

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021938.D
 Acq On : 21 Apr 2025 10:41
 Operator : SY/MD
 Sample : VY0421SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Quant Time: Apr 22 02:43:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	184070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	287552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	100790	50.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.634	113	96856	51.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.860%	
50) Toluene-d8	10.103	98	363518	51.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.408	95	123704	51.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	32394	16.979	ug/l	97
3) Chloromethane	2.068	50	50522	18.833	ug/l	99
4) Vinyl Chloride	2.202	62	55965	18.447	ug/l	97
5) Bromomethane	2.586	94	41971	20.283	ug/l	93
6) Chloroethane	2.733	64	37510	18.894	ug/l	95
7) Trichlorofluoromethane	3.056	101	72971	18.776	ug/l	99
8) Diethyl Ether	3.452	74	20104	19.022	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	38813	18.935	ug/l	96
10) Methyl Iodide	4.001	142	41463	18.438	ug/l	100
11) Tert butyl alcohol	4.866	59	12393	95.671	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	36226	18.763	ug/l	92
13) Acrolein	3.653	56	8171	34.545	ug/l	98
14) Allyl chloride	4.385	41	57136	18.561	ug/l	99
15) Acrylonitrile	5.055	53	45221	102.473	ug/l	98
16) Acetone	3.866	43	39229	96.111	ug/l	98
17) Carbon Disulfide	4.098	76	109809	17.268	ug/l	100
18) Methyl Acetate	4.385	43	25467	25.175	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	93476	19.446	ug/l	98
20) Methylene Chloride	4.616	84	44779	20.108	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	41282	19.420	ug/l	96
22) Diisopropyl ether	6.019	45	130558	20.218	ug/l	97
23) Vinyl Acetate	5.958	43	347021	91.860	ug/l	97
24) 1,1-Dichloroethane	5.915	63	78896	20.432	ug/l	97
25) 2-Butanone	6.896	43	56743	97.332	ug/l	95
26) 2,2-Dichloropropane	6.878	77	68052	19.813	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	48008	20.082	ug/l	98
28) Bromochloromethane	7.244	49	33682	20.683	ug/l	97
29) Tetrahydrofuran	7.262	42	36657	97.699	ug/l	99
30) Chloroform	7.421	83	82100	20.442	ug/l	100
31) Cyclohexane	7.701	56	60265	17.121	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	72317	19.923	ug/l	99
36) 1,1-Dichloropropene	7.835	75	54350	19.130	ug/l	98
37) Ethyl Acetate	6.982	43	26109	19.472	ug/l	100
38) Carbon Tetrachloride	7.817	117	65041	19.987	ug/l	99
39) Methylcyclohexane	9.109	83	58586	17.261	ug/l	98
40) Benzene	8.079	78	172193	20.238	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	13327	18.715	ug/l #	100
42) 1,2-Dichloroethane	8.152	62	48744	20.321	ug/l	98
43) Isopropyl Acetate	8.195	43	50459	19.858	ug/l	100
44) Trichloroethene	8.866	130	44112	20.348	ug/l	97
45) 1,2-Dichloropropane	9.140	63	41044	20.379	ug/l	94
46) Dibromomethane	9.231	93	23846	20.544	ug/l	98
47) Bromodichloromethane	9.420	83	62196	20.679	ug/l	98
48) Methyl methacrylate	9.219	41	22425	19.229	ug/l	99
49) 1,4-Dioxane	9.231	88	5044	405.650	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	136330	103.097	ug/l	100
52) Toluene	10.170	92	109601	20.646	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	52802	19.765	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	62311	19.771	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	32667	21.870	ug/l	98
56) Ethyl methacrylate	10.438	69	37030	19.415	ug/l	98
57) 1,3-Dichloropropane	10.713	76	53694	20.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	100110	107.593	ug/l	100
59) 2-Hexanone	10.762	43	88016	99.943	ug/l	99
60) Dibromochloromethane	10.908	129	43098	21.133	ug/l	98
61) 1,2-Dibromoethane	11.012	107	29375	20.964	ug/l	99
64) Tetrachloroethene	10.646	164	52197	22.152	ug/l	96
65) Chlorobenzene	11.438	112	120728	20.356	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	43131	20.497	ug/l	97
67) Ethyl Benzene	11.518	91	196300	19.302	ug/l	97
68) m/p-Xylenes	11.627	106	156499	40.186	ug/l	98
69) o-Xylene	11.956	106	70690	19.665	ug/l	98
70) Styrene	11.969	104	119429	19.926	ug/l	100
71) Bromoform	12.127	173	25950	21.620	ug/l #	99
73) Isopropylbenzene	12.255	105	185545	18.318	ug/l	99
74) N-amyl acetate	12.066	43	42238	17.768	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	34540	18.966	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	47247	34.950	ug/l #	100
77) Bromobenzene	12.530	156	46905	19.287	ug/l	99
78) n-propylbenzene	12.597	91	228710	18.781	ug/l	99
79) 2-Chlorotoluene	12.676	91	134943	19.079	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	158146	19.103	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	11078	18.882	ug/l	97
82) 4-Chlorotoluene	12.773	91	142613	19.340	ug/l	99
83) tert-Butylbenzene	12.993	119	134989	18.307	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	160612	19.630	ug/l	99
85) sec-Butylbenzene	13.176	105	204114	18.942	ug/l	100
86) p-Isopropyltoluene	13.292	119	170280	19.119	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	97033	20.251	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	95456	20.164	ug/l	99
89) n-Butylbenzene	13.615	91	153578	18.646	ug/l	98
90) Hexachloroethane	13.877	117	36837	18.875	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	83956	20.128	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5779	20.474	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	44388	19.624	ug/l	100
94) Hexachlorobutadiene	15.023	225	29102	20.601	ug/l	97
95) Naphthalene	15.145	128	70308	18.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39508	20.483	ug/l	99

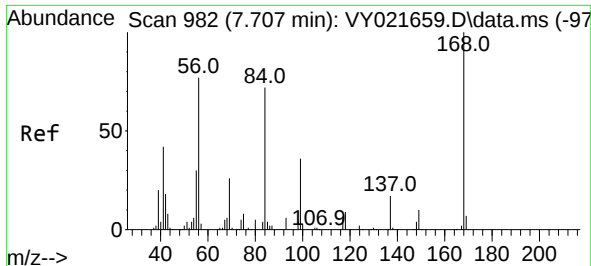
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
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Response via : Initial Calibration

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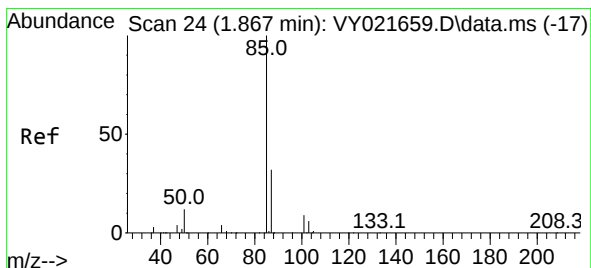
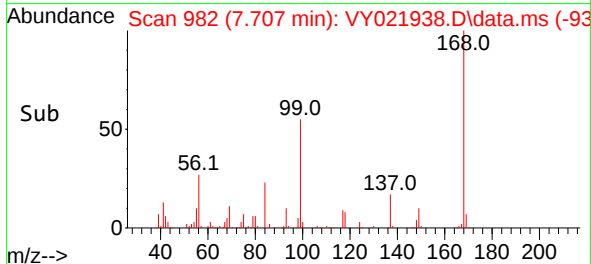
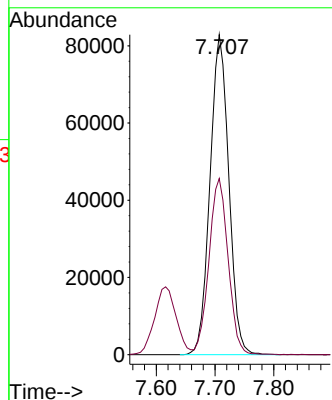
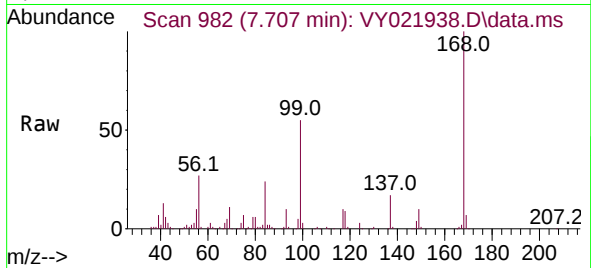
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

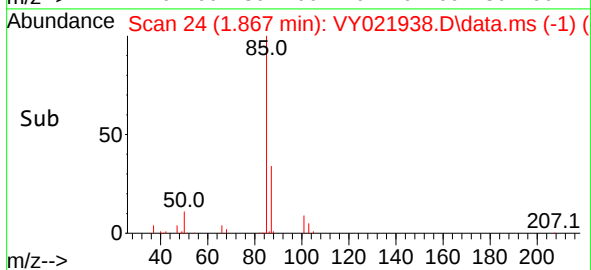
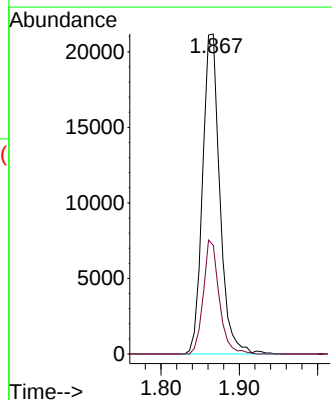
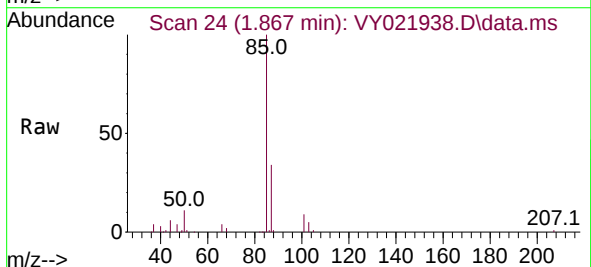
Instrument :
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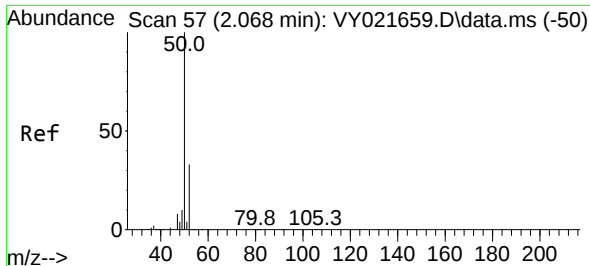
Tgt Ion:168 Resp: 184070
Ion Ratio Lower Upper
168 100
99 55.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 16.979 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 85 Resp: 32394
Ion Ratio Lower Upper
85 100
87 34.0 16.2 48.6

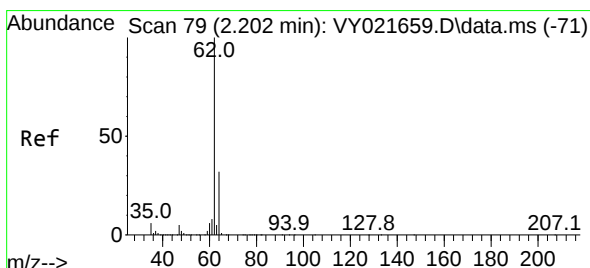
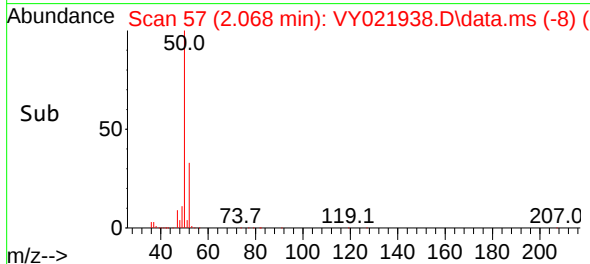
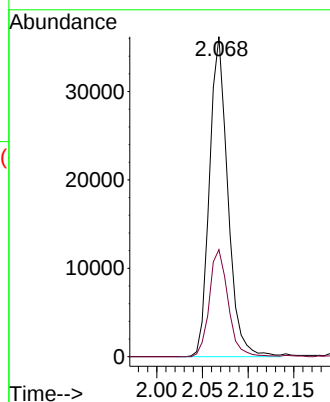
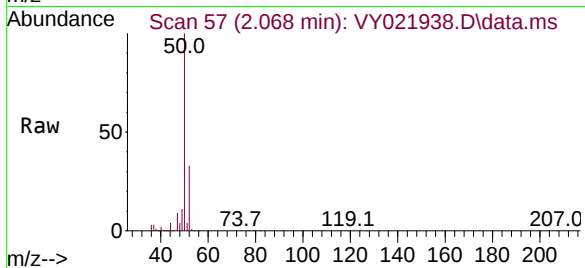




#3
Chloromethane
Concen: 18.833 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

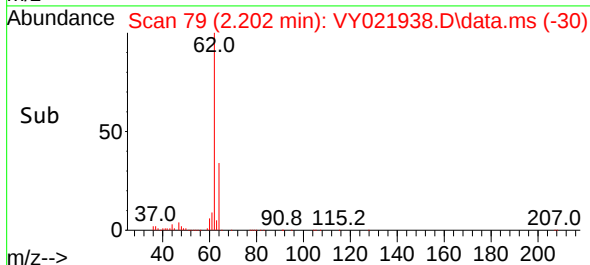
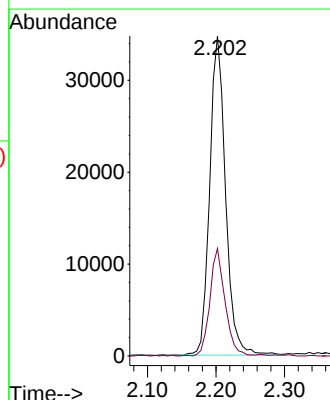
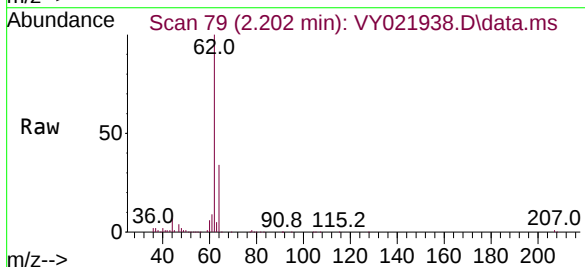
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

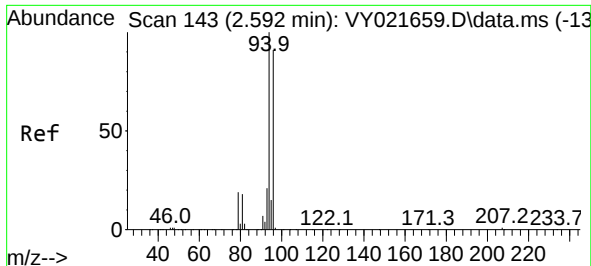
Tgt Ion: 50 Resp: 50522
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5



#4
Vinyl Chloride
Concen: 18.447 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 62 Resp: 55965
Ion Ratio Lower Upper
62 100
64 33.7 25.5 38.3

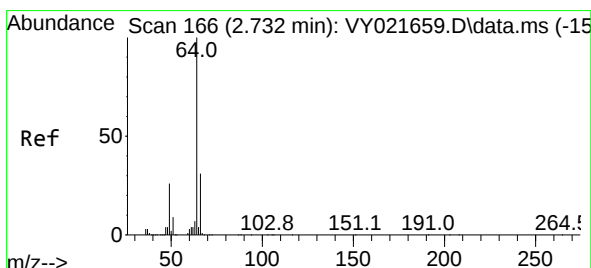
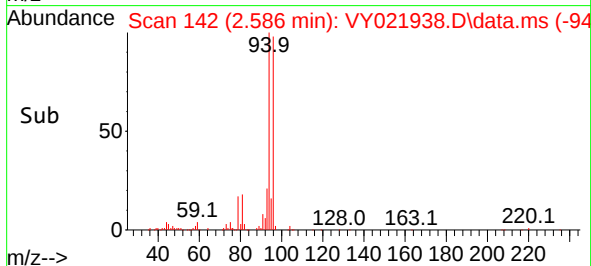
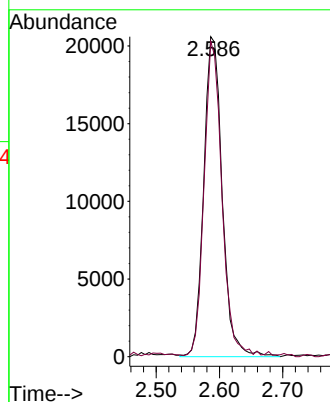
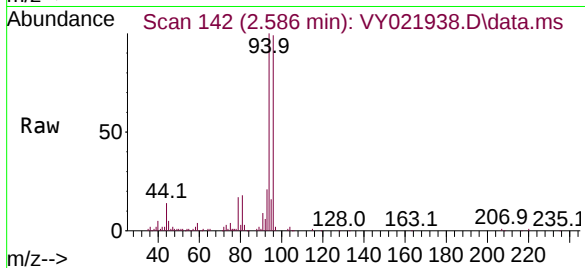




#5
Bromomethane
Concen: 20.283 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

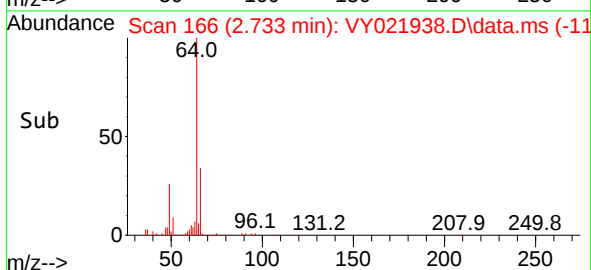
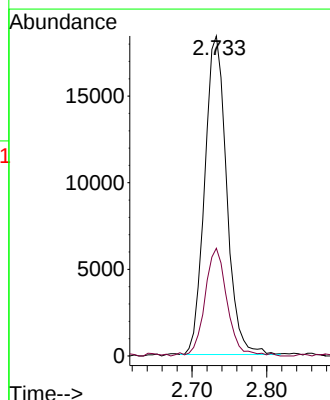
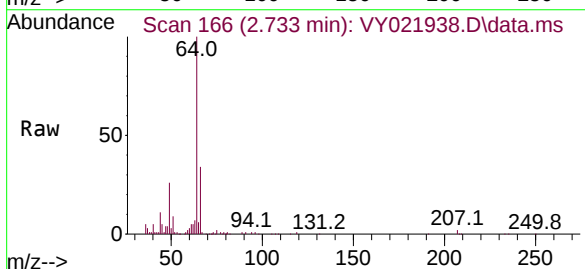
Instrument :
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Tgt Ion: 94 Resp: 41971
Ion Ratio Lower Upper
94 100
96 98.0 72.8 109.2



#6
Chloroethane
Concen: 18.894 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 64 Resp: 37510
Ion Ratio Lower Upper
64 100
66 33.8 24.9 37.3

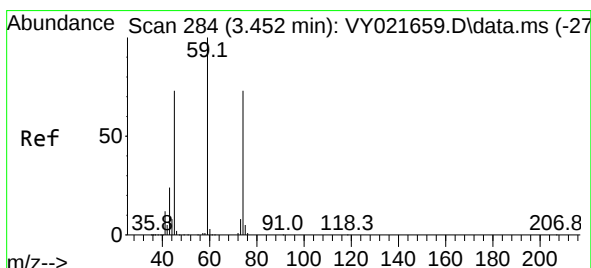
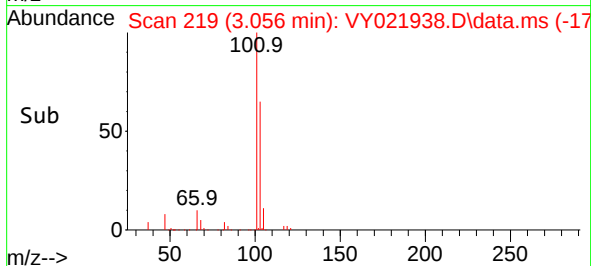
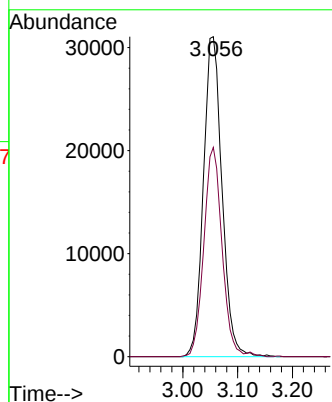
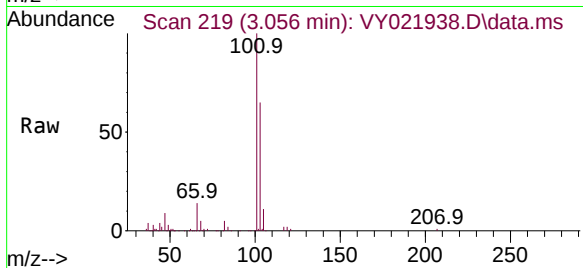




#7
 Trichlorofluoromethane
 Concen: 18.776 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

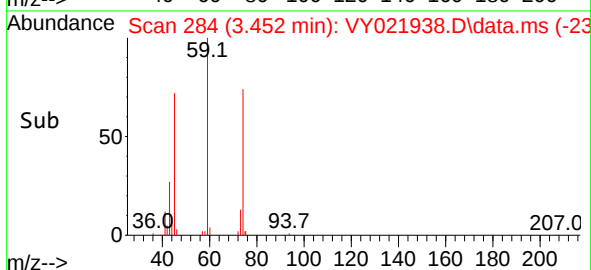
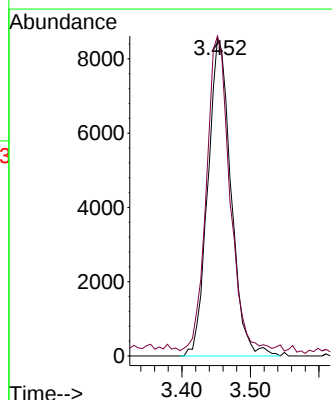
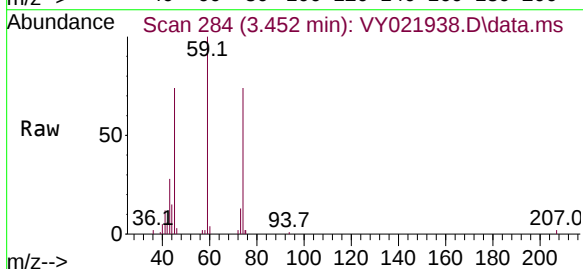
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBSD01

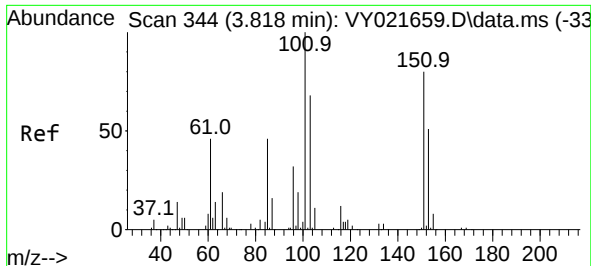
Tgt Ion:101 Resp: 72971
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.022 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

Tgt Ion: 74 Resp: 20104
 Ion Ratio Lower Upper
 74 100
 45 99.4 48.6 145.8

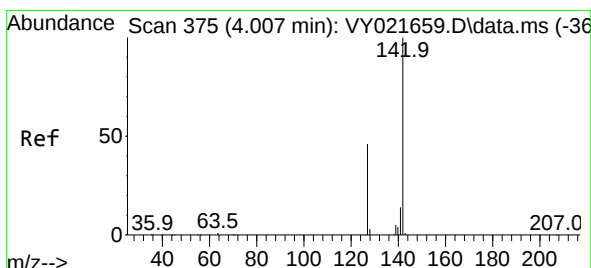
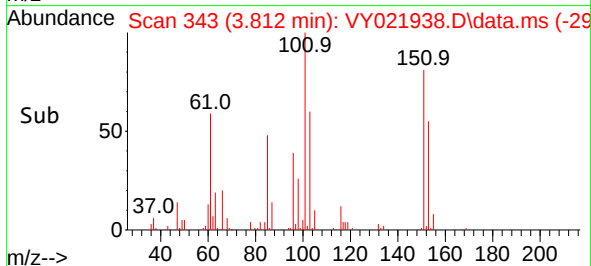
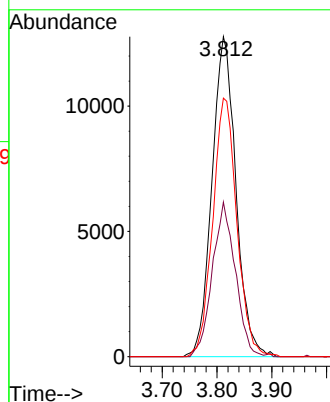
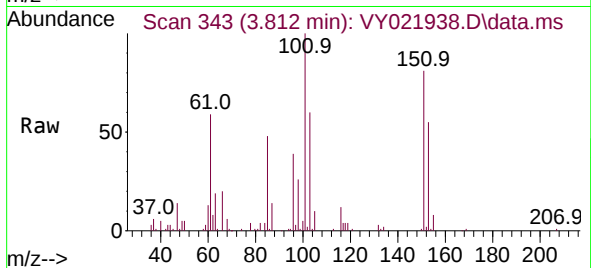




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.935 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

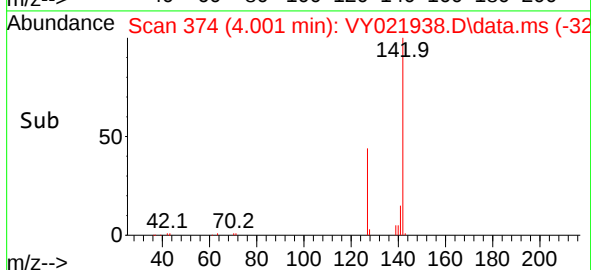
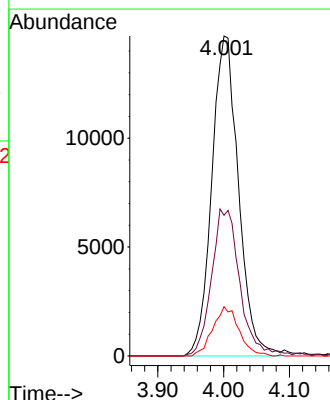
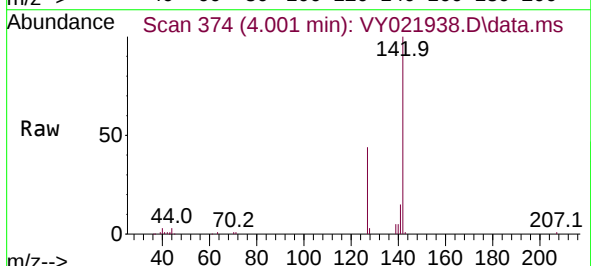
Instrument :
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Tgt Ion:101 Resp: 38813
Ion Ratio Lower Upper
101 100
85 46.5 36.3 54.5
151 81.3 61.3 91.9



#10
Methyl Iodide
Concen: 18.438 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

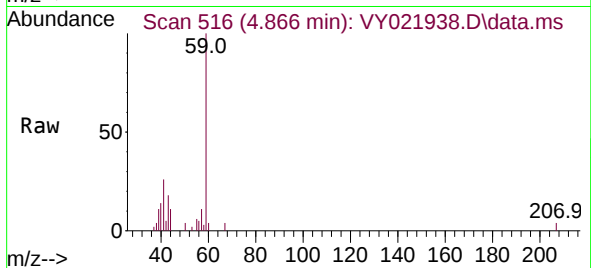
Tgt Ion:142 Resp: 41463
Ion Ratio Lower Upper
142 100
127 48.5 38.7 58.1
141 15.1 11.5 17.3



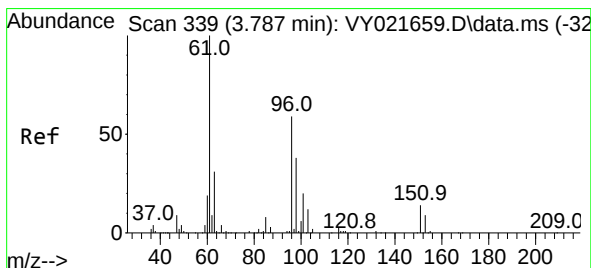
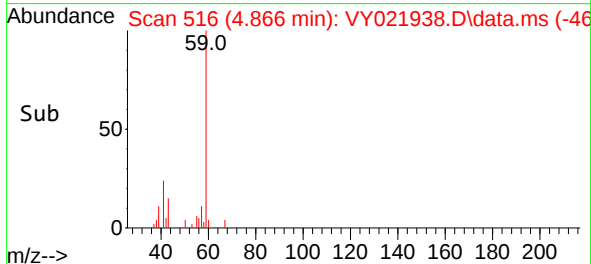
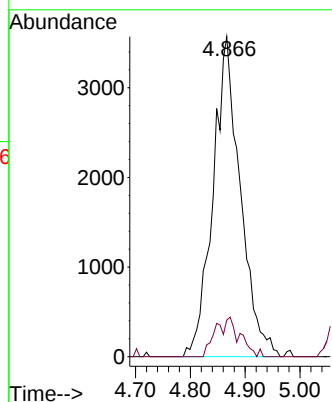


#11
Tert butyl alcohol
Concen: 95.671 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

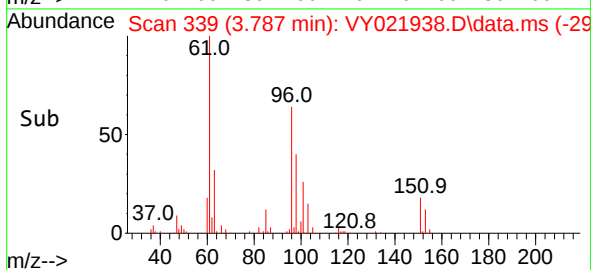
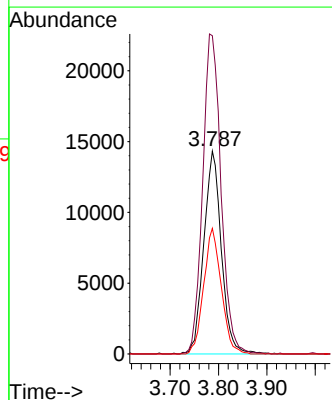
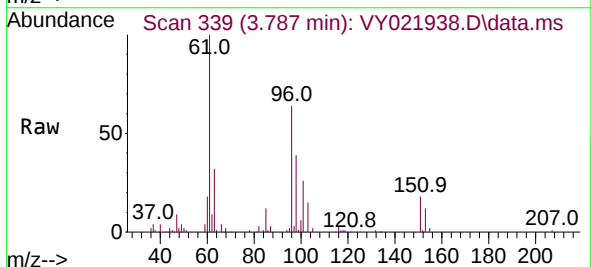


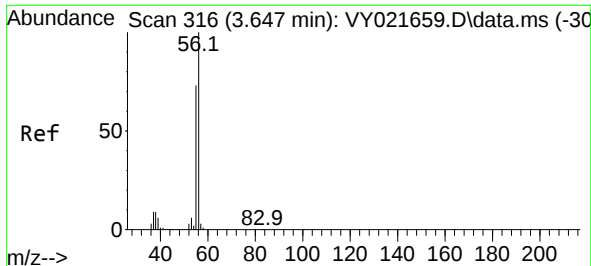
Tgt Ion: 59 Resp: 12393
Ion Ratio Lower Upper
59 100
57 6.3 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 18.763 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 96 Resp: 36226
Ion Ratio Lower Upper
96 100
61 156.9 136.6 204.8
98 61.9 52.3 78.5





#13

Acrolein

Concen: 34.545 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

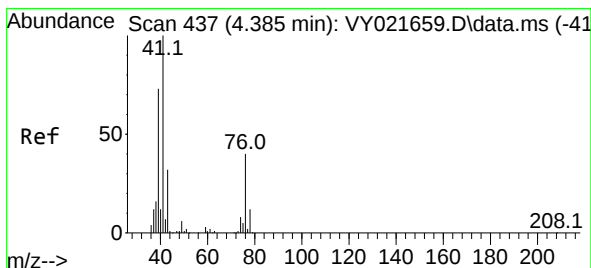
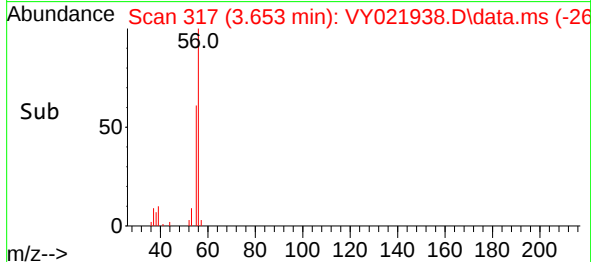
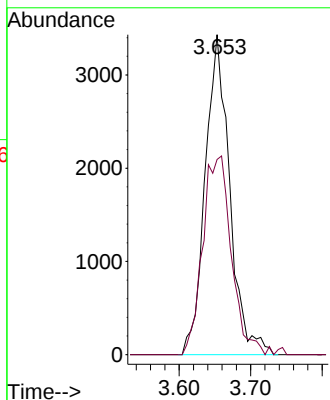
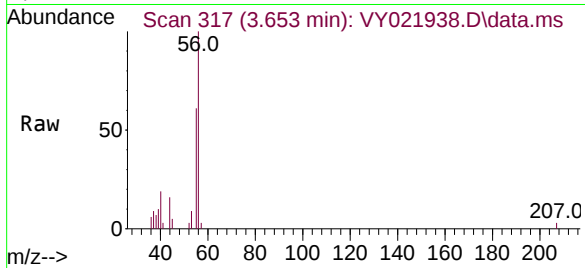
VY0421SBS01

Tgt Ion: 56 Resp: 8171

Ion Ratio Lower Upper

56 100

55 72.5 56.6 85.0



#14

Allyl chloride

Concen: 18.561 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

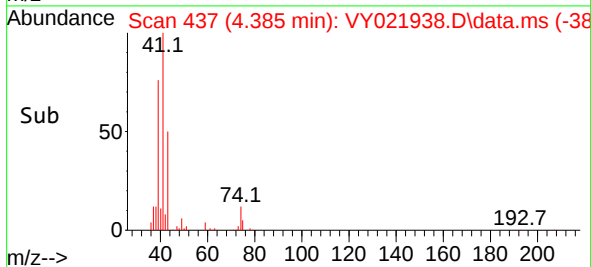
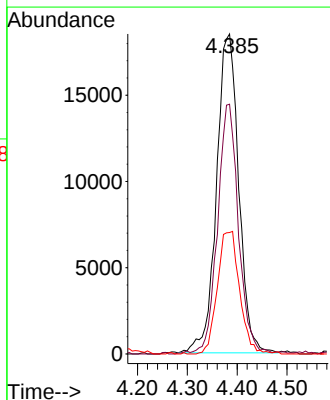
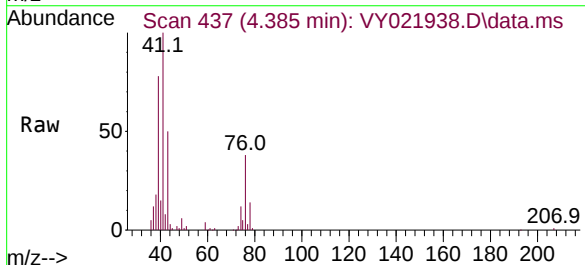
Tgt Ion: 41 Resp: 57136

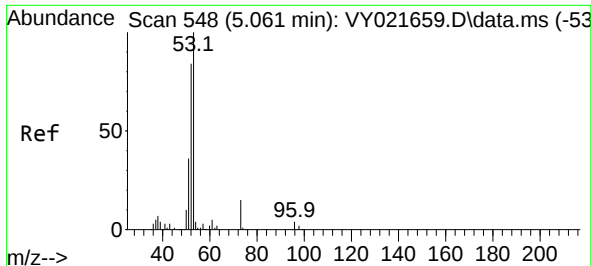
Ion Ratio Lower Upper

41 100

39 72.1 58.6 88.0

76 38.4 30.3 45.5

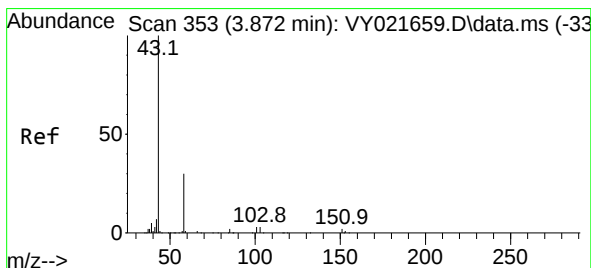
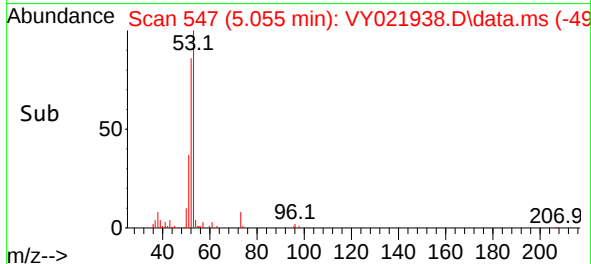
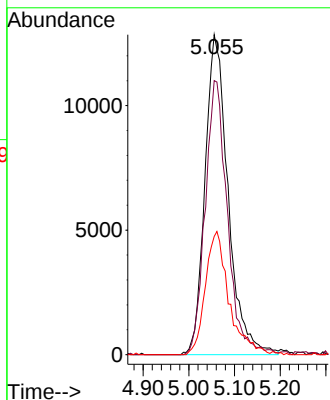
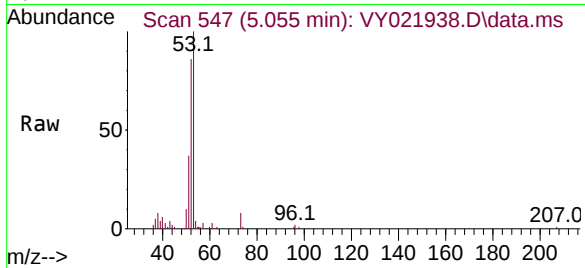




#15
Acrylonitrile
Concen: 102.473 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

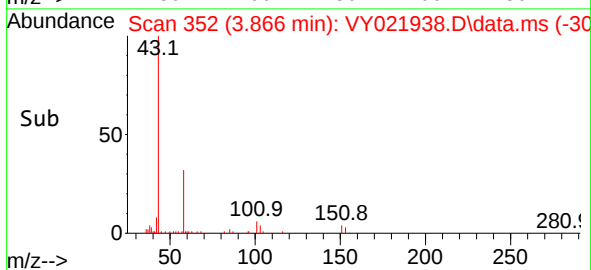
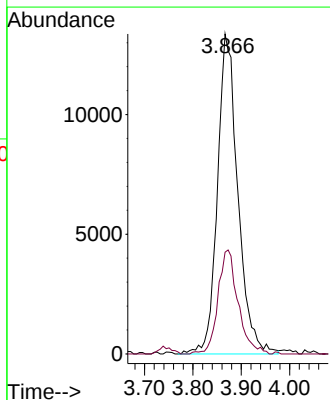
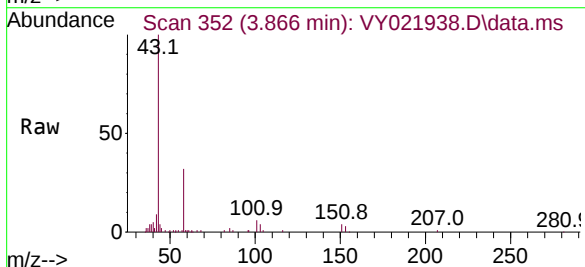
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

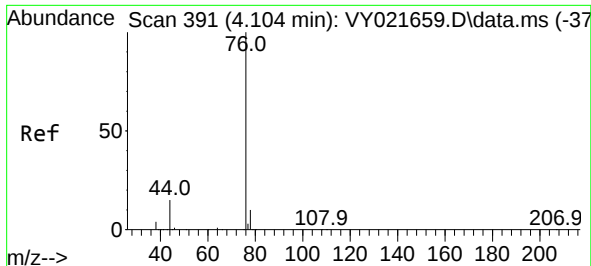
Tgt Ion: 53 Resp: 45221
Ion Ratio Lower Upper
53 100
52 82.3 64.9 97.3
51 39.3 30.2 45.2



#16
Acetone
Concen: 96.111 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 43 Resp: 39229
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4

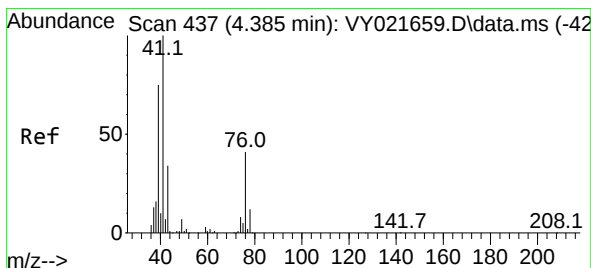
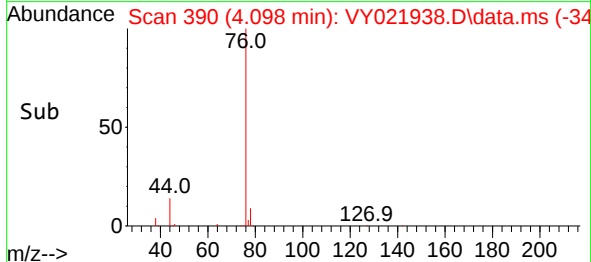
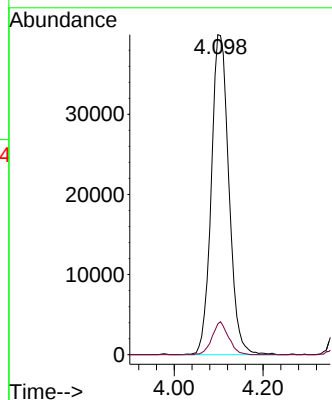
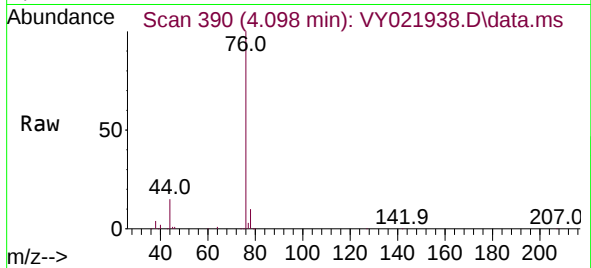




#17
Carbon Disulfide
Concen: 17.268 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

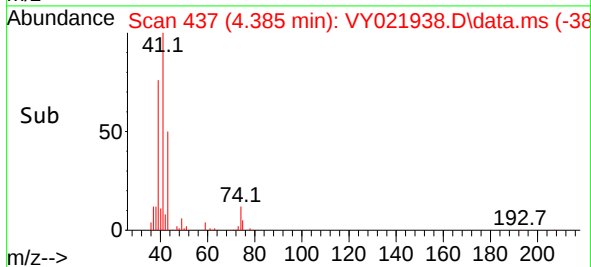
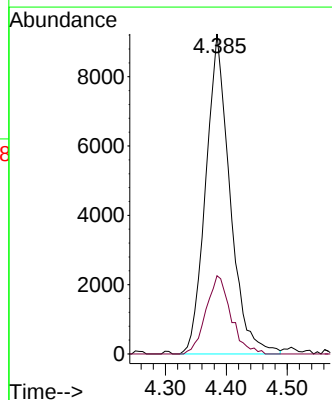
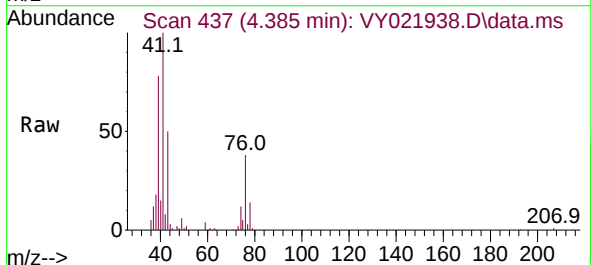
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

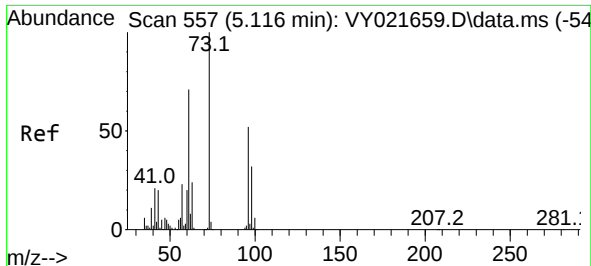
Tgt Ion: 76 Resp: 109809
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 25.175 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 43 Resp: 25467
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.446 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

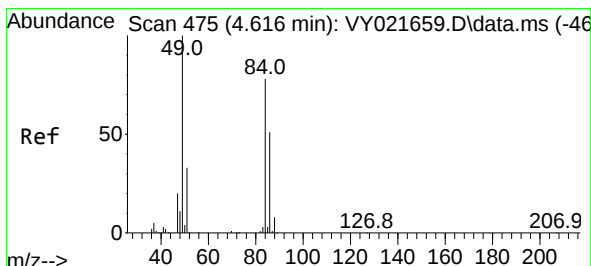
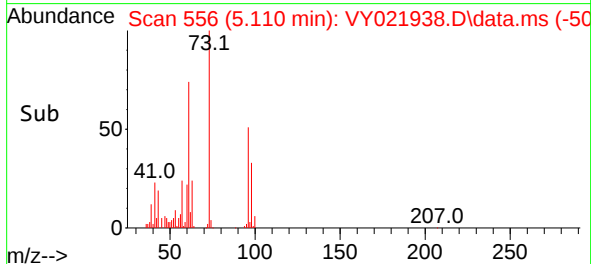
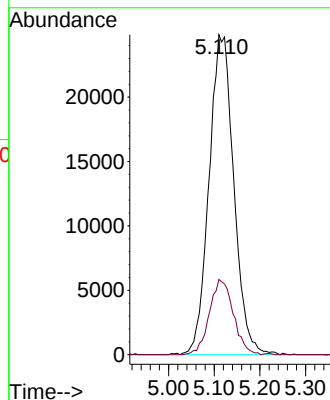
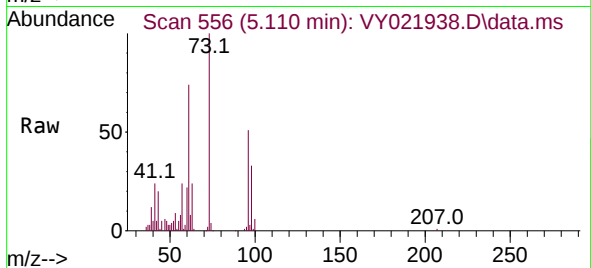
VY0421SBSD01

Tgt Ion: 73 Resp: 93476

Ion Ratio Lower Upper

73 100

57 23.5 18.1 27.1



#20

Methylene Chloride

Concen: 20.108 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Tgt Ion: 84 Resp: 44779

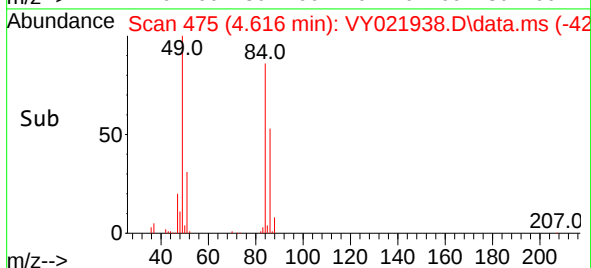
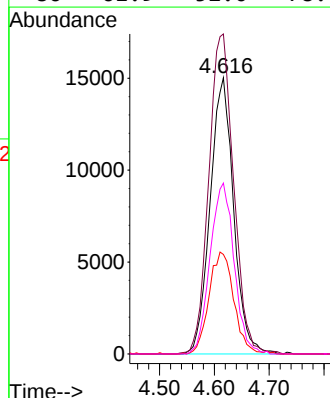
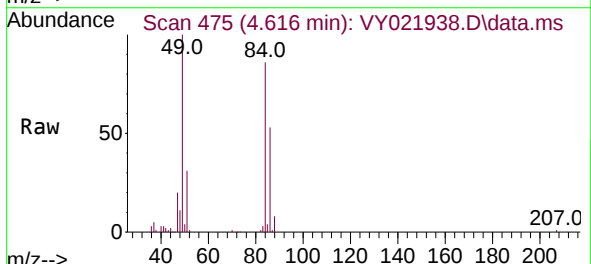
Ion Ratio Lower Upper

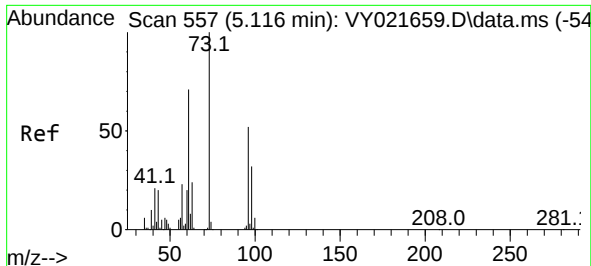
84 100

49 115.5 102.8 154.2

51 36.0 33.5 50.3

86 61.9 52.0 78.0

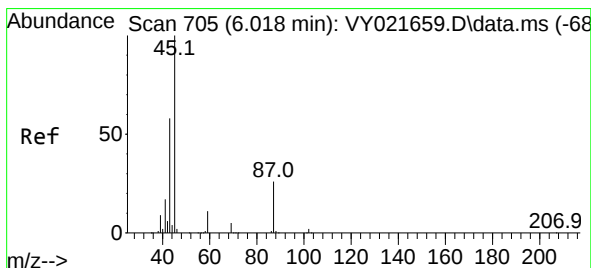
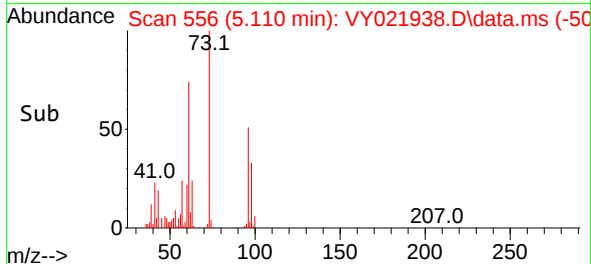
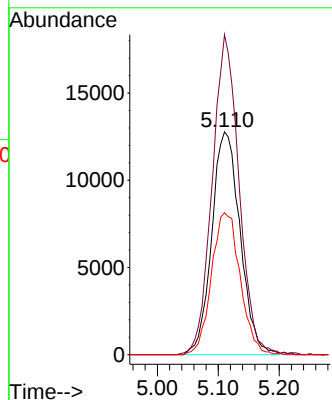
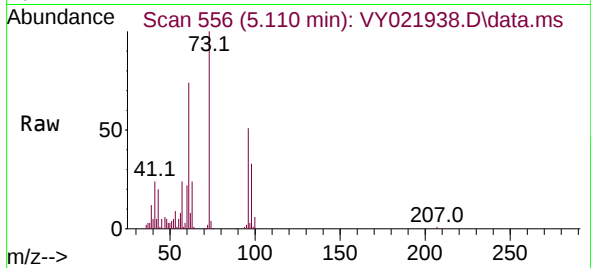




#21
trans-1,2-Dichloroethene
Concen: 19.420 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

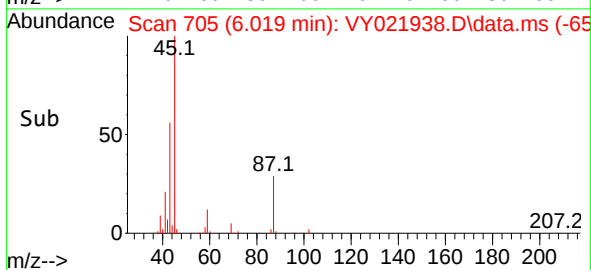
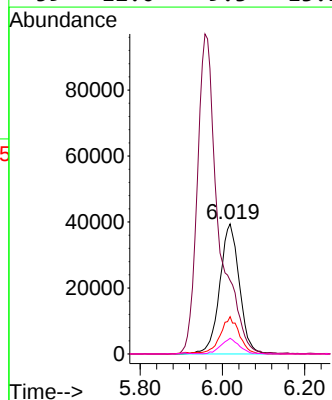
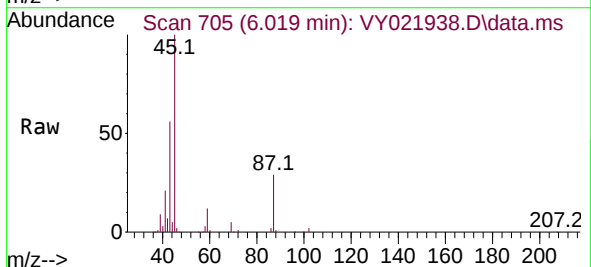
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

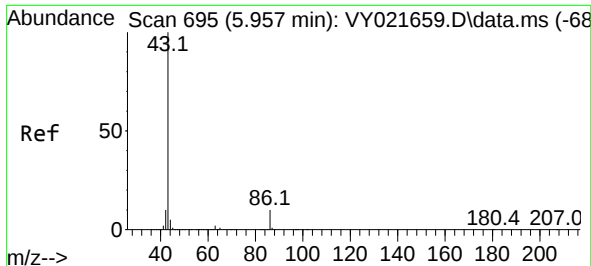
Tgt Ion: 96 Resp: 41282
Ion Ratio Lower Upper
96 100
61 143.2 109.4 164.0
98 63.7 50.2 75.2



#22
Diisopropyl ether
Concen: 20.218 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 45 Resp: 130558
Ion Ratio Lower Upper
45 100
43 55.9 46.6 69.8
87 28.6 20.7 31.1
59 12.0 9.3 13.9

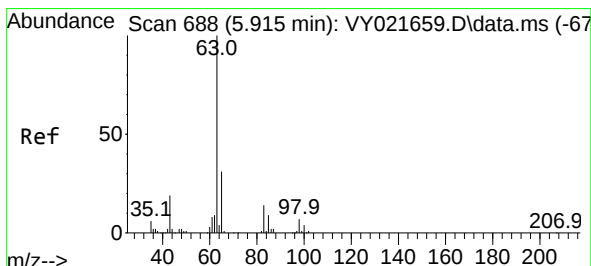
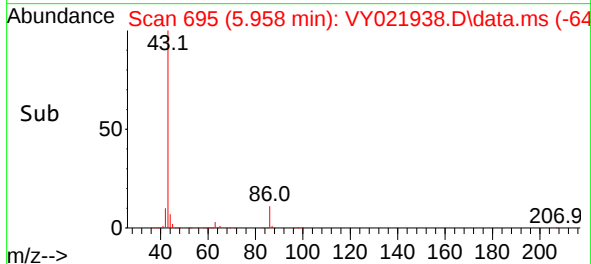
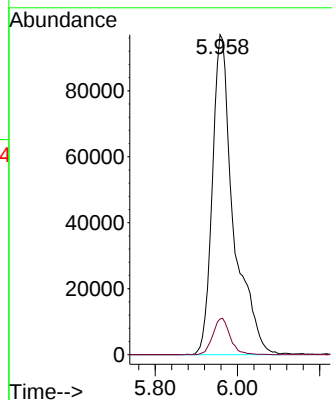
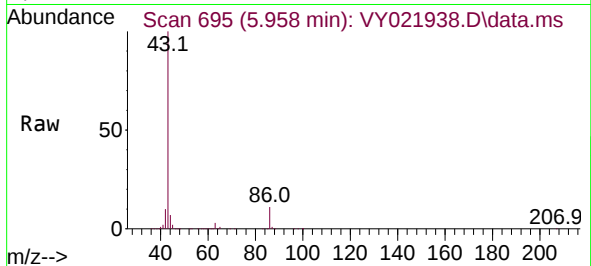




#23
 Vinyl Acetate
 Concen: 91.860 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

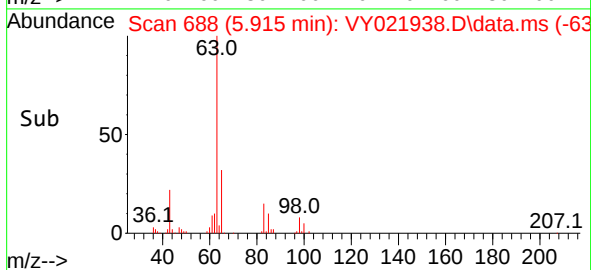
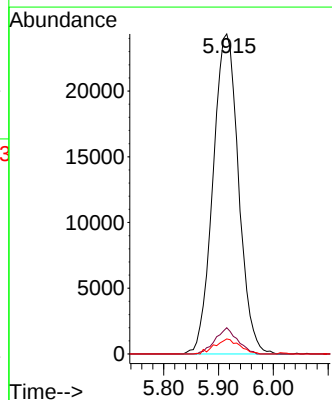
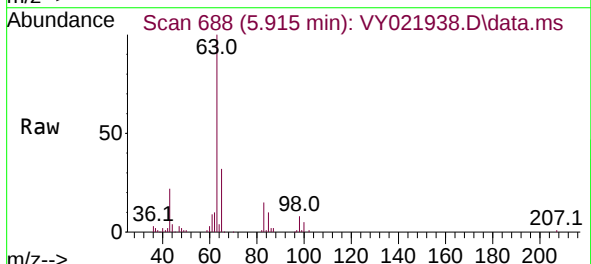
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

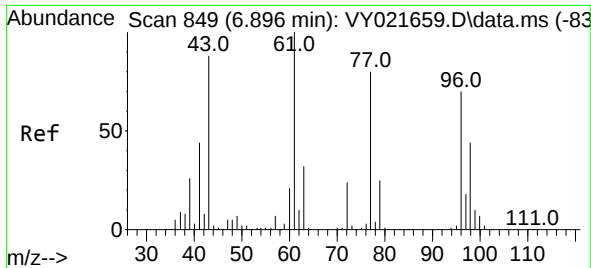
Tgt Ion: 43 Resp: 347021
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.432 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

Tgt Ion: 63 Resp: 78896
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 97.332 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

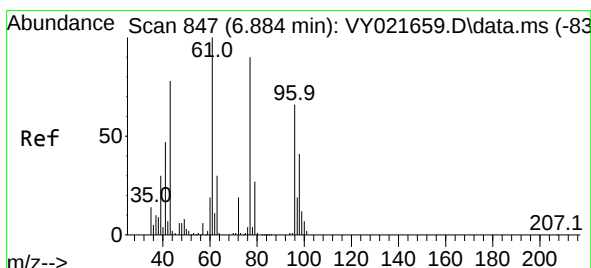
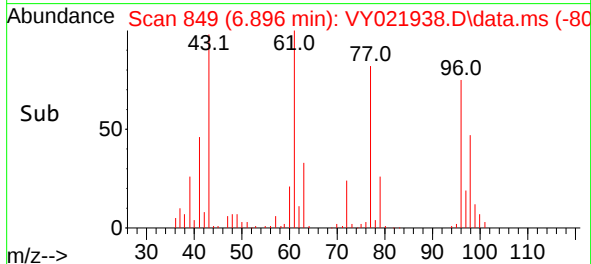
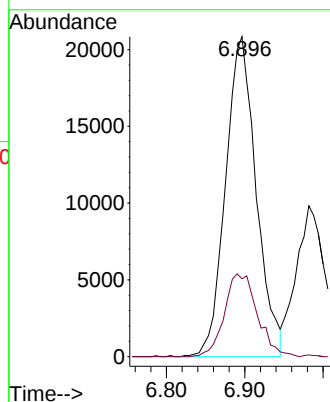
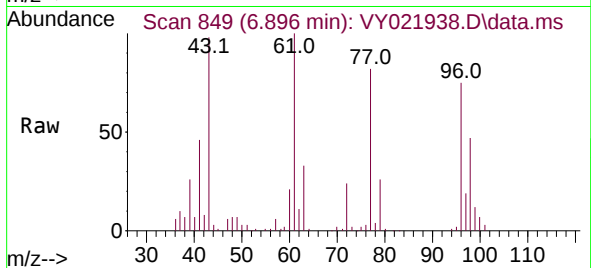
VY0421SBSD01

Tgt Ion: 43 Resp: 56743

Ion Ratio Lower Upper

43 100

72 24.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.813 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY021938.D

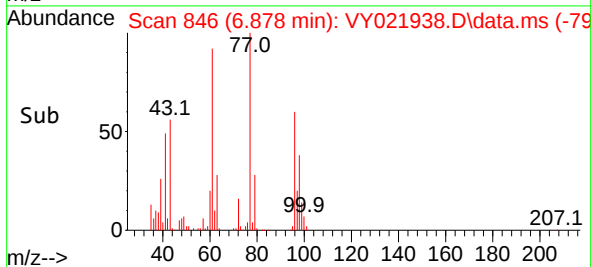
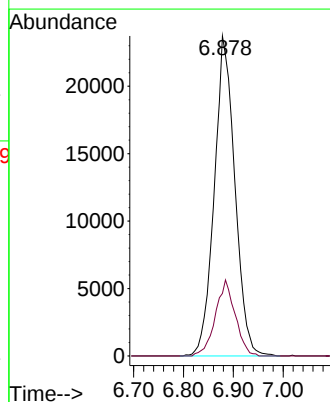
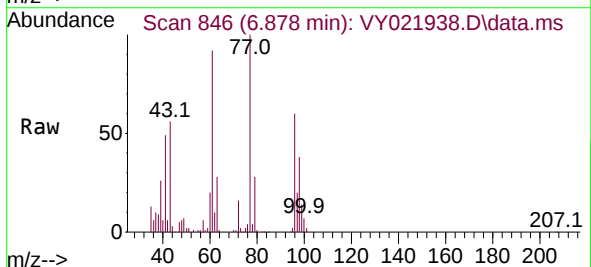
Acq: 21 Apr 2025 10:41

Tgt Ion: 77 Resp: 68052

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1

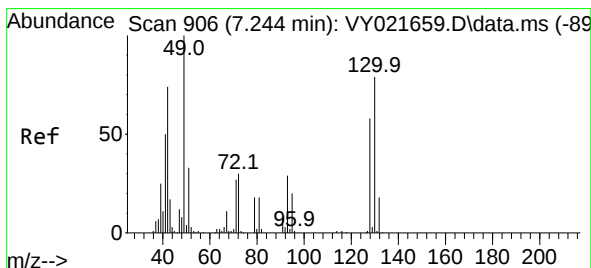
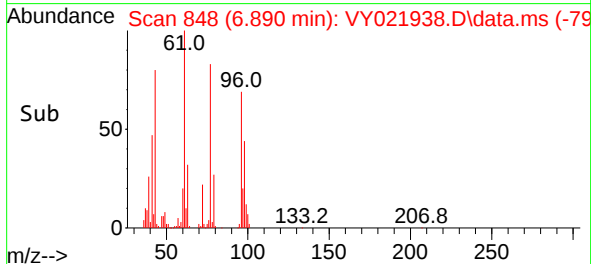
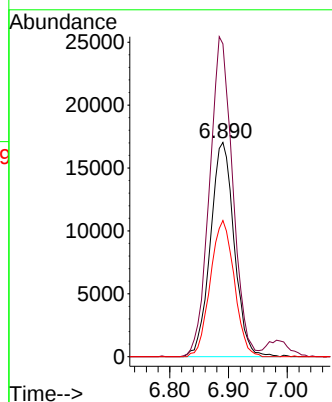
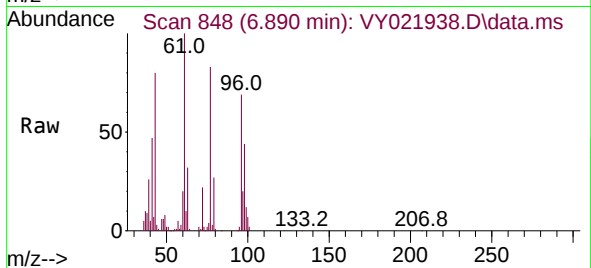




#27
 cis-1,2-Dichloroethene
 Concen: 20.082 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

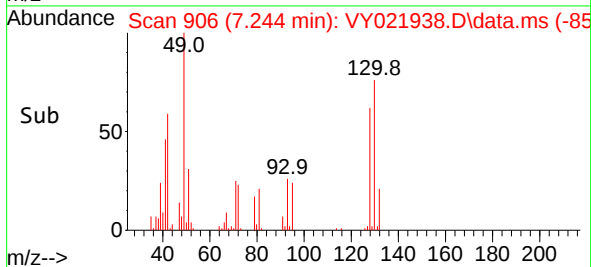
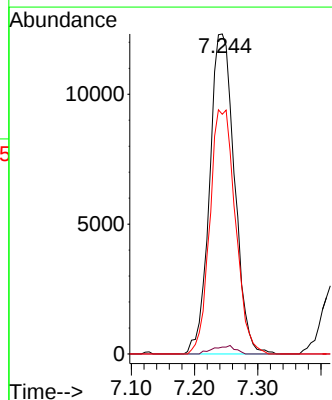
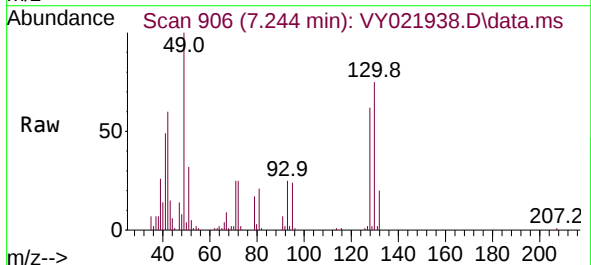
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBSD01

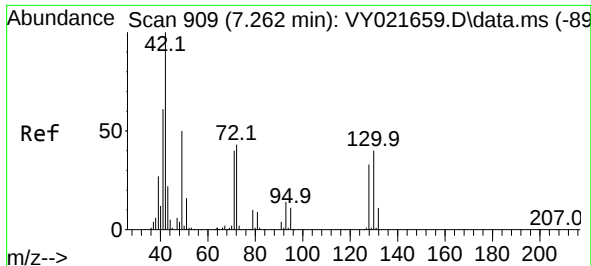
Tgt Ion: 96 Resp: 48008
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 296.4
 98 63.8 0.0 128.0



#28
 Bromochloromethane
 Concen: 20.683 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

Tgt Ion: 49 Resp: 33682
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 78.2 60.1 90.1





#29

Tetrahydrofuran

Concen: 97.699 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

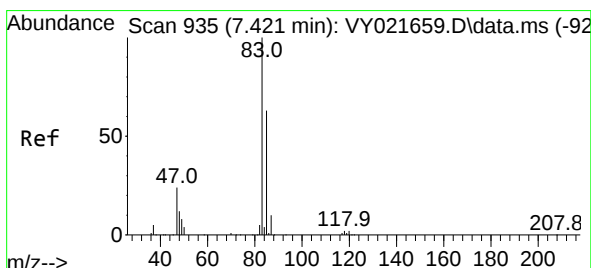
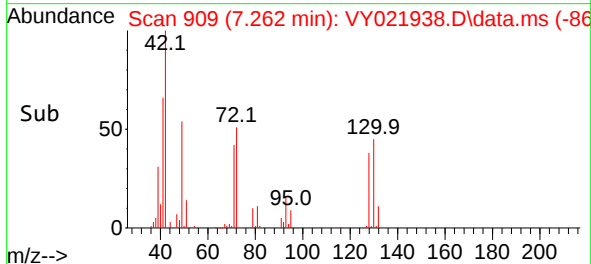
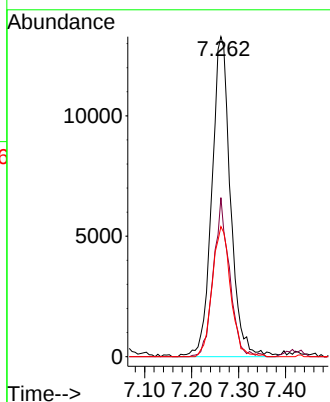
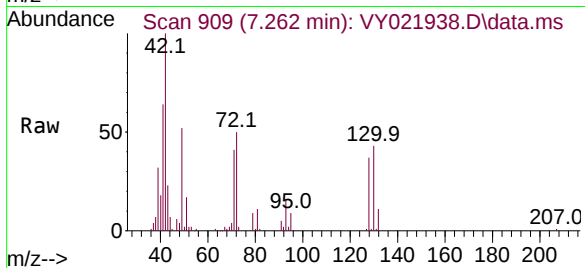
Tgt Ion: 42 Resp: 36657

Ion Ratio Lower Upper

42 100

72 42.5 34.6 52.0

71 40.1 32.5 48.7



#30

Chloroform

Concen: 20.442 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021938.D

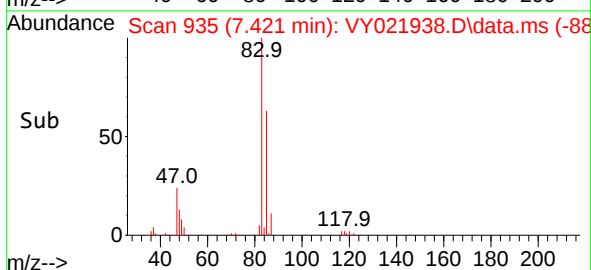
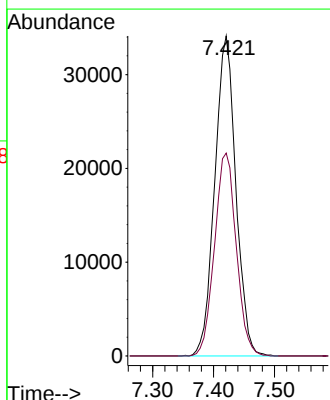
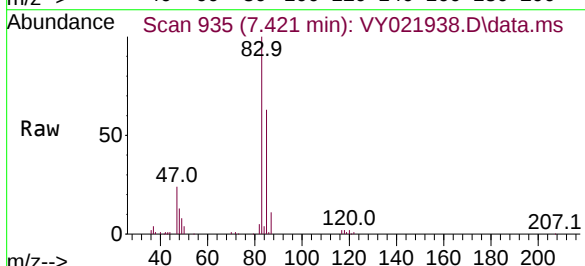
Acq: 21 Apr 2025 10:41

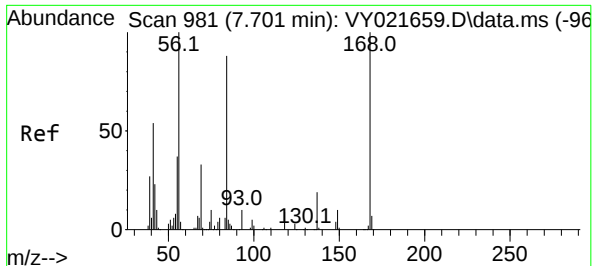
Tgt Ion: 83 Resp: 82100

Ion Ratio Lower Upper

83 100

85 63.4 50.6 75.8





#31

Cyclohexane

Concen: 17.121 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

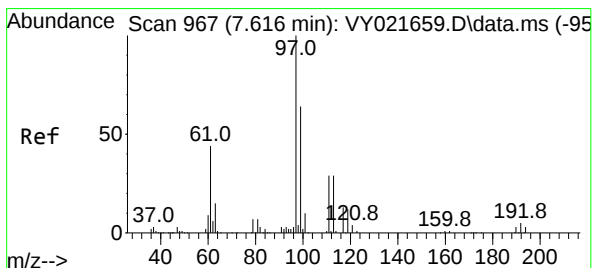
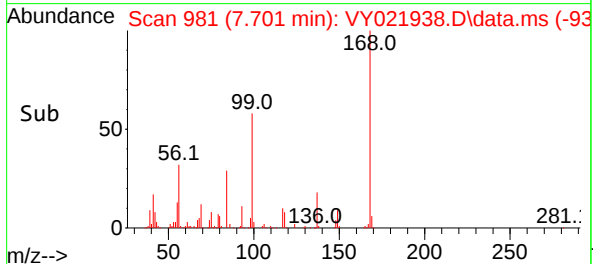
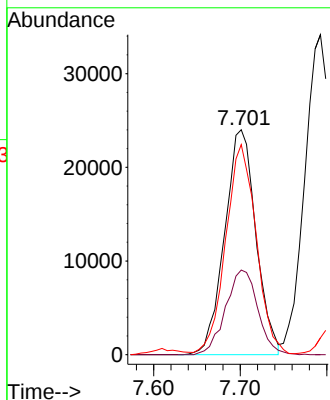
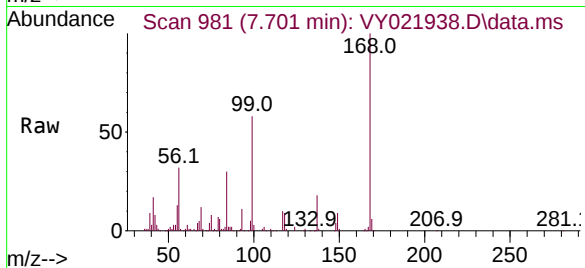
Tgt Ion: 56 Resp: 60265

Ion Ratio Lower Upper

56 100

69 37.6 26.6 40.0

84 91.8 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 19.923 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

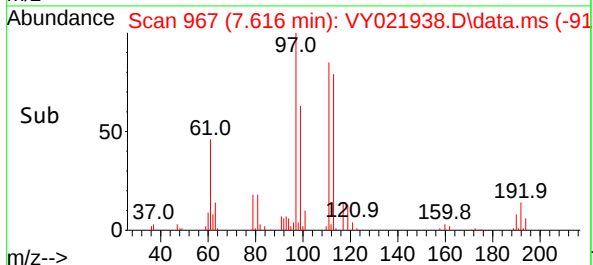
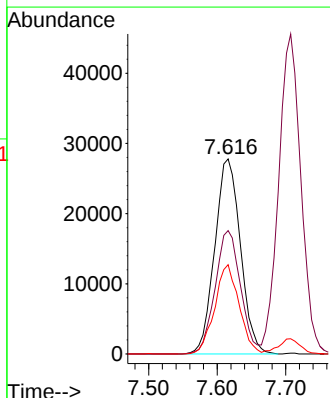
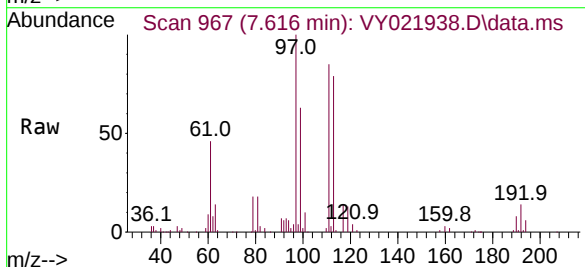
Tgt Ion: 97 Resp: 72317

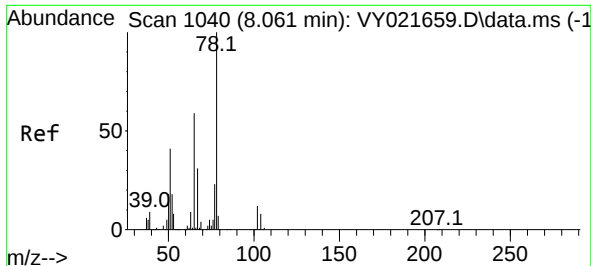
Ion Ratio Lower Upper

97 100

99 63.0 50.7 76.1

61 43.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.538 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

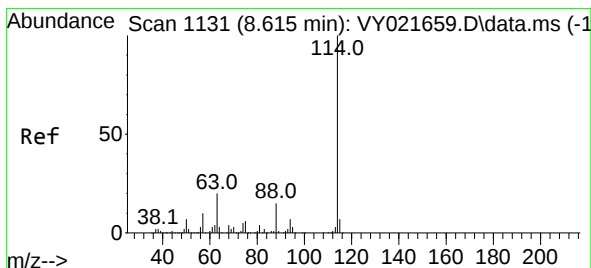
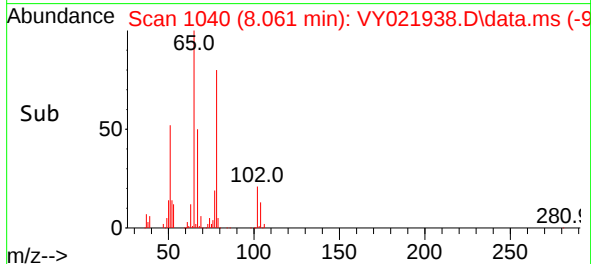
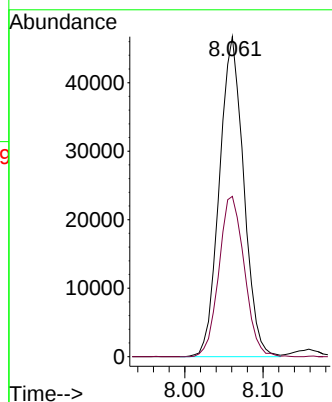
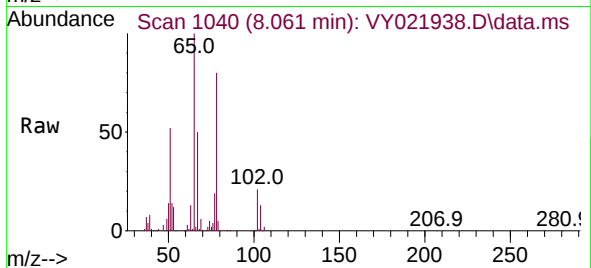
VY0421SBSD01

Tgt Ion: 65 Resp: 100790

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

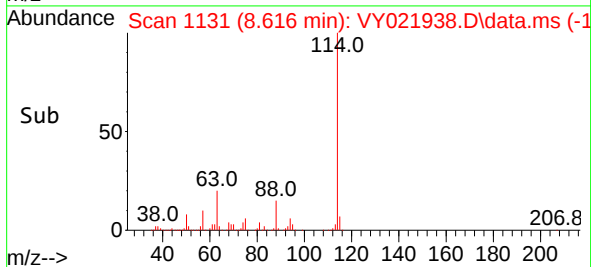
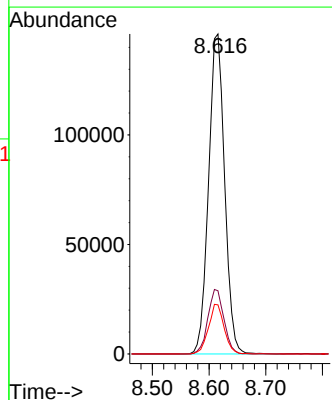
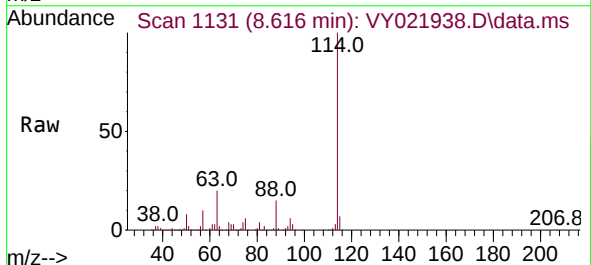
Tgt Ion: 114 Resp: 287552

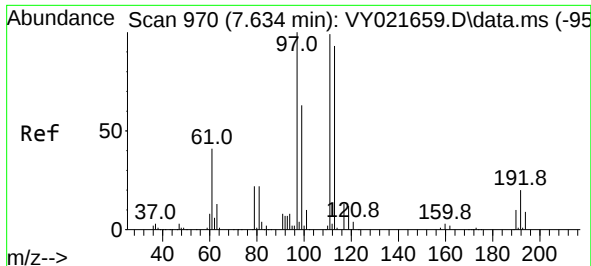
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.4 0.0 29.8

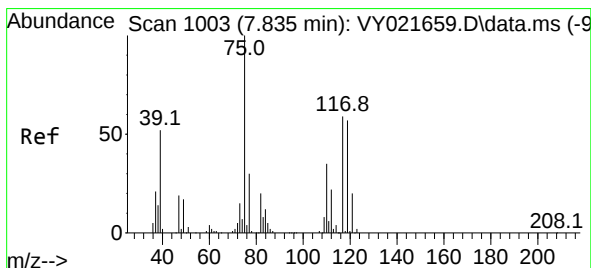
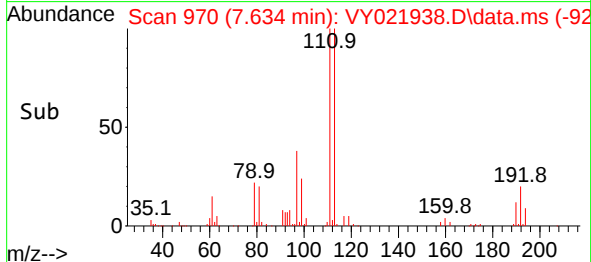
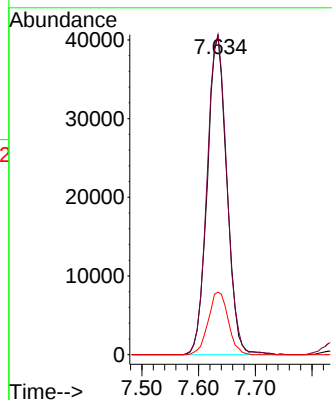
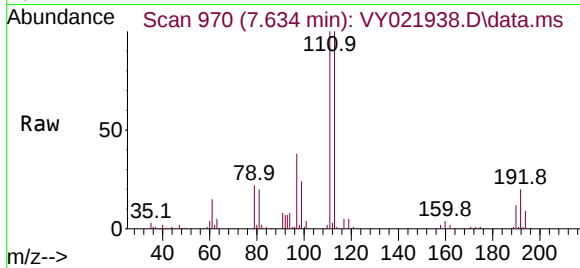




#35
Dibromofluoromethane
Concen: 51.925 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

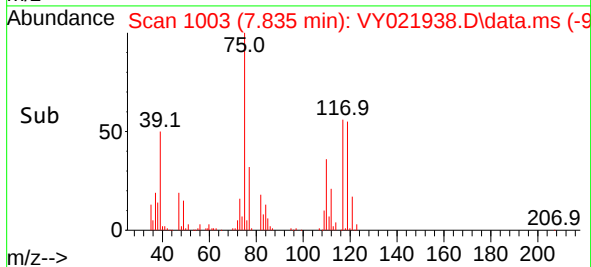
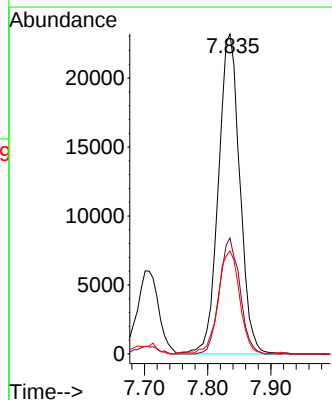
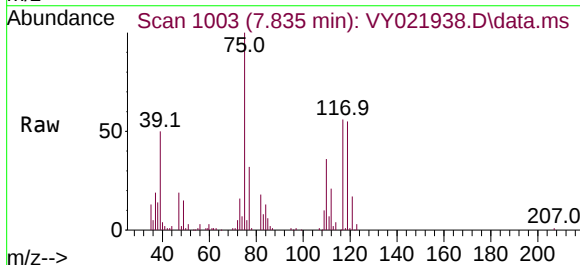
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

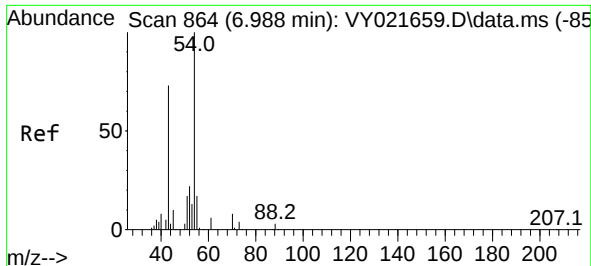
Tgt Ion:113 Resp: 96856
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 20.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.130 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 75 Resp: 54350
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 32.5 24.8 37.2





#37

Ethyl Acetate

Concen: 19.472 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

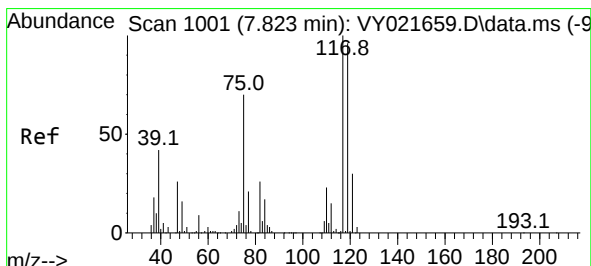
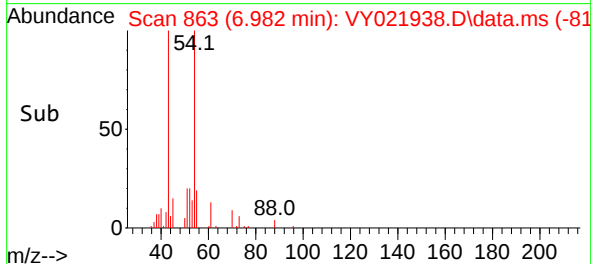
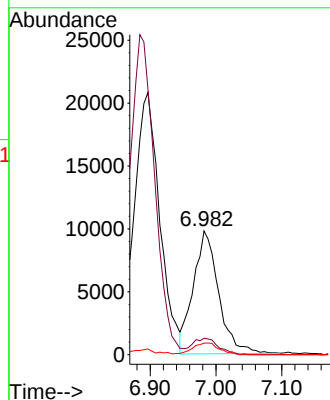
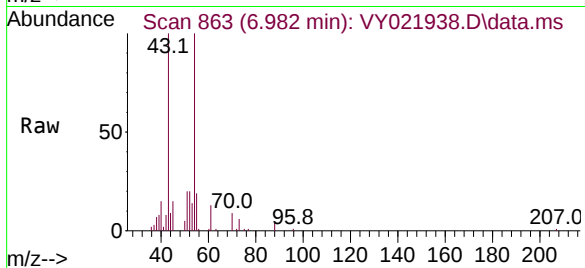
Tgt Ion: 43 Resp: 26109

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.987 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

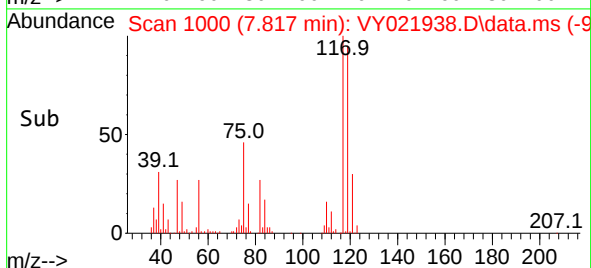
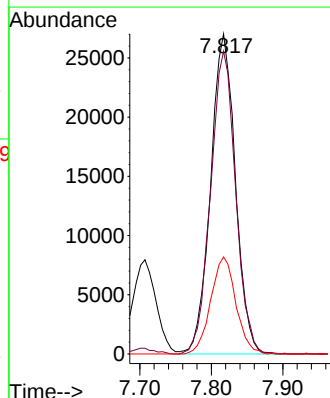
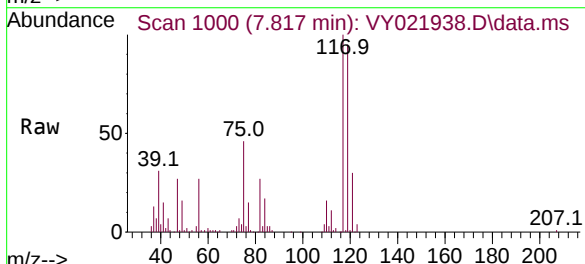
Tgt Ion: 117 Resp: 65041

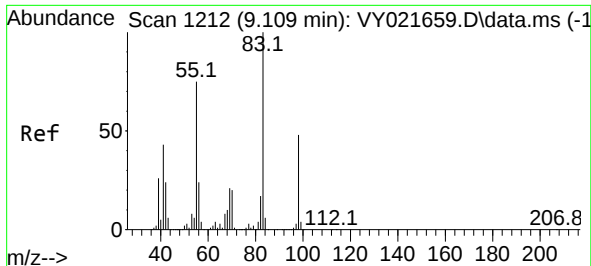
Ion Ratio Lower Upper

117 100

119 94.6 76.2 114.4

121 30.3 24.2 36.4





#39

Methylcyclohexane

Concen: 17.261 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBSD01

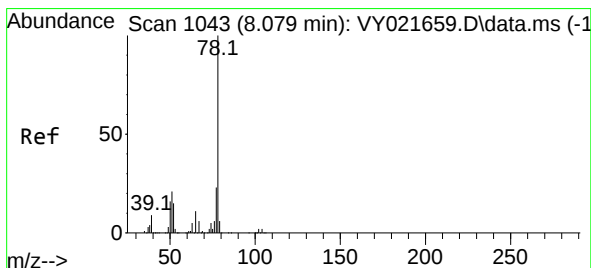
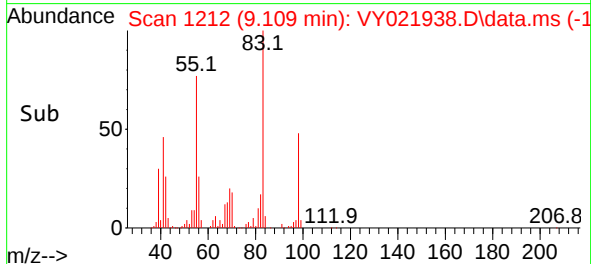
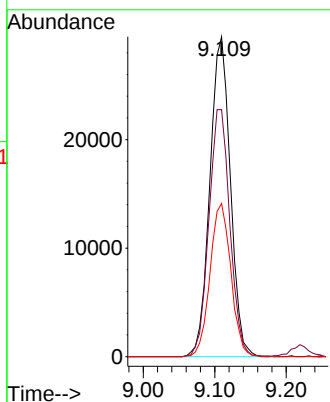
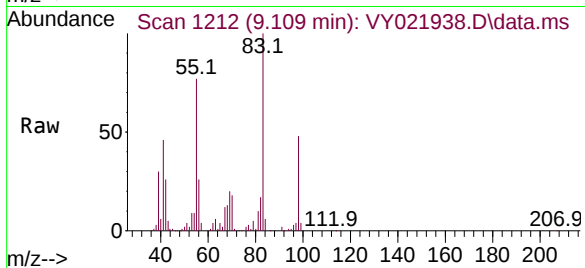
Tgt Ion: 83 Resp: 58586

Ion Ratio Lower Upper

83 100

55 77.2 59.7 89.5

98 47.9 38.3 57.5



#40

Benzene

Concen: 20.238 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021938.D

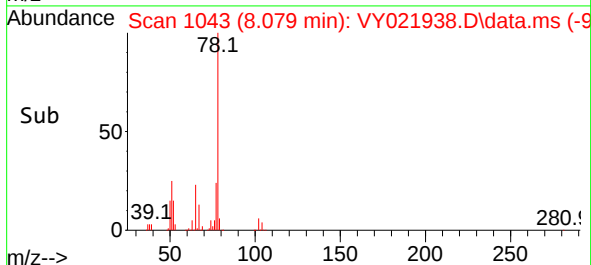
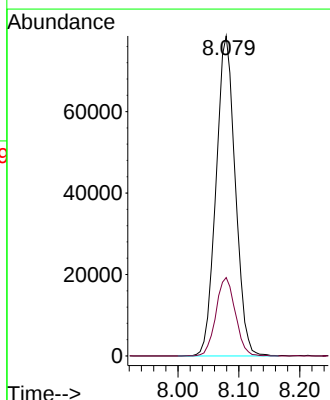
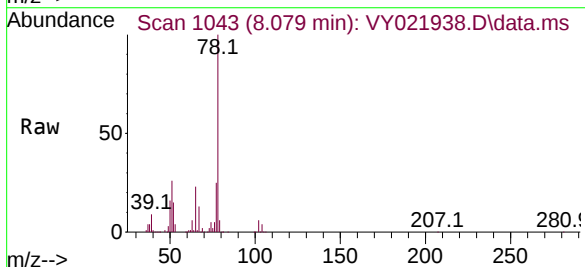
Acq: 21 Apr 2025 10:41

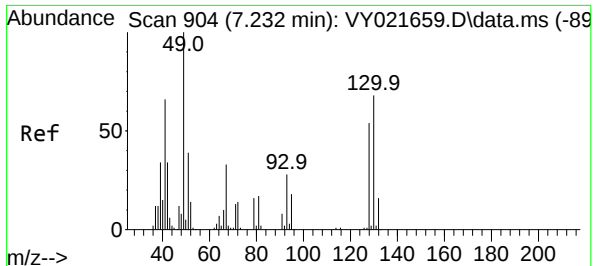
Tgt Ion: 78 Resp: 172193

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2

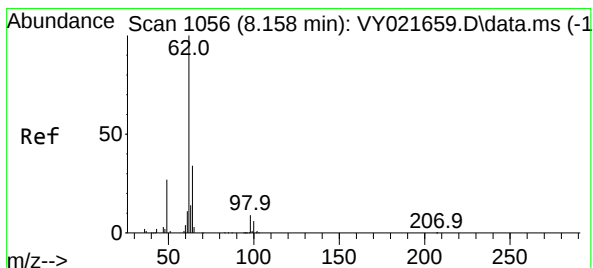
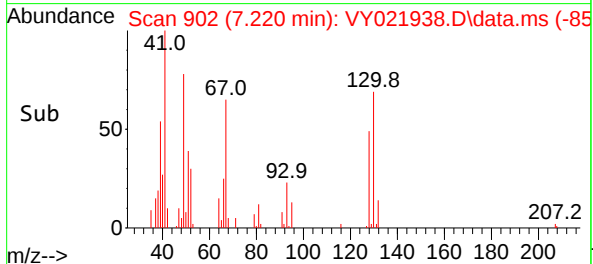
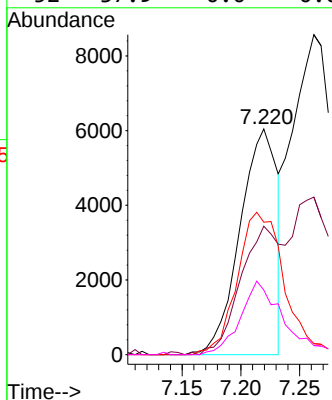
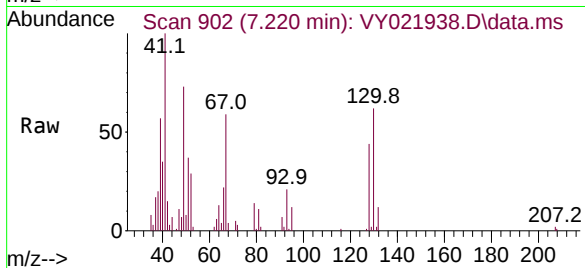




#41
Methacrylonitrile
Concen: 18.715 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

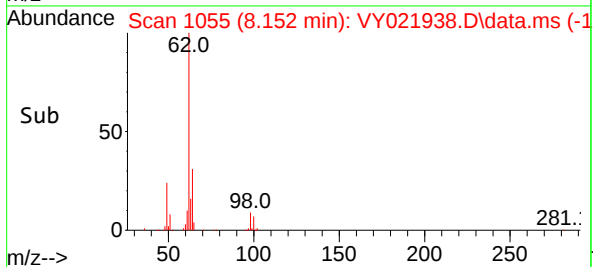
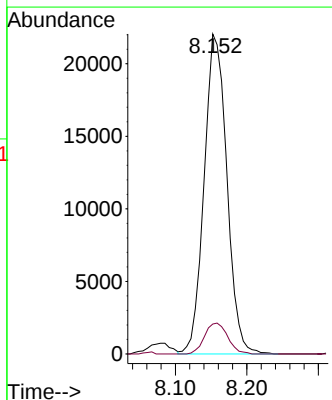
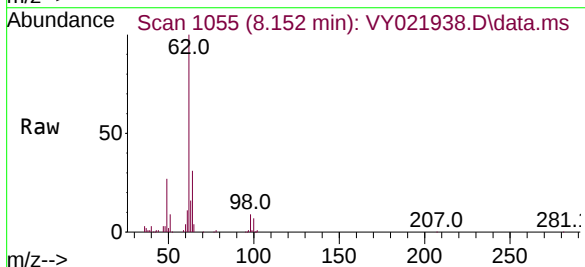
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

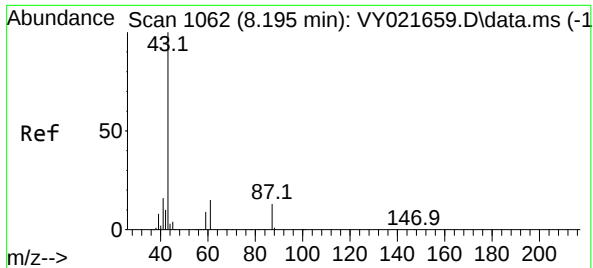
Tgt Ion: 41 Resp: 13327
Ion Ratio Lower Upper
41 100
39 65.3 0.0 0.0#
67 80.5 0.0 0.0#
52 37.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.321 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 62 Resp: 48744
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.4

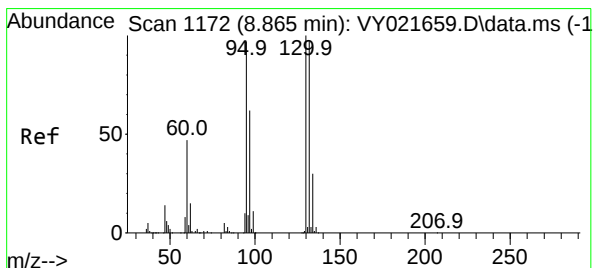
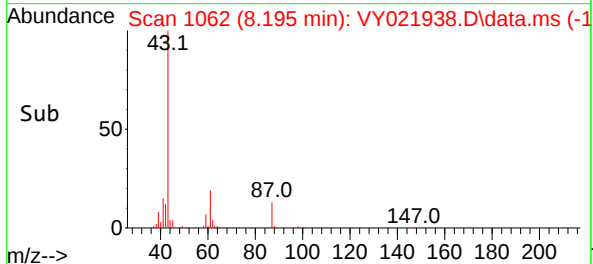
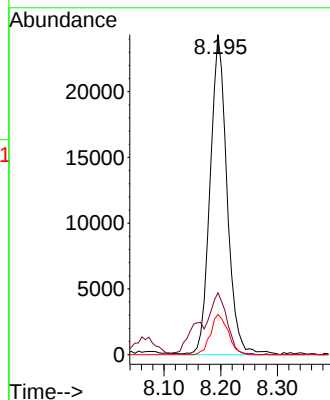
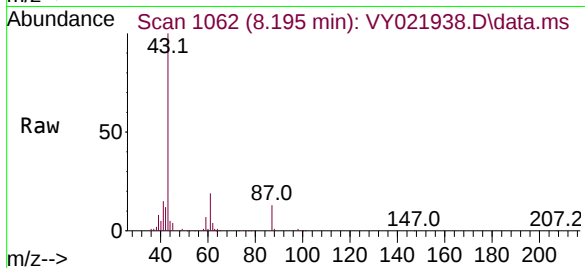




#43
Isopropyl Acetate
Concen: 19.858 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

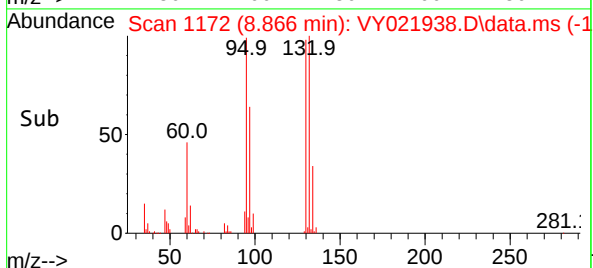
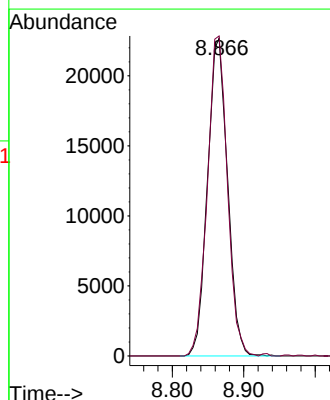
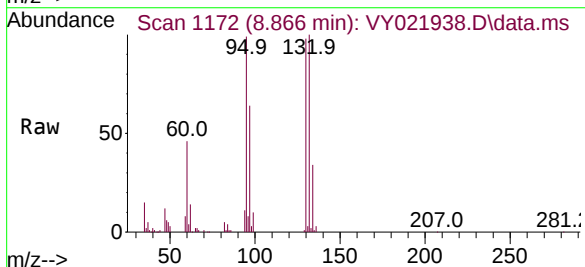
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

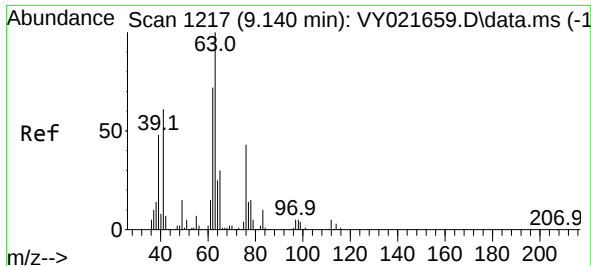
Tgt Ion: 43 Resp: 50459
Ion Ratio Lower Upper
43 100
61 19.6 15.9 23.9
87 13.0 10.4 15.6



#44
Trichloroethene
Concen: 20.348 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion:130 Resp: 44112
Ion Ratio Lower Upper
130 100
95 100.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.379 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

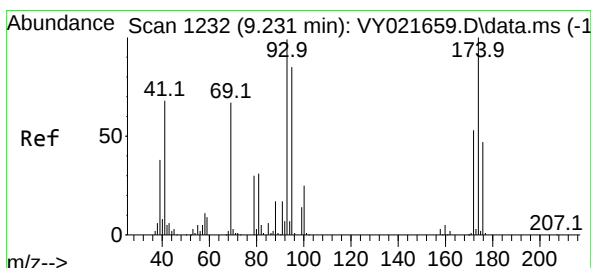
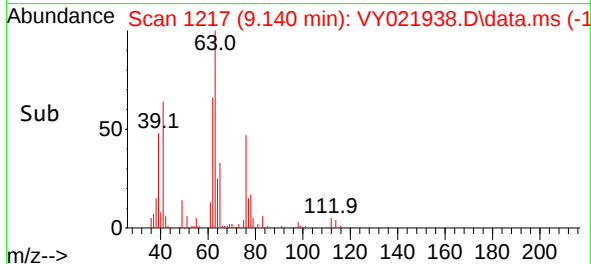
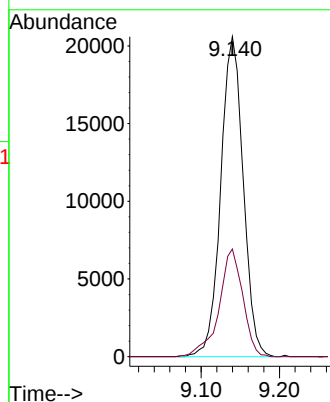
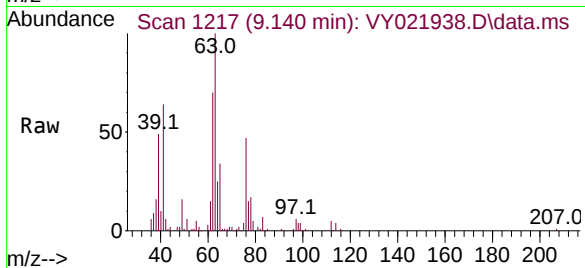
VY0421SBSD01

Tgt Ion: 63 Resp: 41044

Ion Ratio Lower Upper

63 100

65 33.7 24.4 36.6



#46

Dibromomethane

Concen: 20.544 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

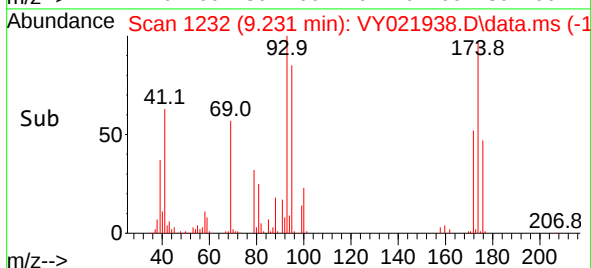
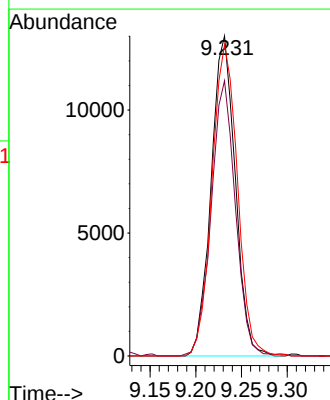
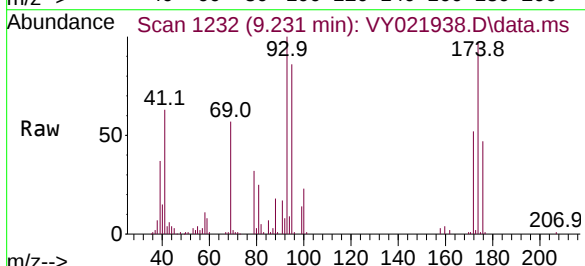
Tgt Ion: 93 Resp: 23846

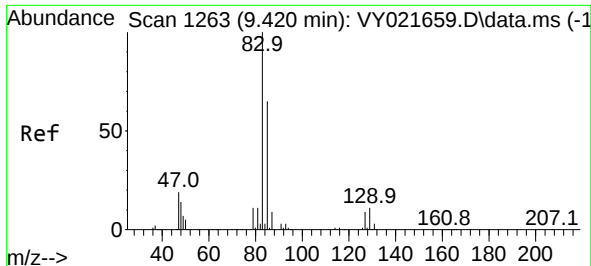
Ion Ratio Lower Upper

93 100

95 86.6 68.1 102.1

174 102.9 80.9 121.3

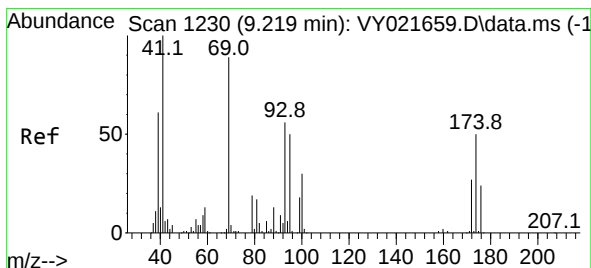
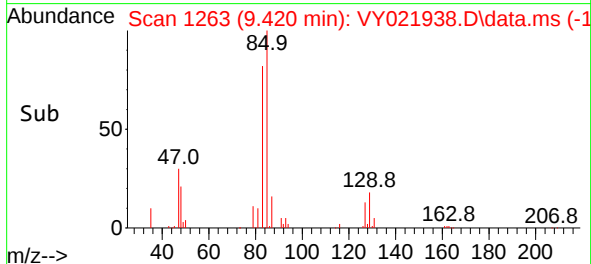
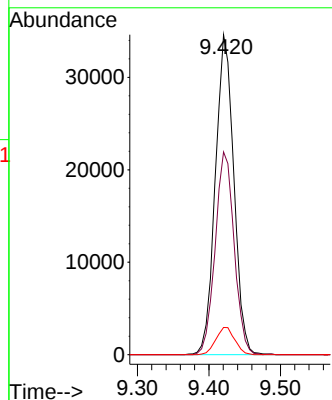
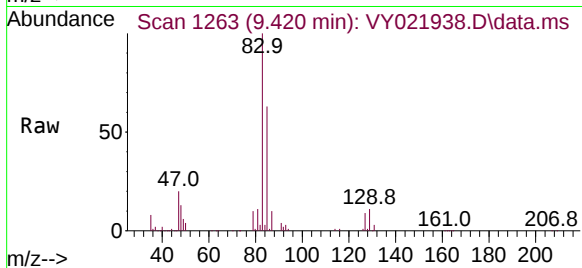




#47
Bromodichloromethane
Concen: 20.679 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

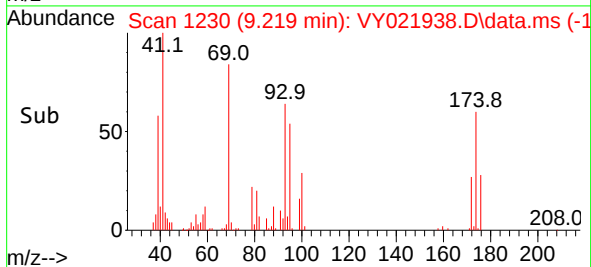
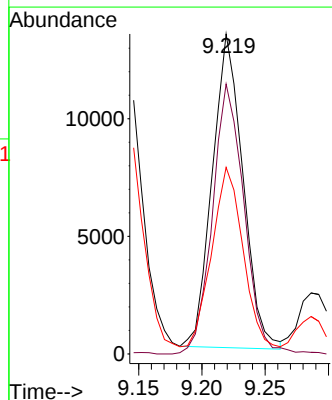
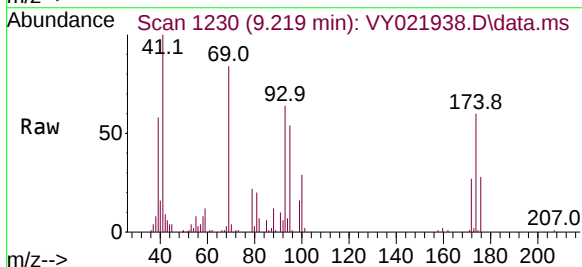
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

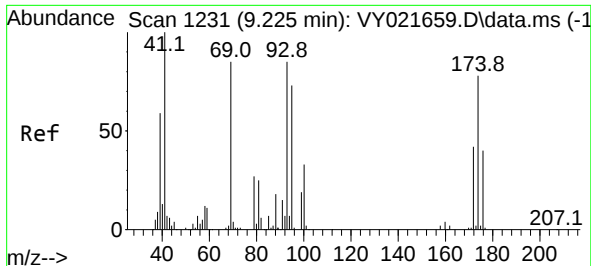
Tgt Ion: 83 Resp: 62196
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.6
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 19.229 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 41 Resp: 22425
Ion Ratio Lower Upper
41 100
69 88.8 69.8 104.8
39 58.6 47.2 70.8

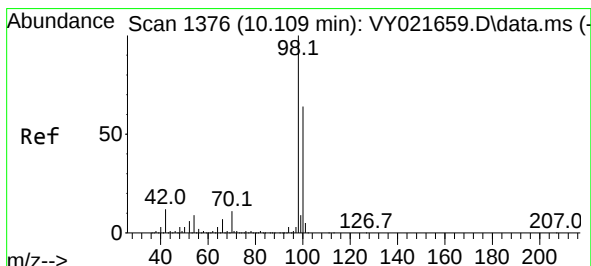
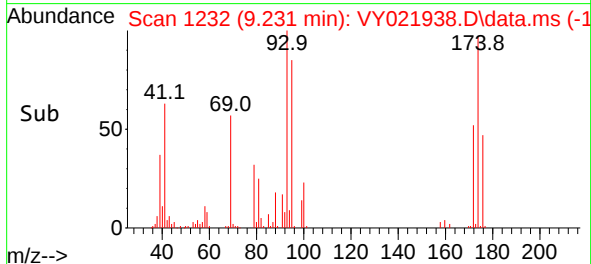
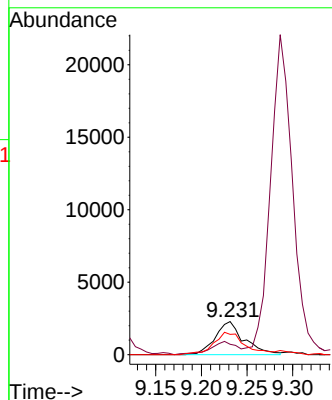
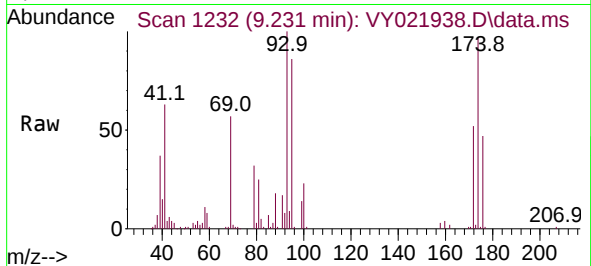




#49
1,4-Dioxane
Concen: 405.650 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

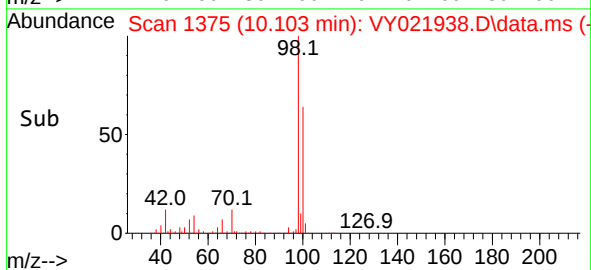
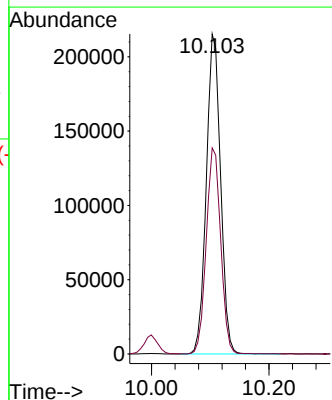
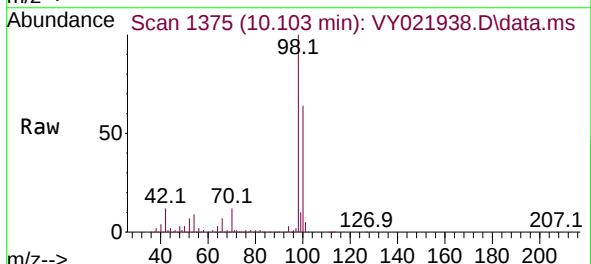
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

Tgt Ion: 88 Resp: 5044
Ion Ratio Lower Upper
88 100
43 35.3 28.8 43.2
58 71.9 59.4 89.2



#50
Toluene-d8
Concen: 51.227 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 98 Resp: 363518
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

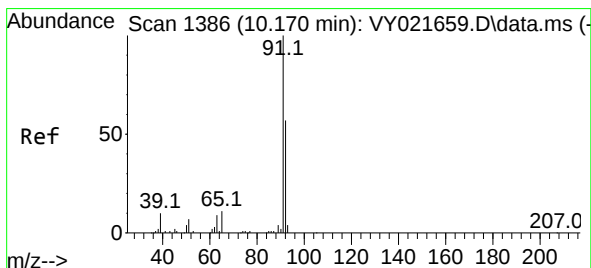
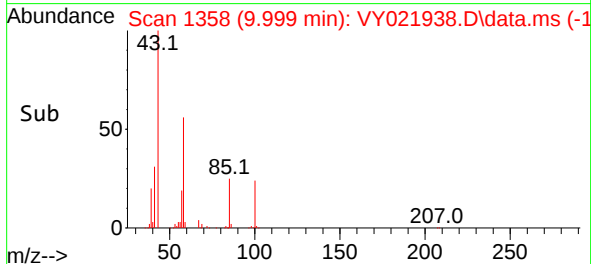
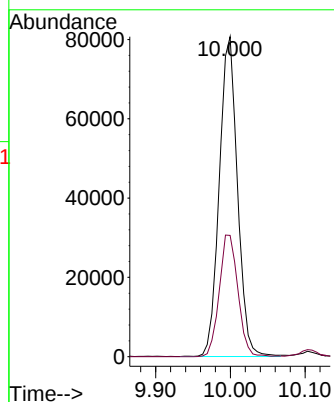
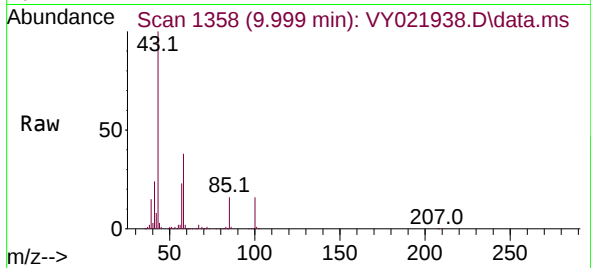




#51
4-Methyl-2-Pentanone
Concen: 103.097 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

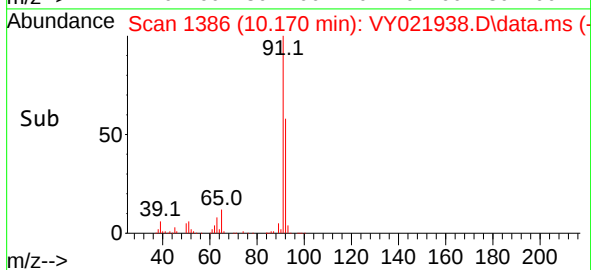
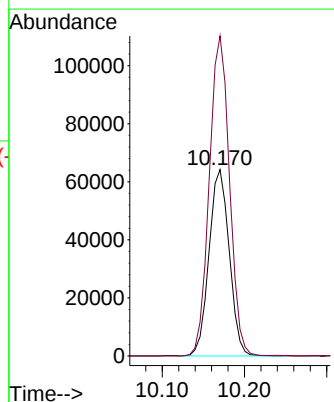
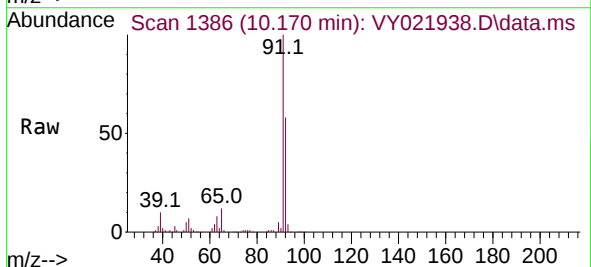
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

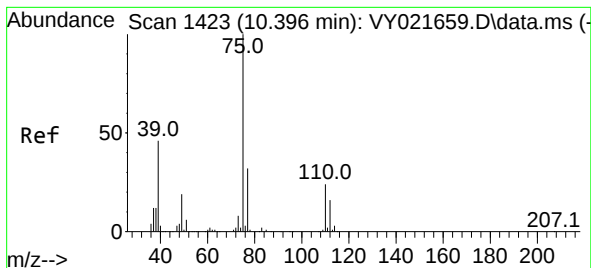
Tgt Ion: 43 Resp: 136330
Ion Ratio Lower Upper
43 100
58 39.1 31.5 47.3



#52
Toluene
Concen: 20.646 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 92 Resp: 109601
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8

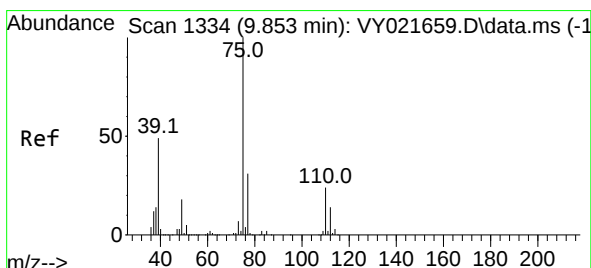
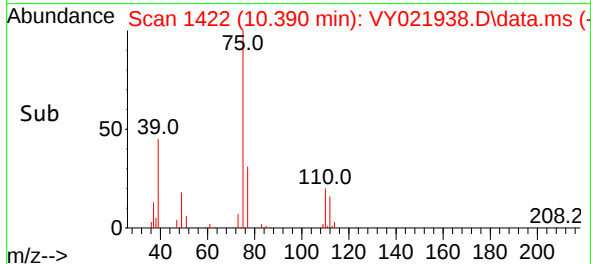
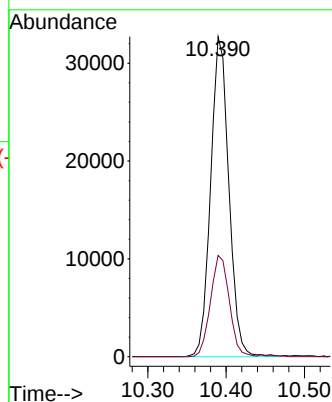
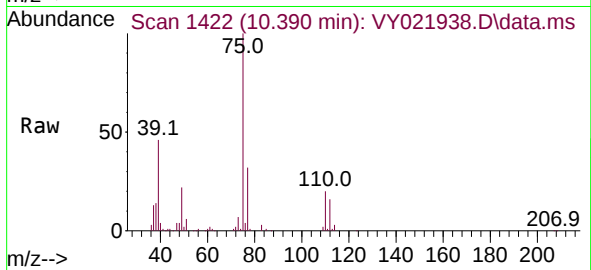




#53
 t-1,3-Dichloropropene
 Concen: 19.765 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

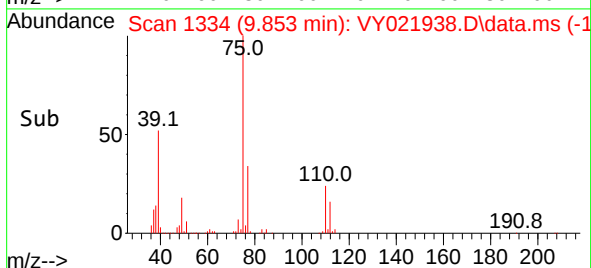
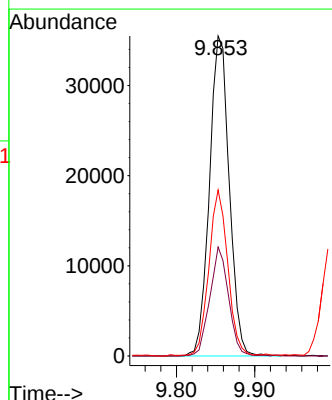
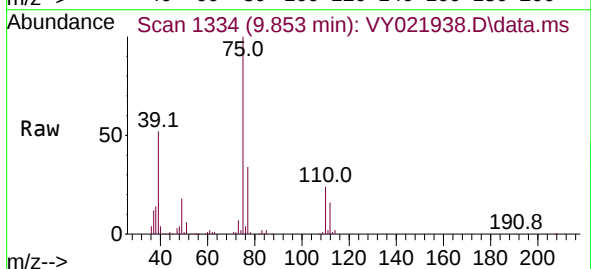
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBSD01

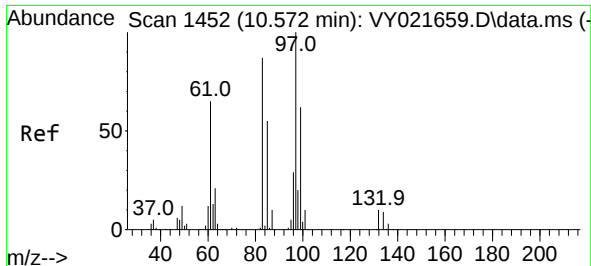
Tgt Ion: 75 Resp: 52802
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.771 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

Tgt Ion: 75 Resp: 62311
 Ion Ratio Lower Upper
 75 100
 77 34.0 24.9 37.3
 39 51.7 39.2 58.8

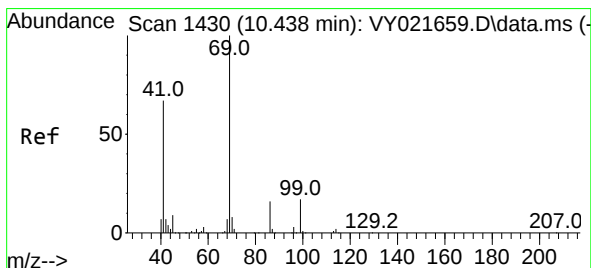
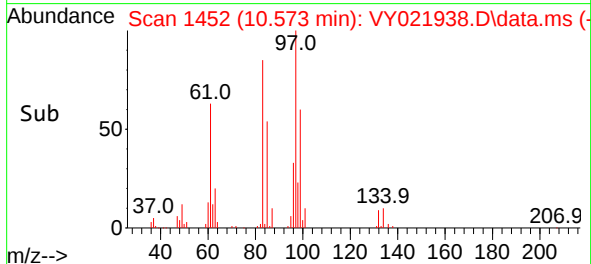
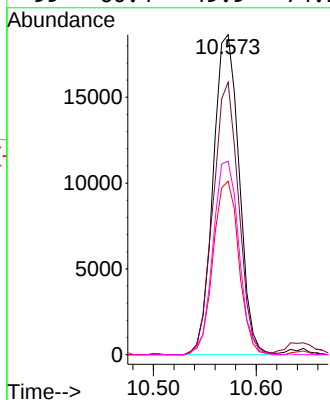
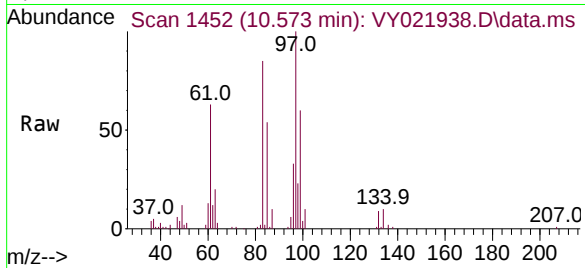




#55
1,1,2-Trichloroethane
Concen: 21.870 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

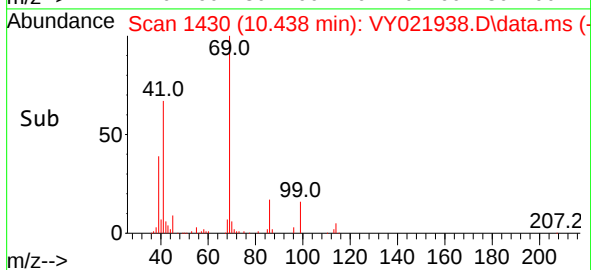
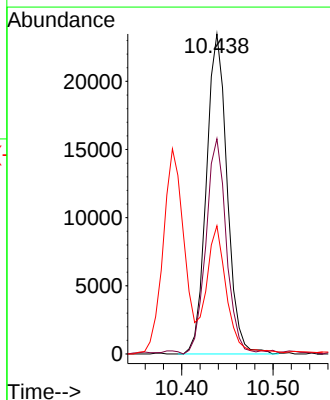
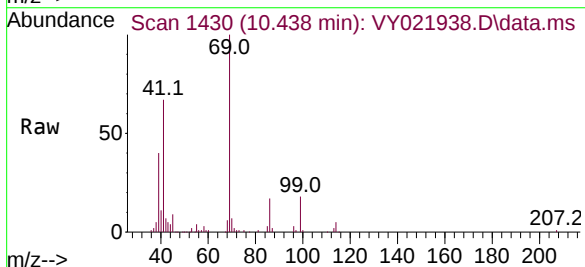
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

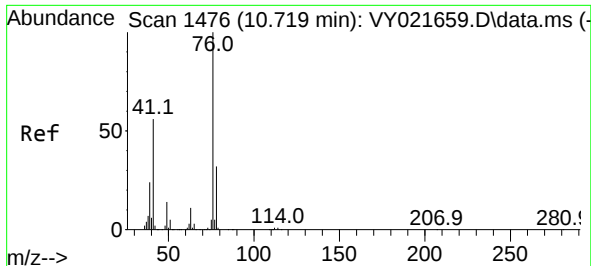
Tgt Ion:	97	Resp:	32667
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.5	104.3
85	54.2	43.9	65.9
99	60.4	49.9	74.9



#56
Ethyl methacrylate
Concen: 19.415 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion:	69	Resp:	37030
Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.8	80.6
39	38.3	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.814 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

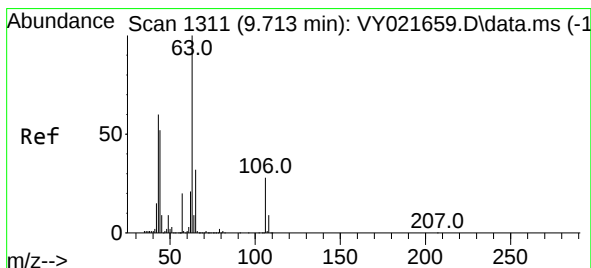
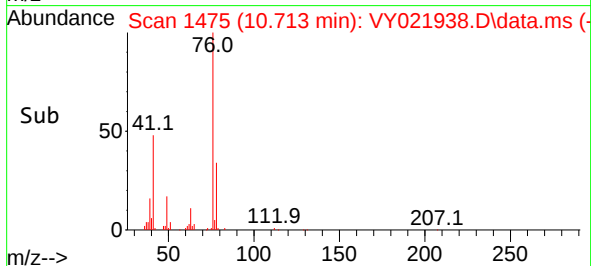
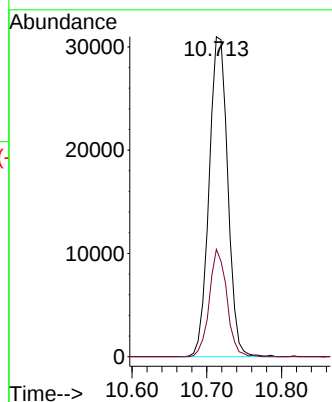
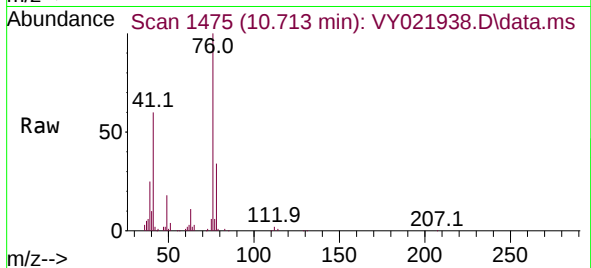
VY0421SBSD01

Tgt Ion: 76 Resp: 53694

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 107.593 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021938.D

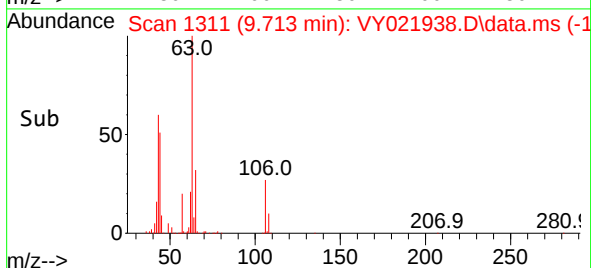
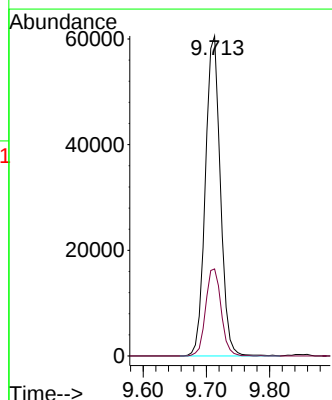
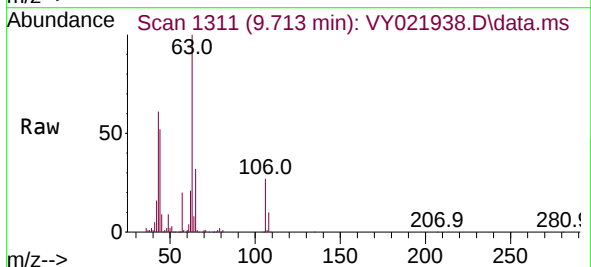
Acq: 21 Apr 2025 10:41

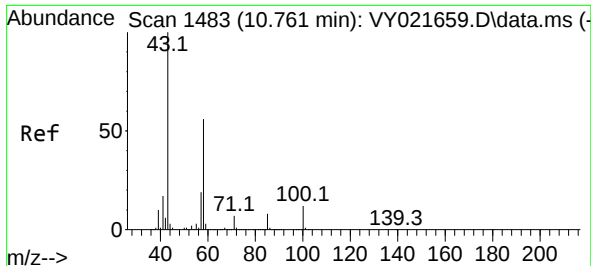
Tgt Ion: 63 Resp: 100110

Ion Ratio Lower Upper

63 100

106 28.1 22.4 33.6





#59

2-Hexanone

Concen: 99.943 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

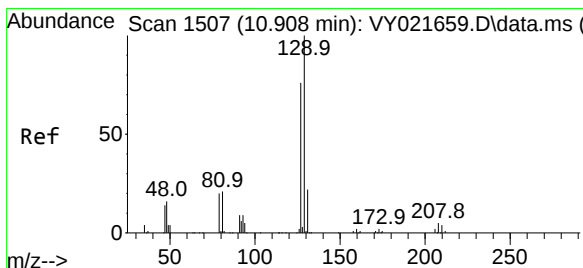
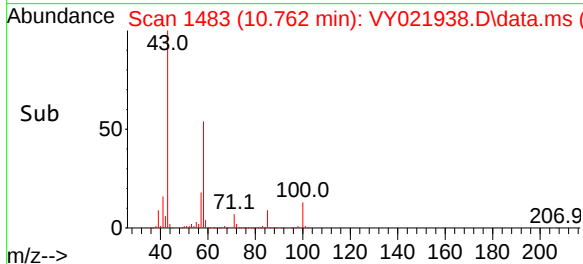
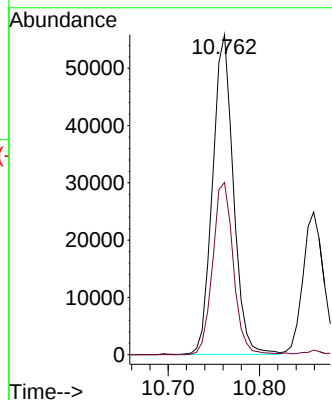
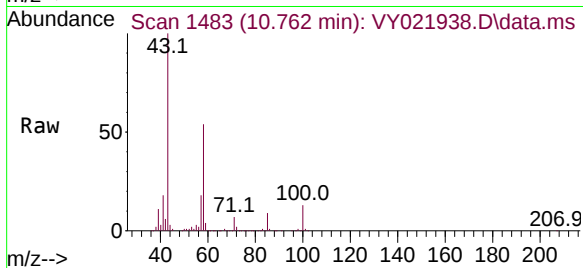
VY0421SBSD01

Tgt Ion: 43 Resp: 88016

Ion Ratio Lower Upper

43 100

58 53.7 27.2 81.5



#60

Dibromochloromethane

Concen: 21.133 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021938.D

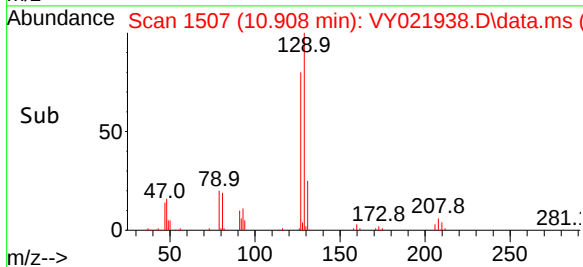
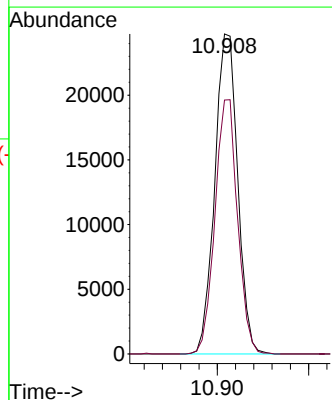
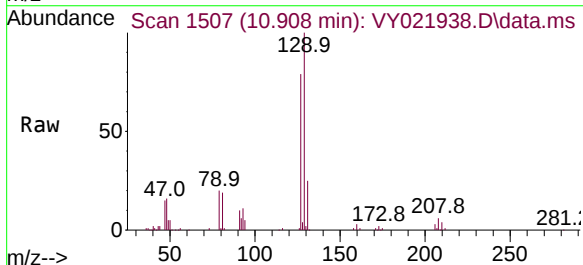
Acq: 21 Apr 2025 10:41

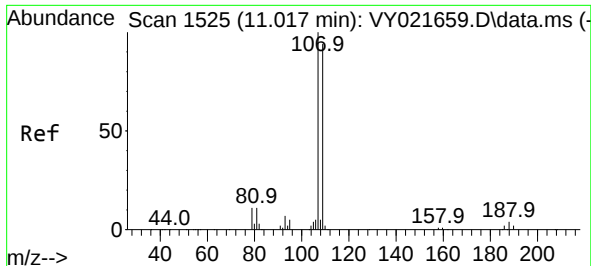
Tgt Ion: 129 Resp: 43098

Ion Ratio Lower Upper

129 100

127 78.5 38.6 115.7

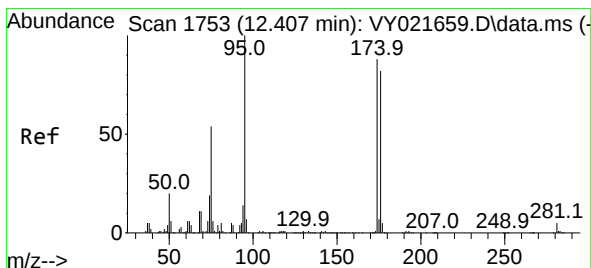
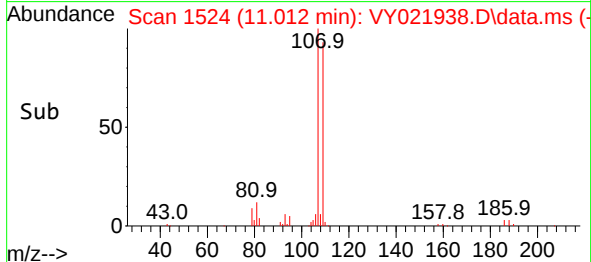
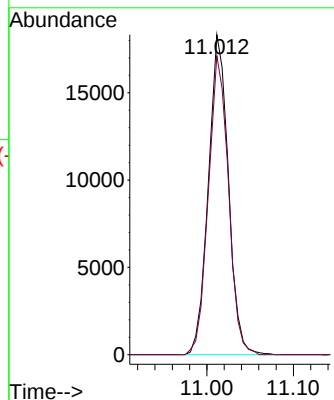
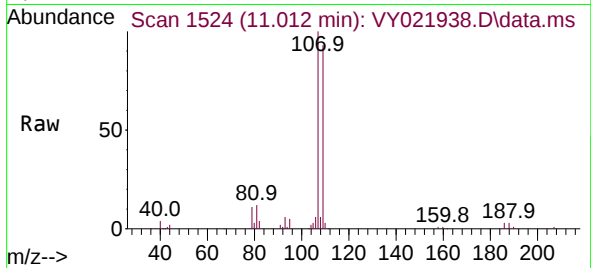




#61
1,2-Dibromoethane
Concen: 20.964 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

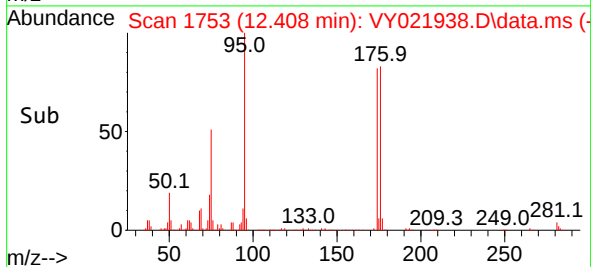
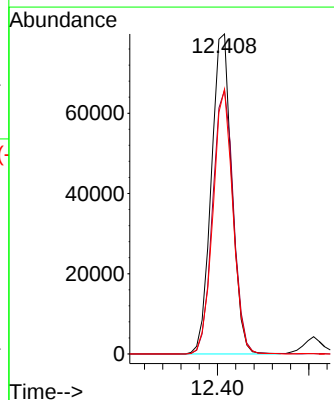
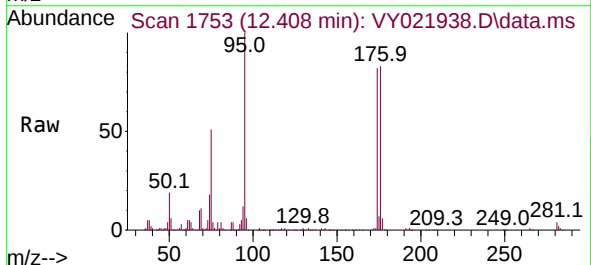
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

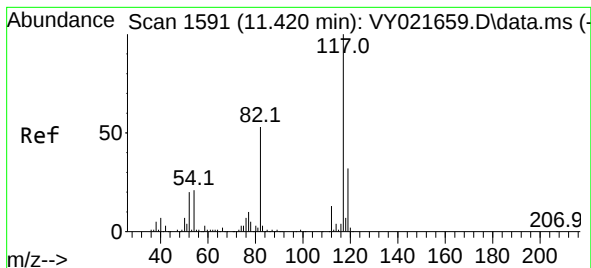
Tgt Ion:107 Resp: 29375
Ion Ratio Lower Upper
107 100
109 93.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 51.538 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

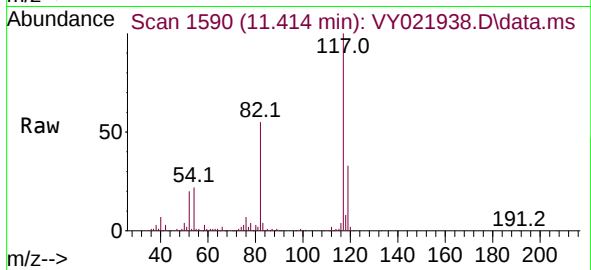
Tgt Ion: 95 Resp: 123704
Ion Ratio Lower Upper
95 100
174 84.1 0.0 170.8
176 80.4 0.0 162.0



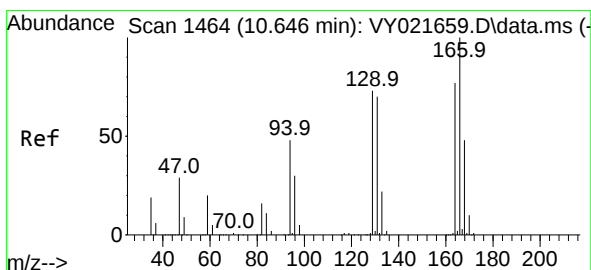
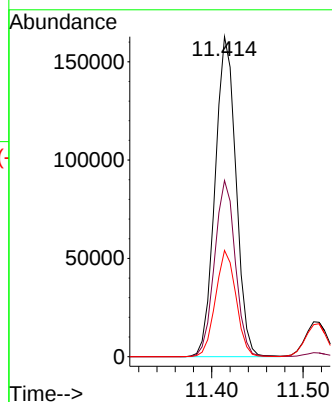
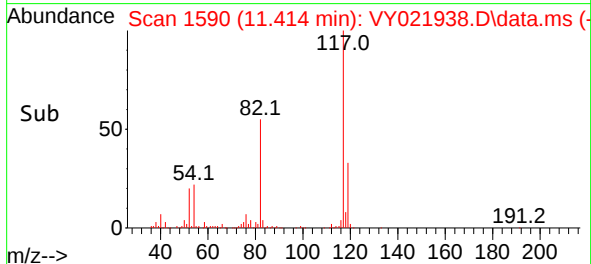


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

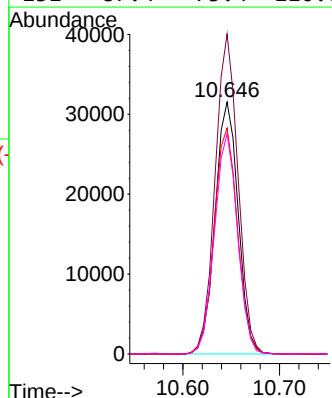
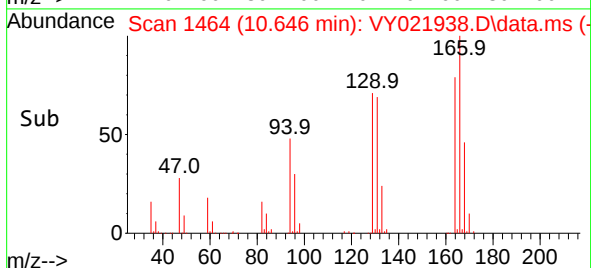
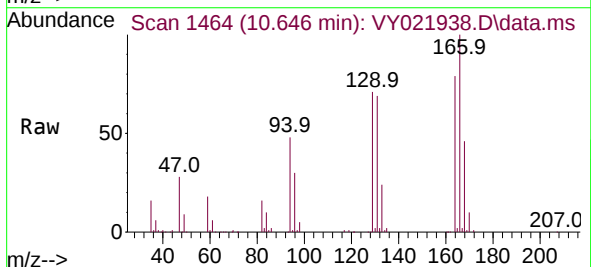


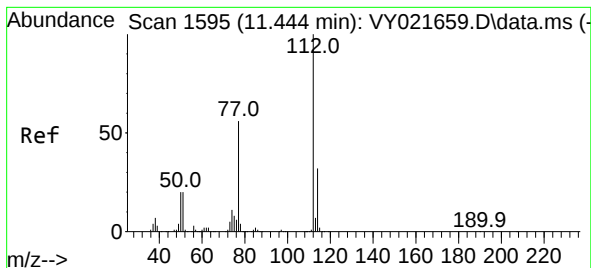
Tgt Ion:117 Resp: 258721
Ion Ratio Lower Upper
117 100
82 55.0 42.8 64.2
119 33.2 25.7 38.5



#64
Tetrachloroethene
Concen: 22.152 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion:164 Resp: 52197
Ion Ratio Lower Upper
164 100
166 127.0 104.6 156.8
129 89.7 76.6 114.8
131 87.4 73.4 110.0

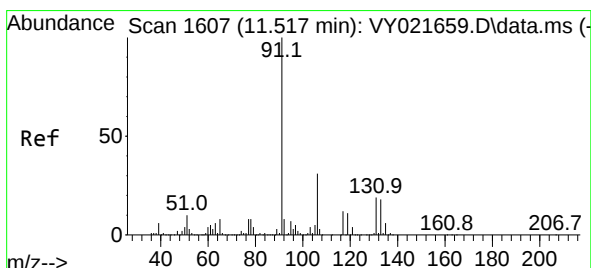
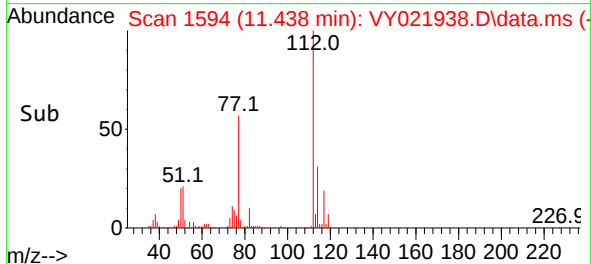
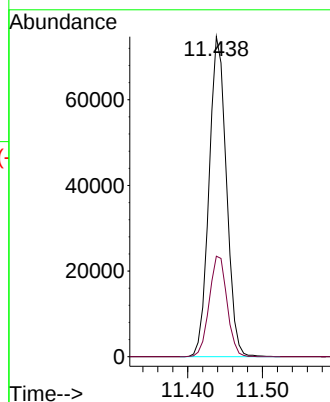
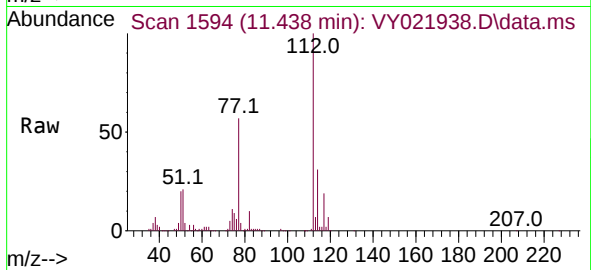




#65
Chlorobenzene
Concen: 20.356 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

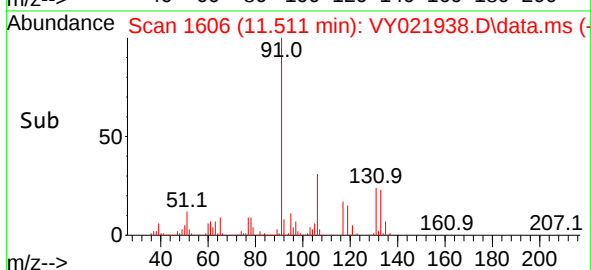
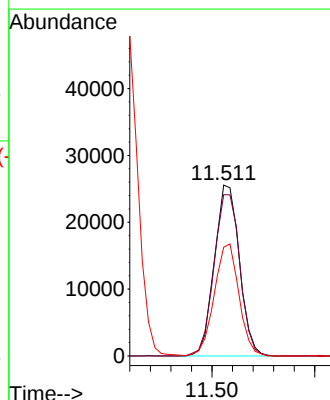
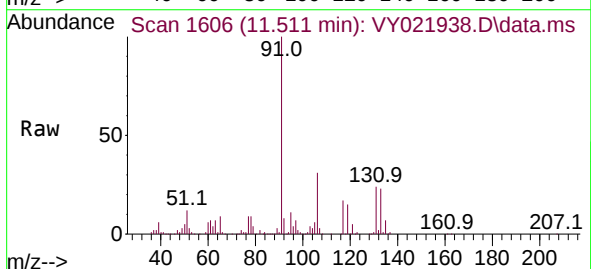
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

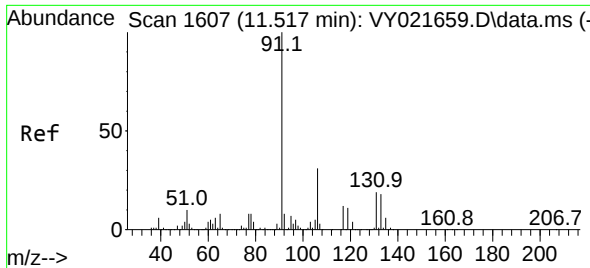
Tgt Ion:112 Resp: 120728
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.497 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion:131 Resp: 43131
Ion Ratio Lower Upper
131 100
133 97.7 47.3 141.8
119 64.7 31.6 95.0

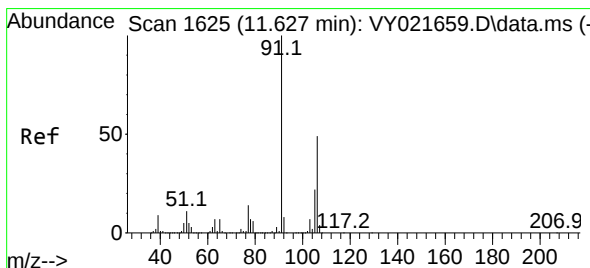
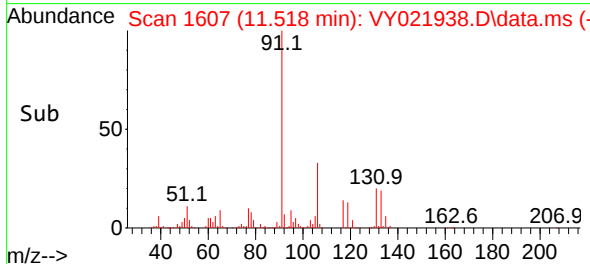
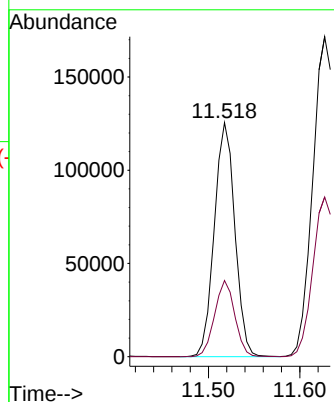
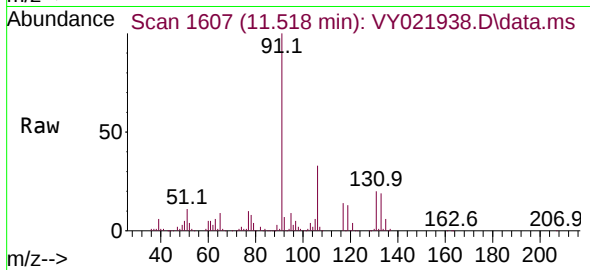




#67
Ethyl Benzene
Concen: 19.302 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

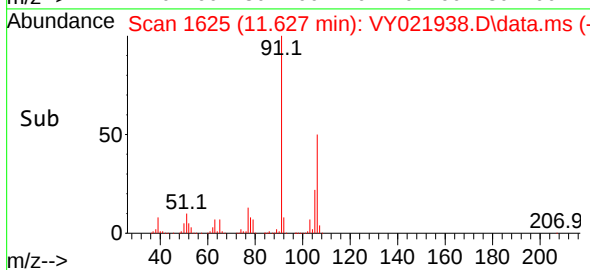
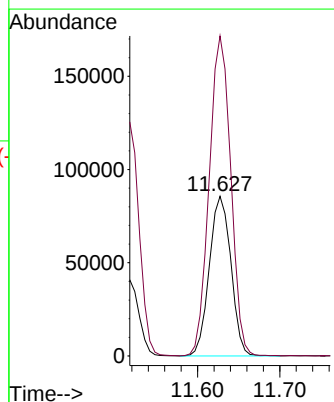
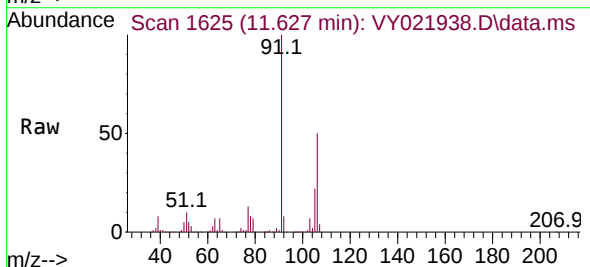
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

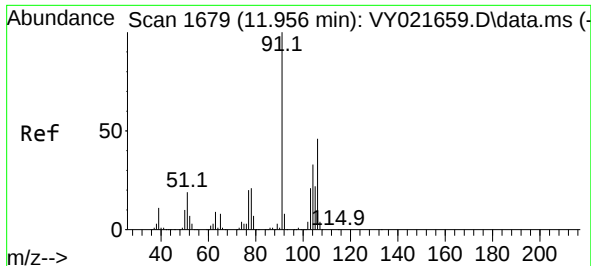
Tgt Ion: 91 Resp: 196300
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8



#68
m/p-Xylenes
Concen: 40.186 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion:106 Resp: 156499
Ion Ratio Lower Upper
106 100
91 199.9 162.4 243.6

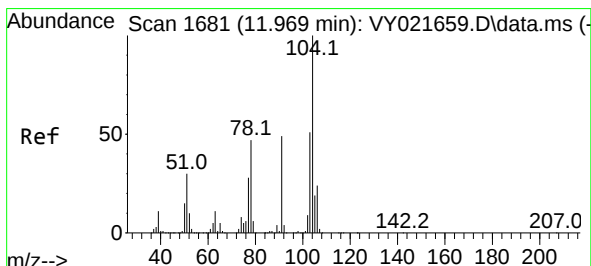
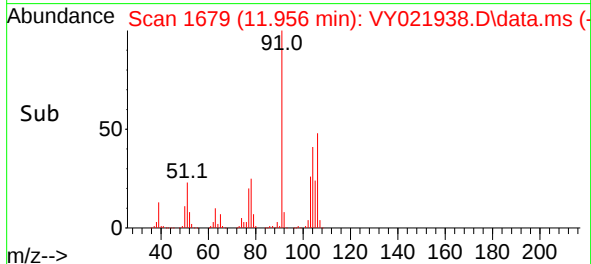
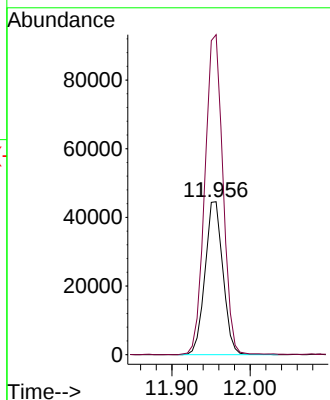
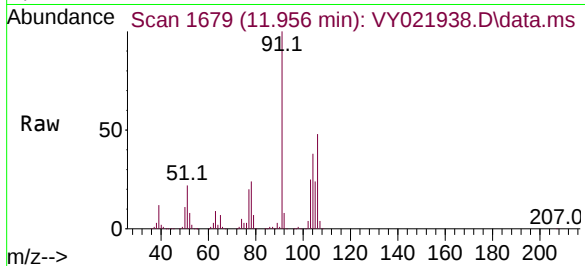




#69
o-Xylene
Concen: 19.665 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

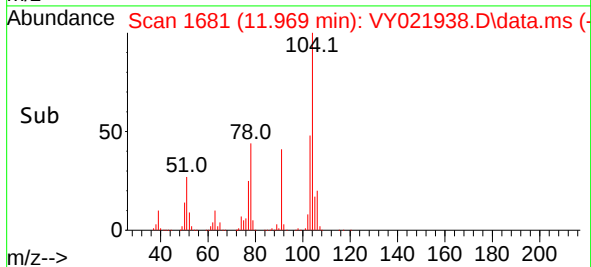
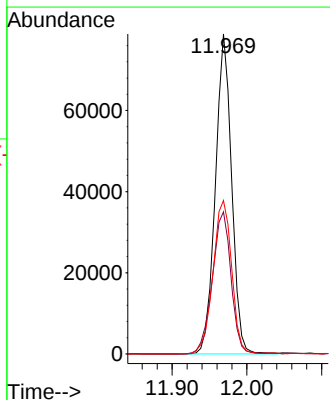
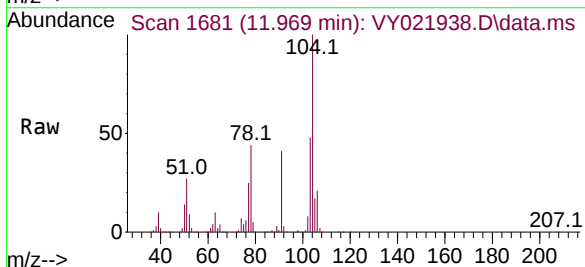
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

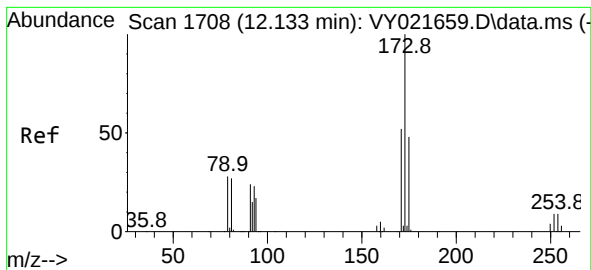
Tgt Ion:106 Resp: 70690
Ion Ratio Lower Upper
106 100
91 210.8 106.7 319.9



#70
Styrene
Concen: 19.926 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion:104 Resp: 119429
Ion Ratio Lower Upper
104 100
78 51.3 40.8 61.2
103 54.9 44.2 66.2





#71

Bromoform

Concen: 21.620 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

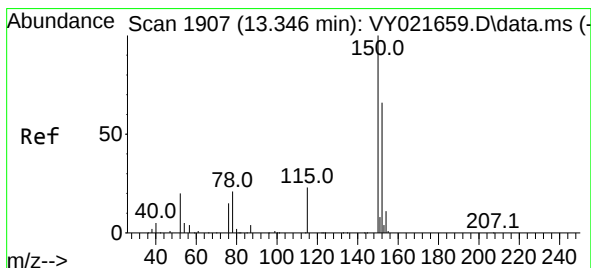
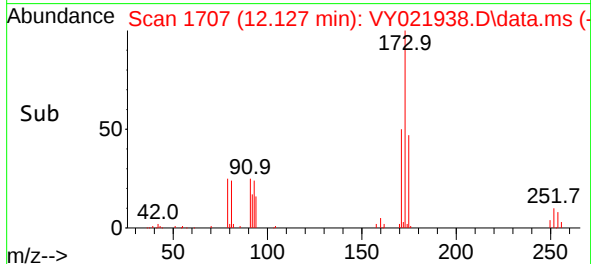
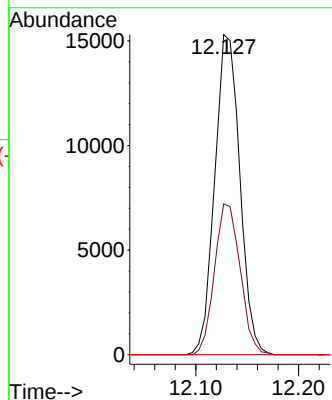
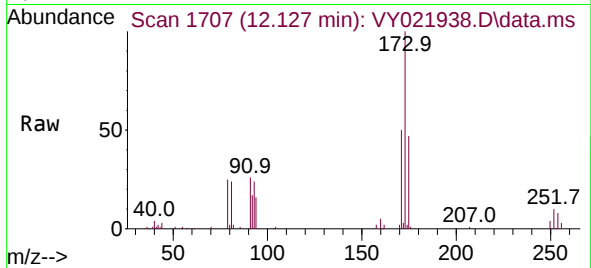
Tgt Ion:173 Resp: 25950

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

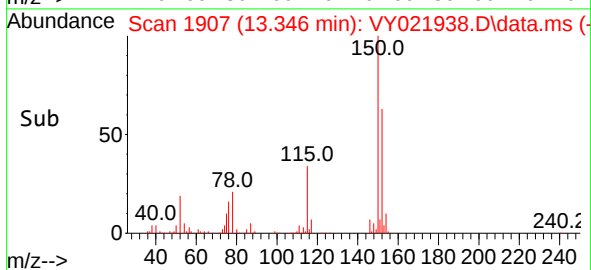
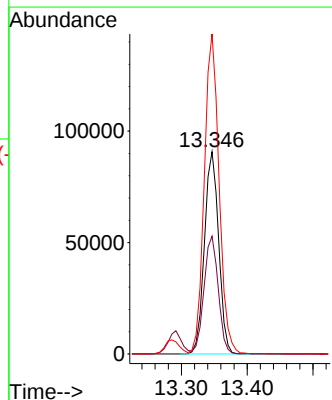
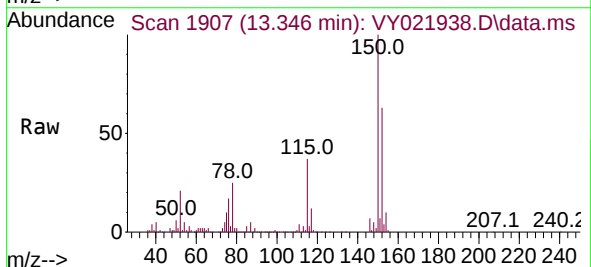
Tgt Ion:152 Resp: 136375

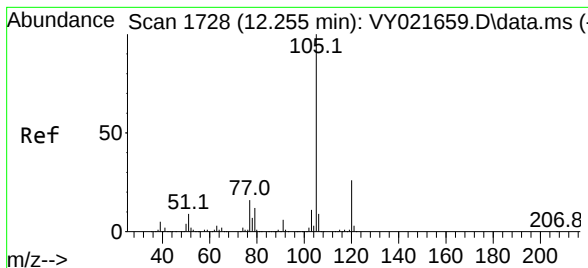
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 164.7 0.0 348.4





#73

Isopropylbenzene

Concen: 18.318 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

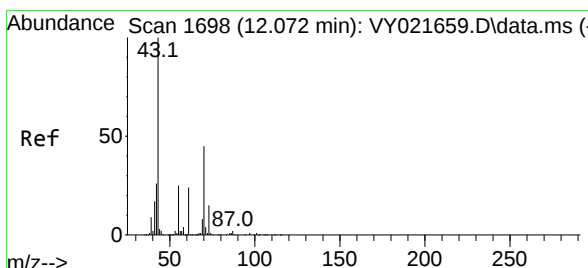
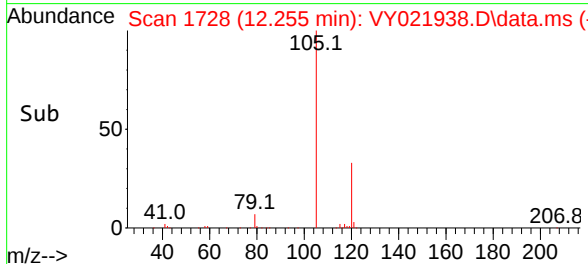
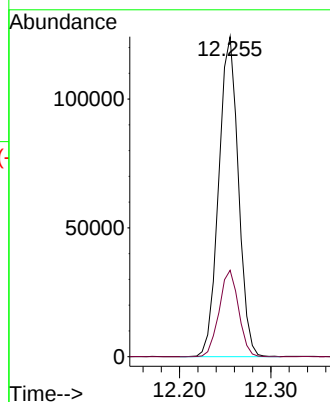
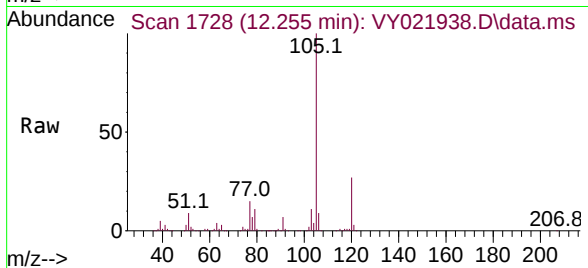
VY0421SBSD01

Tgt Ion:105 Resp: 185545

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 17.768 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Tgt Ion: 43 Resp: 42238

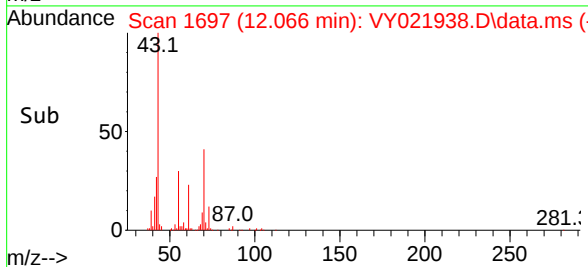
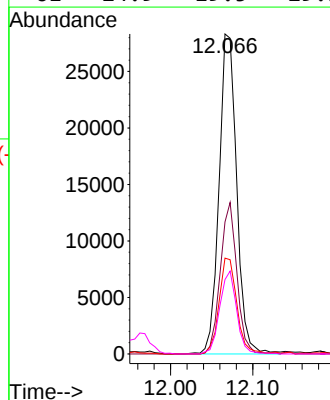
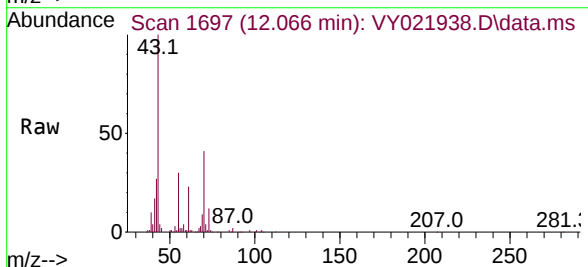
Ion Ratio Lower Upper

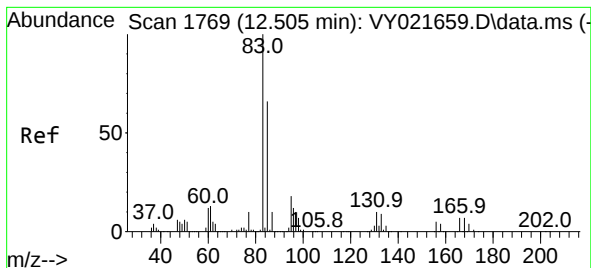
43 100

70 44.6 34.7 52.1

55 30.1 21.2 31.8

61 24.9 19.5 29.3

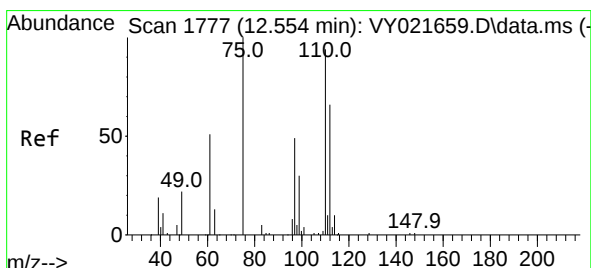
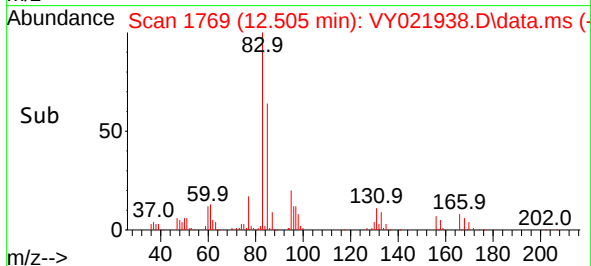
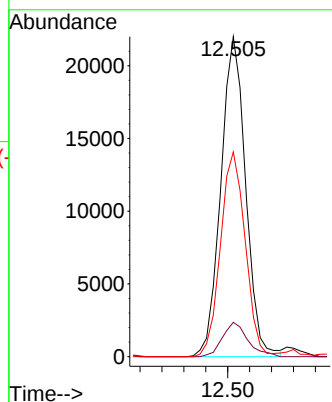
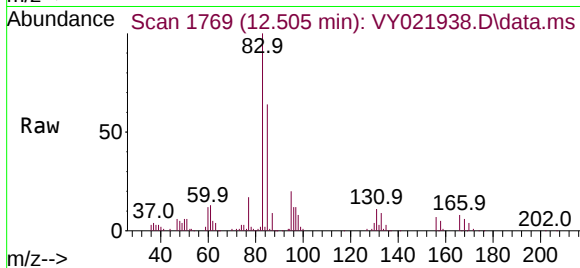




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.966 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

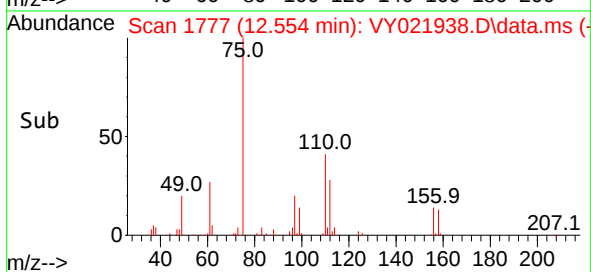
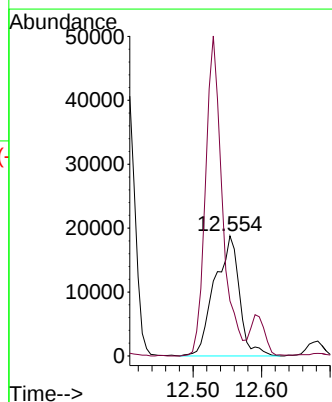
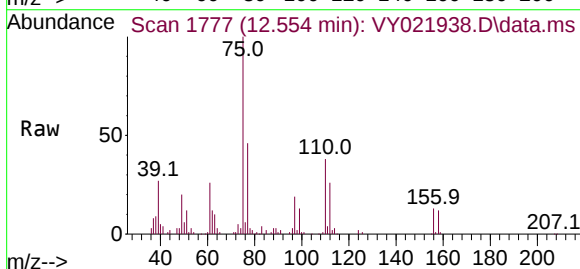
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBSD01

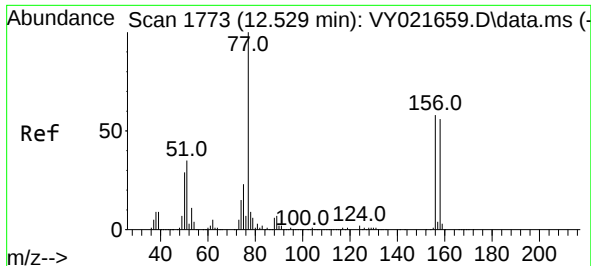
Tgt Ion: 83 Resp: 34540
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 63.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.950 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

Tgt Ion: 75 Resp: 47247
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

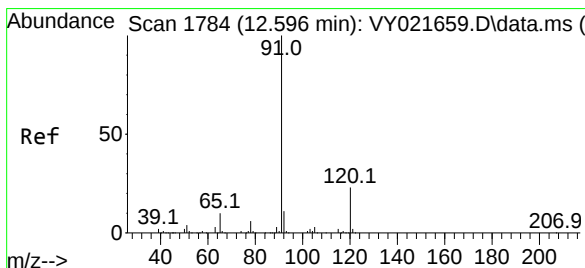
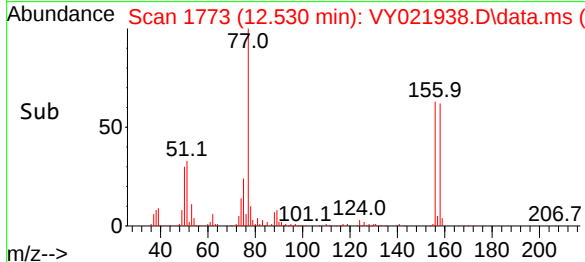
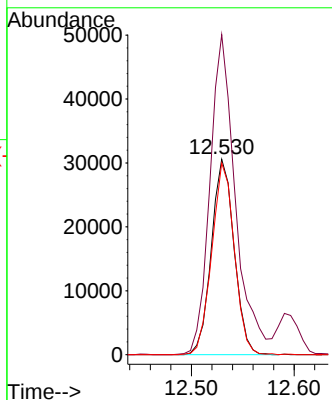
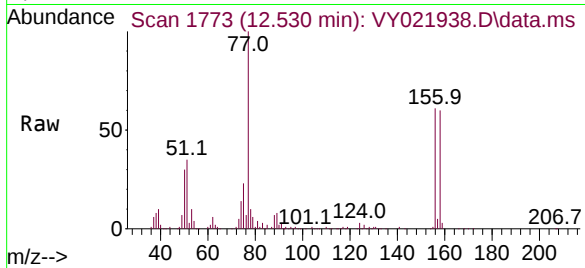




#77
Bromobenzene
Concen: 19.287 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

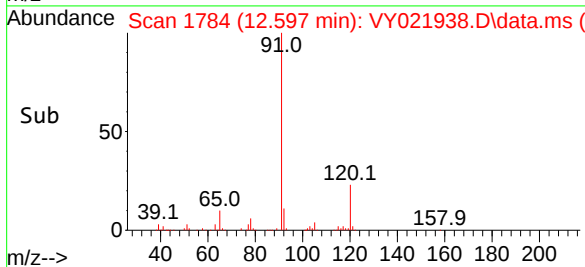
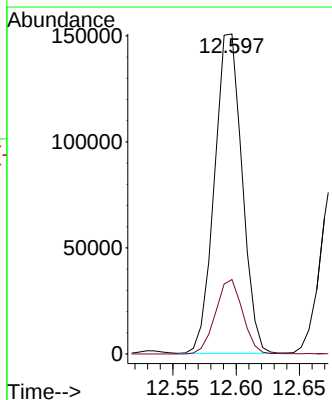
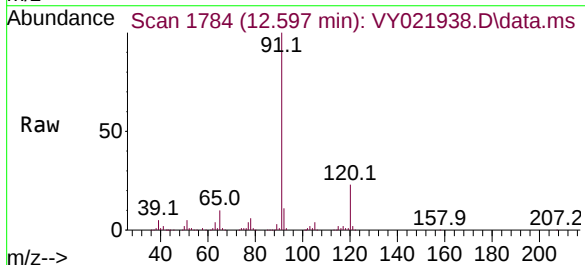
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBS01

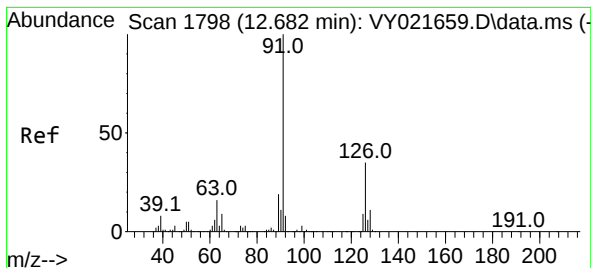
Tgt Ion:156 Resp: 46905
Ion Ratio Lower Upper
156 100
77 182.7 92.8 278.3
158 97.2 48.5 145.6



#78
n-propylbenzene
Concen: 18.781 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 91 Resp: 228710
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.079 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

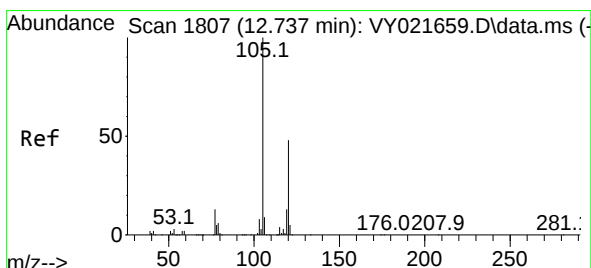
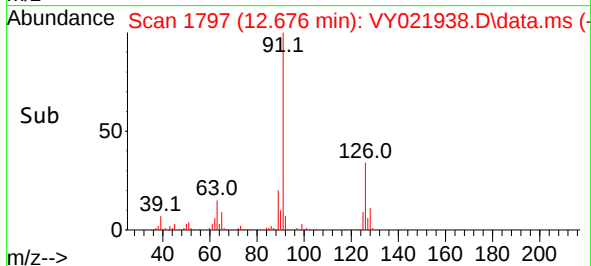
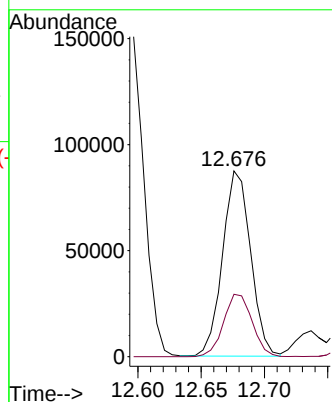
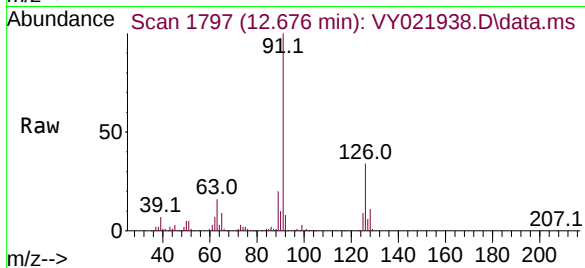
VY0421SBS01

Tgt Ion: 91 Resp: 134943

Ion Ratio Lower Upper

91 100

126 34.3 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 19.103 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021938.D

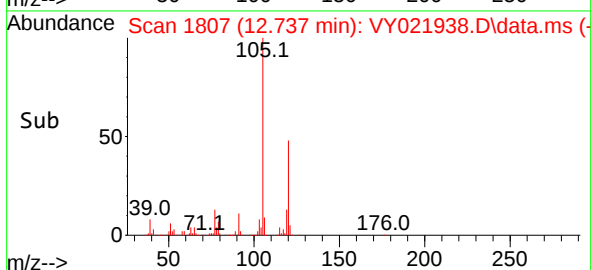
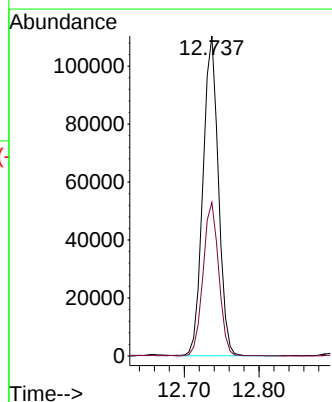
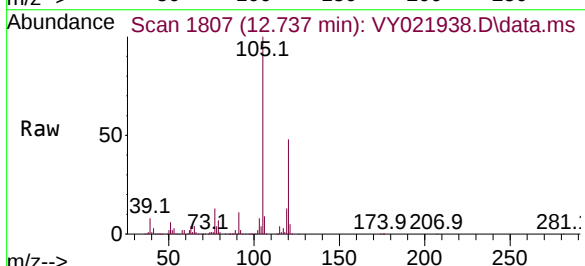
Acq: 21 Apr 2025 10:41

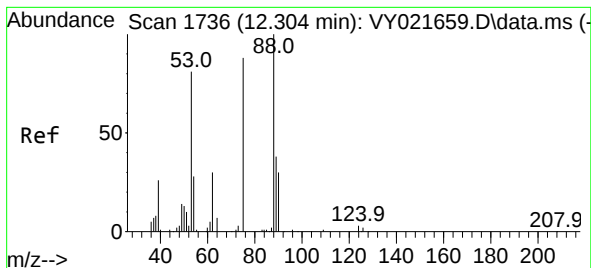
Tgt Ion:105 Resp: 158146

Ion Ratio Lower Upper

105 100

120 48.7 24.5 73.5

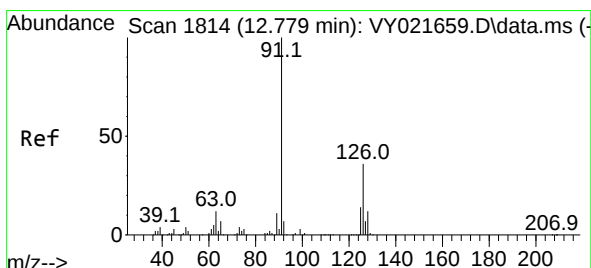
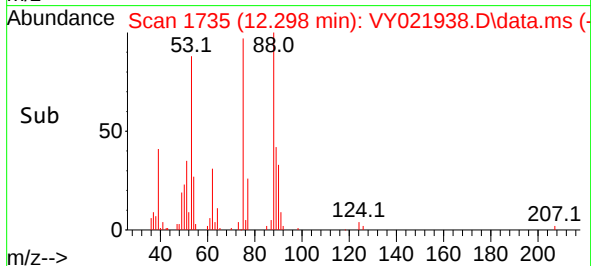
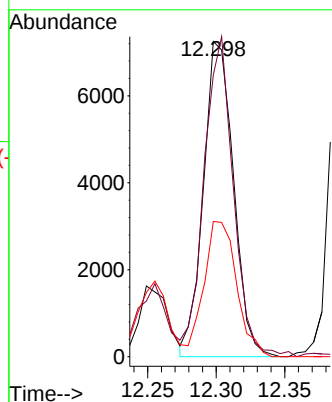
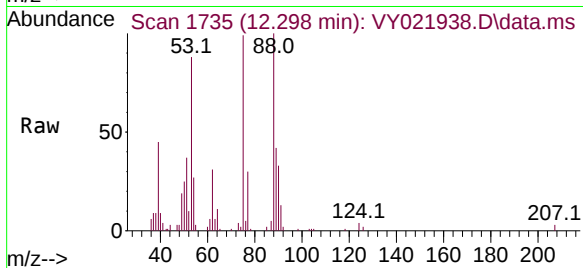




#81
trans-1,4-Dichloro-2-butene
Concen: 18.882 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

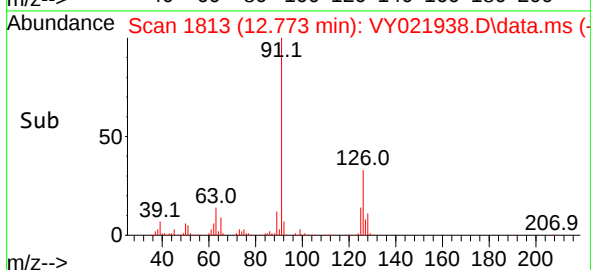
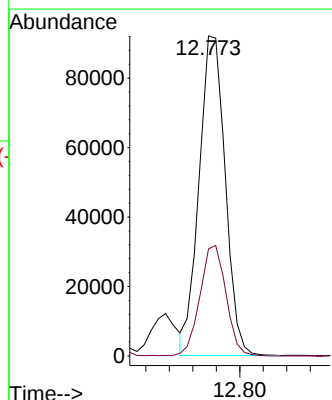
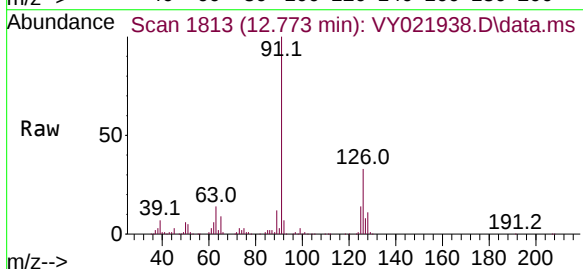
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBSD01

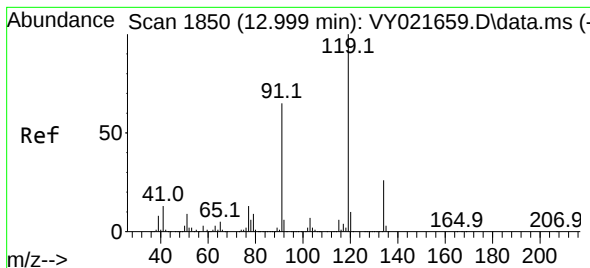
Tgt Ion: 75 Resp: 11078
Ion Ratio Lower Upper
75 100
53 98.7 76.1 114.1
89 46.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.340 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021938.D
Acq: 21 Apr 2025 10:41

Tgt Ion: 91 Resp: 142613
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 18.307 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBSD01

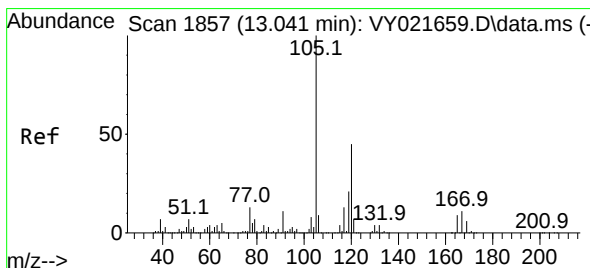
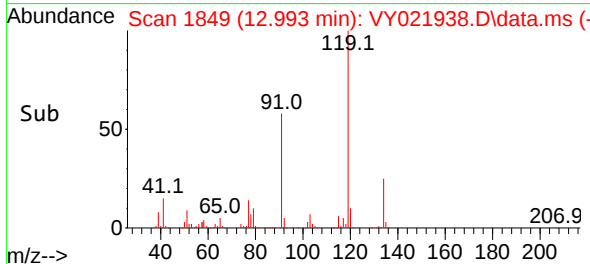
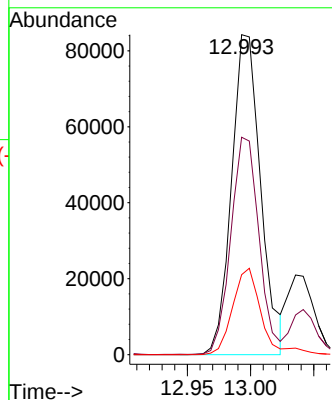
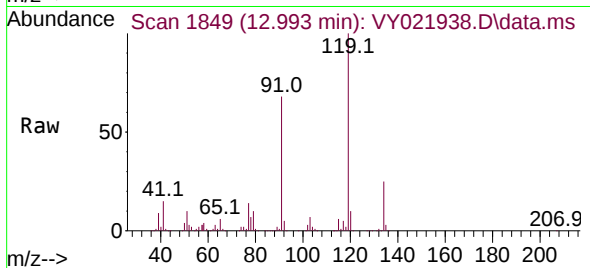
Tgt Ion:119 Resp: 134989

Ion Ratio Lower Upper

119 100

91 65.7 32.6 97.7

134 26.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.630 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021938.D

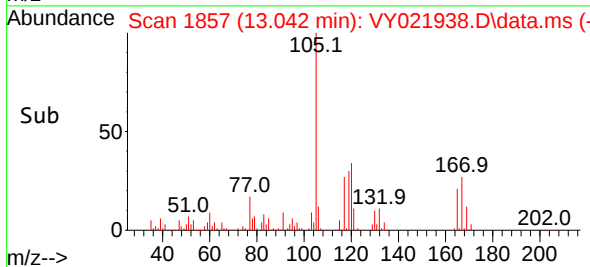
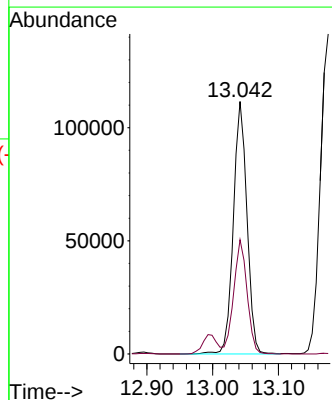
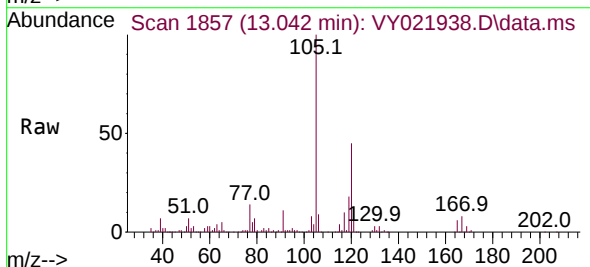
Acq: 21 Apr 2025 10:41

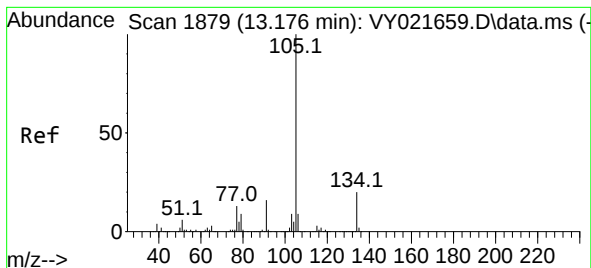
Tgt Ion:105 Resp: 160612

Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 18.942 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

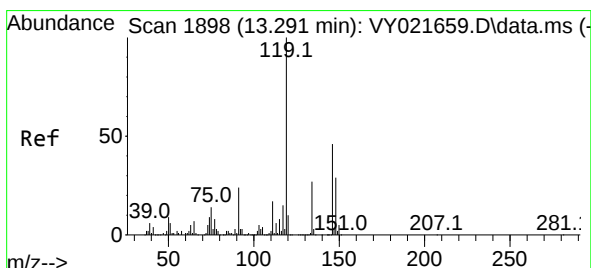
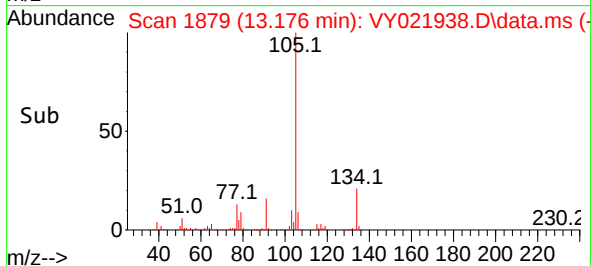
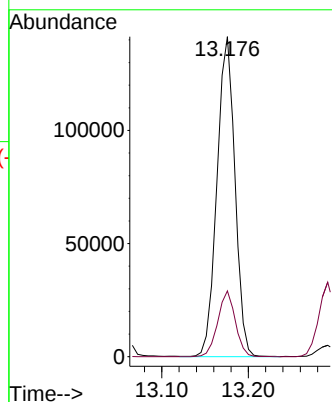
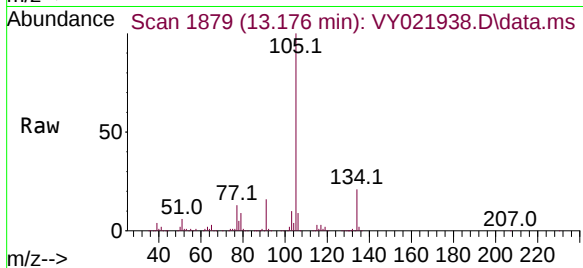
VY0421SBSD01

Tgt Ion:105 Resp: 204114

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.119 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

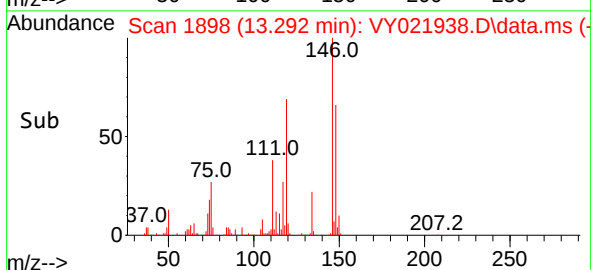
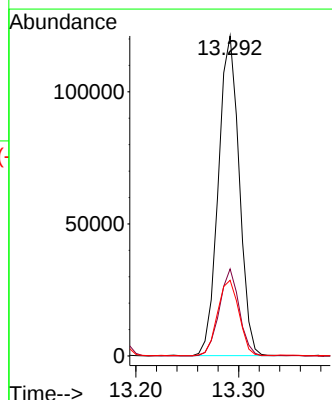
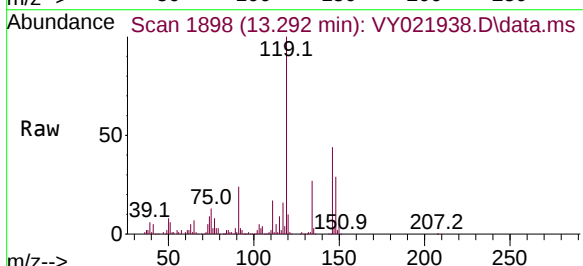
Tgt Ion:119 Resp: 170280

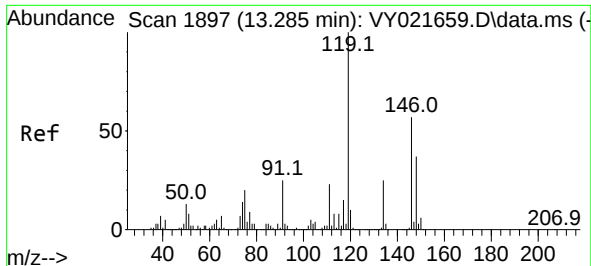
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 24.3 12.0 36.0

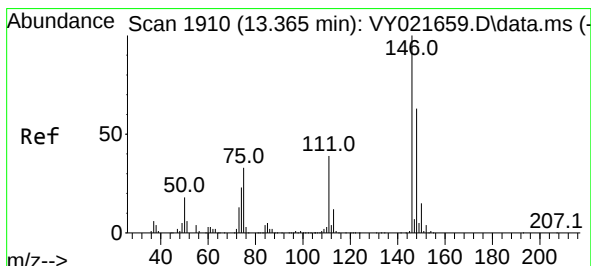
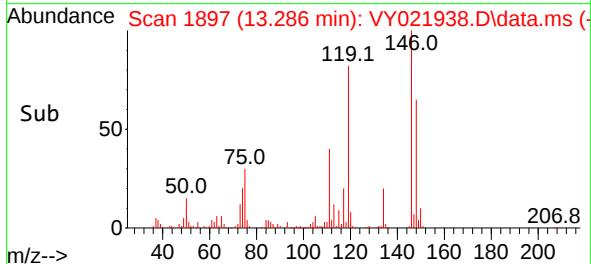
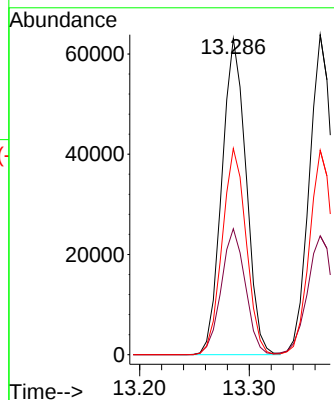
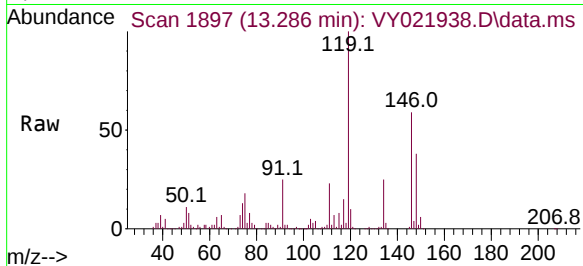




#87
 1,3-Dichlorobenzene
 Concen: 20.251 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

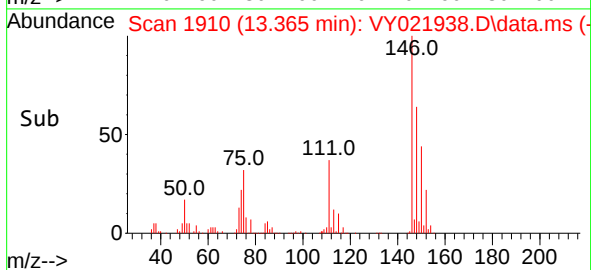
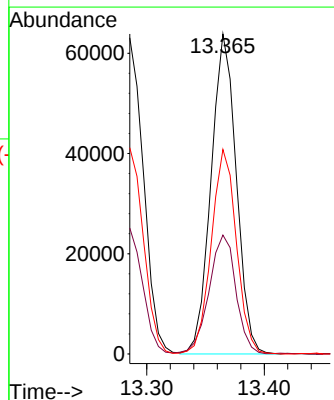
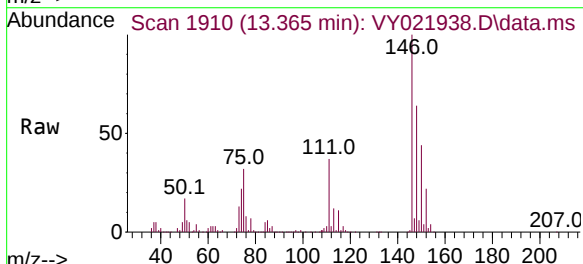
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Tgt Ion:146 Resp: 97033
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 60.0
 148 64.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.164 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021938.D
 Acq: 21 Apr 2025 10:41

Tgt Ion:146 Resp: 95456
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.1
 148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 18.646 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

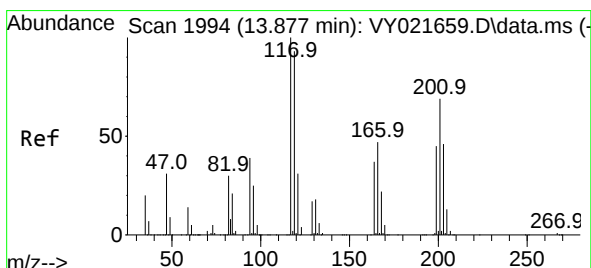
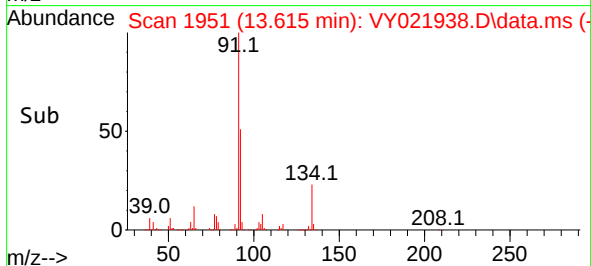
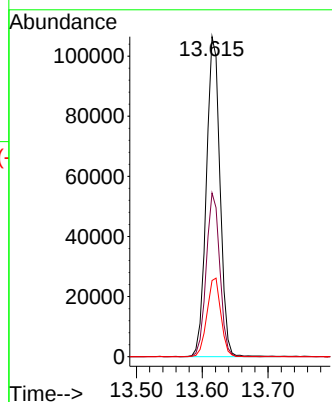
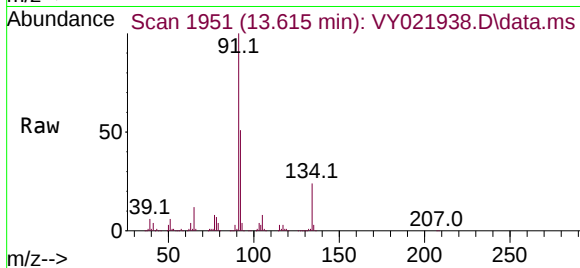
Tgt Ion: 91 Resp: 153578

Ion Ratio Lower Upper

91 100

92 50.8 26.4 79.2

134 25.0 12.8 38.4



#90

Hexachloroethane

Concen: 18.875 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021938.D

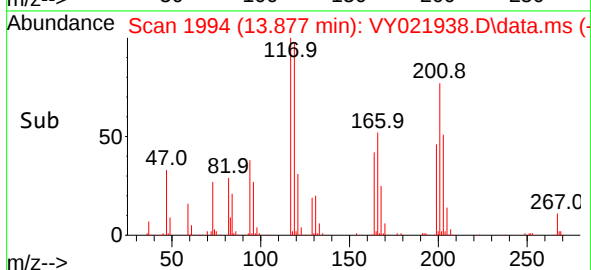
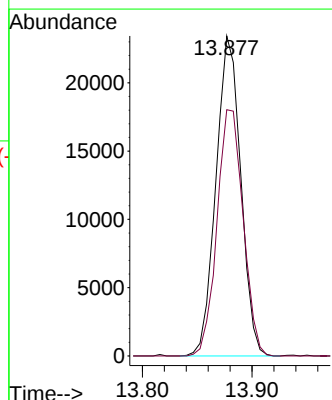
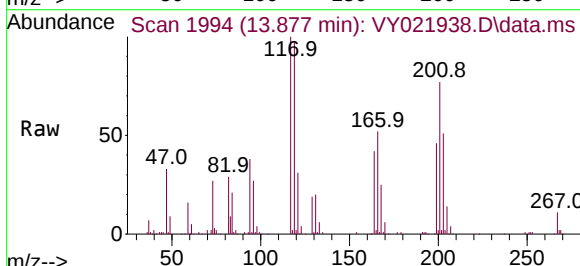
Acq: 21 Apr 2025 10:41

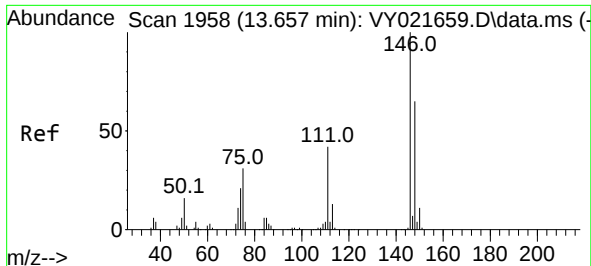
Tgt Ion: 117 Resp: 36837

Ion Ratio Lower Upper

117 100

201 81.0 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 20.128 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBSD01

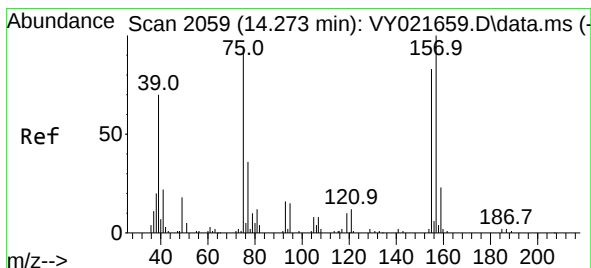
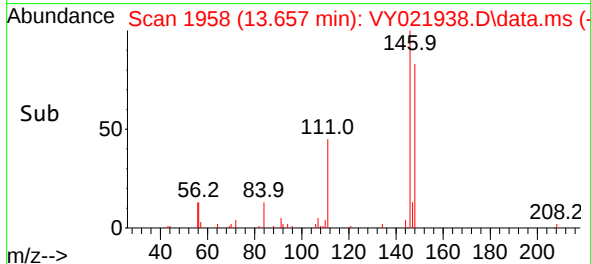
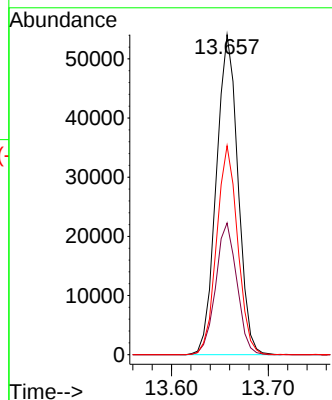
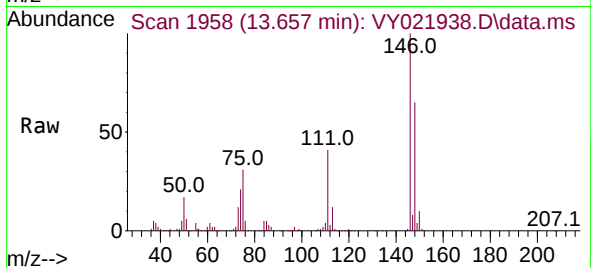
Tgt Ion:146 Resp: 83956

Ion Ratio Lower Upper

146 100

111 40.3 20.7 62.1

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.474 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

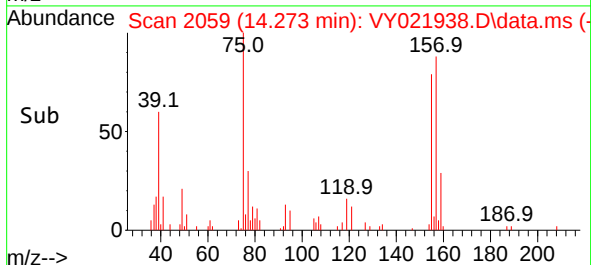
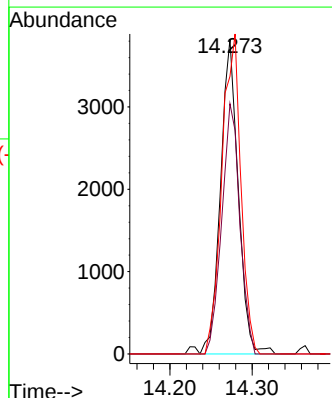
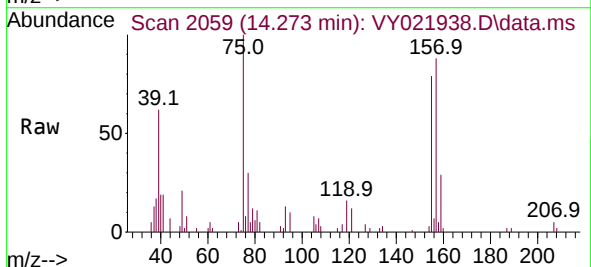
Tgt Ion: 75 Resp: 5779

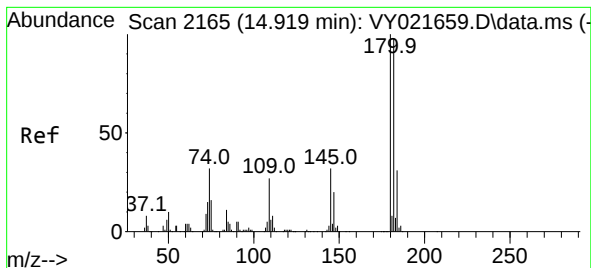
Ion Ratio Lower Upper

75 100

155 80.2 43.0 128.8

157 107.3 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.624 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBS01

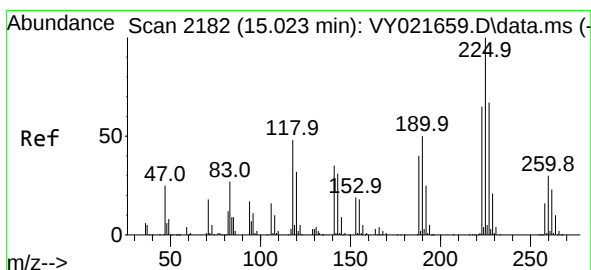
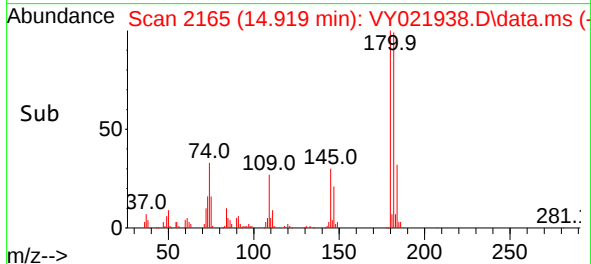
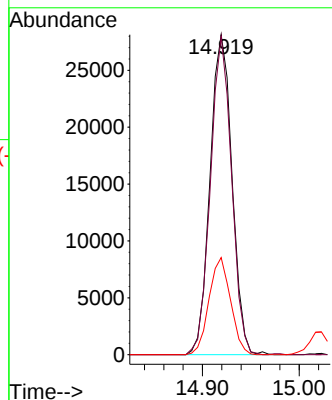
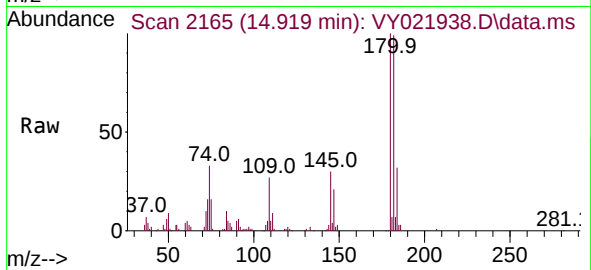
Tgt Ion:180 Resp: 44388

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.6

145 29.8 14.9 44.9



#94

Hexachlorobutadiene

Concen: 20.601 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

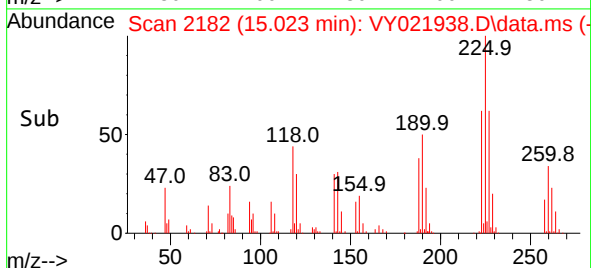
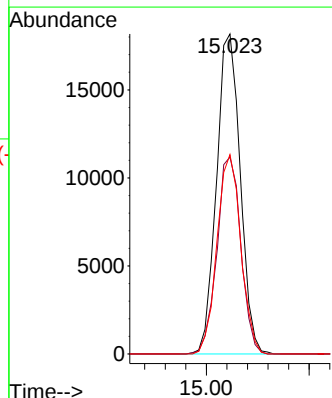
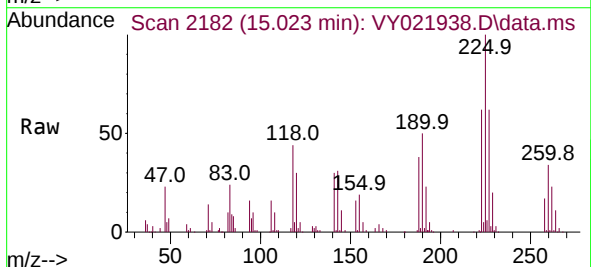
Tgt Ion:225 Resp: 29102

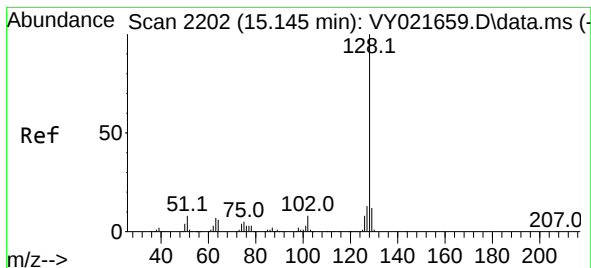
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.7

227 62.4 32.4 97.0





#95

Naphthalene

Concen: 18.753 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBSD01

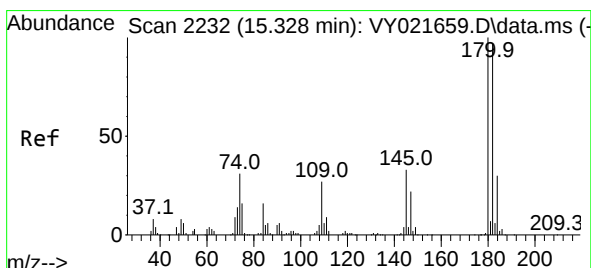
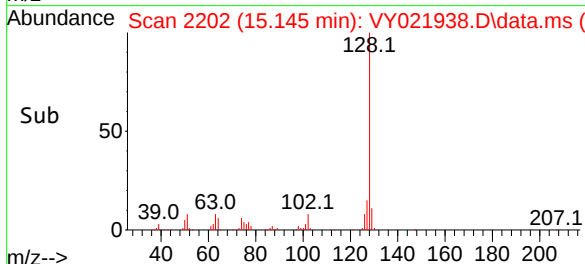
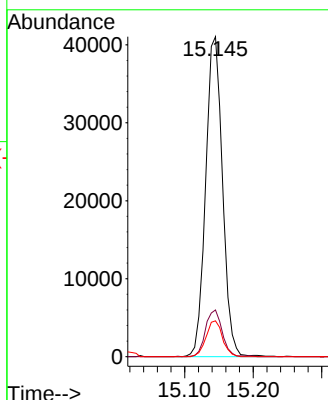
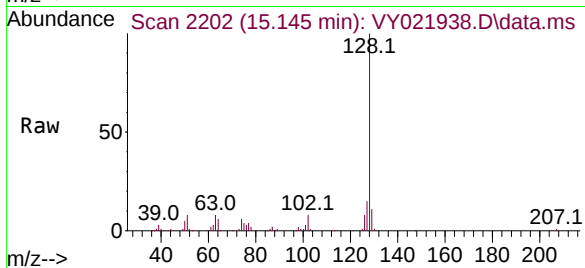
Tgt Ion:128 Resp: 70308

Ion Ratio Lower Upper

128 100

127 14.4 10.8 16.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.483 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021938.D

Acq: 21 Apr 2025 10:41

Tgt Ion:180 Resp: 39508

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

145 30.9 15.9 47.7

