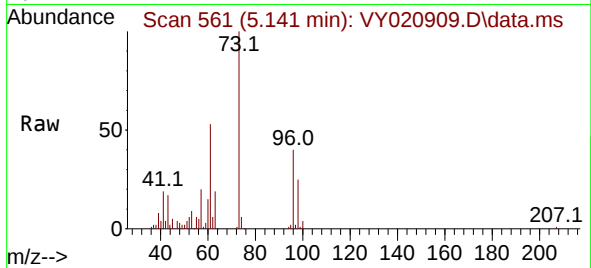




#21
trans-1,2-Dichloroethene
Concen: 18.571 ug/l
RT: 5.141 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

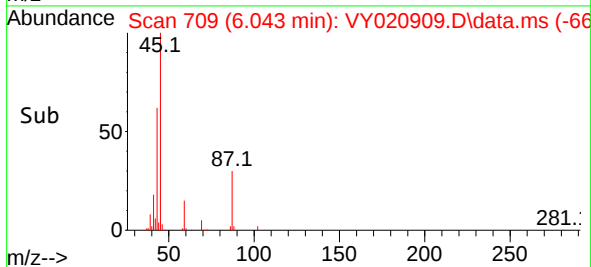
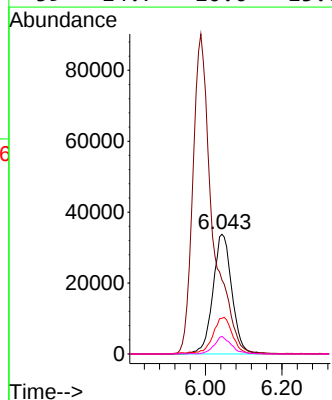
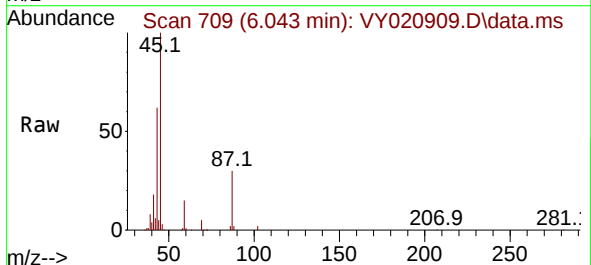
Instrument :
MSVOA_Y
ClientSampleId :

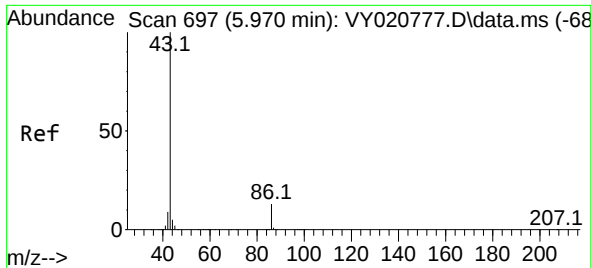
Tgt Ion: 96 Resp: 34634
Ion Ratio Lower Upper
96 100
61 132.9 101.6 152.4
98 62.0 49.4 74.2



#22
Diisopropyl ether
Concen: 22.302 ug/l
RT: 6.043 min Scan# 709
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 45 Resp: 116069
Ion Ratio Lower Upper
45 100
43 61.2 43.9 65.9
87 29.8 25.3 37.9
59 14.7 10.0 15.0

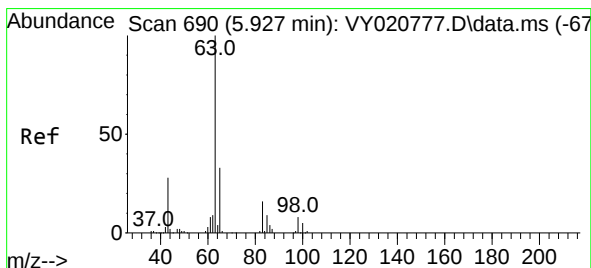
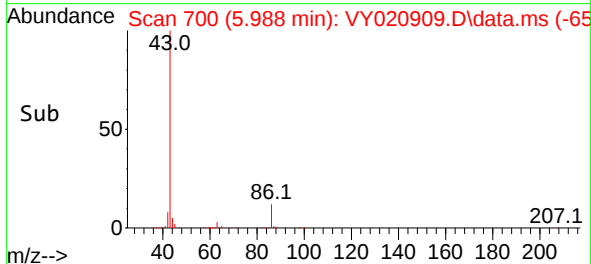
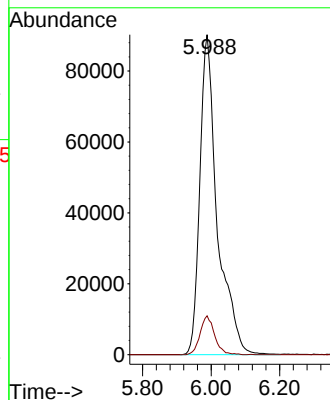
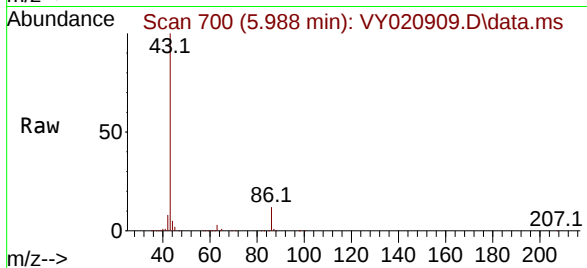




#23
 Vinyl Acetate
 Concen: 111.629 ug/l
 RT: 5.988 min Scan# 700
 Delta R.T. -0.012 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

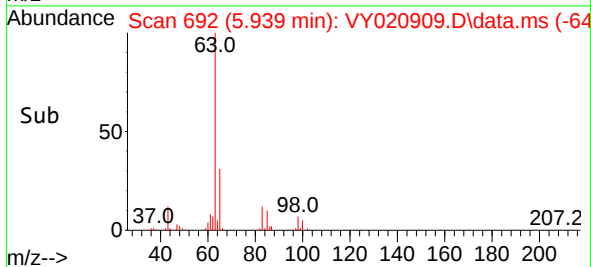
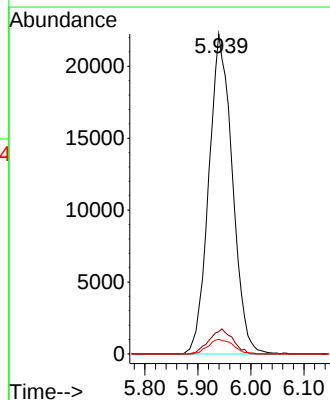
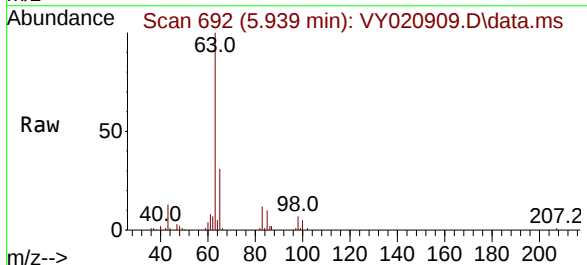
Instrument :
 MSVOA_Y
 ClientSampleId :

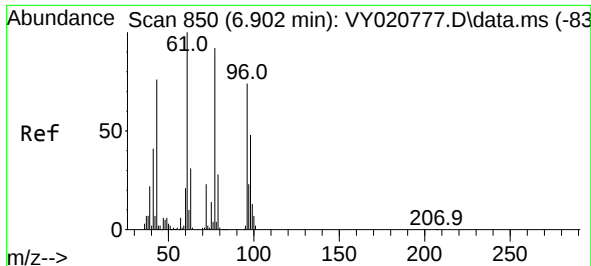
Tgt Ion: 43 Resp: 320332
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 20.007 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. -0.018 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

Tgt Ion: 63 Resp: 68699
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 119.842 ug/l

RT: 6.927 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

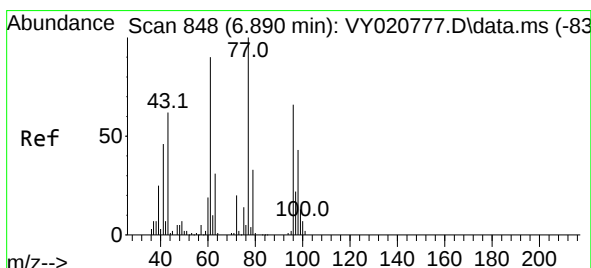
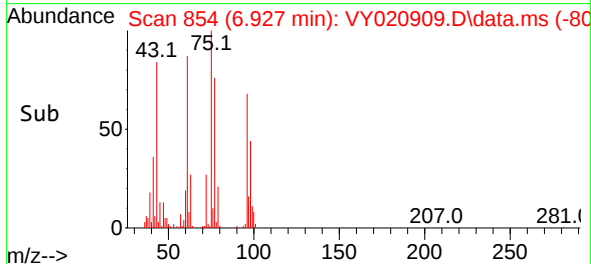
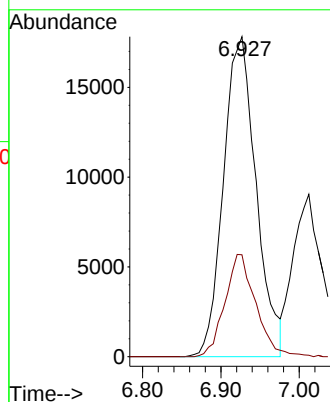
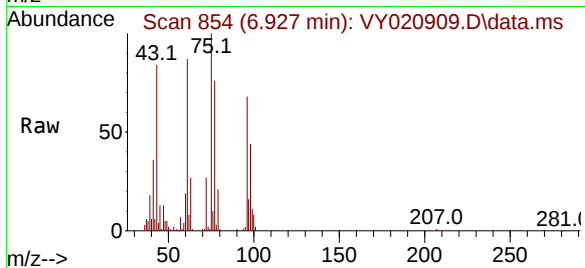
ClientSampleId :

Tgt Ion: 43 Resp: 51671

Ion Ratio Lower Upper

43 100

72 31.8 24.0 36.0



#26

2,2-Dichloropropane

Concen: 19.799 ug/l

RT: 6.909 min Scan# 851

Delta R.T. -0.018 min

Lab File: VY020909.D

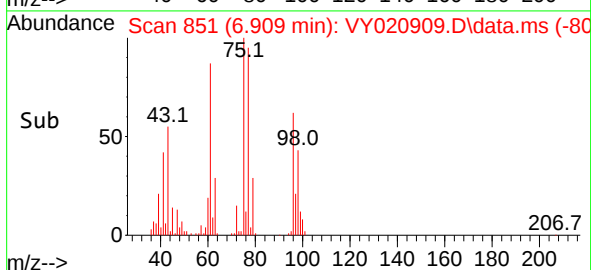
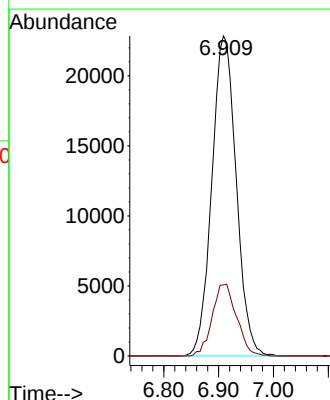
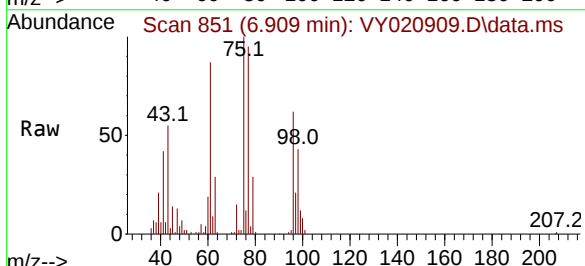
Acq: 23 Jan 2025 11:15

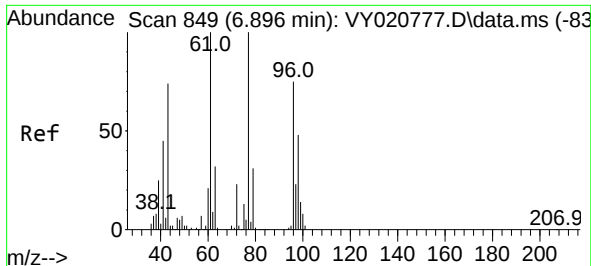
Tgt Ion: 77 Resp: 70585

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.159 ug/l

RT: 6.915 min Scan# 81

Delta R.T. -0.012 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

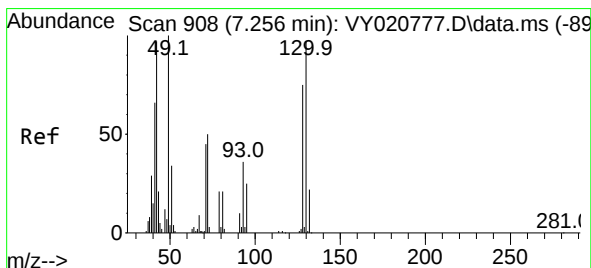
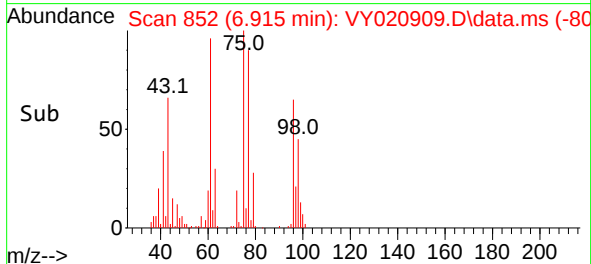
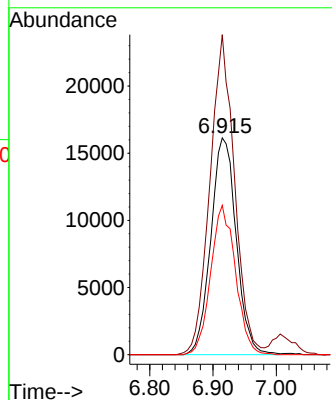
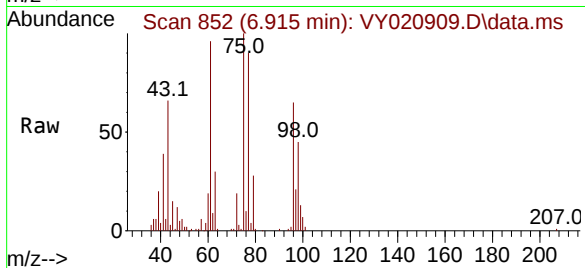
Tgt Ion: 96 Resp: 45081

Ion Ratio Lower Upper

96 100

61 142.6 0.0 271.4

98 67.1 0.0 129.0



#28

Bromochloromethane

Concen: 18.042 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.012 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

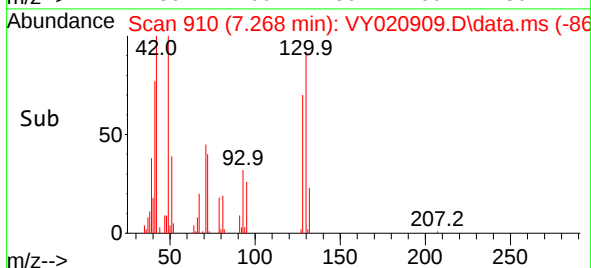
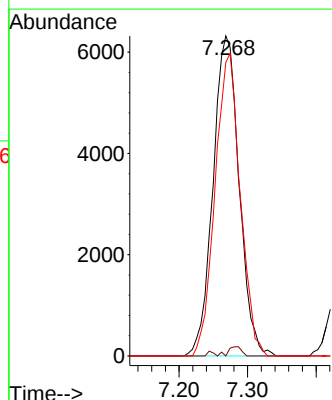
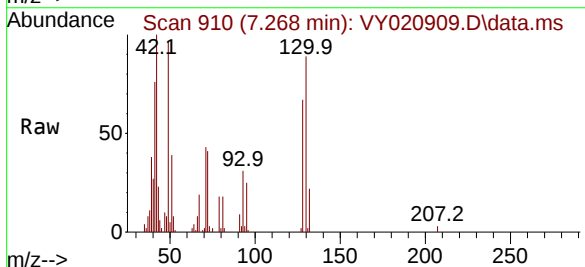
Tgt Ion: 49 Resp: 16717

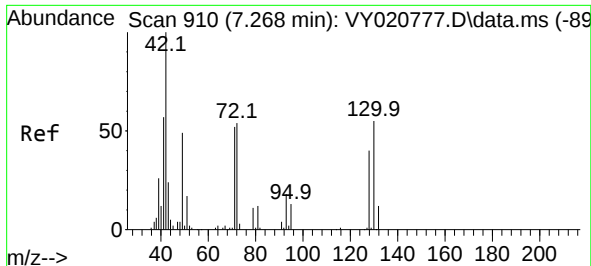
Ion Ratio Lower Upper

49 100

129 1.5 0.0 5.2

130 90.9 77.8 116.6





#29

Tetrahydrofuran

Concen: 119.093 ug/l

RT: 7.287 min Scan# 910

Delta R.T. -0.012 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

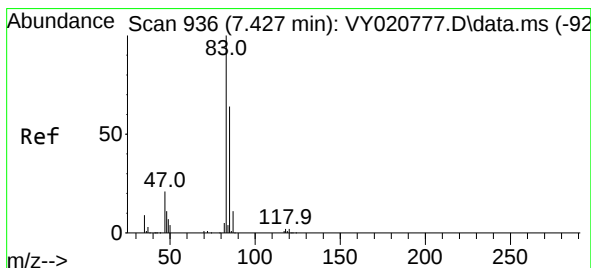
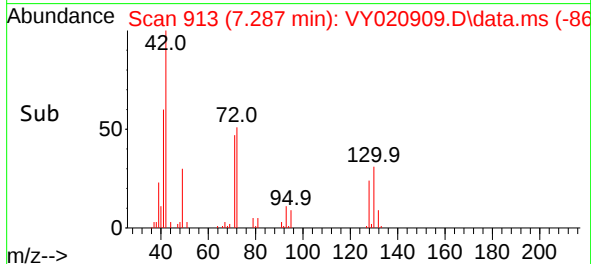
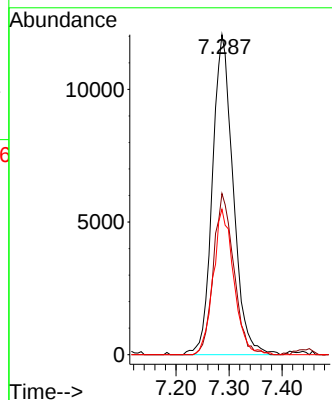
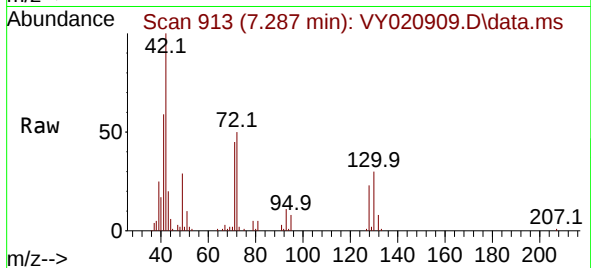
Tgt Ion: 42 Resp: 32801

Ion Ratio Lower Upper

42 100

72 49.4 41.8 62.6

71 45.0 39.8 59.8



#30

Chloroform

Concen: 19.730 ug/l

RT: 7.445 min Scan# 939

Delta R.T. -0.012 min

Lab File: VY020909.D

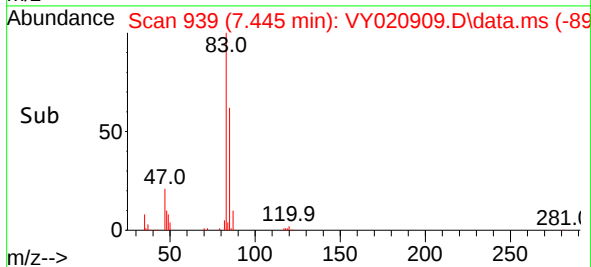
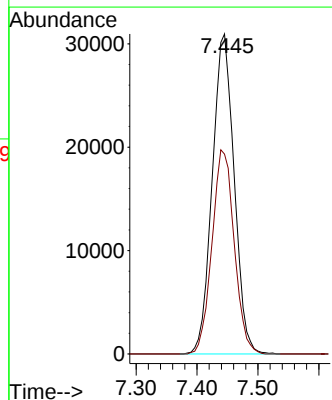
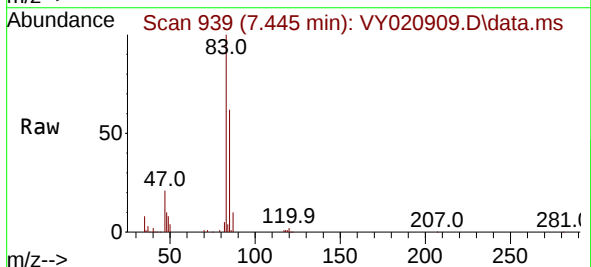
Acq: 23 Jan 2025 11:15

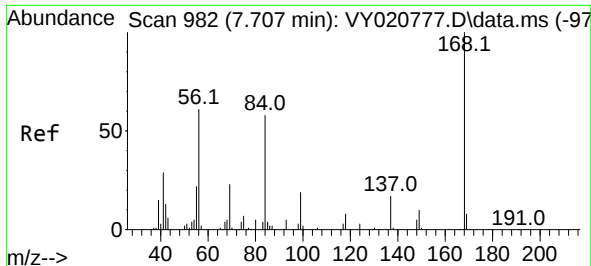
Tgt Ion: 83 Resp: 77260

Ion Ratio Lower Upper

83 100

85 62.4 51.1 76.7

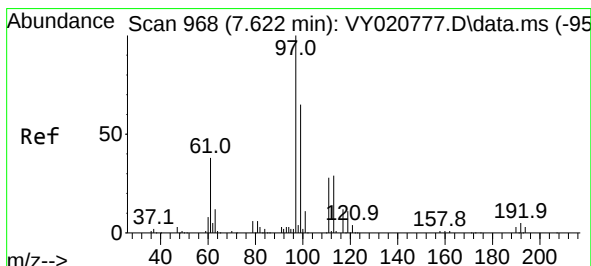
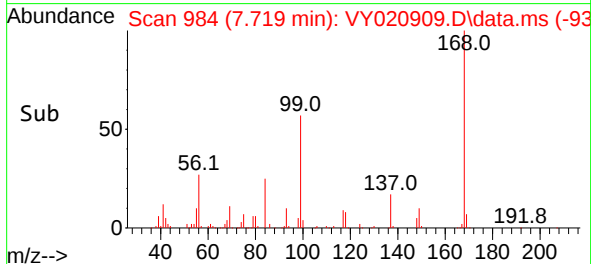
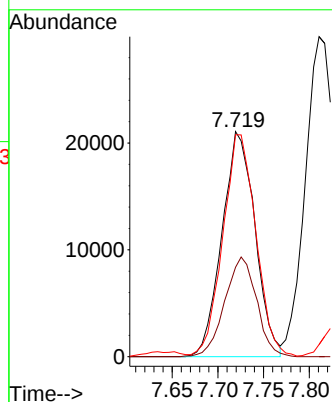
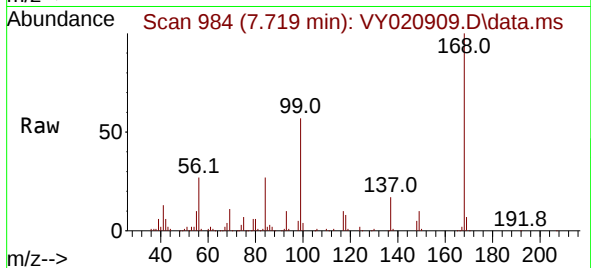




#31
Cyclohexane
Concen: 19.738 ug/l
RT: 7.719 min Scan# 911
Delta R.T. -0.018 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

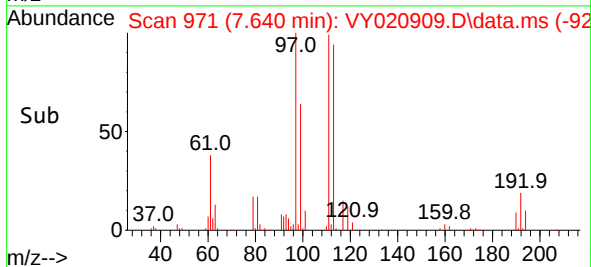
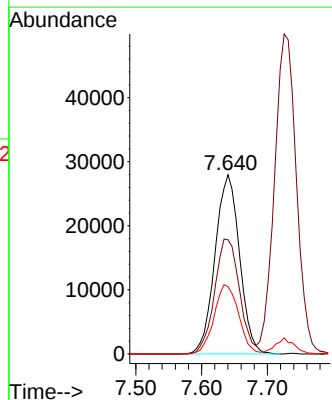
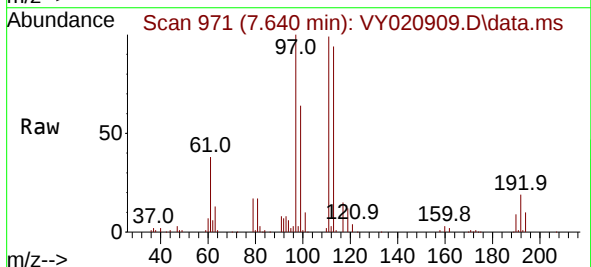
Instrument :
MSVOA_Y
ClientSampleId :

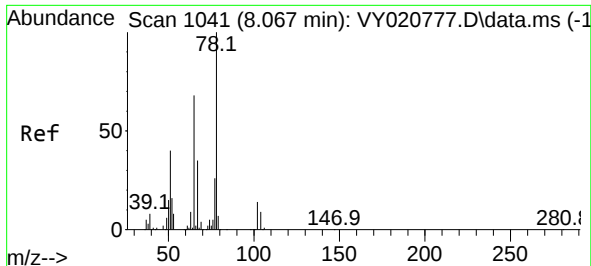
Tgt Ion: 56 Resp: 53013
Ion Ratio Lower Upper
56 100
69 39.8 30.5 45.7
84 97.2 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 18.973 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 97 Resp: 72470
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 38.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 50.809 ug/l

RT: 8.085 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

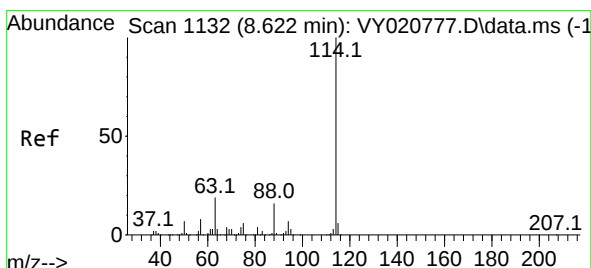
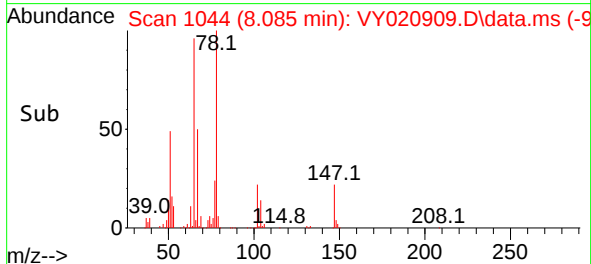
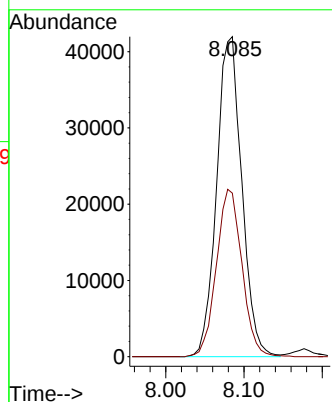
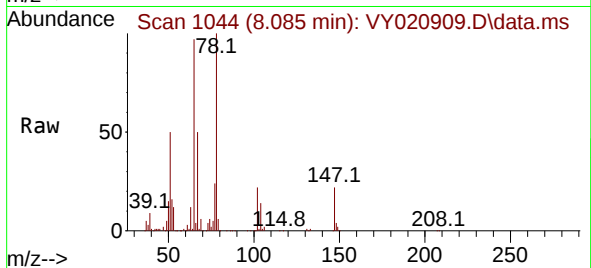
ClientSampleId :

Tgt Ion: 65 Resp: 93782

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.634 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

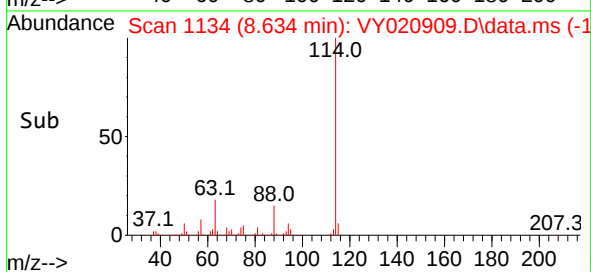
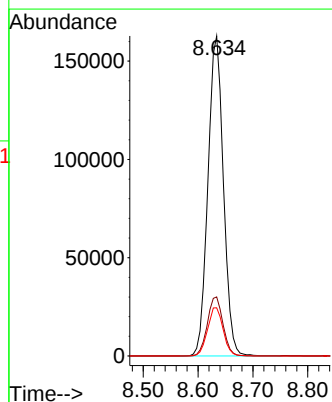
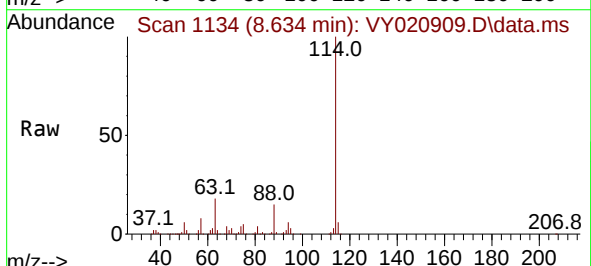
Tgt Ion: 114 Resp: 318394

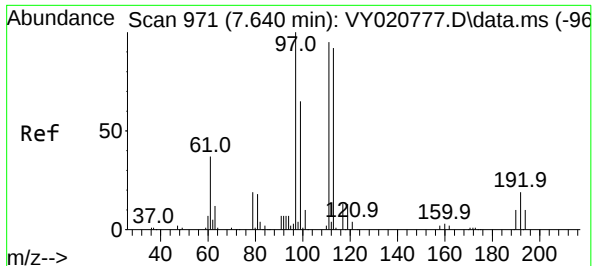
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

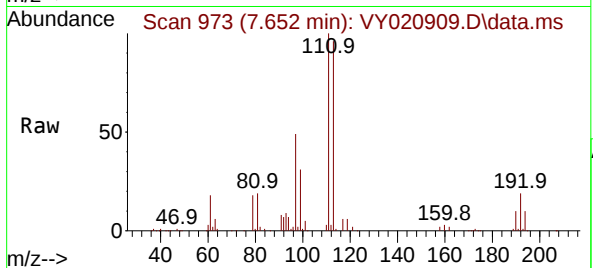
88 15.0 0.0 31.2



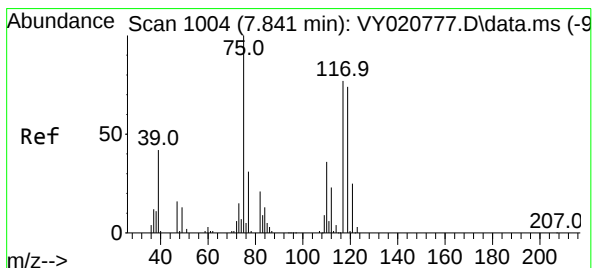
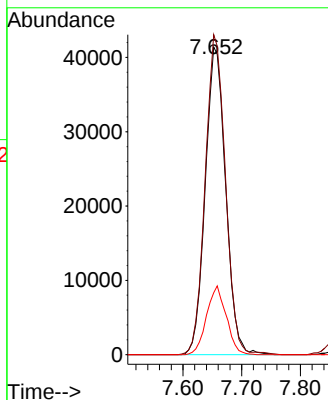
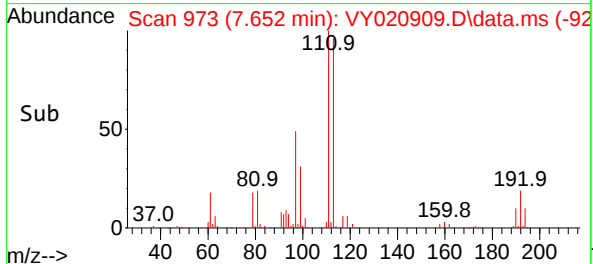


#35
Dibromofluoromethane
Concen: 50.082 ug/l
RT: 7.652 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

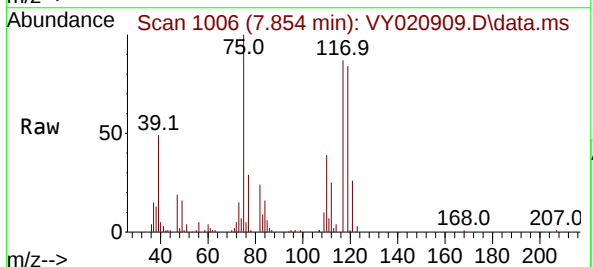
Instrument :
MSVOA_Y
ClientSampleId :



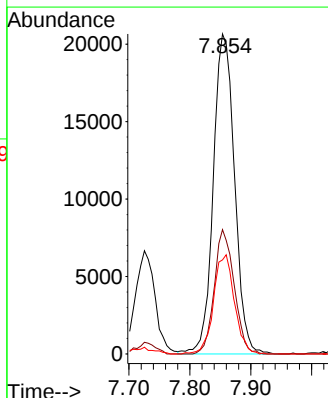
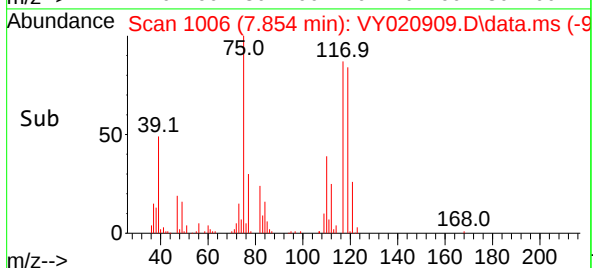
Tgt Ion:113 Resp: 99899
Ion Ratio Lower Upper
113 100
111 103.3 81.7 122.5
192 21.6 16.7 25.1

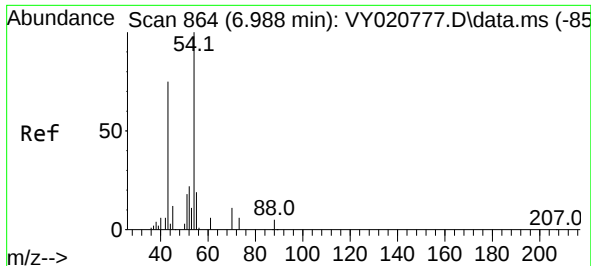


#36
1,1-Dichloropropene
Concen: 19.704 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15



Tgt Ion: 75 Resp: 50133
Ion Ratio Lower Upper
75 100
110 36.3 18.5 55.5
77 30.5 25.0 37.4

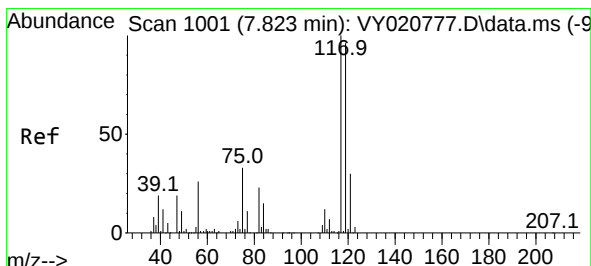
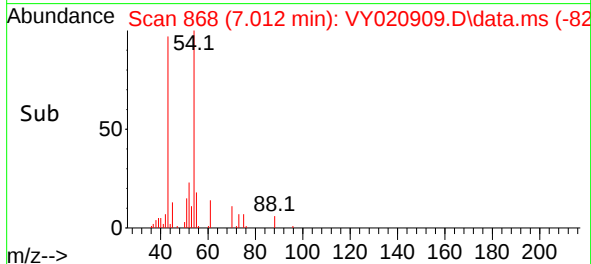
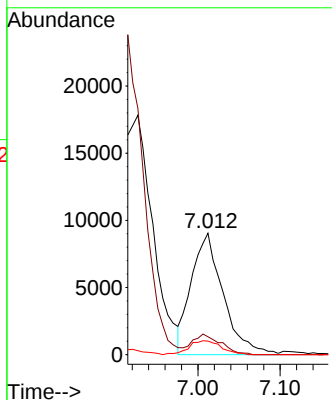
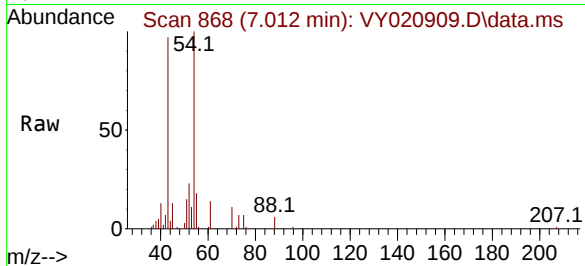




#37
Ethyl Acetate
Concen: 24.113 ug/l
RT: 7.012 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

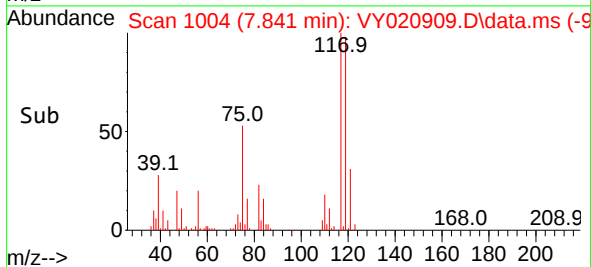
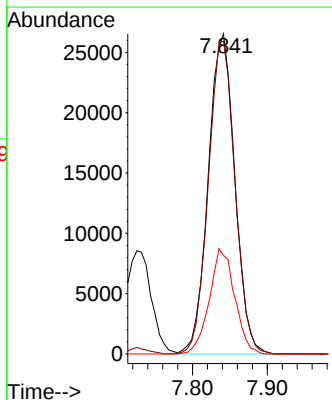
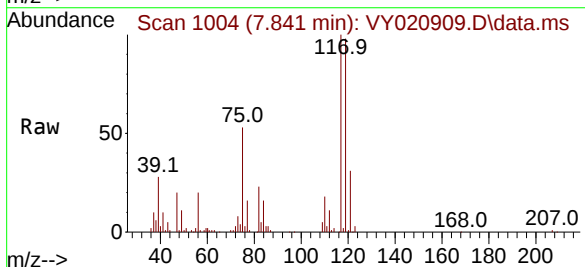
Instrument :
MSVOA_Y
ClientSampleId :

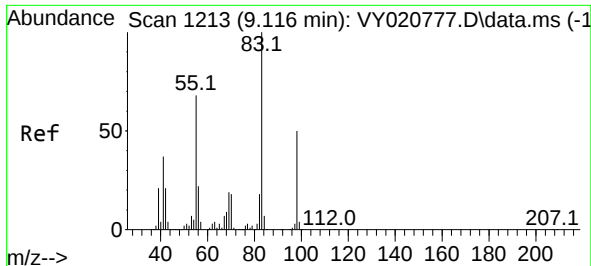
Tgt Ion: 43 Resp: 24414
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 11.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 18.564 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 117 Resp: 65745
Ion Ratio Lower Upper
117 100
119 97.7 76.5 114.7
121 30.8 24.3 36.5





#39

Methylcyclohexane

Concen: 19.129 ug/l

RT: 9.128 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

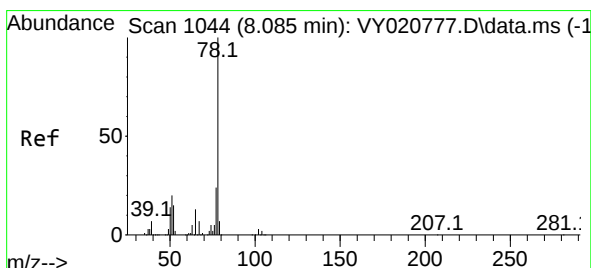
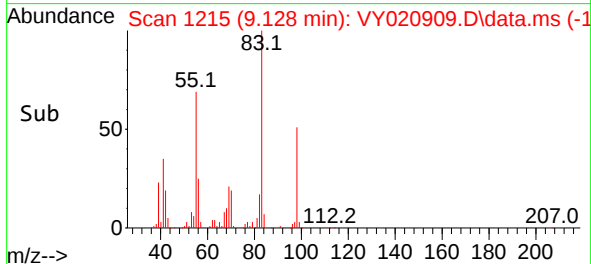
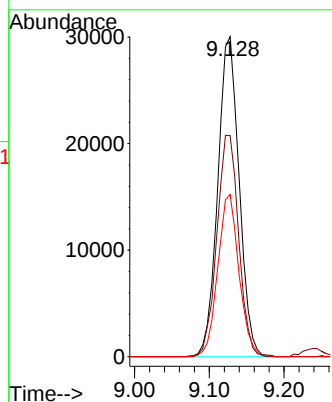
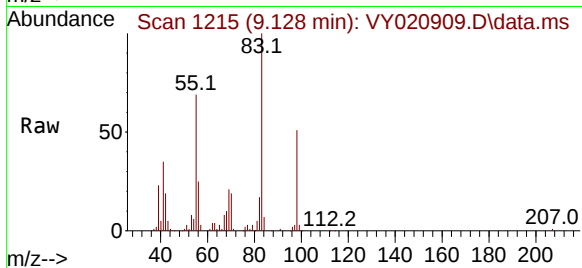
Tgt Ion: 83 Resp: 59723

Ion Ratio Lower Upper

83 100

55 69.1 54.8 82.2

98 50.7 40.0 60.0



#40

Benzene

Concen: 19.787 ug/l

RT: 8.097 min Scan# 1046

Delta R.T. -0.012 min

Lab File: VY020909.D

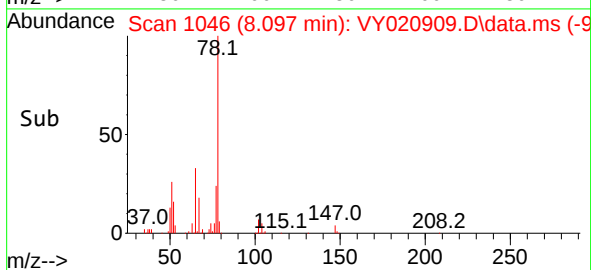
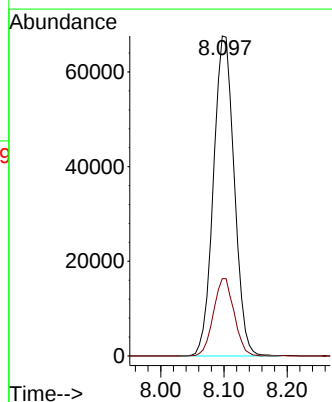
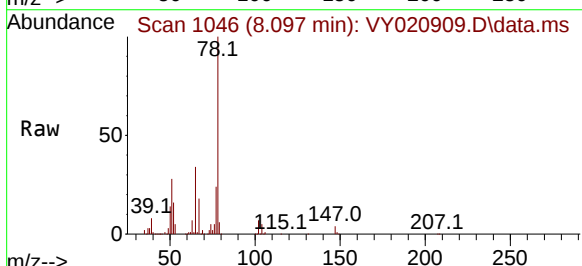
Acq: 23 Jan 2025 11:15

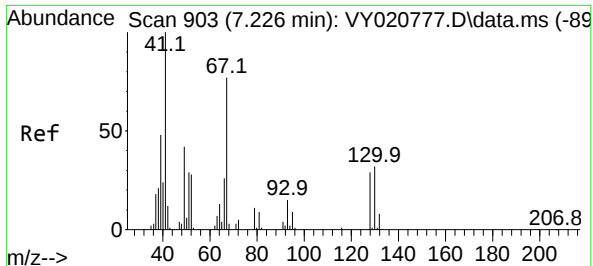
Tgt Ion: 78 Resp: 154509

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.2

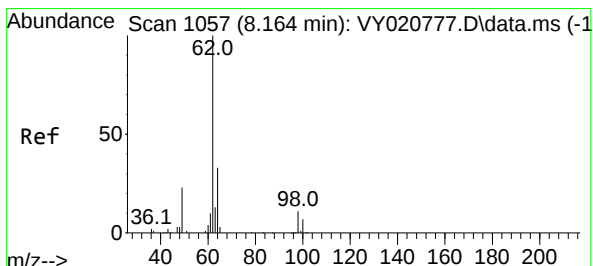
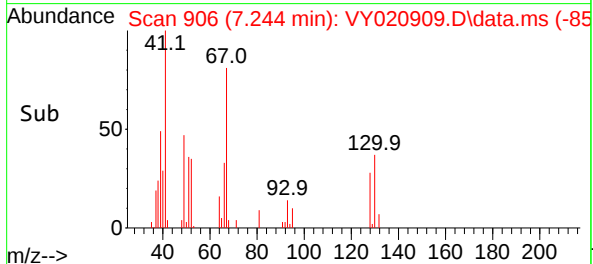
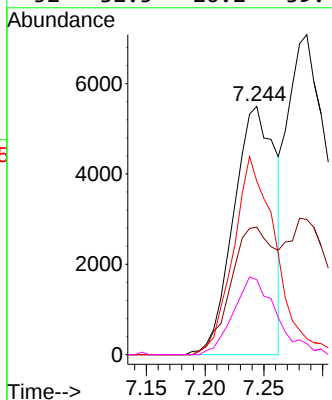
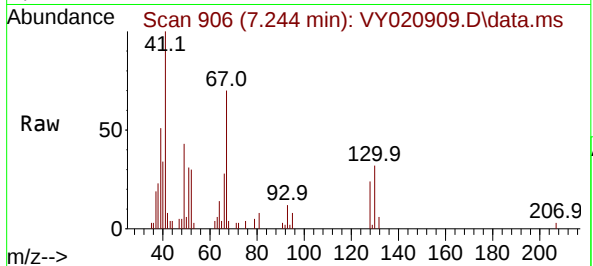




#41
Methacrylonitrile
Concen: 23.377 ug/l
RT: 7.244 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

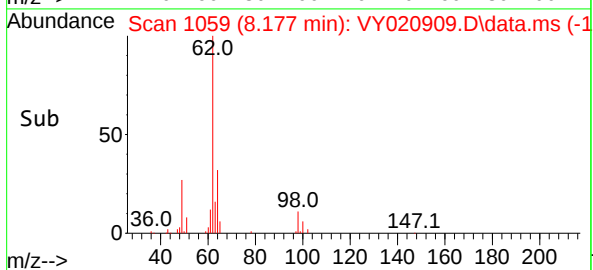
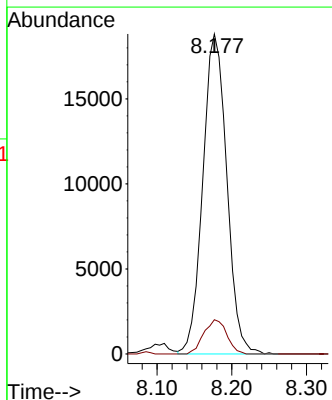
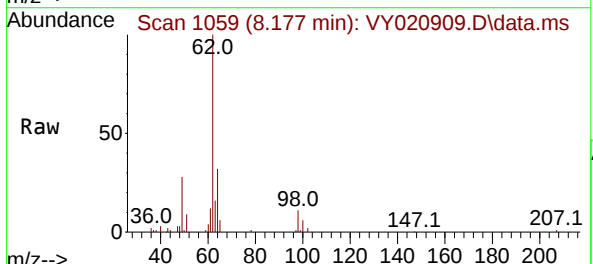
Instrument :
MSVOA_Y
ClientSampleId :

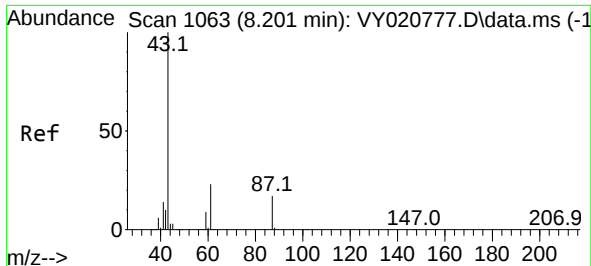
Tgt Ion:	41	Resp:	13555
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.4	63.6
67	82.1	67.8	101.8
52	32.5	26.2	39.4



#42
1,2-Dichloroethane
Concen: 19.637 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion:	62	Resp:	41874
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.6

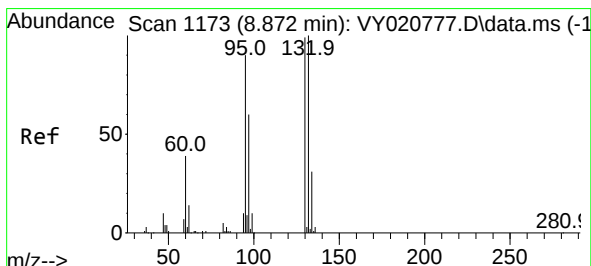
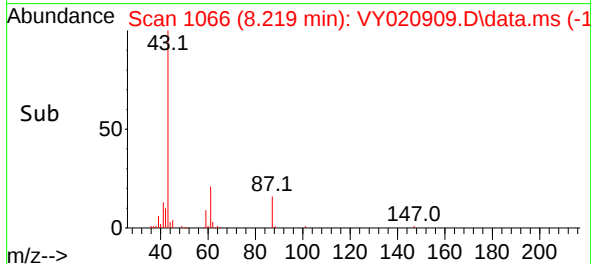
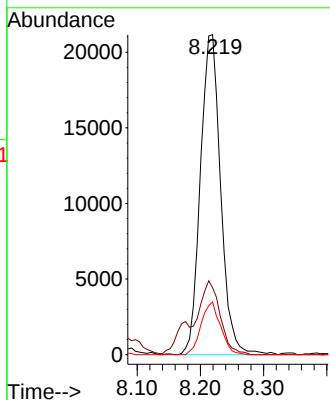
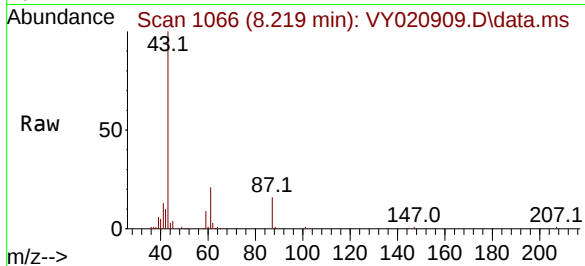




#43
Isopropyl Acetate
Concen: 22.928 ug/l
RT: 8.219 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

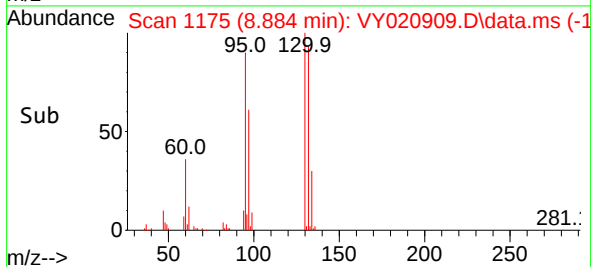
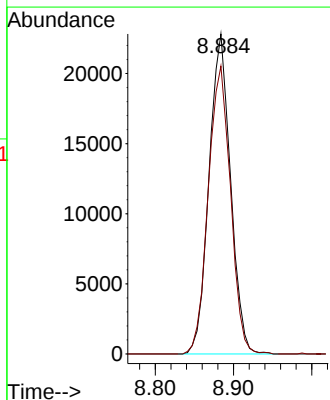
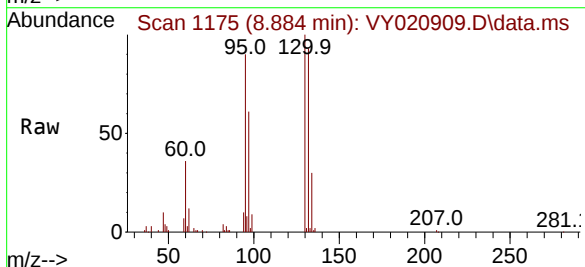
Instrument :
MSVOA_Y
ClientSampleId :

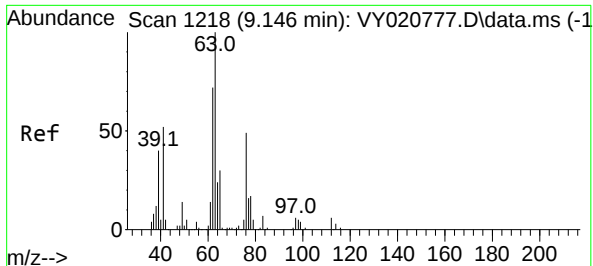
Tgt Ion: 43 Resp: 47216
Ion Ratio Lower Upper
43 100
61 24.2 26.5 39.7#
87 15.7 13.4 20.0



#44
Trichloroethene
Concen: 19.998 ug/l
RT: 8.884 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion:130 Resp: 43532
Ion Ratio Lower Upper
130 100
95 90.0 0.0 181.0





#45

1,2-Dichloropropane

Concen: 21.608 ug/l

RT: 9.158 min Scan# 1220

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

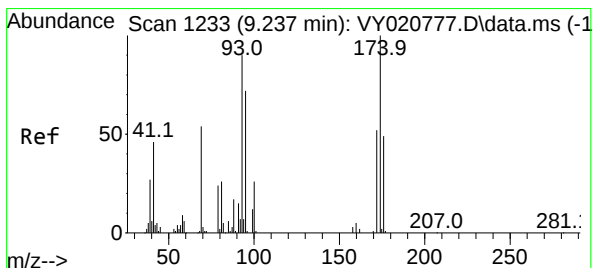
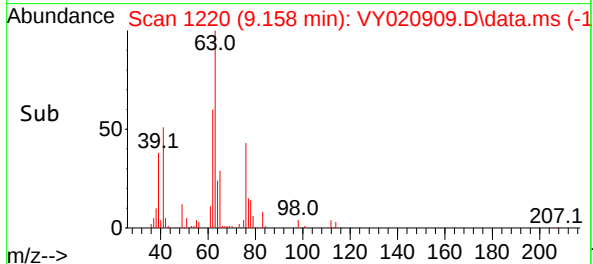
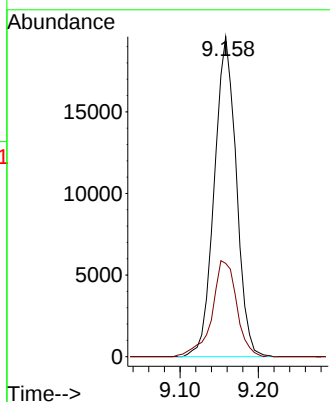
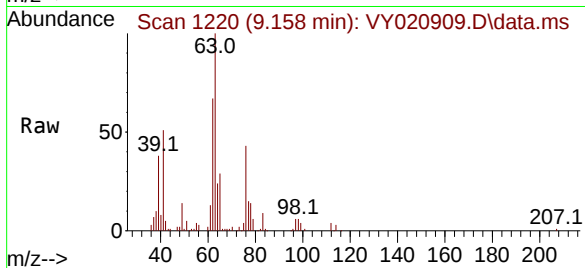
ClientSampleId :

Tgt Ion: 63 Resp: 38252

Ion Ratio Lower Upper

63 100

65 29.1 24.2 36.4



#46

Dibromomethane

Concen: 21.138 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

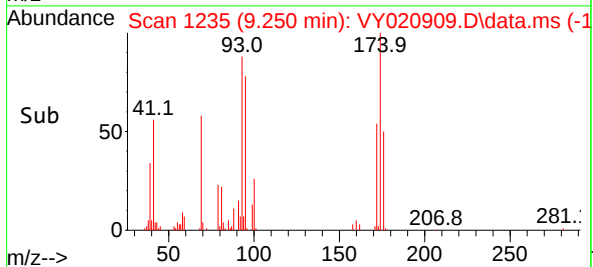
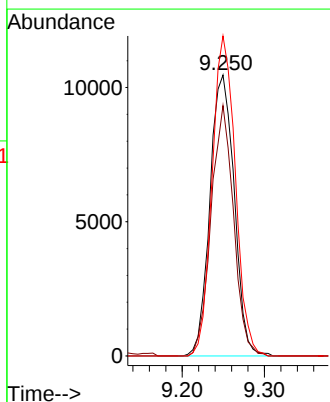
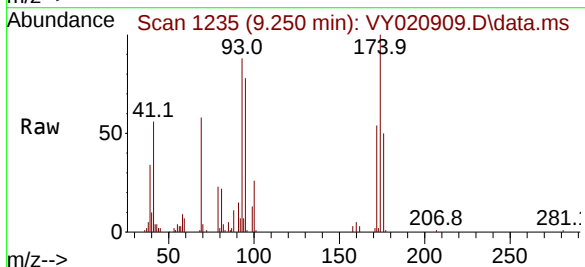
Tgt Ion: 93 Resp: 21487

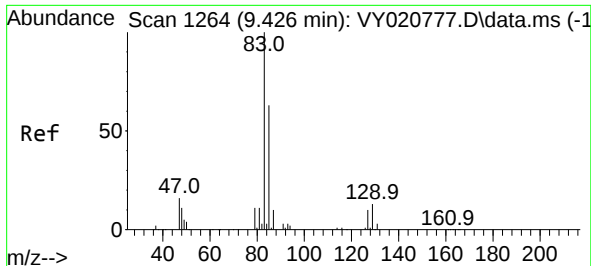
Ion Ratio Lower Upper

93 100

95 82.5 68.2 102.4

174 108.9 89.0 133.6

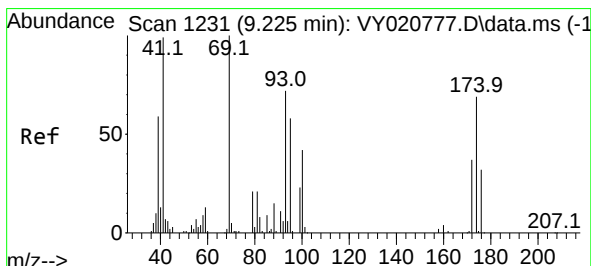
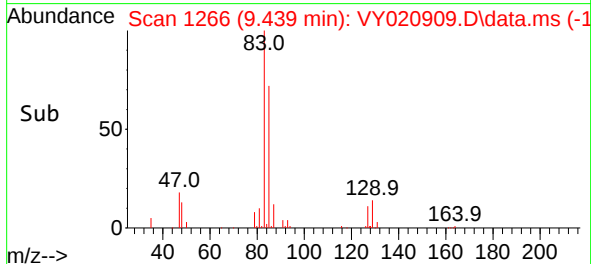
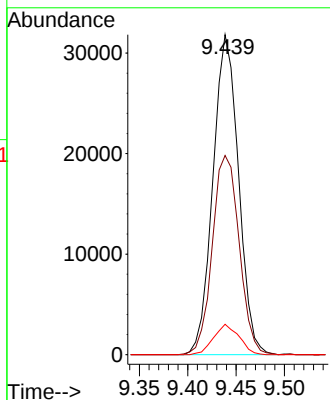
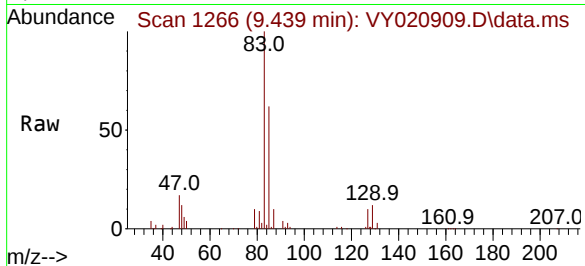




#47
Bromodichloromethane
Concen: 20.097 ug/l
RT: 9.439 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

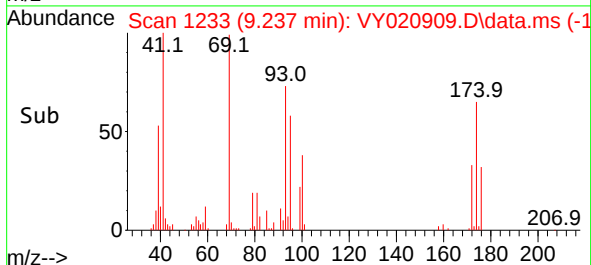
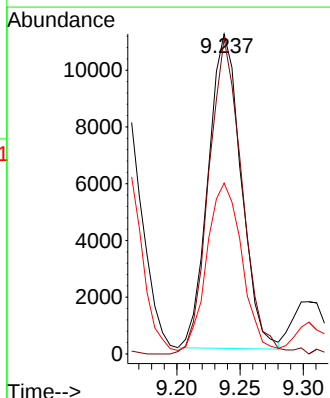
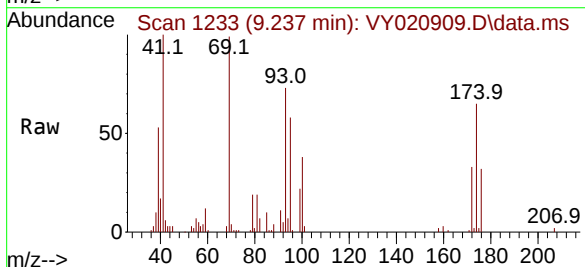
Instrument :
MSVOA_Y
ClientSampleId :

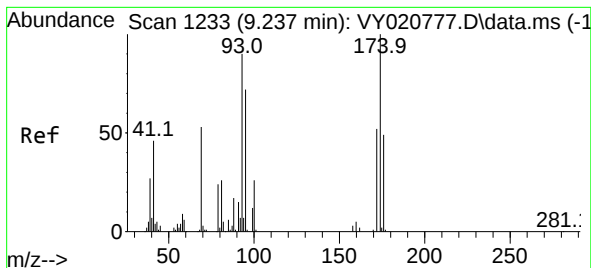
Tgt Ion: 83 Resp: 58508
Ion Ratio Lower Upper
83 100
85 62.3 50.7 76.1
127 9.5 7.9 11.9



#48
Methyl methacrylate
Concen: 21.751 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 41 Resp: 20081
Ion Ratio Lower Upper
41 100
69 101.8 78.9 118.3
39 58.7 44.6 67.0





#49

1,4-Dioxane

Concen: 397.299 ug/l

RT: 9.256 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

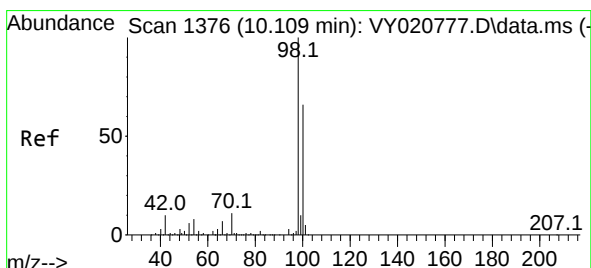
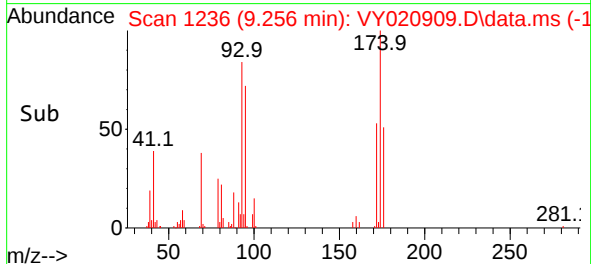
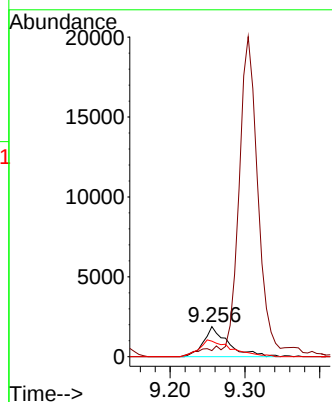
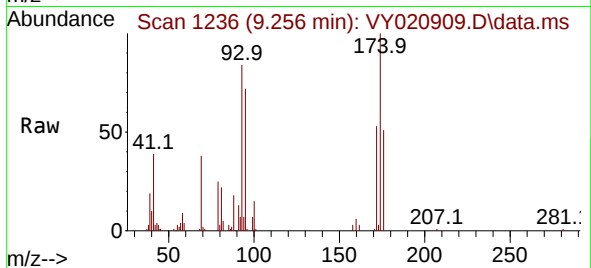
Tgt Ion: 88 Resp: 4288

Ion Ratio Lower Upper

88 100

43 0.0 24.4 36.6#

58 72.4 51.0 76.6



#50

Toluene-d8

Concen: 52.899 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. -0.012 min

Lab File: VY020909.D

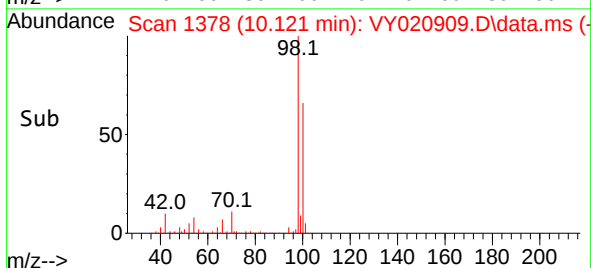
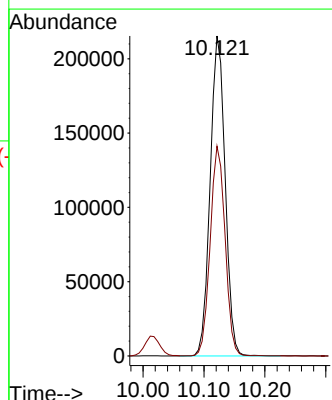
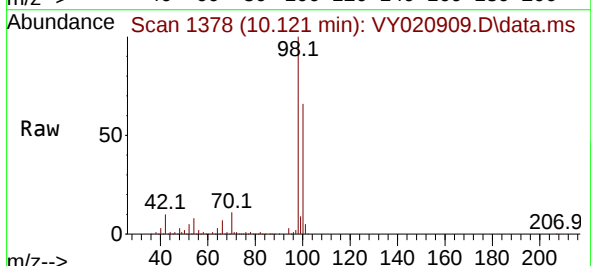
Acq: 23 Jan 2025 11:15

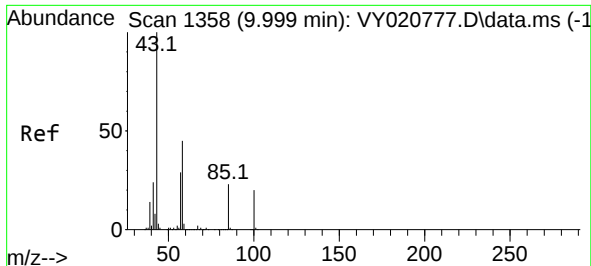
Tgt Ion: 98 Resp: 367837

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 123.314 ug/l

RT: 10.012 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

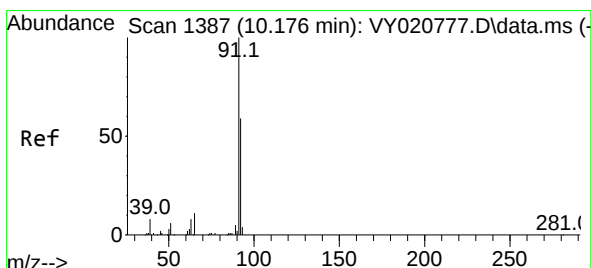
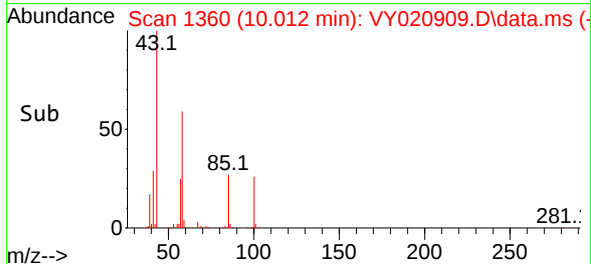
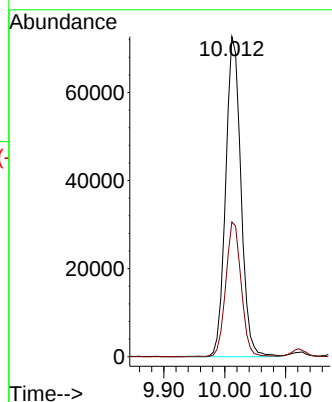
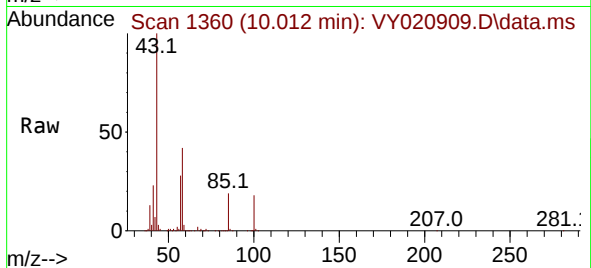
ClientSampleId :

Tgt Ion: 43 Resp: 126869

Ion Ratio Lower Upper

43 100

58 42.3 34.8 52.2



#52

Toluene

Concen: 20.144 ug/l

RT: 10.188 min Scan# 1389

Delta R.T. -0.006 min

Lab File: VY020909.D

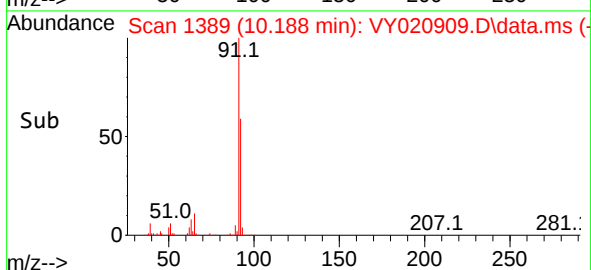
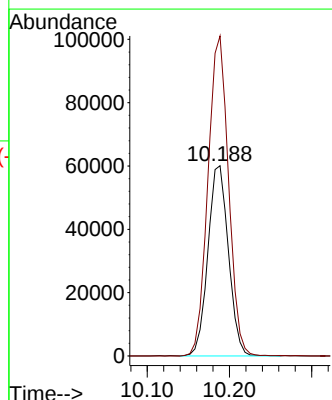
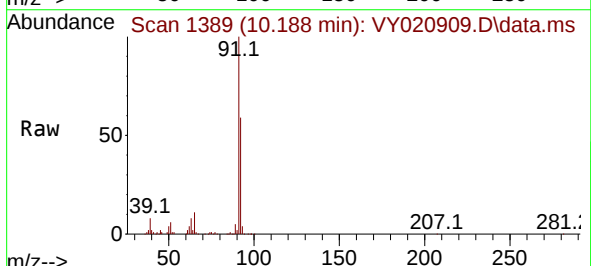
Acq: 23 Jan 2025 11:15

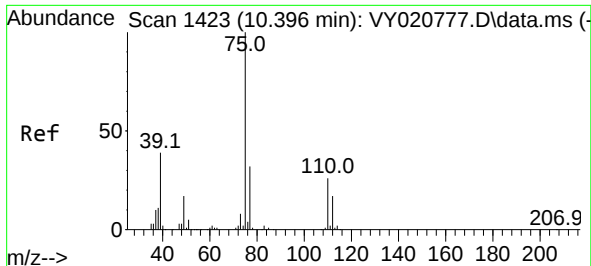
Tgt Ion: 92 Resp: 104164

Ion Ratio Lower Upper

92 100

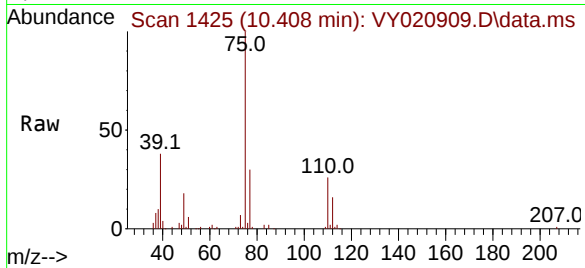
91 168.6 136.6 204.8



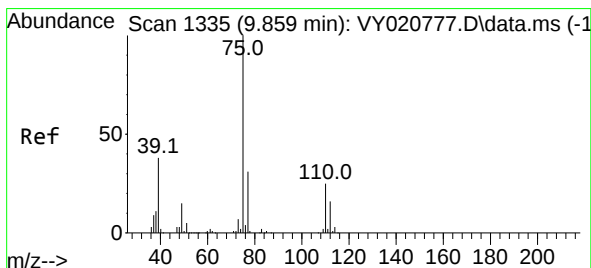
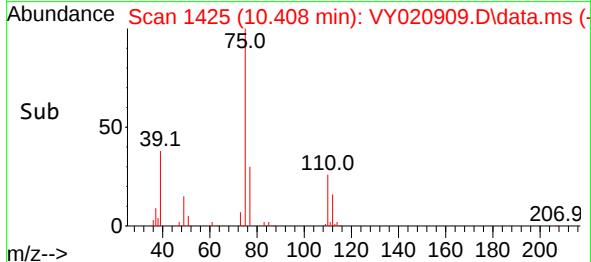
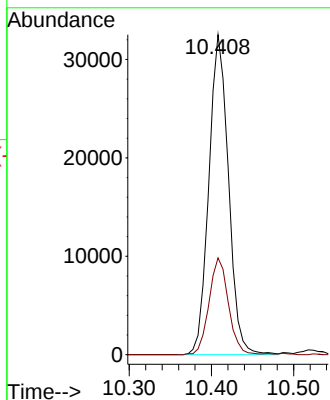


#53
 t-1,3-Dichloropropene
 Concen: 20.829 ug/l
 RT: 10.408 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :

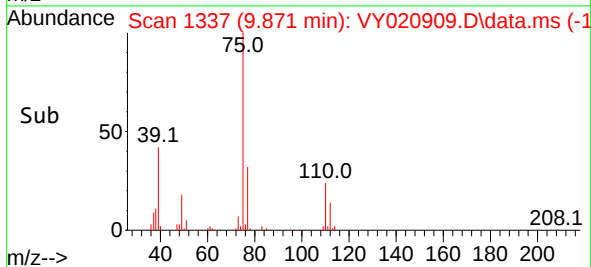
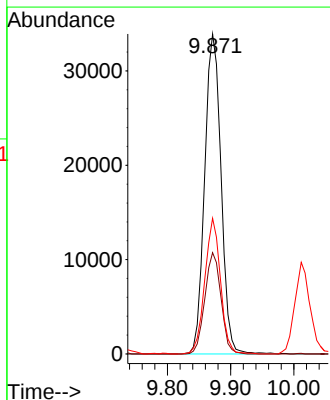
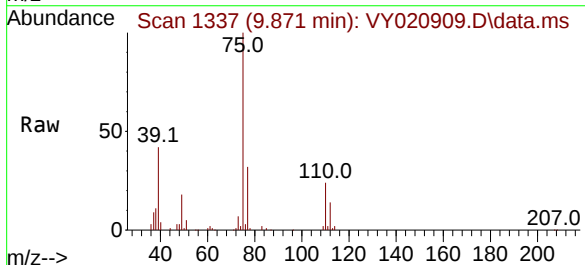


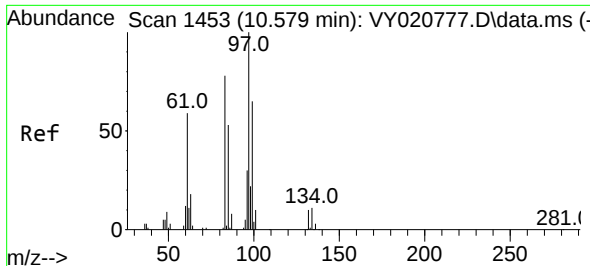
Tgt Ion: 75 Resp: 53933
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.367 ug/l
 RT: 9.871 min Scan# 1337
 Delta R.T. -0.006 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

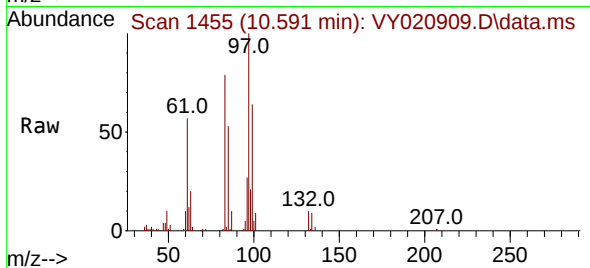
Tgt Ion: 75 Resp: 61246
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.5 36.7
 39 42.4 30.7 46.1





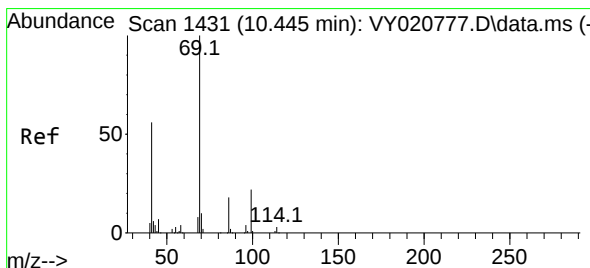
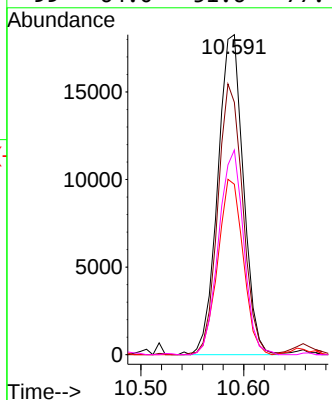
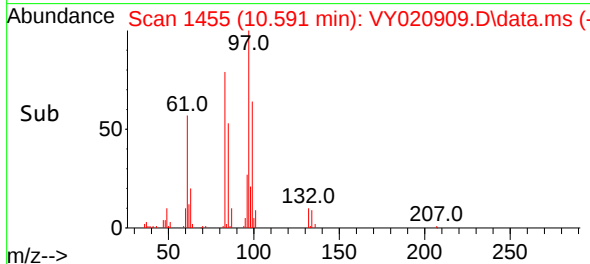
#55
1,1,2-Trichloroethane
Concen: 21.762 ug/l
RT: 10.591 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

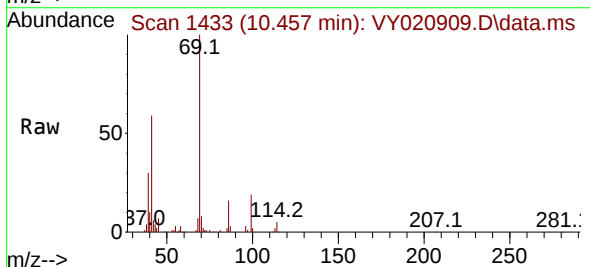


Tgt Ion: 97 Resp: 31604

Ion	Ratio	Lower	Upper
97	100		
83	78.9	62.8	94.2
85	53.3	42.4	63.6
99	64.0	51.6	77.4

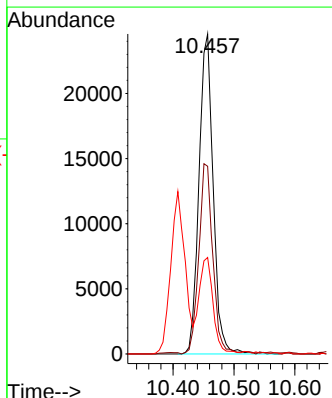
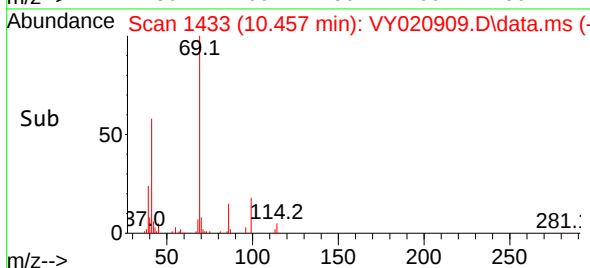


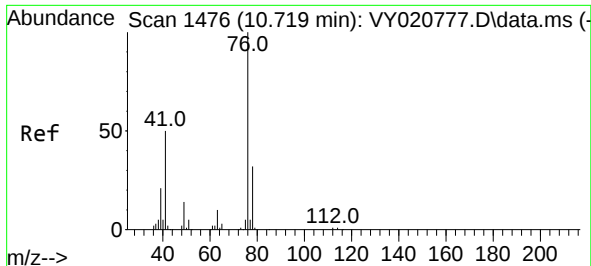
#56
Ethyl methacrylate
Concen: 21.655 ug/l
RT: 10.457 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15



Tgt Ion: 69 Resp: 39717

Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.6	69.8
39	29.3	25.7	38.5





#57

1,3-Dichloropropane

Concen: 21.783 ug/l

RT: 10.731 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

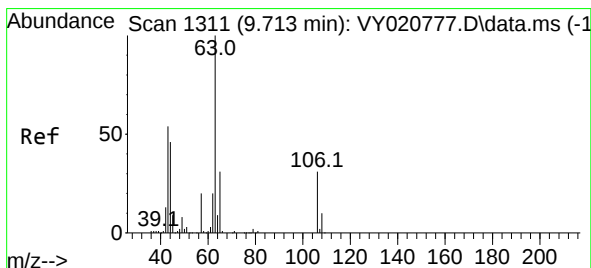
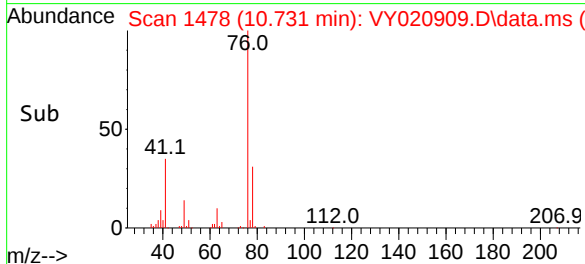
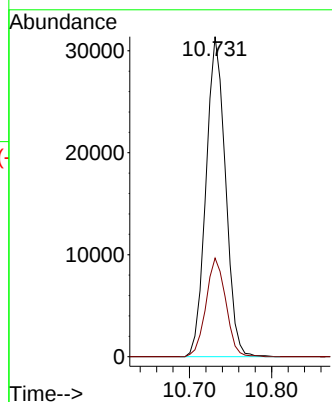
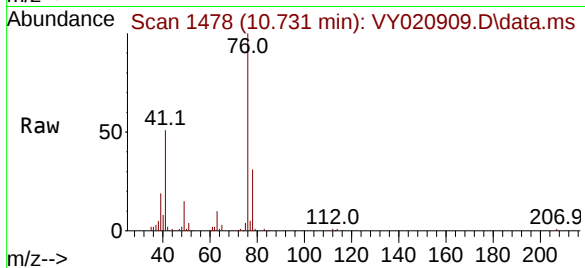
ClientSampleId :

Tgt Ion: 76 Resp: 51565

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.742 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VY020909.D

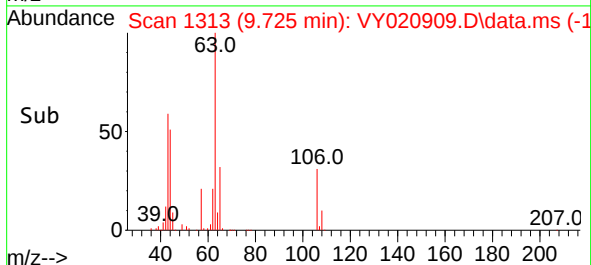
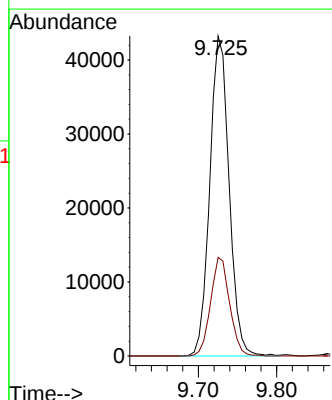
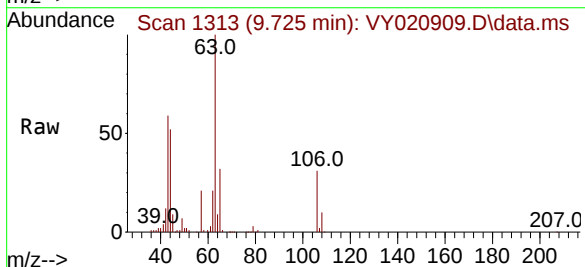
Acq: 23 Jan 2025 11:15

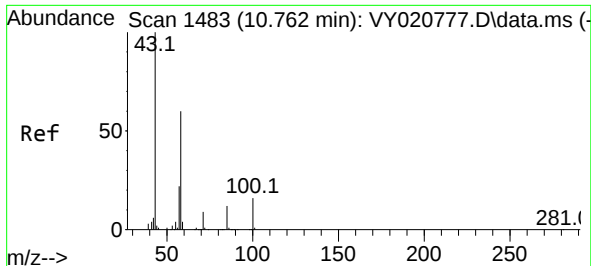
Tgt Ion: 63 Resp: 74027

Ion Ratio Lower Upper

63 100

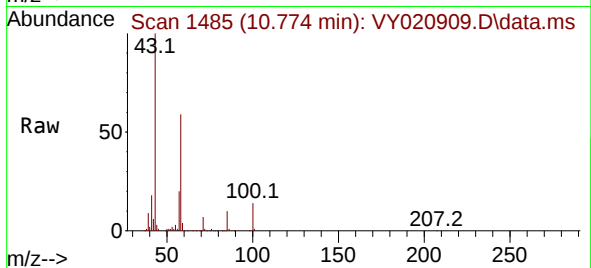
106 30.3 25.9 38.9



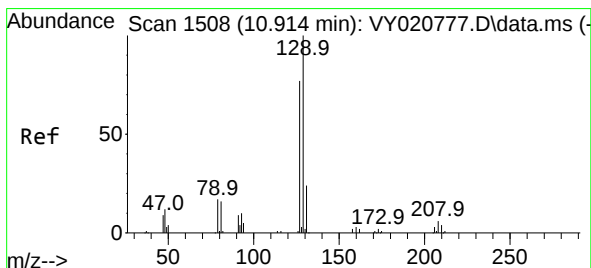
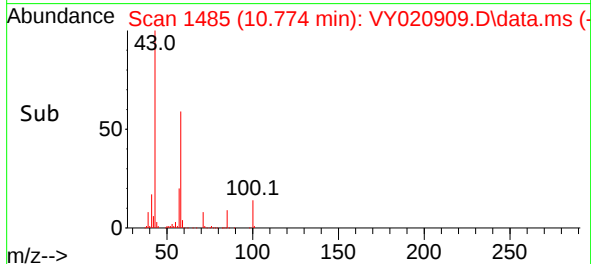
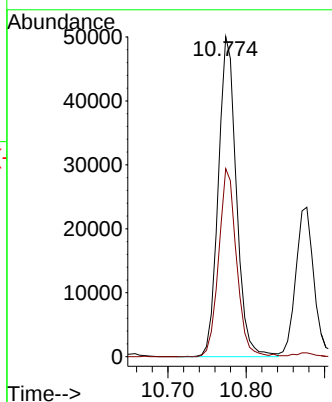


#59
2-Hexanone
Concen: 121.643 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Instrument :
MSVOA_Y
ClientSampleId :

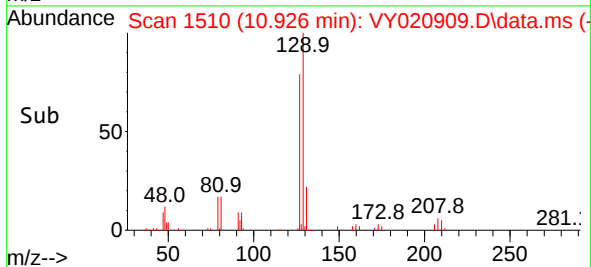
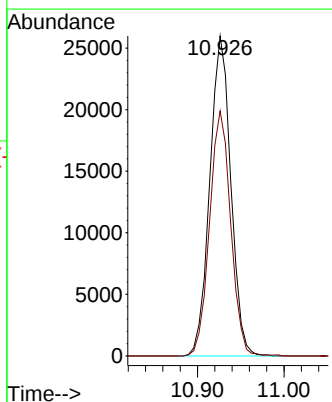
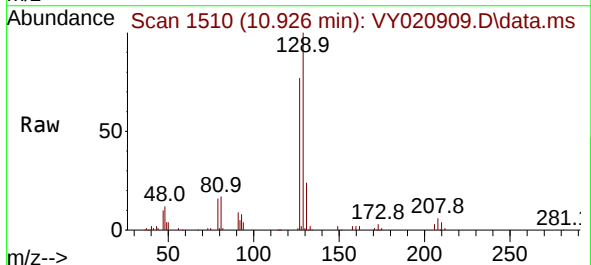


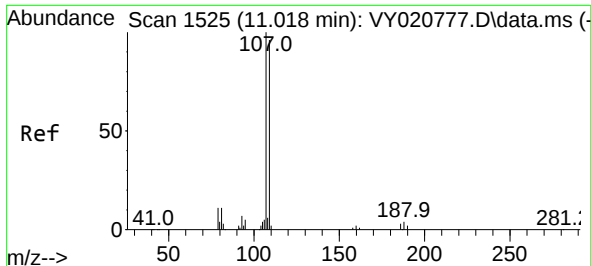
Tgt Ion: 43 Resp: 80289
Ion Ratio Lower Upper
43 100
58 58.2 30.6 92.0



#60
Dibromochloromethane
Concen: 20.777 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 129 Resp: 43762
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

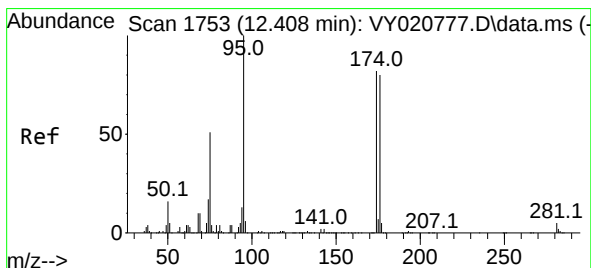
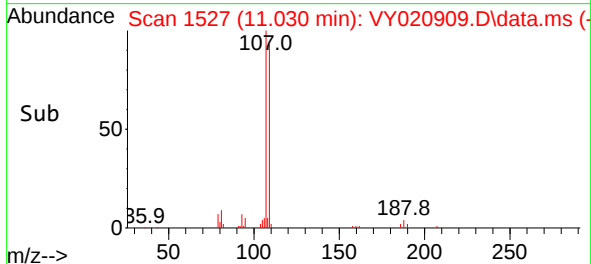
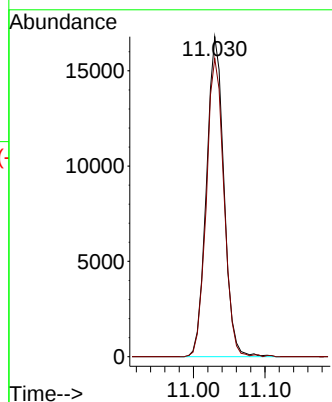
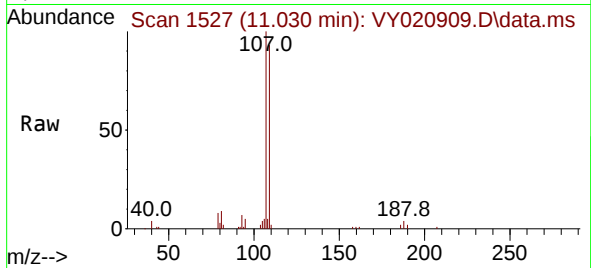




#61
1,2-Dibromoethane
Concen: 21.816 ug/l
RT: 11.030 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

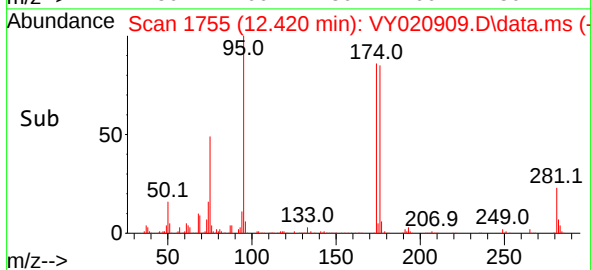
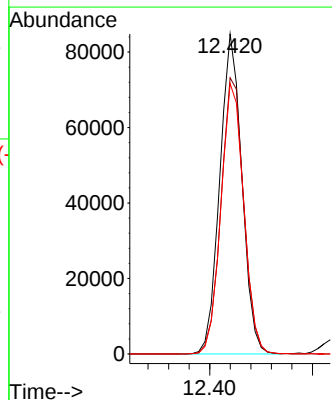
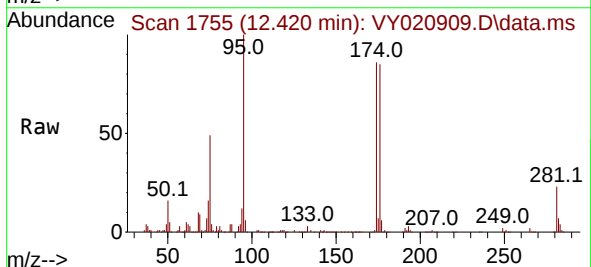
Instrument :
MSVOA_Y
ClientSampleId :

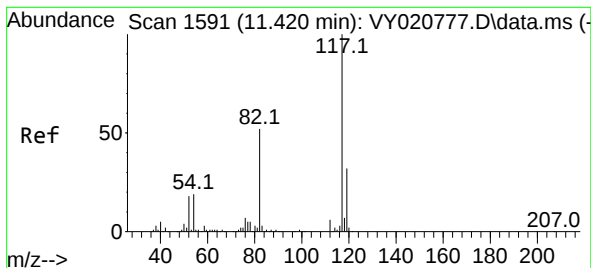
Tgt Ion:107 Resp: 28444
Ion Ratio Lower Upper
107 100
109 94.0 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 49.172 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 95 Resp: 126266
Ion Ratio Lower Upper
95 100
174 89.0 0.0 178.0
176 87.4 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 11

Delta R.T. -0.006 min

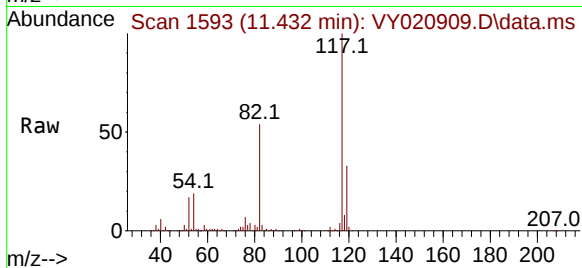
Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :



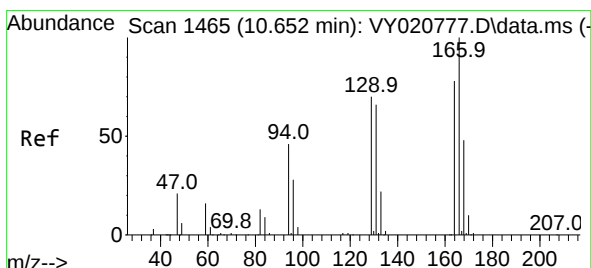
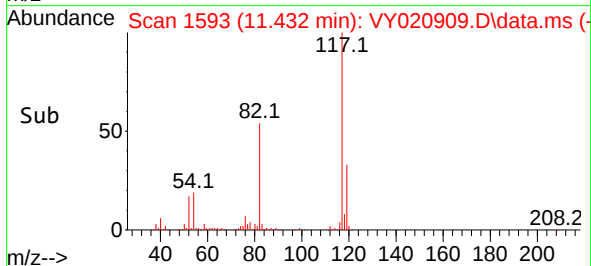
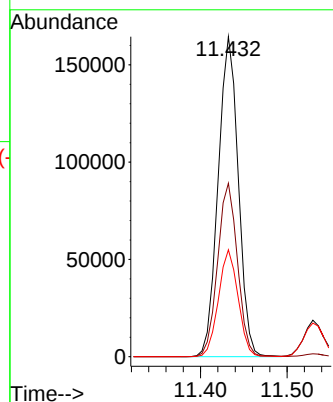
Tgt Ion:117 Resp: 265954

Ion Ratio Lower Upper

117 100

82 54.2 41.8 62.6

119 33.4 25.8 38.8



#64

Tetrachloroethene

Concen: 19.399 ug/l

RT: 10.664 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Tgt Ion:164 Resp: 37931

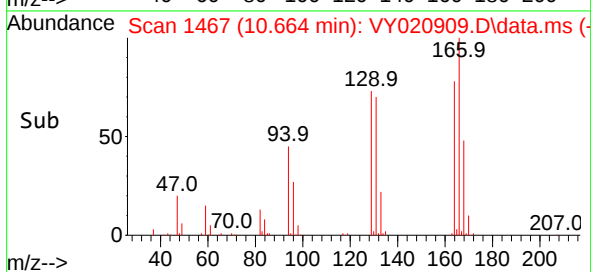
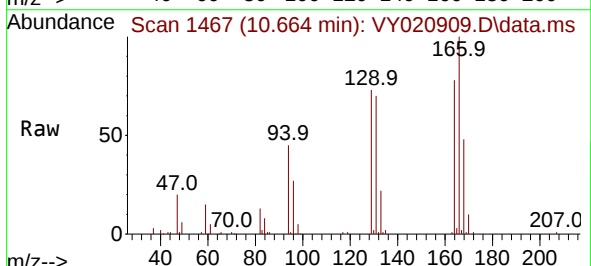
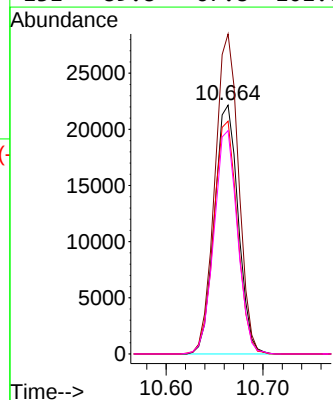
Ion Ratio Lower Upper

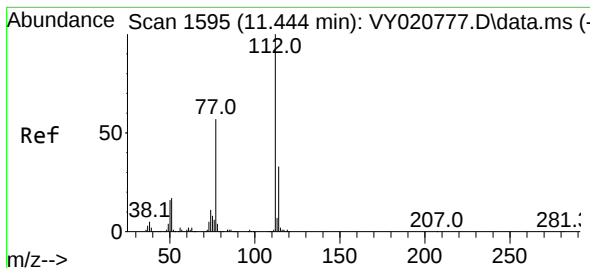
164 100

166 128.6 102.0 153.0

129 93.6 71.4 107.2

131 89.8 67.8 101.6





#65

Chlorobenzene

Concen: 19.710 ug/l

RT: 11.457 min Scan# 1159

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

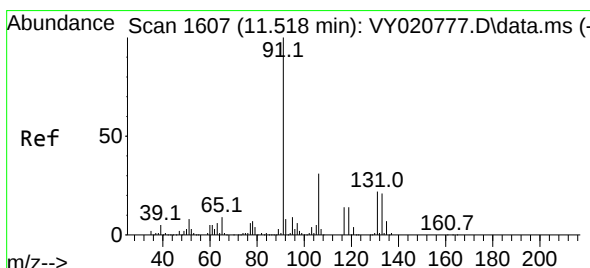
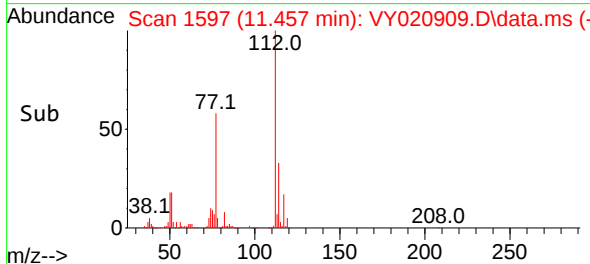
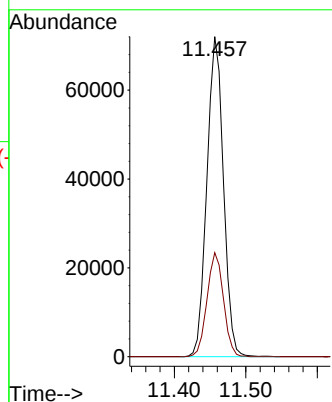
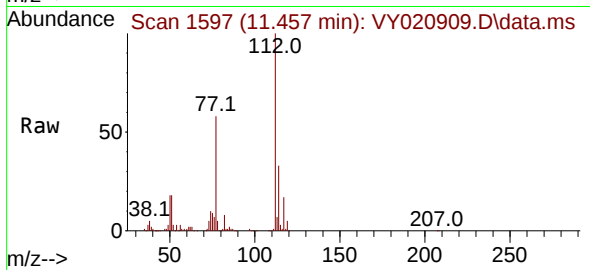
ClientSampleId :

Tgt Ion:112 Resp: 115901

Ion Ratio Lower Upper

112 100

114 32.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.495 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

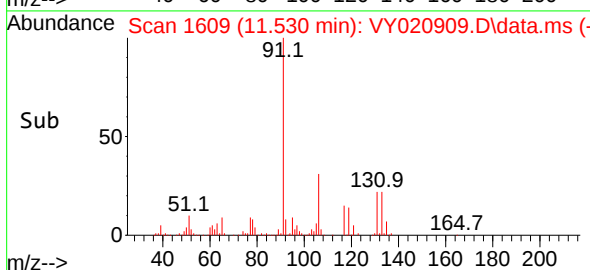
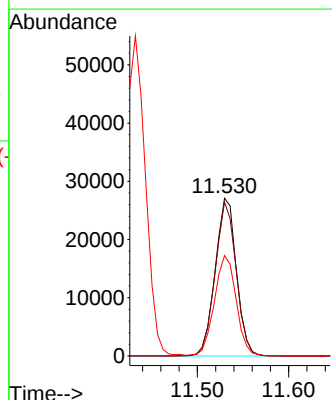
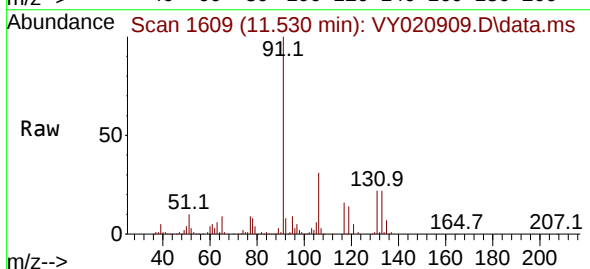
Tgt Ion:131 Resp: 43640

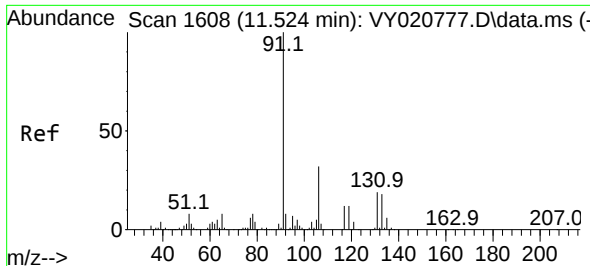
Ion Ratio Lower Upper

131 100

133 96.8 46.9 140.8

119 65.6 30.2 90.6

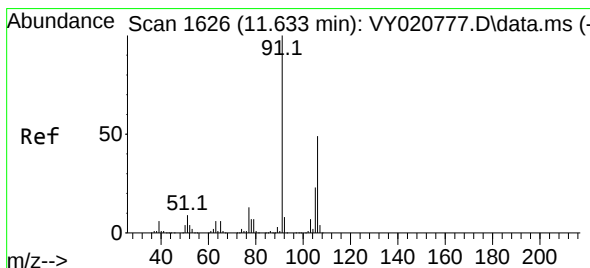
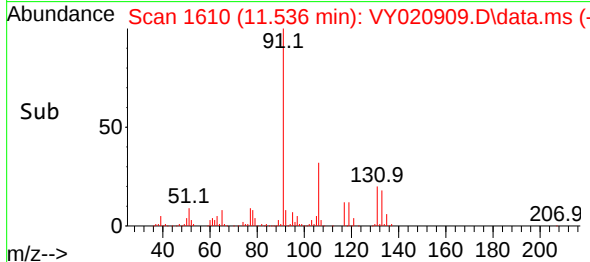
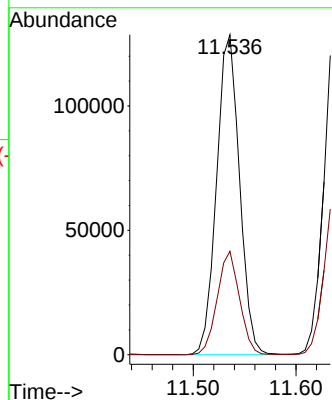
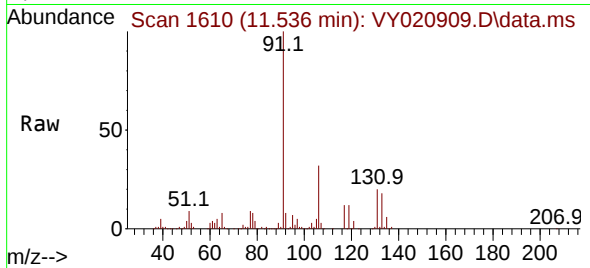




#67
Ethyl Benzene
Concen: 19.545 ug/l
RT: 11.536 min Scan# 1610
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

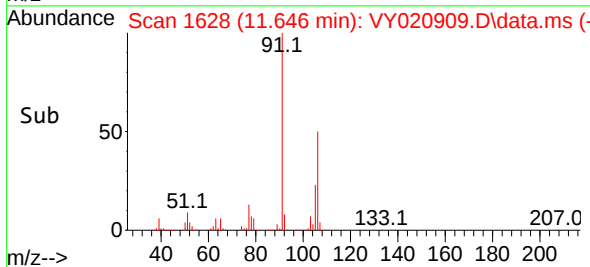
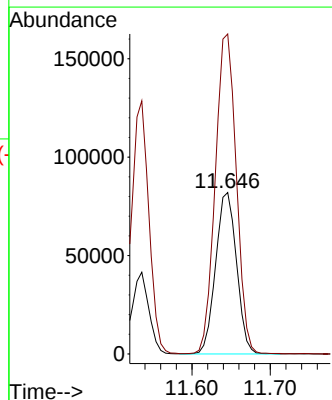
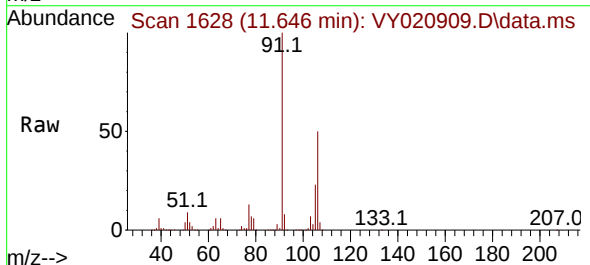
Instrument :
MSVOA_Y
ClientSampleId :

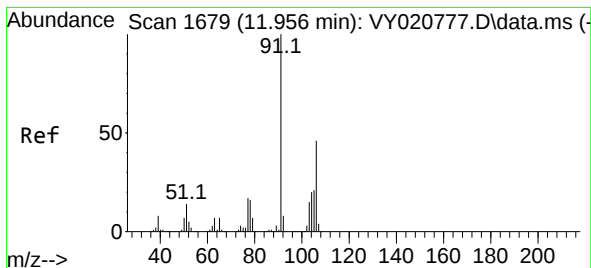
Tgt Ion: 91 Resp: 198979
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 38.836 ug/l
RT: 11.646 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion:106 Resp: 152226
Ion Ratio Lower Upper
106 100
91 199.1 162.6 243.8





#69

o-Xylene

Concen: 19.418 ug/l

RT: 11.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

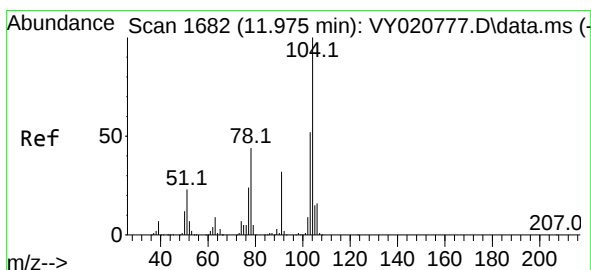
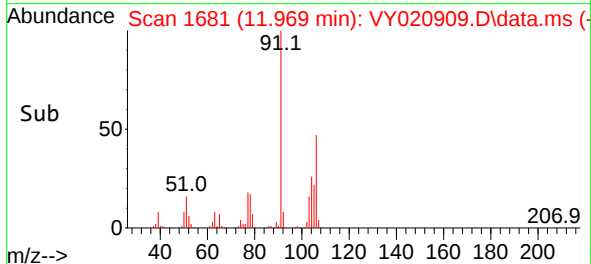
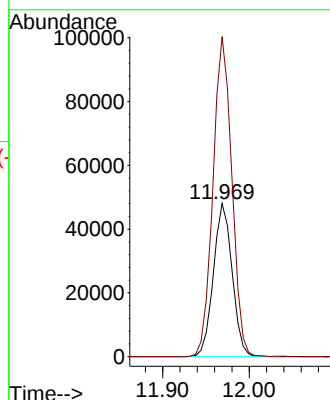
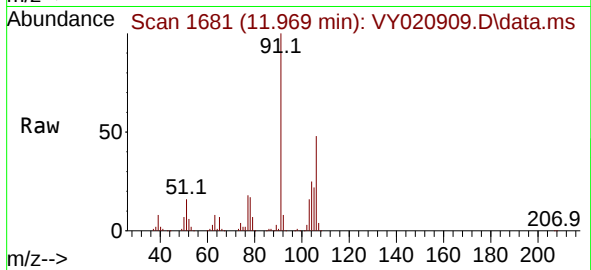
ClientSampleId :

Tgt Ion:106 Resp: 72166

Ion Ratio Lower Upper

106 100

91 210.4 108.2 324.6



#70

Styrene

Concen: 19.749 ug/l

RT: 11.987 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

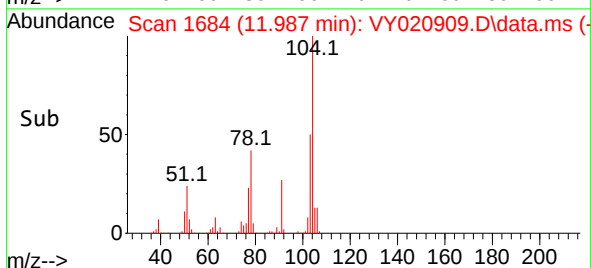
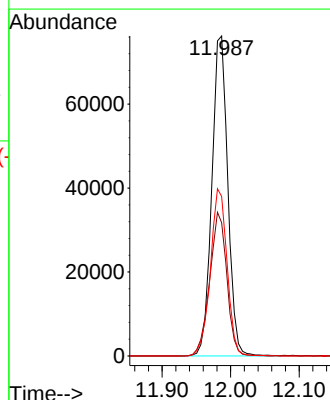
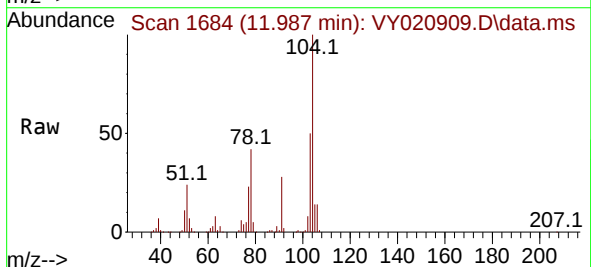
Tgt Ion:104 Resp: 123551

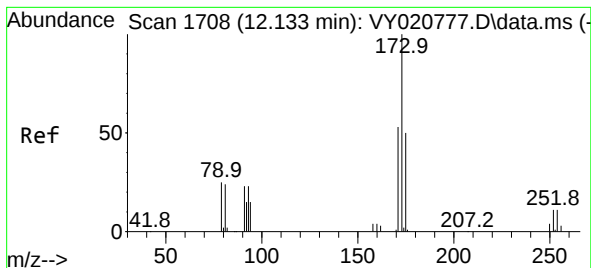
Ion Ratio Lower Upper

104 100

78 48.2 39.4 59.2

103 54.6 44.0 66.0





#71

Bromoform

Concen: 21.269 ug/l

RT: 12.145 min Scan# 1708

Delta R.T. -0.006 min

Lab File: VY020909.D

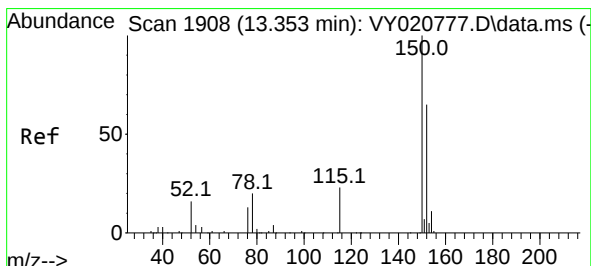
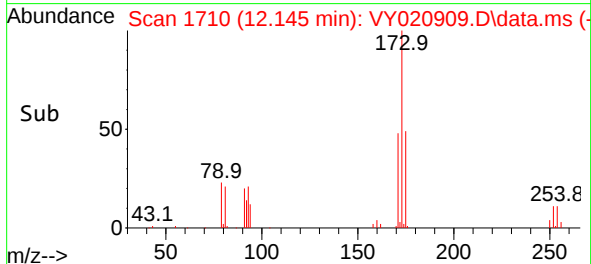
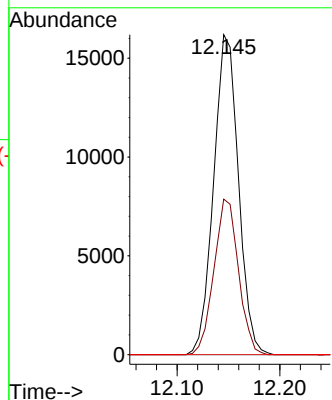
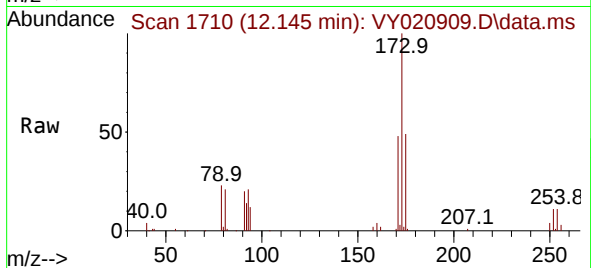
Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	27066
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.2 72.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

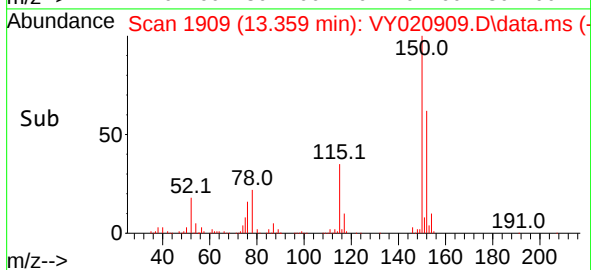
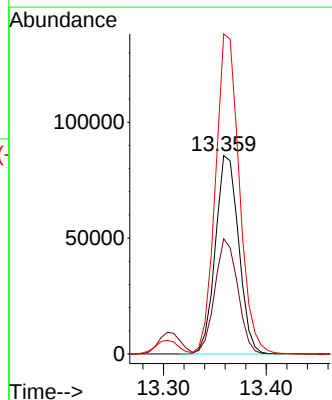
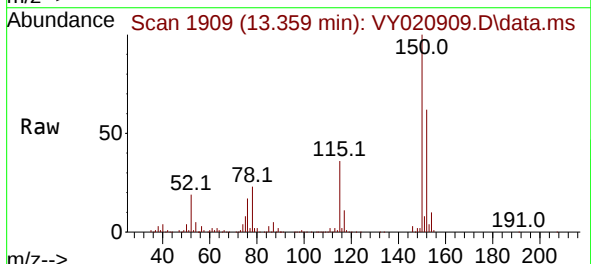
RT: 13.359 min Scan# 1909

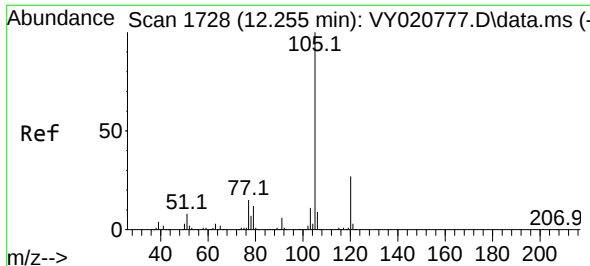
Delta R.T. -0.012 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Tgt Ion:152	Resp:	134302
Ion Ratio	Lower	Upper
152	100	
115	57.7	29.0 87.0
150	165.5	0.0 347.4

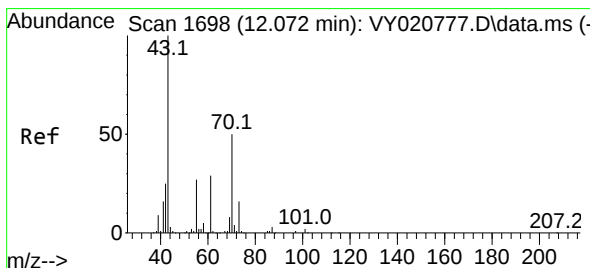
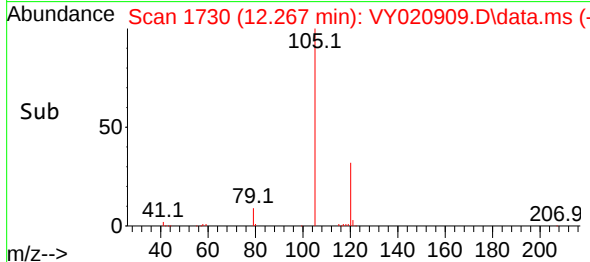
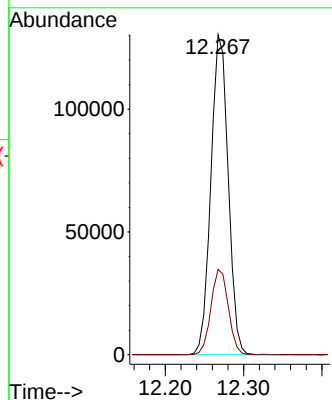
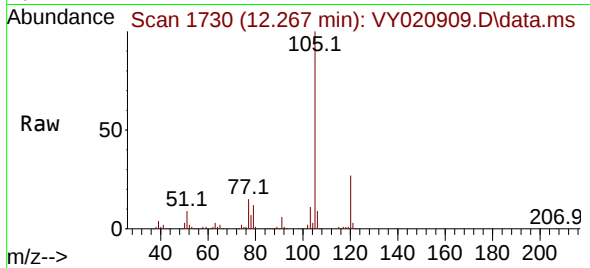




#73
Isopropylbenzene
Concen: 18.737 ug/l
RT: 12.267 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

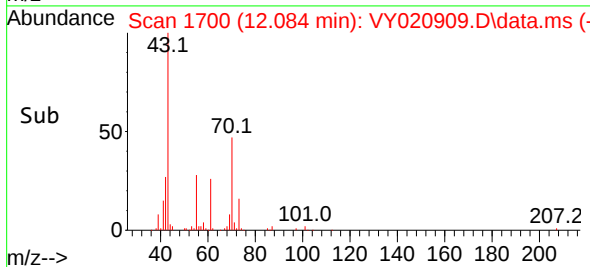
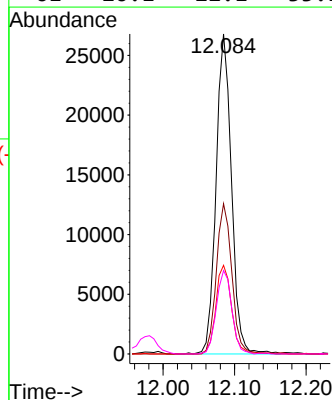
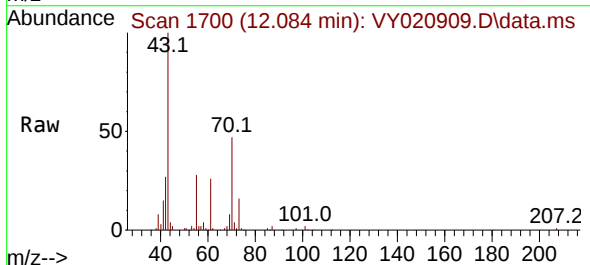
Instrument :
MSVOA_Y
ClientSampleId :

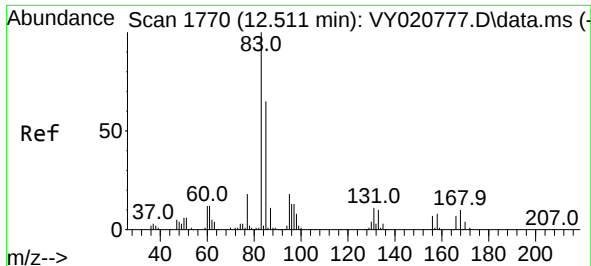
Tgt Ion:105 Resp: 199631
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 23.016 ug/l
RT: 12.084 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 43 Resp: 40113
Ion Ratio Lower Upper
43 100
70 47.1 40.2 60.4
55 28.2 21.2 31.8
61 26.1 22.1 33.1

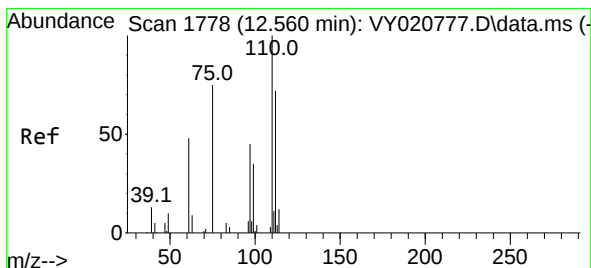
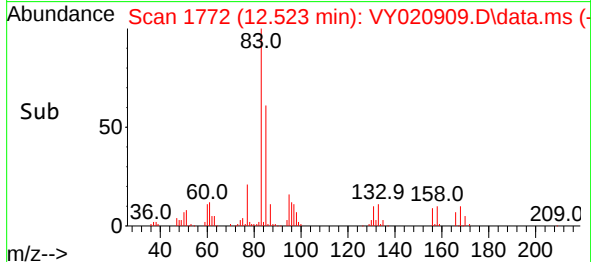
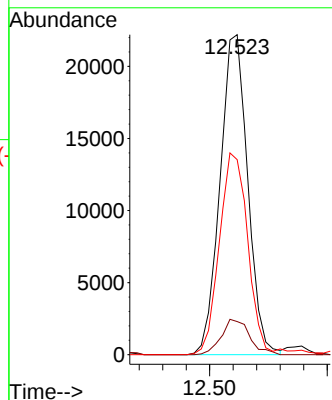
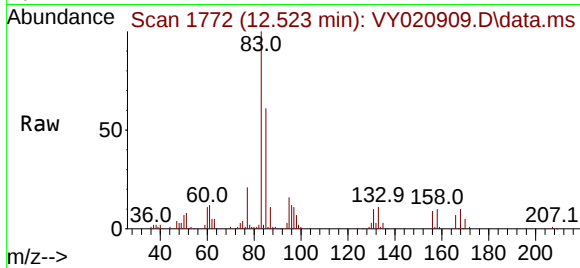




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.470 ug/l
 RT: 12.523 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

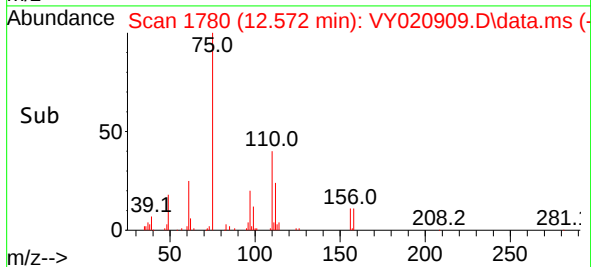
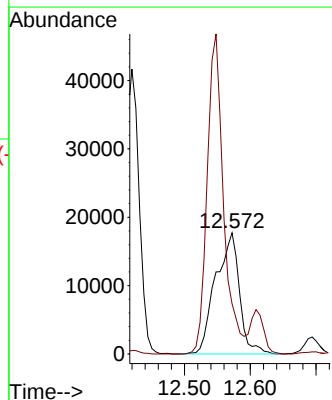
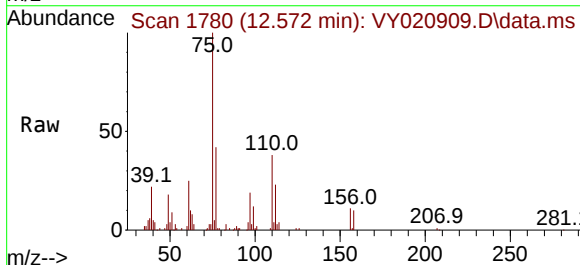
Instrument :
 MSVOA_Y
 ClientSampleId :

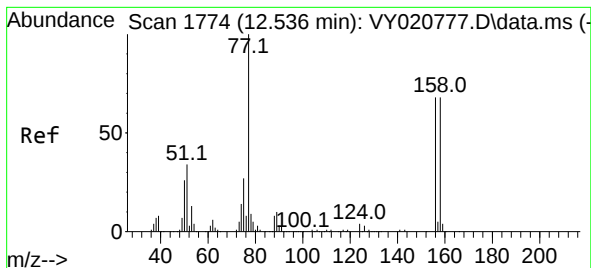
Tgt Ion: 83 Resp: 36286
 Ion Ratio Lower Upper
 83 100
 131 11.3 6.0 18.0
 85 66.0 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 37.980 ug/l
 RT: 12.572 min Scan# 1780
 Delta R.T. -0.006 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

Tgt Ion: 75 Resp: 44631
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.384 ug/l

RT: 12.548 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

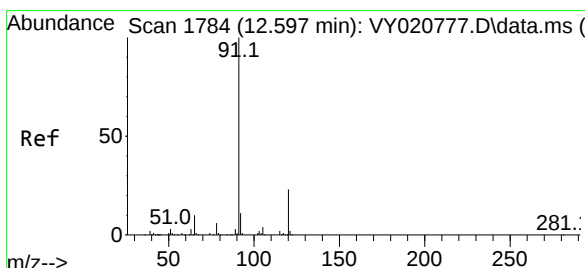
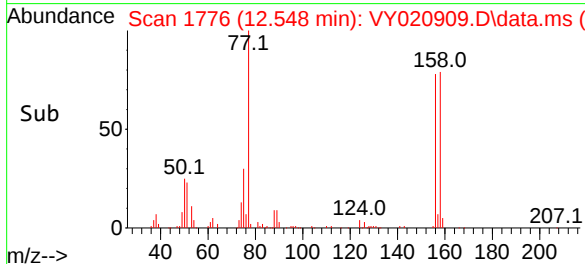
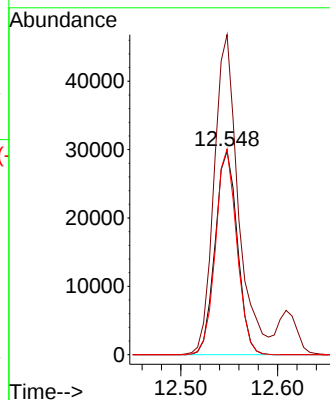
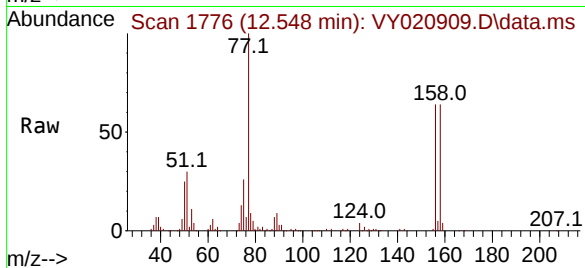
Tgt Ion:156 Resp: 47615

Ion Ratio Lower Upper

156 100

77 170.8 82.3 247.0

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 19.541 ug/l

RT: 12.609 min Scan# 1786

Delta R.T. -0.006 min

Lab File: VY020909.D

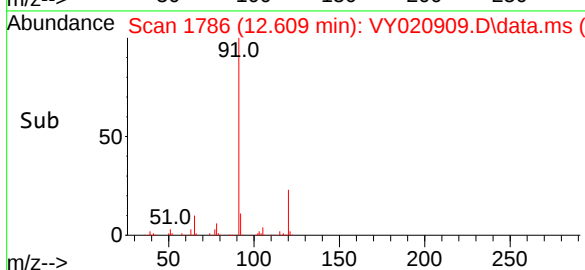
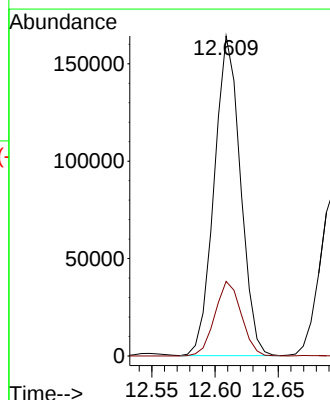
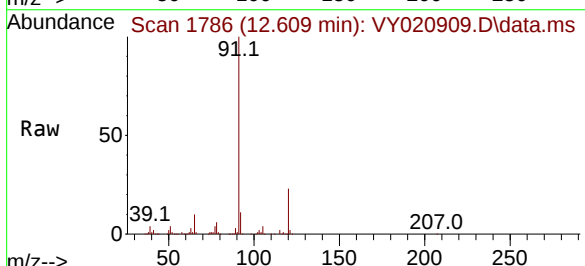
Acq: 23 Jan 2025 11:15

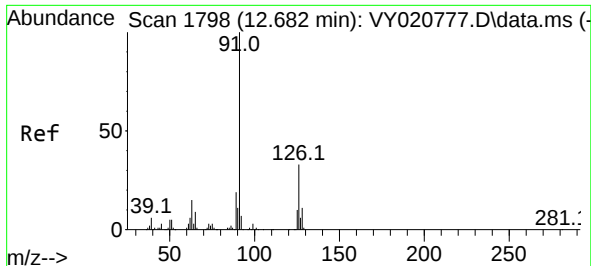
Tgt Ion: 91 Resp: 236314

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.1

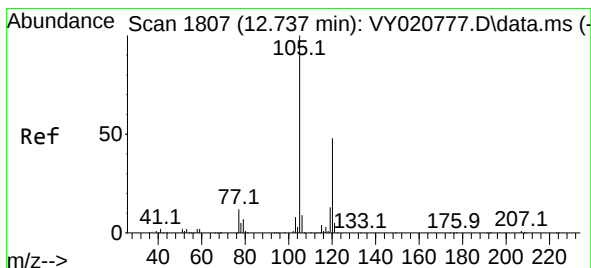
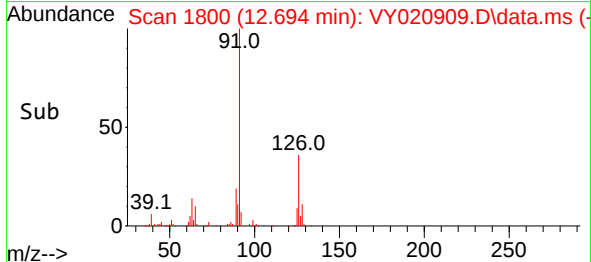
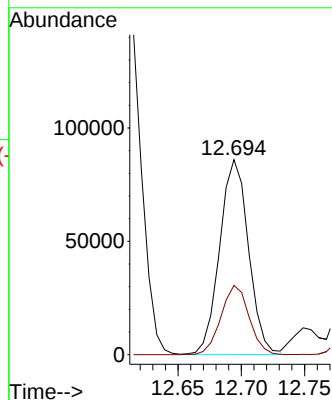
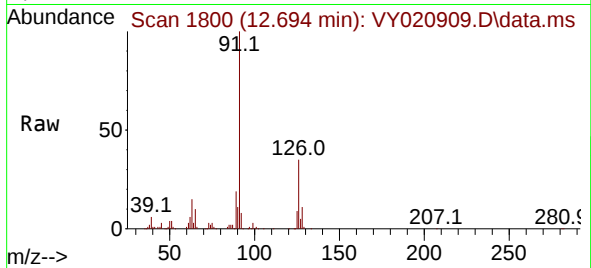




#79
2-Chlorotoluene
Concen: 19.550 ug/l
RT: 12.694 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

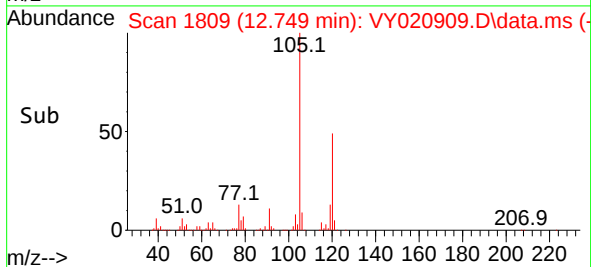
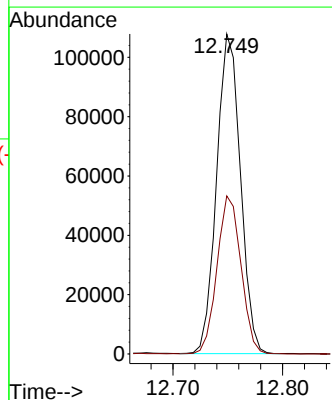
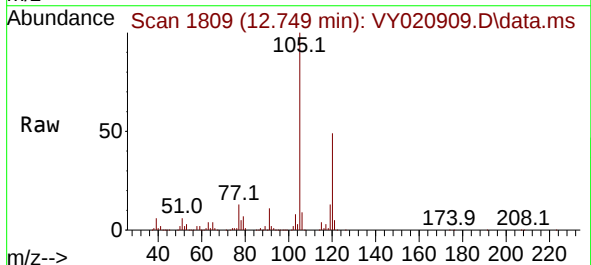
Instrument :
MSVOA_Y
ClientSampleId :

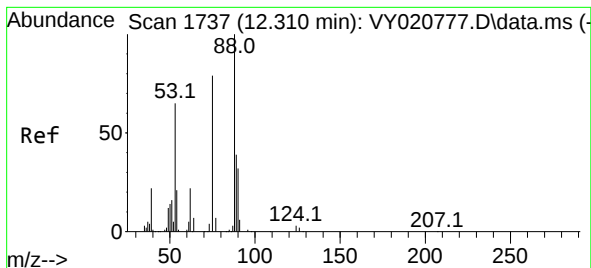
Tgt Ion: 91 Resp: 136150
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 18.836 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion:105 Resp: 162641
Ion Ratio Lower Upper
105 100
120 49.8 24.5 73.5

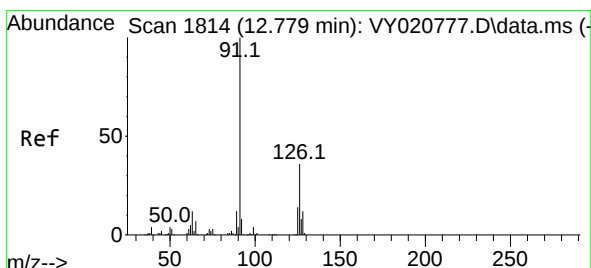
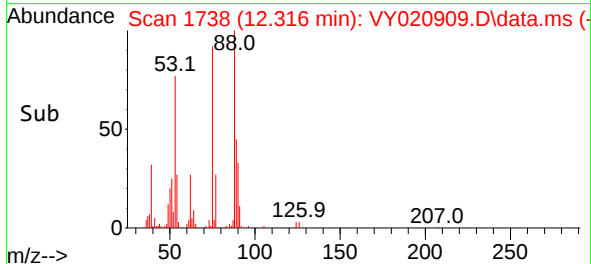
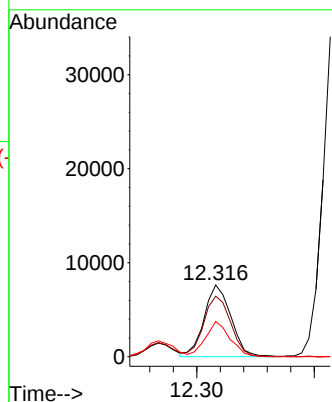
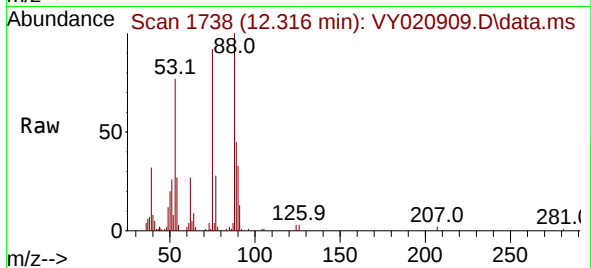




#81
trans-1,4-Dichloro-2-butene
Concen: 21.708 ug/l
RT: 12.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

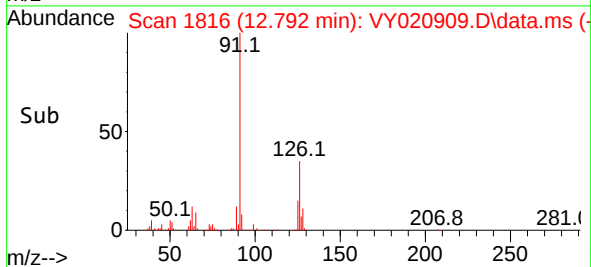
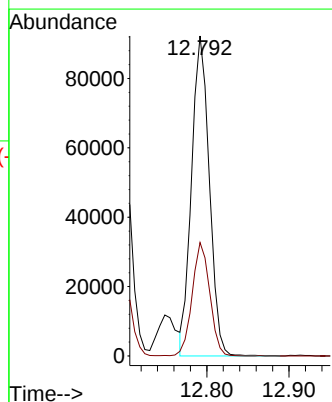
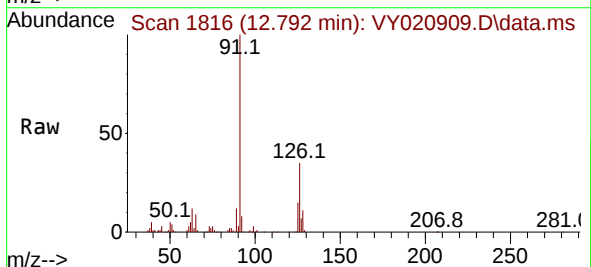
Instrument :
MSVOA_Y
ClientSampleId :

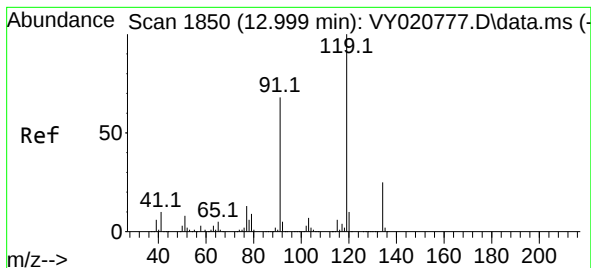
Tgt Ion: 75 Resp: 12098
Ion Ratio Lower Upper
75 100
53 85.6 69.4 104.0
89 44.9 39.6 59.4



#82
4-Chlorotoluene
Concen: 19.261 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VY020909.D
Acq: 23 Jan 2025 11:15

Tgt Ion: 91 Resp: 138430
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7





#83

tert-Butylbenzene

Concen: 18.810 ug/l

RT: 13.011 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

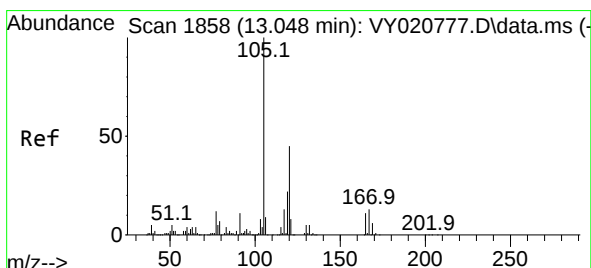
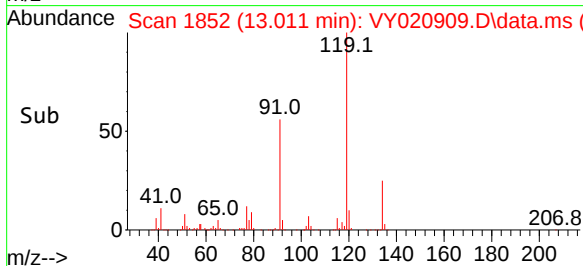
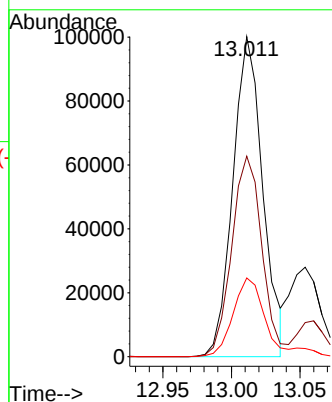
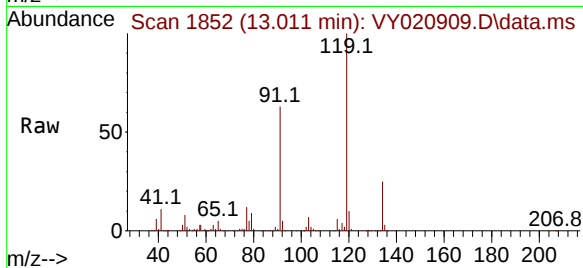
Tgt Ion:119 Resp: 151909

Ion Ratio Lower Upper

119 100

91 63.8 33.0 98.9

134 27.4 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 19.078 ug/l

RT: 13.060 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VY020909.D

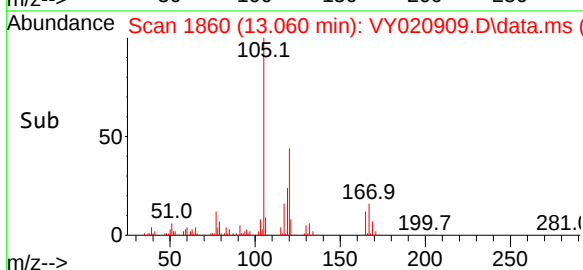
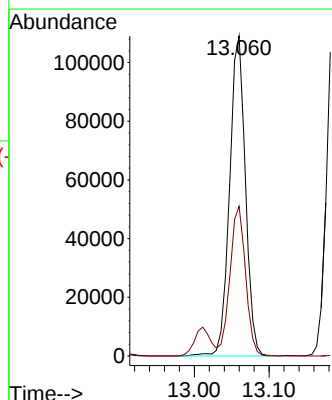
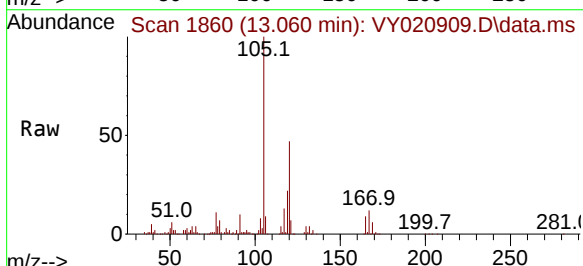
Acq: 23 Jan 2025 11:15

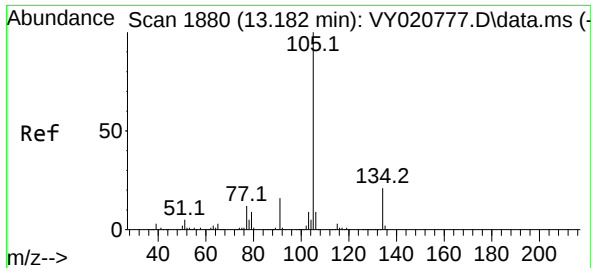
Tgt Ion:105 Resp: 160861

Ion Ratio Lower Upper

105 100

120 46.2 22.4 67.2

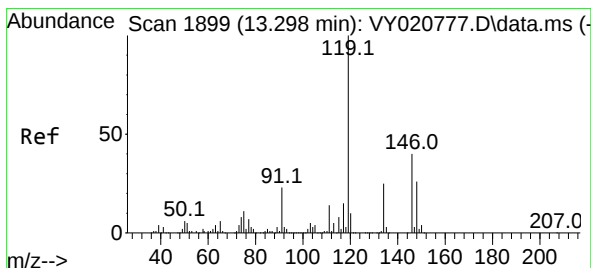
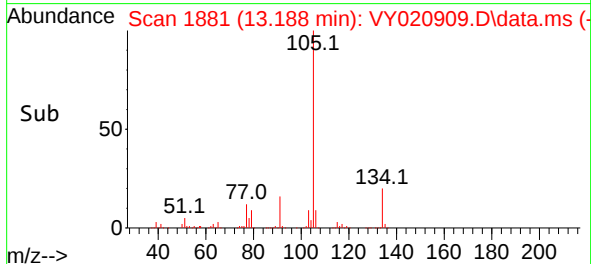
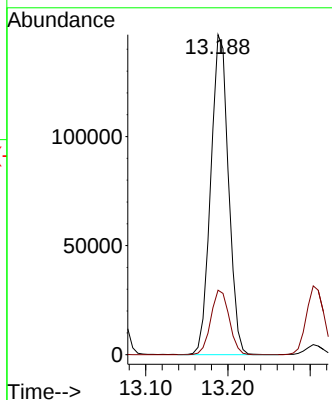
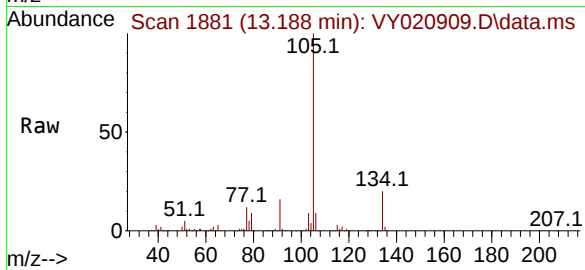




#85
 sec-Butylbenzene
 Concen: 19.494 ug/l
 RT: 13.188 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

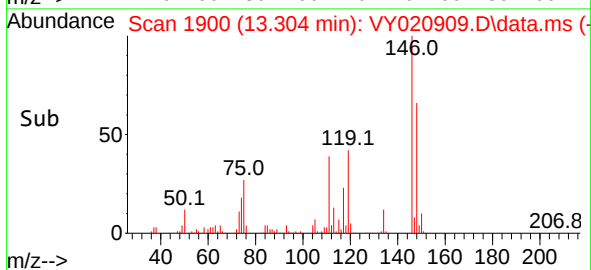
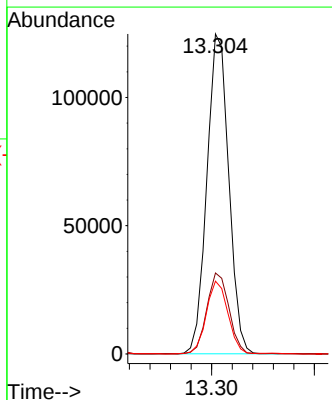
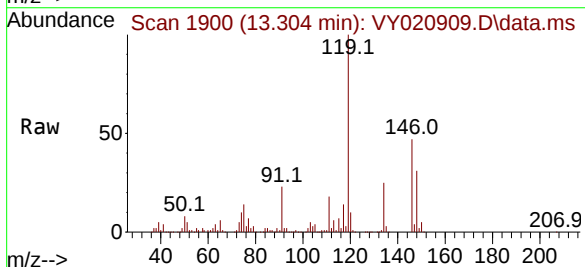
Instrument :
 MSVOA_Y
 ClientSampleId :

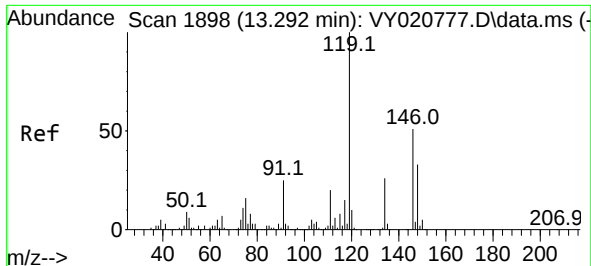
Tgt Ion:105 Resp: 219892
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.150 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. -0.006 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

Tgt Ion:119 Resp: 184276
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 22.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.539 ug/l

RT: 13.304 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

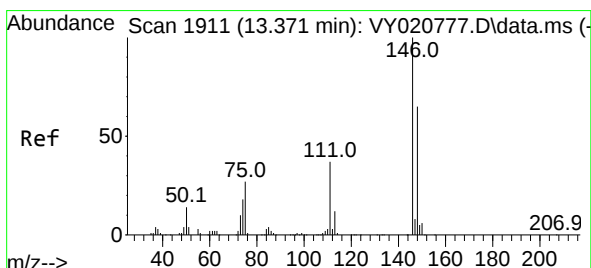
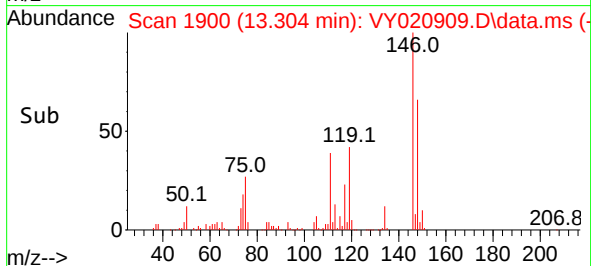
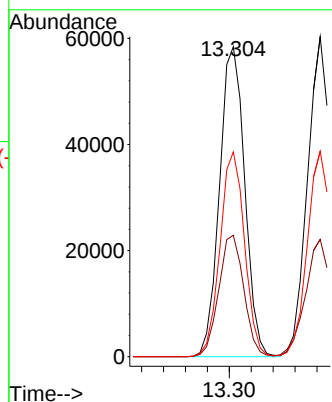
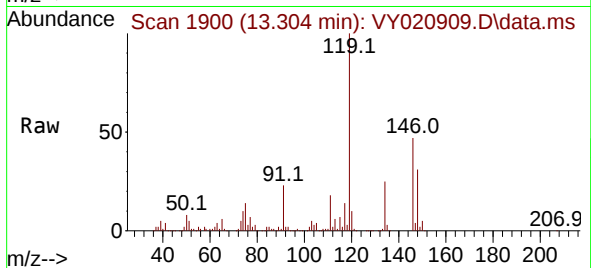
Tgt Ion:146 Resp: 93258

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

148 64.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.444 ug/l

RT: 13.383 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

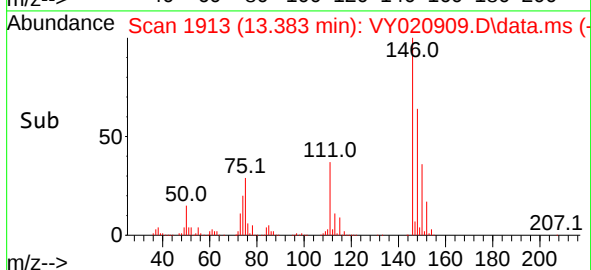
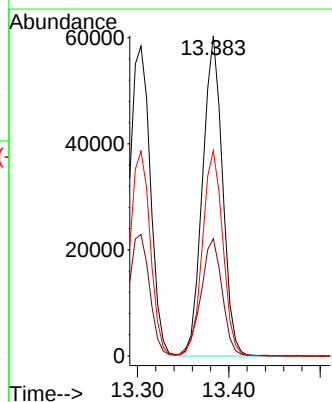
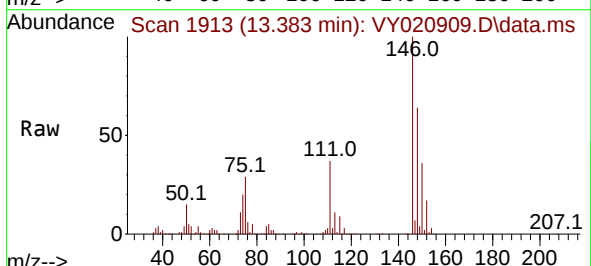
Tgt Ion:146 Resp: 91352

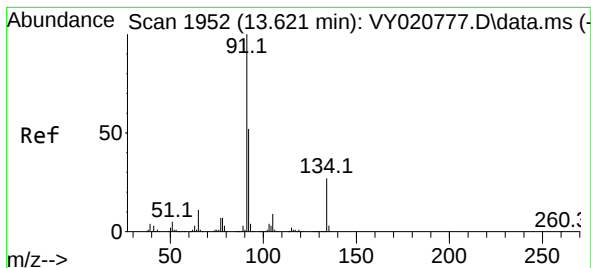
Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

148 65.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.213 ug/l

RT: 13.633 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

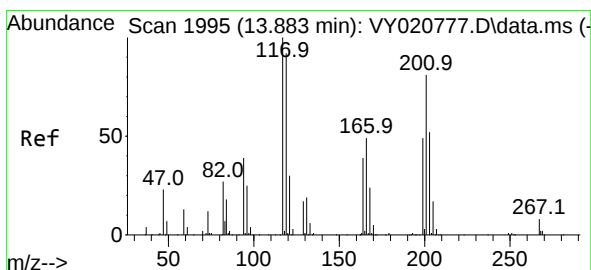
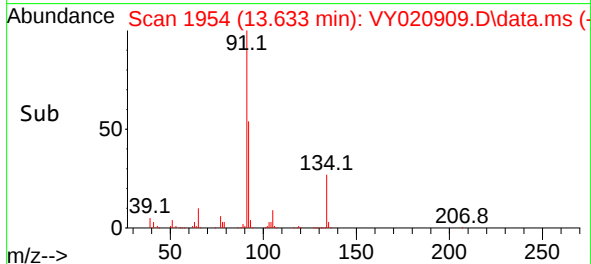
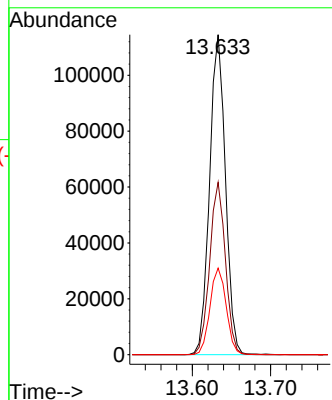
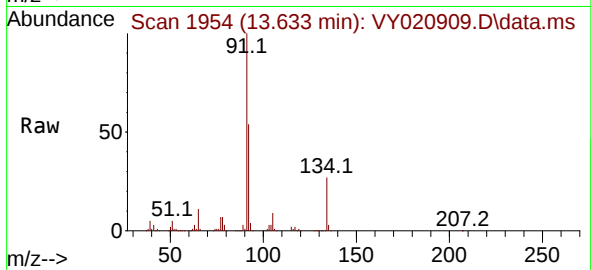
Tgt Ion: 91 Resp: 160393

Ion Ratio Lower Upper

91 100

92 53.6 26.5 79.4

134 27.7 13.8 41.4



#90

Hexachloroethane

Concen: 18.834 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. -0.006 min

Lab File: VY020909.D

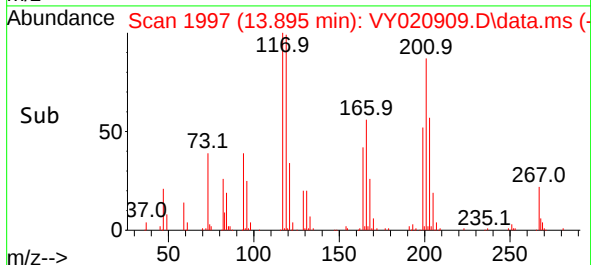
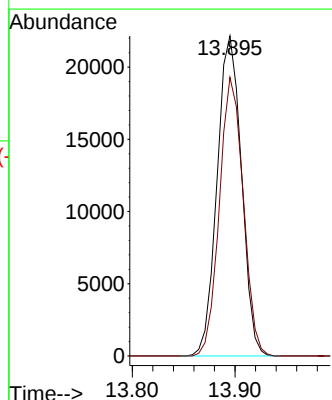
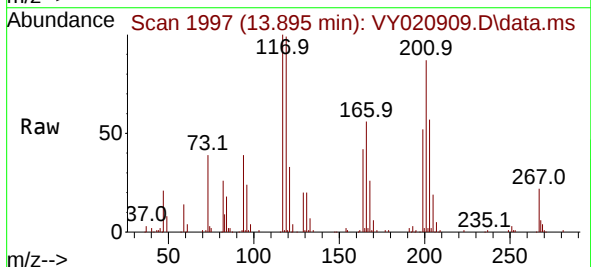
Acq: 23 Jan 2025 11:15

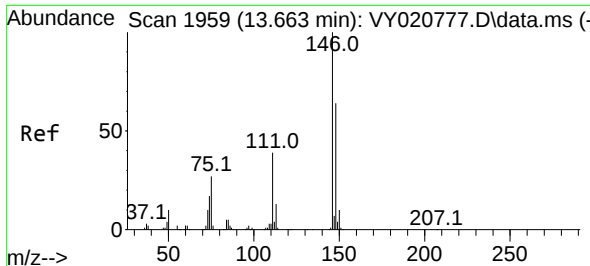
Tgt Ion: 117 Resp: 36391

Ion Ratio Lower Upper

117 100

201 85.1 42.9 128.7

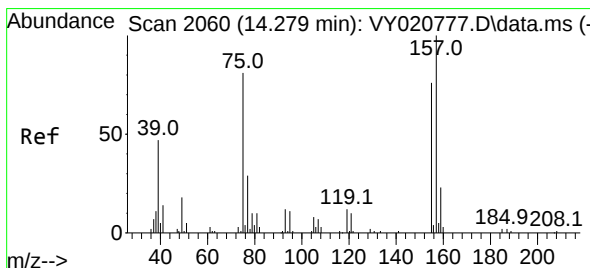
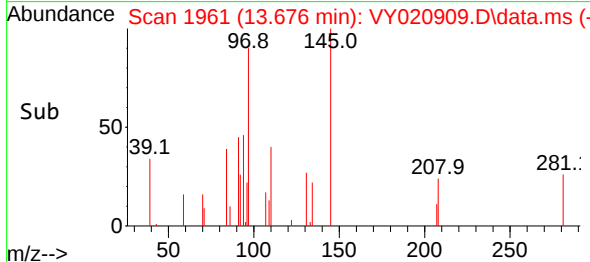
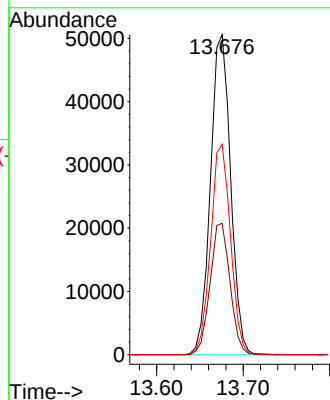
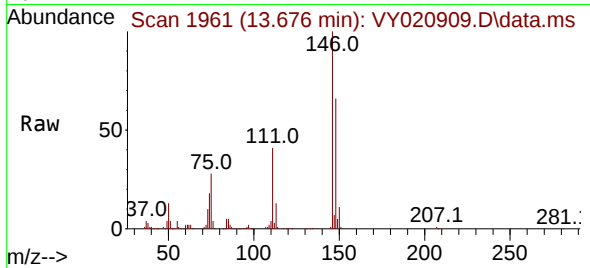




#91
 1,2-Dichlorobenzene
 Concen: 19.594 ug/l
 RT: 13.676 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

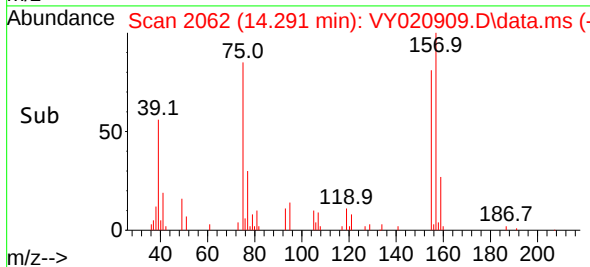
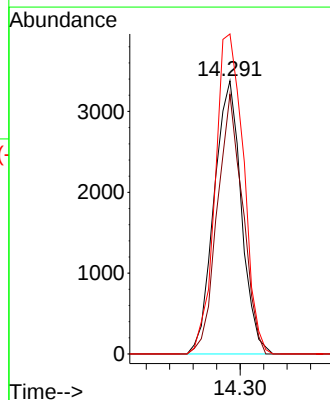
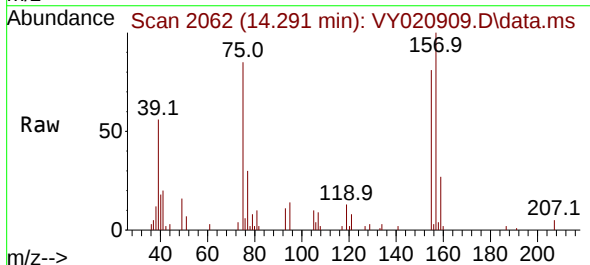
Instrument :
 MSVOA_Y
 ClientSampleId :

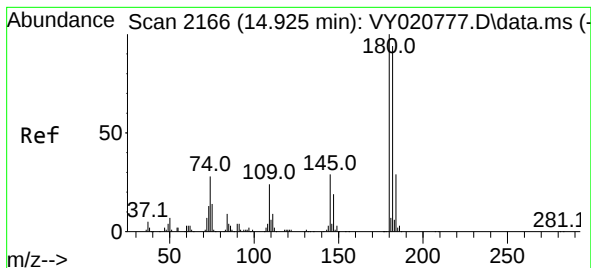
Tgt Ion:146 Resp: 81772
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.0 60.0
 148 64.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.861 ug/l
 RT: 14.291 min Scan# 2062
 Delta R.T. -0.006 min
 Lab File: VY020909.D
 Acq: 23 Jan 2025 11:15

Tgt Ion: 75 Resp: 5447
 Ion Ratio Lower Upper
 75 100
 155 88.5 45.5 136.5
 157 121.7 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 19.523 ug/l

RT: 14.938 min Scan# 2168

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

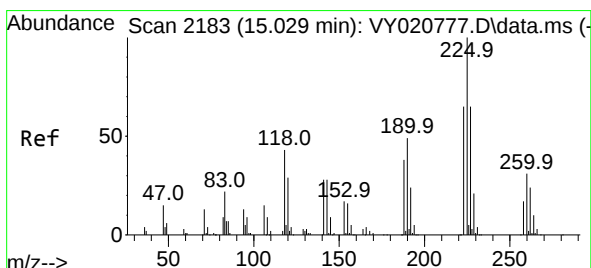
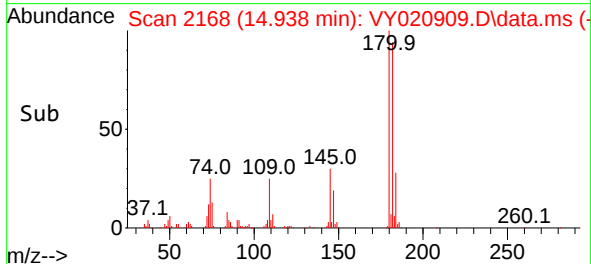
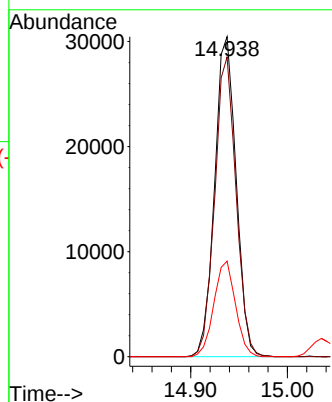
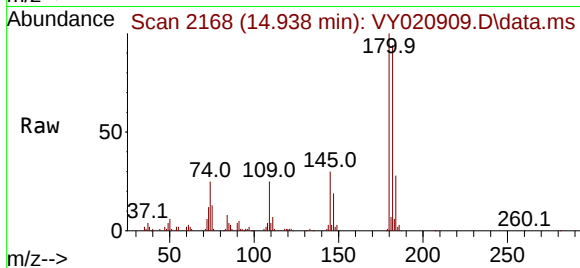
Tgt Ion:180 Resp: 46889

Ion Ratio Lower Upper

180 100

182 93.0 47.6 142.9

145 30.1 15.0 45.1



#94

Hexachlorobutadiene

Concen: 18.822 ug/l

RT: 15.041 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

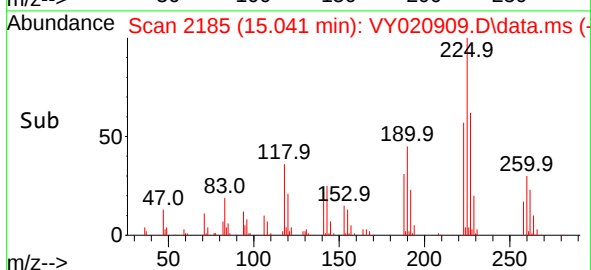
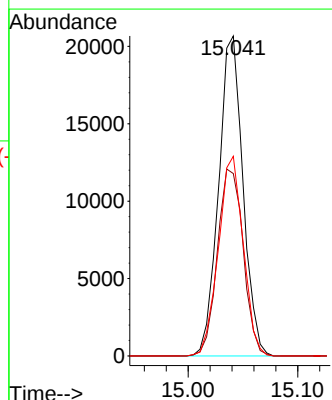
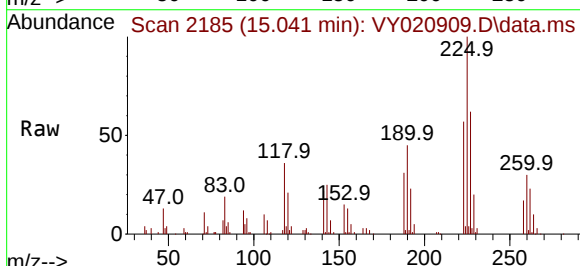
Tgt Ion:225 Resp: 31868

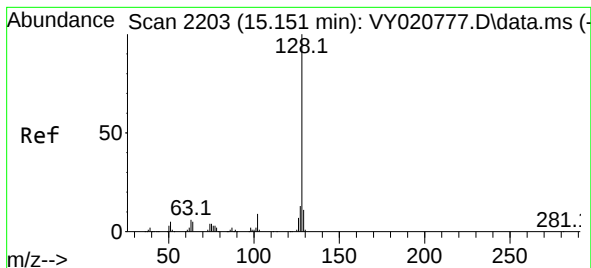
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.8

227 63.7 32.2 96.6





#95

Naphthalene

Concen: 19.694 ug/l

RT: 15.163 min Scan# 2205

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

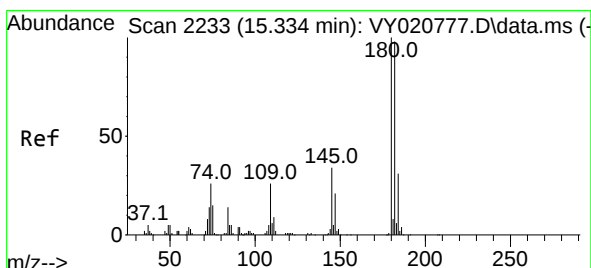
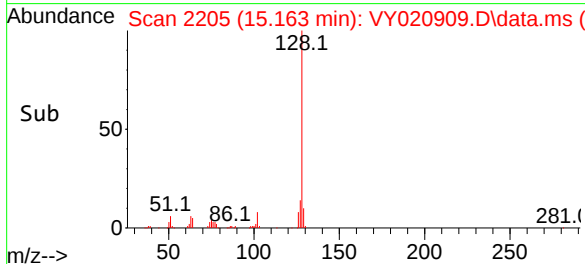
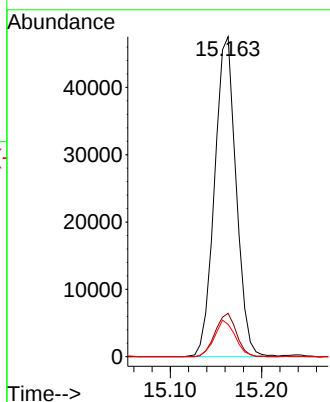
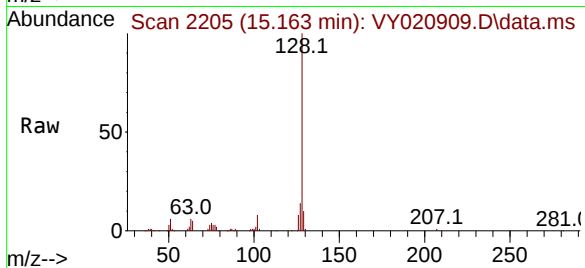
Tgt Ion:128 Resp: 77846

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.584 ug/l

RT: 15.346 min Scan# 2235

Delta R.T. -0.006 min

Lab File: VY020909.D

Acq: 23 Jan 2025 11:15

Tgt Ion:180 Resp: 39406

Ion Ratio Lower Upper

180 100

182 96.6 48.1 144.3

145 32.1 16.1 48.2

