

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021733.D
 Acq On : 01 Apr 2025 11:30
 Operator : SY/MD
 Sample : VY0401SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS01

Quant Time: Apr 02 03:22:04 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	262284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	407591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	358349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	179014	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148566	52.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.634	113	143137	54.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.280%	
50) Toluene-d8	10.103	98	552526	54.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.860%	
62) 4-Bromofluorobenzene	12.408	95	184811	54.320	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	52708	19.389	ug/l	98
3) Chloromethane	2.068	50	69229	18.110	ug/l	98
4) Vinyl Chloride	2.202	62	79314	18.347	ug/l	100
5) Bromomethane	2.586	94	58063	19.693	ug/l	99
6) Chloroethane	2.732	64	52067	18.406	ug/l	99
7) Trichlorofluoromethane	3.056	101	108844	19.655	ug/l	99
8) Diethyl Ether	3.452	74	29391	19.516	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.811	101	58802	20.132	ug/l	99
10) Methyl Iodide	4.000	142	57434	17.924	ug/l	99
11) Tert butyl alcohol	4.854	59	16186	87.691	ug/l	99
12) 1,1-Dichloroethene	3.787	96	54196	19.700	ug/l	91
13) Acrolein	3.647	56	25175	74.696	ug/l	100
14) Allyl chloride	4.378	41	82560	18.822	ug/l	98
15) Acrylonitrile	5.055	53	58322	92.750	ug/l	99
16) Acetone	3.866	43	54827	94.269	ug/l	93
17) Carbon Disulfide	4.104	76	168907	18.640	ug/l	97
18) Methyl Acetate	4.385	43	26825	18.610	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	130257	19.017	ug/l	98
20) Methylene Chloride	4.610	84	61724	19.315	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	60292	19.905	ug/l	98
22) Diisopropyl ether	6.018	45	178430	19.391	ug/l	98
23) Vinyl Acetate	5.957	43	500924	93.058	ug/l	97
24) 1,1-Dichloroethane	5.915	63	107840	19.600	ug/l	99
25) 2-Butanone	6.890	43	77870	93.740	ug/l	100
26) 2,2-Dichloropropane	6.884	77	94979	19.406	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	66817	19.615	ug/l	98
28) Bromochloromethane	7.244	49	44742	19.282	ug/l	99
29) Tetrahydrofuran	7.256	42	47928	89.647	ug/l	96
30) Chloroform	7.415	83	111174	19.427	ug/l	92
31) Cyclohexane	7.695	56	94288	18.799	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	102527	19.822	ug/l	99
36) 1,1-Dichloropropene	7.835	75	79309	19.693	ug/l	98
37) Ethyl Acetate	6.982	43	36034	18.959	ug/l	99
38) Carbon Tetrachloride	7.811	117	93478	20.266	ug/l	96
39) Methylcyclohexane	9.109	83	94387	19.619	ug/l	97
40) Benzene	8.079	78	240138	19.911	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	15649	15.504	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	66624	19.595	ug/l	100
43) Isopropyl Acetate	8.195	43	69114	19.189	ug/l #	86
44) Trichloroethene	8.865	130	63043	20.516	ug/l	95
45) 1,2-Dichloropropane	9.140	63	57479	20.134	ug/l	99
46) Dibromomethane	9.225	93	32300	19.632	ug/l	97
47) Bromodichloromethane	9.420	83	84013	19.707	ug/l	99
48) Methyl methacrylate	9.219	41	30905	18.696	ug/l	100
49) 1,4-Dioxane	9.231	88	7023	398.466	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	177237	94.559	ug/l	99
52) Toluene	10.170	92	150299	19.974	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	73353	19.371	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	87090	19.495	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	42257	19.958	ug/l	98
56) Ethyl methacrylate	10.438	69	50856	18.811	ug/l	98
57) 1,3-Dichloropropane	10.719	76	71498	19.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	130109	98.652	ug/l	100
59) 2-Hexanone	10.761	43	118439	94.881	ug/l	100
60) Dibromochloromethane	10.914	129	57761	19.981	ug/l	99
61) 1,2-Dibromoethane	11.011	107	39631	19.954	ug/l	98
64) Tetrachloroethene	10.646	164	67787	20.770	ug/l	96
65) Chlorobenzene	11.444	112	163162	19.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	57780	19.825	ug/l	99
67) Ethyl Benzene	11.517	91	279312	19.829	ug/l	100
68) m/p-Xylenes	11.627	106	213197	39.525	ug/l	99
69) o-Xylene	11.956	106	99393	19.962	ug/l	99
70) Styrene	11.969	104	164968	19.872	ug/l	99
71) Bromoform	12.133	173	34082	20.501	ug/l #	99
73) Isopropylbenzene	12.255	105	263449	19.814	ug/l	100
74) N-amyl acetate	12.072	43	56258	18.029	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	44993	18.822	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	61772	34.811	ug/l #	100
77) Bromobenzene	12.529	156	63312	19.832	ug/l	99
78) n-propylbenzene	12.597	91	318964	19.954	ug/l	98
79) 2-Chlorotoluene	12.682	91	185554	19.986	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	217918	20.054	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	14203	18.443	ug/l	97
82) 4-Chlorotoluene	12.779	91	193577	19.999	ug/l	99
83) tert-Butylbenzene	12.999	119	192081	19.845	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	216682	20.175	ug/l	99
85) sec-Butylbenzene	13.176	105	282492	19.971	ug/l	100
86) p-Isopropyltoluene	13.291	119	232750	19.909	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	124312	19.765	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	122507	19.714	ug/l	98
89) n-Butylbenzene	13.615	91	210873	19.504	ug/l	100
90) Hexachloroethane	13.877	117	49366	19.269	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	107999	19.725	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7455	20.121	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	57035	19.209	ug/l	99
94) Hexachlorobutadiene	15.023	225	37553	20.252	ug/l	97
95) Naphthalene	15.145	128	90494	18.388	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	48126	19.008	ug/l	99

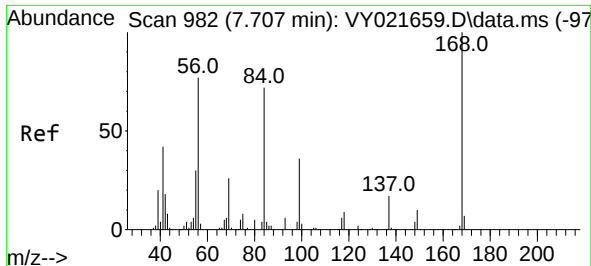
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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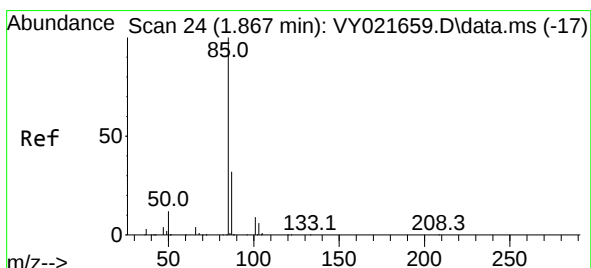
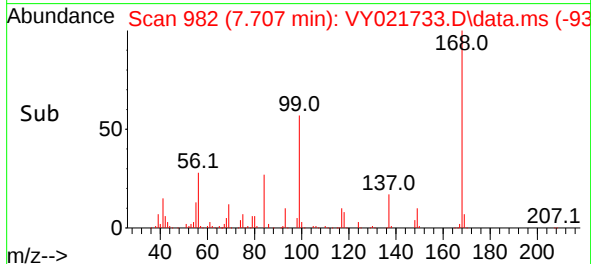
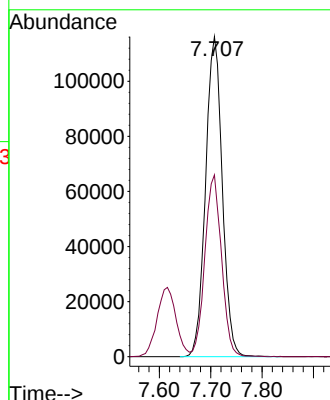
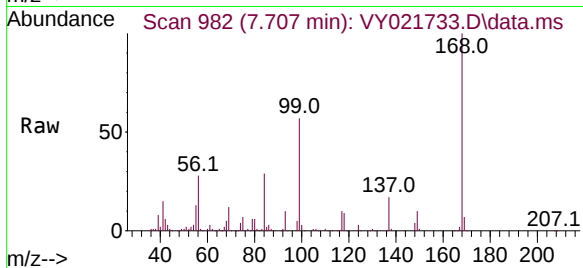
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

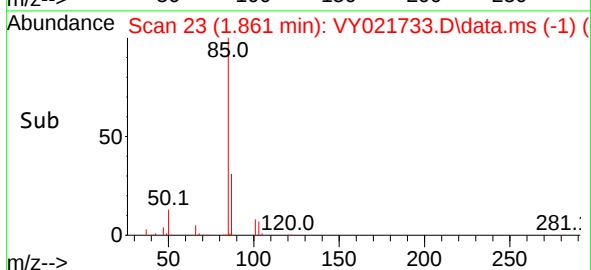
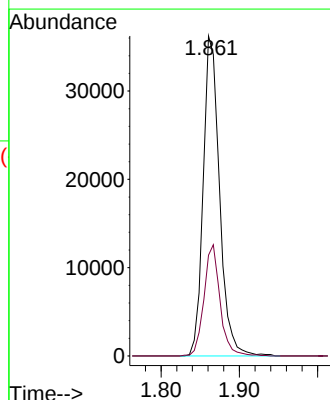
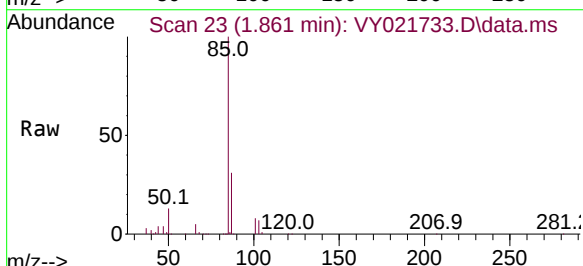
Instrument :
MSVOA_Y
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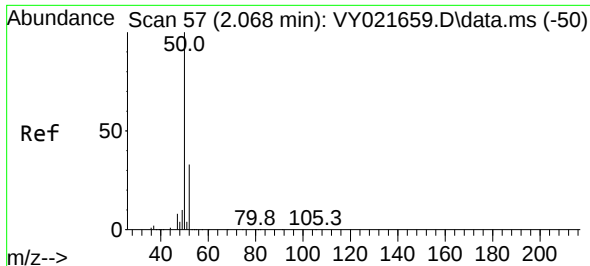
Tgt Ion:168 Resp: 262284
Ion Ratio Lower Upper
168 100
99 56.7 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.389 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 85 Resp: 52708
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.6

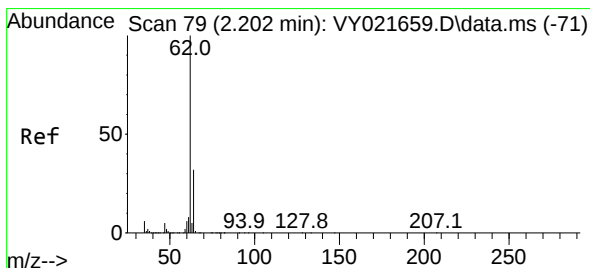
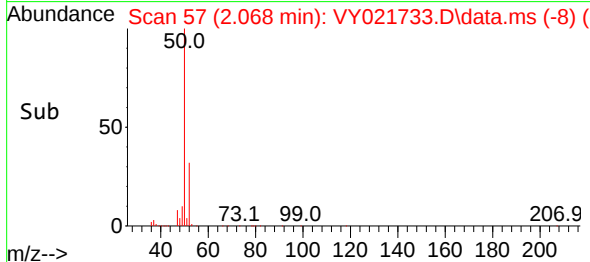
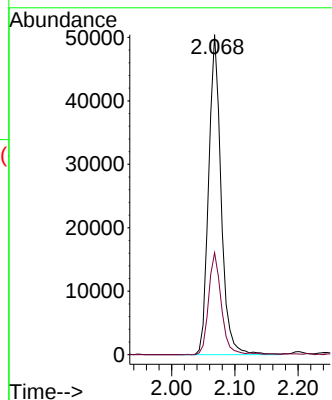
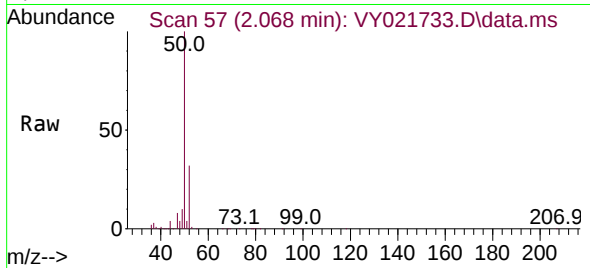




#3
Chloromethane
Concen: 18.110 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

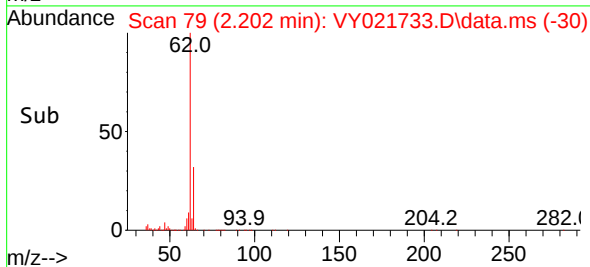
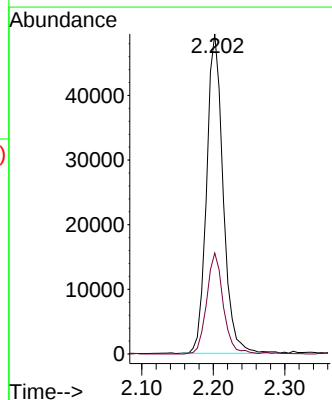
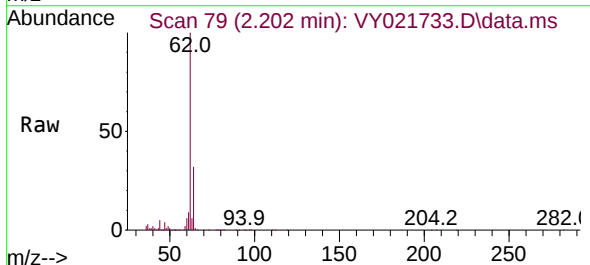
Instrument :
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ClientSampleId :
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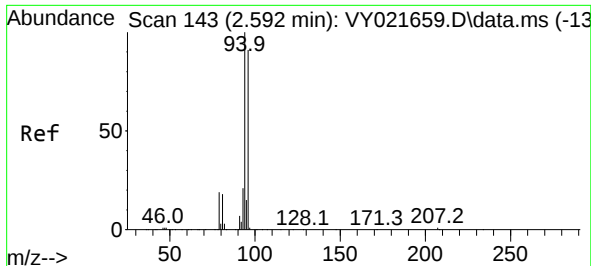
Tgt Ion: 50 Resp: 69229
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5



#4
Vinyl Chloride
Concen: 18.347 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 62 Resp: 79314
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3

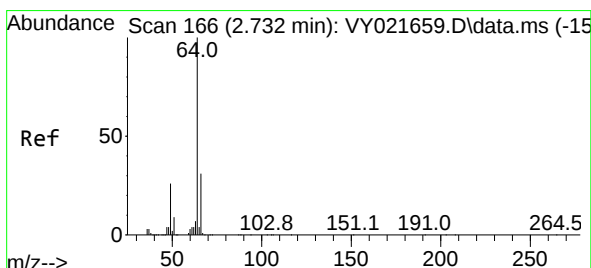
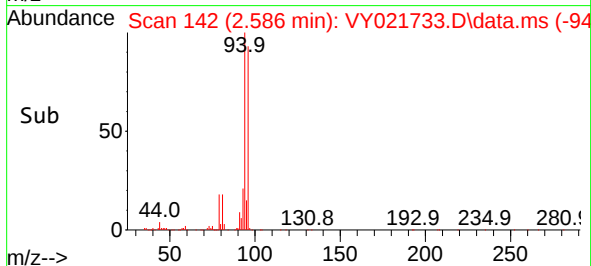
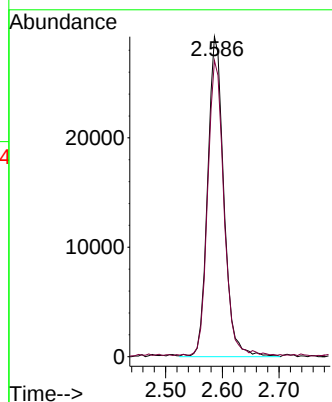
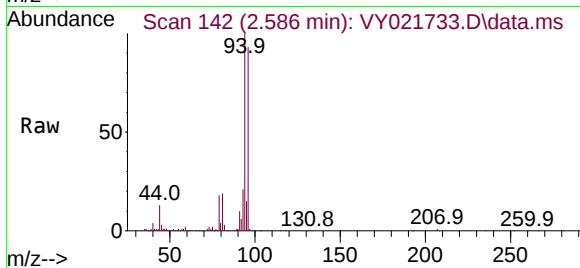




#5
Bromomethane
Concen: 19.693 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

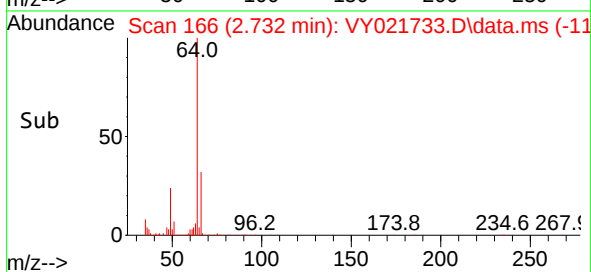
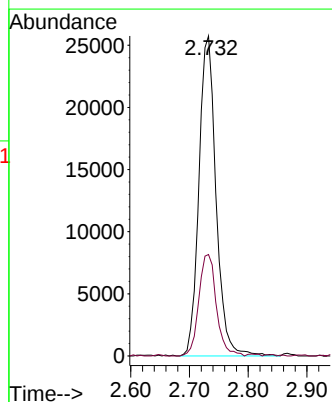
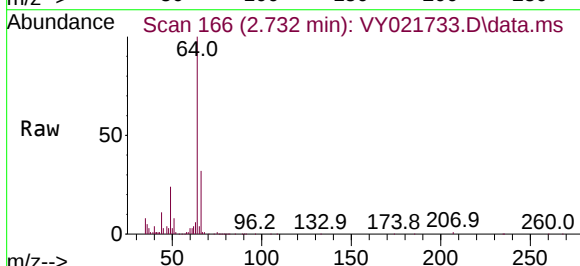
Instrument :
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Tgt Ion: 94 Resp: 58063
Ion Ratio Lower Upper
94 100
96 92.0 72.8 109.2



#6
Chloroethane
Concen: 18.406 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 64 Resp: 52067
Ion Ratio Lower Upper
64 100
66 31.7 24.9 37.3

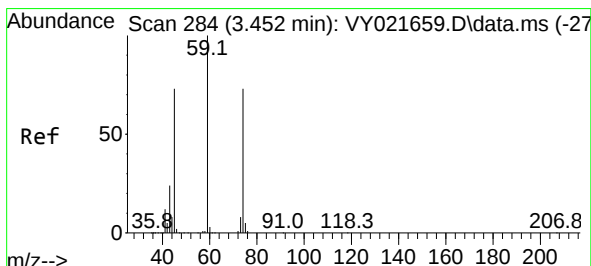
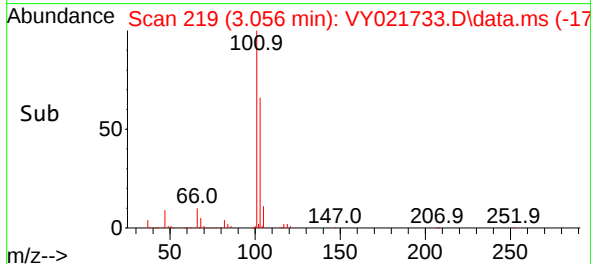
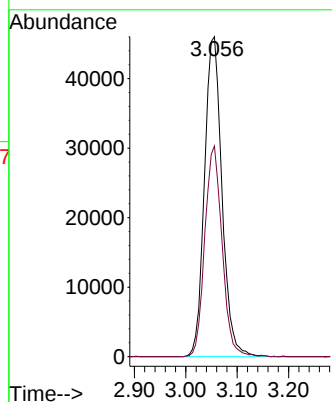
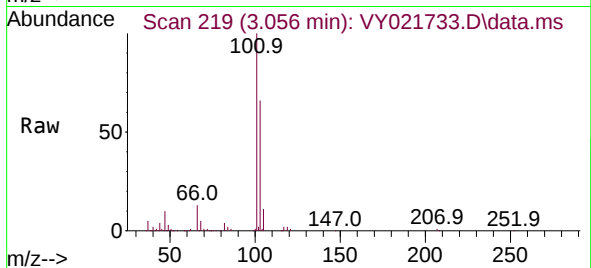




#7
Trichlorofluoromethane
Concen: 19.655 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021733.D
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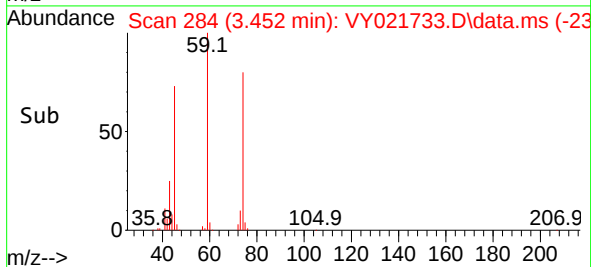
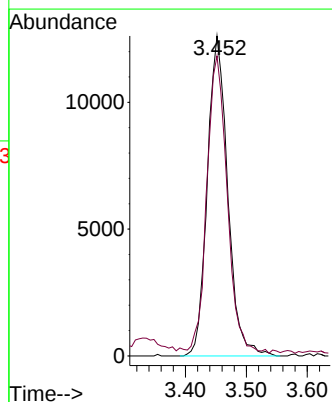
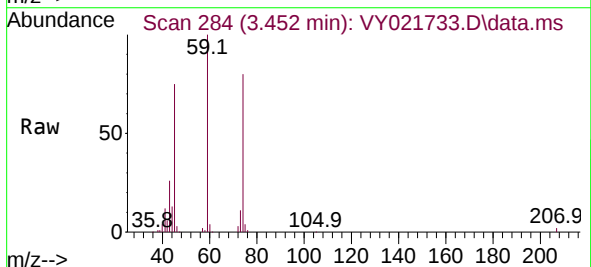
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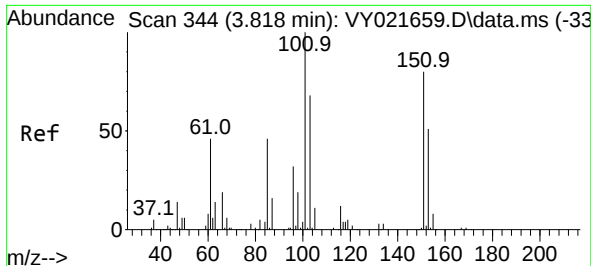
Tgt Ion:101 Resp: 108844
Ion Ratio Lower Upper
101 100
103 65.8 53.1 79.7



#8
Diethyl Ether
Concen: 19.516 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 74 Resp: 29391
Ion Ratio Lower Upper
74 100
45 92.7 48.6 145.8

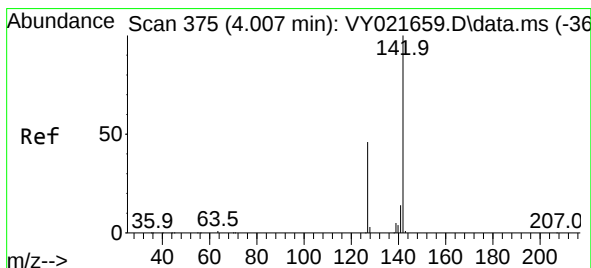
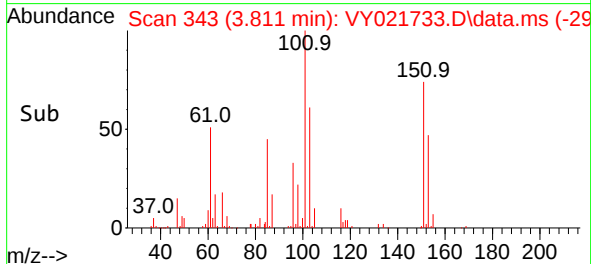
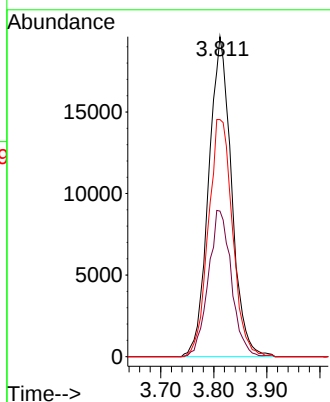
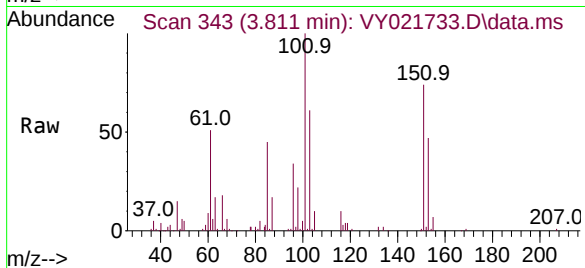




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.132 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021733.D
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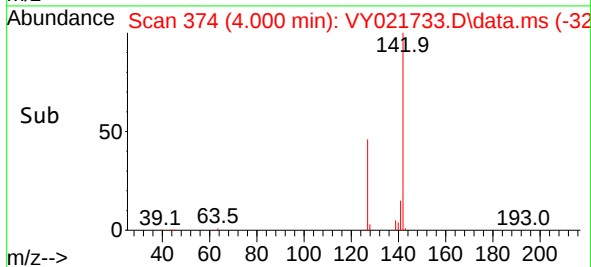
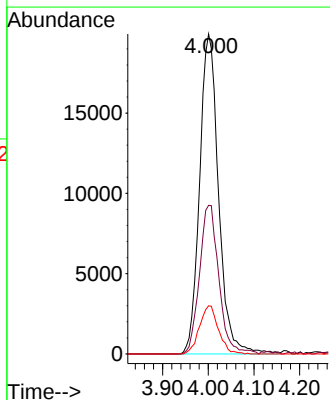
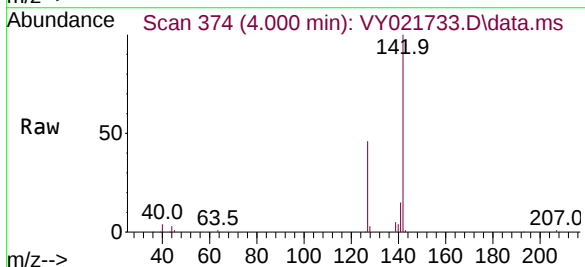
Instrument :
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ClientSampleId :
VY0401SBS01

Tgt Ion:101 Resp: 58802
Ion Ratio Lower Upper
101 100
85 45.9 36.3 54.5
151 78.1 61.3 91.9



#10
Methyl Iodide
Concen: 17.924 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion:142 Resp: 57434
Ion Ratio Lower Upper
142 100
127 47.4 38.7 58.1
141 15.1 11.5 17.3

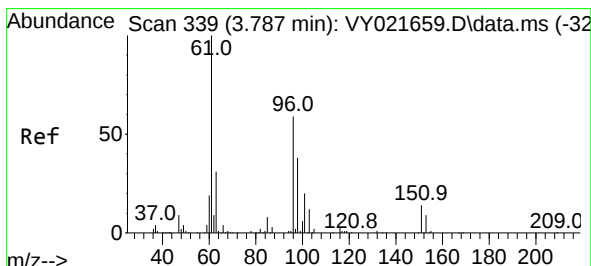
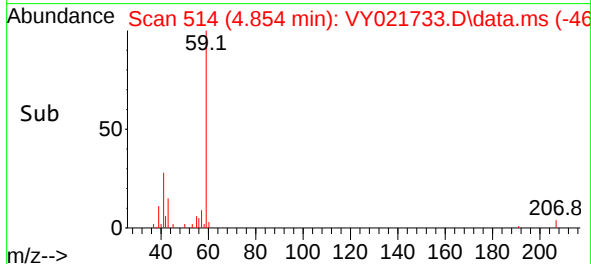
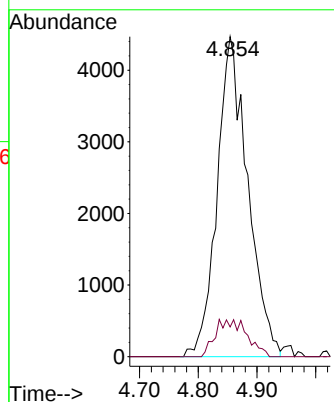
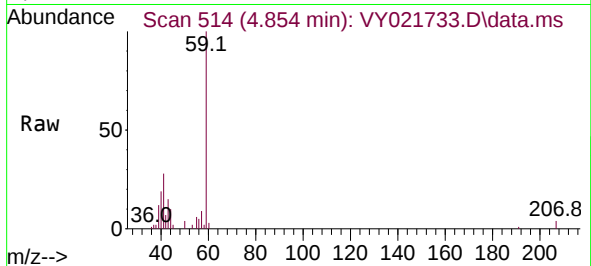




#11
Tert butyl alcohol
Concen: 87.691 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

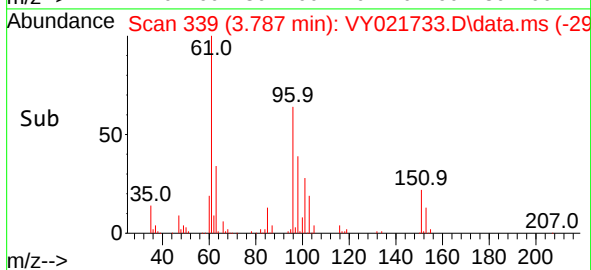
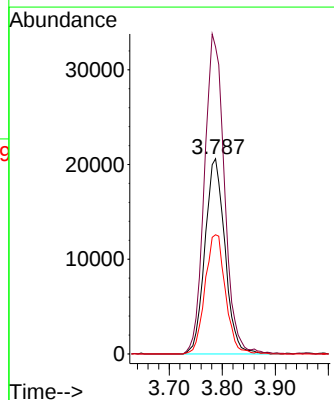
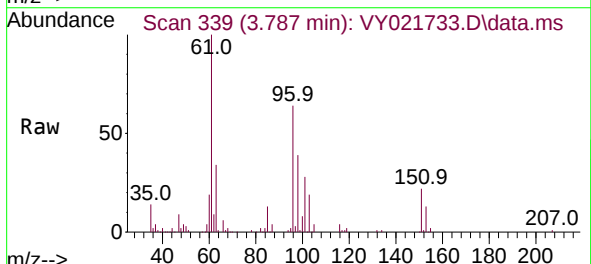
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

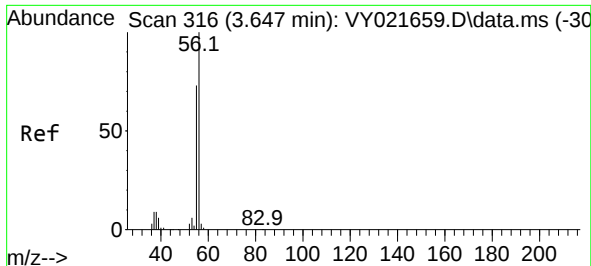
Tgt Ion: 59 Resp: 16186
Ion Ratio Lower Upper
59 100
57 12.0 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.700 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 96 Resp: 54196
Ion Ratio Lower Upper
96 100
61 157.3 136.6 204.8
98 61.1 52.3 78.5

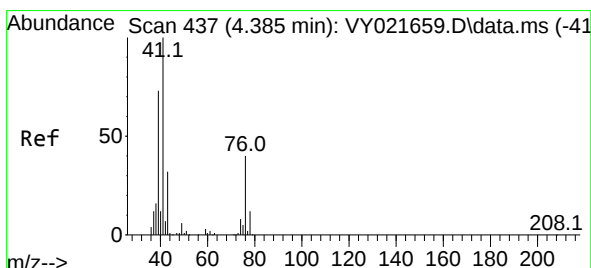
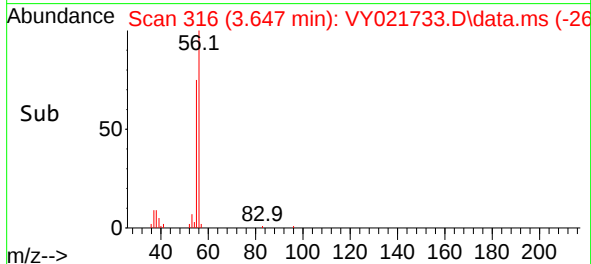
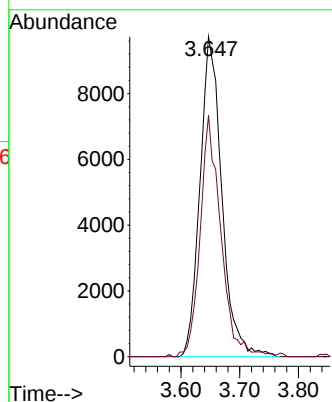
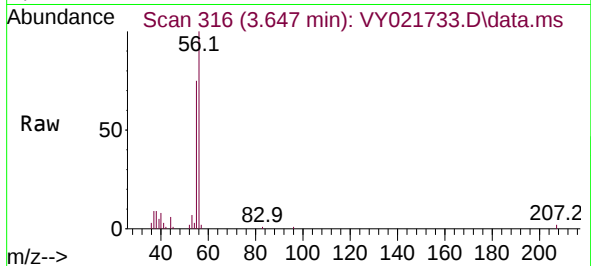




#13
Acrolein
Concen: 74.696 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

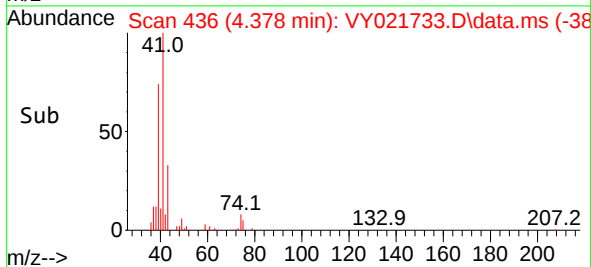
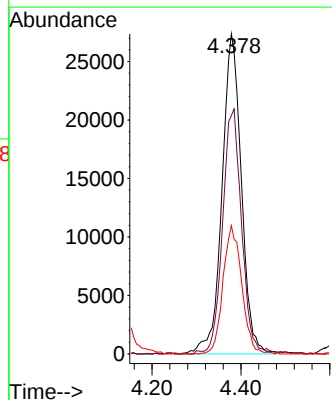
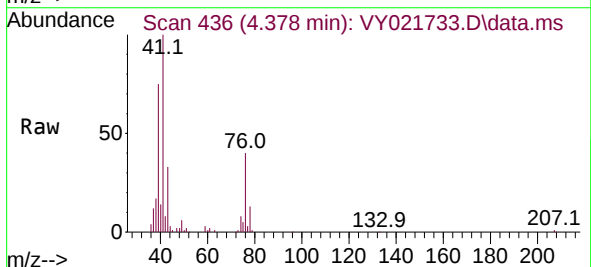
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

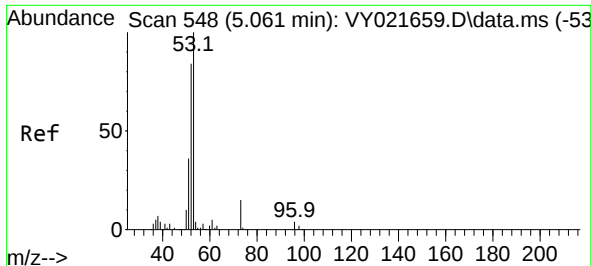
Tgt Ion: 56 Resp: 25175
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0



#14
Allyl chloride
Concen: 18.822 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 41 Resp: 82560
Ion Ratio Lower Upper
41 100
39 75.0 58.6 88.0
76 38.8 30.3 45.5

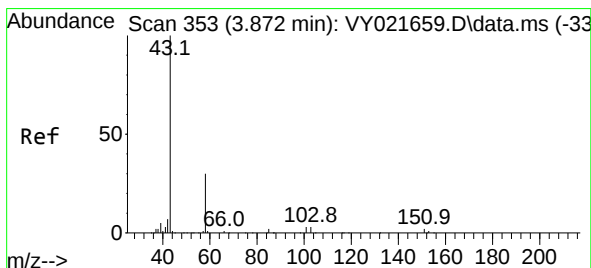
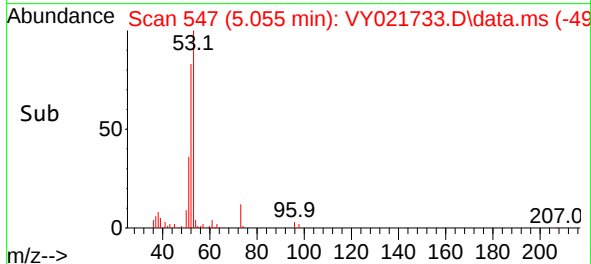
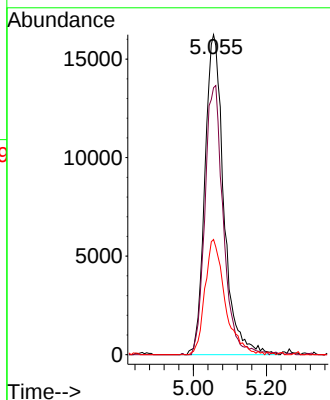
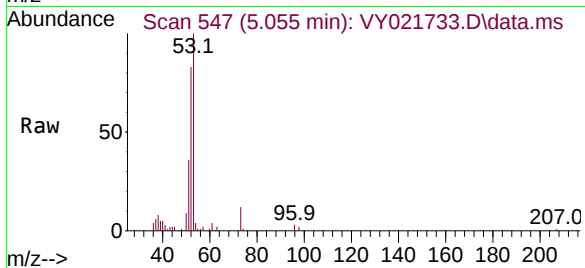




#15
Acrylonitrile
Concen: 92.750 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

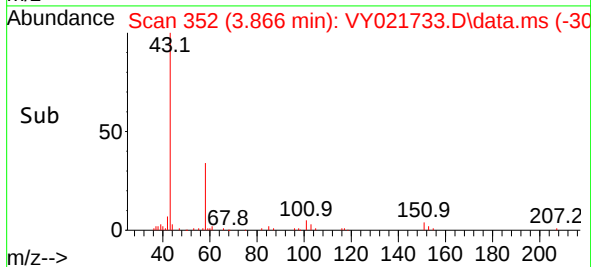
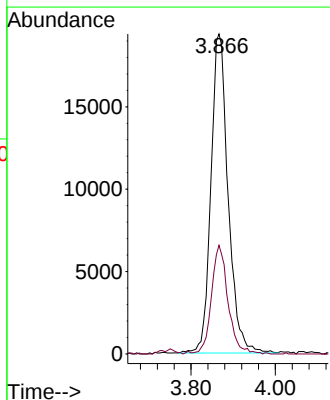
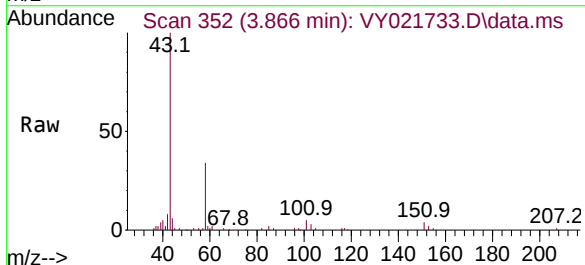
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

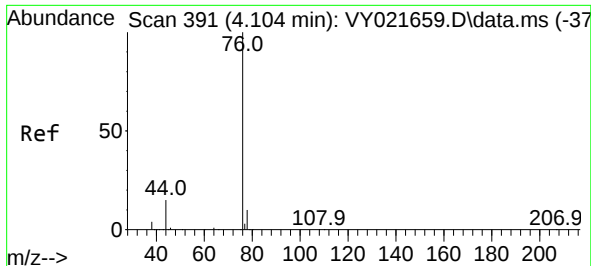
Tgt Ion: 53 Resp: 58322
Ion Ratio Lower Upper
53 100
52 81.6 64.9 97.3
51 38.1 30.2 45.2



#16
Acetone
Concen: 94.269 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 43 Resp: 54827
Ion Ratio Lower Upper
43 100
58 34.0 24.2 36.4

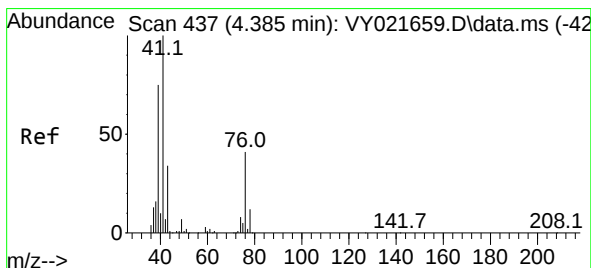
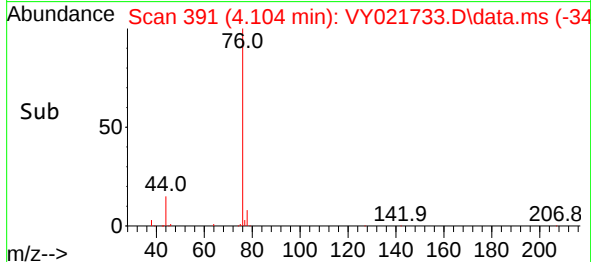
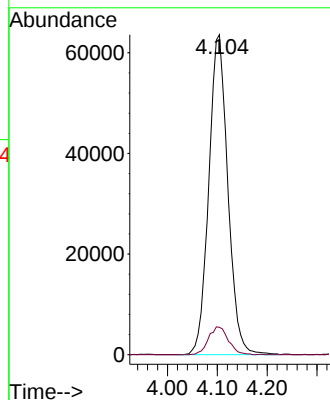
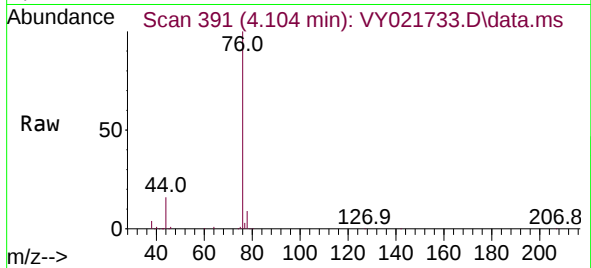




#17
Carbon Disulfide
Concen: 18.640 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

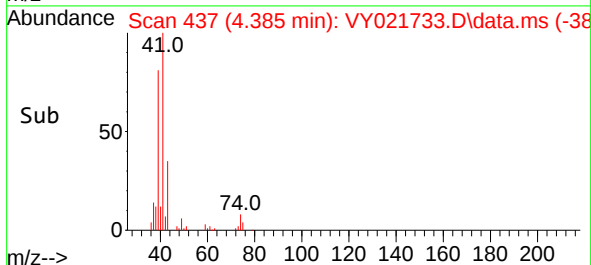
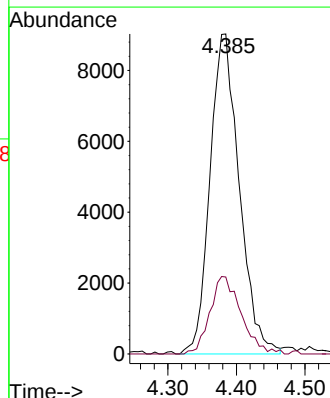
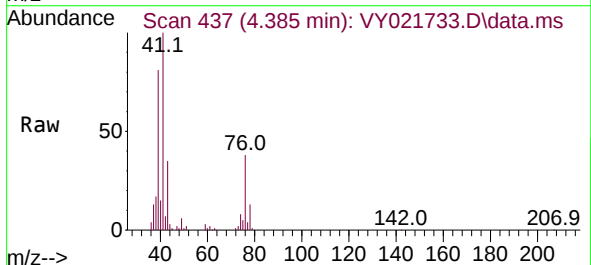
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

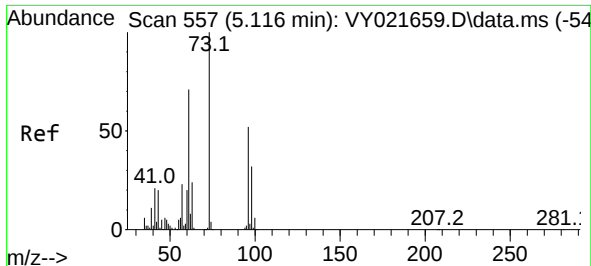
Tgt Ion: 76 Resp: 168907
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 18.610 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 43 Resp: 26825
Ion Ratio Lower Upper
43 100
74 25.7 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.017 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

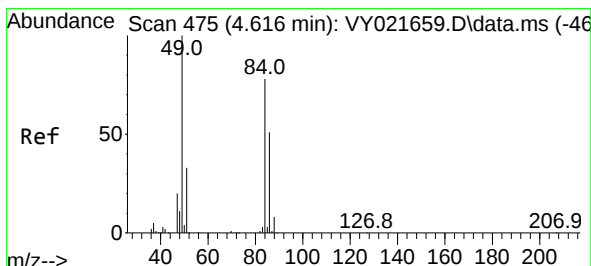
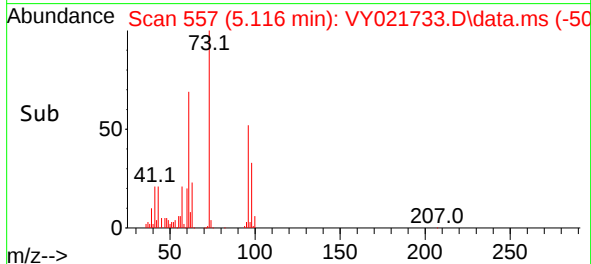
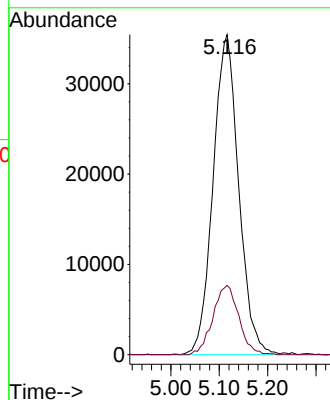
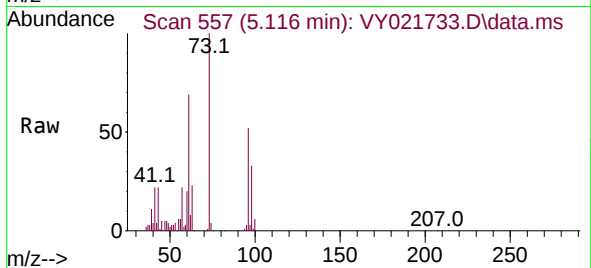
VY0401SBS01

Tgt Ion: 73 Resp: 130257

Ion Ratio Lower Upper

73 100

57 21.6 18.1 27.1



#20

Methylene Chloride

Concen: 19.315 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Tgt Ion: 84 Resp: 61724

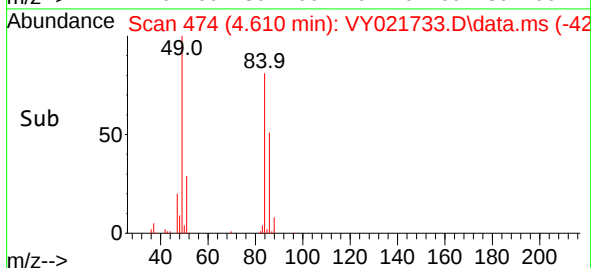
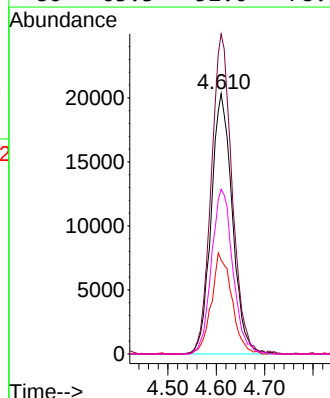
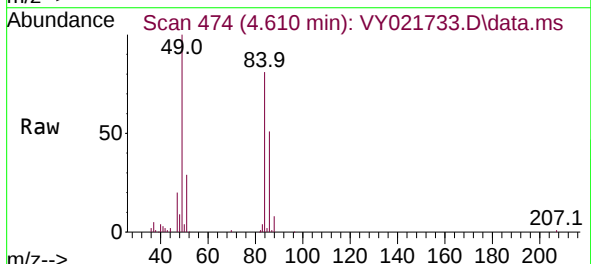
Ion Ratio Lower Upper

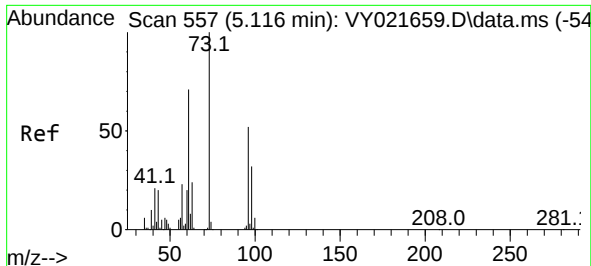
84 100

49 122.9 102.8 154.2

51 36.0 33.5 50.3

86 63.3 52.0 78.0

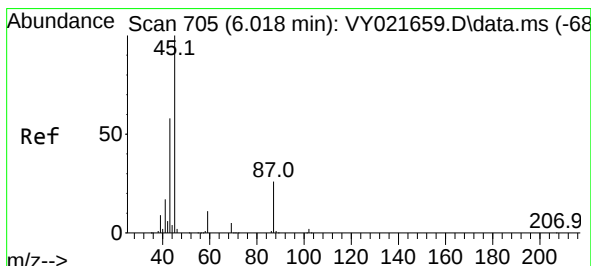
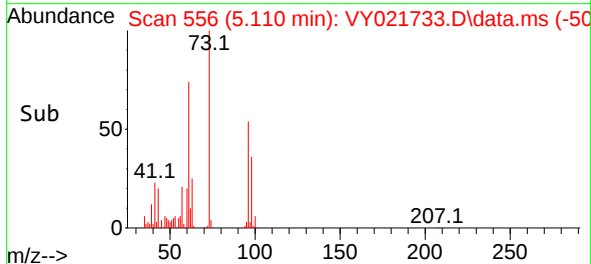
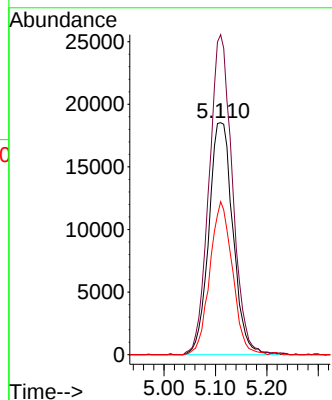
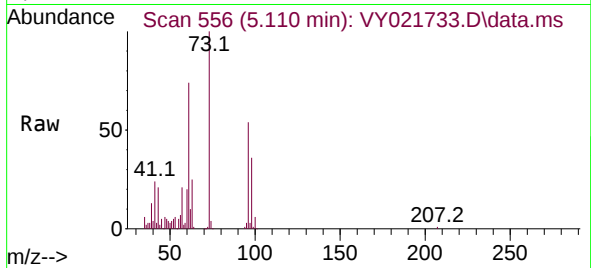




#21
trans-1,2-Dichloroethene
Concen: 19.905 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

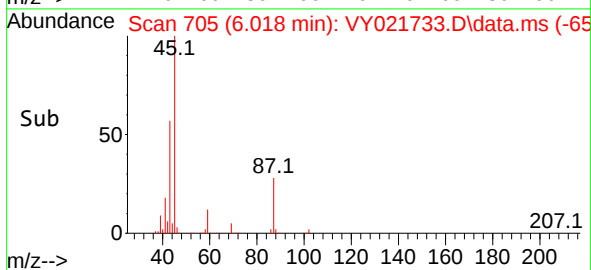
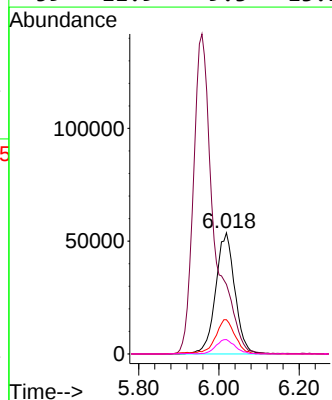
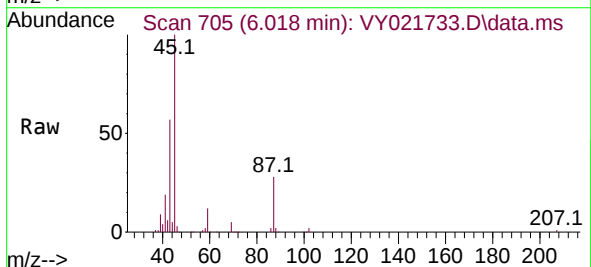
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

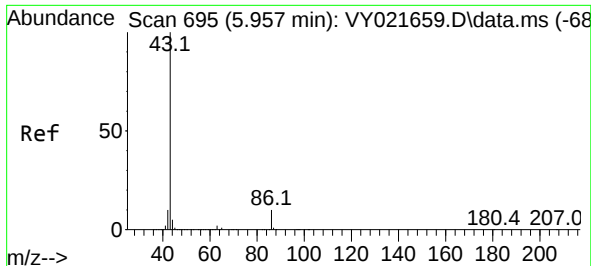
Tgt Ion: 96 Resp: 60292
Ion Ratio Lower Upper
96 100
61 137.9 109.4 164.0
98 65.9 50.2 75.2



#22
Diisopropyl ether
Concen: 19.391 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 45 Resp: 178430
Ion Ratio Lower Upper
45 100
43 57.0 46.6 69.8
87 28.2 20.7 31.1
59 11.9 9.3 13.9

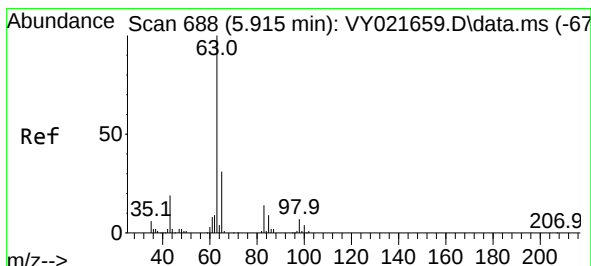
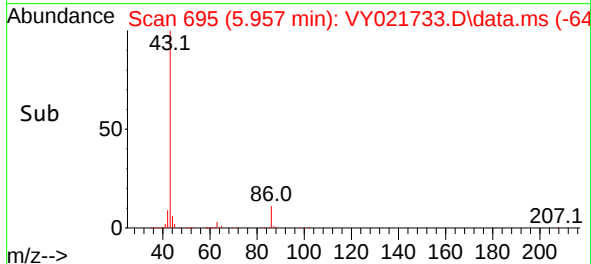
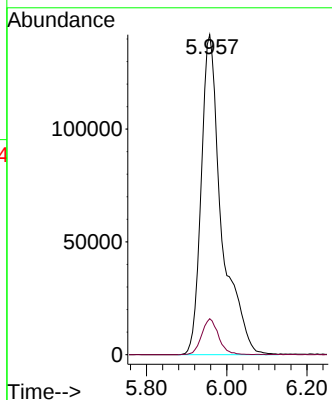
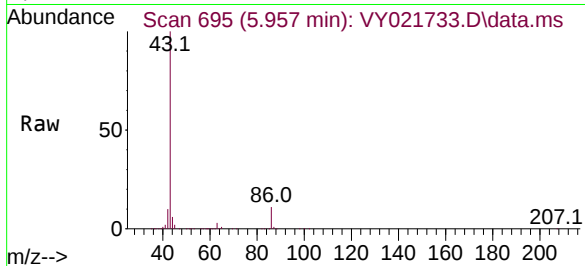




#23
 Vinyl Acetate
 Concen: 93.058 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

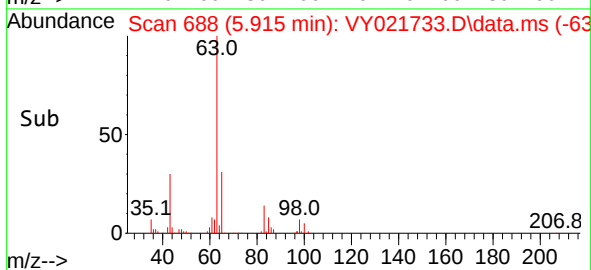
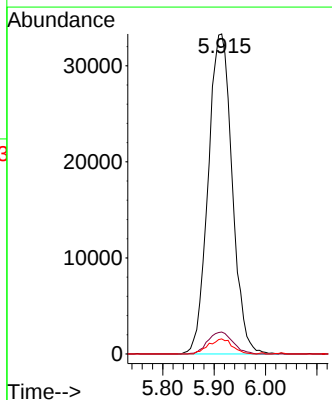
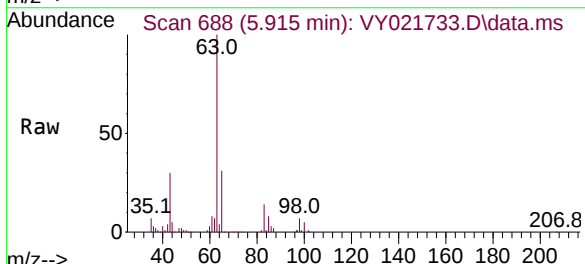
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS01

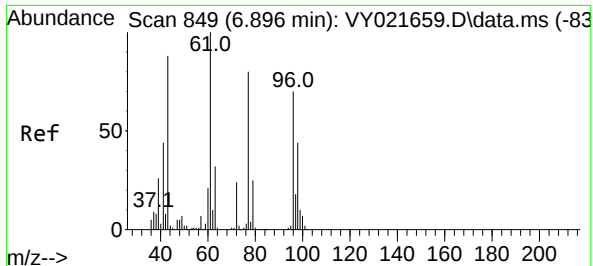
Tgt Ion: 43 Resp: 500924
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.600 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

Tgt Ion: 63 Resp: 107840
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 93.740 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

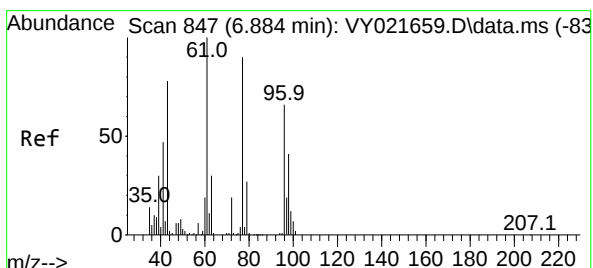
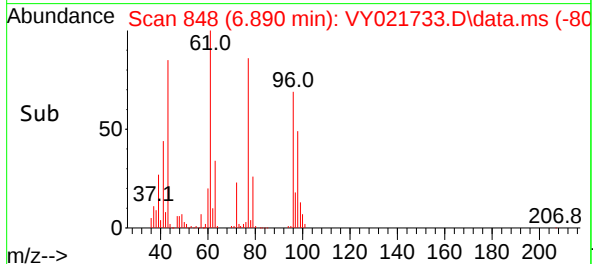
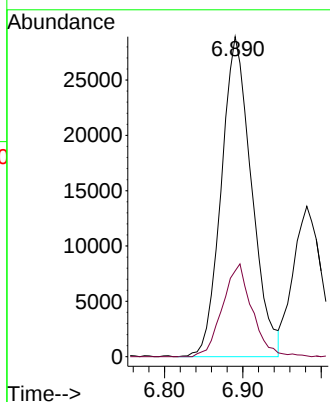
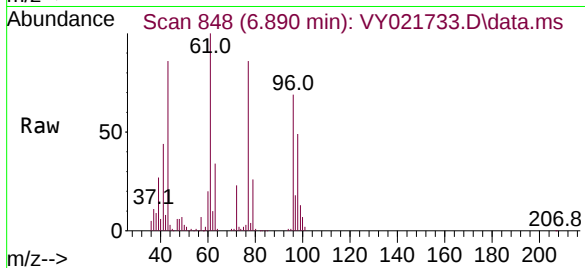
VY0401SBS01

Tgt Ion: 43 Resp: 77870

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.406 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021733.D

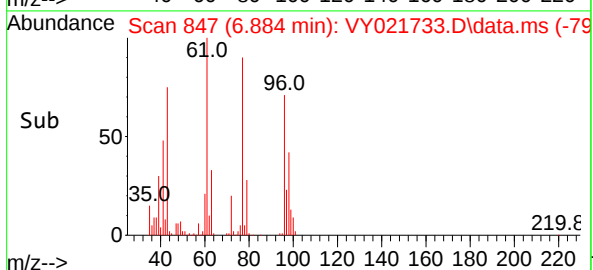
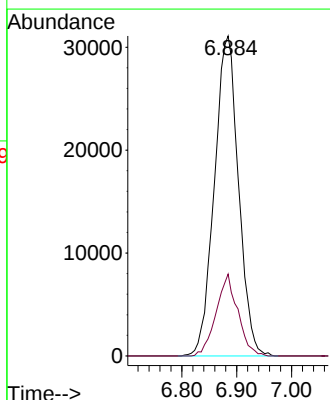
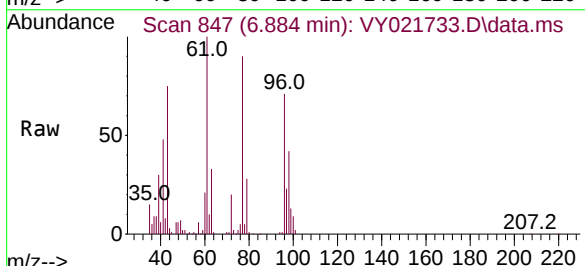
Acq: 01 Apr 2025 11:30

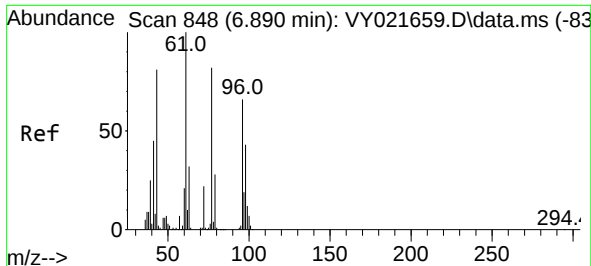
Tgt Ion: 77 Resp: 94979

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.615 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

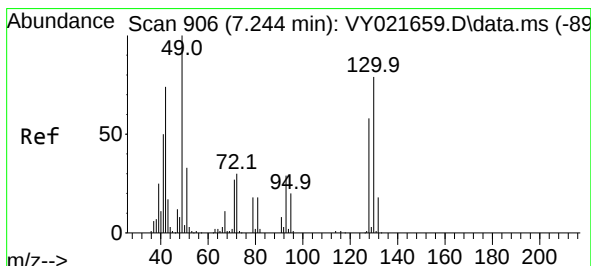
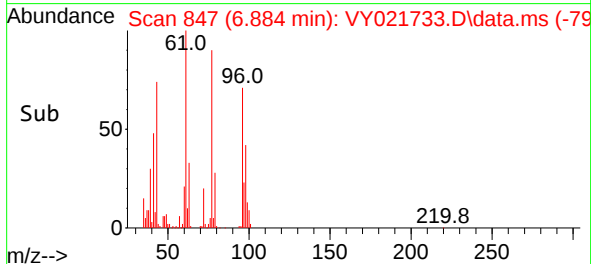
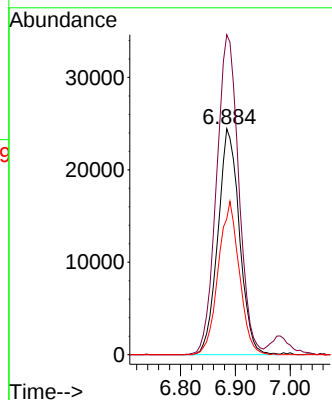
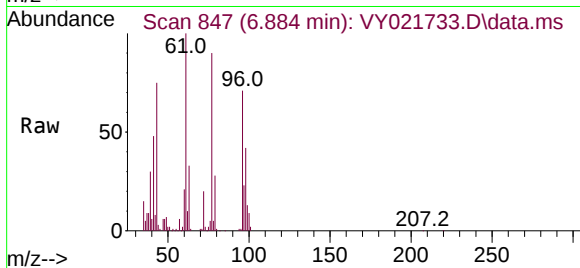
Tgt Ion: 96 Resp: 66817

Ion Ratio Lower Upper

96 100

61 146.1 0.0 296.4

98 66.2 0.0 128.0



#28

Bromochloromethane

Concen: 19.282 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

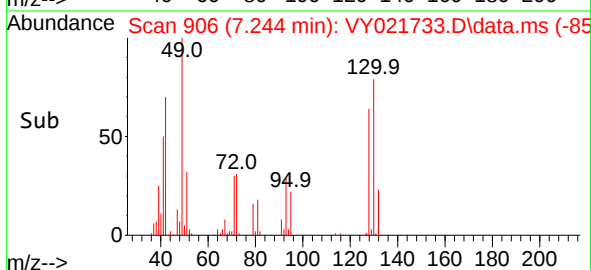
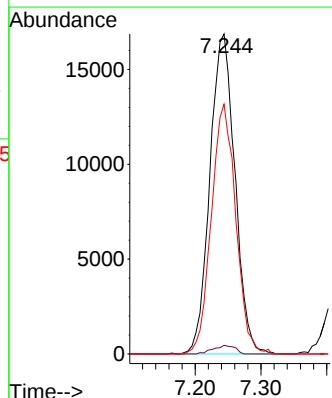
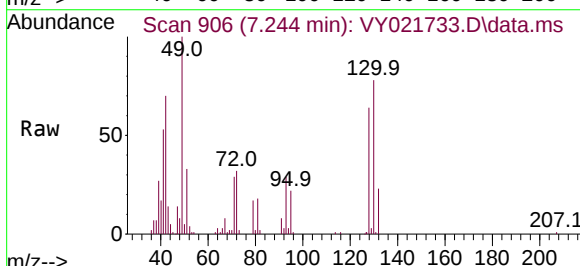
Tgt Ion: 49 Resp: 44742

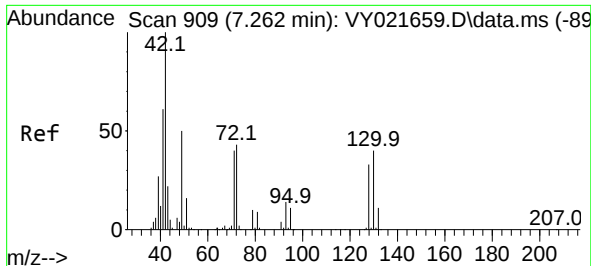
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

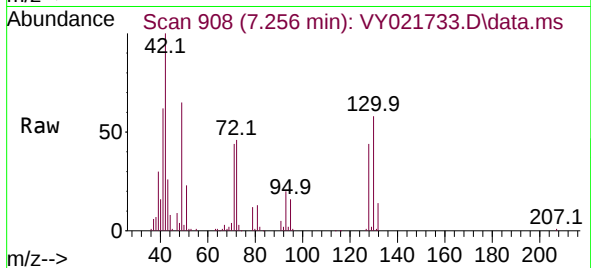
130 76.0 60.1 90.1



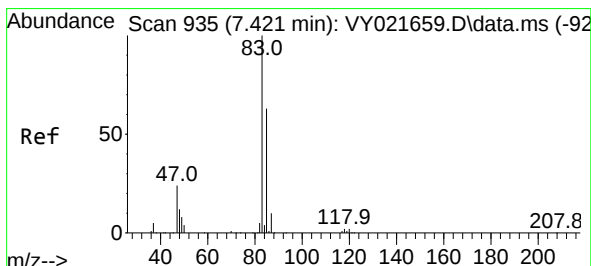
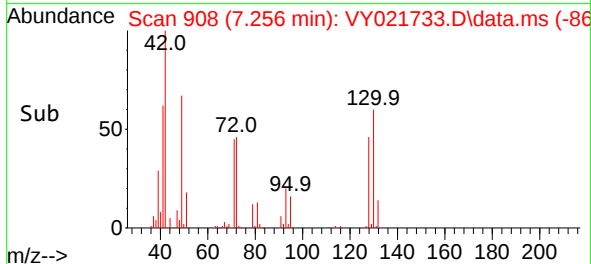
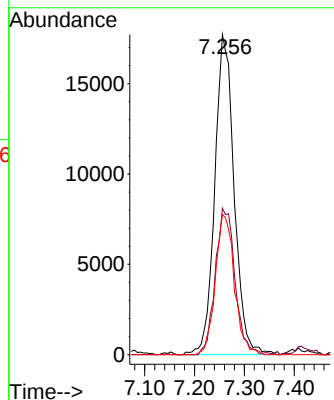


#29
Tetrahydrofuran
Concen: 89.647 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

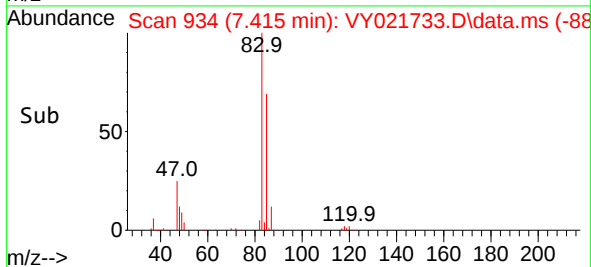
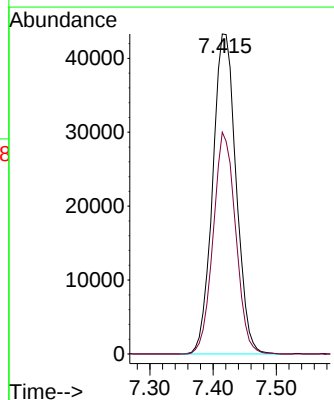
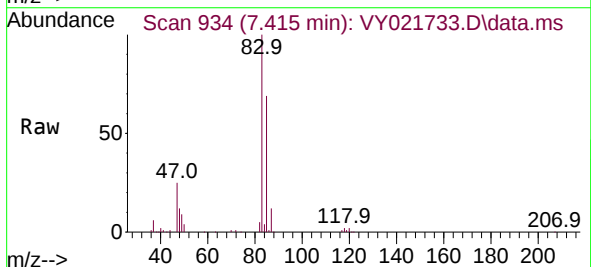


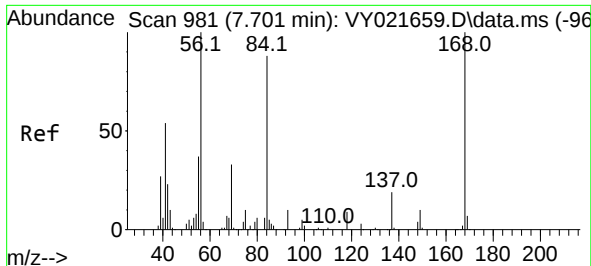
Tgt Ion: 42 Resp: 47928
Ion Ratio Lower Upper
42 100
72 46.2 34.6 52.0
71 43.1 32.5 48.7



#30
Chloroform
Concen: 19.427 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 83 Resp: 111174
Ion Ratio Lower Upper
83 100
85 69.3 50.6 75.8

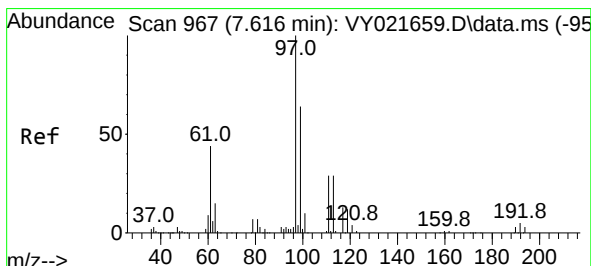
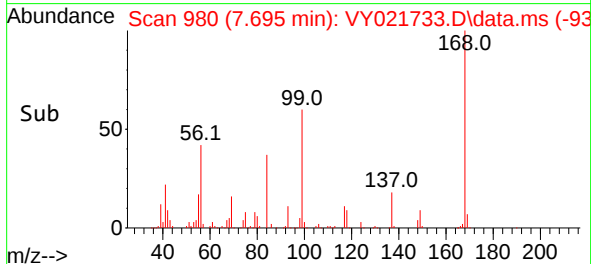
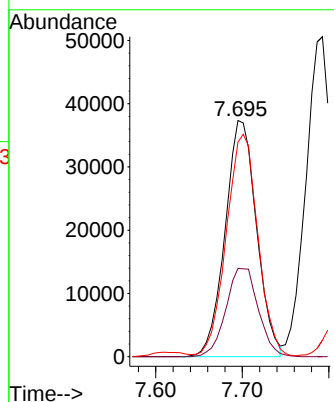
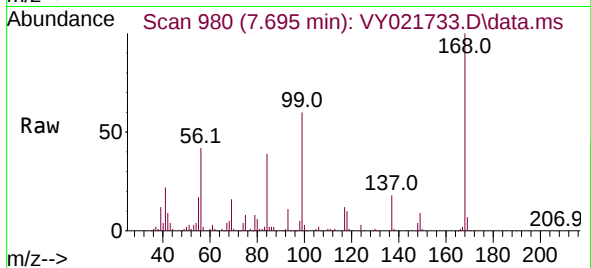




#31
Cyclohexane
Concen: 18.799 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

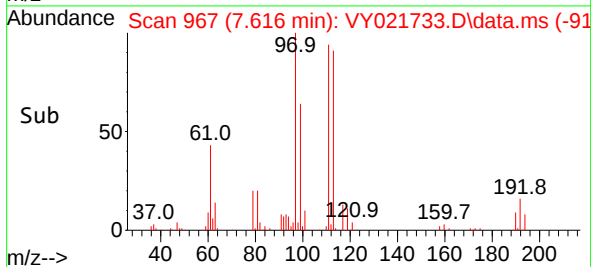
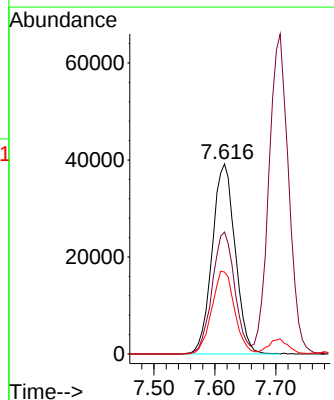
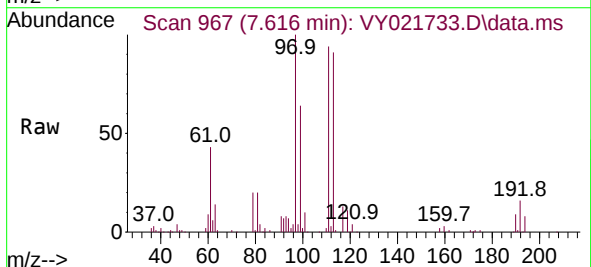
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

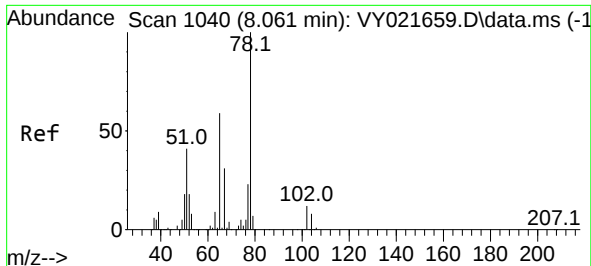
Tgt Ion: 56 Resp: 94288
Ion Ratio Lower Upper
56 100
69 37.3 26.6 40.0
84 89.2 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.822 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 97 Resp: 102527
Ion Ratio Lower Upper
97 100
99 63.1 50.7 76.1
61 43.3 35.2 52.8

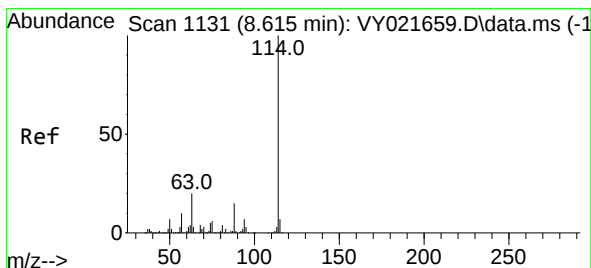
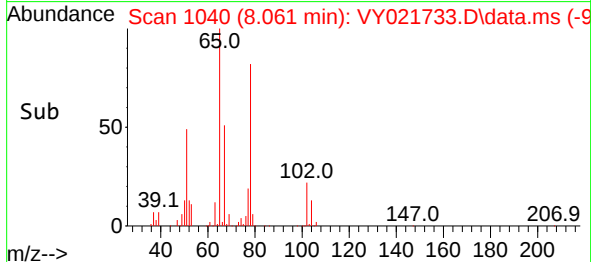
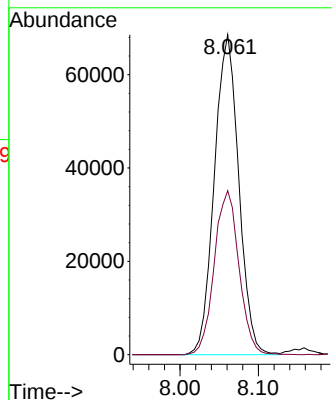
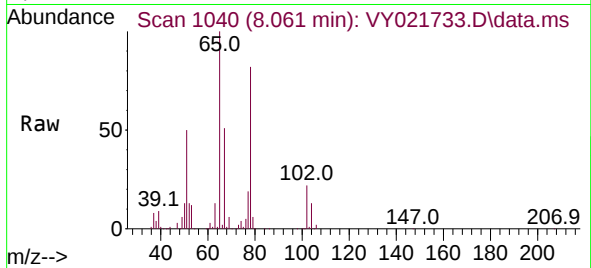




#33
1,2-Dichloroethane-d4
Concen: 52.279 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

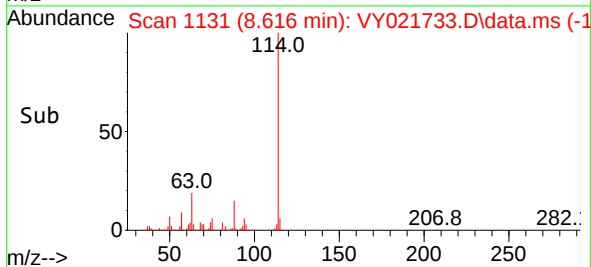
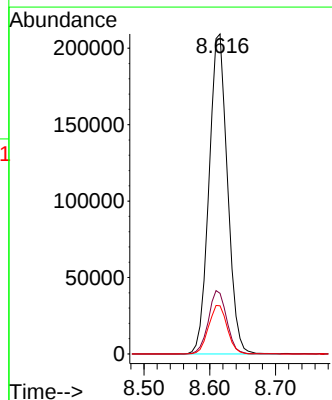
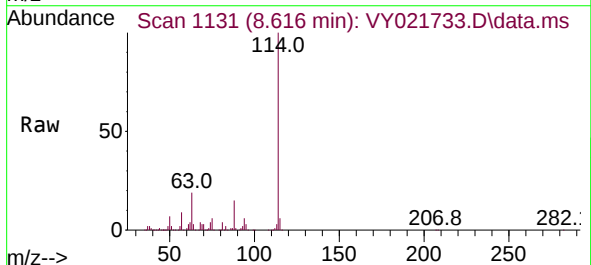
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

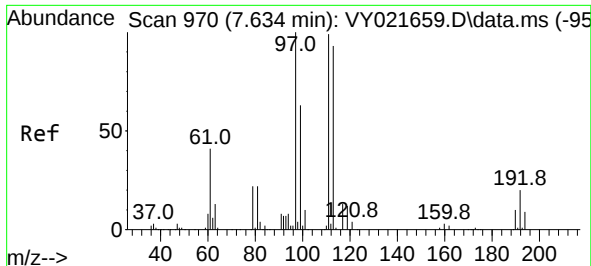
Tgt Ion: 65 Resp: 148566
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 114 Resp: 407591
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.2
88 15.1 0.0 29.8

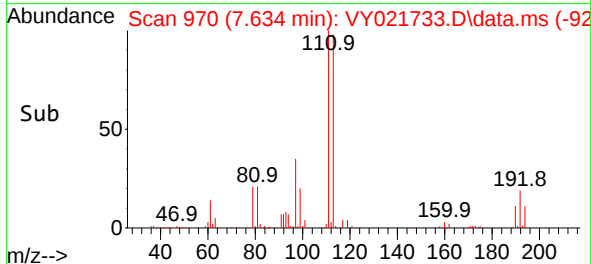
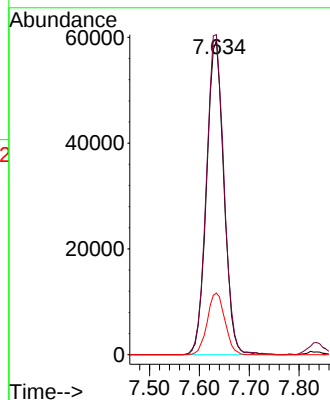
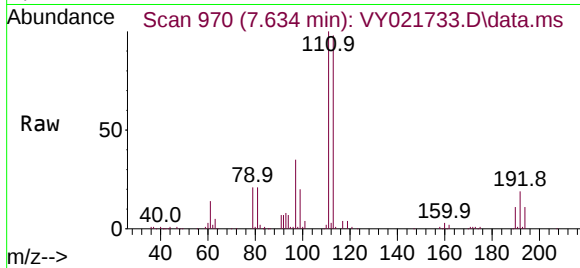




#35
Dibromofluoromethane
Concen: 54.137 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

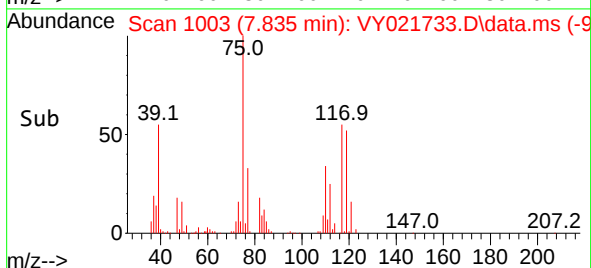
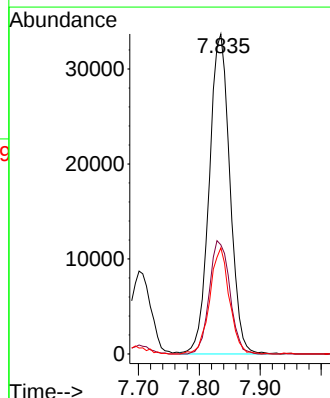
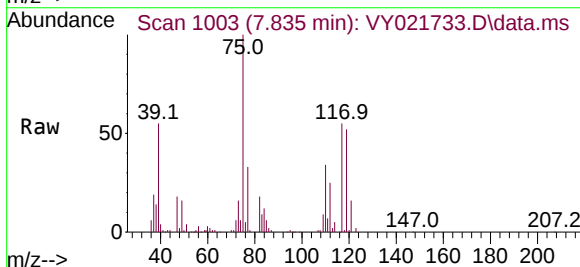
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

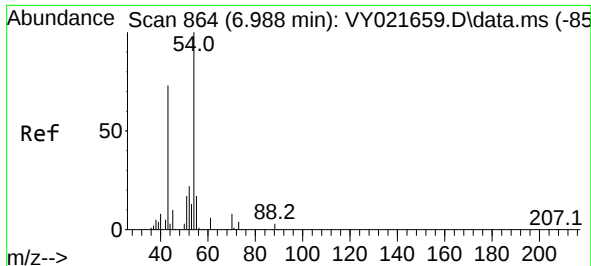
Tgt Ion:113 Resp: 143137
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.693 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 75 Resp: 79309
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 18.959 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

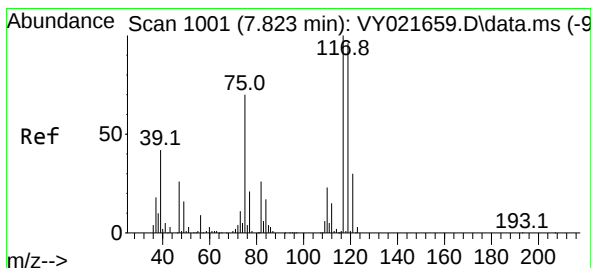
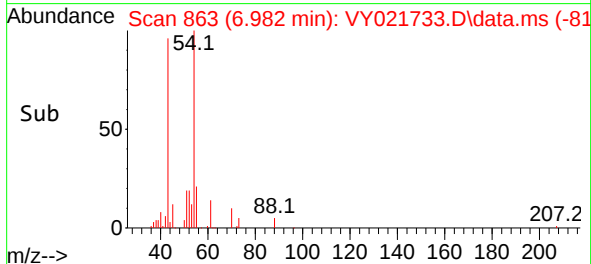
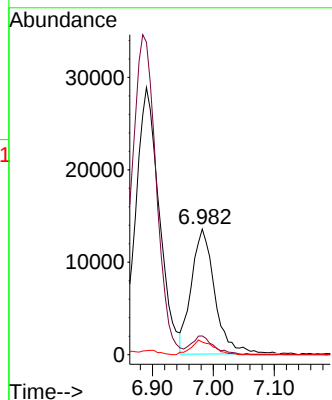
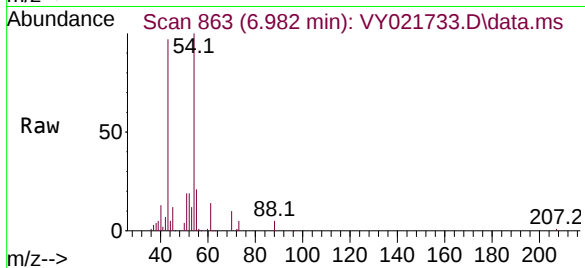
Tgt Ion: 43 Resp: 36034

Ion Ratio Lower Upper

43 100

61 14.2 11.0 16.6

70 10.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.266 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

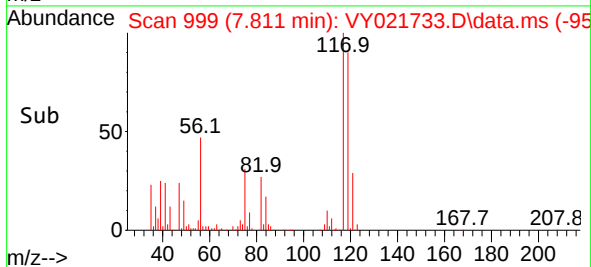
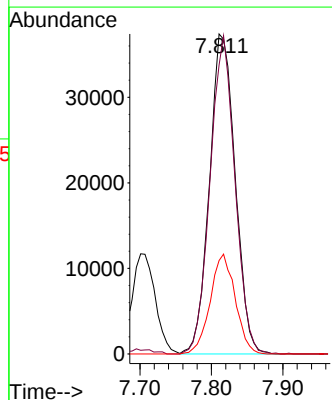
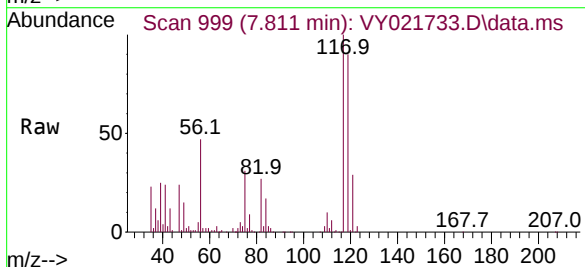
Tgt Ion: 117 Resp: 93478

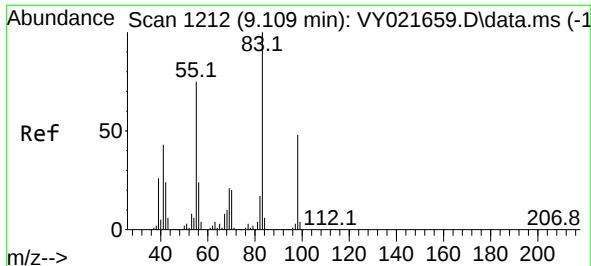
Ion Ratio Lower Upper

117 100

119 90.3 76.2 114.4

121 29.2 24.2 36.4





#39

Methylcyclohexane

Concen: 19.619 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

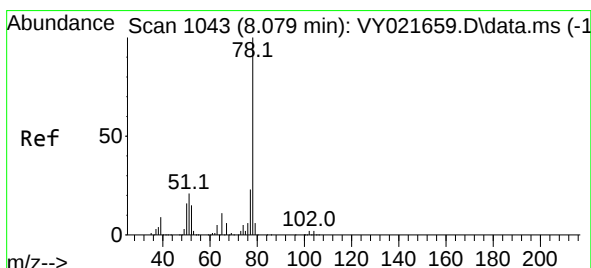
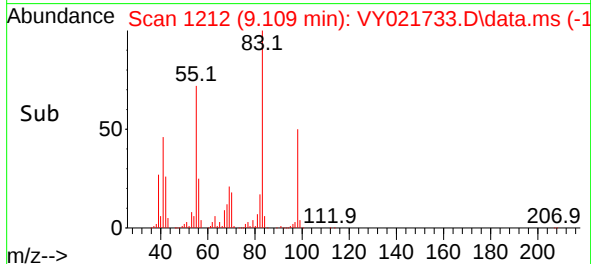
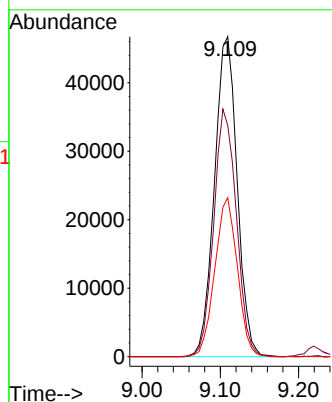
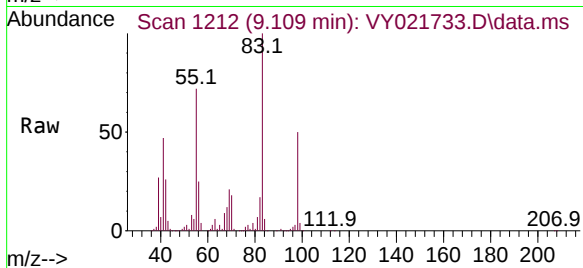
Tgt Ion: 83 Resp: 94387

Ion Ratio Lower Upper

83 100

55 72.3 59.7 89.5

98 49.7 38.3 57.5



#40

Benzene

Concen: 19.911 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021733.D

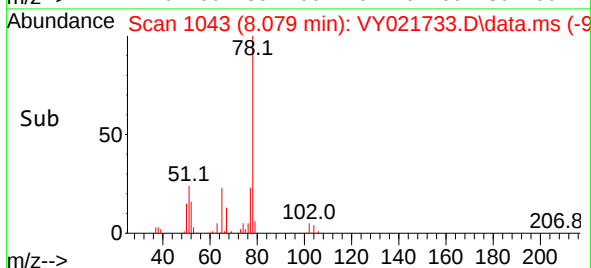
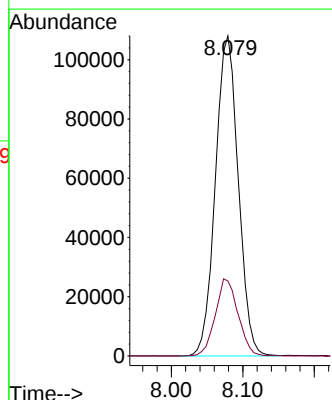
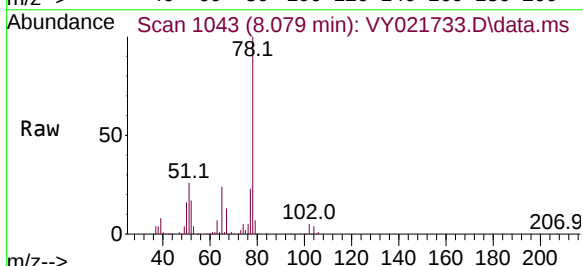
Acq: 01 Apr 2025 11:30

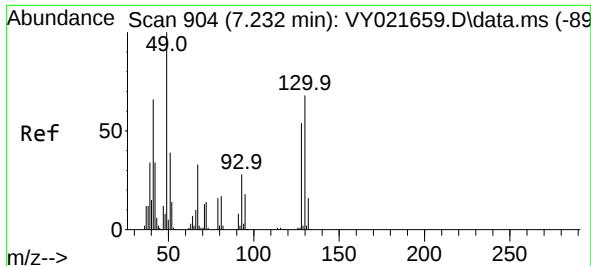
Tgt Ion: 78 Resp: 240138

Ion Ratio Lower Upper

78 100

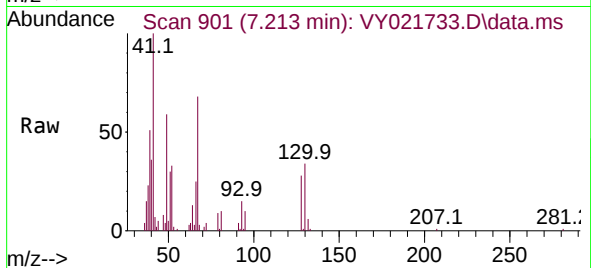
77 23.4 18.8 28.2



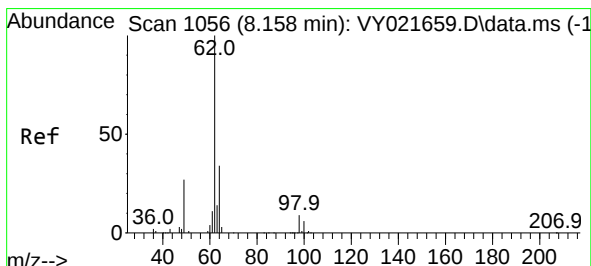
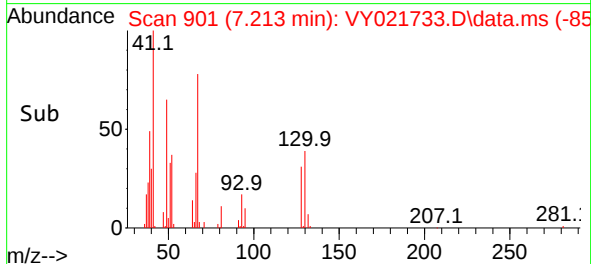
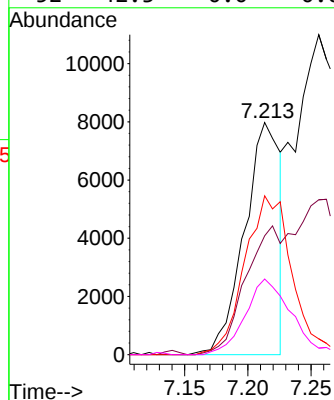


#41
Methacrylonitrile
Concen: 15.504 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

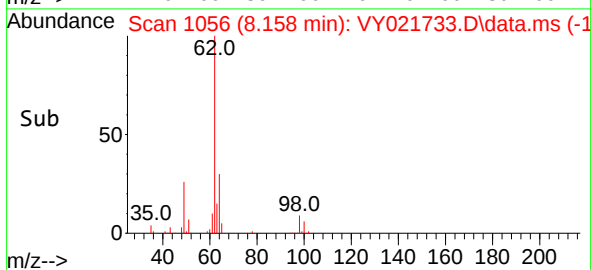
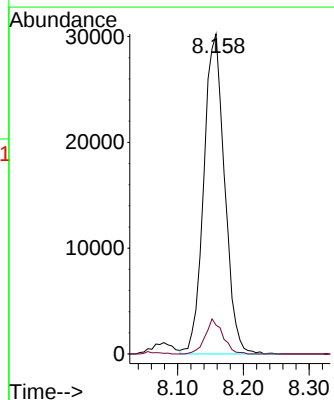
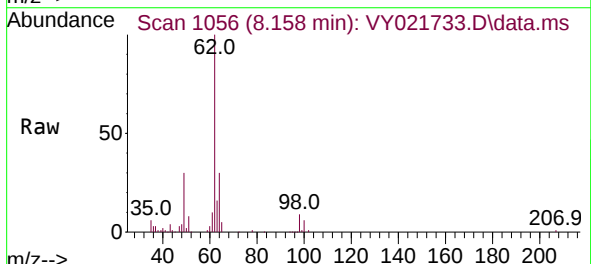


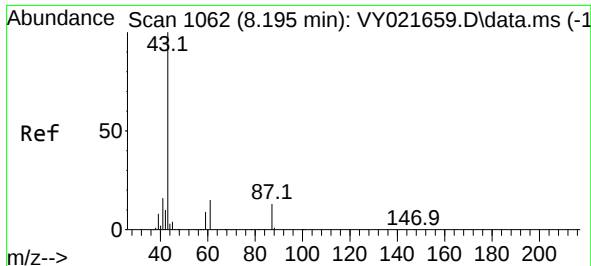
Tgt Ion:	41	Resp:	15649
Ion	Ratio	Lower	Upper
41	100		
39	54.8	0.0	0.0#
67	92.1	0.0	0.0#
52	42.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.595 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion:	62	Resp:	66624
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 19.189 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

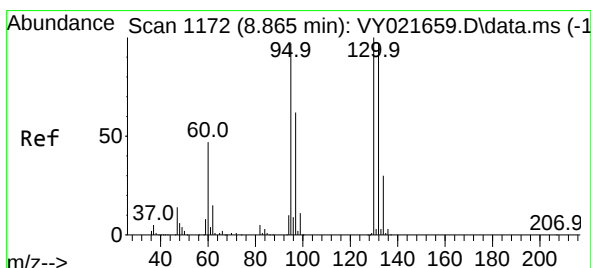
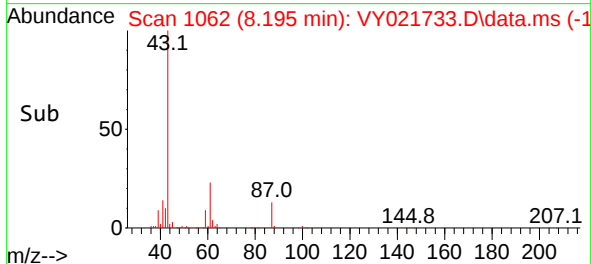
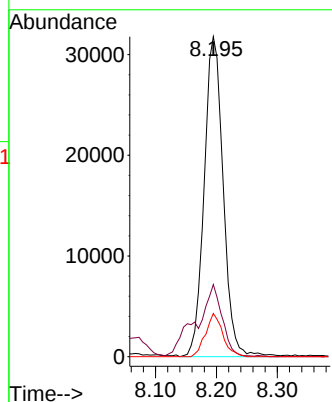
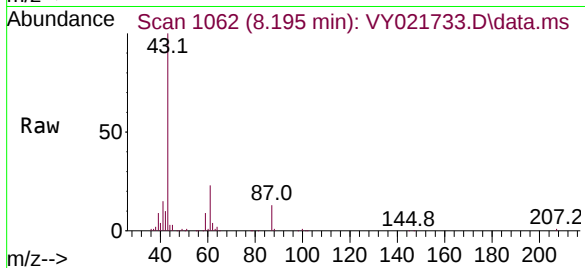
Tgt Ion: 43 Resp: 69114

Ion Ratio Lower Upper

43 100

61 30.3 15.9 23.9#

87 12.3 10.4 15.6



#44

Trichloroethene

Concen: 20.516 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021733.D

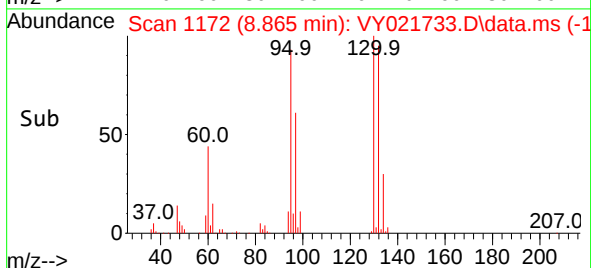
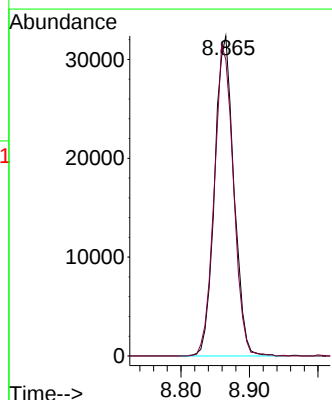
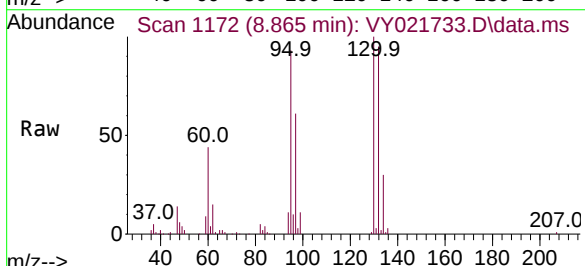
Acq: 01 Apr 2025 11:30

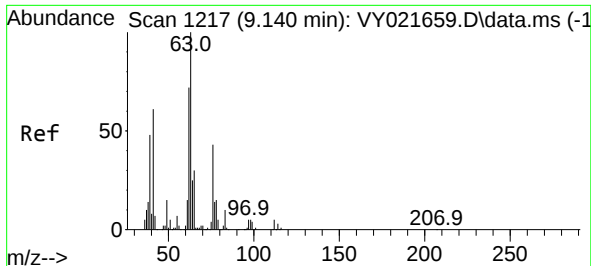
Tgt Ion: 130 Resp: 63043

Ion Ratio Lower Upper

130 100

95 92.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.134 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

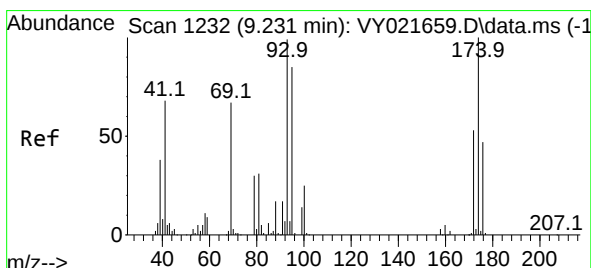
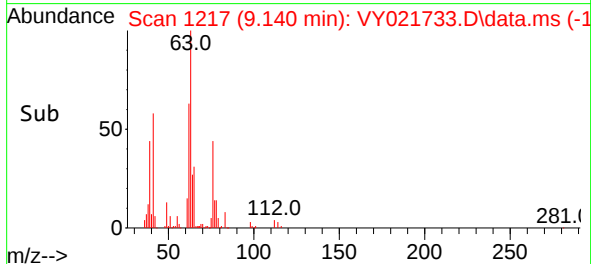
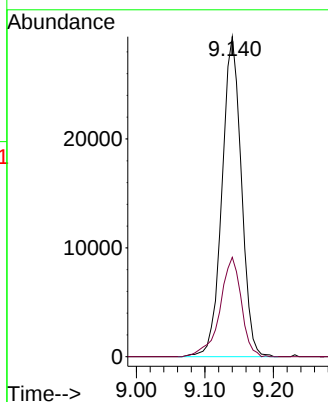
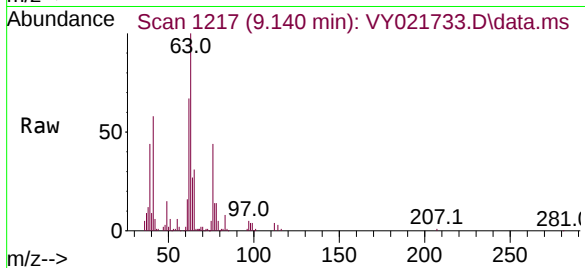
VY0401SBS01

Tgt Ion: 63 Resp: 57479

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 19.632 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

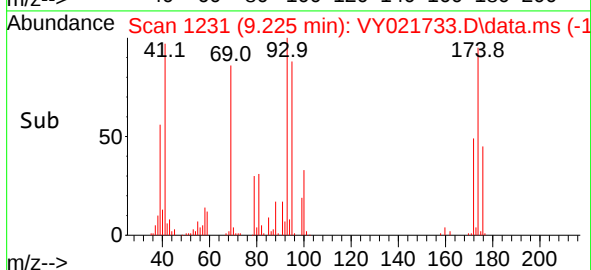
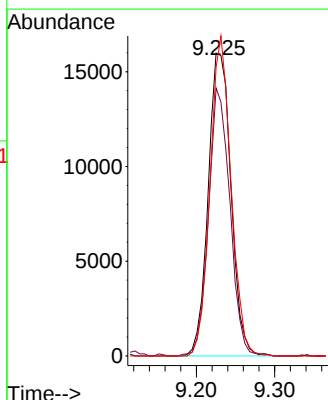
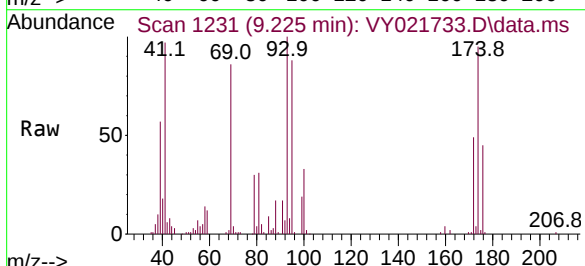
Tgt Ion: 93 Resp: 32300

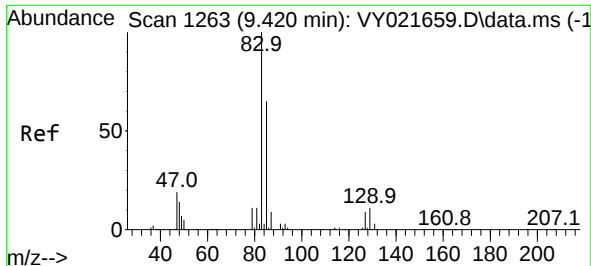
Ion Ratio Lower Upper

93 100

95 83.0 68.1 102.1

174 97.2 80.9 121.3

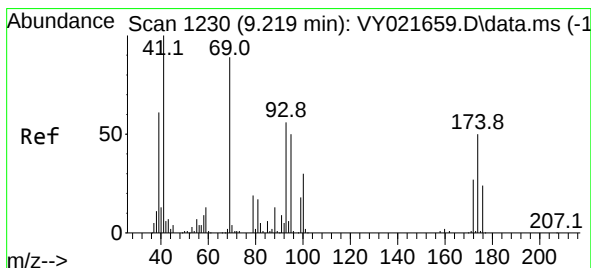
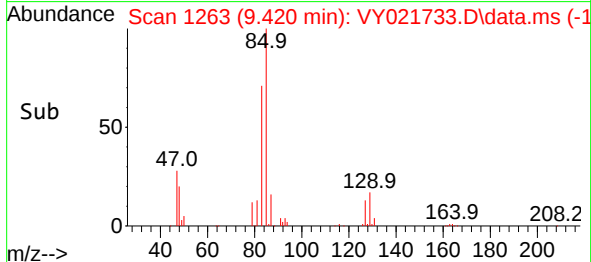
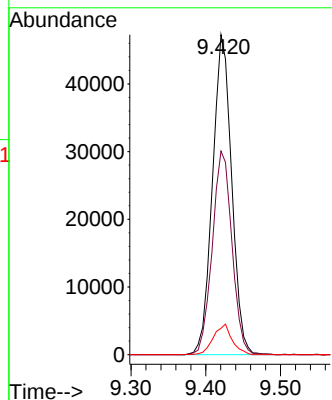
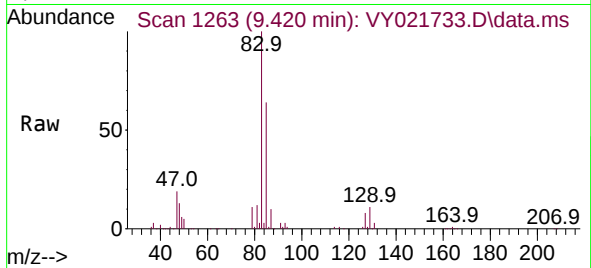




#47
Bromodichloromethane
Concen: 19.707 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

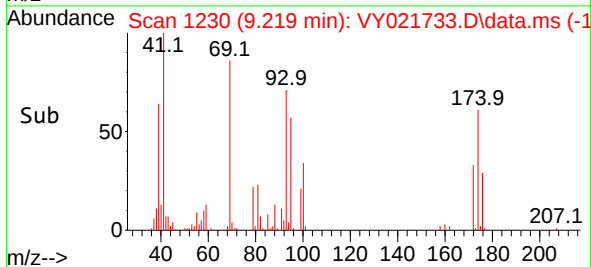
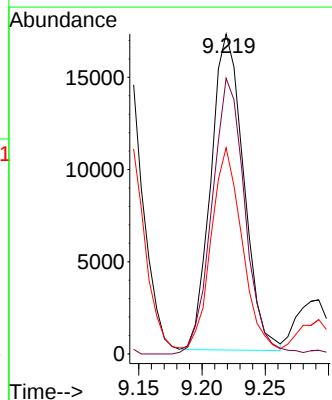
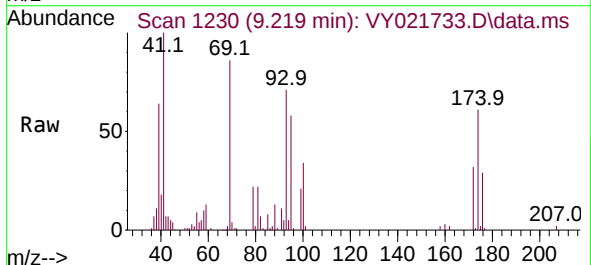
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

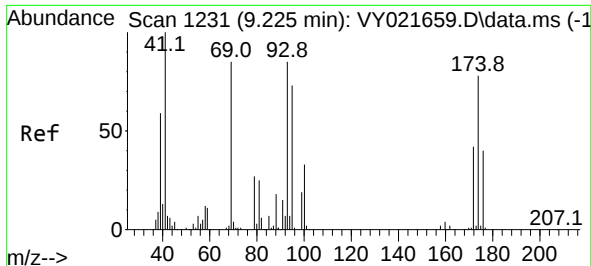
Tgt Ion: 83 Resp: 84013
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 18.696 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 41 Resp: 30905
Ion Ratio Lower Upper
41 100
69 87.4 69.8 104.8
39 59.4 47.2 70.8





#49

1,4-Dioxane

Concen: 398.466 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

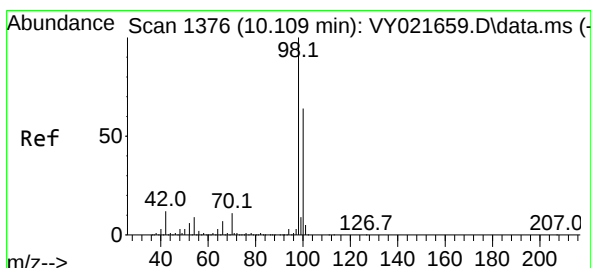
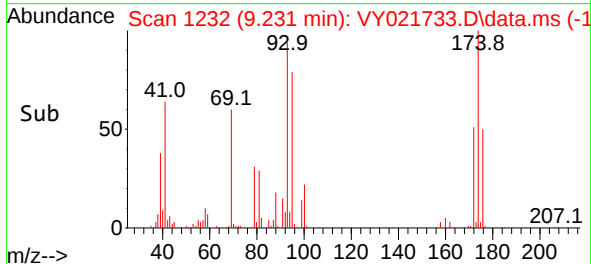
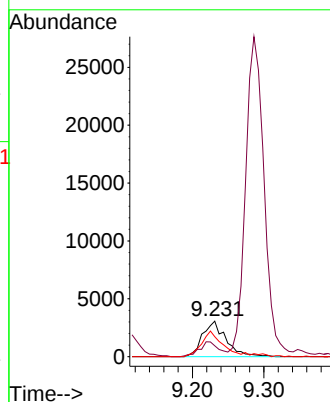
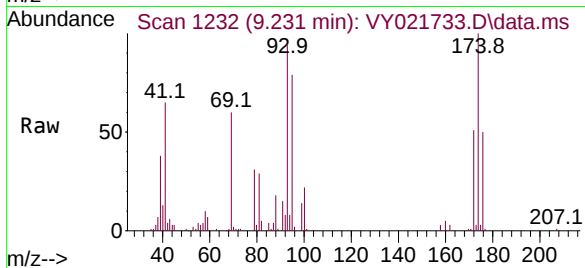
Tgt Ion: 88 Resp: 7023

Ion Ratio Lower Upper

88 100

43 35.2 28.8 43.2

58 70.3 59.4 89.2



#50

Toluene-d8

Concen: 54.931 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021733.D

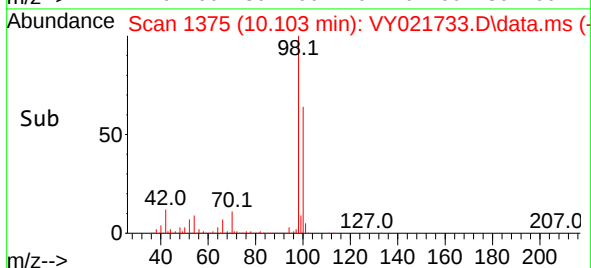
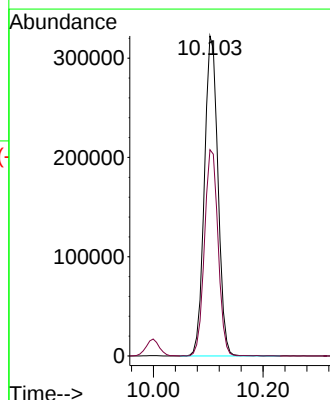
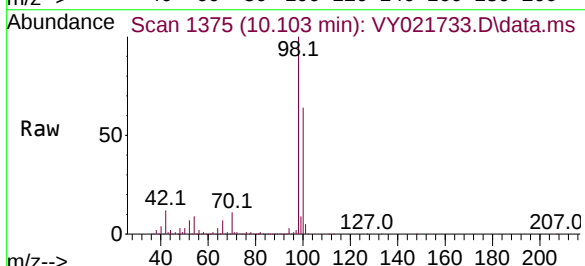
Acq: 01 Apr 2025 11:30

Tgt Ion: 98 Resp: 552526

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 94.559 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

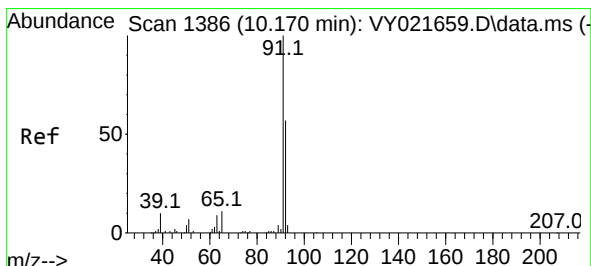
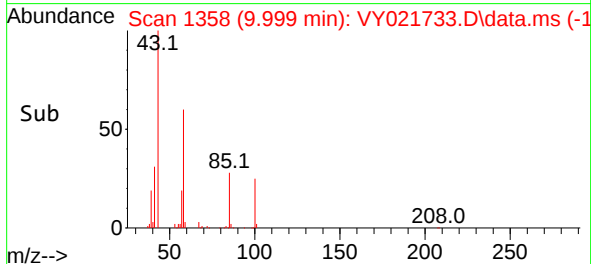
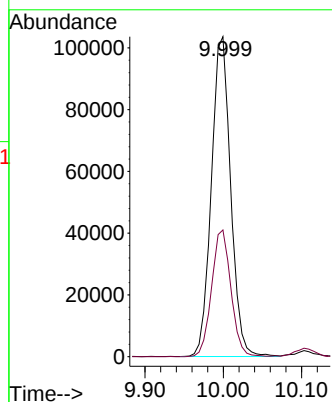
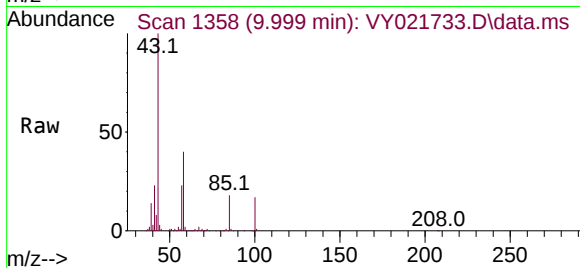
VY0401SBS01

Tgt Ion: 43 Resp: 177237

Ion Ratio Lower Upper

43 100

58 39.7 31.5 47.3



#52

Toluene

Concen: 19.974 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021733.D

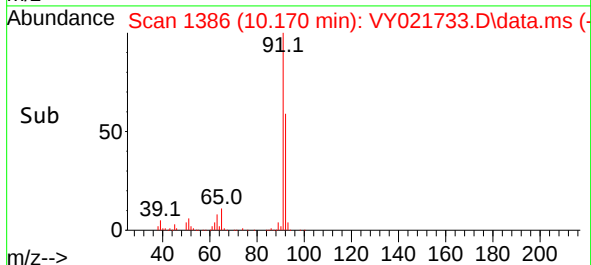
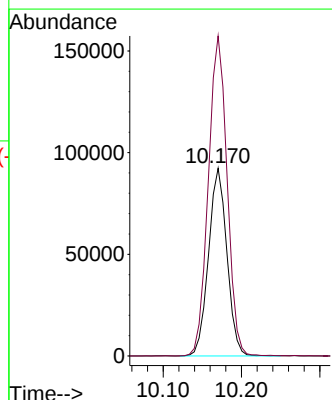
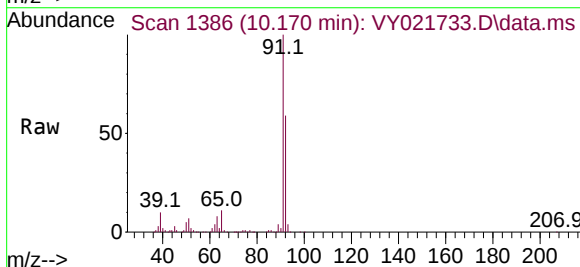
Acq: 01 Apr 2025 11:30

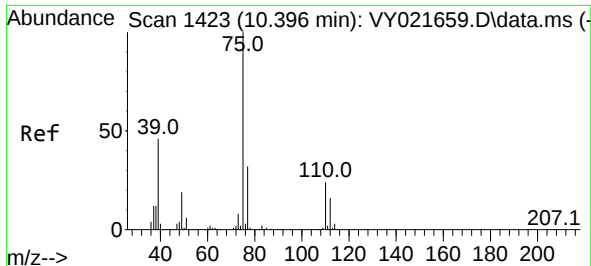
Tgt Ion: 92 Resp: 150299

Ion Ratio Lower Upper

92 100

91 174.4 138.6 207.8

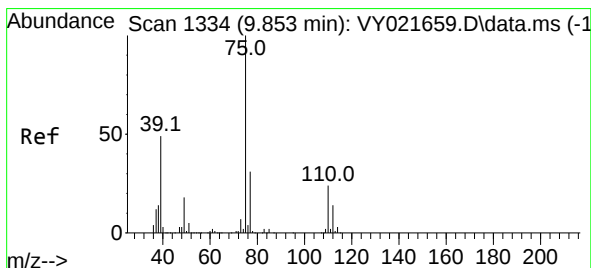
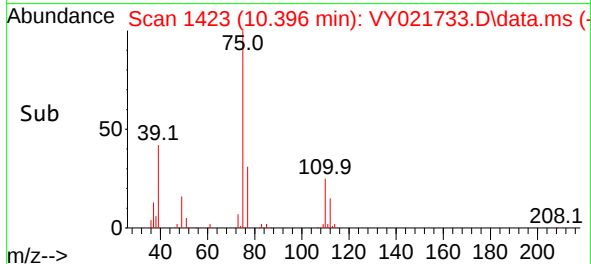
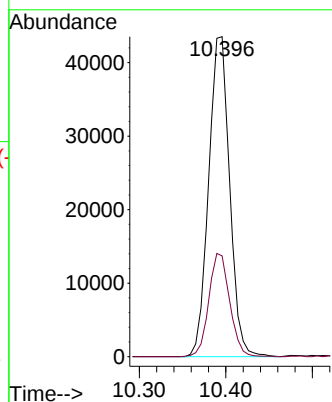
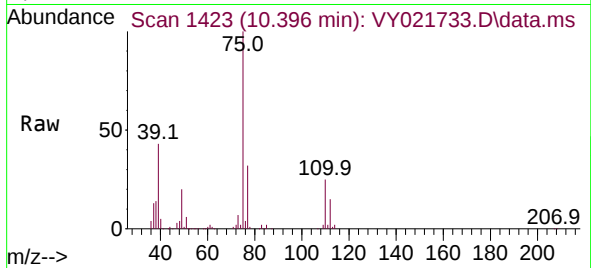




#53
 t-1,3-Dichloropropene
 Concen: 19.371 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

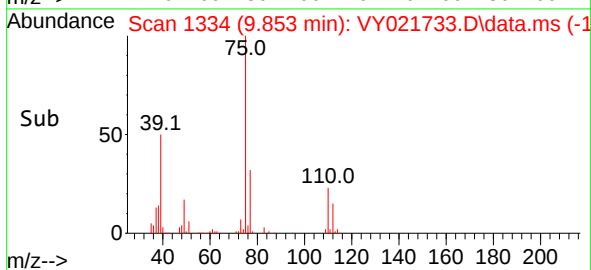
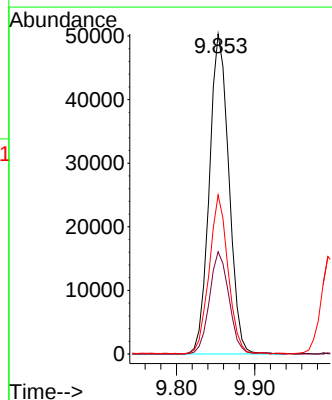
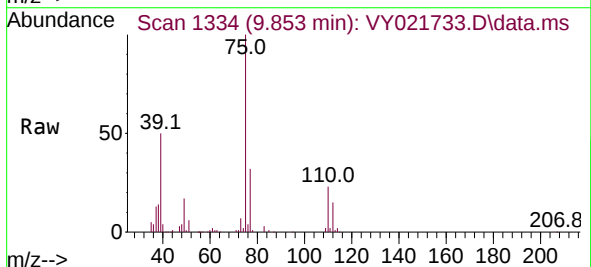
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS01

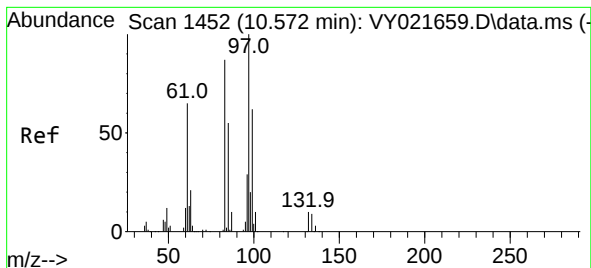
Tgt Ion: 75 Resp: 73353
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.495 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

Tgt Ion: 75 Resp: 87090
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 49.7 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 19.958 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

Tgt Ion: 97 Resp: 42257

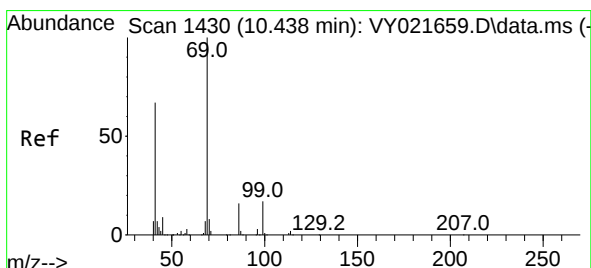
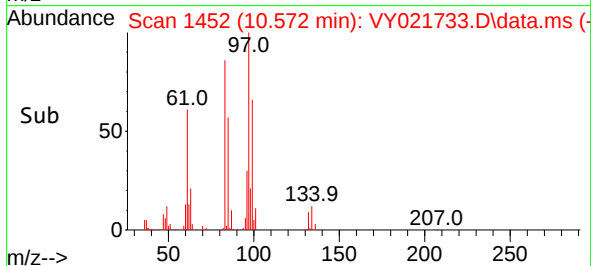
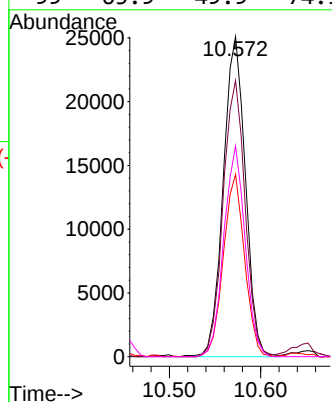
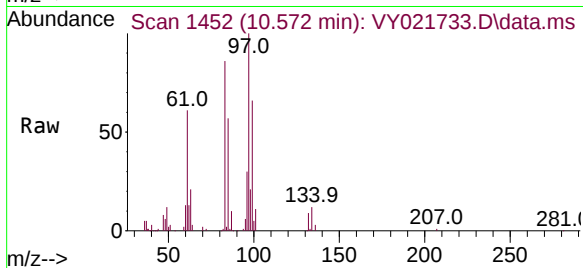
Ion Ratio Lower Upper

97 100

83 86.3 69.5 104.3

85 57.0 43.9 65.9

99 65.9 49.9 74.9



#56

Ethyl methacrylate

Concen: 18.811 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

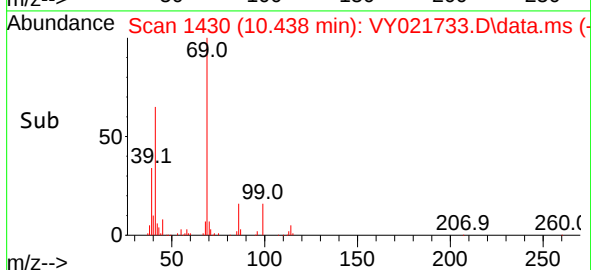
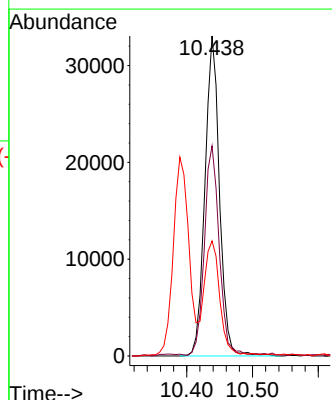
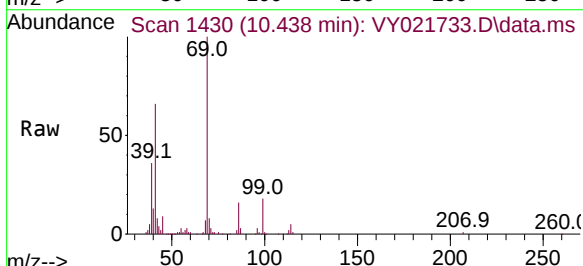
Tgt Ion: 69 Resp: 50856

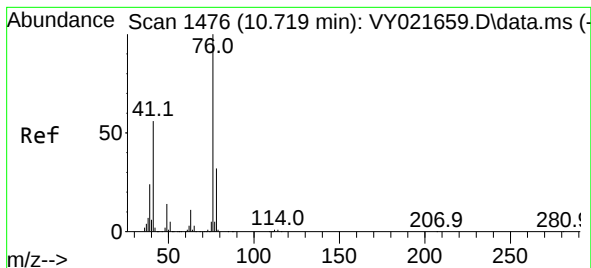
Ion Ratio Lower Upper

69 100

41 66.4 53.8 80.6

39 39.1 29.6 44.4





#57

1,3-Dichloropropane

Concen: 19.553 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

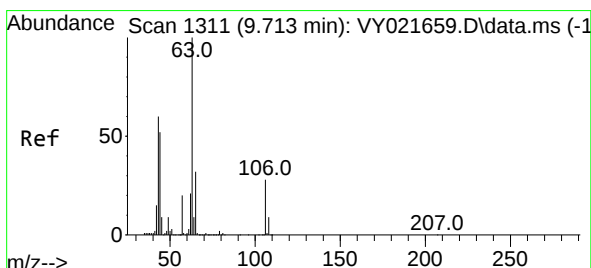
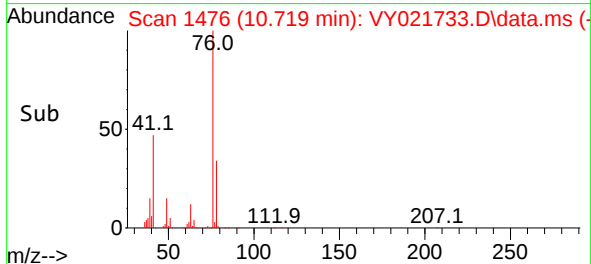
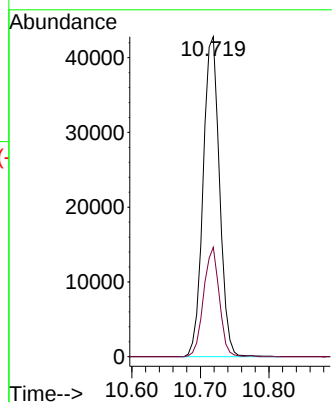
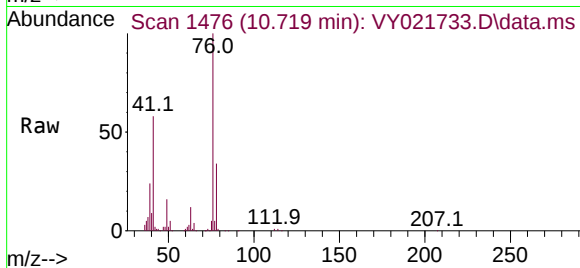
VY0401SBS01

Tgt Ion: 76 Resp: 71498

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.652 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021733.D

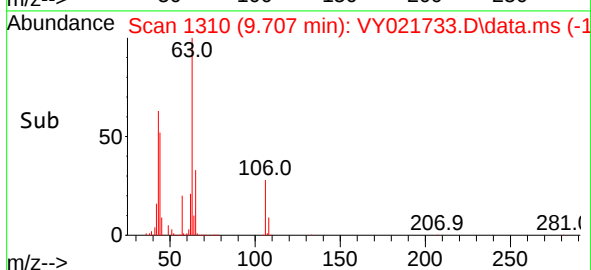
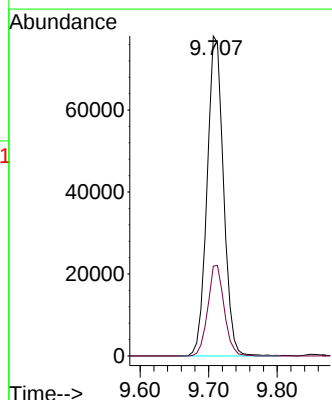
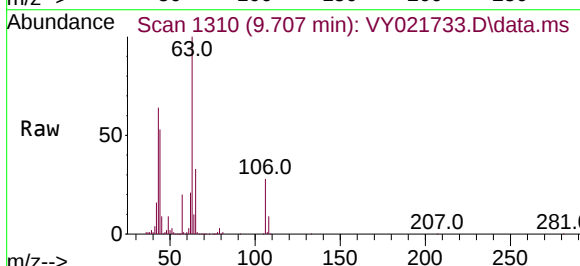
Acq: 01 Apr 2025 11:30

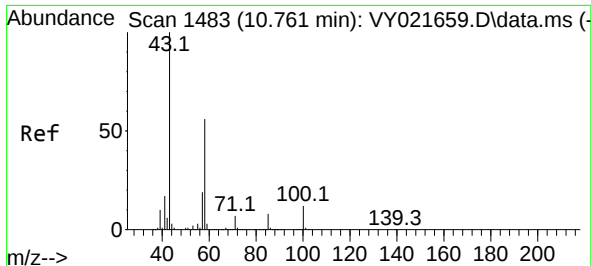
Tgt Ion: 63 Resp: 130109

Ion Ratio Lower Upper

63 100

106 28.2 22.4 33.6

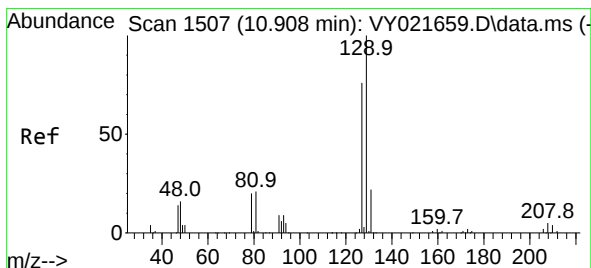
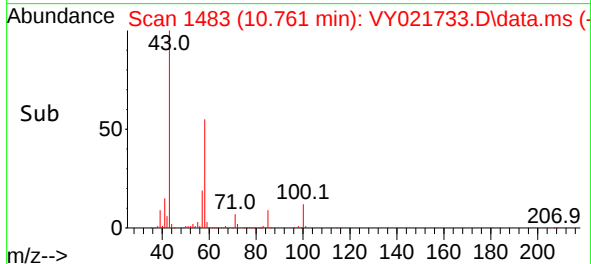
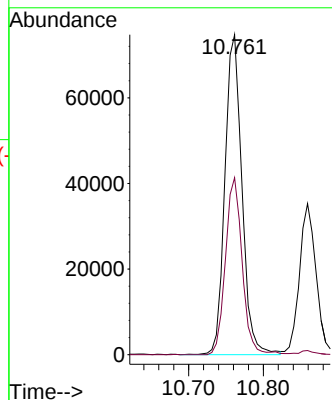
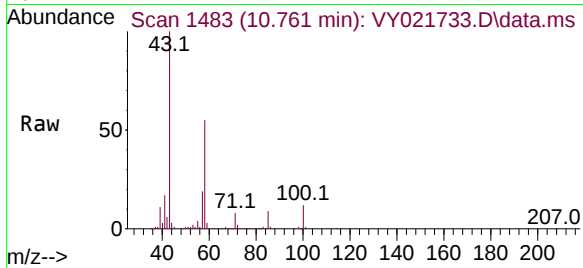




#59
2-Hexanone
Concen: 94.881 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

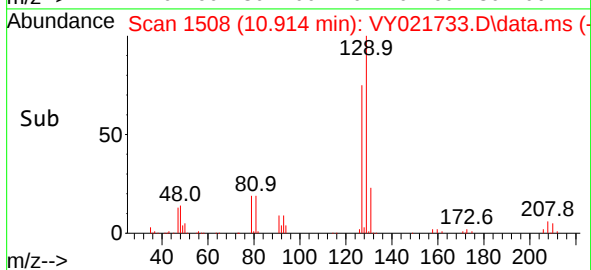
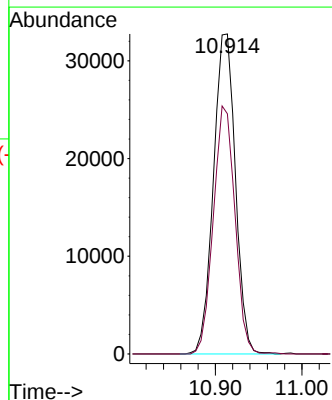
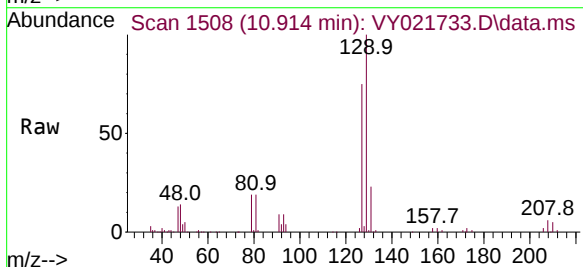
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

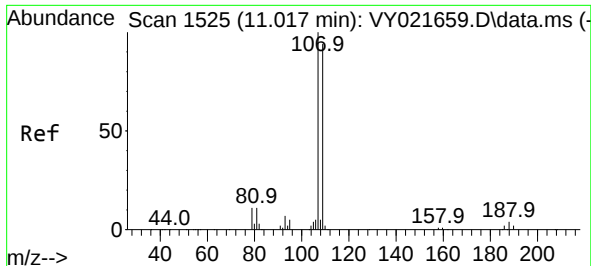
Tgt Ion: 43 Resp: 118439
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5



#60
Dibromochloromethane
Concen: 19.981 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 129 Resp: 57761
Ion Ratio Lower Upper
129 100
127 76.1 38.6 115.7

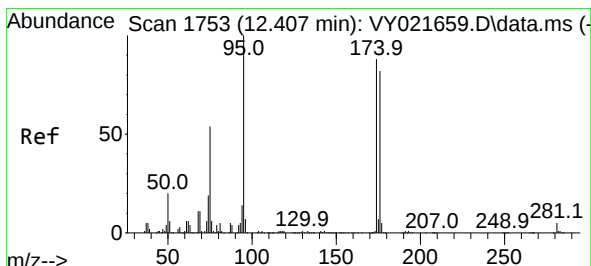
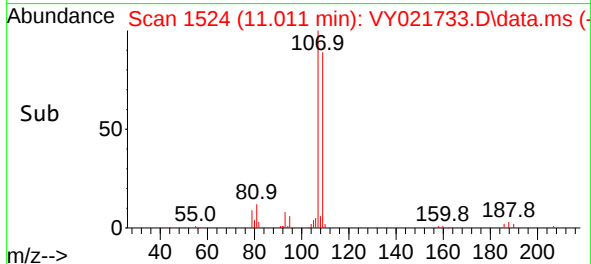
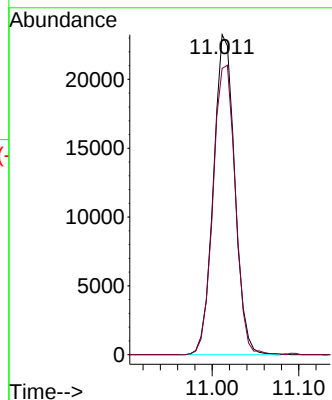
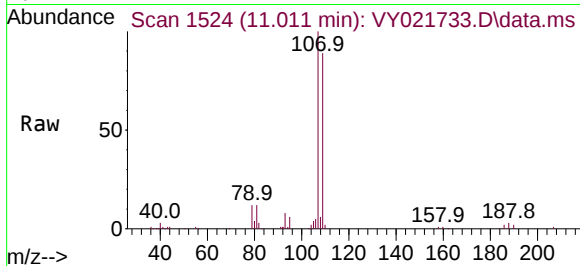




#61
1,2-Dibromoethane
Concen: 19.954 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

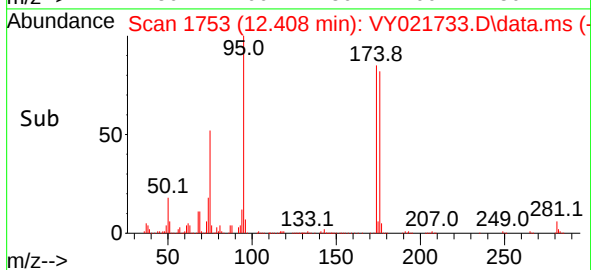
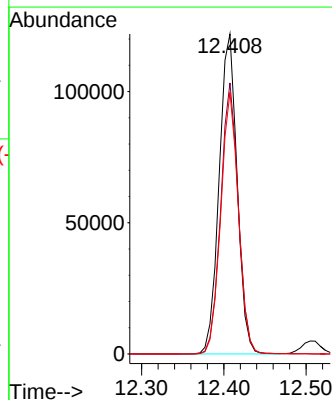
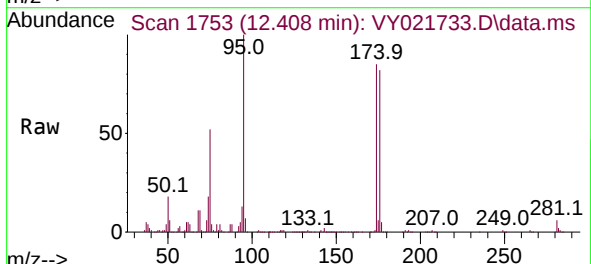
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

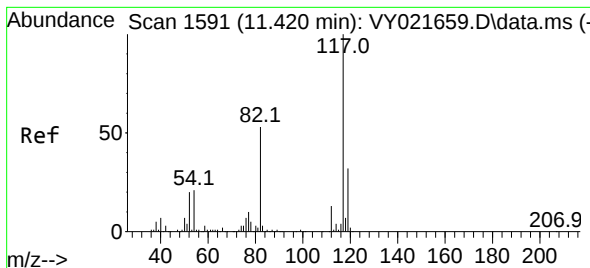
Tgt Ion:107 Resp: 39631
Ion Ratio Lower Upper
107 100
109 94.8 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.320 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 95 Resp: 184811
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.8
176 80.2 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: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

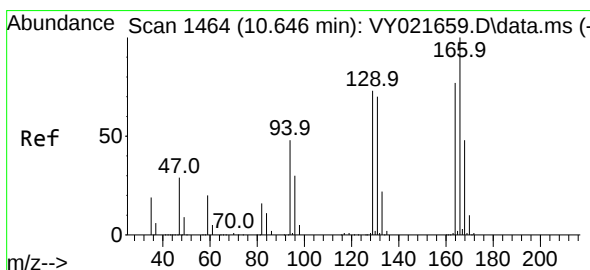
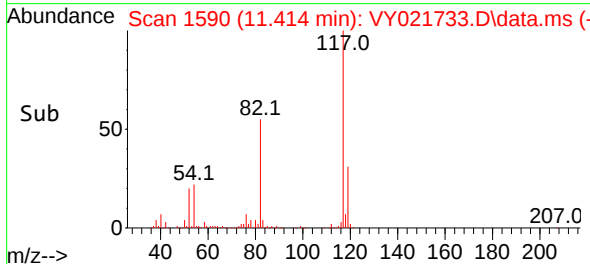
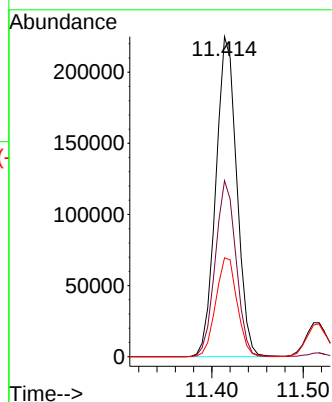
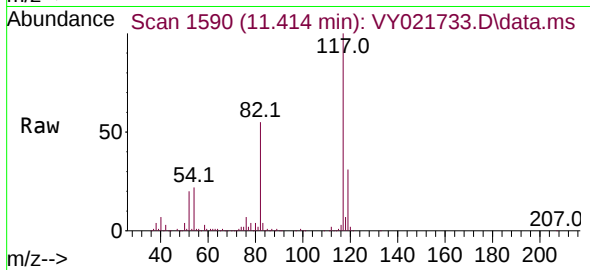
Tgt Ion:117 Resp: 358349

Ion Ratio Lower Upper

117 100

82 55.0 42.8 64.2

119 30.9 25.7 38.5



#64

Tetrachloroethene

Concen: 20.770 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Tgt Ion:164 Resp: 67787

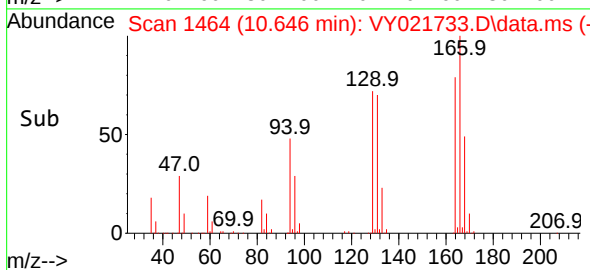
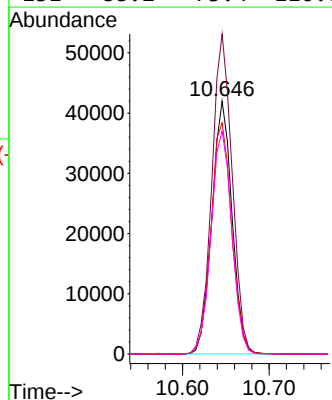
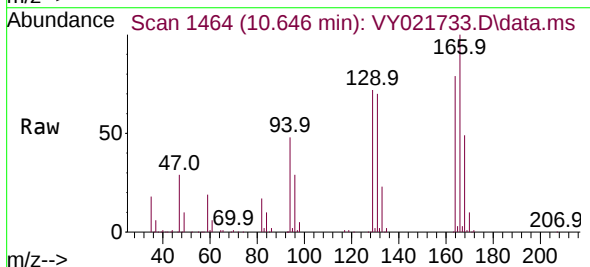
Ion Ratio Lower Upper

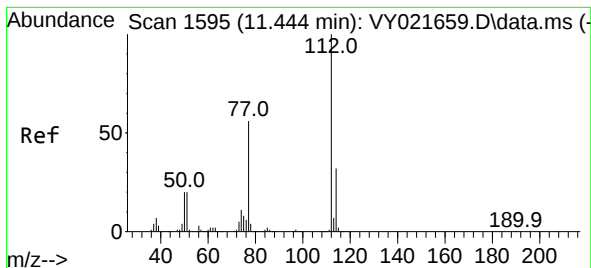
164 100

166 126.6 104.6 156.8

129 91.4 76.6 114.8

131 88.2 73.4 110.0





#65

Chlorobenzene

Concen: 19.863 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

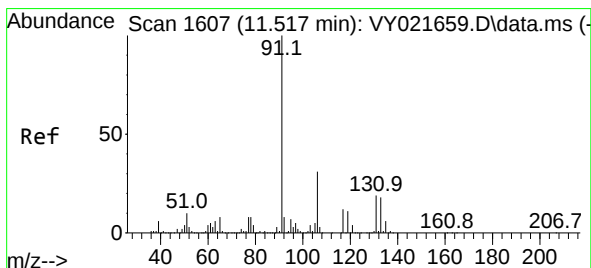
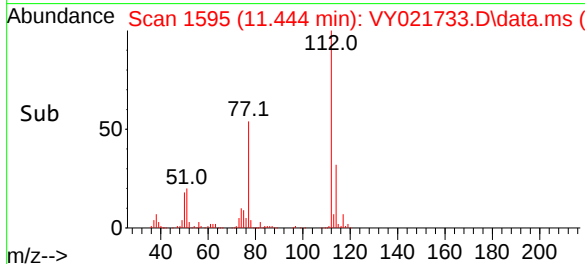
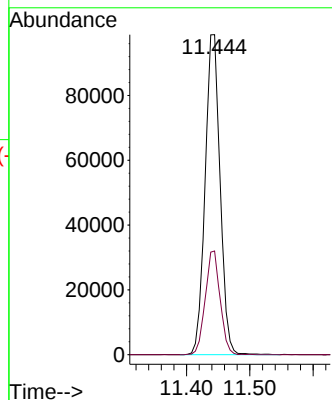
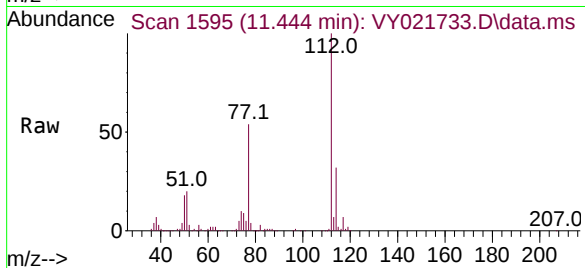
VY0401SBS01

Tgt Ion:112 Resp: 163162

Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.825 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

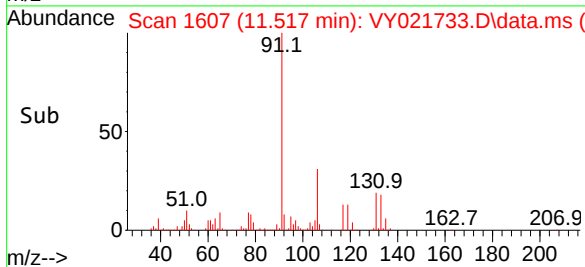
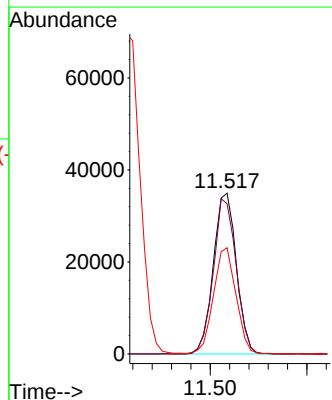
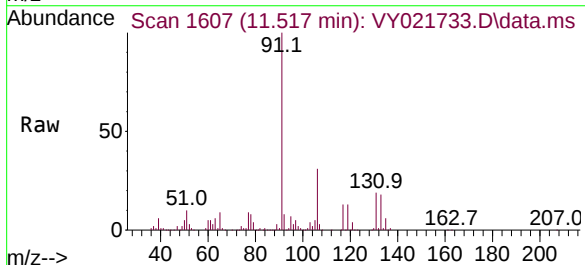
Tgt Ion:131 Resp: 57780

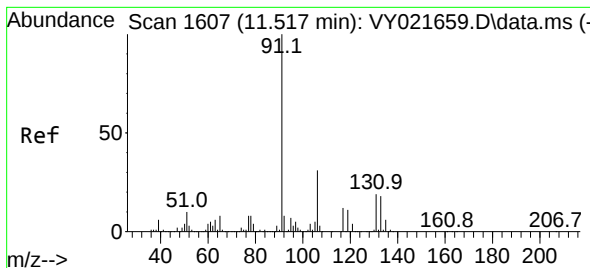
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.8

119 64.7 31.6 95.0





#67

Ethyl Benzene

Concen: 19.829 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

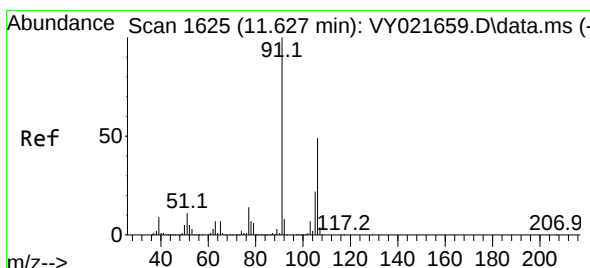
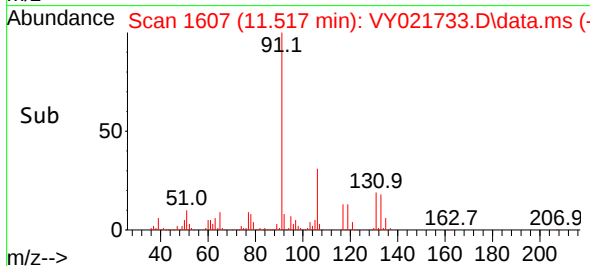
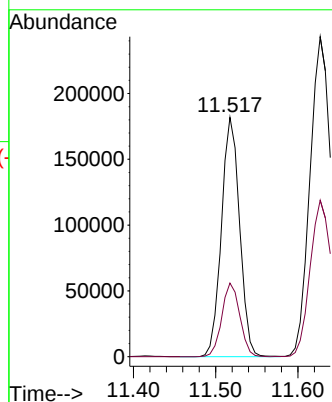
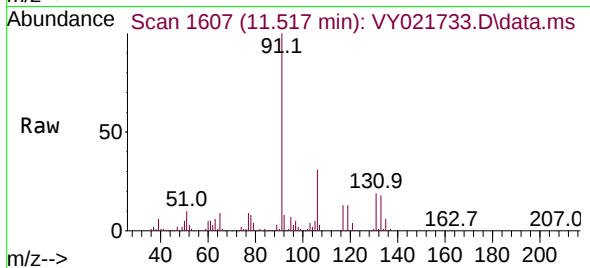
VY0401SBS01

Tgt Ion: 91 Resp: 279312

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 39.525 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021733.D

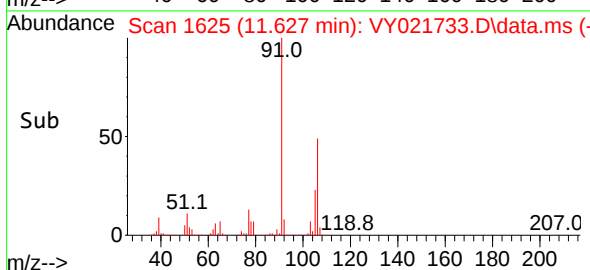
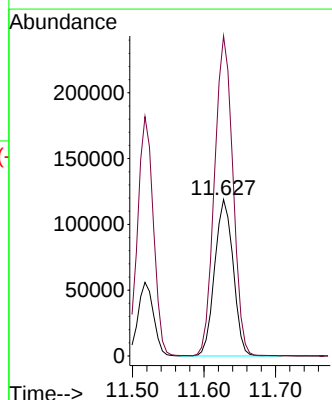
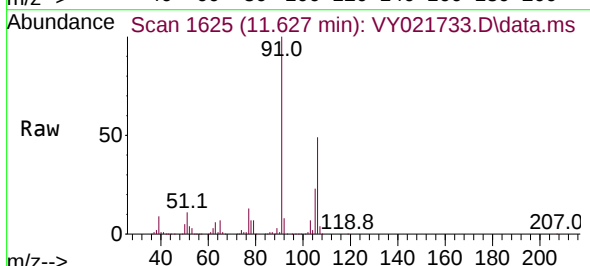
Acq: 01 Apr 2025 11:30

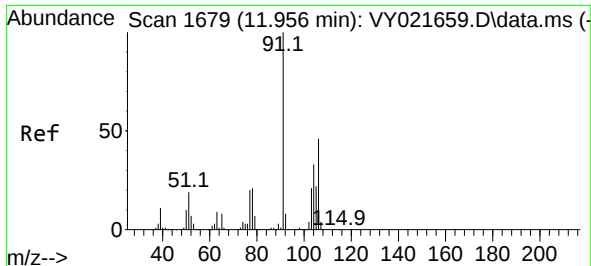
Tgt Ion:106 Resp: 213197

Ion Ratio Lower Upper

106 100

91 204.1 162.4 243.6

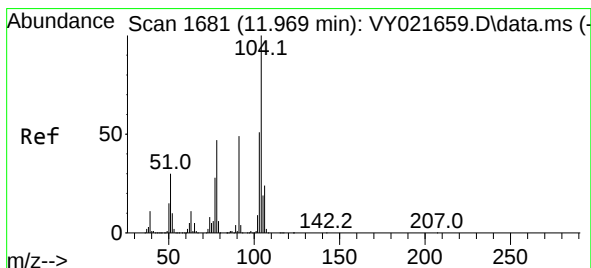
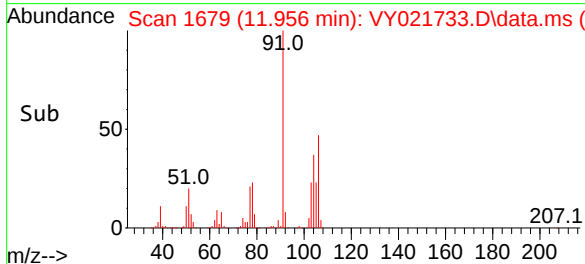
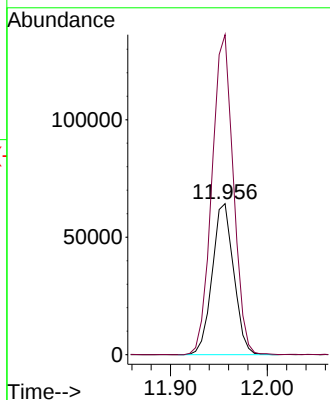
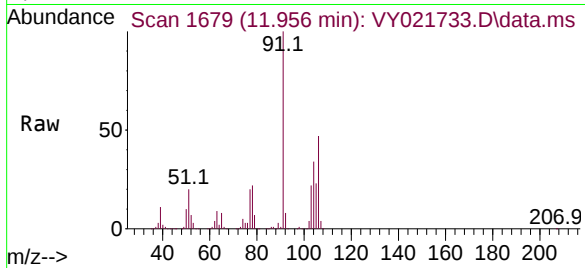




#69
o-Xylene
Concen: 19.962 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

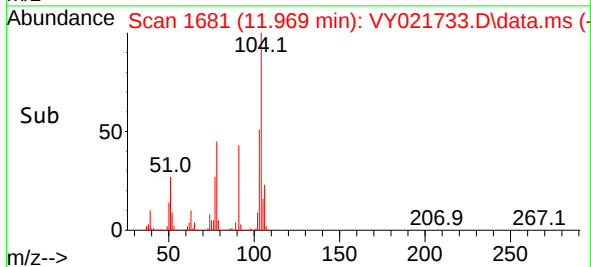
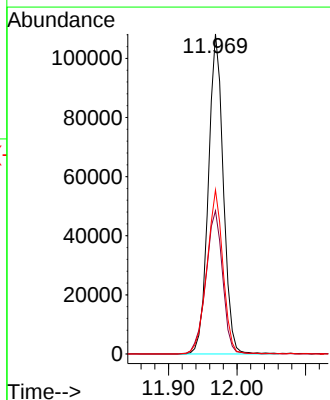
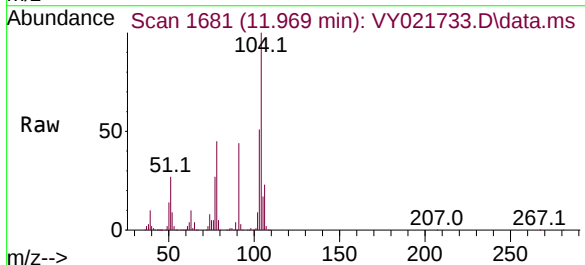
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

Tgt Ion:106 Resp: 99393
Ion Ratio Lower Upper
106 100
91 211.0 106.7 319.9



#70
Styrene
Concen: 19.872 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion:104 Resp: 164968
Ion Ratio Lower Upper
104 100
78 49.8 40.8 61.2
103 55.1 44.2 66.2





#71

Bromoform

Concen: 20.501 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

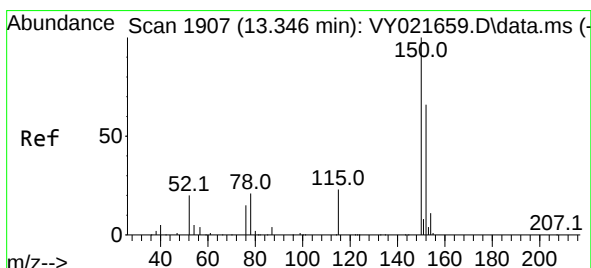
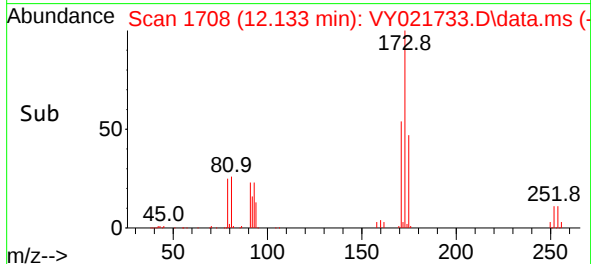
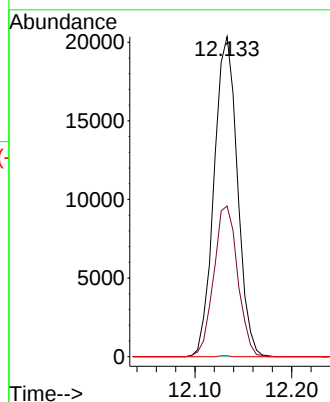
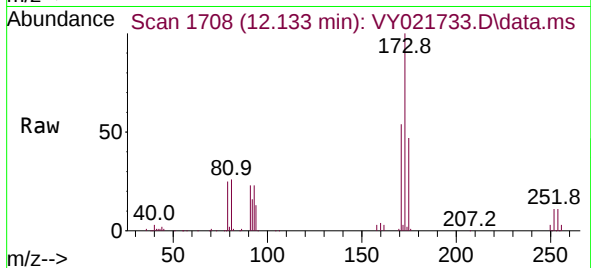
Tgt Ion:173 Resp: 34082

Ion Ratio Lower Upper

173 100

175 48.3 24.3 73.0

254 0.1 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: VY021733.D

Acq: 01 Apr 2025 11:30

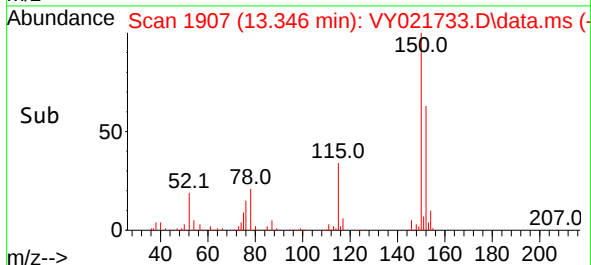
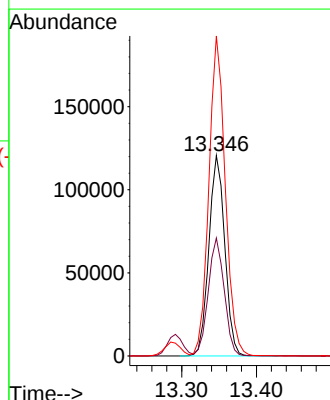
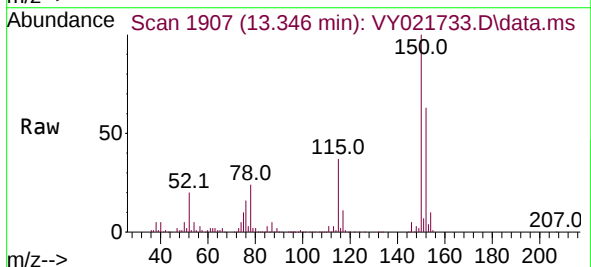
Tgt Ion:152 Resp: 179014

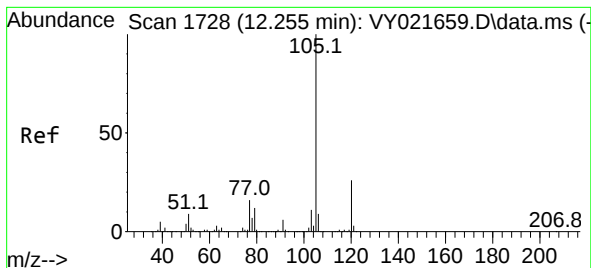
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 164.1 0.0 348.4





#73

Isopropylbenzene

Concen: 19.814 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

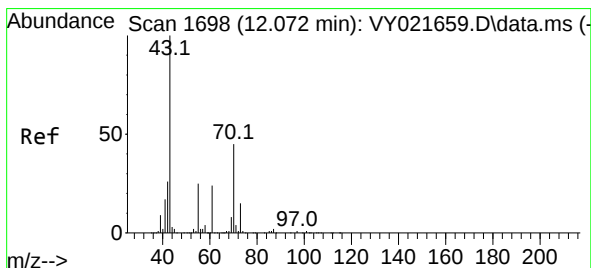
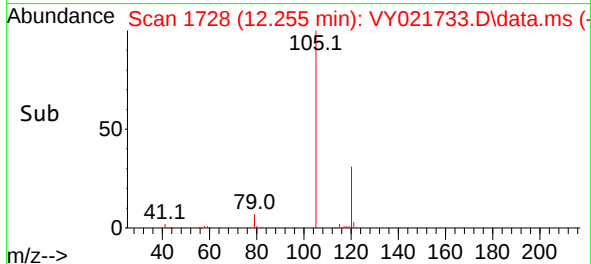
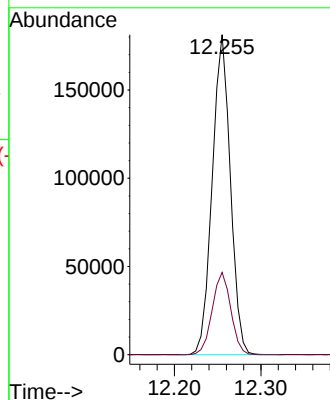
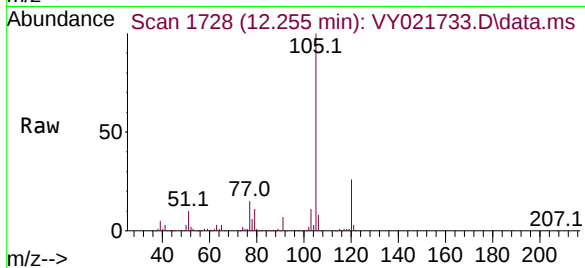
VY0401SBS01

Tgt Ion:105 Resp: 263449

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 18.029 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Tgt Ion: 43 Resp: 56258

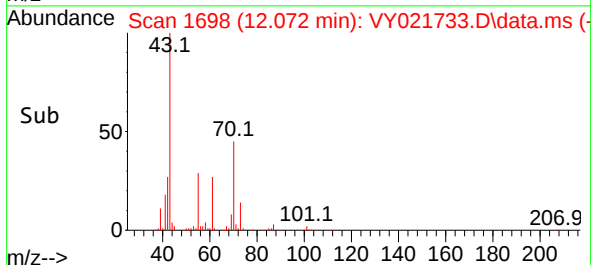
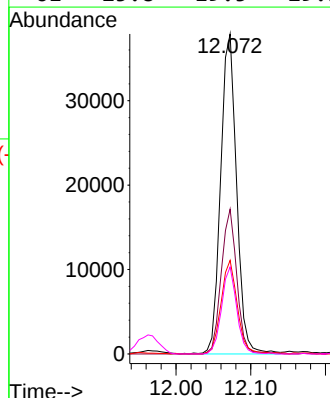
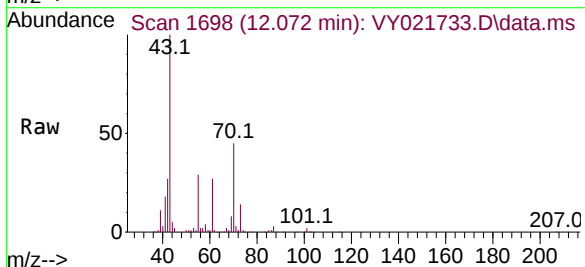
Ion Ratio Lower Upper

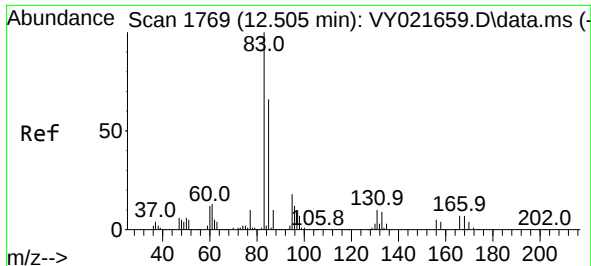
43 100

70 44.2 34.7 52.1

55 30.1 21.2 31.8

61 25.8 19.5 29.3

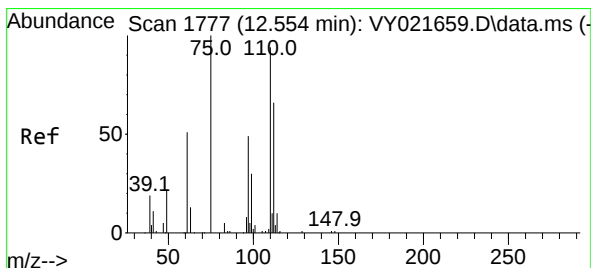
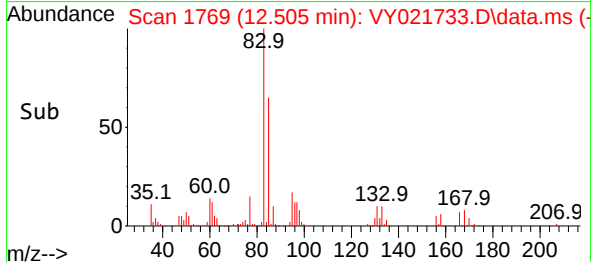
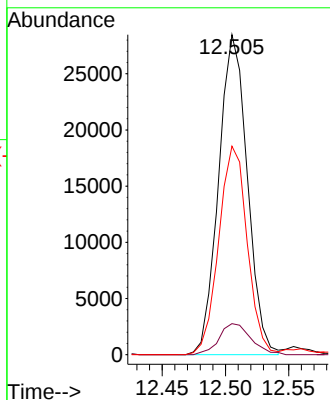
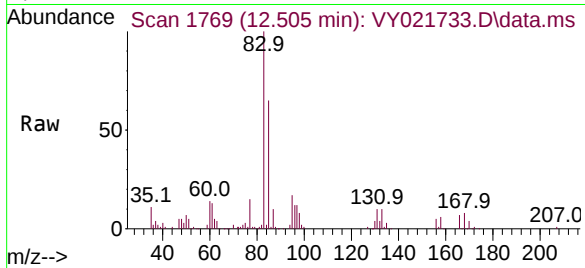




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.822 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

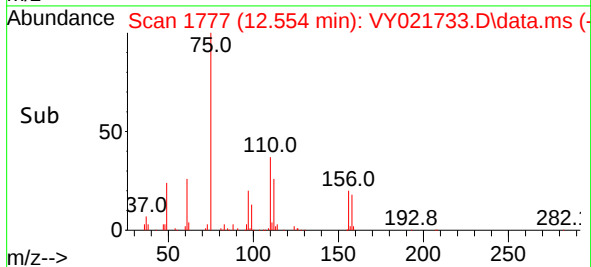
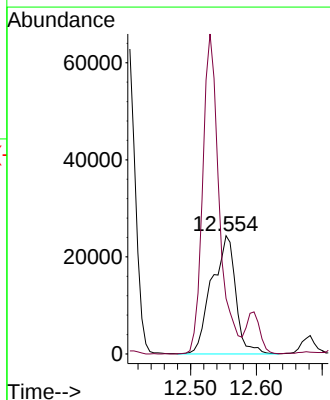
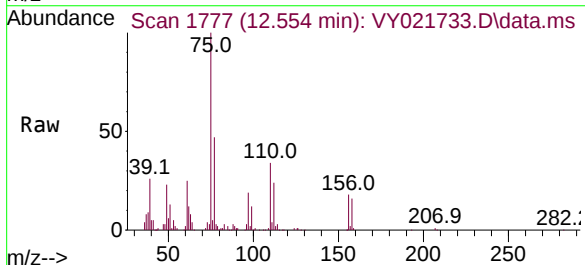
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS01

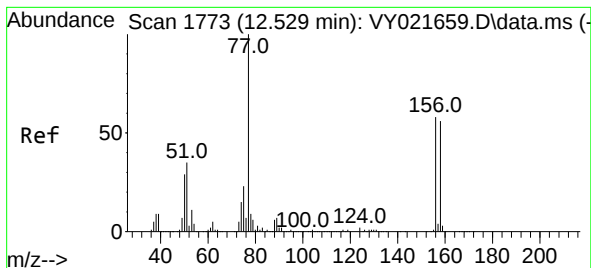
Tgt Ion: 83 Resp: 44993
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.1 15.3
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.811 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

Tgt Ion: 75 Resp: 61772
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.832 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

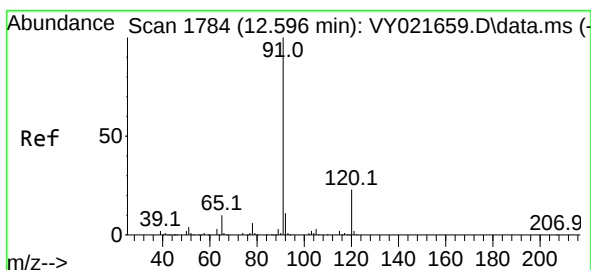
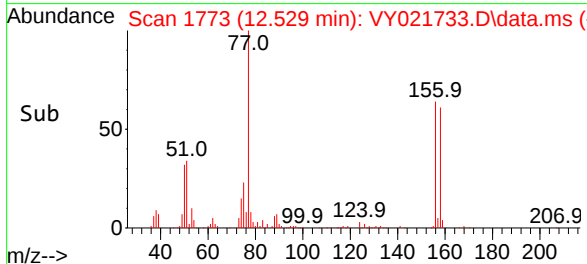
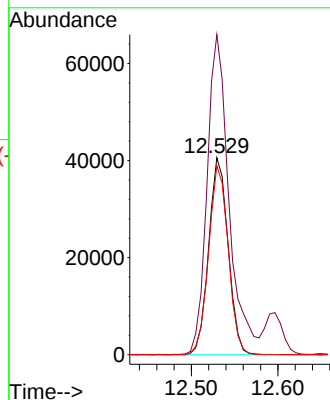
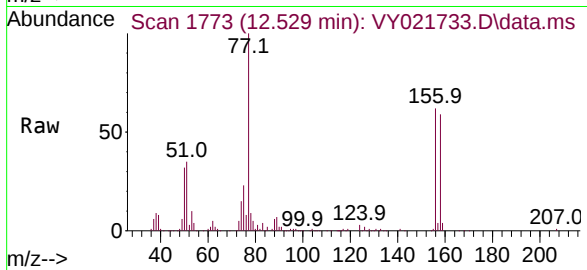
Tgt Ion:156 Resp: 63312

Ion Ratio Lower Upper

156 100

77 183.7 92.8 278.3

158 96.3 48.5 145.6



#78

n-propylbenzene

Concen: 19.954 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021733.D

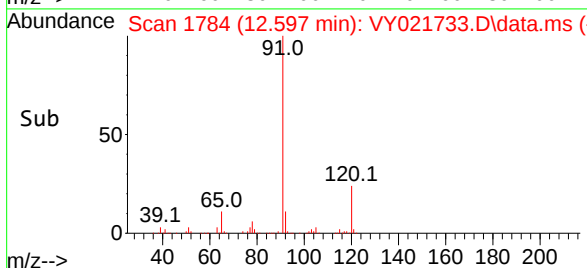
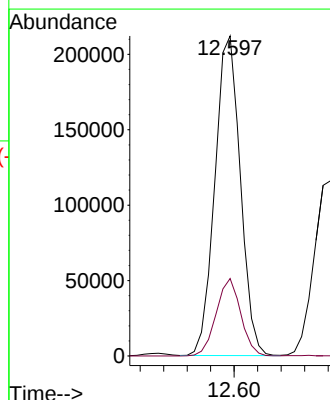
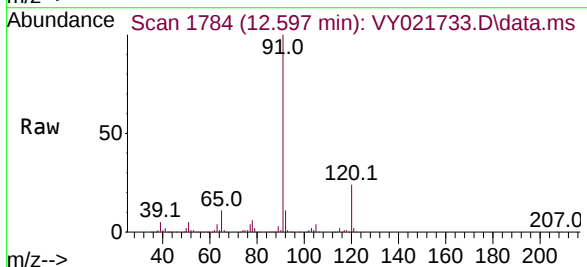
Acq: 01 Apr 2025 11:30

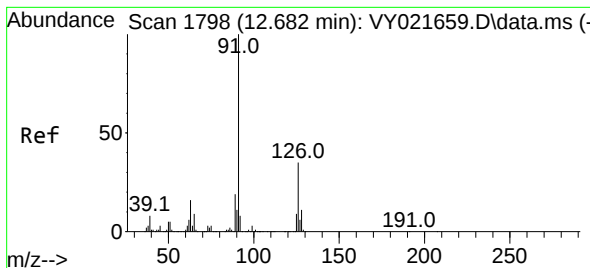
Tgt Ion: 91 Resp: 318964

Ion Ratio Lower Upper

91 100

120 23.4 11.3 33.9

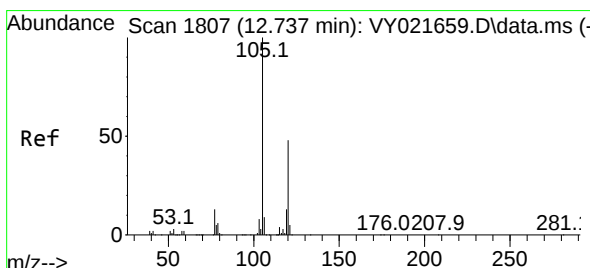
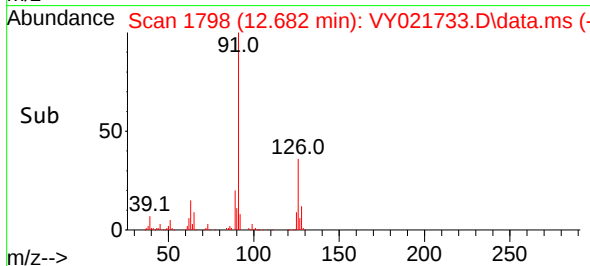
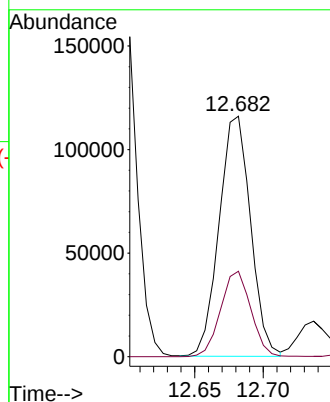
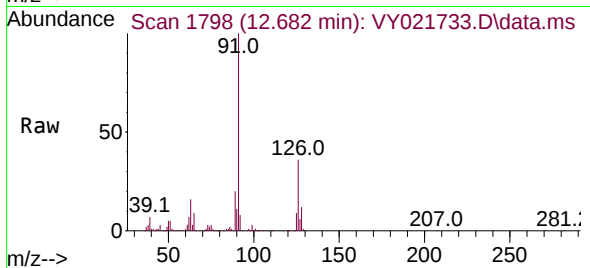




#79
2-Chlorotoluene
Concen: 19.986 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

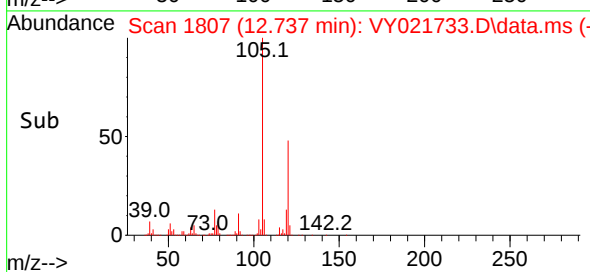
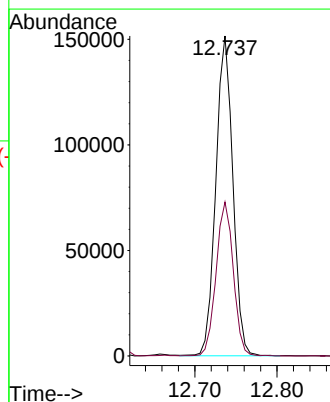
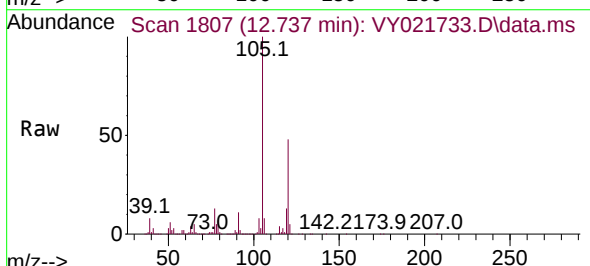
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

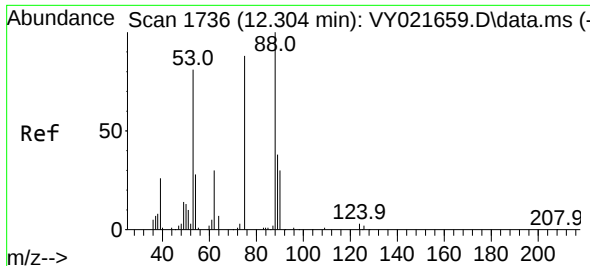
Tgt Ion: 91 Resp: 185554
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 20.054 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 105 Resp: 217918
Ion Ratio Lower Upper
105 100
120 48.8 24.5 73.5

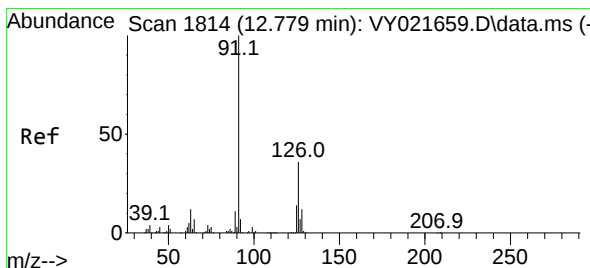
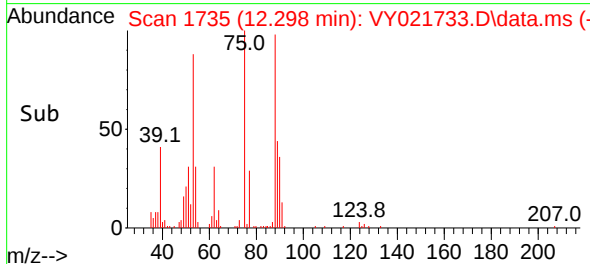
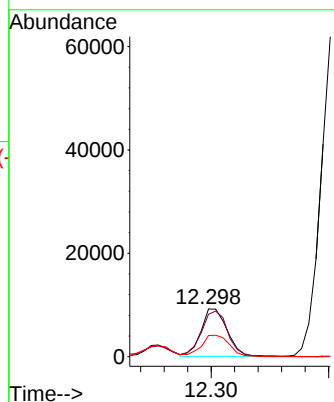
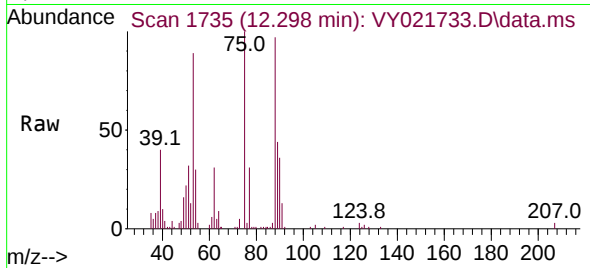




#81
trans-1,4-Dichloro-2-butene
Concen: 18.443 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

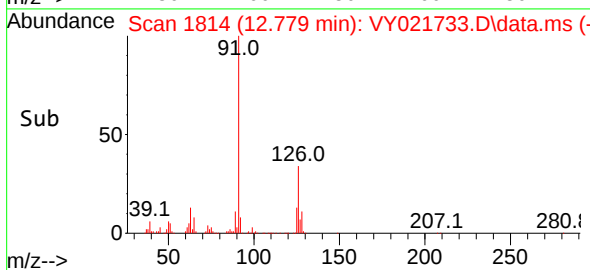
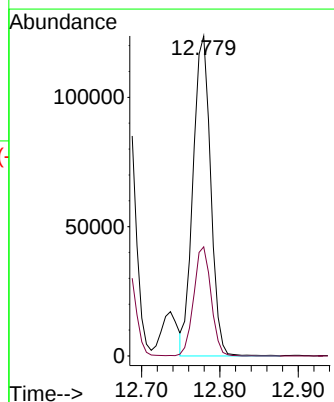
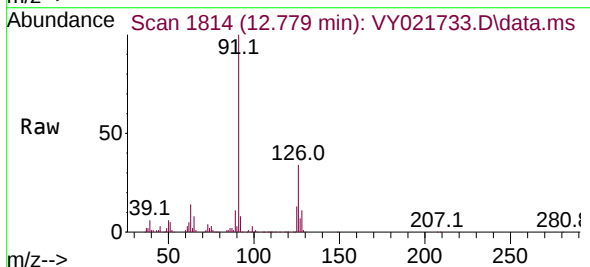
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

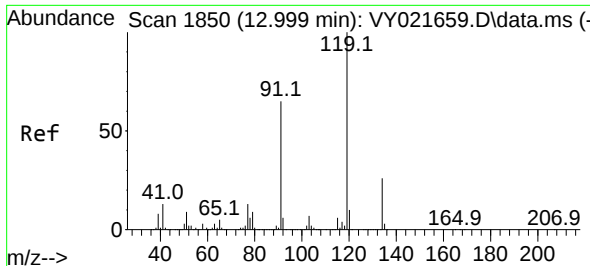
Tgt Ion: 75 Resp: 14203
Ion Ratio Lower Upper
75 100
53 98.6 76.1 114.1
89 47.3 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.999 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021733.D
Acq: 01 Apr 2025 11:30

Tgt Ion: 91 Resp: 193577
Ion Ratio Lower Upper
91 100
126 33.6 17.0 50.9

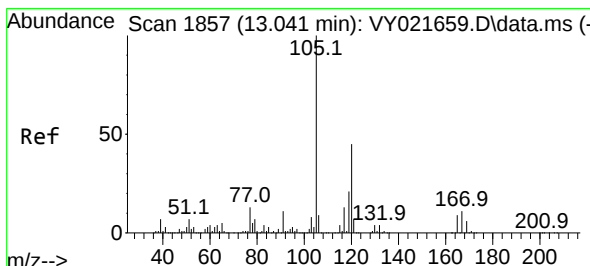
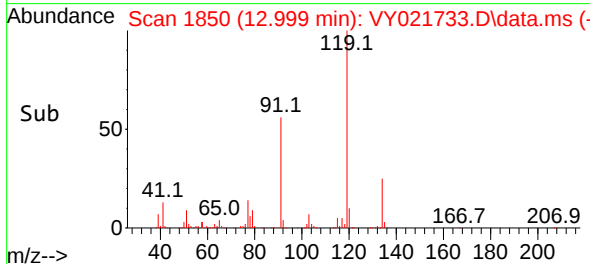
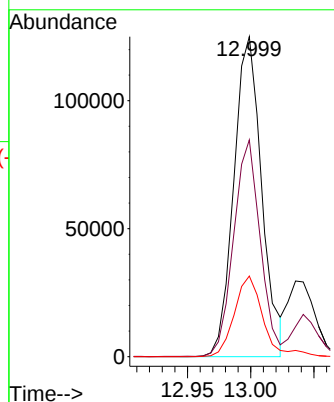
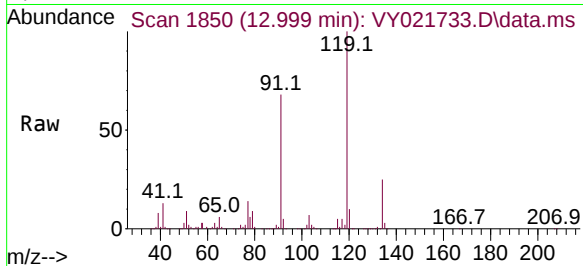




#83
 tert-Butylbenzene
 Concen: 19.845 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

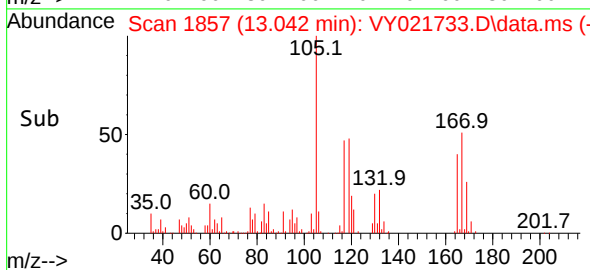
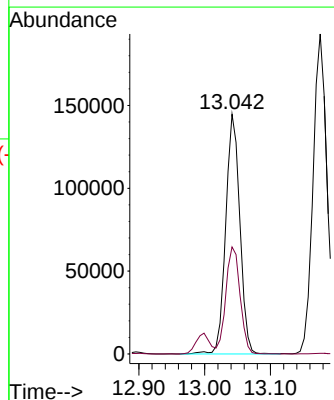
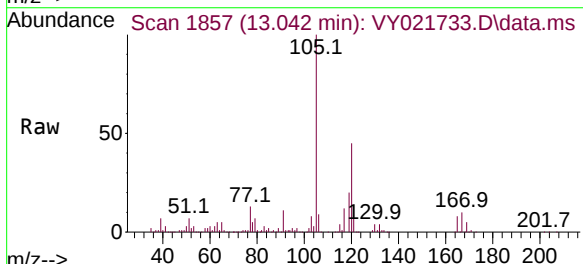
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS01

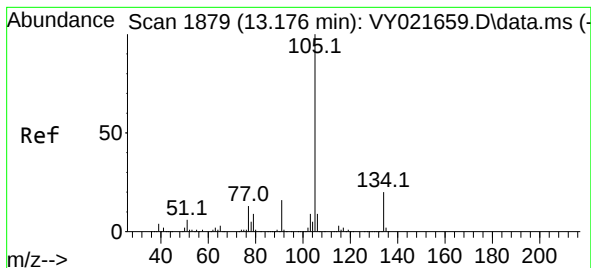
Tgt Ion:119 Resp: 192081
 Ion Ratio Lower Upper
 119 100
 91 64.9 32.6 97.7
 134 26.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.175 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

Tgt Ion:105 Resp: 216682
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.971 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

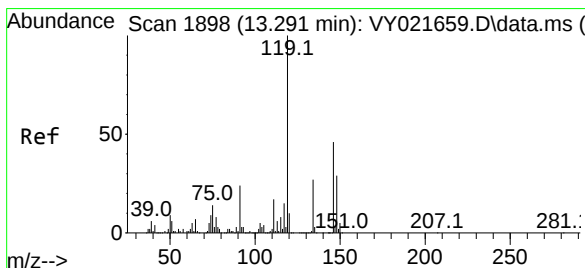
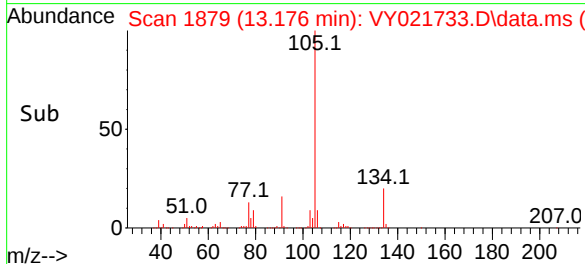
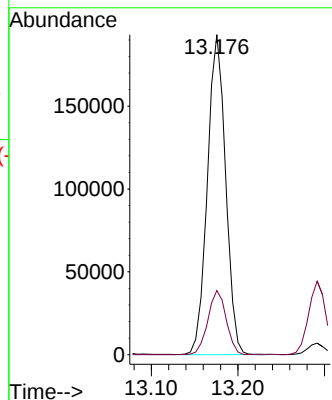
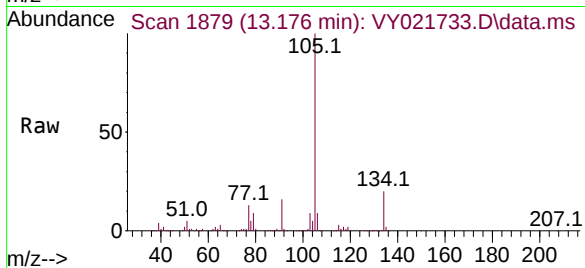
VY0401SBS01

Tgt Ion:105 Resp: 282492

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.909 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

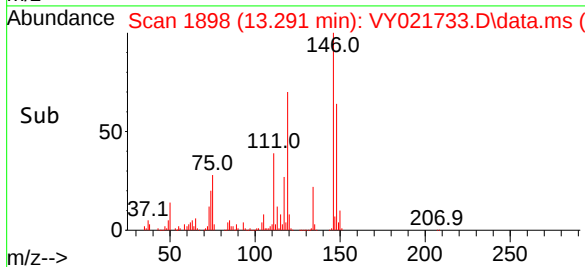
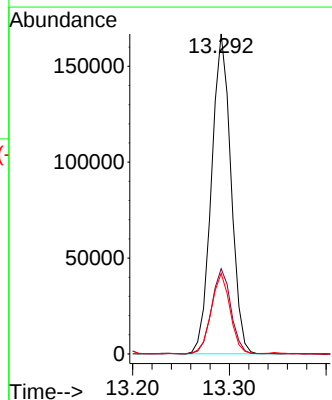
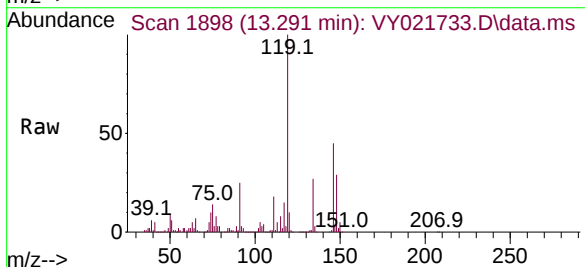
Tgt Ion:119 Resp: 232750

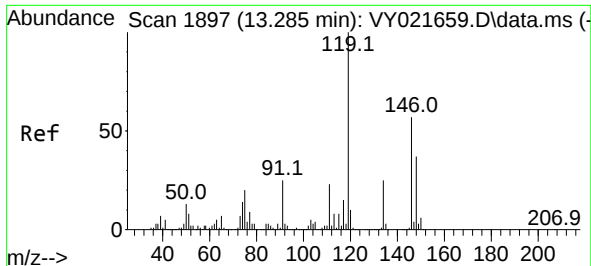
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 24.3 12.0 36.0

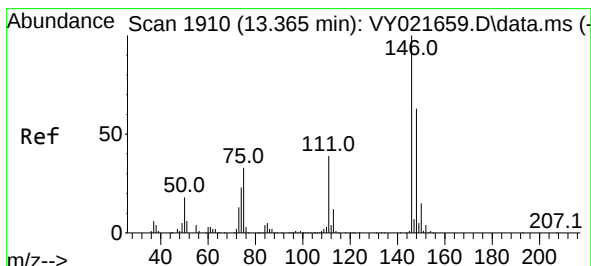
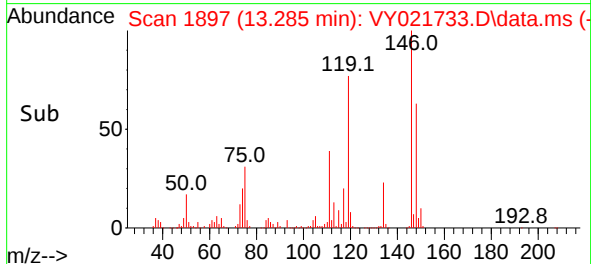
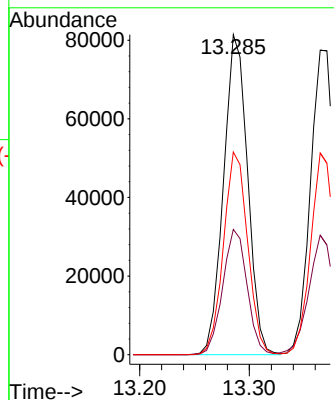
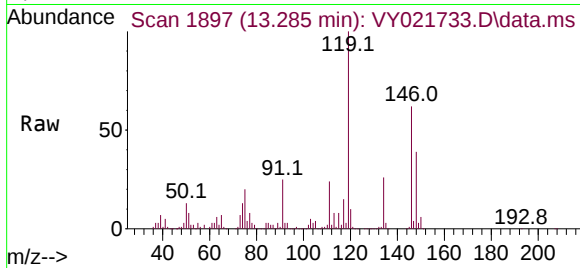




#87
 1,3-Dichlorobenzene
 Concen: 19.765 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

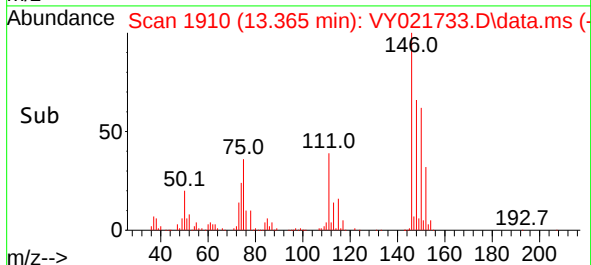
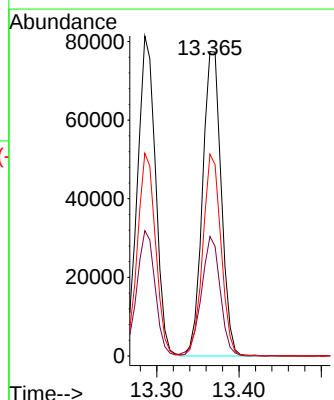
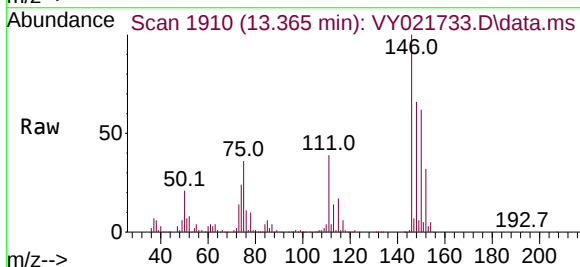
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS01

Tgt Ion:146 Resp: 124312
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 60.0
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.714 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

Tgt Ion:146 Resp: 122507
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.1
 148 64.5 31.5 94.5





#89

n-Butylbenzene

Concen: 19.504 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

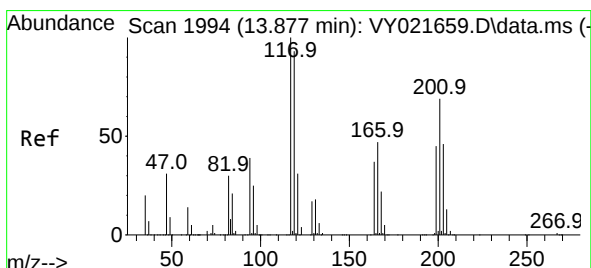
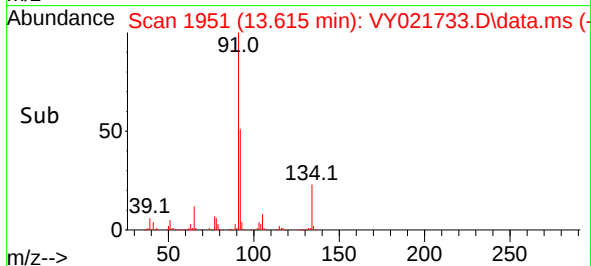
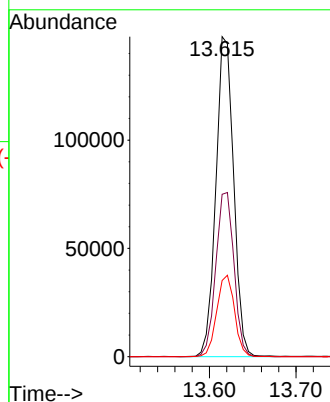
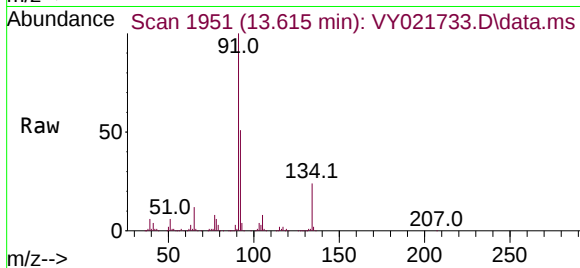
Tgt Ion: 91 Resp: 210873

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 25.5 12.8 38.4



#90

Hexachloroethane

Concen: 19.269 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021733.D

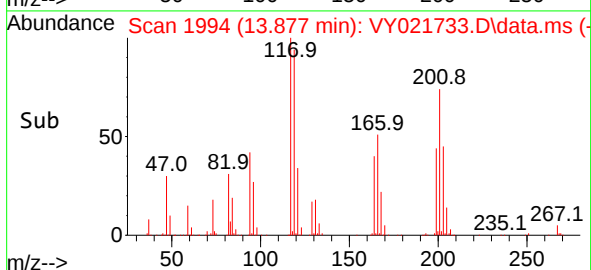
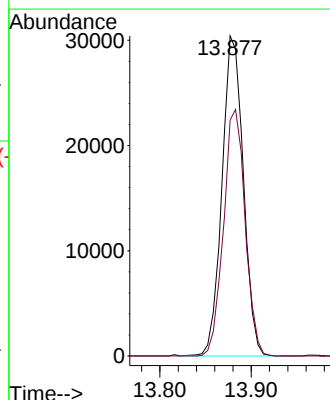
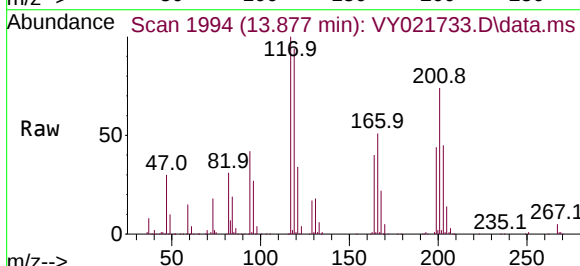
Acq: 01 Apr 2025 11:30

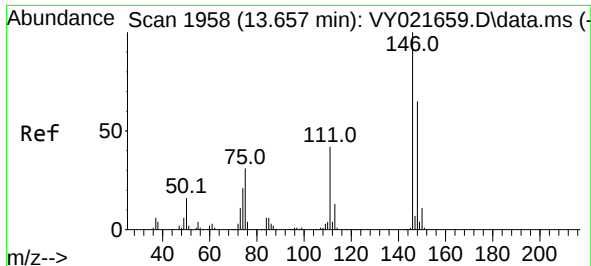
Tgt Ion: 117 Resp: 49366

Ion Ratio Lower Upper

117 100

201 77.9 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 19.725 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

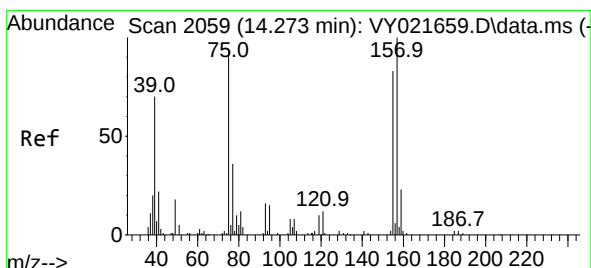
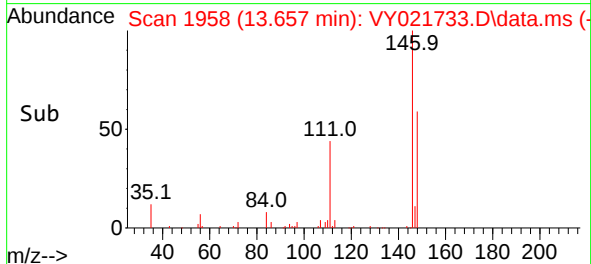
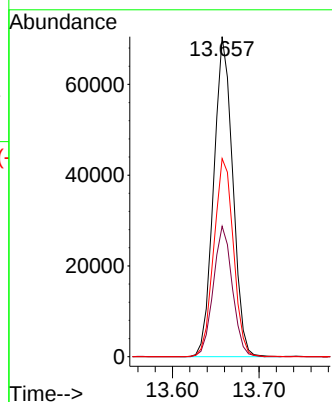
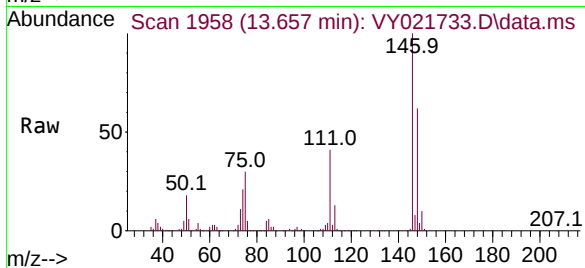
Tgt Ion:146 Resp: 107999

Ion Ratio Lower Upper

146 100

111 40.5 20.7 62.1

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.121 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

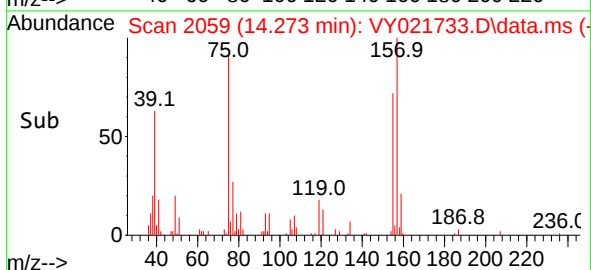
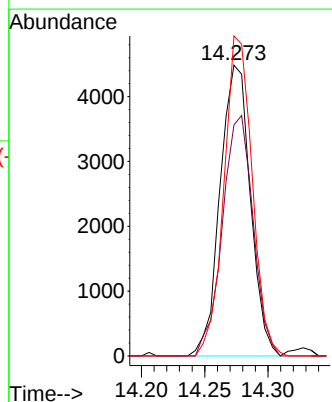
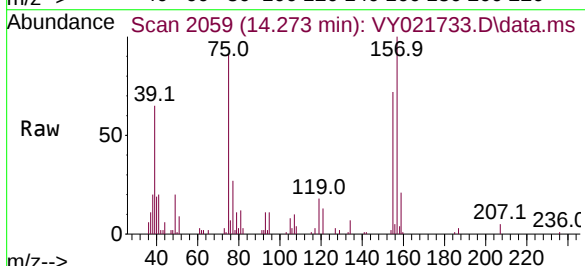
Tgt Ion: 75 Resp: 7455

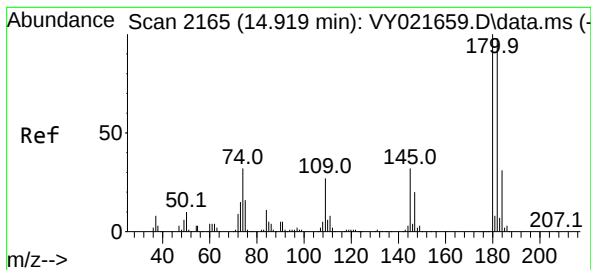
Ion Ratio Lower Upper

75 100

155 83.7 43.0 128.8

157 102.8 54.0 162.0

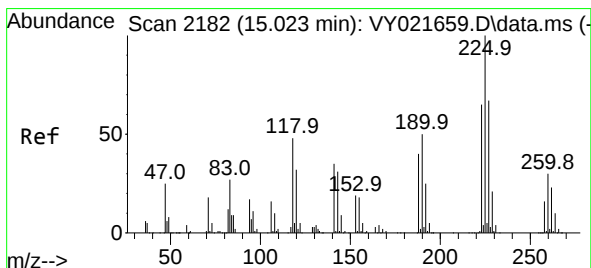
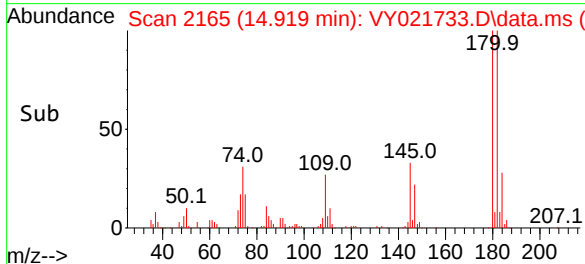
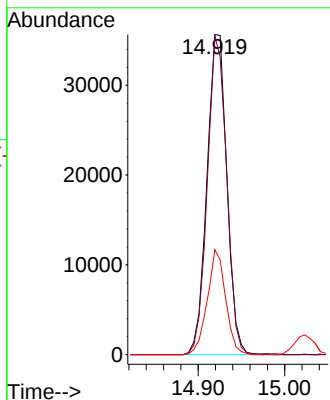
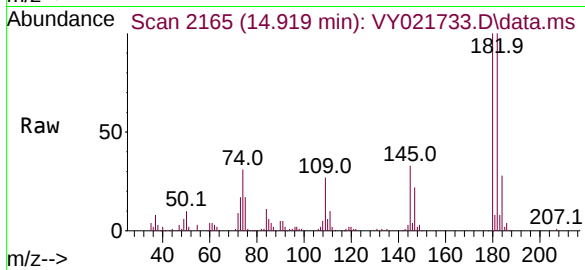




#93
 1,2,4-Trichlorobenzene
 Concen: 19.209 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

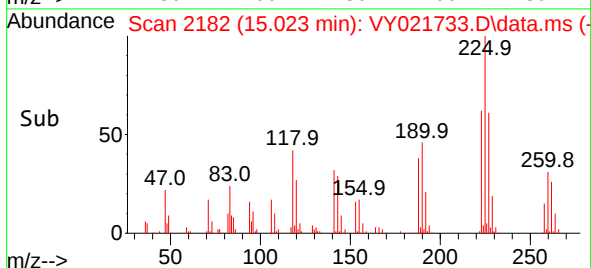
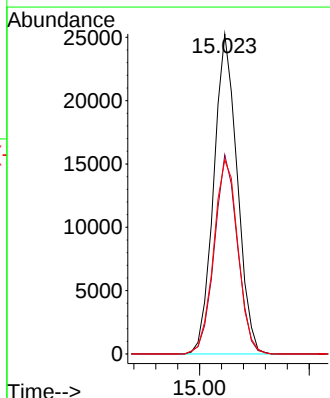
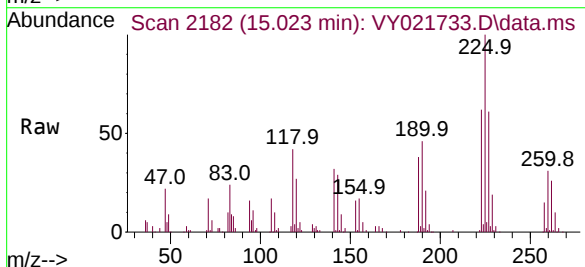
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBS01

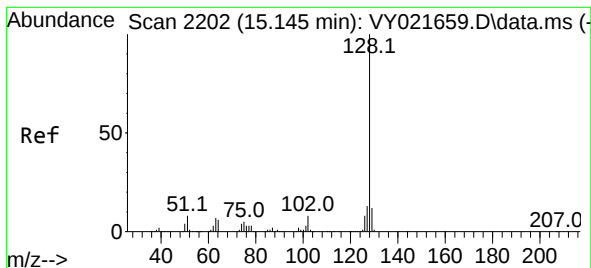
Tgt Ion:180 Resp: 57035
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.5 142.6
 145 30.2 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 20.252 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY021733.D
 Acq: 01 Apr 2025 11:30

Tgt Ion:225 Resp: 37553
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.9 95.7
 227 62.8 32.4 97.0





#95

Naphthalene

Concen: 18.388 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

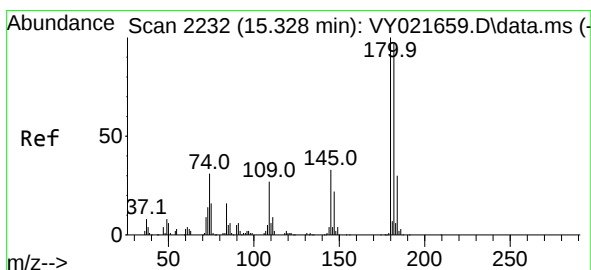
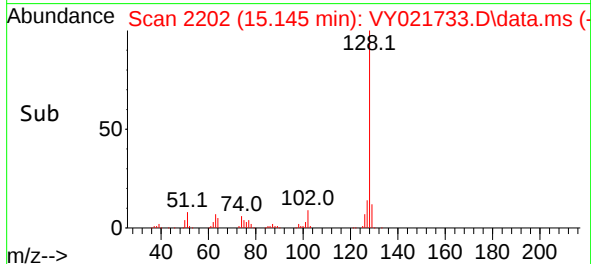
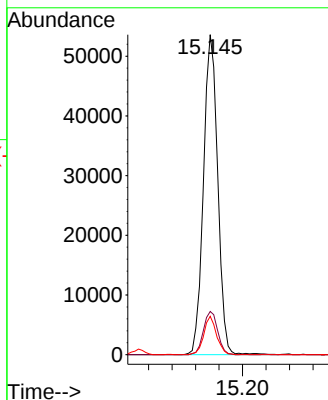
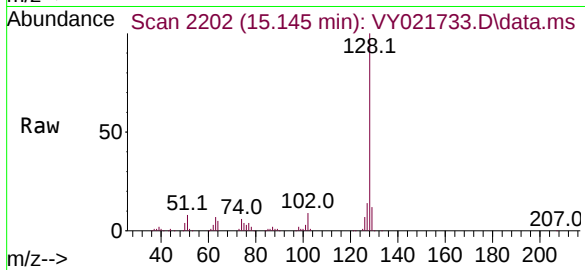
Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

Tgt Ion:128	Resp:	90494
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.8 16.2
129	10.8	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.008 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021733.D

Acq: 01 Apr 2025 11:30

Tgt Ion:180	Resp:	48126
Ion Ratio	Lower	Upper
180	100	
182	95.1	47.5 142.5
145	34.0	15.9 47.7

