

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022425\
 Data File : VY021303.D
 Acq On : 24 Feb 2025 16:14
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 25 01:23:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022425S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 25 01:17:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	140127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	217068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	192639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98657	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83920	56.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.660%	
35) Dibromofluoromethane	7.634	113	76696	55.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.560%	
50) Toluene-d8	10.103	98	290126	57.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.180%	
62) 4-Bromofluorobenzene	12.408	95	97297	55.437	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	50615	53.589	ug/l	100
3) Chloromethane	2.068	50	74556	47.914	ug/l	100
4) Vinyl Chloride	2.202	62	81297	65.570	ug/l	100
5) Bromomethane	2.592	94	52033	61.537	ug/l	100
6) Chloroethane	2.732	64	52617	62.220	ug/l	100
7) Trichlorofluoromethane	3.056	101	120711	58.474	ug/l	100
8) Diethyl Ether	3.452	74	36865	57.766	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	68095	54.826	ug/l	100
10) Methyl Iodide	4.007	142	80645	69.004	ug/l	100
11) Tert butyl alcohol	4.866	59	26716	213.448	ug/l	100
12) 1,1-Dichloroethene	3.787	96	66092	62.777	ug/l	100
13) Acrolein	3.653	56	17363	229.725	ug/l	100
14) Allyl chloride	4.378	41	118094	60.641	ug/l	100
15) Acrylonitrile	5.061	53	83297	273.330	ug/l	100
16) Acetone	3.866	43	73009	261.812	ug/l	100
17) Carbon Disulfide	4.104	76	203233	82.543	ug/l	100
18) Methyl Acetate	4.385	43	48104	57.302	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	185366	55.548	ug/l	100
20) Methylene Chloride	4.616	84	75429	55.400	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	74157	64.337	ug/l	100
22) Diisopropyl ether	6.018	45	260810	56.732	ug/l	100
23) Vinyl Acetate	5.957	43	741901	289.346	ug/l	100
24) 1,1-Dichloroethane	5.915	63	141258	56.280	ug/l	100
25) 2-Butanone	6.896	43	113652	265.711	ug/l	100
26) 2,2-Dichloropropane	6.884	77	127336	54.323	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	88261	58.644	ug/l	100
28) Bromochloromethane	7.244	49	61143	53.913	ug/l	100
29) Tetrahydrofuran	7.262	42	76049	285.271	ug/l	100
30) Chloroform	7.421	83	145784	55.133	ug/l	100
31) Cyclohexane	7.701	56	118701	61.321	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	132968	56.338	ug/l	100
36) 1,1-Dichloropropene	7.835	75	104308	62.173	ug/l	100
37) Ethyl Acetate	6.982	43	52301	55.483	ug/l	100
38) Carbon Tetrachloride	7.817	117	120668	58.157	ug/l	100
39) Methylcyclohexane	9.109	83	127797	65.822	ug/l	100
40) Benzene	8.079	78	316045	60.634	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	28233	56.267	ug/l	100
42) 1,2-Dichloroethane	8.158	62	91111	57.239	ug/l	100
43) Isopropyl Acetate	8.195	43	105076	55.351	ug/l	100
44) Trichloroethene	8.865	130	78428	60.174	ug/l	100
45) 1,2-Dichloropropane	9.140	63	76878	56.578	ug/l	100
46) Dibromomethane	9.231	93	42856	57.651	ug/l	100
47) Bromodichloromethane	9.420	83	114855	55.555	ug/l	100
48) Methyl methacrylate	9.219	41	49865	57.804	ug/l	100
49) 1,4-Dioxane	9.231	88	9343	1104.373	ug/l	100
51) 4-Methyl-2-Pentanone	9.993	43	275695	273.211	ug/l	100
52) Toluene	10.170	92	200500	60.306	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	106386	57.230	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	122010	57.813	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	55673	53.902	ug/l	100
56) Ethyl methacrylate	10.438	69	79409	58.859	ug/l	100
57) 1,3-Dichloropropane	10.713	76	97997	56.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	189359	280.105	ug/l	100
59) 2-Hexanone	10.761	43	187814	283.940	ug/l	100
60) Dibromochloromethane	10.908	129	76233	54.088	ug/l	100
61) 1,2-Dibromoethane	11.011	107	52793	57.367	ug/l	100
64) Tetrachloroethene	10.646	164	71283	59.428	ug/l	100
65) Chlorobenzene	11.438	112	217985	57.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	76884	53.751	ug/l	100
67) Ethyl Benzene	11.517	91	390950	58.382	ug/l	100
68) m/p-Xylenes	11.627	106	293978	118.387	ug/l	100
69) o-Xylene	11.956	106	137907	57.734	ug/l	100
70) Styrene	11.969	104	236076	58.270	ug/l	100
71) Bromoform	12.133	173	44118	52.900	ug/l #	100
73) Isopropylbenzene	12.255	105	370013	55.523	ug/l	100
74) N-amyl acetate	12.072	43	97828	55.559	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	64644	51.505	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	86340	94.517	ug/l #	100
77) Bromobenzene	12.529	156	85857	54.313	ug/l	100
78) n-propylbenzene	12.596	91	454288	56.115	ug/l	100
79) 2-Chlorotoluene	12.682	91	254559	54.660	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	307333	56.061	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	22092	52.602	ug/l	100
82) 4-Chlorotoluene	12.779	91	264590	54.626	ug/l	100
83) tert-Butylbenzene	12.999	119	277438	54.392	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	310708	56.247	ug/l	100
85) sec-Butylbenzene	13.176	105	402145	54.689	ug/l	100
86) p-Isopropyltoluene	13.291	119	338708	55.044	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	172230	53.506	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	169166	53.282	ug/l	100
89) n-Butylbenzene	13.615	91	323424	55.124	ug/l	100
90) Hexachloroethane	13.883	117	69390	52.595	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	150994	53.183	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10132	49.259	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	94025	55.334	ug/l	100
94) Hexachlorobutadiene	15.023	225	58223	52.437	ug/l	100
95) Naphthalene	15.145	128	162250	57.588	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	81694	55.998	ug/l	100

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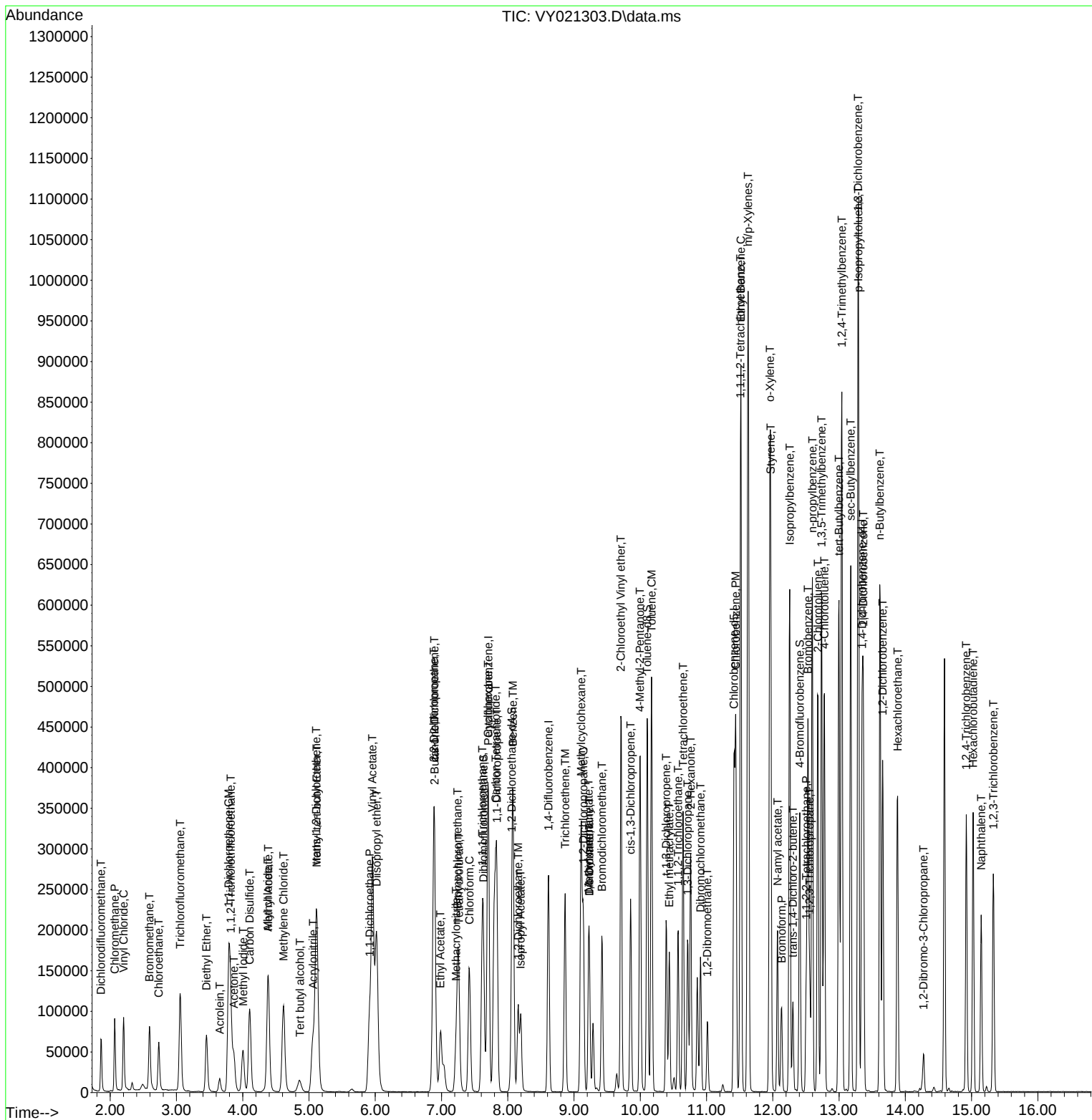
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MSVOA_Y
ClientSampleId :

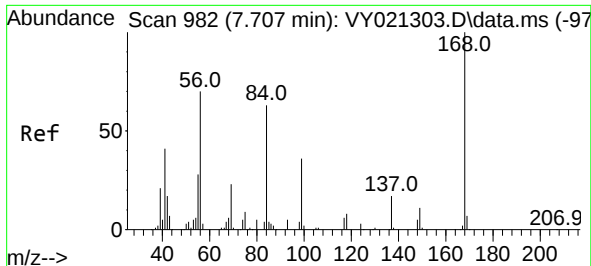
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QLast Update : Tue Feb 25 01:17:25 2025
Response via : Initial Calibration

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

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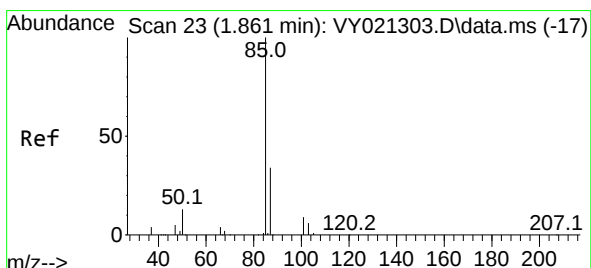
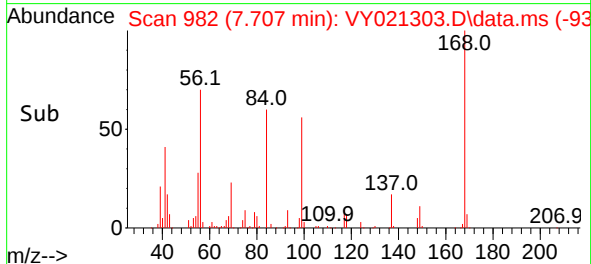
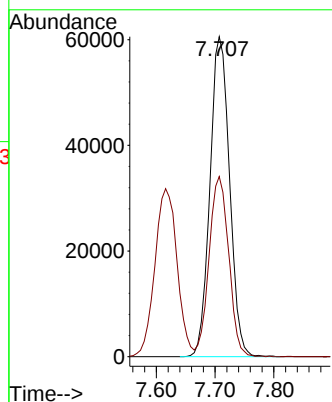
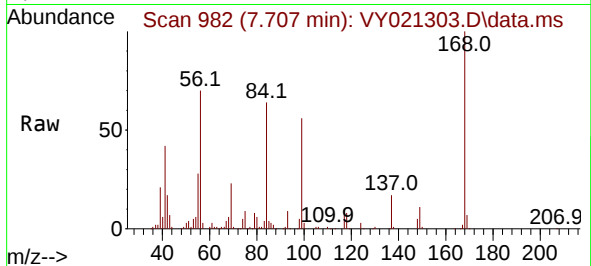




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021303.D
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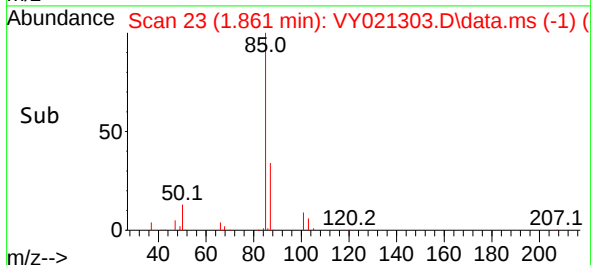
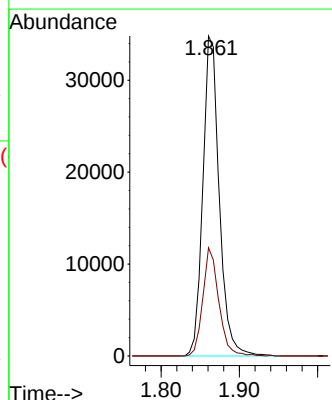
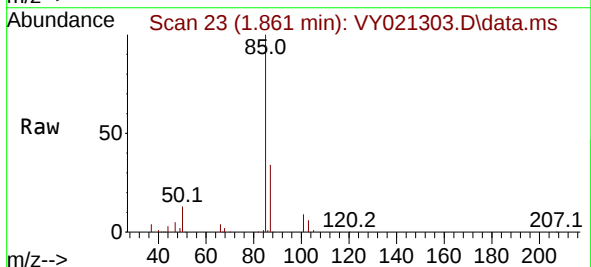
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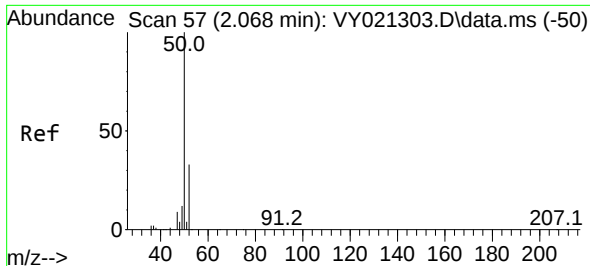
Tgt Ion:168 Resp: 140127
Ion Ratio Lower Upper
168 100
99 56.3 45.0 67.6



#2
Dichlorodifluoromethane
Concen: 53.589 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 85 Resp: 50615
Ion Ratio Lower Upper
85 100
87 33.8 16.9 50.7

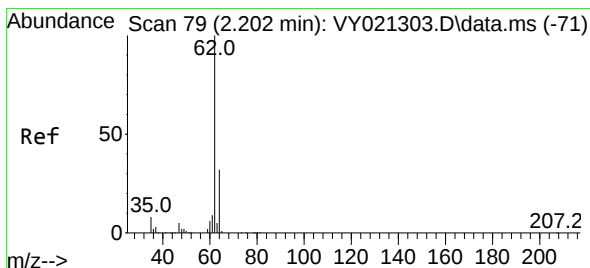
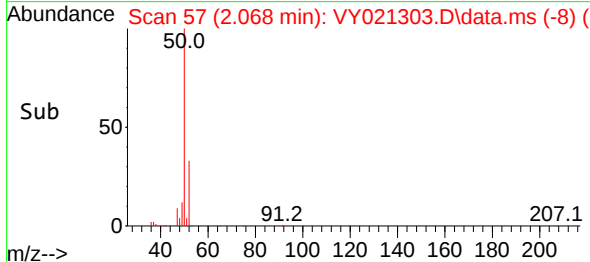
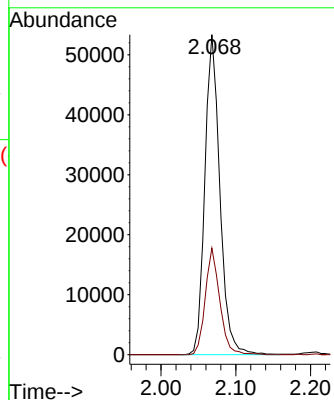
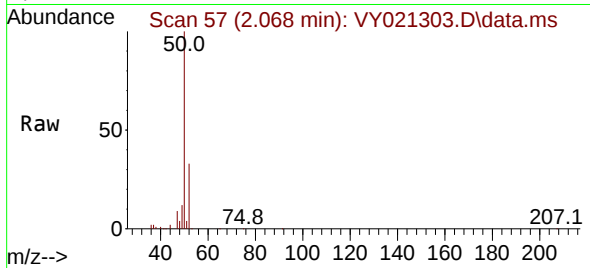




#3
Chloromethane
Concen: 47.914 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

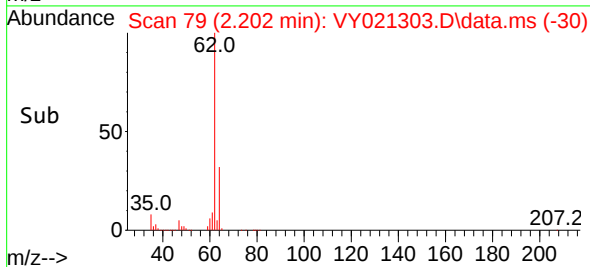
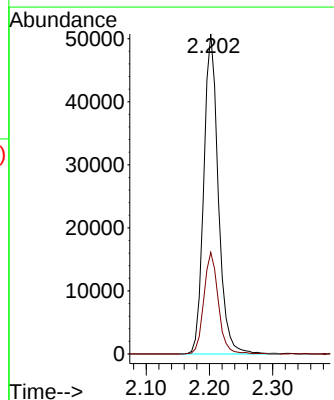
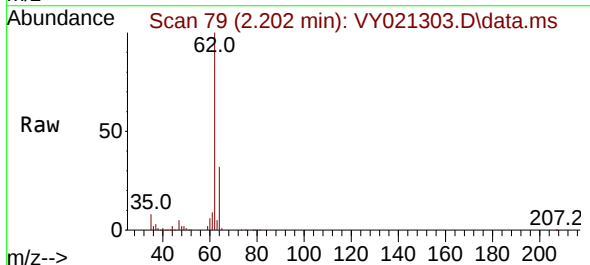
Instrument :
MSVOA_Y
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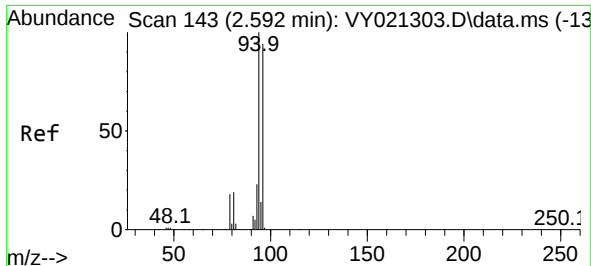
Tgt Ion: 50 Resp: 74556
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 65.570 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 62 Resp: 81297
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

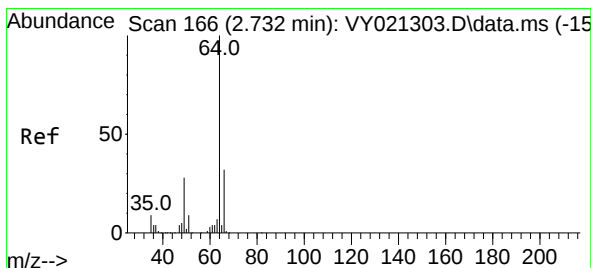
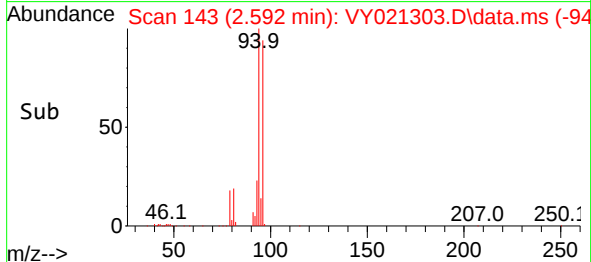
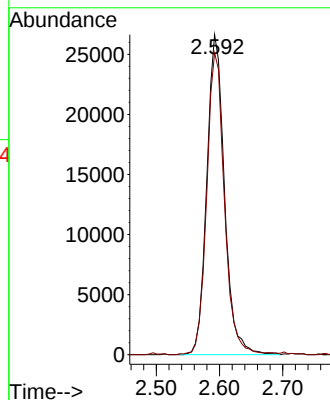
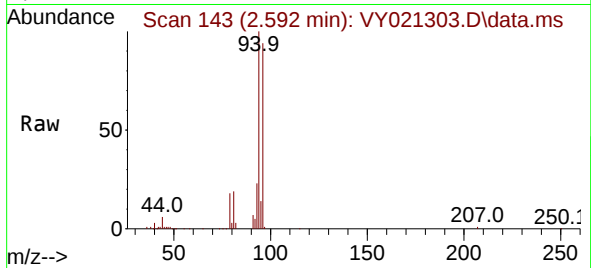




#5
Bromomethane
Concen: 61.537 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

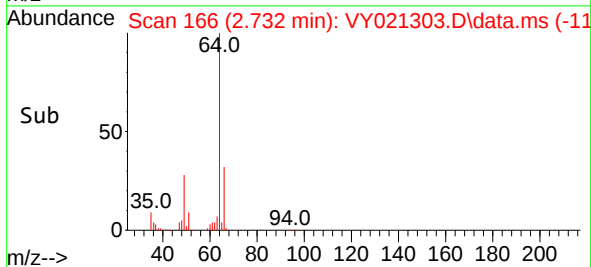
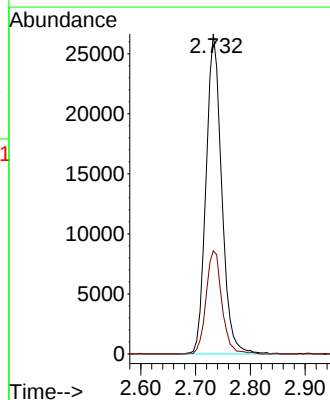
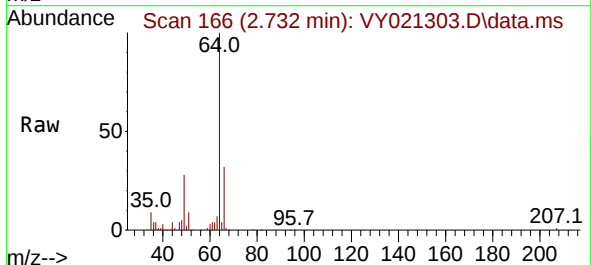
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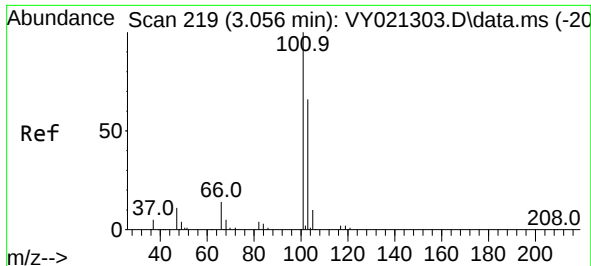
Tgt Ion: 94 Resp: 52033
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8



#6
Chloroethane
Concen: 62.220 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 64 Resp: 52617
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

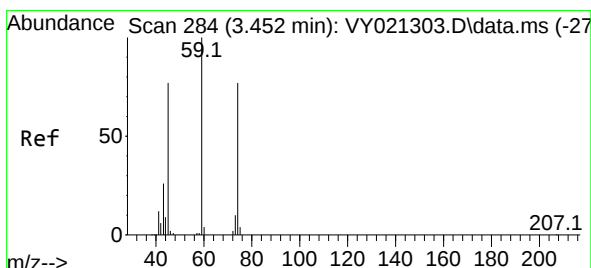
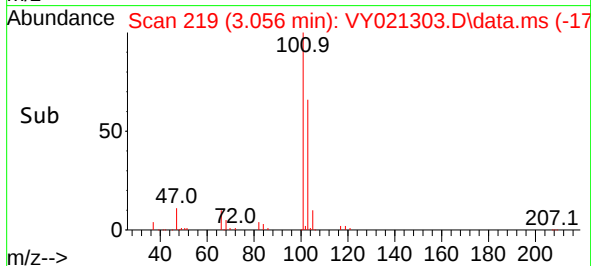
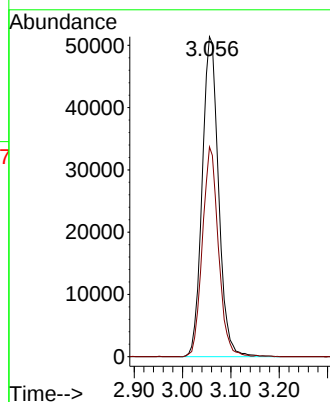
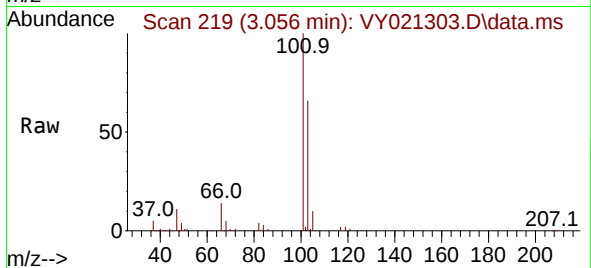




#7
 Trichlorofluoromethane
 Concen: 58.474 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

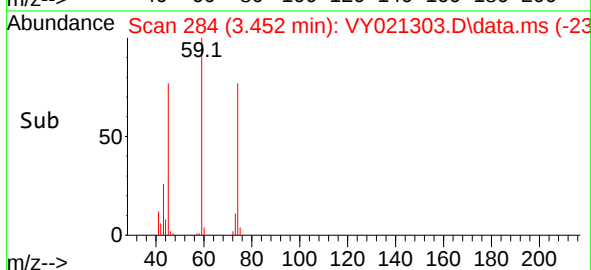
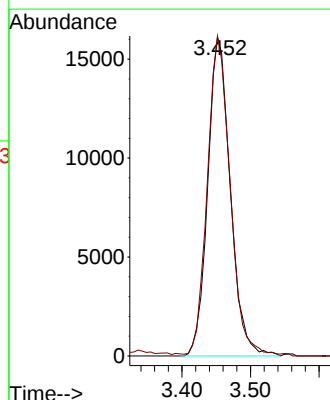
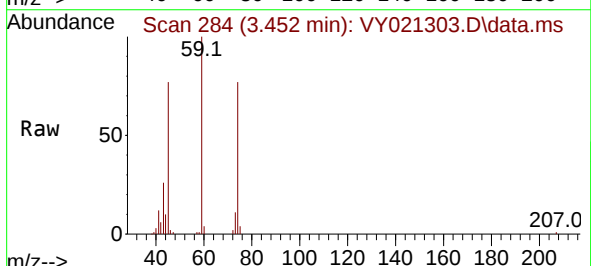
Instrument :
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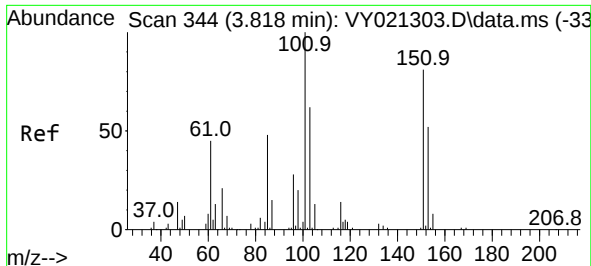
Tgt Ion:101 Resp: 120711
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7



#8
 Diethyl Ether
 Concen: 57.766 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 36865
 Ion Ratio Lower Upper
 74 100
 45 101.9 50.9 152.8

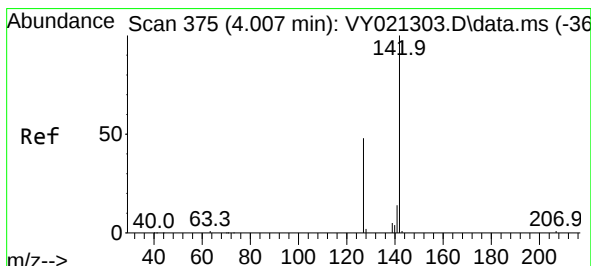
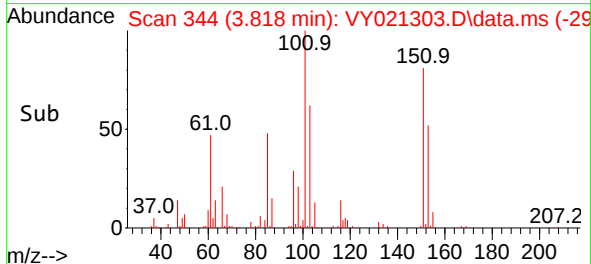
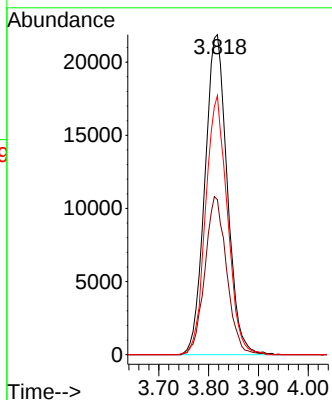
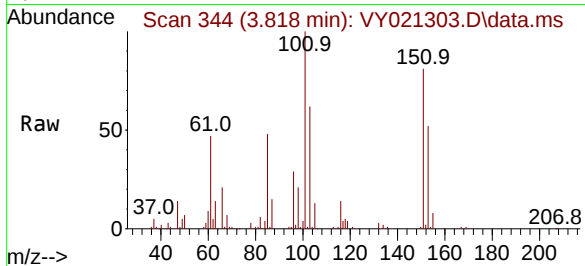




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.826 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

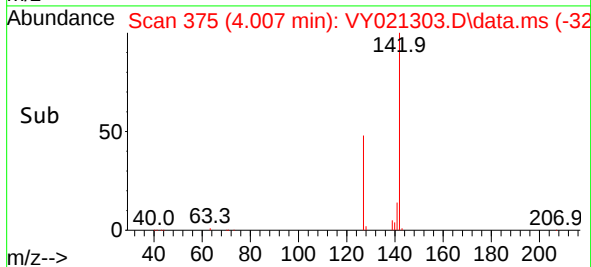
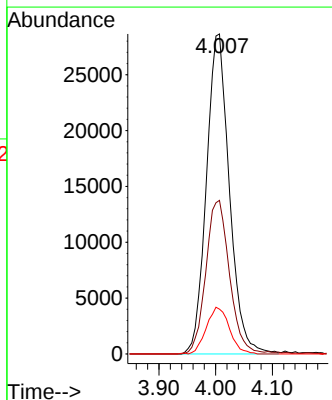
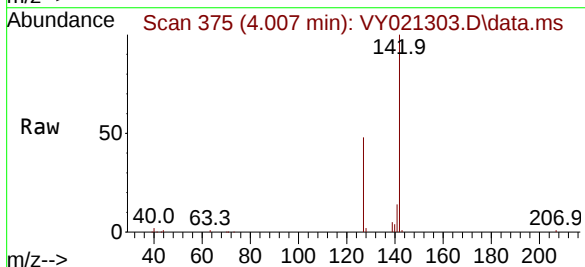
Instrument :
MSVOA_Y
ClientSampleId :

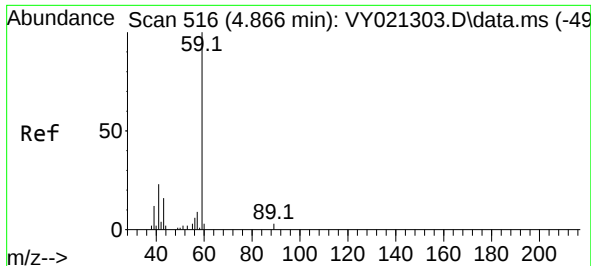
Tgt Ion:101 Resp: 68095
Ion Ratio Lower Upper
101 100
85 48.2 38.6 57.8
151 78.8 63.0 94.6



#10
Methyl Iodide
Concen: 69.004 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion:142 Resp: 80645
Ion Ratio Lower Upper
142 100
127 49.9 39.9 59.9
141 14.7 11.8 17.6

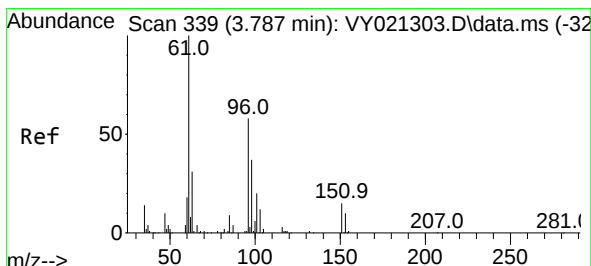
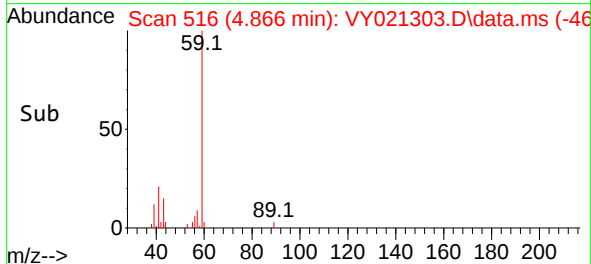
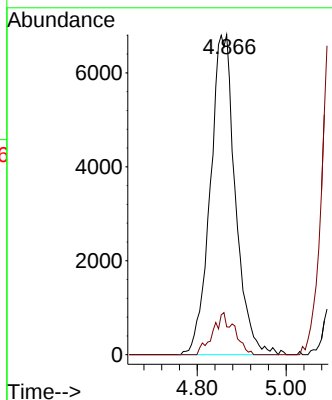
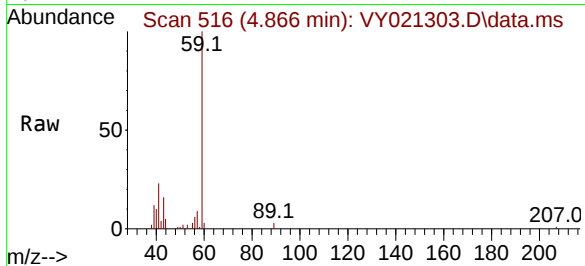




#11
Tert butyl alcohol
Concen: 213.448 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

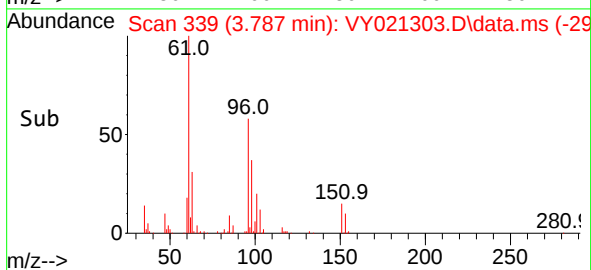
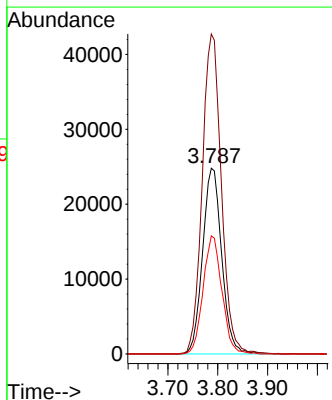
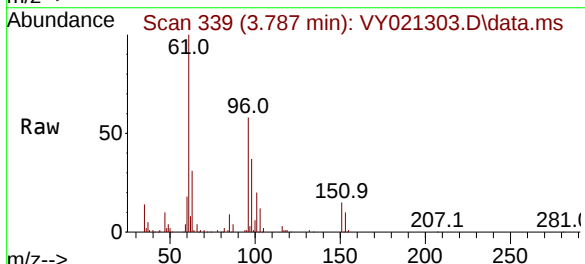
Instrument :
MSVOA_Y
ClientSampleId :

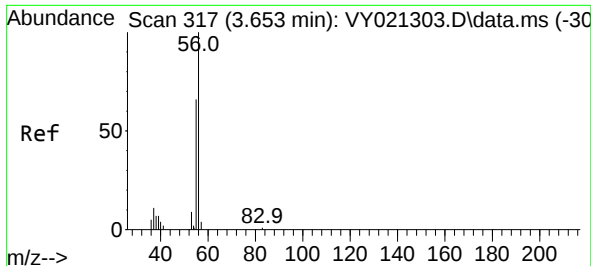
Tgt Ion: 59 Resp: 26716
Ion Ratio Lower Upper
59 100
57 11.2 9.0 13.4



#12
1,1-Dichloroethene
Concen: 62.777 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 96 Resp: 66092
Ion Ratio Lower Upper
96 100
61 172.2 137.8 206.6
98 63.5 50.8 76.2





#13

Acrolein

Concen: 229.725 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

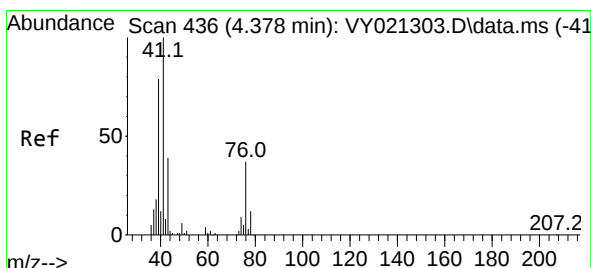
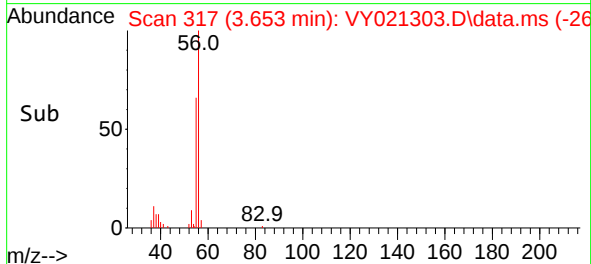
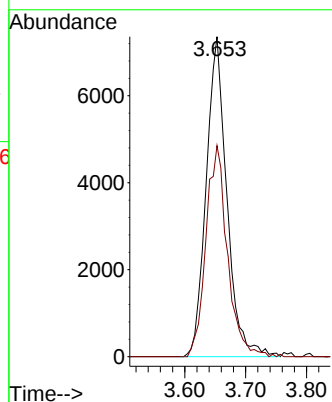
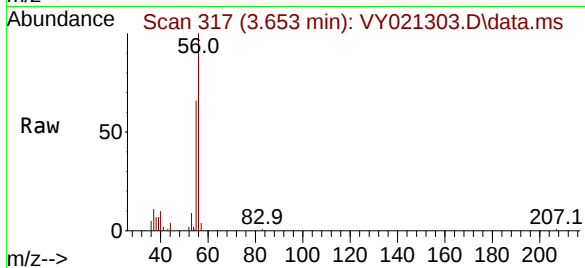
ClientSampleId :

Tgt Ion: 56 Resp: 17363

Ion Ratio Lower Upper

56 100

55 68.5 54.8 82.2



#14

Allyl chloride

Concen: 60.641 ug/l

RT: 4.378 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

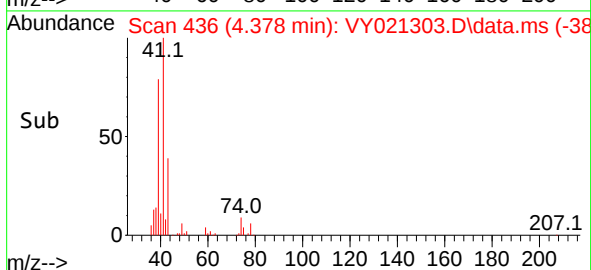
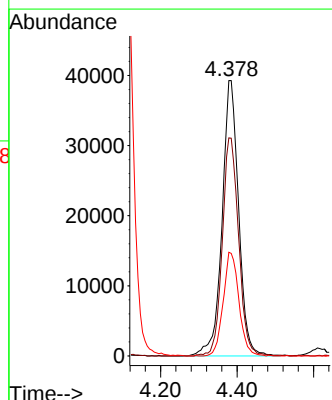
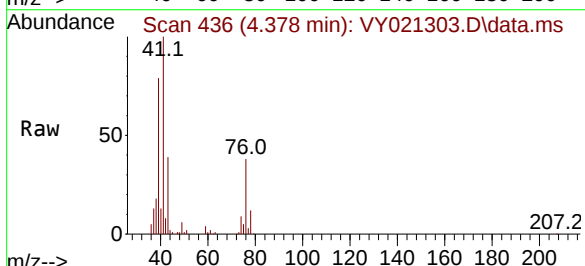
Tgt Ion: 41 Resp: 118094

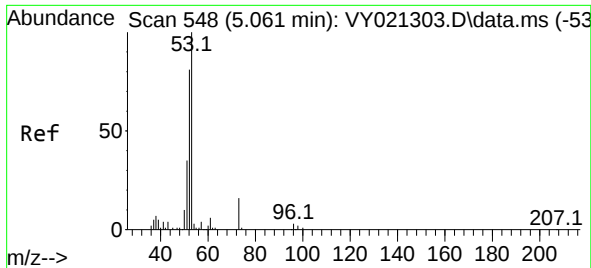
Ion Ratio Lower Upper

41 100

39 78.1 62.5 93.7

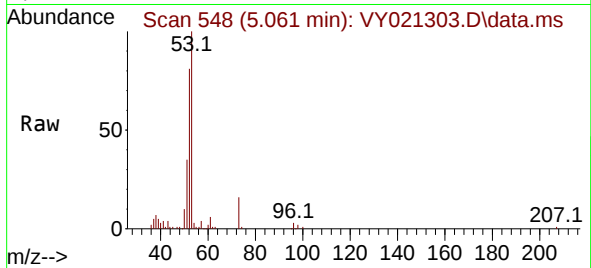
76 35.7 28.6 42.8



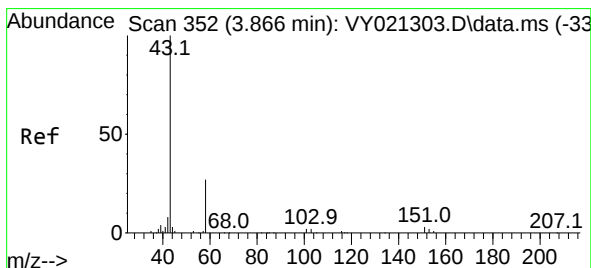
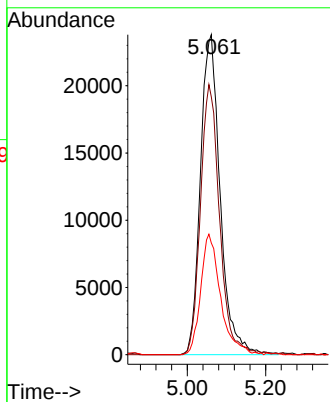
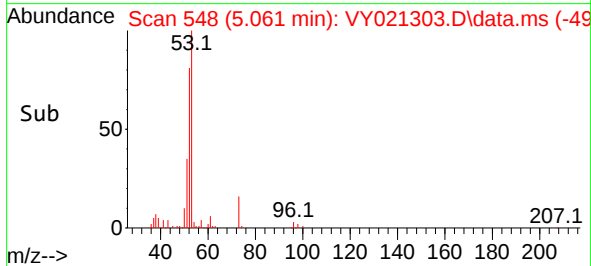


#15
Acrylonitrile
Concen: 273.330 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :

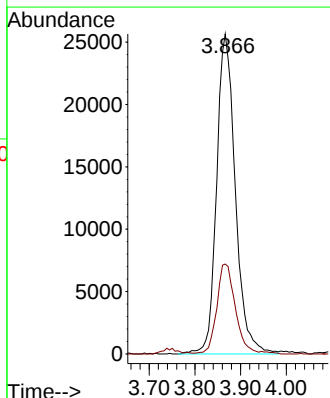
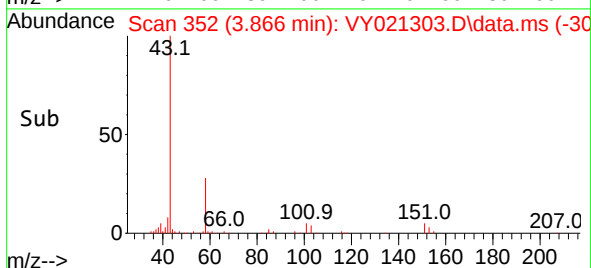
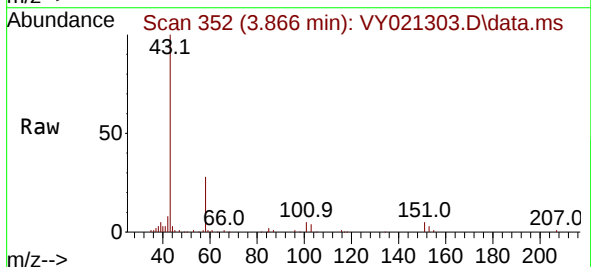


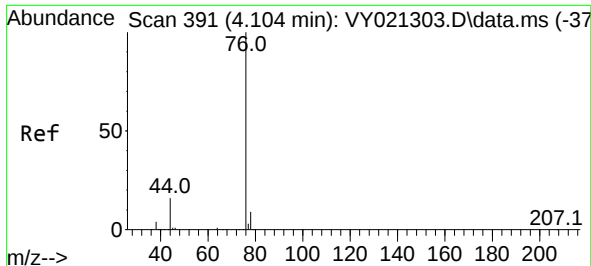
Tgt Ion: 53 Resp: 83297
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 38.0 30.4 45.6



#16
Acetone
Concen: 261.812 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 43 Resp: 73009
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5

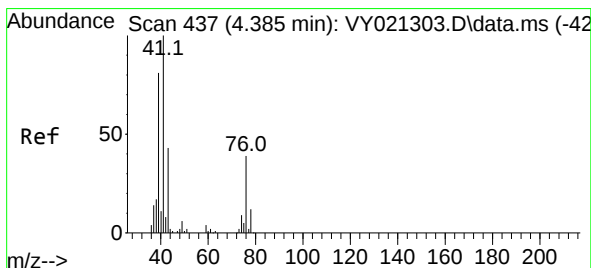
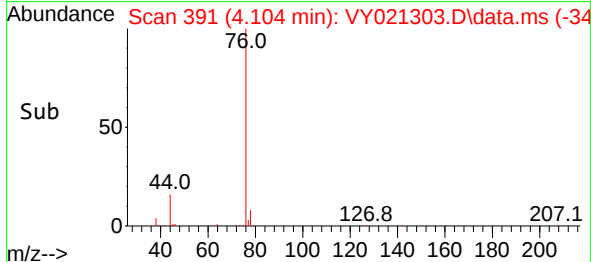
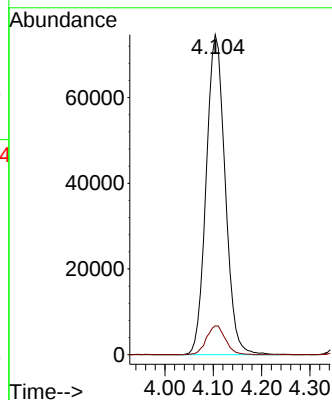
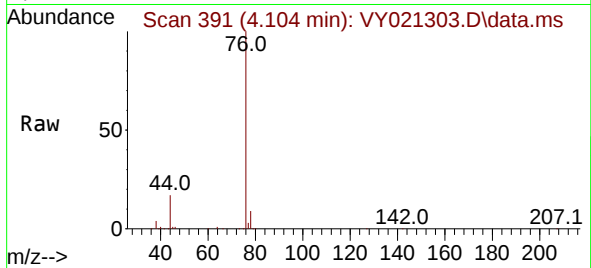




#17
Carbon Disulfide
Concen: 82.543 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

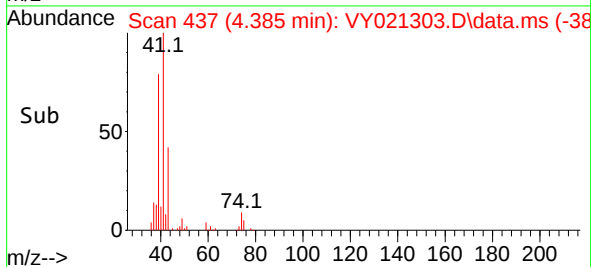
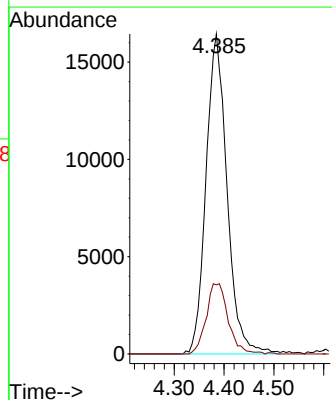
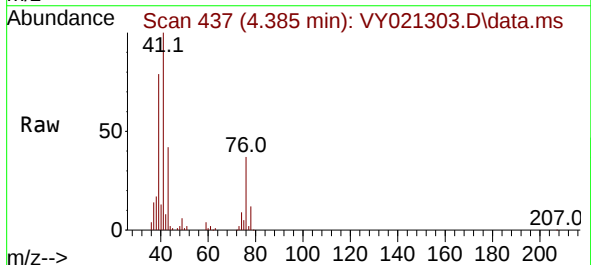
Instrument :
MSVOA_Y
ClientSampleId :

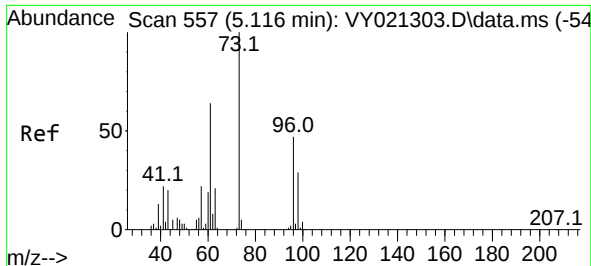
Tgt Ion: 76 Resp: 203233
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 57.302 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 43 Resp: 48104
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5

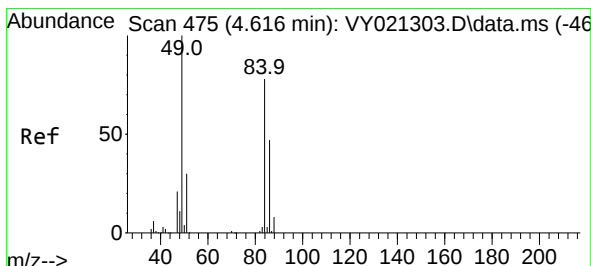
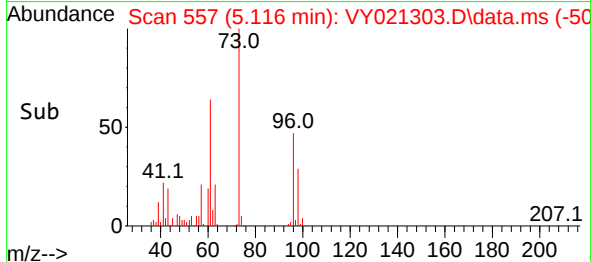
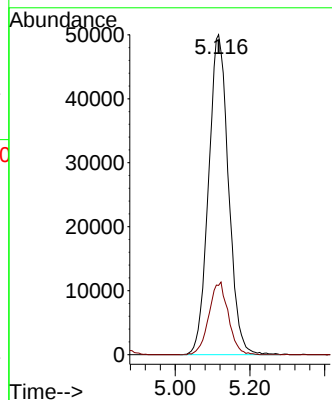
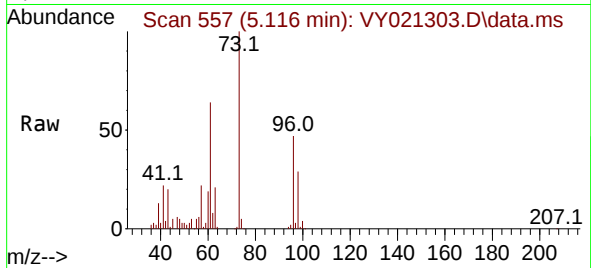




#19
Methyl tert-butyl Ether
Concen: 55.548 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

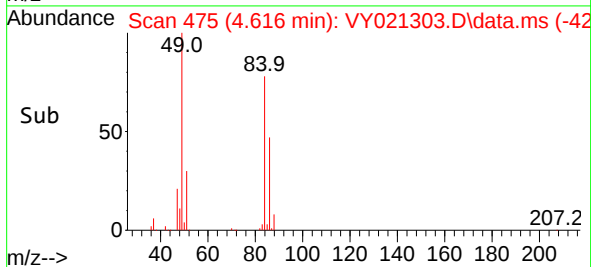
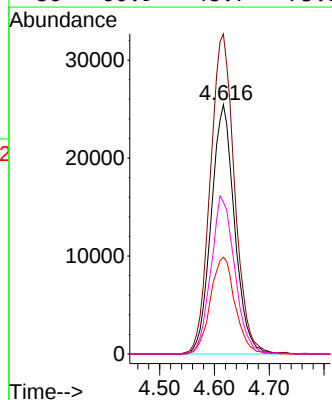
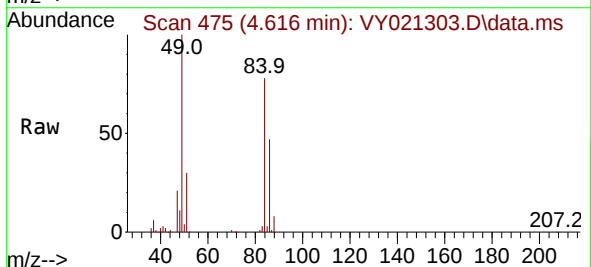
Instrument :
MSVOA_Y
ClientSampleId :

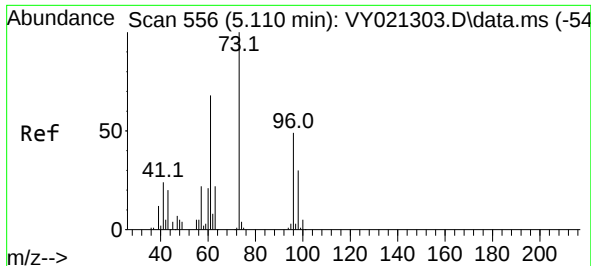
Tgt Ion: 73 Resp: 185366
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 55.400 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 84 Resp: 75429
Ion Ratio Lower Upper
84 100
49 128.3 102.6 154.0
51 38.8 31.0 46.6
86 60.9 48.7 73.1

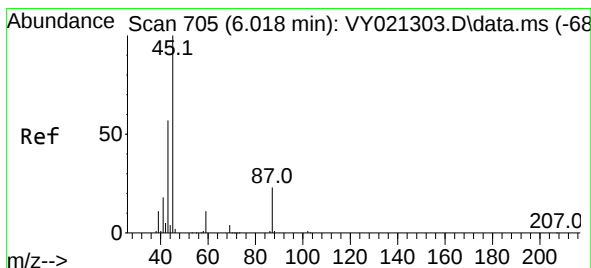
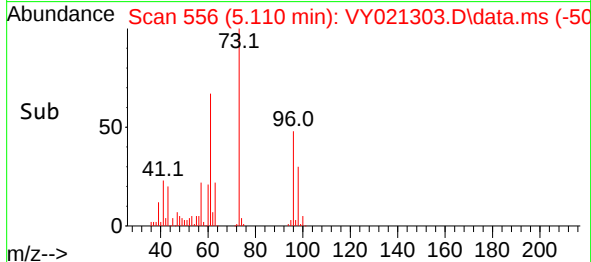
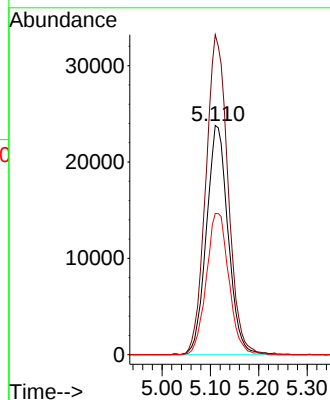
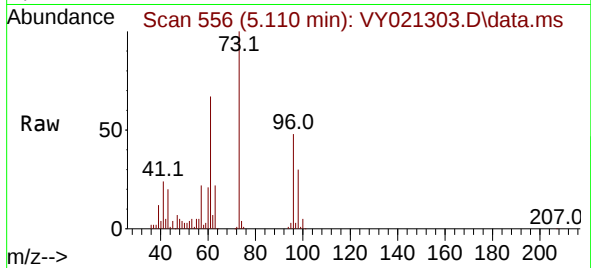




#21
trans-1,2-Dichloroethene
Concen: 64.337 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

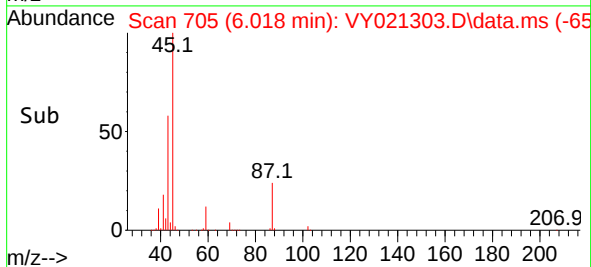
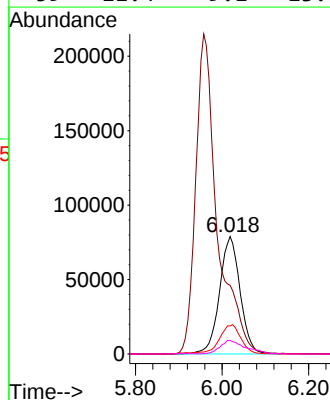
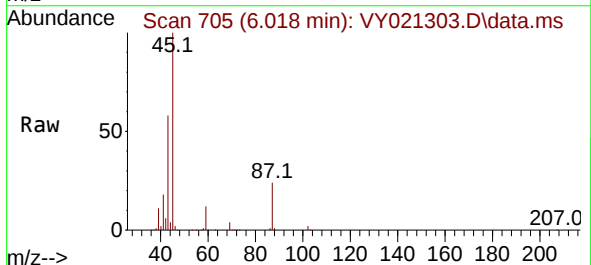
Instrument :
MSVOA_Y
ClientSampleId :

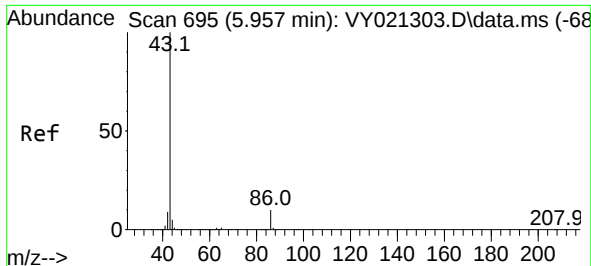
Tgt Ion: 96 Resp: 74157
Ion Ratio Lower Upper
96 100
61 139.6 111.7 167.5
98 61.6 49.3 73.9



#22
Diisopropyl ether
Concen: 56.732 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 45 Resp: 260810
Ion Ratio Lower Upper
45 100
43 58.0 46.4 69.6
87 24.0 19.2 28.8
59 11.4 9.1 13.7

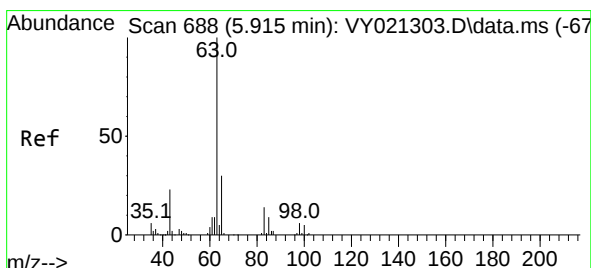
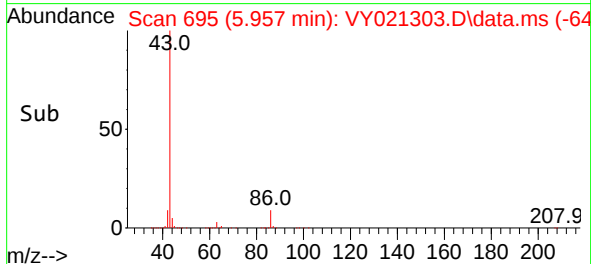
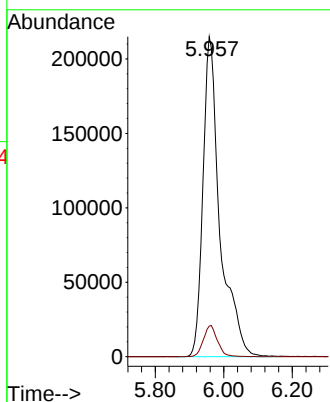
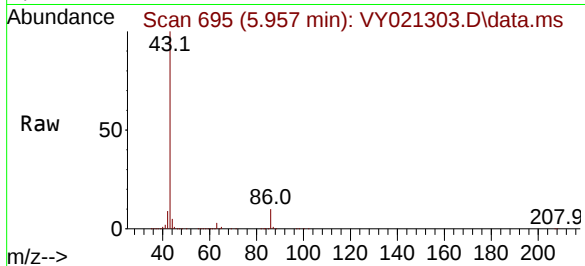




#23
 Vinyl Acetate
 Concen: 289.346 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

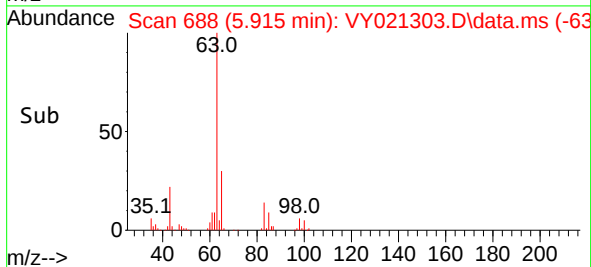
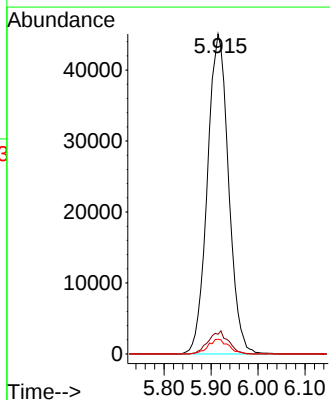
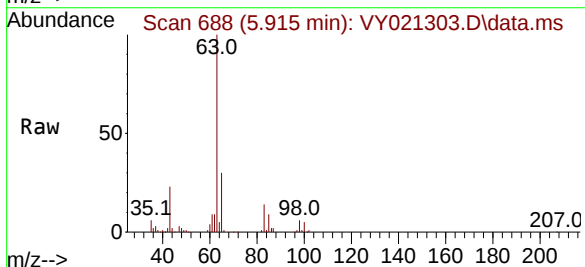
Instrument :
 MSVOA_Y
 ClientSampleId :

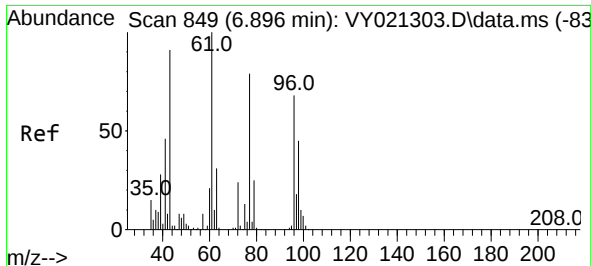
Tgt Ion: 43 Resp: 741901
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 56.280 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

Tgt Ion: 63 Resp: 141258
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 265.711 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

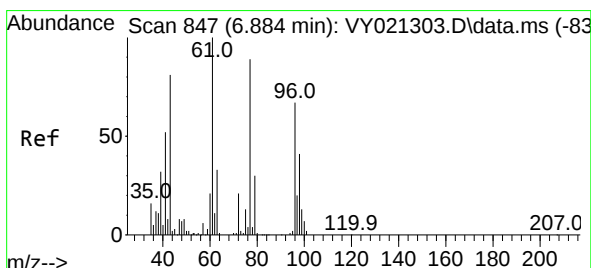
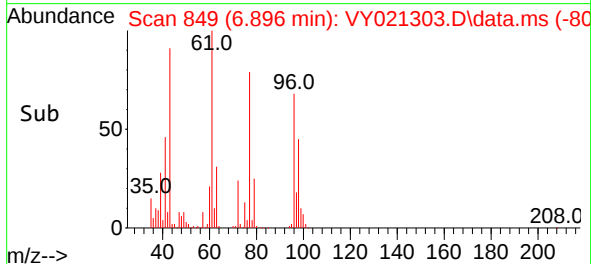
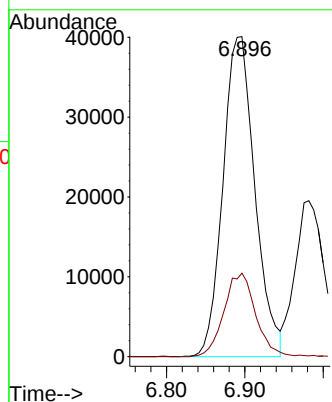
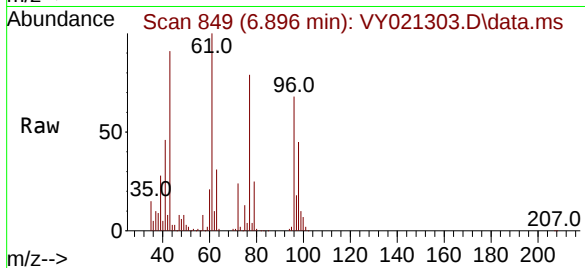
ClientSampleId :

Tgt Ion: 43 Resp: 113652

Ion Ratio Lower Upper

43 100

72 26.1 20.9 31.3



#26

2,2-Dichloropropane

Concen: 54.323 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021303.D

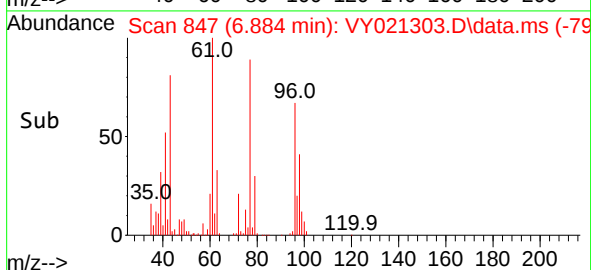
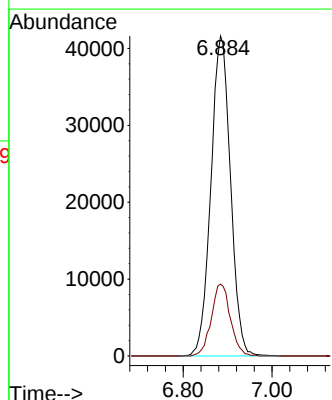
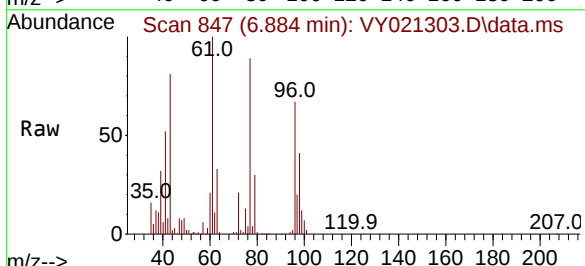
Acq: 24 Feb 2025 16:14

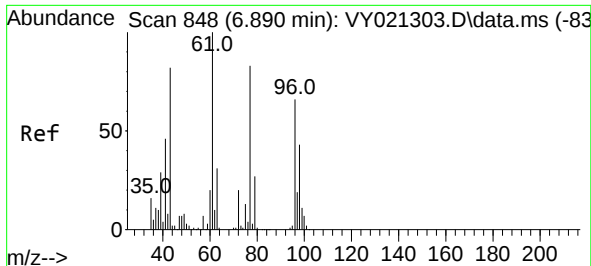
Tgt Ion: 77 Resp: 127336

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 58.644 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

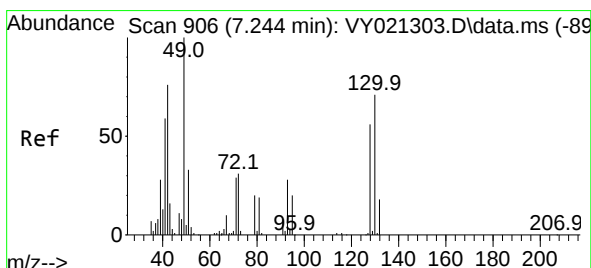
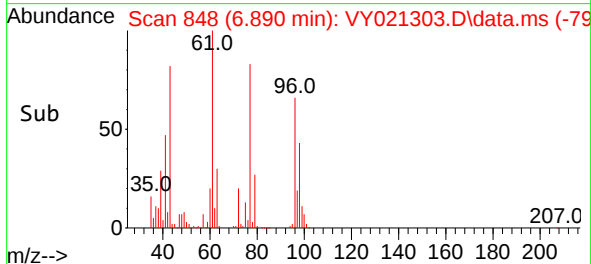
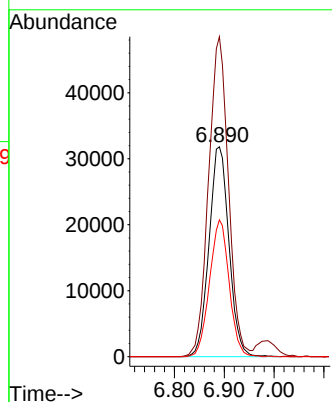
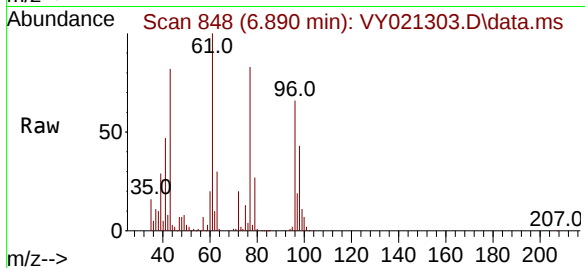
Tgt Ion: 96 Resp: 88261

Ion Ratio Lower Upper

96 100

61 151.8 0.0 303.6

98 64.0 0.0 128.0



#28

Bromochloromethane

Concen: 53.913 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

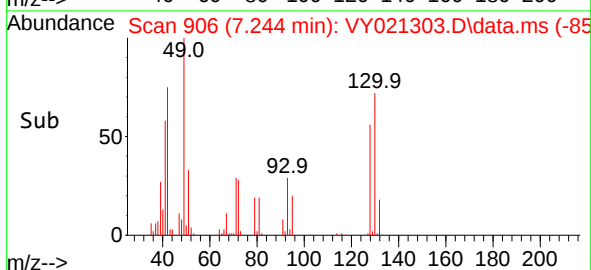
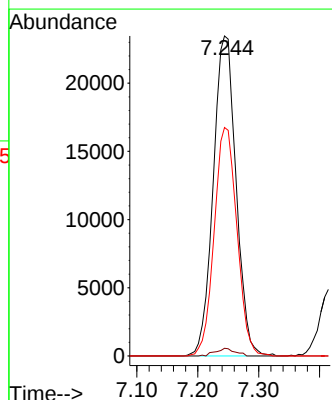
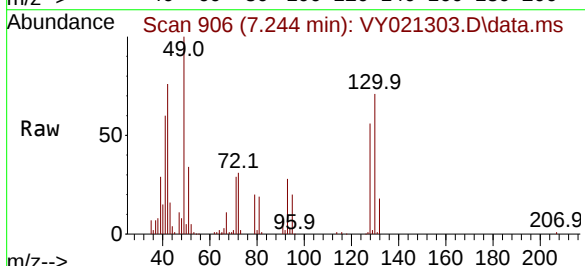
Tgt Ion: 49 Resp: 61143

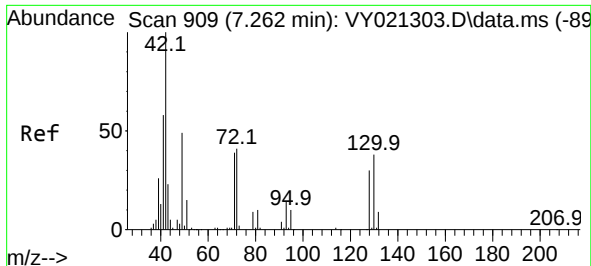
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 71.0 56.8 85.2





#29

Tetrahydrofuran

Concen: 285.271 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021303.D

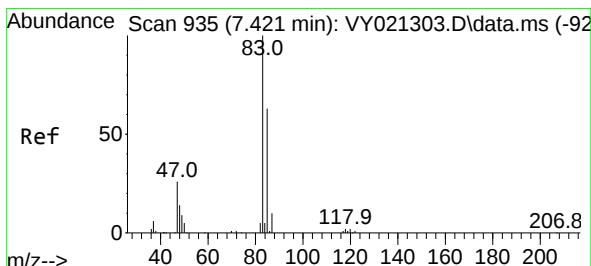
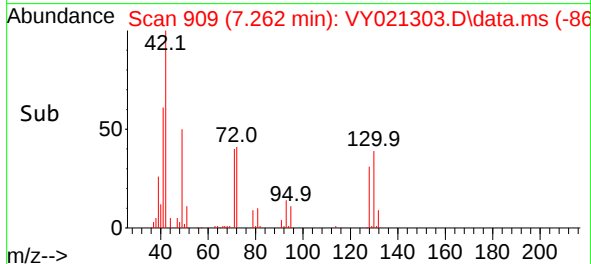
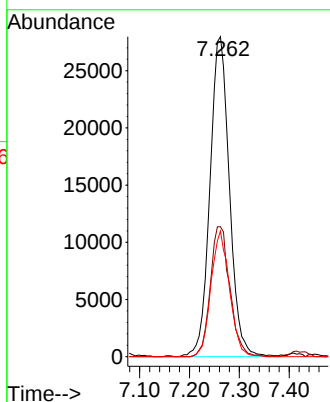
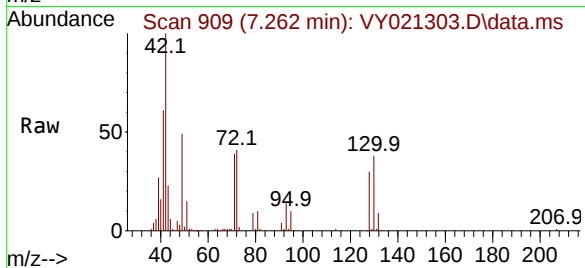
Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	76049
Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.6	48.8
71	37.4	29.9	44.9



#30

Chloroform

Concen: 55.133 ug/l

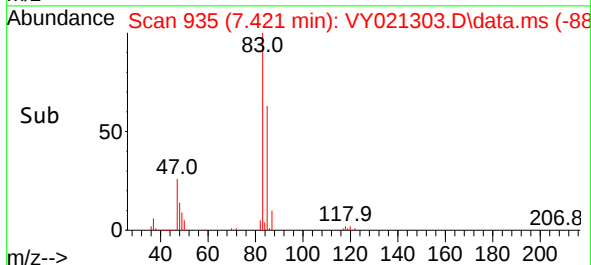
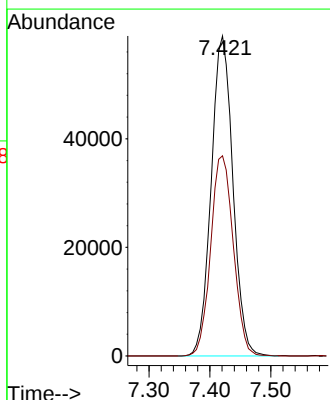
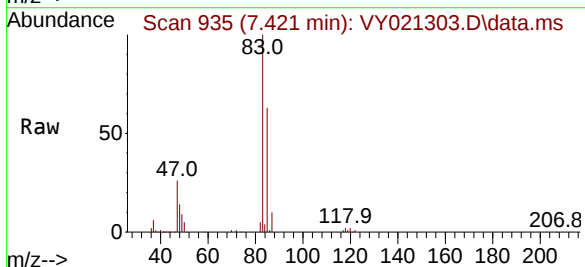
RT: 7.421 min Scan# 935

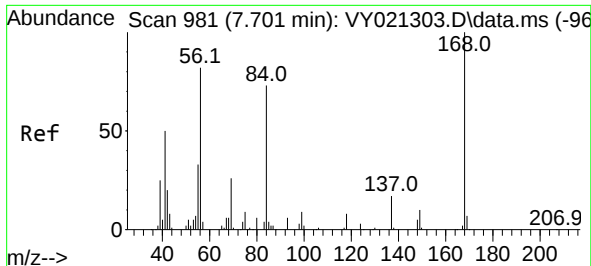
Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

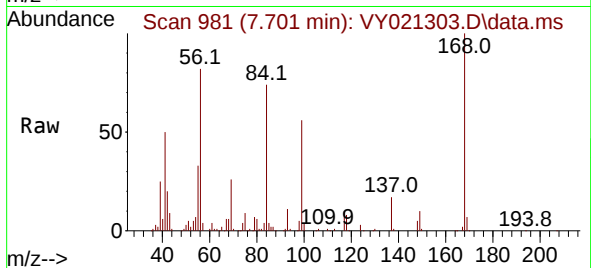
Tgt Ion:	83	Resp:	145784
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.1	75.1



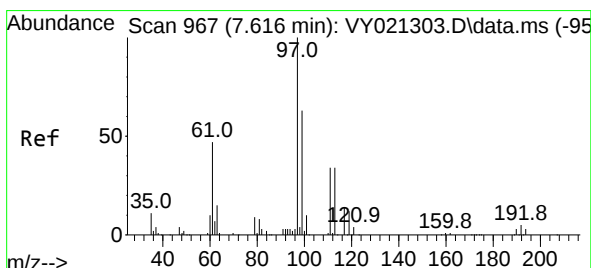
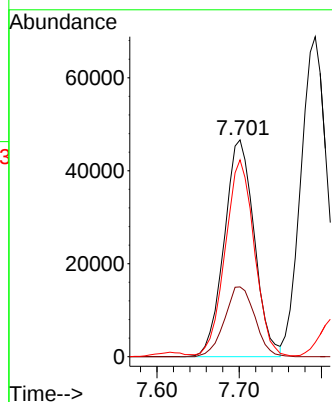
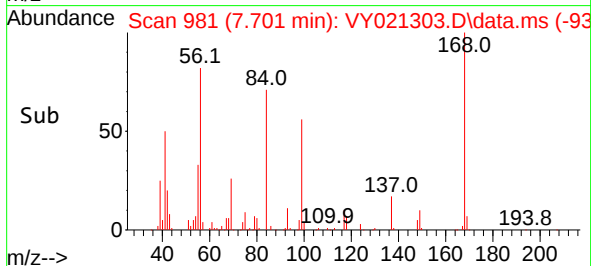


#31
Cyclohexane
Concen: 61.321 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :

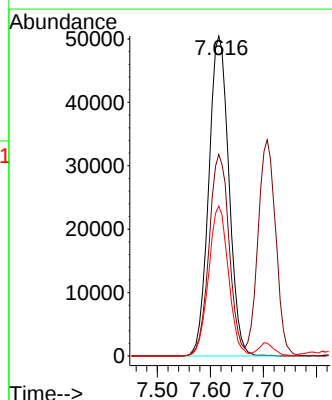
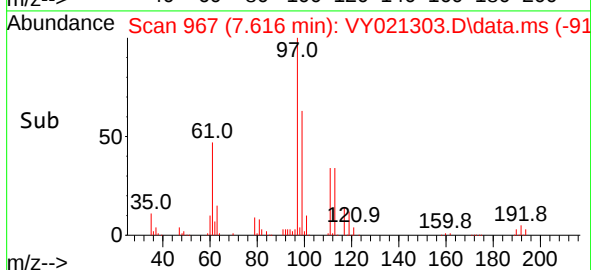
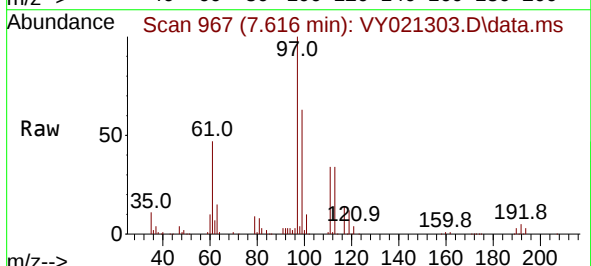


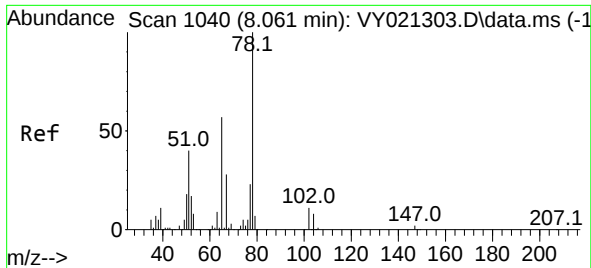
Tgt Ion: 56 Resp: 118701
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 89.2 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 56.338 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 97 Resp: 132968
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 46.3 37.0 55.6

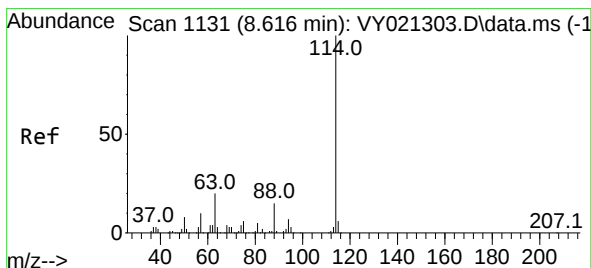
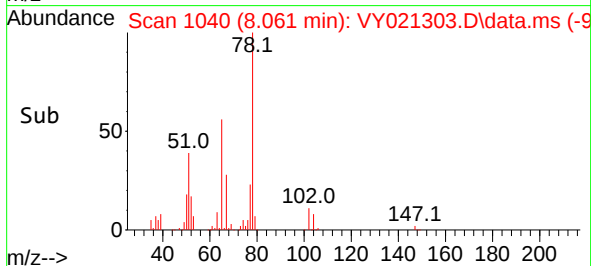
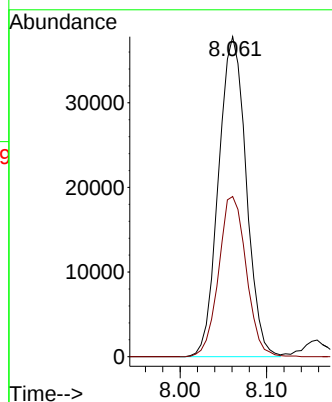
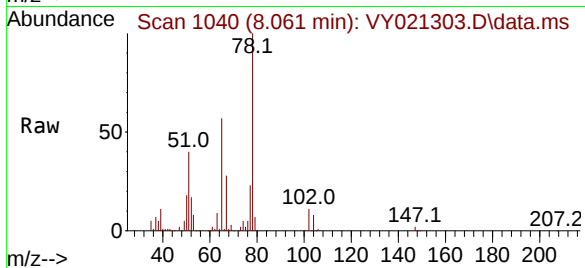




#33
 1,2-Dichloroethane-d4
 Concen: 56.327 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

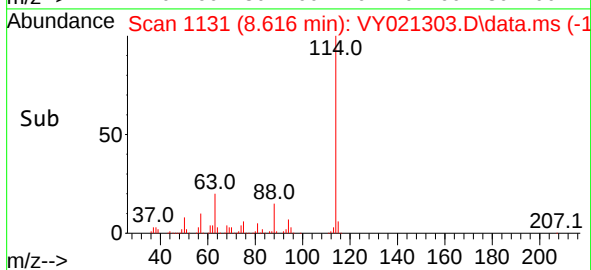
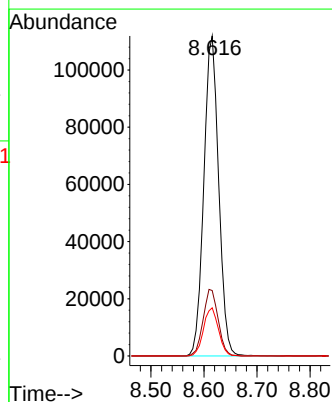
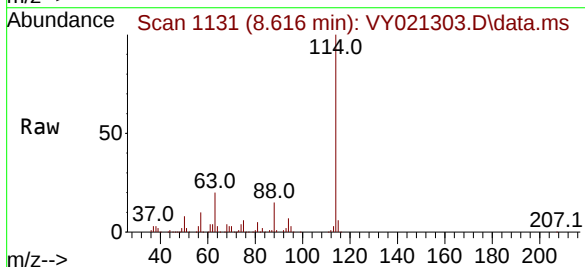
Instrument :
 MSVOA_Y
 ClientSampleId :

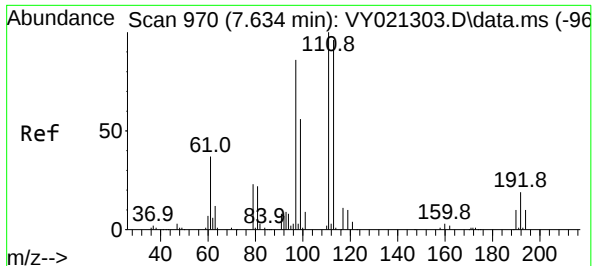
Tgt Ion: 65 Resp: 83920
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

Tgt Ion: 114 Resp: 217068
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.0
 88 15.1 0.0 30.2

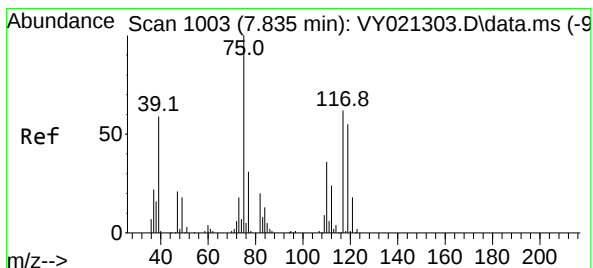
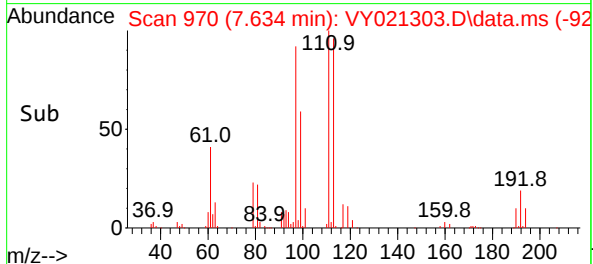
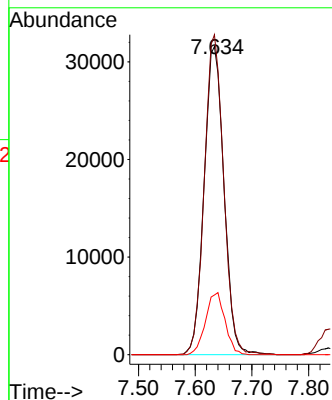
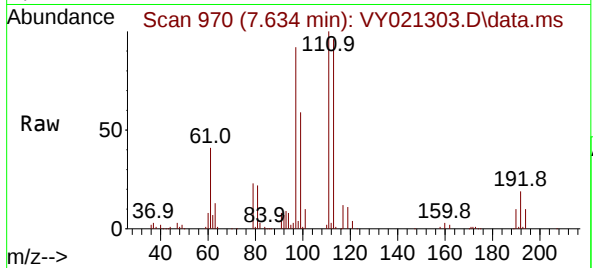




#35
Dibromofluoromethane
Concen: 55.284 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

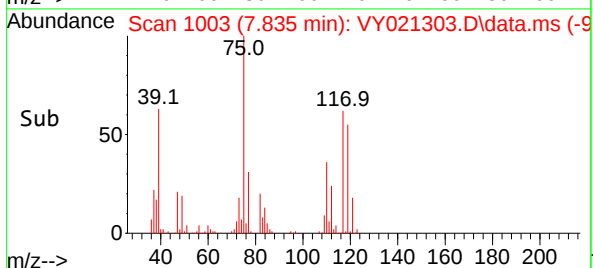
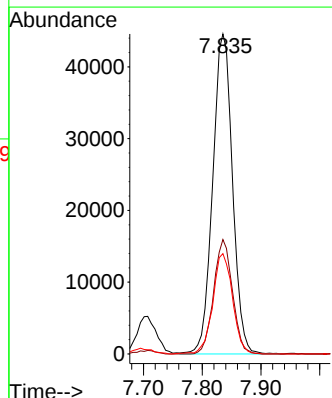
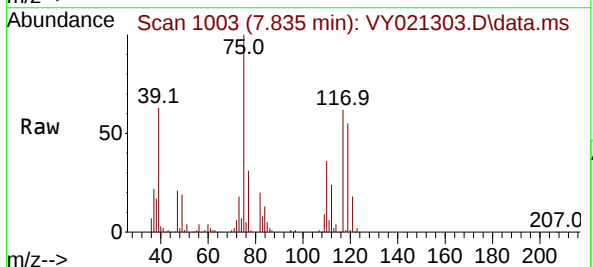
Instrument :
MSVOA_Y
ClientSampleId :

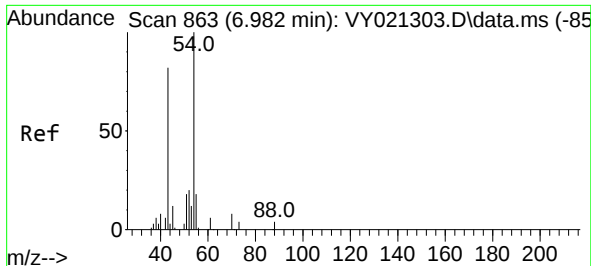
Tgt Ion:113 Resp: 76696
Ion Ratio Lower Upper
113 100
111 101.4 81.1 121.7
192 19.8 15.8 23.8



#36
1,1-Dichloropropene
Concen: 62.173 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 75 Resp: 104308
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 31.3 25.0 37.6

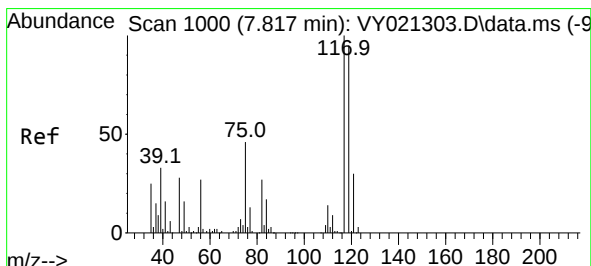
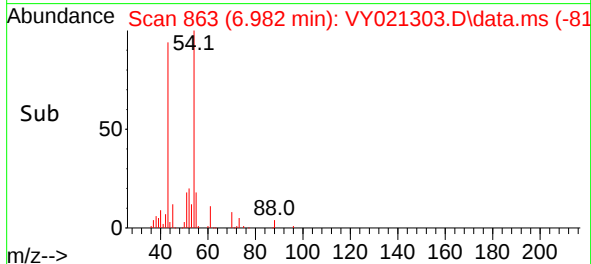
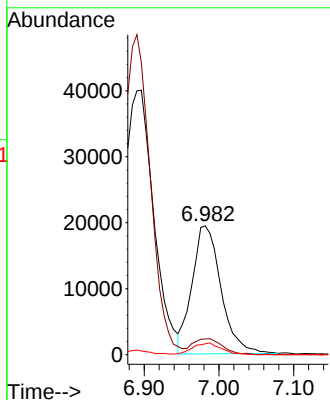
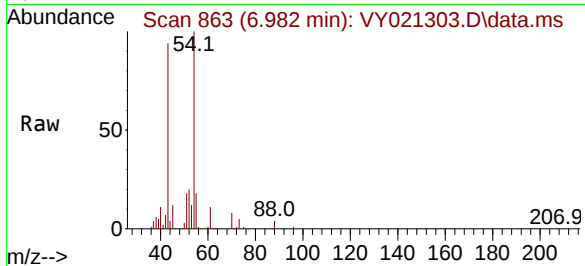




#37
Ethyl Acetate
Concen: 55.483 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

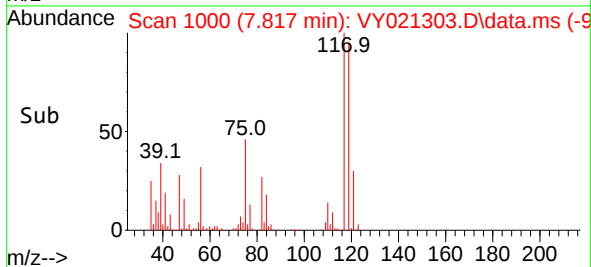
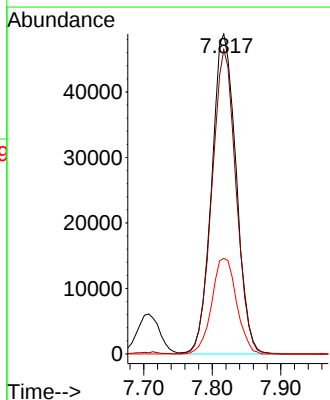
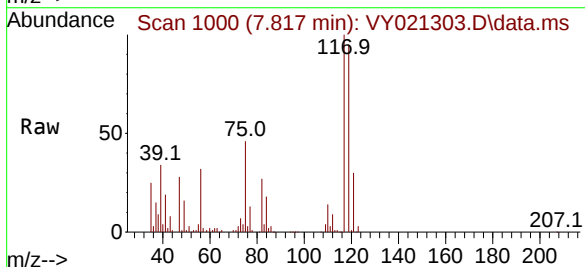
Instrument :
MSVOA_Y
ClientSampleId :

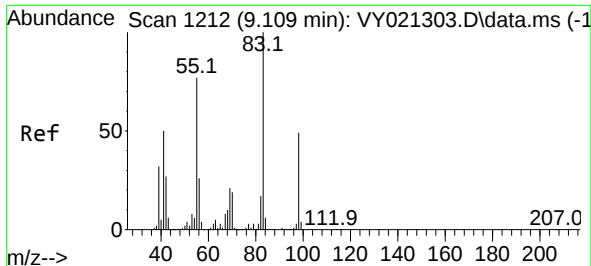
Tgt Ion: 43 Resp: 52301
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.2 7.4 11.0



#38
Carbon Tetrachloride
Concen: 58.157 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

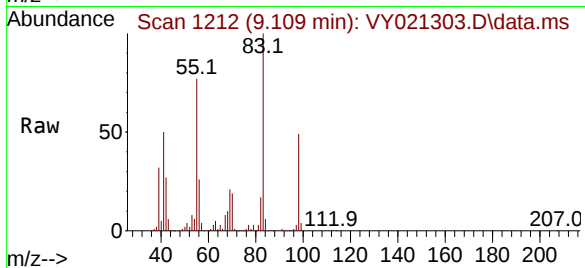
Tgt Ion: 117 Resp: 120668
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0
121 29.9 23.9 35.9



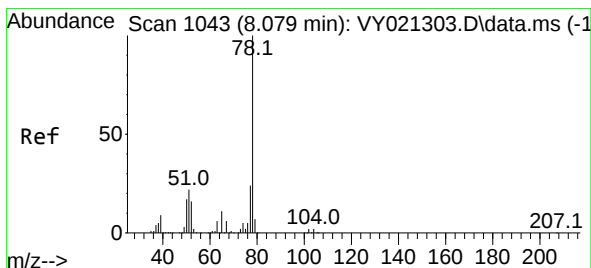
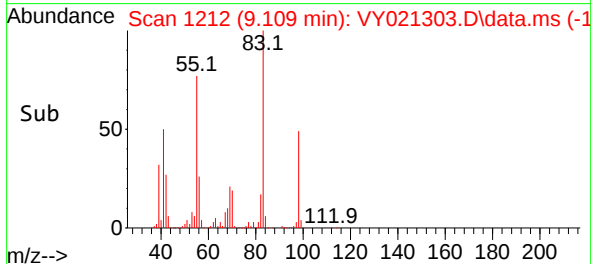
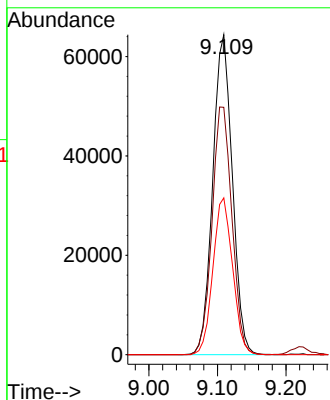


#39
Methylcyclohexane
Concen: 65.822 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :

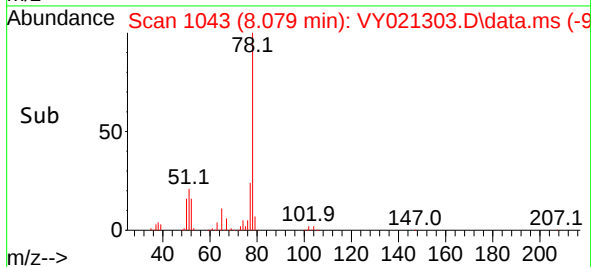
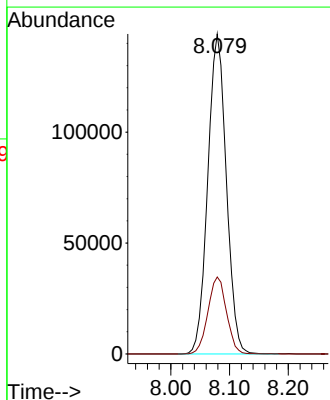
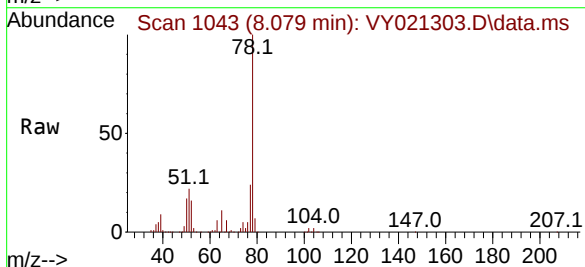


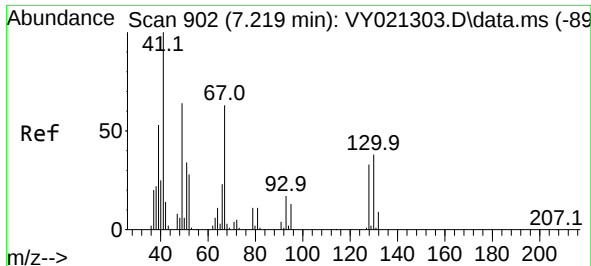
Tgt Ion: 83 Resp: 127797
Ion Ratio Lower Upper
83 100
55 77.3 61.8 92.8
98 49.0 39.2 58.8



#40
Benzene
Concen: 60.634 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

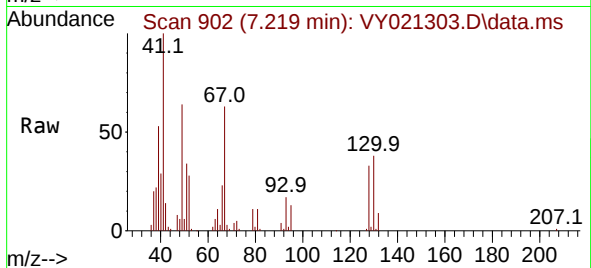
Tgt Ion: 78 Resp: 316045
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



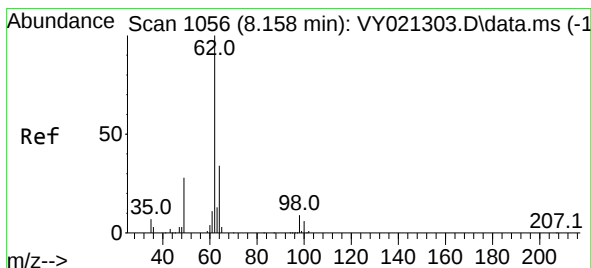
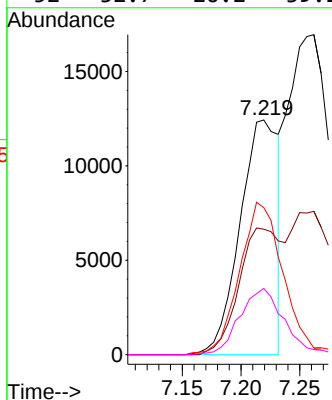
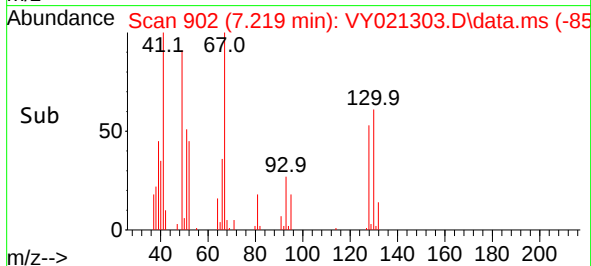


#41
Methacrylonitrile
Concen: 56.267 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

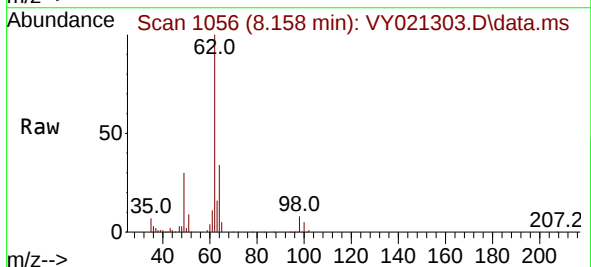
Instrument :
MSVOA_Y
ClientSampleId :



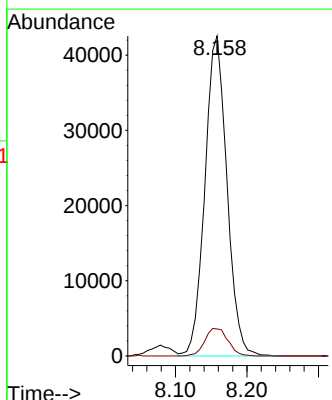
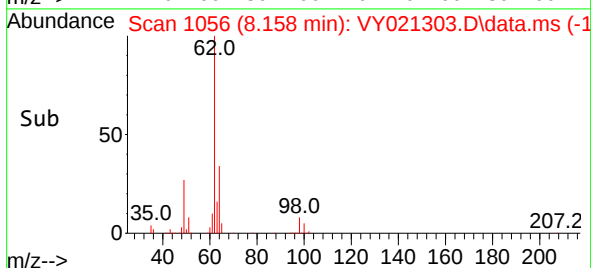
Tgt Ion:	41	Resp:	28233
Ion Ratio	Lower	Upper	
41	100		
39	62.6	50.1	75.1
67	74.1	59.3	88.9
52	32.7	26.2	39.2

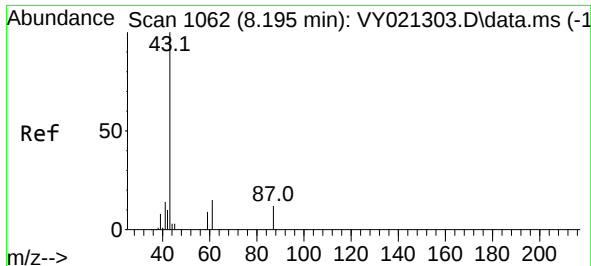


#42
1,2-Dichloroethane
Concen: 57.239 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14



Tgt Ion:	62	Resp:	91111
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	18.0

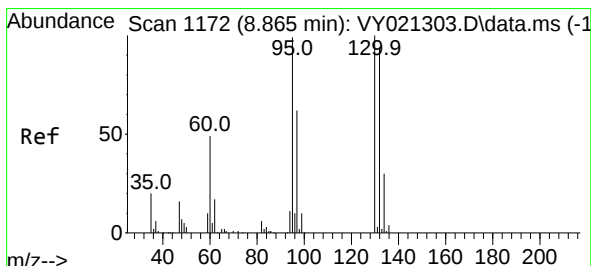
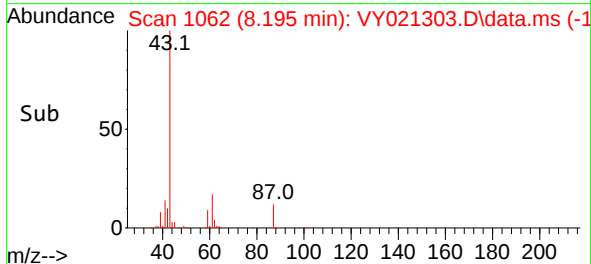
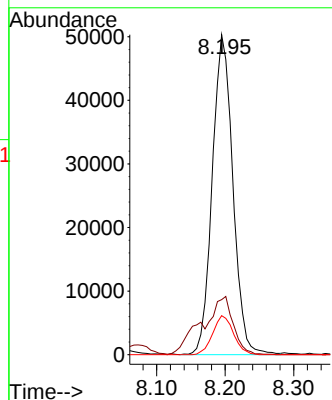
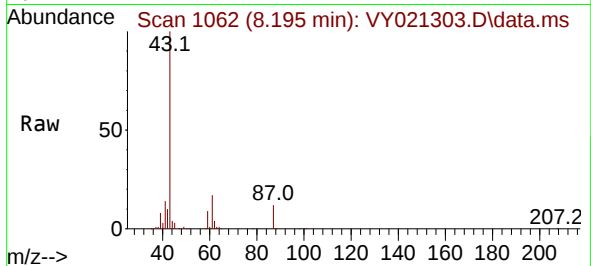




#43
Isopropyl Acetate
Concen: 55.351 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

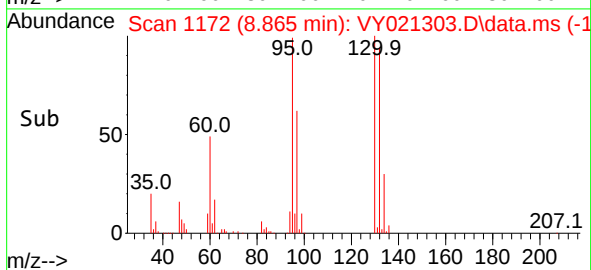
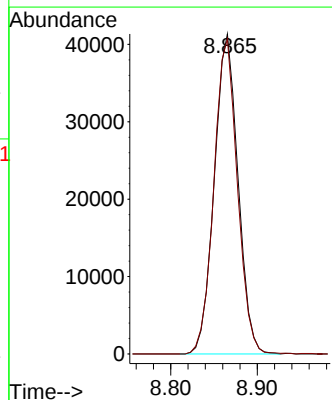
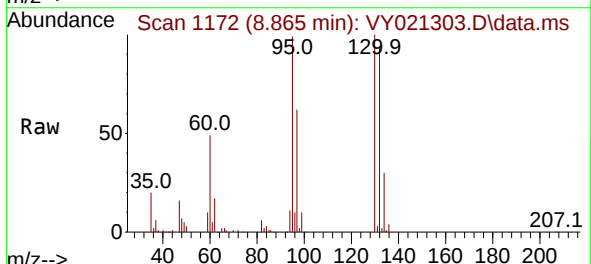
Instrument :
MSVOA_Y
ClientSampleId :

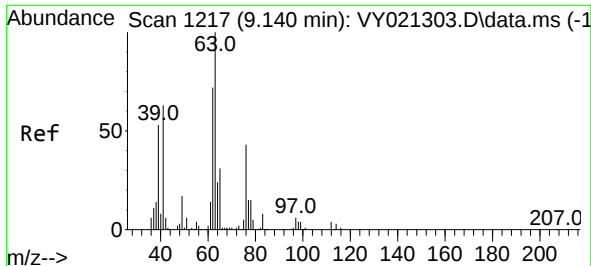
Tgt Ion: 43 Resp: 105076
Ion Ratio Lower Upper
43 100
61 27.7 22.2 33.2
87 12.3 9.8 14.8



#44
Trichloroethene
Concen: 60.174 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion:130 Resp: 78428
Ion Ratio Lower Upper
130 100
95 98.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 56.578 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

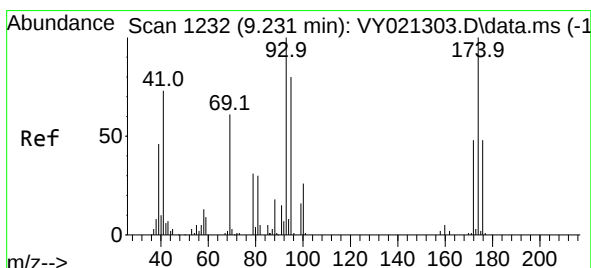
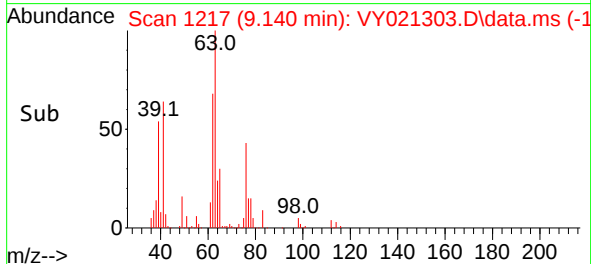
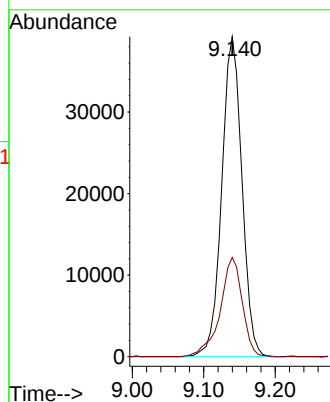
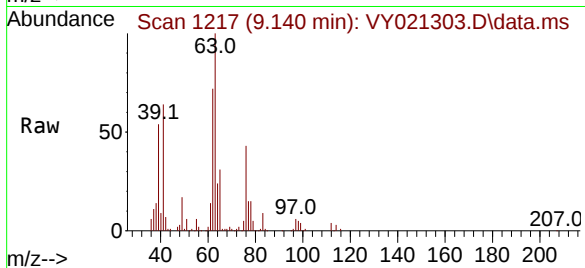
ClientSampleId :

Tgt Ion: 63 Resp: 76878

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 57.651 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

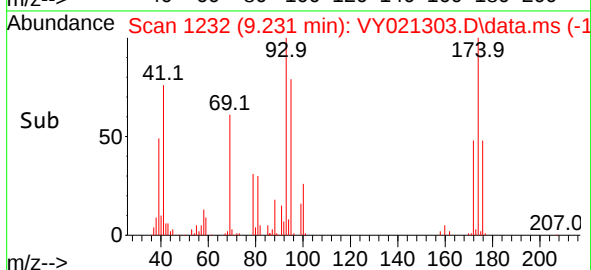
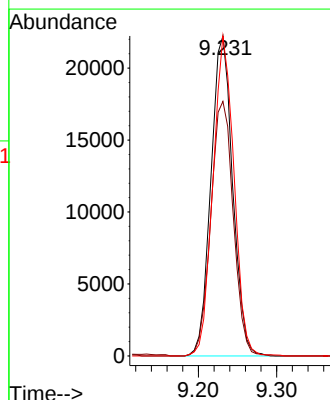
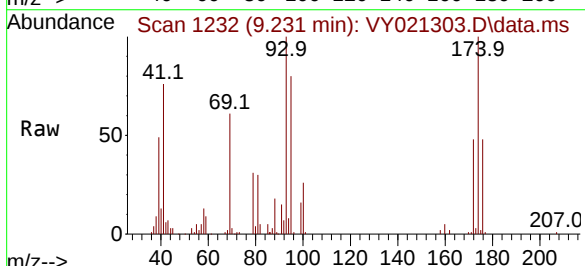
Tgt Ion: 93 Resp: 42856

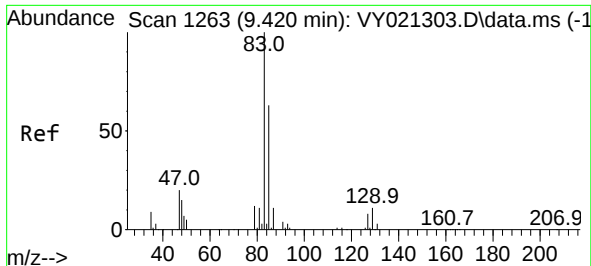
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

174 96.8 77.4 116.2

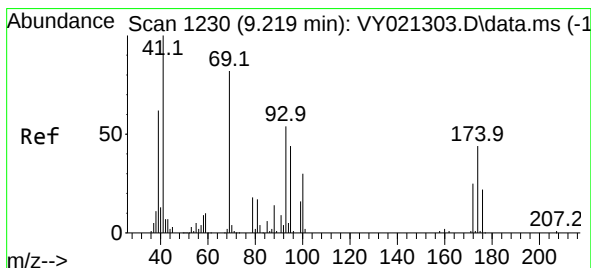
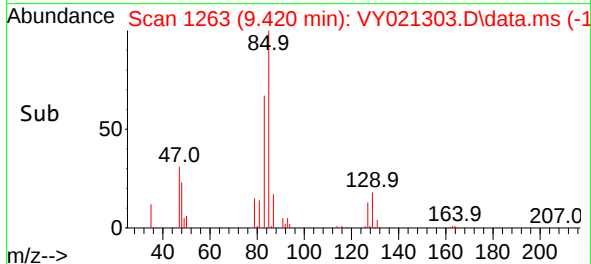
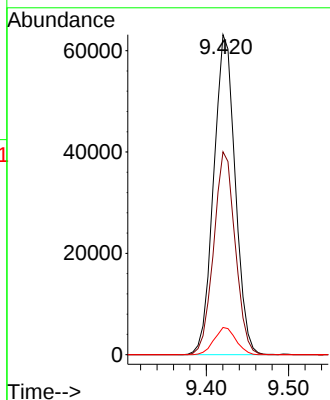
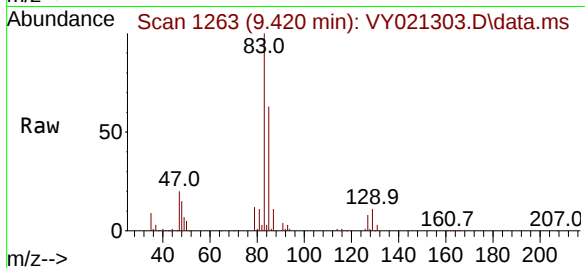




#47
Bromodichloromethane
Concen: 55.555 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

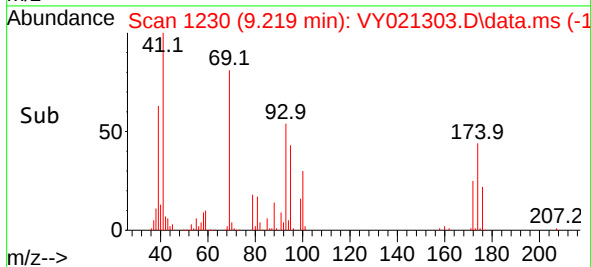
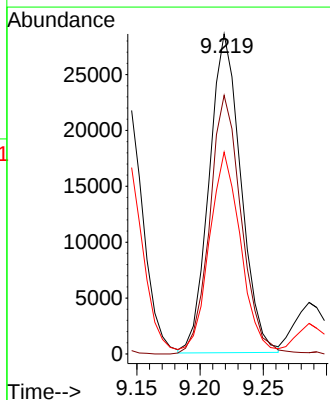
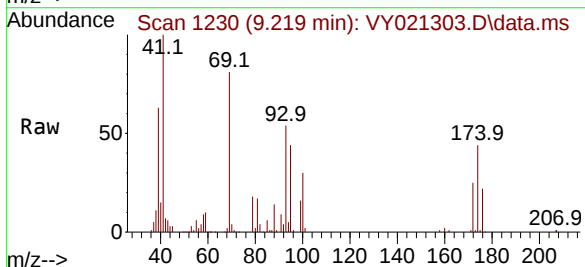
Instrument :
MSVOA_Y
ClientSampleId :

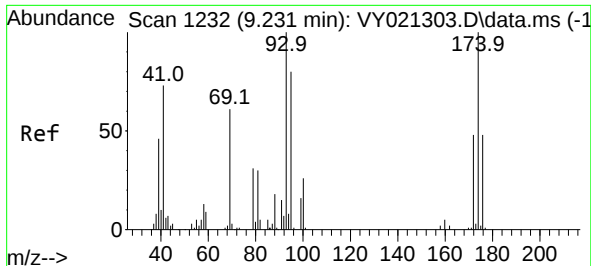
Tgt Ion: 83 Resp: 114855
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 57.804 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 41 Resp: 49865
Ion Ratio Lower Upper
41 100
69 80.8 64.6 97.0
39 59.9 47.9 71.9





#49

1,4-Dioxane

Concen: 1104.373 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

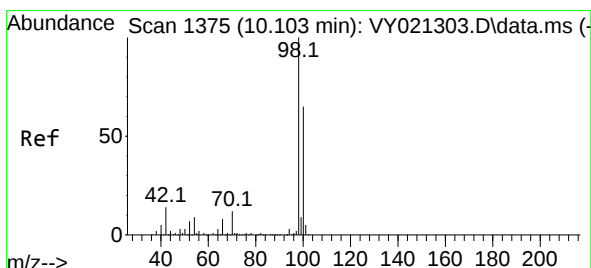
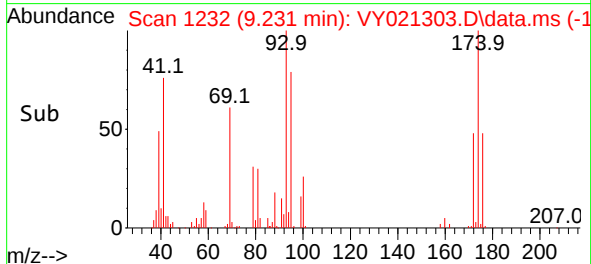
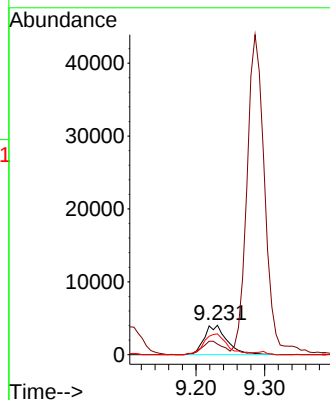
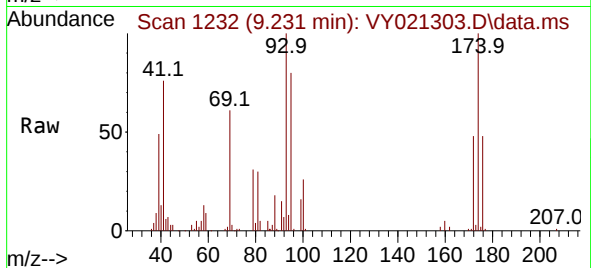
Tgt Ion: 88 Resp: 9343

Ion Ratio Lower Upper

88 100

43 41.5 33.2 49.8

58 72.3 57.8 86.8



#50

Toluene-d8

Concen: 57.089 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY021303.D

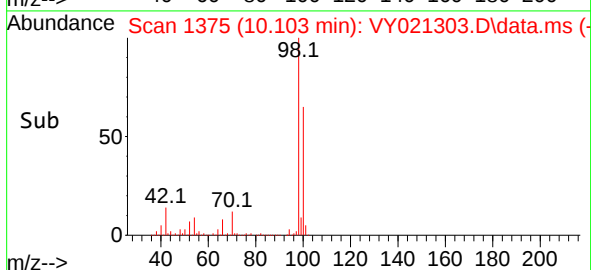
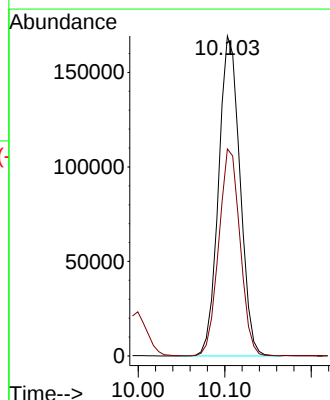
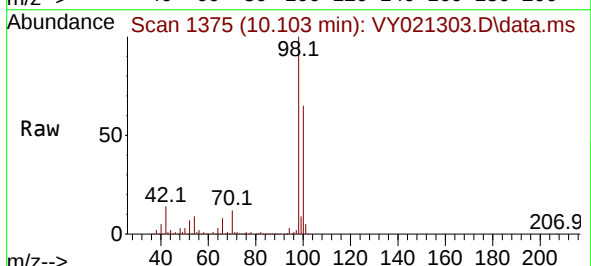
Acq: 24 Feb 2025 16:14

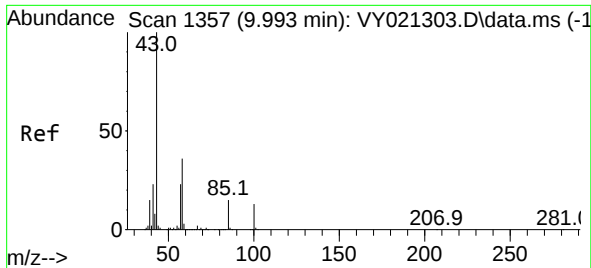
Tgt Ion: 98 Resp: 290126

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2

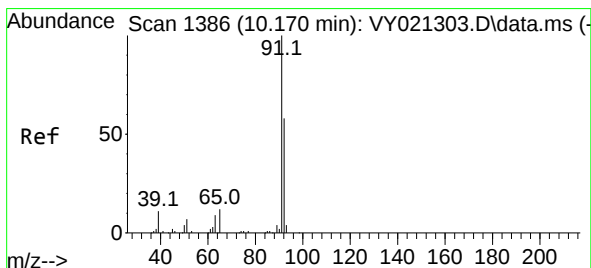
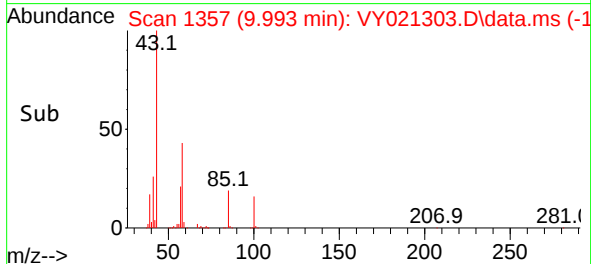
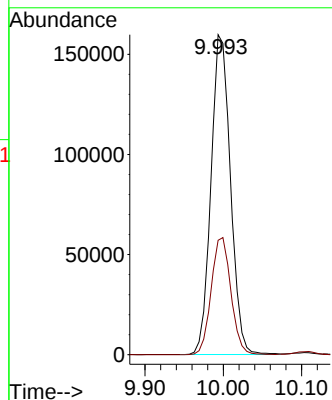
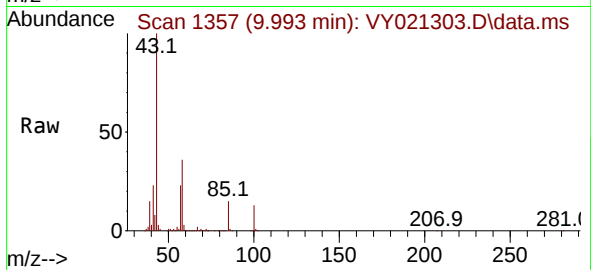




#51
4-Methyl-2-Pentanone
Concen: 273.211 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

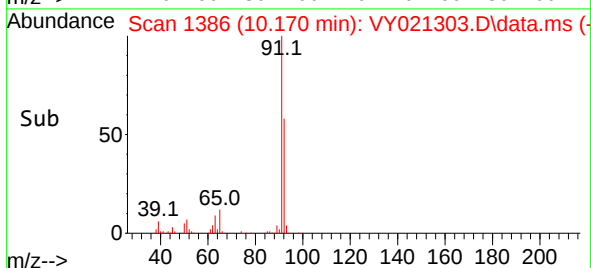
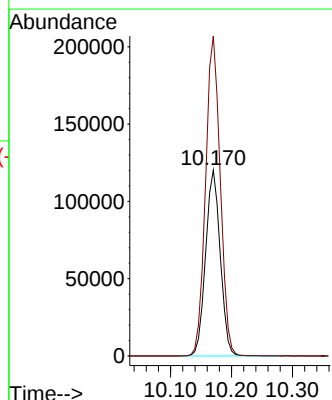
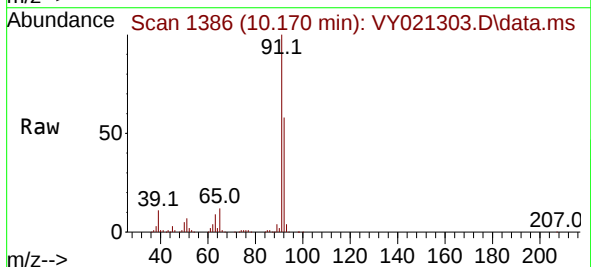
Instrument :
MSVOA_Y
ClientSampleId :

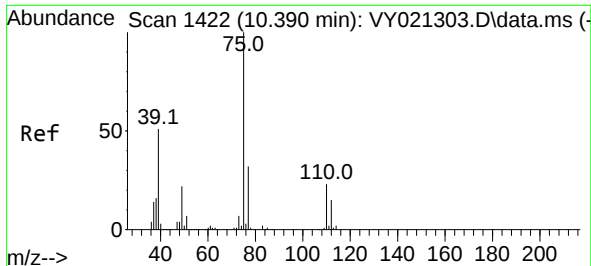
Tgt Ion: 43 Resp: 275695
Ion Ratio Lower Upper
43 100
58 37.1 29.7 44.5



#52
Toluene
Concen: 60.306 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 92 Resp: 200500
Ion Ratio Lower Upper
92 100
91 172.9 138.3 207.5

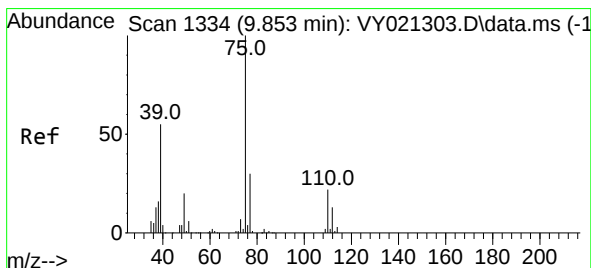
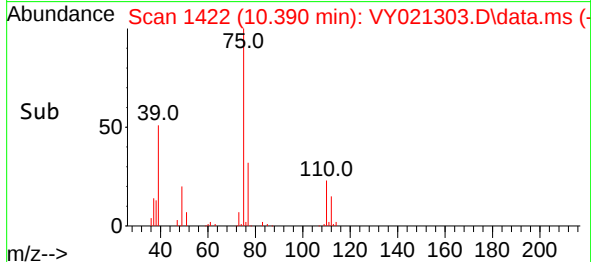
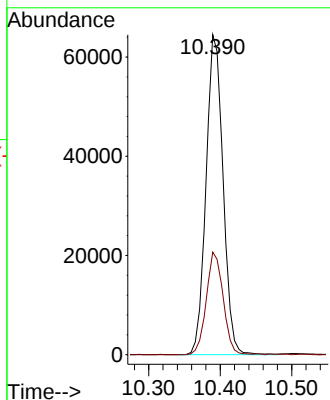
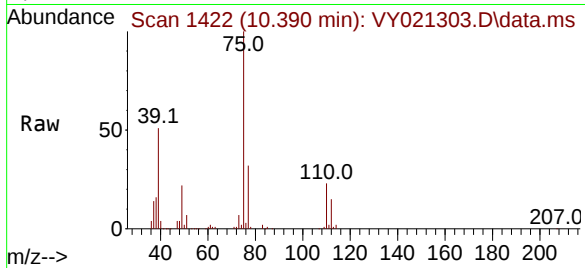




#53
t-1,3-Dichloropropene
Concen: 57.230 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

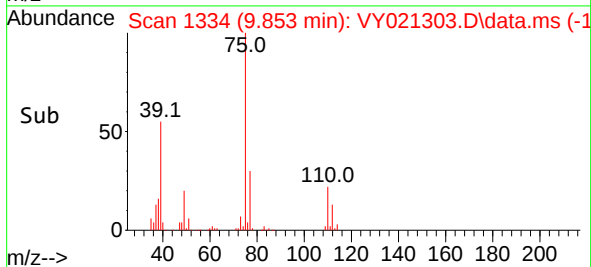
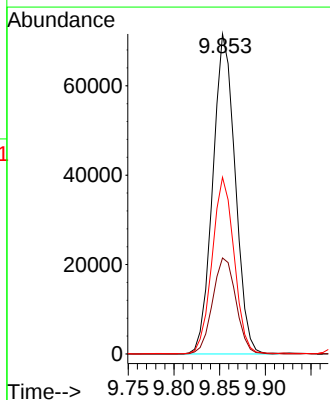
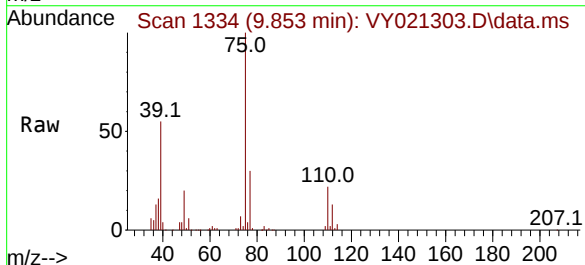
Instrument :
MSVOA_Y
ClientSampleId :

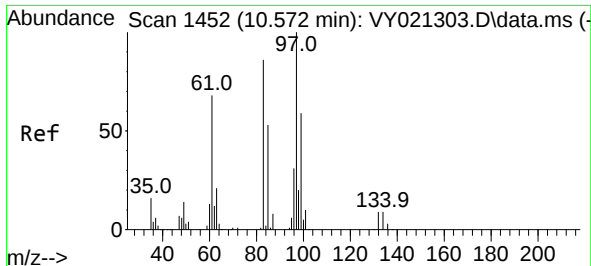
Tgt Ion: 75 Resp: 106386
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 57.813 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 75 Resp: 122010
Ion Ratio Lower Upper
75 100
77 30.0 24.0 36.0
39 55.1 44.1 66.1

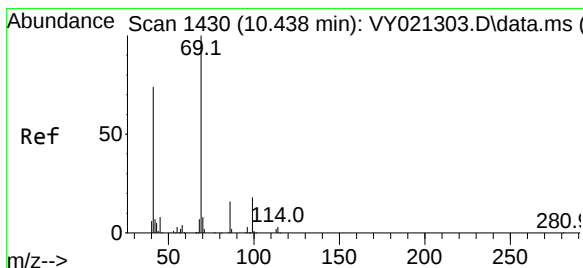
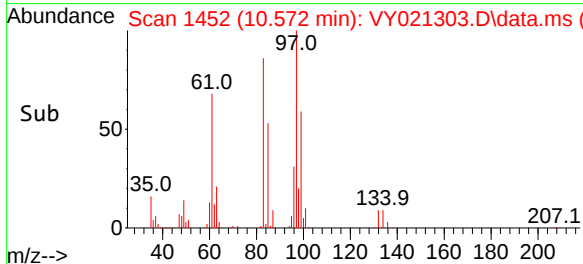
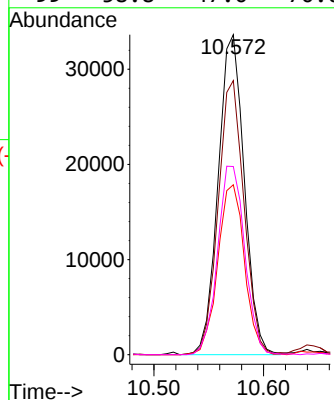
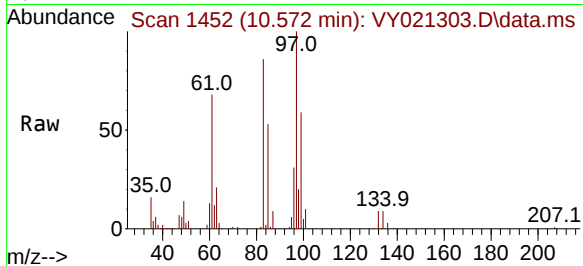




#55
1,1,2-Trichloroethane
Concen: 53.902 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

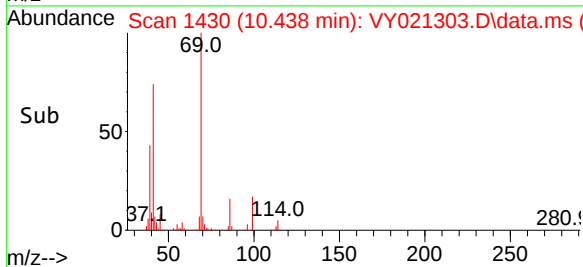
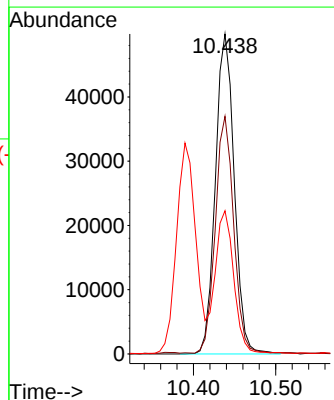
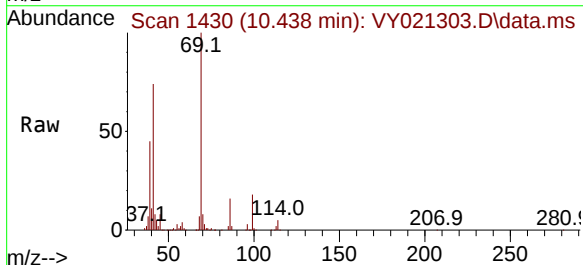
Instrument :
MSVOA_Y
ClientSampleId :

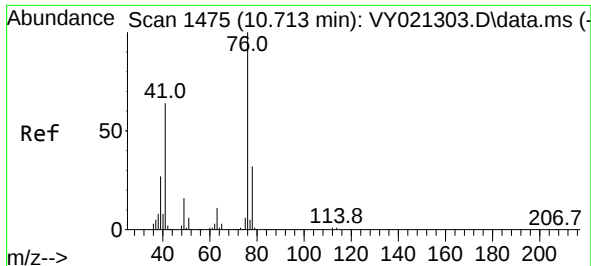
Tgt Ion:	97	Resp:	55673
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.5	102.7
85	53.1	42.5	63.7
99	58.8	47.0	70.6



#56
Ethyl methacrylate
Concen: 58.859 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion:	69	Resp:	79409
Ion	Ratio	Lower	Upper
69	100		
41	72.5	58.0	87.0
39	44.2	35.4	53.0

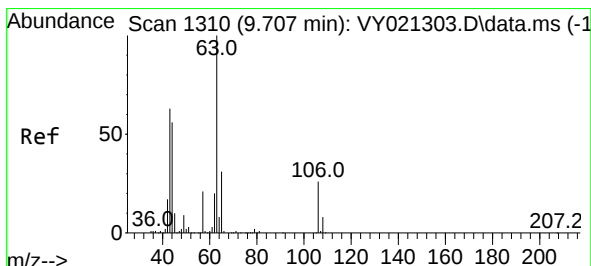
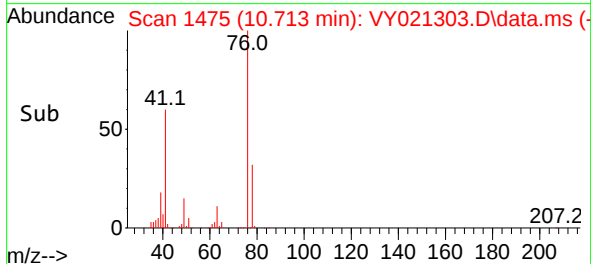
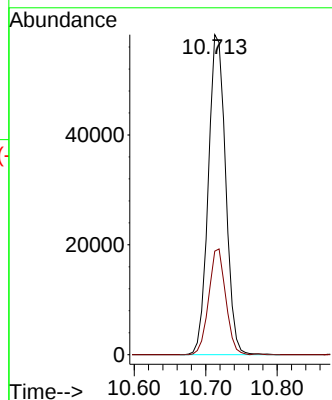
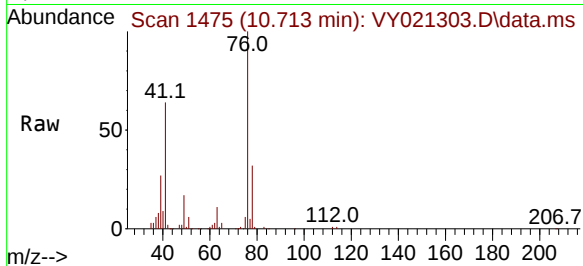




#57
1,3-Dichloropropane
Concen: 56.024 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

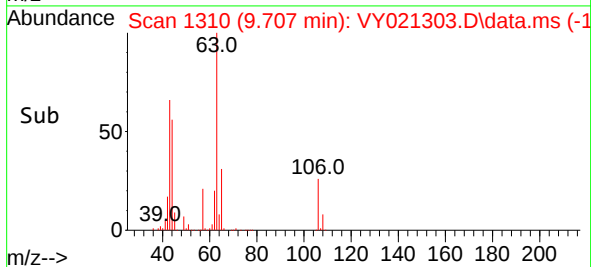
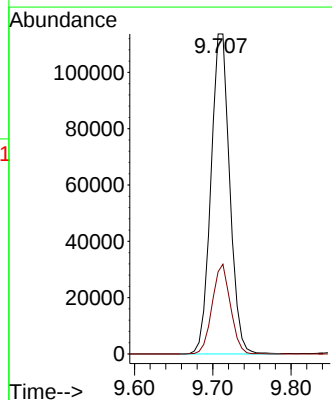
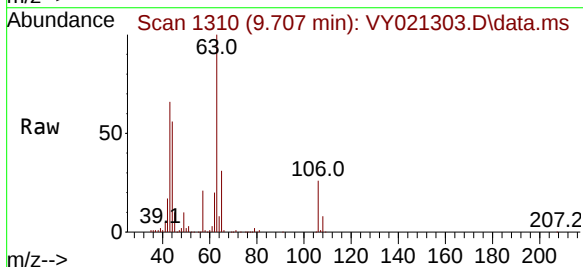
Instrument :
MSVOA_Y
ClientSampleId :

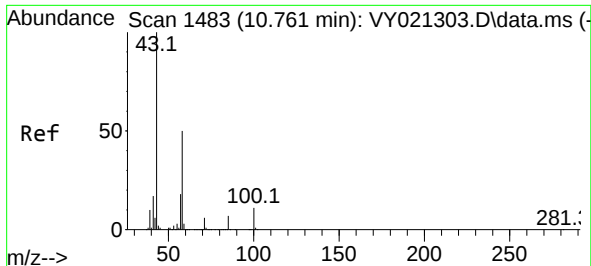
Tgt Ion: 76 Resp: 97997
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 280.105 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 63 Resp: 189359
Ion Ratio Lower Upper
63 100
106 27.2 21.8 32.6

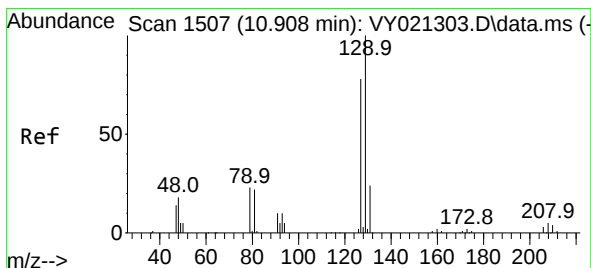
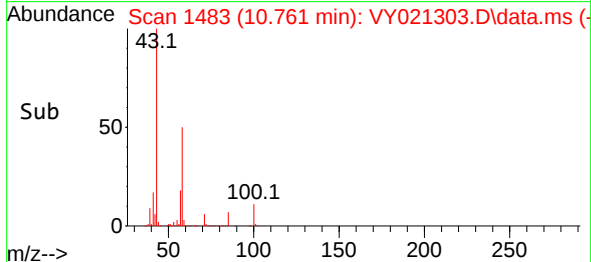
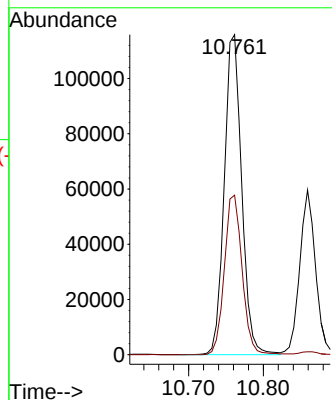
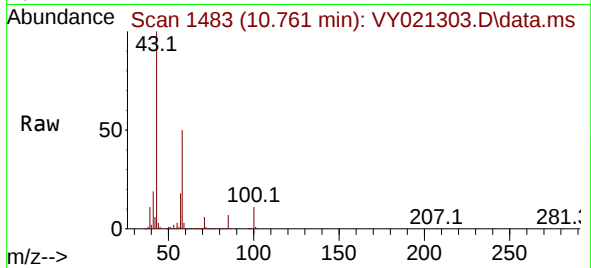




#59
2-Hexanone
Concen: 283.940 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

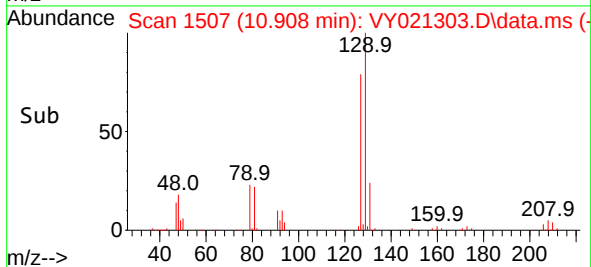
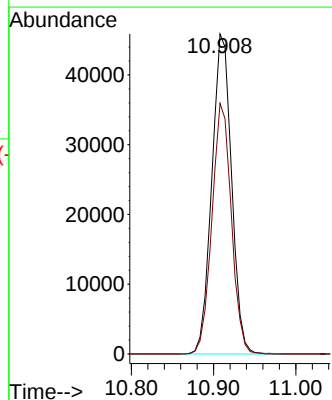
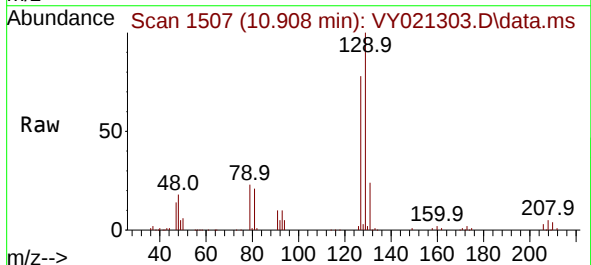
Instrument :
MSVOA_Y
ClientSampleId :

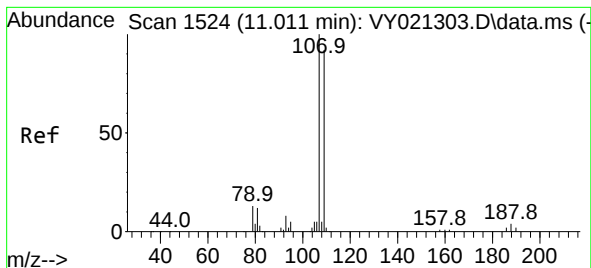
Tgt Ion: 43 Resp: 187814
Ion Ratio Lower Upper
43 100
58 50.9 25.4 76.4



#60
Dibromochloromethane
Concen: 54.088 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion:129 Resp: 76233
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

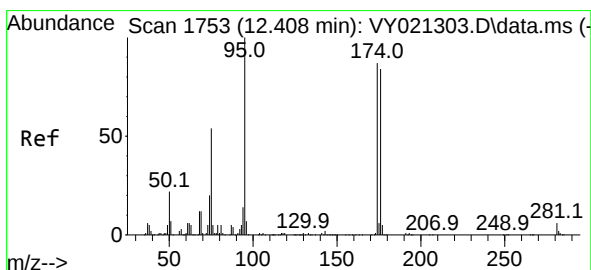
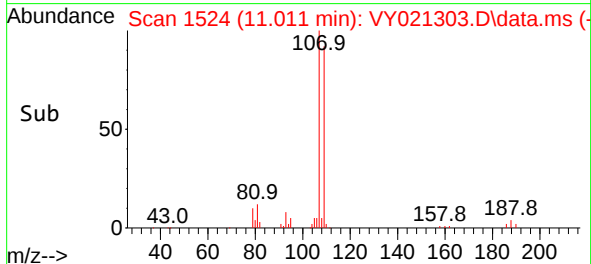
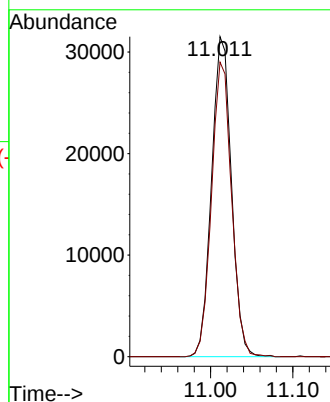
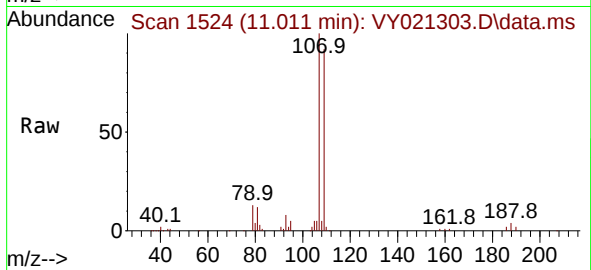




#61
1,2-Dibromoethane
Concen: 57.367 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

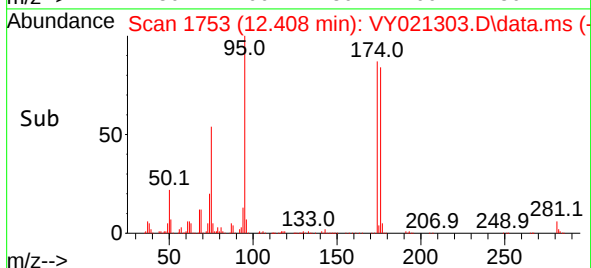
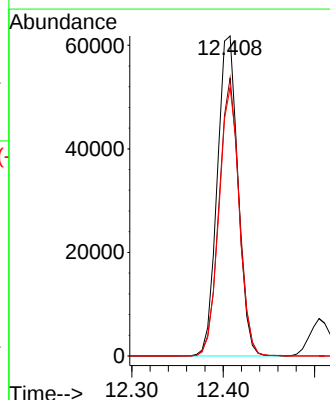
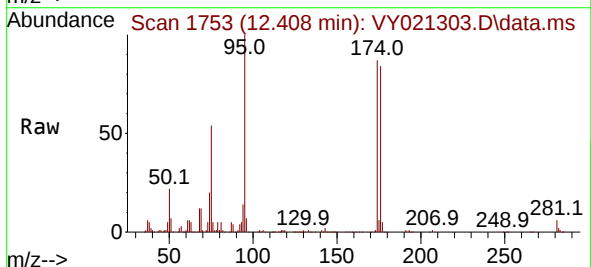
Instrument :
MSVOA_Y
ClientSampleId :

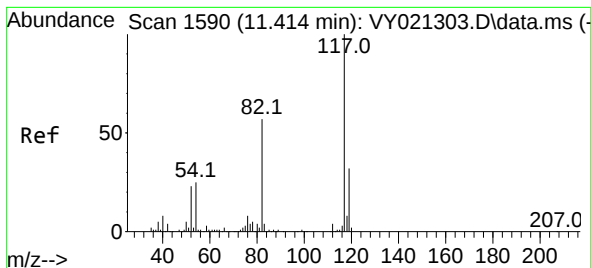
Tgt Ion:107 Resp: 52793
Ion Ratio Lower Upper
107 100
109 93.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 55.437 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 95 Resp: 97297
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.2
176 82.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

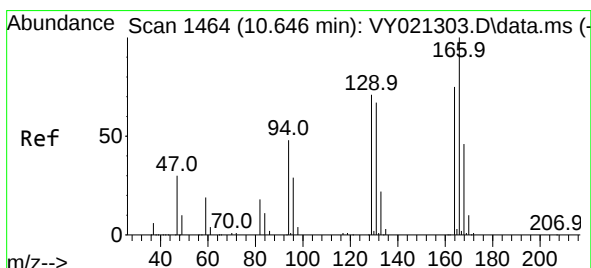
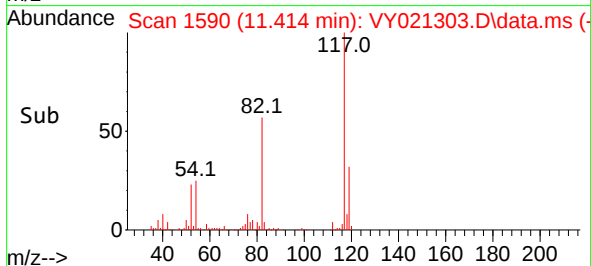
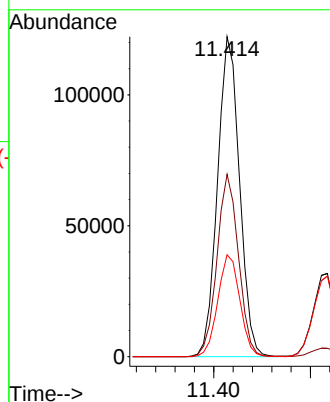
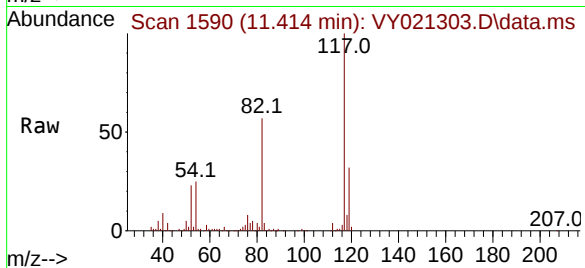
Tgt Ion:117 Resp: 192639

Ion Ratio Lower Upper

117 100

82 57.0 45.6 68.4

119 31.8 25.4 38.2



#64

Tetrachloroethene

Concen: 59.428 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Tgt Ion:164 Resp: 71283

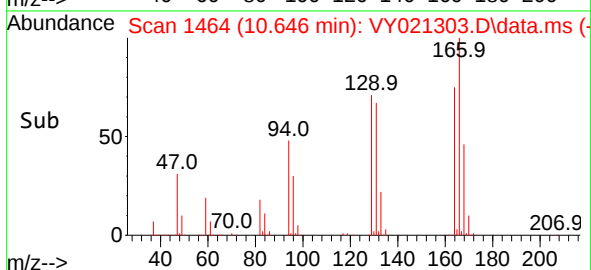
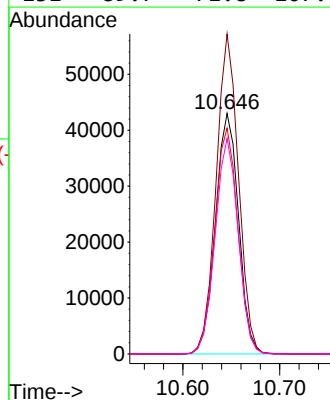
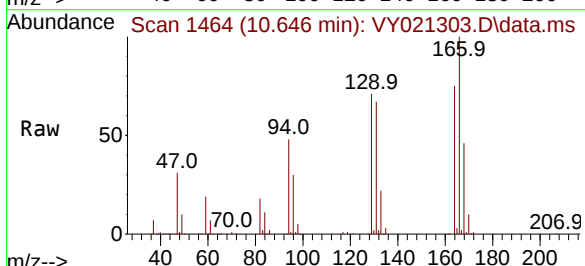
Ion Ratio Lower Upper

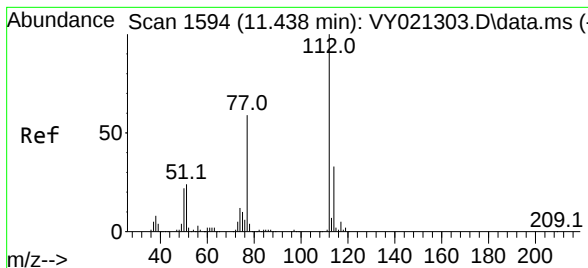
164 100

166 133.1 106.5 159.7

129 94.0 75.2 112.8

131 89.7 71.8 107.6

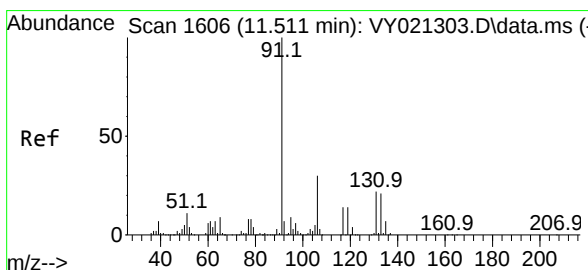
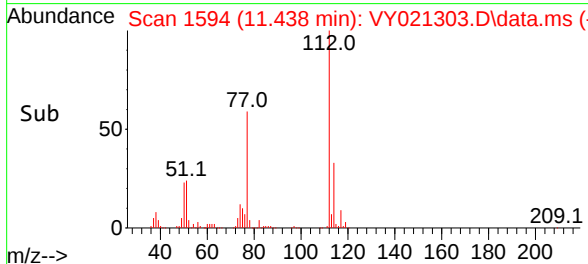
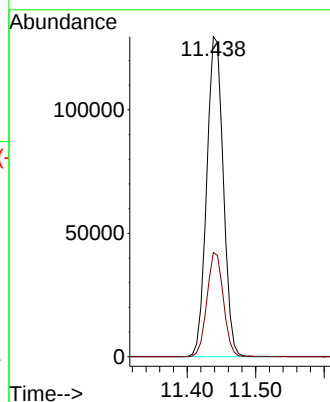
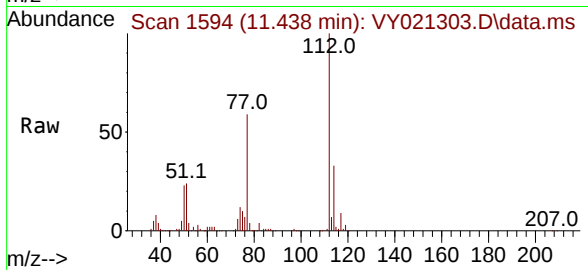




#65
Chlorobenzene
Concen: 57.061 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

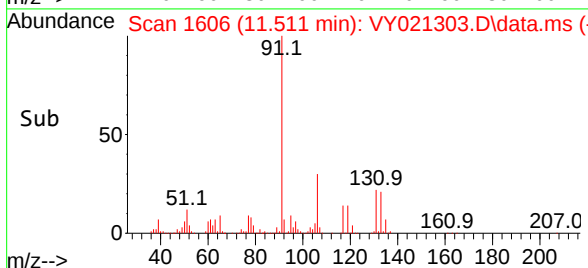
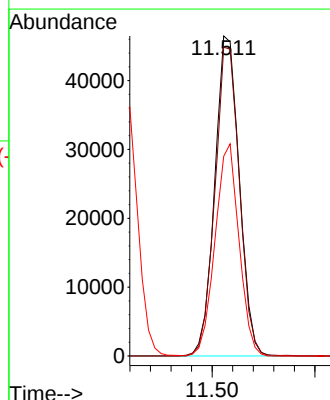
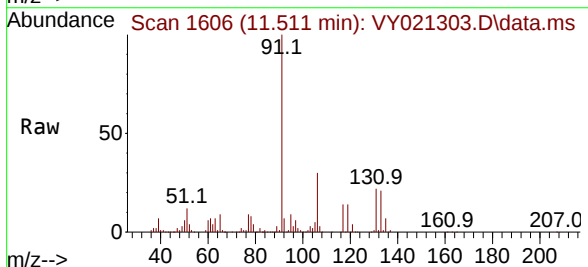
Instrument :
MSVOA_Y
ClientSampleId :

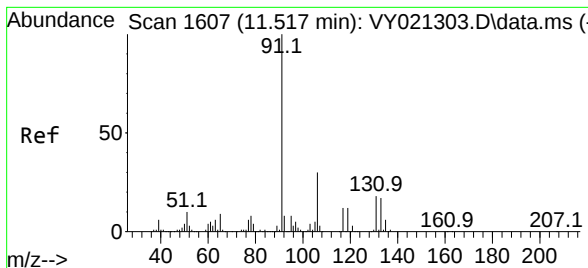
Tgt Ion:112 Resp: 217985
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.751 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion:131 Resp: 76884
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 58.382 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

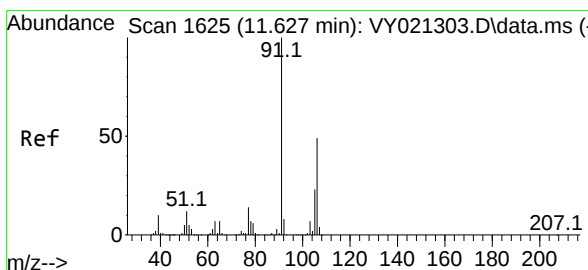
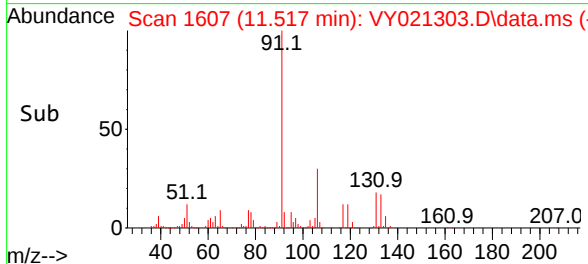
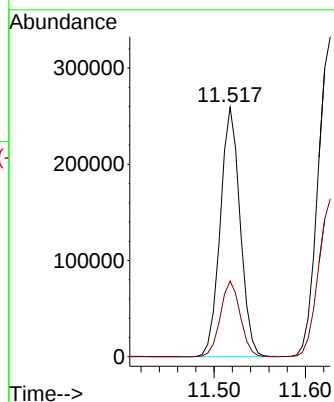
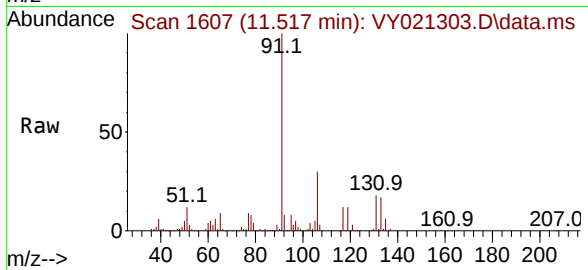
ClientSampleId :

Tgt Ion: 91 Resp: 390950

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#68

m/p-Xylenes

Concen: 118.387 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021303.D

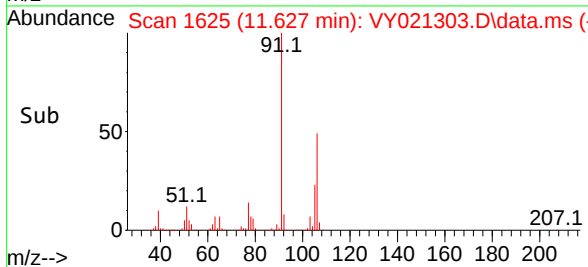
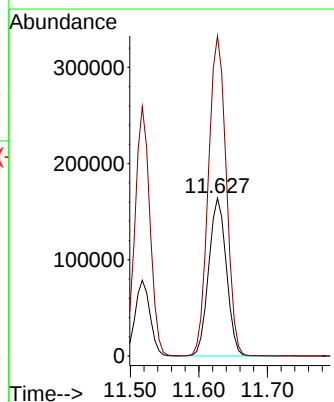
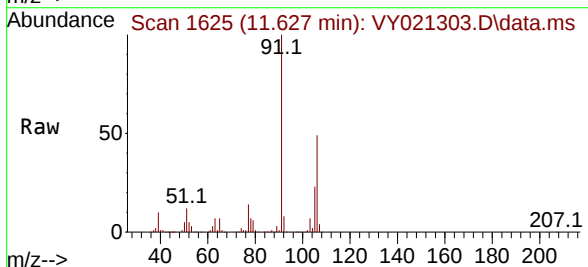
Acq: 24 Feb 2025 16:14

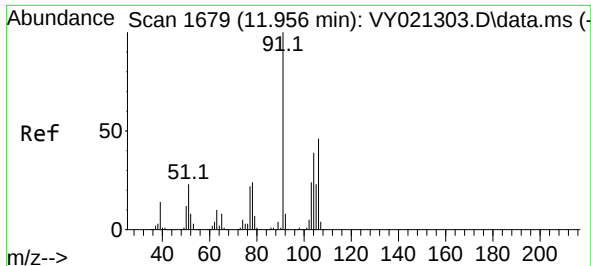
Tgt Ion:106 Resp: 293978

Ion Ratio Lower Upper

106 100

91 205.0 164.0 246.0





#69

o-Xylene

Concen: 57.734 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

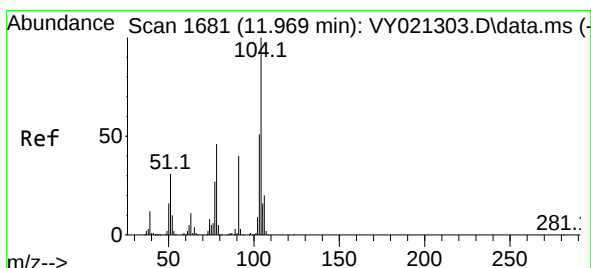
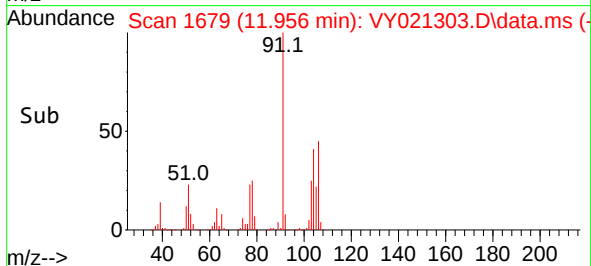
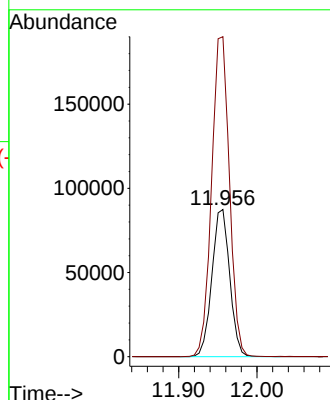
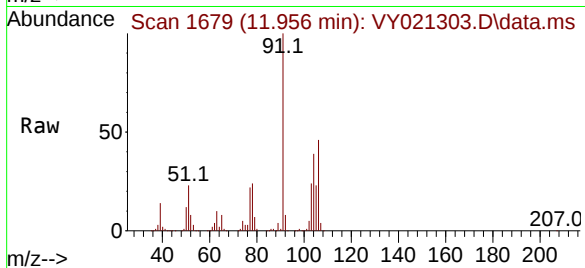
ClientSampleId :

Tgt Ion:106 Resp: 137907

Ion Ratio Lower Upper

106 100

91 217.6 108.8 326.4



#70

Styrene

Concen: 58.270 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

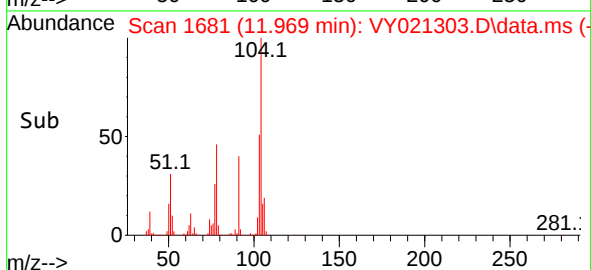
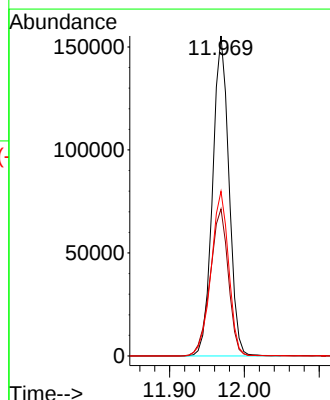
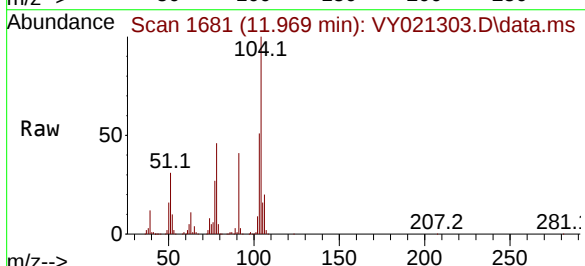
Tgt Ion:104 Resp: 236076

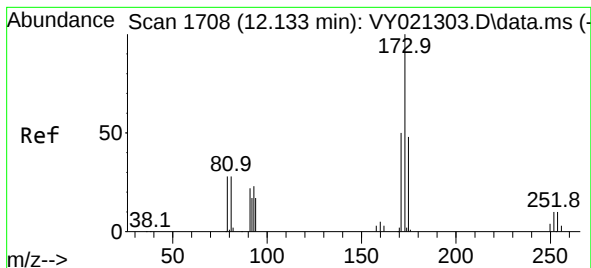
Ion Ratio Lower Upper

104 100

78 51.3 41.0 61.6

103 55.3 44.2 66.4





#71

Bromoform

Concen: 52.900 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021303.D

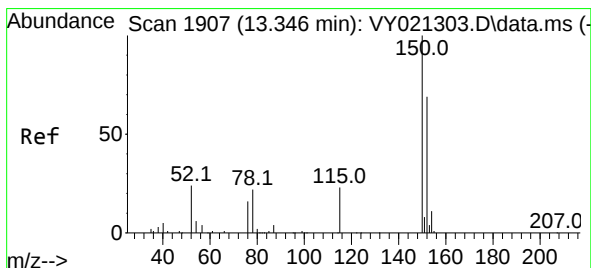
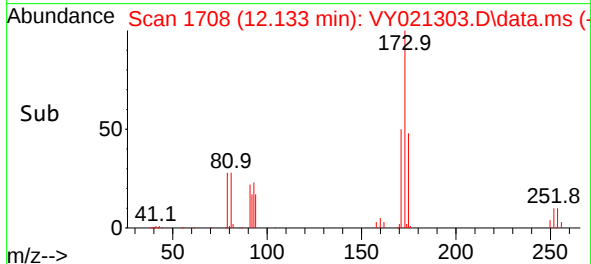
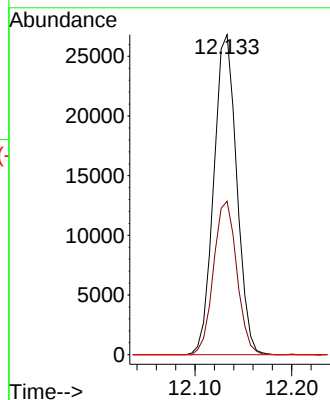
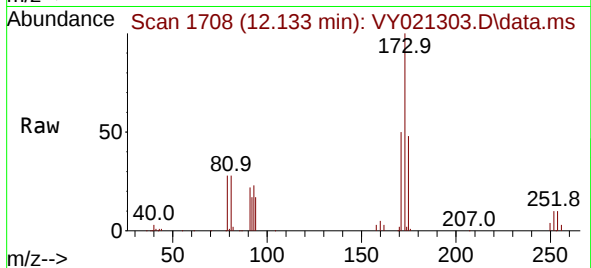
Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	44118
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.4 73.2
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

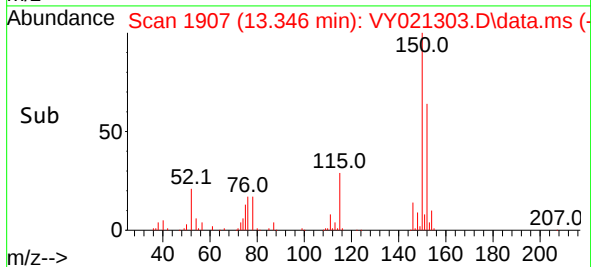
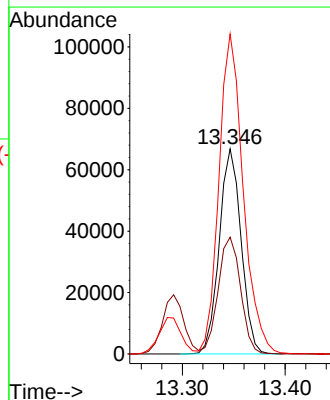
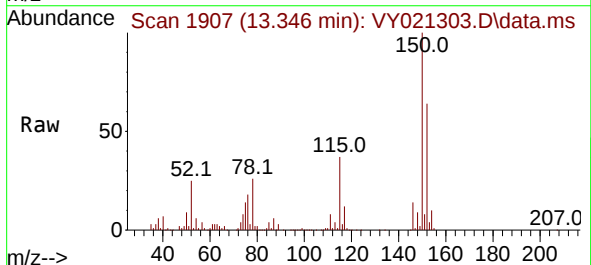
RT: 13.346 min Scan# 1907

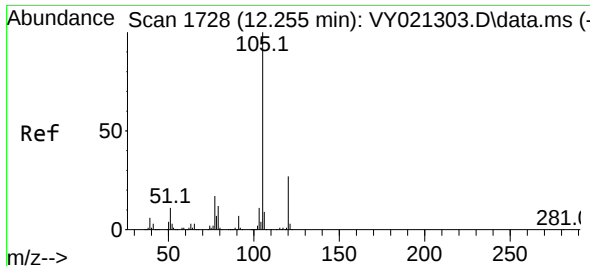
Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Tgt Ion:152	Resp:	98657
Ion Ratio	Lower	Upper
152	100	
115	58.1	29.0 87.1
150	172.9	0.0 345.8

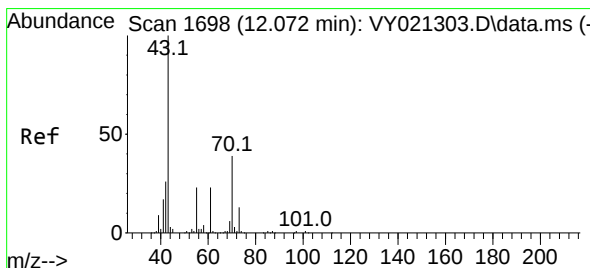
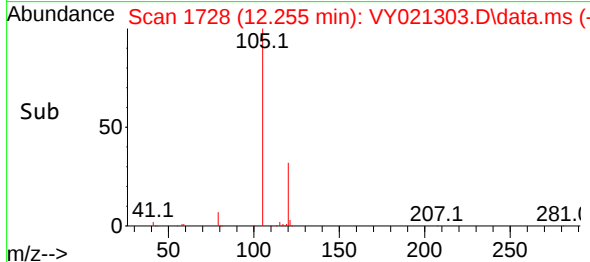
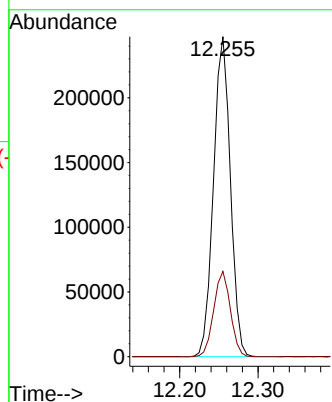
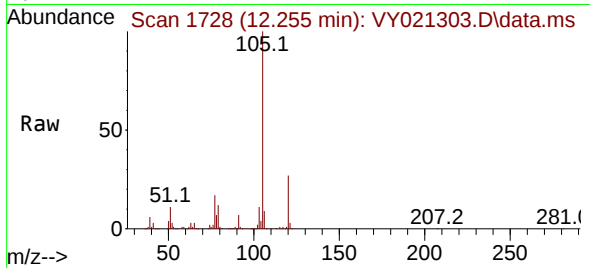




#73
Isopropylbenzene
Concen: 55.523 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

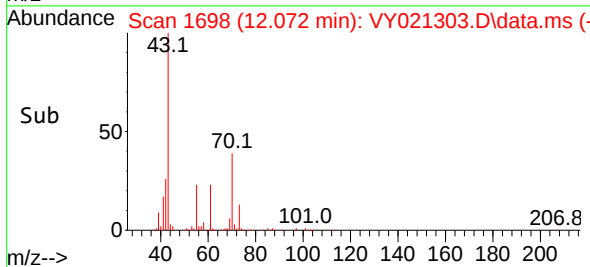
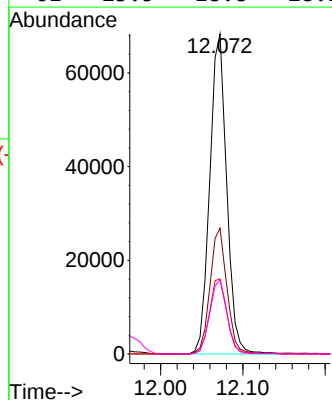
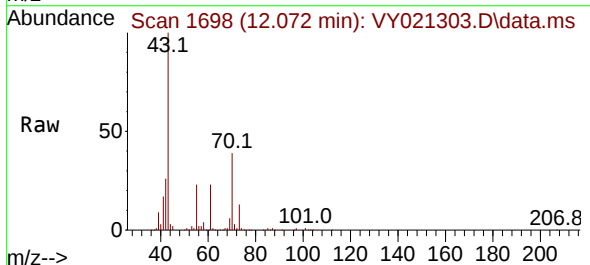
Instrument :
MSVOA_Y
ClientSampleId :

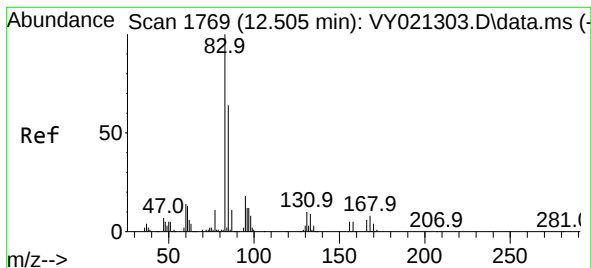
Tgt Ion:105 Resp: 370013
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 55.559 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion: 43 Resp: 97828
Ion Ratio Lower Upper
43 100
70 39.3 31.4 47.2
55 24.4 19.5 29.3
61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.505 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

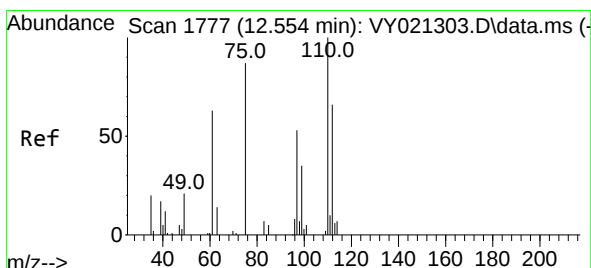
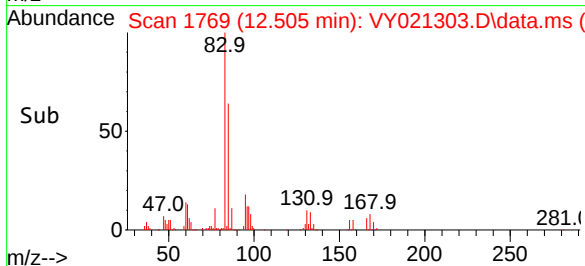
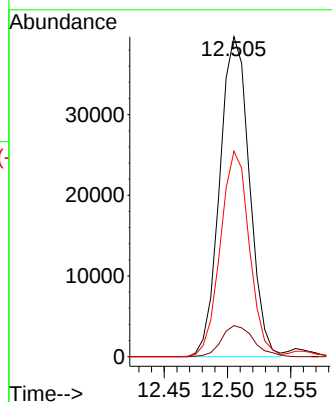
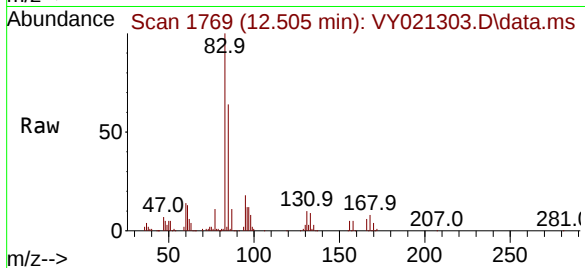
Tgt Ion: 83 Resp: 64644

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 62.6 31.3 93.9



#76

1,2,3-Trichloropropane

Concen: 94.517 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021303.D

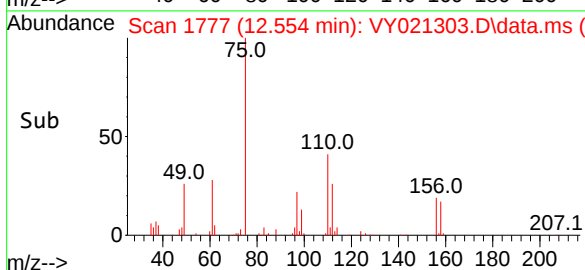
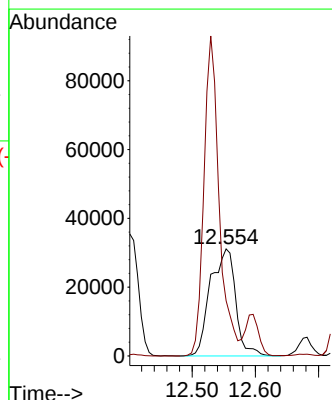
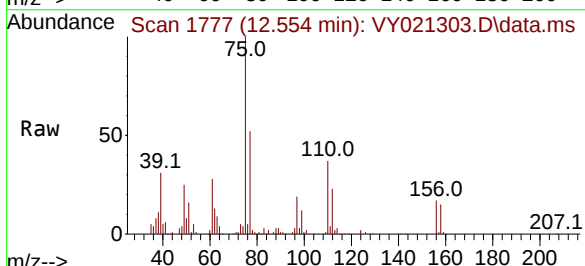
Acq: 24 Feb 2025 16:14

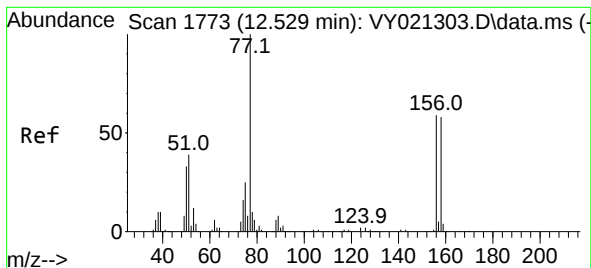
Tgt Ion: 75 Resp: 86340

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.313 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

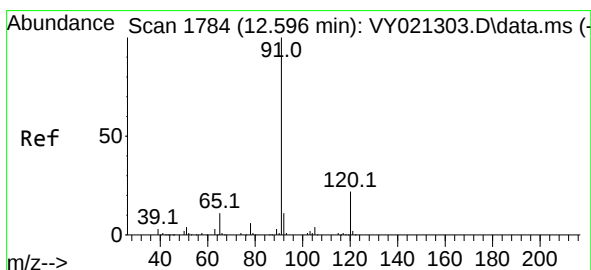
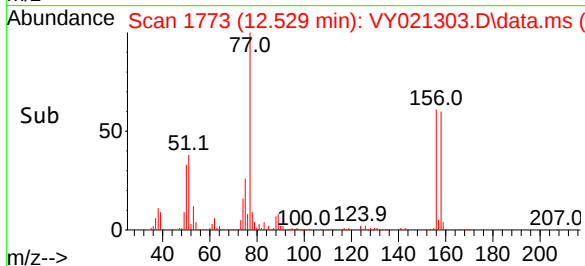
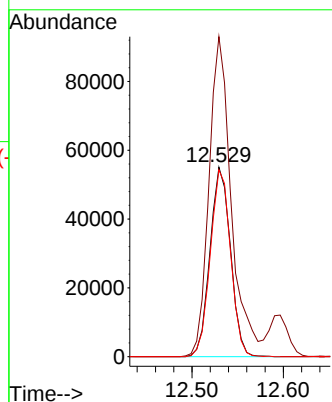
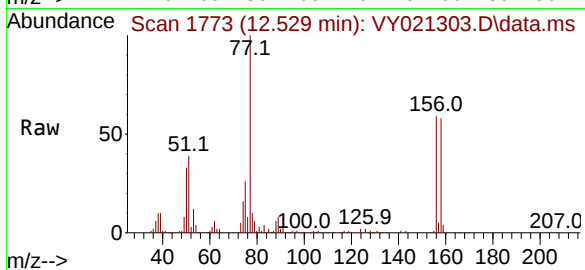
Tgt Ion:156 Resp: 85857

Ion Ratio Lower Upper

156 100

77 182.4 91.2 273.6

158 97.5 48.8 146.3



#78

n-propylbenzene

Concen: 56.115 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021303.D

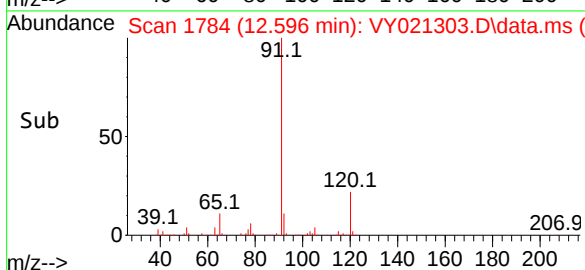
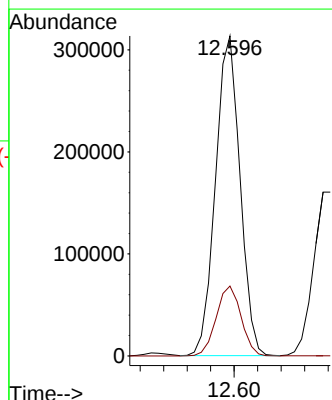
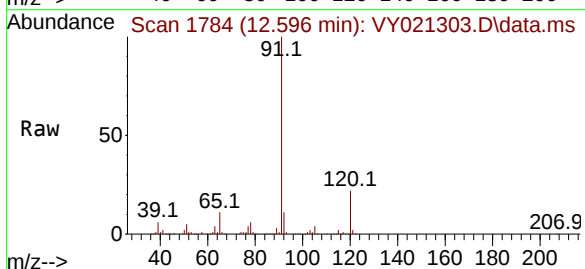
Acq: 24 Feb 2025 16:14

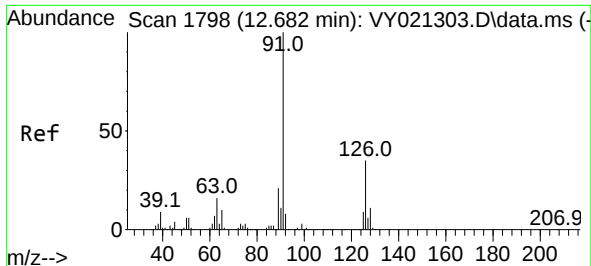
Tgt Ion: 91 Resp: 454288

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3

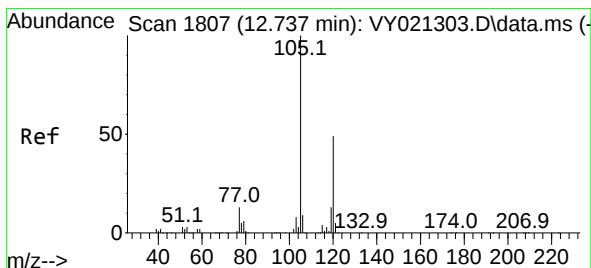
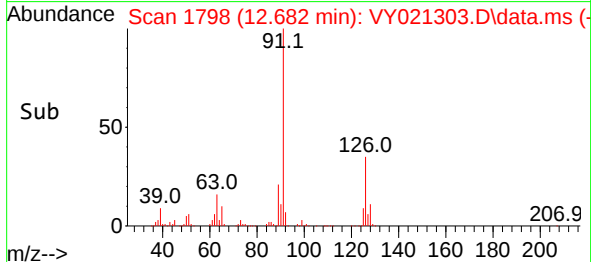
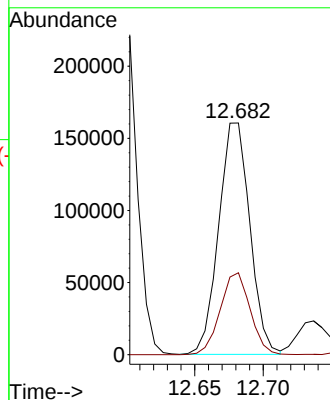
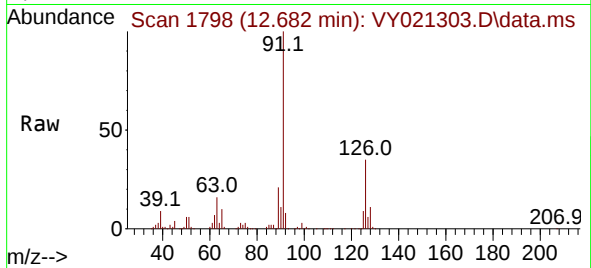




#79
2-Chlorotoluene
Concen: 54.660 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

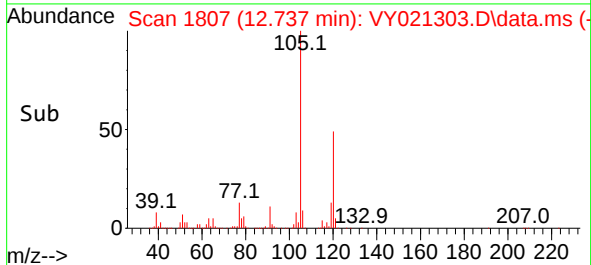
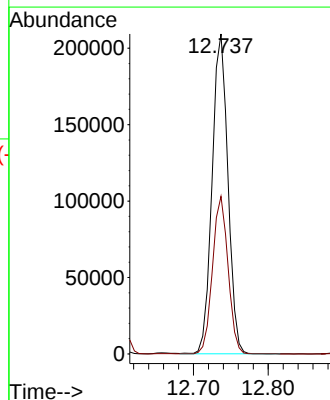
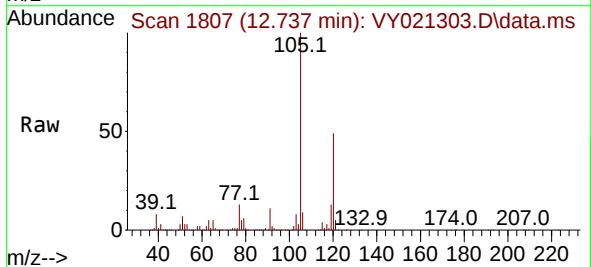
Instrument :
MSVOA_Y
ClientSampleId :

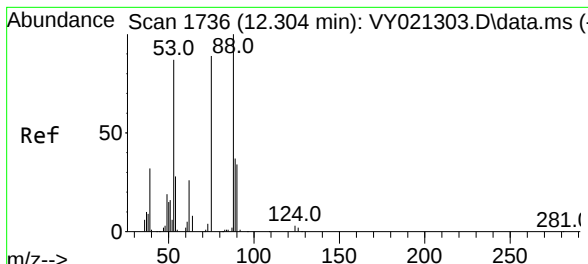
Tgt Ion: 91 Resp: 254559
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 56.061 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021303.D
Acq: 24 Feb 2025 16:14

Tgt Ion:105 Resp: 307333
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

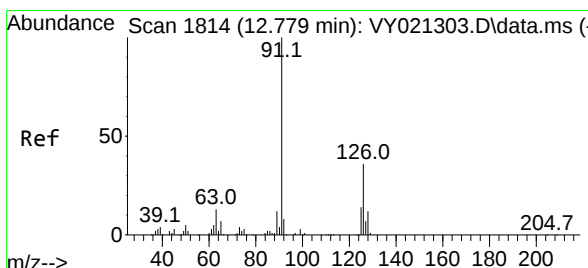
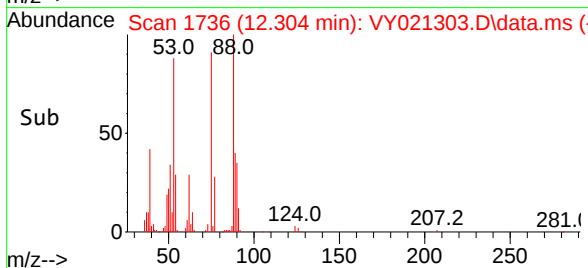
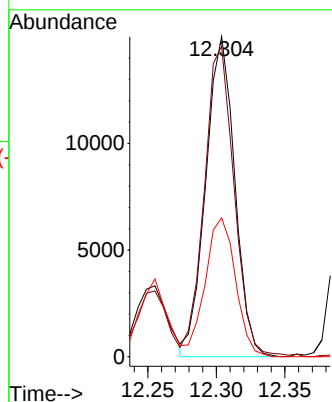
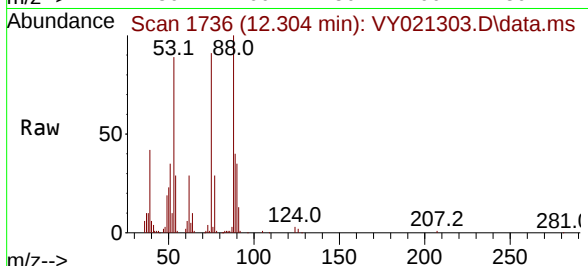




#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.602 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

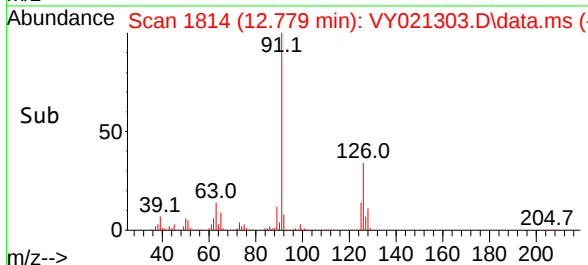
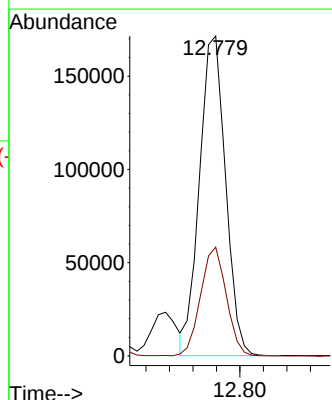
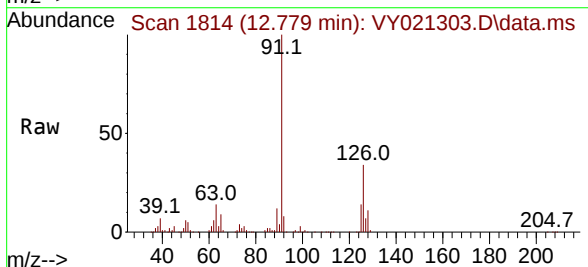
Instrument :
 MSVOA_Y
 ClientSampleId :

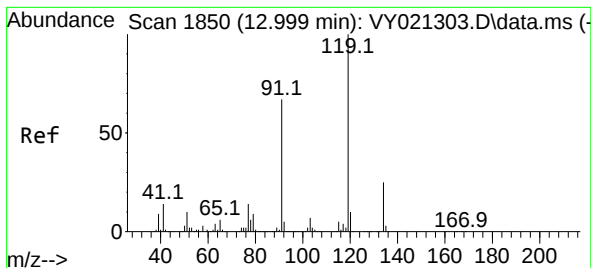
Tgt Ion:	75	Resp:	22092
Ion	Ratio	Lower	Upper
75	100		
53	99.8	79.8	119.8
89	45.5	36.4	54.6



#82
 4-Chlorotoluene
 Concen: 54.626 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

Tgt Ion:	91	Resp:	264590
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.9	50.6





#83

tert-Butylbenzene

Concen: 54.392 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

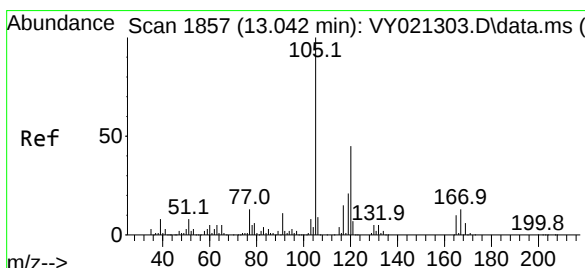
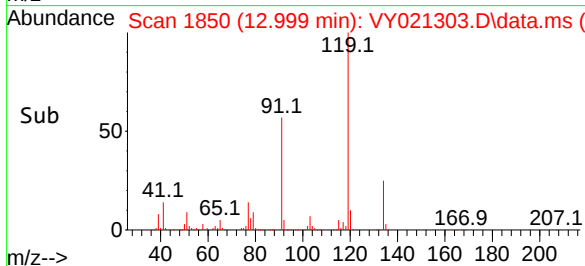
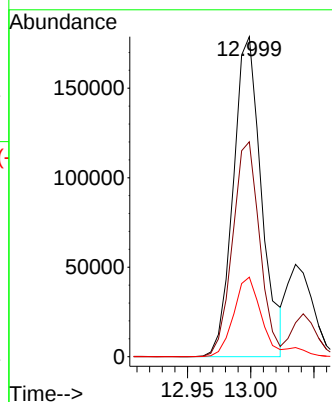
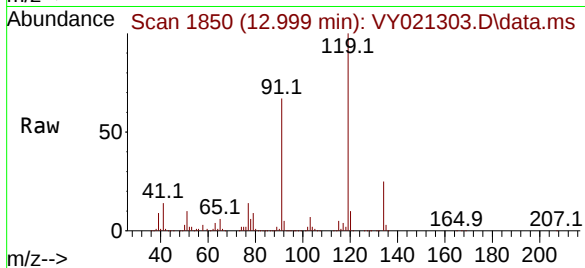
Tgt Ion:119 Resp: 277438

Ion Ratio Lower Upper

119 100

91 64.8 32.4 97.2

134 26.1 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 56.247 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021303.D

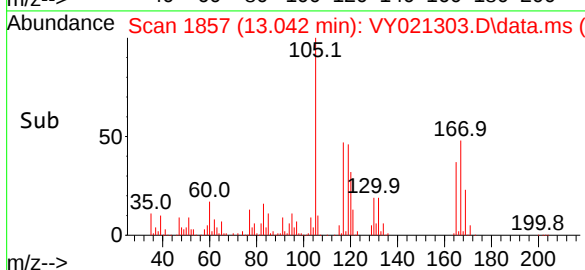
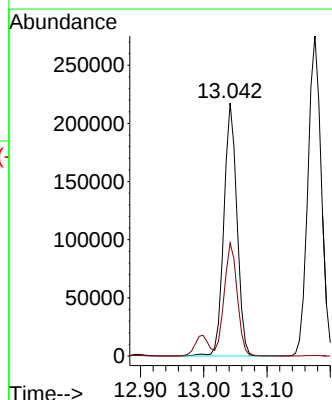
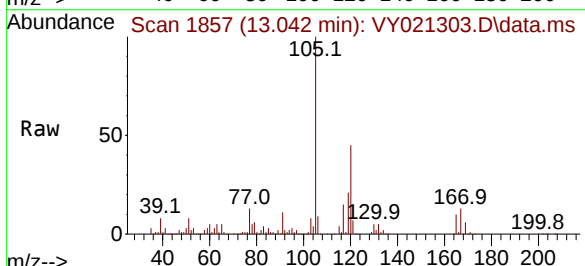
Acq: 24 Feb 2025 16:14

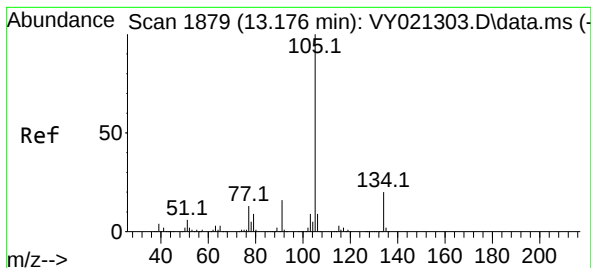
Tgt Ion:105 Resp: 310708

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 54.689 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

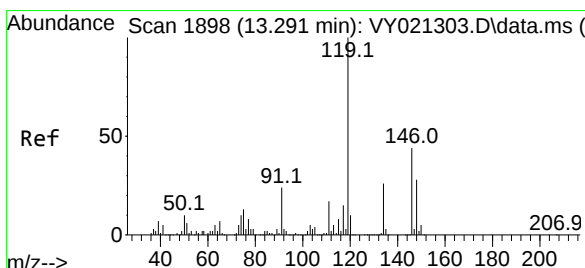
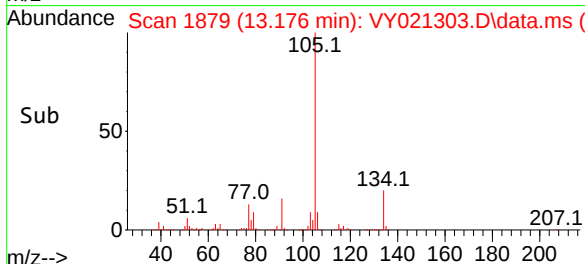
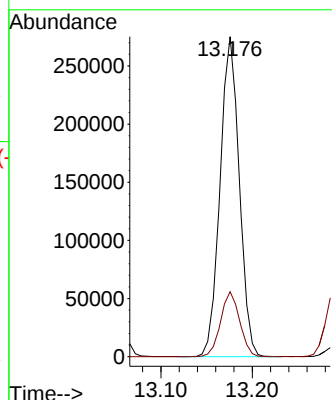
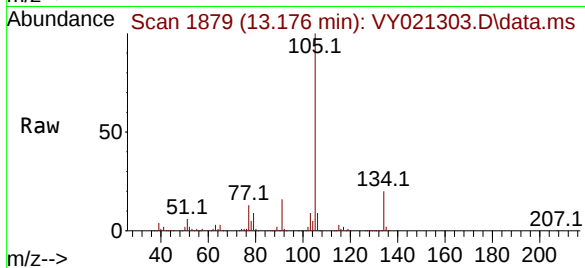
ClientSampleId :

Tgt Ion:105 Resp: 402145

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 55.044 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

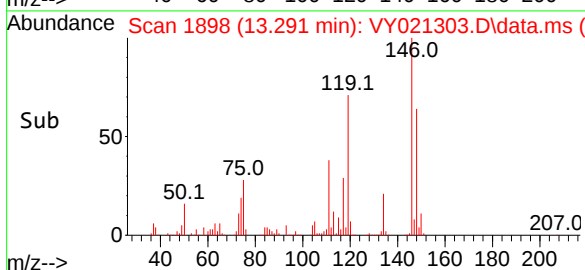
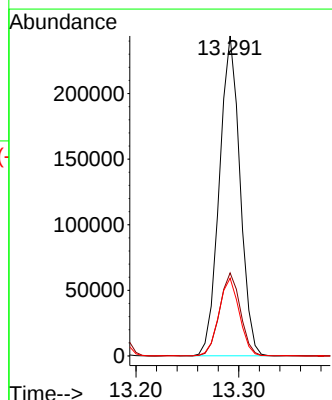
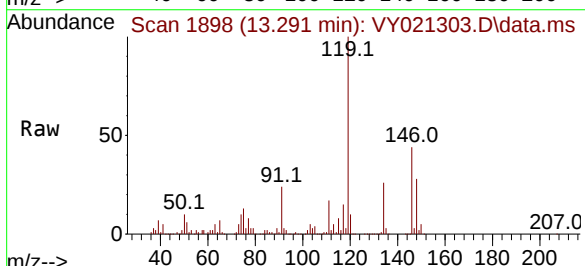
Tgt Ion:119 Resp: 338708

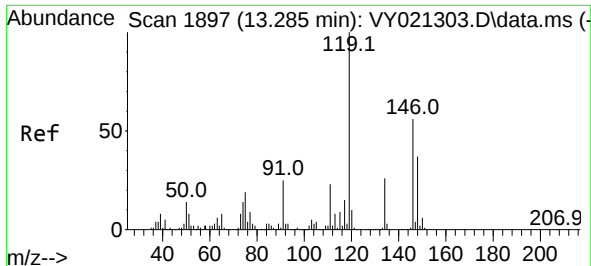
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.0 12.0 36.0

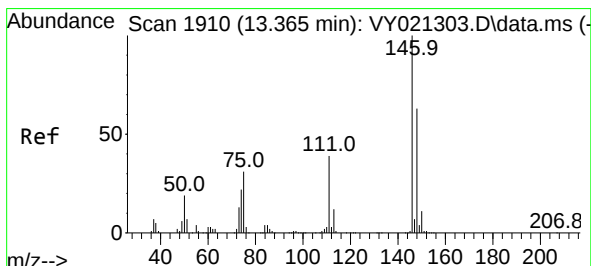
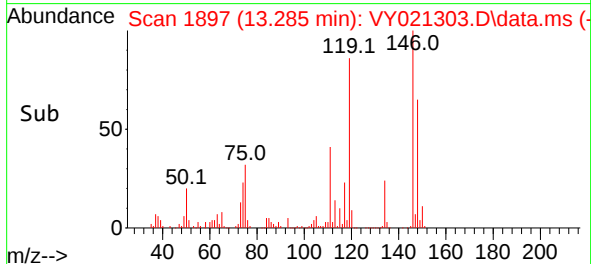
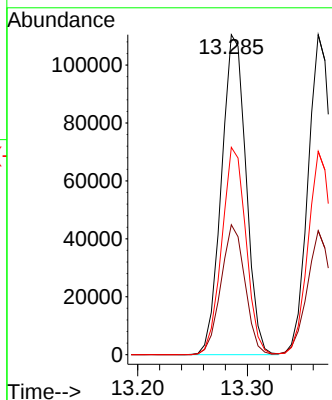
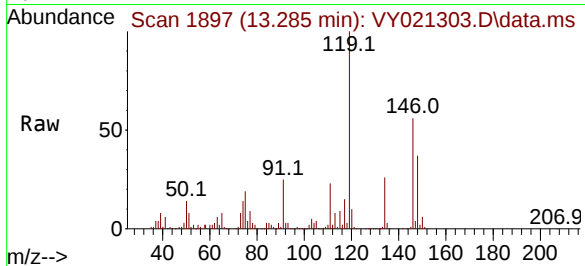




#87
 1,3-Dichlorobenzene
 Concen: 53.506 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

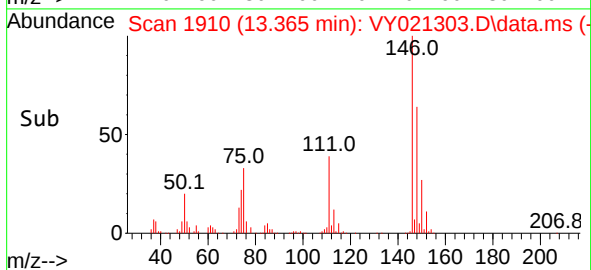
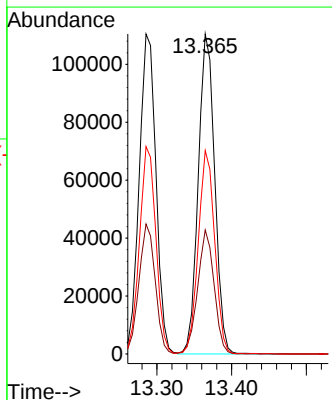
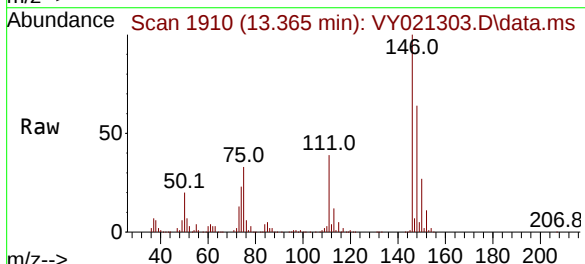
Instrument :
 MSVOA_Y
 ClientSampleId :

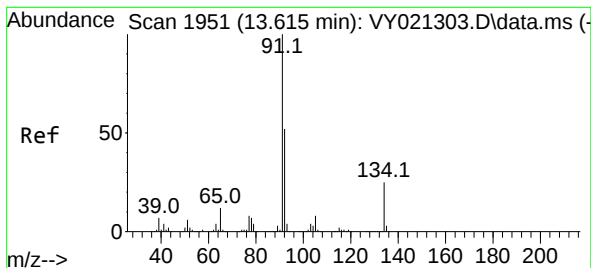
Tgt Ion:146 Resp: 172230
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.282 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

Tgt Ion:146 Resp: 169166
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 55.124 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

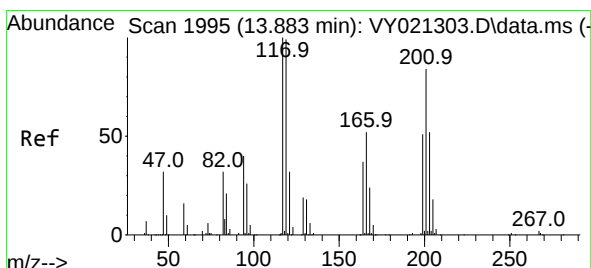
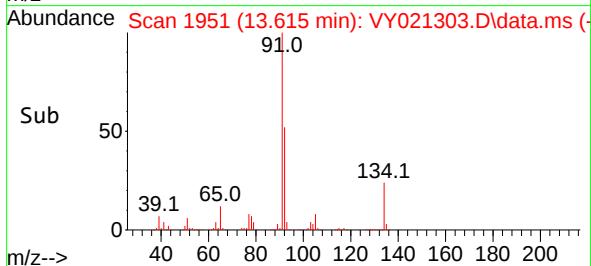
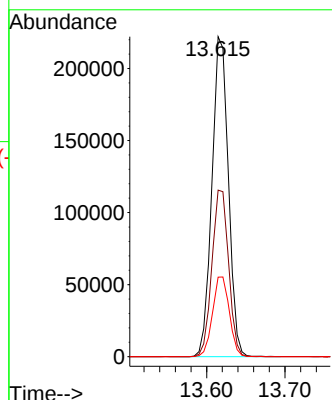
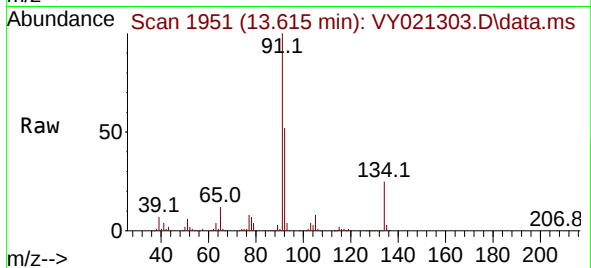
Tgt Ion: 91 Resp: 323424

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 25.5 12.8 38.3



#90

Hexachloroethane

Concen: 52.595 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021303.D

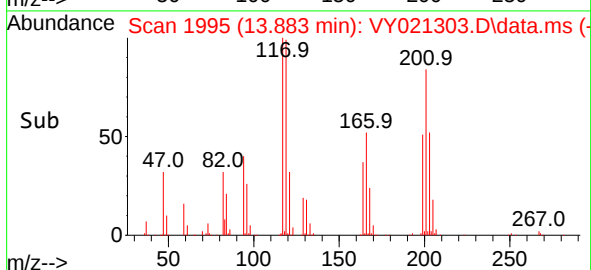
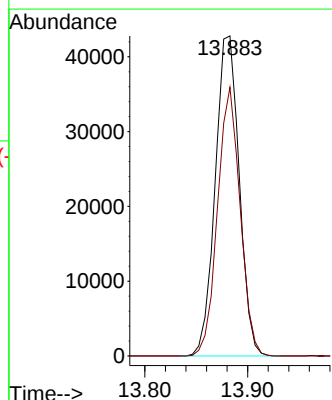
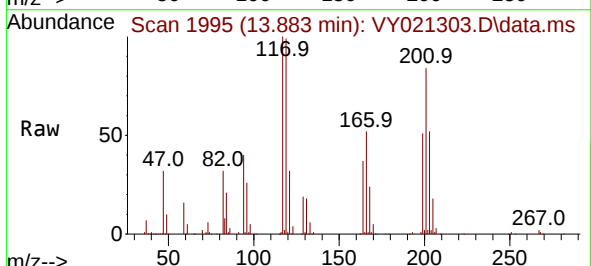
Acq: 24 Feb 2025 16:14

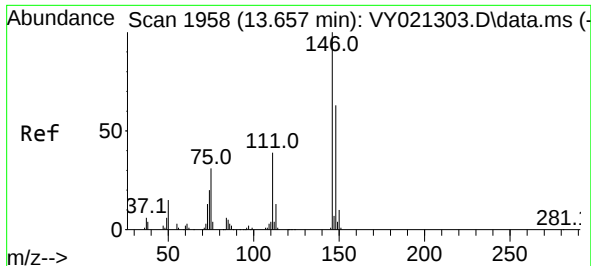
Tgt Ion: 117 Resp: 69390

Ion Ratio Lower Upper

117 100

201 78.9 39.5 118.3

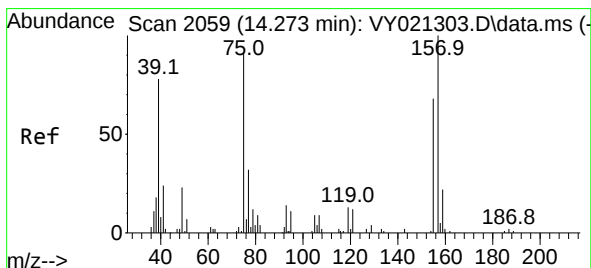
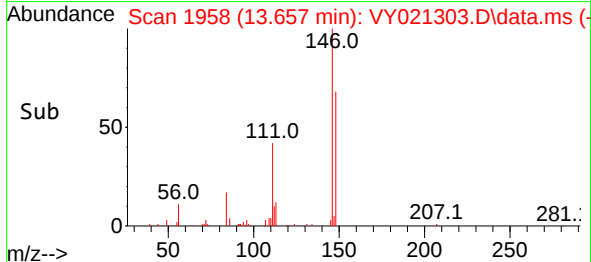
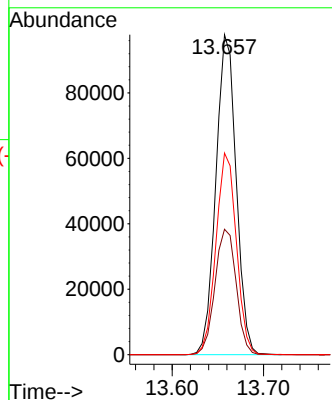
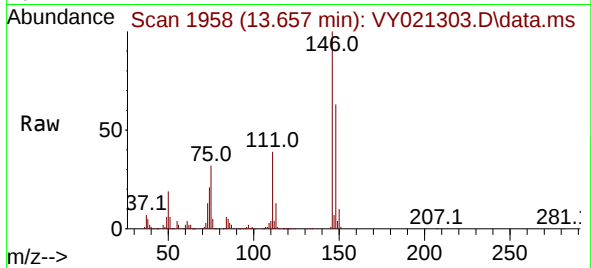




#91
 1,2-Dichlorobenzene
 Concen: 53.183 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

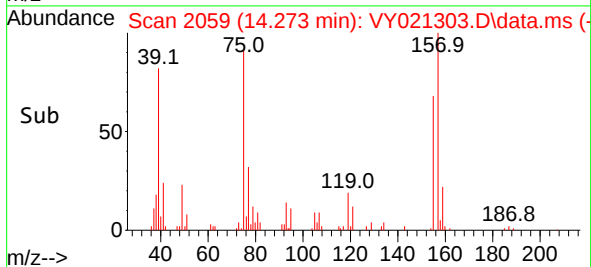
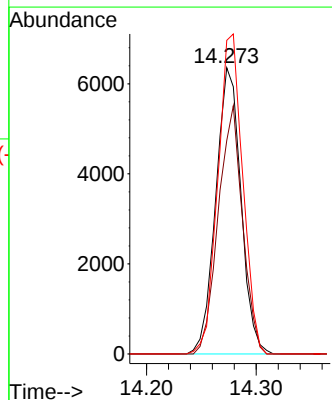
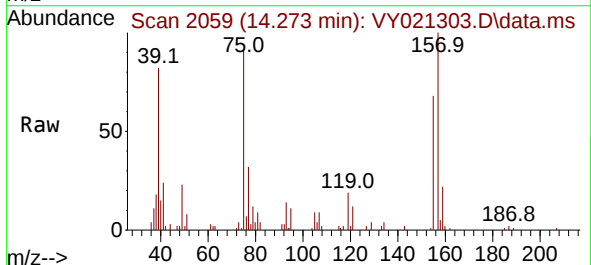
Instrument :
 MSVOA_Y
 ClientSampleId :

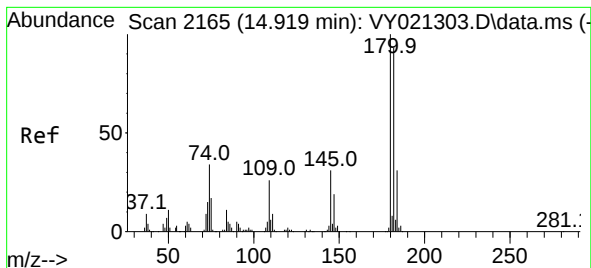
Tgt Ion:146 Resp: 150994
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.259 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021303.D
 Acq: 24 Feb 2025 16:14

Tgt Ion: 75 Resp: 10132
 Ion Ratio Lower Upper
 75 100
 155 83.5 41.8 125.3
 157 110.6 55.3 165.9





#93

1,2,4-Trichlorobenzene

Concen: 55.334 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

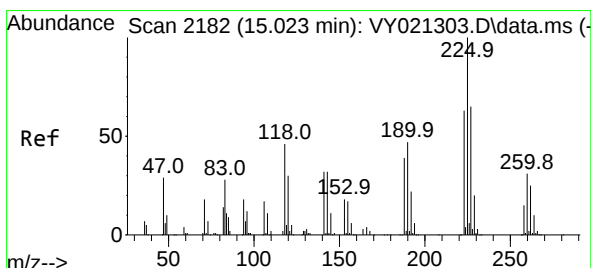
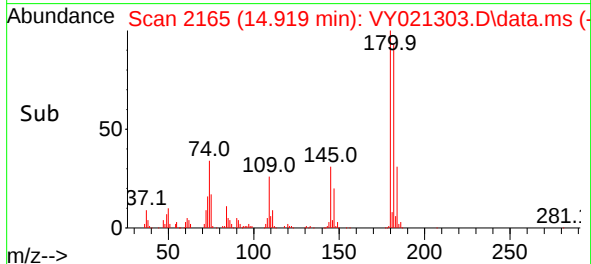
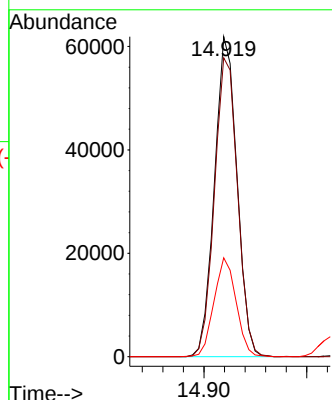
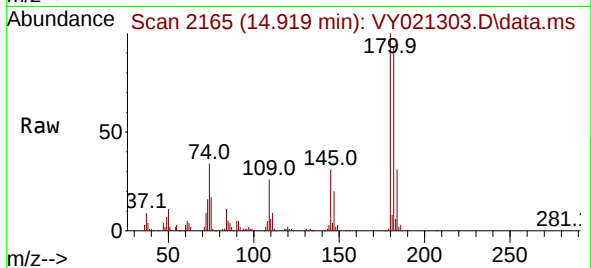
Tgt Ion:180 Resp: 94025

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 30.4 15.2 45.6



#94

Hexachlorobutadiene

Concen: 52.437 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

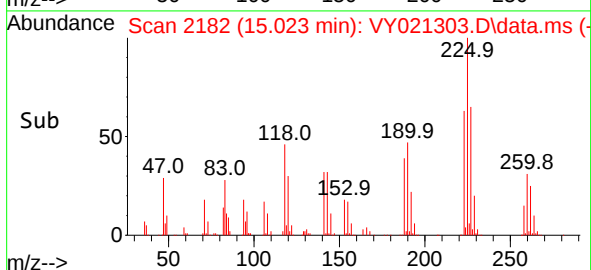
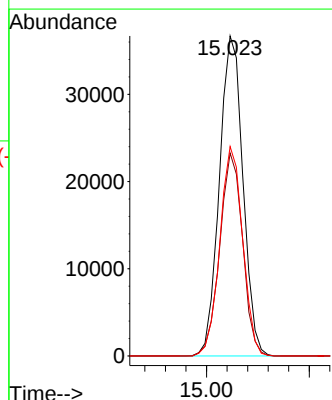
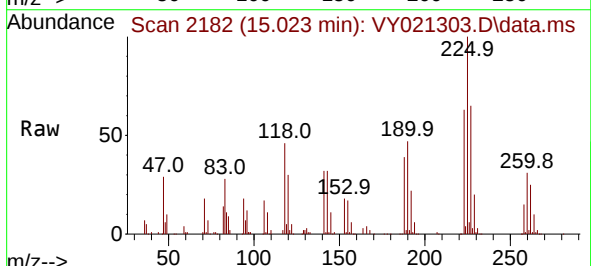
Tgt Ion:225 Resp: 58223

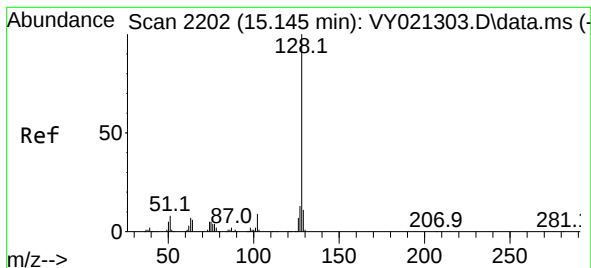
Ion Ratio Lower Upper

225 100

223 61.4 30.7 92.1

227 63.5 31.8 95.3





#95

Naphthalene

Concen: 57.588 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

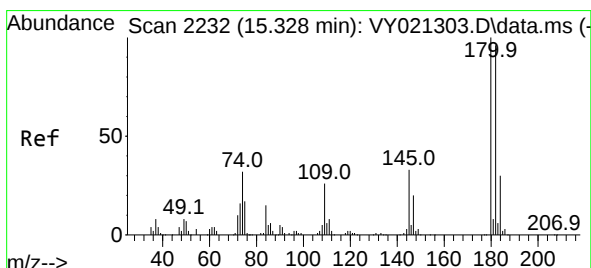
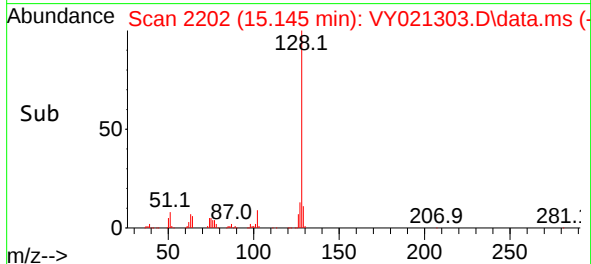
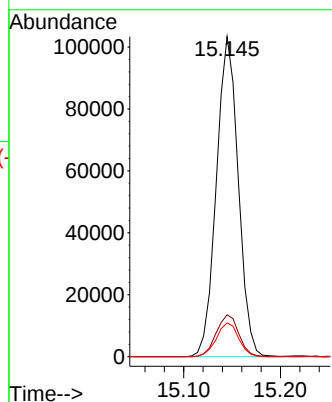
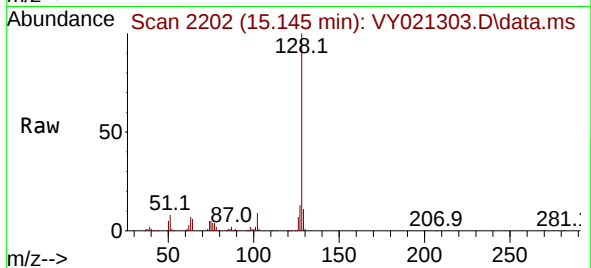
Tgt Ion:128 Resp: 162250

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.998 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021303.D

Acq: 24 Feb 2025 16:14

Tgt Ion:180 Resp: 81694

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 32.3 16.2 48.5

