

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021853.D
 Acq On : 11 Apr 2025 12:28
 Operator : SY/MD
 Sample : VY0411SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBSD01

Quant Time: Apr 12 02:47:01 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	261813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	409914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	362626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	188335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143603	50.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.240%	
35) Dibromofluoromethane	7.634	113	143350	53.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.103	98	537312	53.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.408	95	186390	54.474	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	49656	18.299	ug/l	99
3) Chloromethane	2.068	50	62767	16.449	ug/l	97
4) Vinyl Chloride	2.202	62	73201	16.963	ug/l	97
5) Bromomethane	2.592	94	51528	17.508	ug/l	100
6) Chloroethane	2.733	64	48298	17.104	ug/l	99
7) Trichlorofluoromethane	3.056	101	104991	18.993	ug/l	98
8) Diethyl Ether	3.458	74	29054	19.327	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	56846	19.498	ug/l	96
10) Methyl Iodide	4.001	142	67929	21.238	ug/l	99
11) Tert butyl alcohol	4.866	59	16952	92.006	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	54499	19.846	ug/l	94
13) Acrolein	3.647	56	15884	47.214	ug/l	99
14) Allyl chloride	4.379	41	82696	18.887	ug/l	98
15) Acrylonitrile	5.061	53	59158	94.249	ug/l	99
16) Acetone	3.873	43	49207	84.759	ug/l	95
17) Carbon Disulfide	4.104	76	162030	17.914	ug/l	97
18) Methyl Acetate	4.379	43	31345	21.785	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	133728	19.559	ug/l	97
20) Methylene Chloride	4.610	84	64347	20.358	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	58865	19.468	ug/l	97
22) Diisopropyl ether	6.019	45	182652	19.886	ug/l	98
23) Vinyl Acetate	5.958	43	498605	92.794	ug/l	98
24) 1,1-Dichloroethane	5.915	63	109510	19.939	ug/l	98
25) 2-Butanone	6.890	43	75132	90.607	ug/l	98
26) 2,2-Dichloropropane	6.884	77	97186	19.893	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	68636	20.185	ug/l	96
28) Bromochloromethane	7.238	49	41634	17.975	ug/l	92
29) Tetrahydrofuran	7.262	42	49127	92.055	ug/l	98
30) Chloroform	7.421	83	114067	19.968	ug/l	98
31) Cyclohexane	7.701	56	91074	18.191	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	103851	20.115	ug/l	98
36) 1,1-Dichloropropene	7.835	75	78621	19.412	ug/l	98
37) Ethyl Acetate	6.982	43	35272	18.453	ug/l	98
38) Carbon Tetrachloride	7.817	117	93678	20.194	ug/l	97
39) Methylcyclohexane	9.110	83	92467	19.111	ug/l	98
40) Benzene	8.079	78	246182	20.297	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	21263	20.947	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	66951	19.580	ug/l	100
43) Isopropyl Acetate	8.195	43	67897	18.744	ug/l	98
44) Trichloroethene	8.866	130	64547	20.886	ug/l	100
45) 1,2-Dichloropropane	9.140	63	57185	19.918	ug/l	94
46) Dibromomethane	9.231	93	33009	19.949	ug/l	99
47) Bromodichloromethane	9.420	83	85927	20.041	ug/l	99
48) Methyl methacrylate	9.219	41	32878	19.776	ug/l	98
49) 1,4-Dioxane	9.225	88	7355	414.937	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	178028	94.443	ug/l	98
52) Toluene	10.170	92	155125	20.499	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	75693	19.876	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	87863	19.557	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	43853	20.595	ug/l	98
56) Ethyl methacrylate	10.439	69	54410	20.012	ug/l	96
57) 1,3-Dichloropropane	10.719	76	73973	20.115	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	136529	102.933	ug/l	98
59) 2-Hexanone	10.762	43	117310	93.444	ug/l	99
60) Dibromochloromethane	10.908	129	59548	20.483	ug/l	99
61) 1,2-Dibromoethane	11.012	107	39785	19.918	ug/l	95
64) Tetrachloroethene	10.646	164	73897	22.375	ug/l	97
65) Chlorobenzene	11.444	112	169509	20.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	61208	20.753	ug/l	99
67) Ethyl Benzene	11.518	91	285855	20.054	ug/l	99
68) m/p-Xylenes	11.627	106	222848	40.827	ug/l	99
69) o-Xylene	11.957	106	103070	20.457	ug/l	100
70) Styrene	11.969	104	172929	20.585	ug/l	98
71) Bromoform	12.133	173	34263	20.366	ug/l #	100
73) Isopropylbenzene	12.255	105	276145	19.741	ug/l	100
74) N-amyl acetate	12.072	43	57979	17.661	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	45218	17.980	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	63748	34.147	ug/l #	100
77) Bromobenzene	12.530	156	66160	19.699	ug/l	97
78) n-propylbenzene	12.597	91	331933	19.738	ug/l	99
79) 2-Chlorotoluene	12.682	91	194696	19.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	227007	19.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14585	18.001	ug/l	97
82) 4-Chlorotoluene	12.780	91	200035	19.643	ug/l	98
83) tert-Butylbenzene	12.999	119	201861	19.823	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	228682	20.238	ug/l	100
85) sec-Butylbenzene	13.176	105	294858	19.814	ug/l	98
86) p-Isopropyltoluene	13.292	119	249819	20.311	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	134109	20.267	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	131817	20.163	ug/l	98
89) n-Butylbenzene	13.615	91	224734	19.757	ug/l	99
90) Hexachloroethane	13.883	117	52557	19.500	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	115715	20.089	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7745	19.869	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	68380	21.890	ug/l	99
94) Hexachlorobutadiene	15.023	225	43077	22.081	ug/l	99
95) Naphthalene	15.145	128	111977	21.627	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	59827	22.460	ug/l	99

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ClientSampleId :
VY0411SBSD01

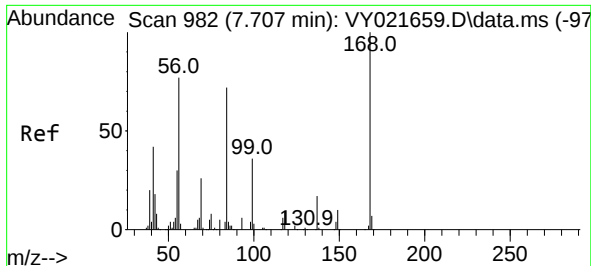
Quant Time: Apr 12 02:47:01 2025
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QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

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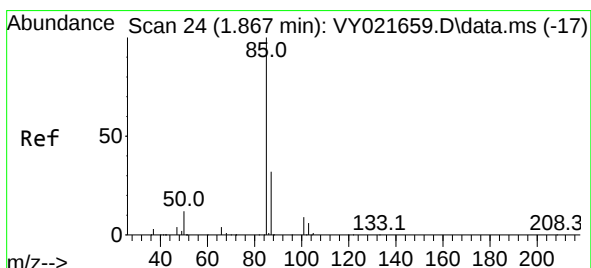
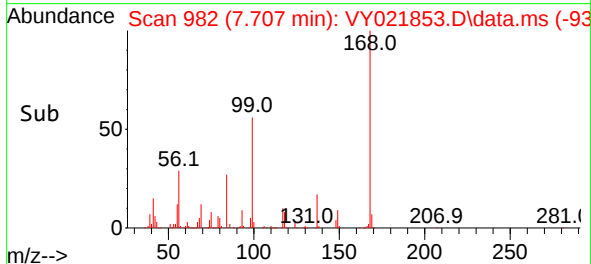
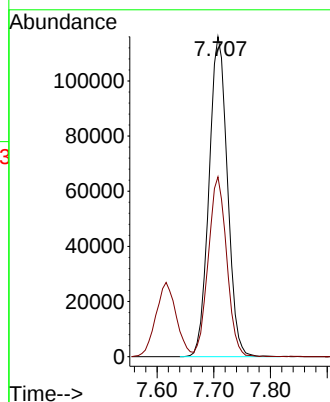
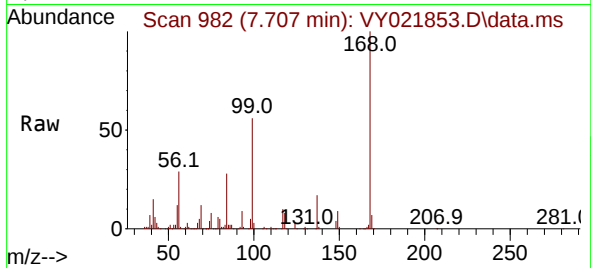




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021853.D
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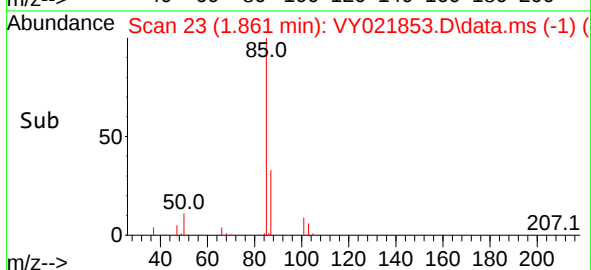
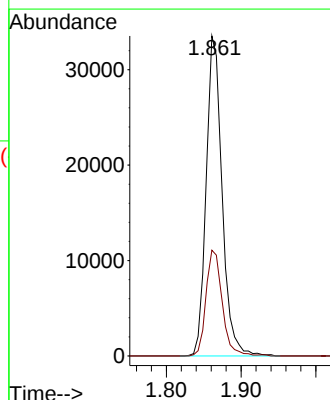
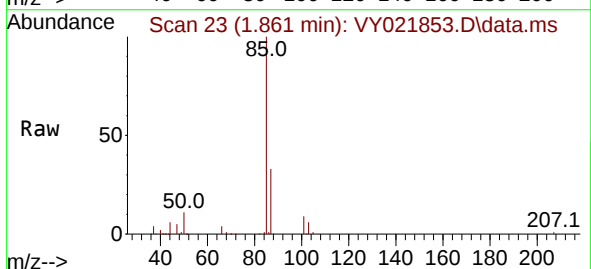
Instrument :
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ClientSampleId :
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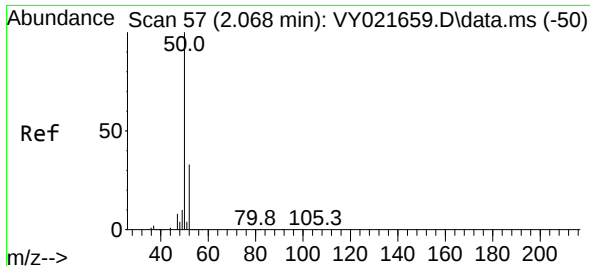
Tgt Ion:168 Resp: 261813
Ion Ratio Lower Upper
168 100
99 56.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 18.299 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 85 Resp: 49656
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6

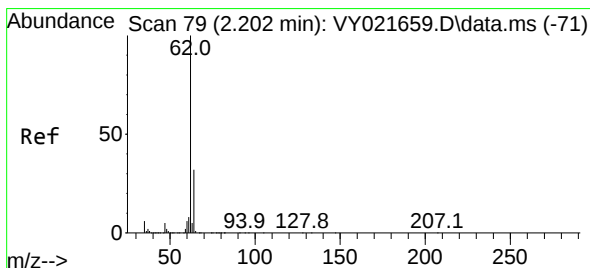
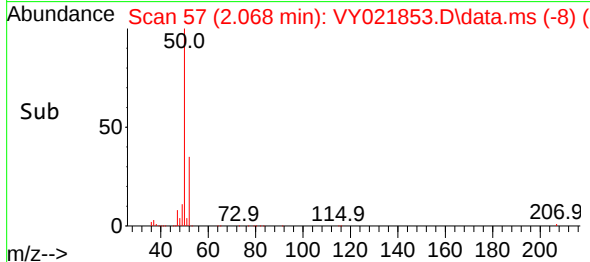
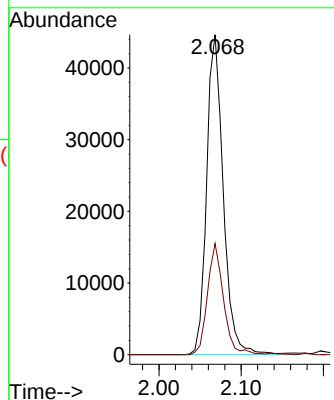
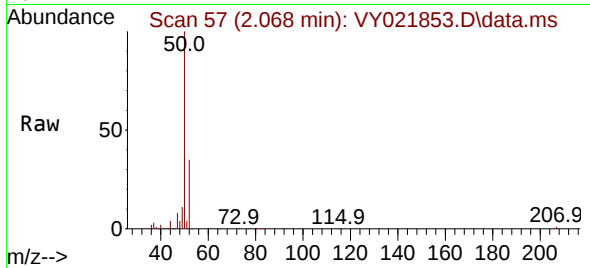




#3
Chloromethane
Concen: 16.449 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

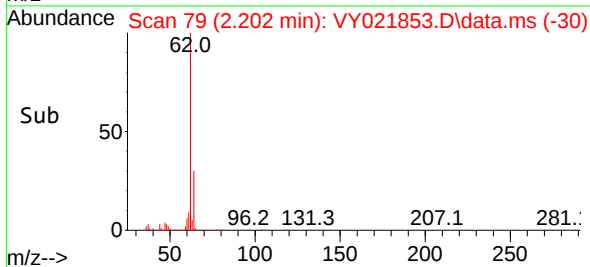
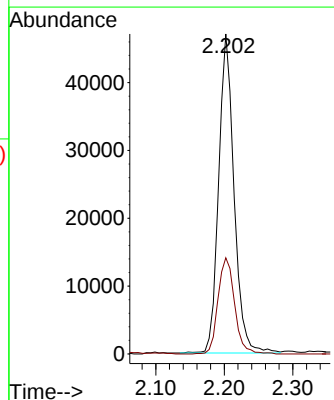
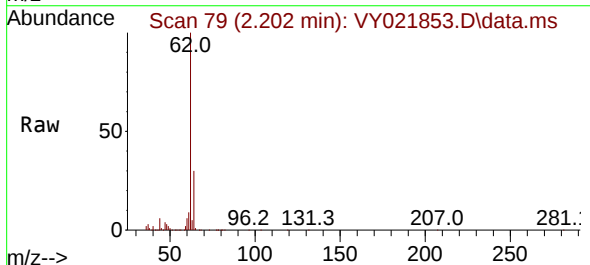
Instrument :
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ClientSampleId :
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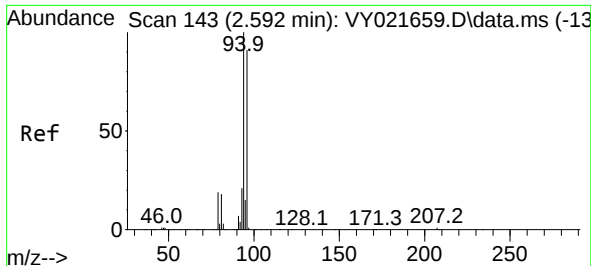
Tgt Ion: 50 Resp: 62767
Ion Ratio Lower Upper
50 100
52 34.8 26.3 39.5



#4
Vinyl Chloride
Concen: 16.963 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 62 Resp: 73201
Ion Ratio Lower Upper
62 100
64 30.2 25.5 38.3

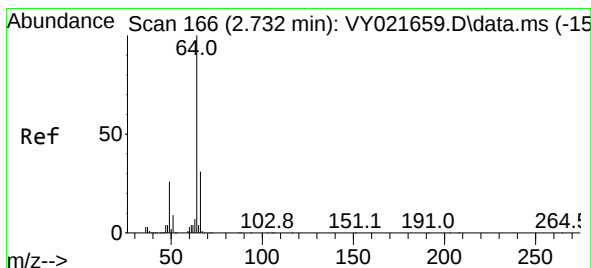
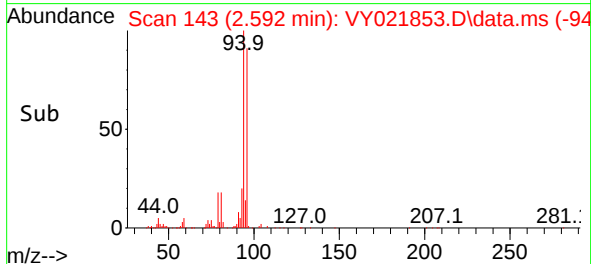
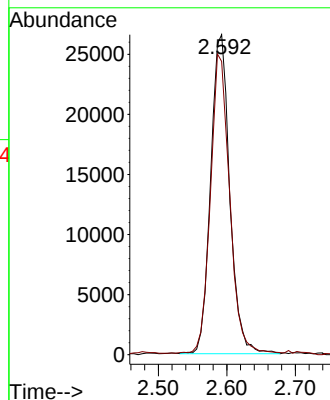
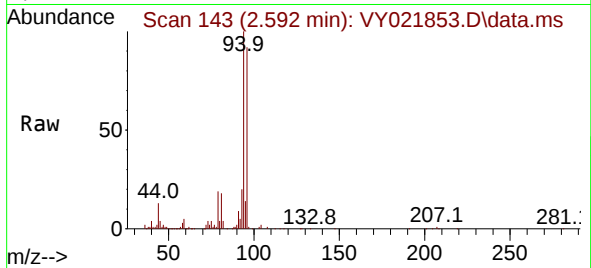




#5
Bromomethane
Concen: 17.508 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

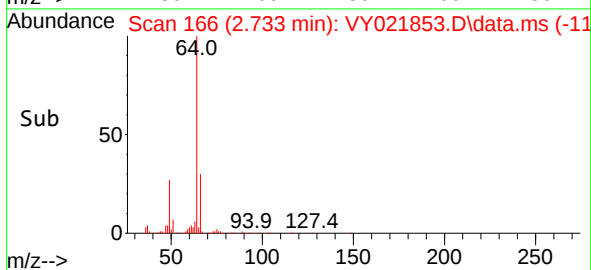
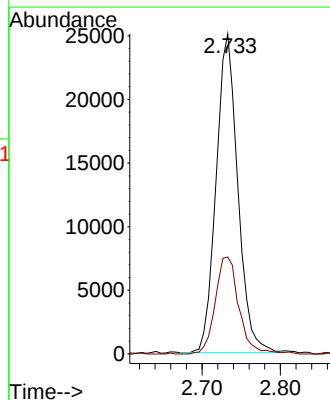
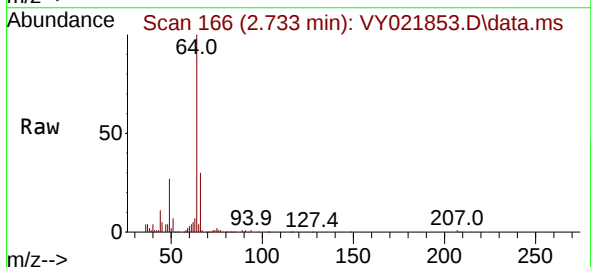
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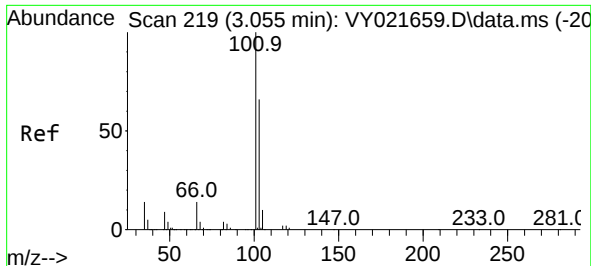
Tgt Ion: 94 Resp: 51528
Ion Ratio Lower Upper
94 100
96 91.3 72.8 109.2



#6
Chloroethane
Concen: 17.104 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 64 Resp: 48298
Ion Ratio Lower Upper
64 100
66 30.4 24.9 37.3

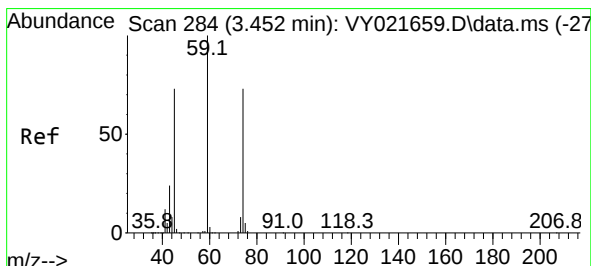
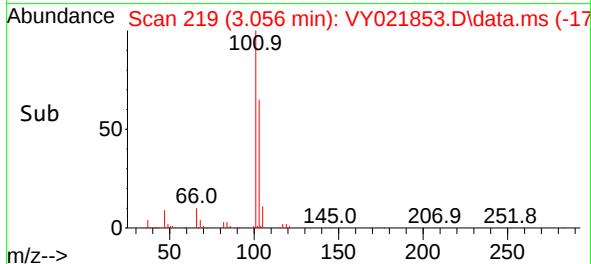
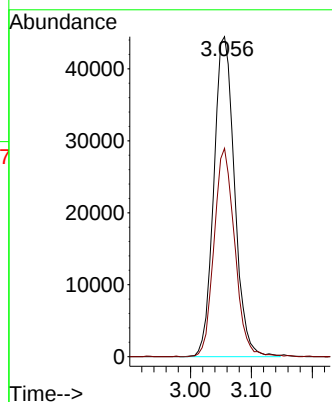
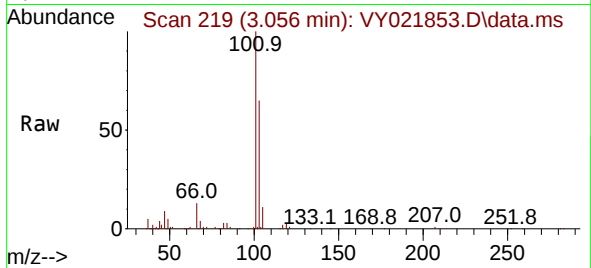




#7
 Trichlorofluoromethane
 Concen: 18.993 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

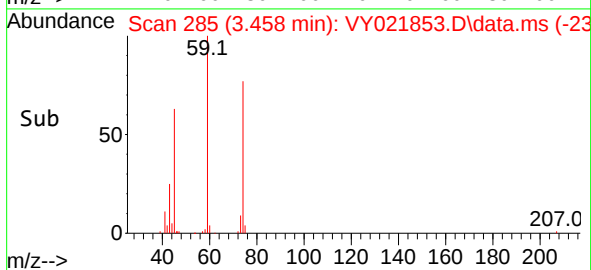
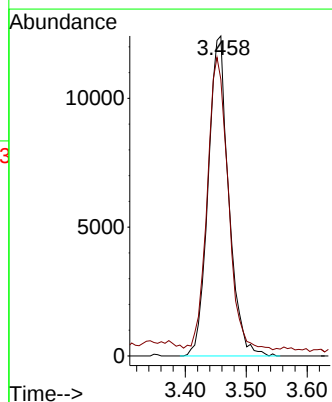
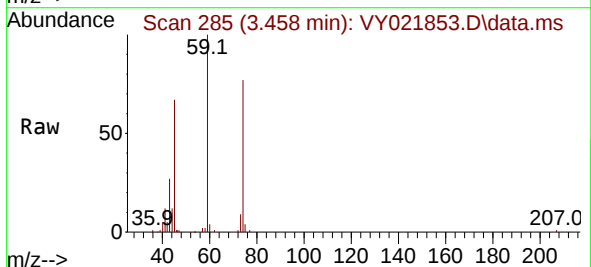
Instrument :
 MSVOA_Y
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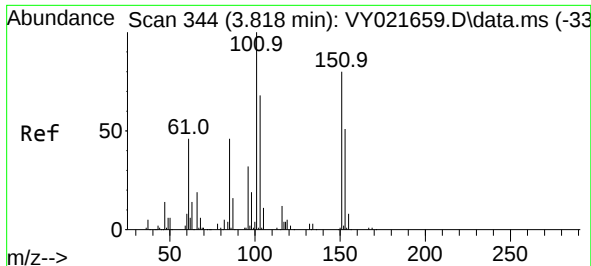
Tgt Ion:101 Resp: 104991
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.327 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

Tgt Ion: 74 Resp: 29054
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.6 145.8

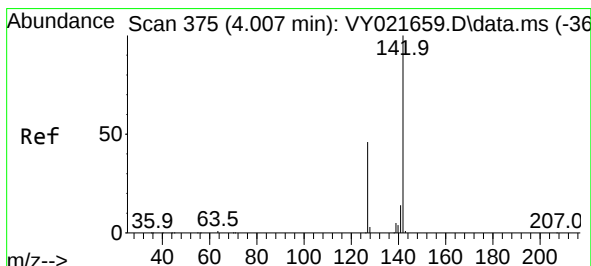
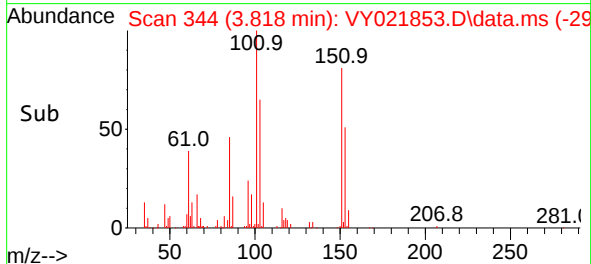
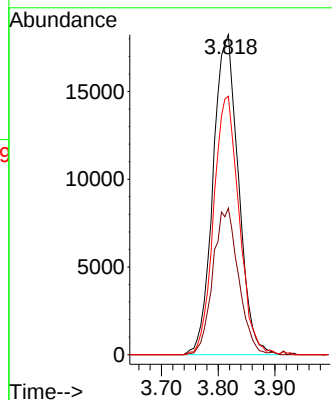
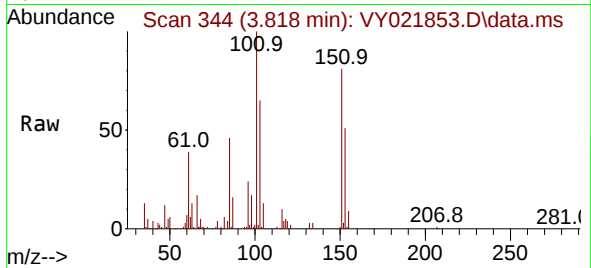




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.498 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

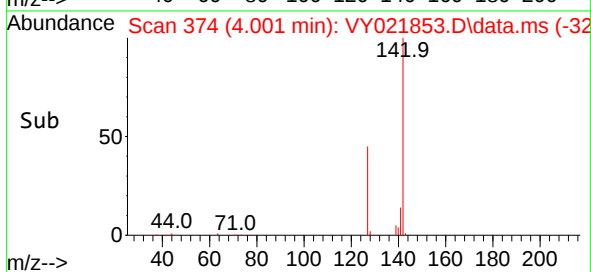
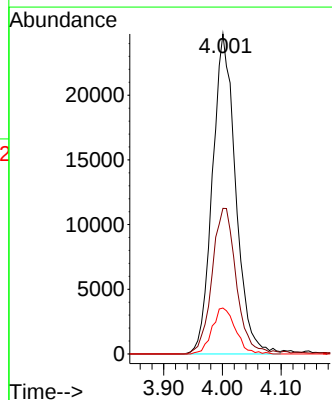
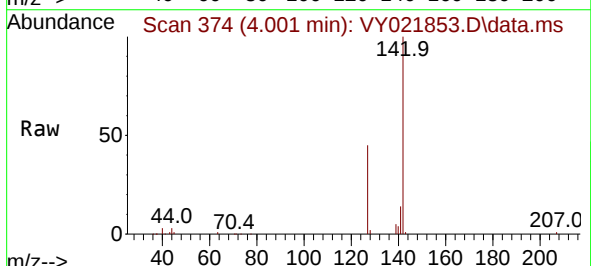
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

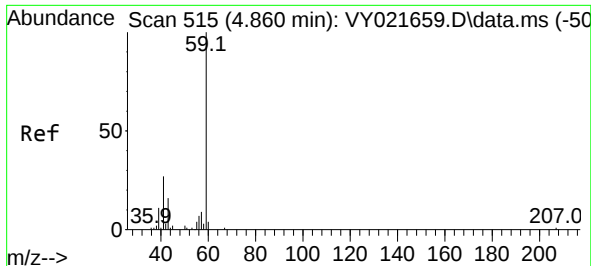
Tgt Ion:101 Resp: 56846
Ion Ratio Lower Upper
101 100
85 46.2 36.3 54.5
151 80.9 61.3 91.9



#10
Methyl Iodide
Concen: 21.238 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion:142 Resp: 67929
Ion Ratio Lower Upper
142 100
127 47.6 38.7 58.1
141 14.5 11.5 17.3

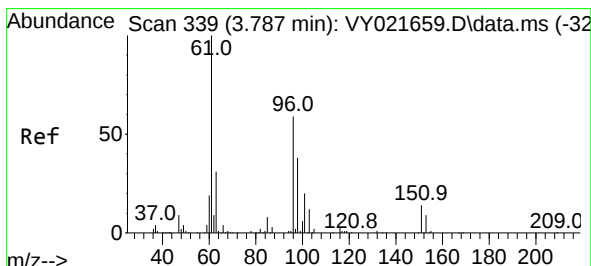
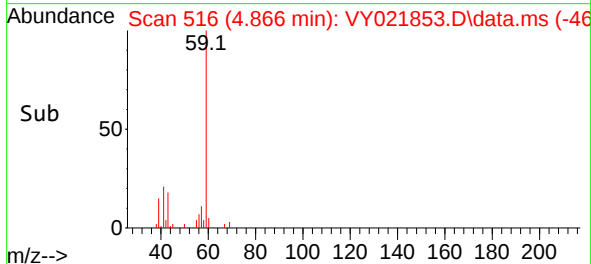
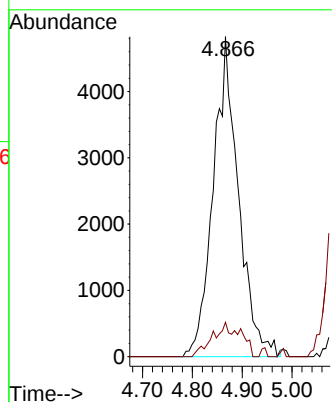
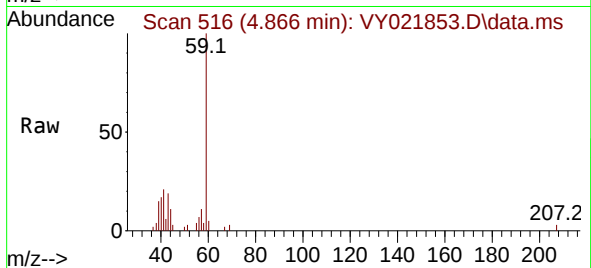




#11
Tert butyl alcohol
Concen: 92.006 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

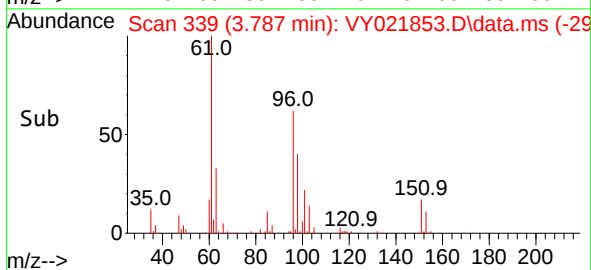
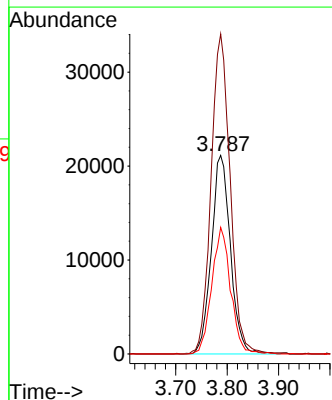
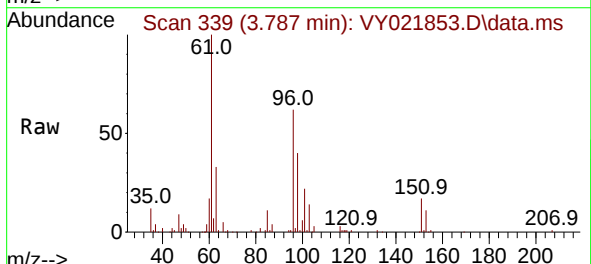
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

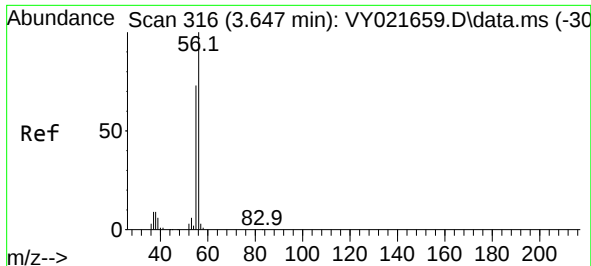
Tgt Ion: 59 Resp: 16952
Ion Ratio Lower Upper
59 100
57 7.6 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 19.846 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 96 Resp: 54499
Ion Ratio Lower Upper
96 100
61 161.2 136.6 204.8
98 63.8 52.3 78.5





#13

Acrolein

Concen: 47.214 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

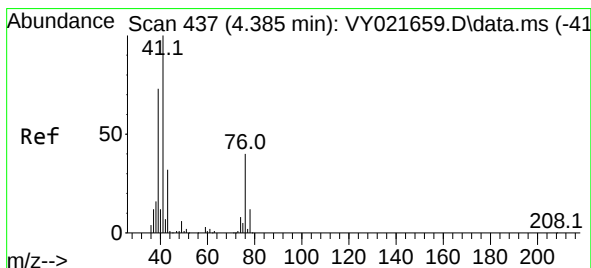
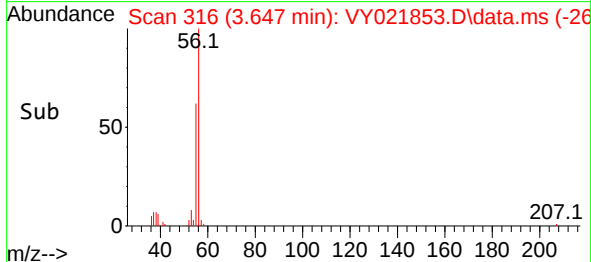
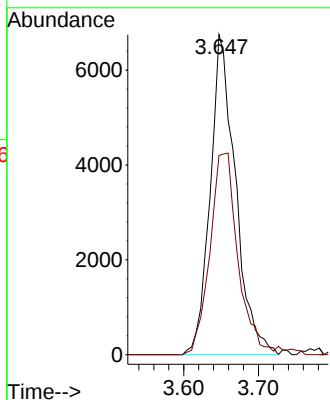
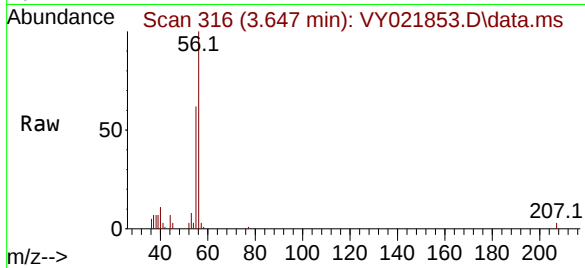
VY0411SBSD01

Tgt Ion: 56 Resp: 15884

Ion Ratio Lower Upper

56 100

55 69.7 56.6 85.0



#14

Allyl chloride

Concen: 18.887 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

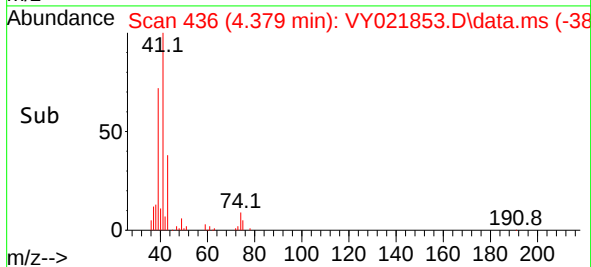
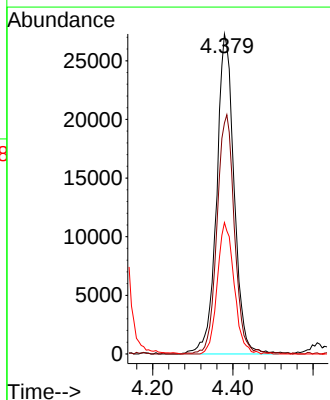
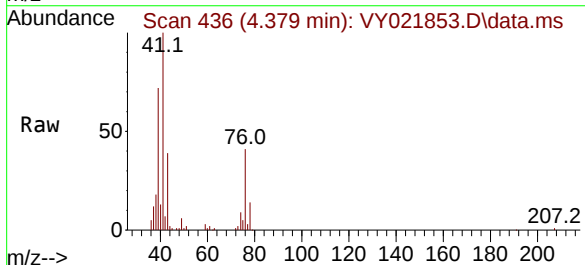
Tgt Ion: 41 Resp: 82696

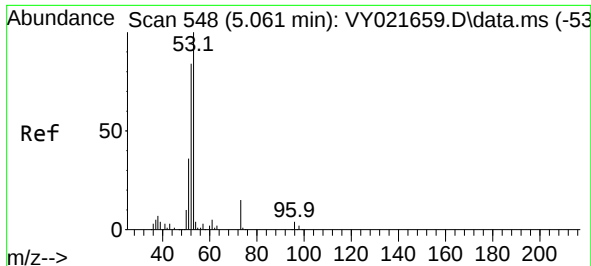
Ion Ratio Lower Upper

41 100

39 74.6 58.6 88.0

76 39.4 30.3 45.5

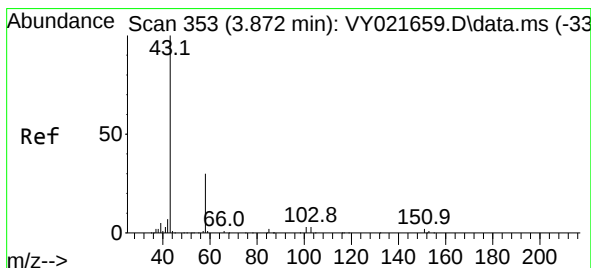
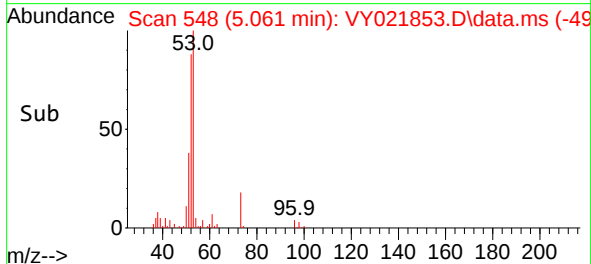
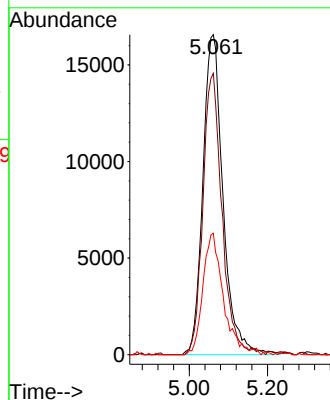
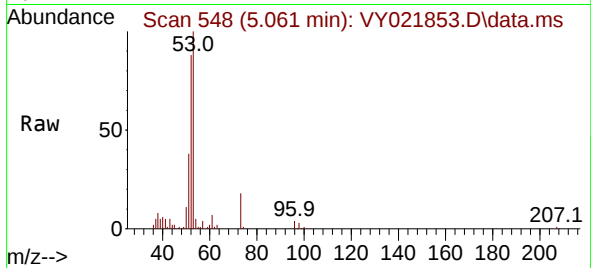




#15
Acrylonitrile
Concen: 94.249 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

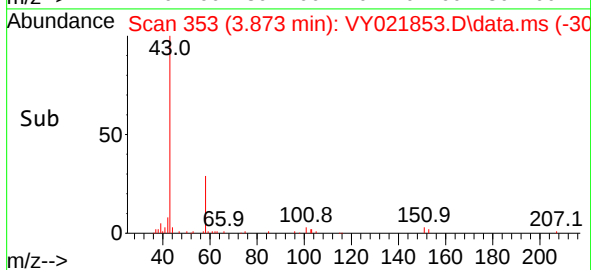
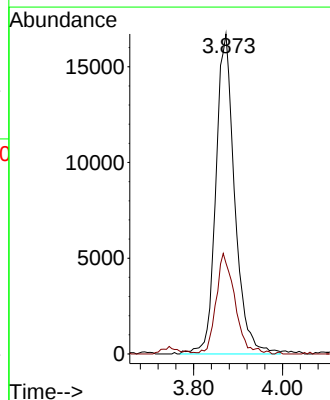
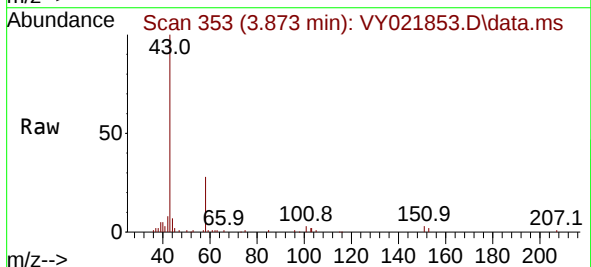
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

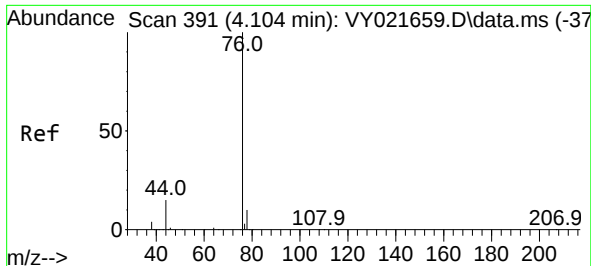
Tgt Ion: 53 Resp: 59158
Ion Ratio Lower Upper
53 100
52 82.6 64.9 97.3
51 38.1 30.2 45.2



#16
Acetone
Concen: 84.759 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 43 Resp: 49207
Ion Ratio Lower Upper
43 100
58 27.8 24.2 36.4

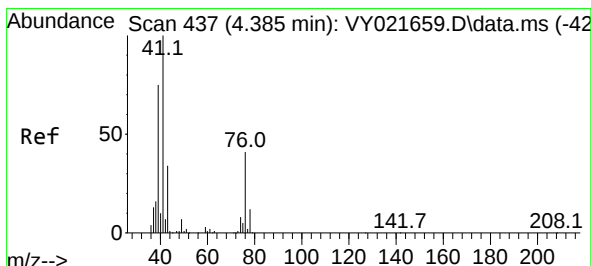
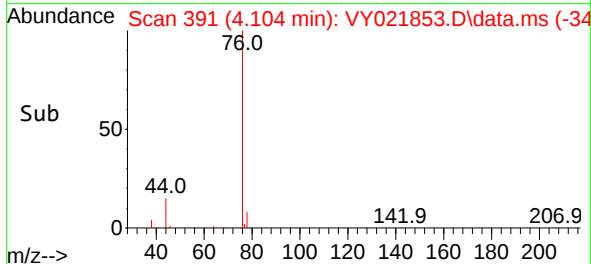
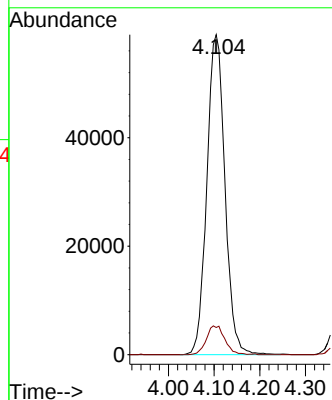
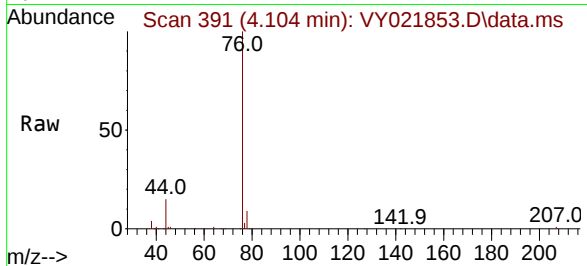




#17
Carbon Disulfide
Concen: 17.914 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

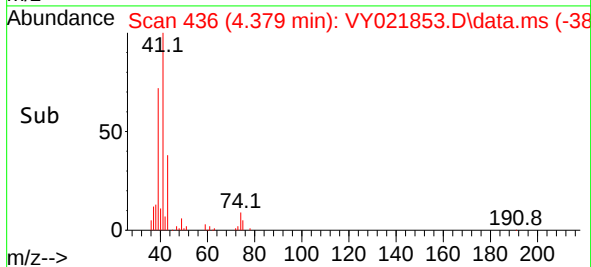
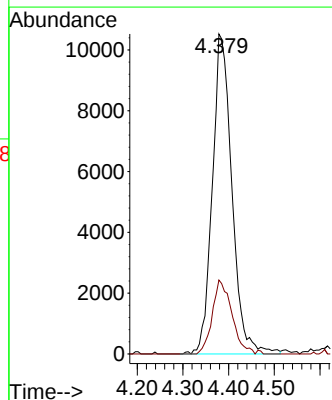
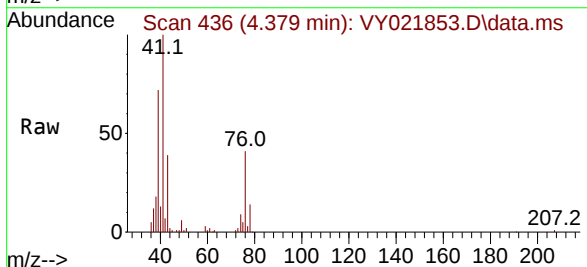
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

Tgt Ion: 76 Resp: 162030
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 21.785 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 43 Resp: 31345
Ion Ratio Lower Upper
43 100
74 23.0 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.559 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

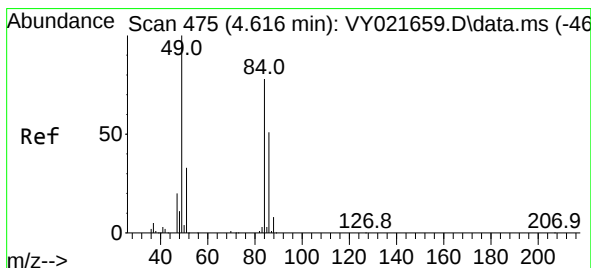
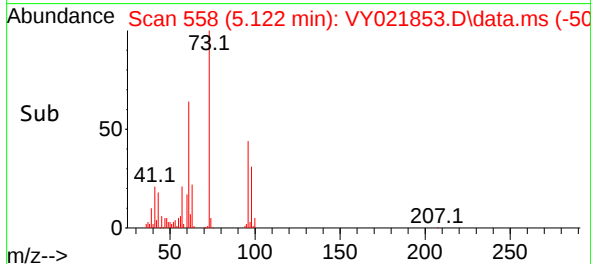
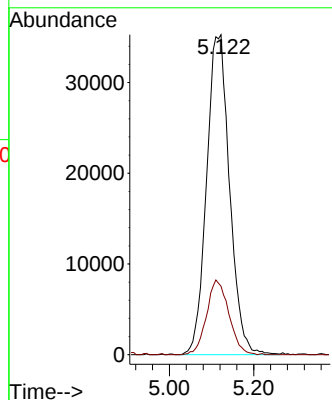
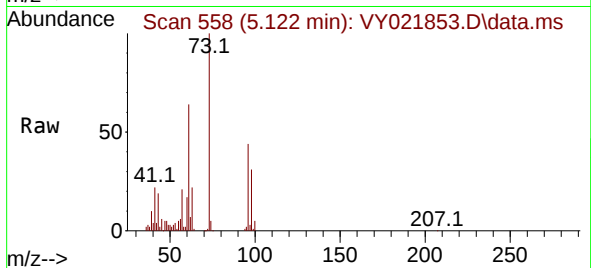
VY0411SBSD01

Tgt Ion: 73 Resp: 133728

Ion Ratio Lower Upper

73 100

57 21.4 18.1 27.1



#20

Methylene Chloride

Concen: 20.358 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion: 84 Resp: 64347

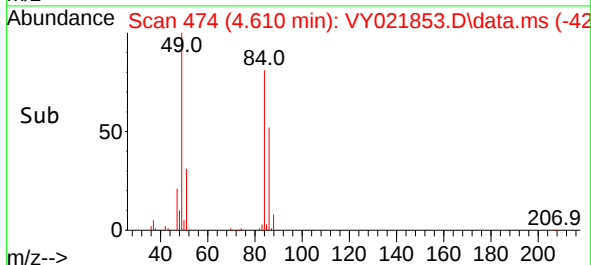
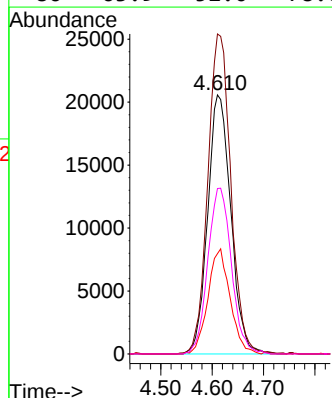
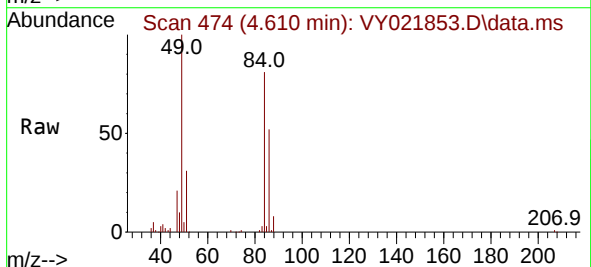
Ion Ratio Lower Upper

84 100

49 123.1 102.8 154.2

51 38.7 33.5 50.3

86 63.9 52.0 78.0

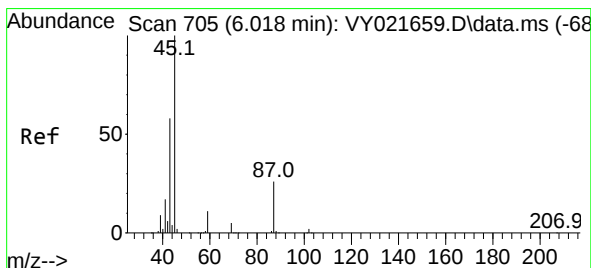
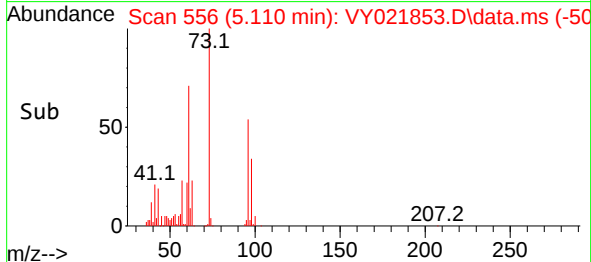
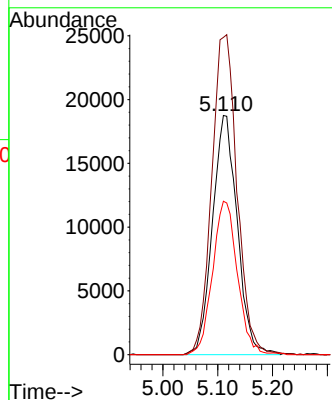
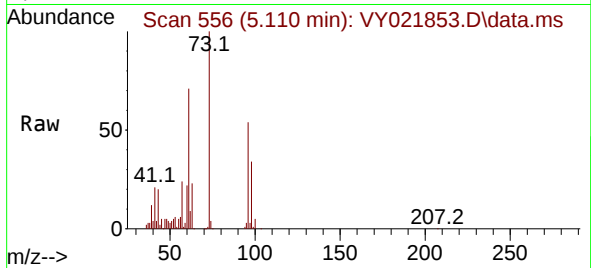




#21
trans-1,2-Dichloroethene
Concen: 19.468 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

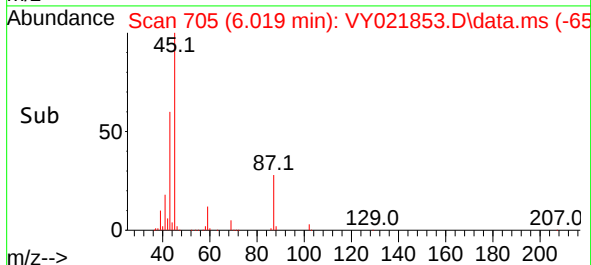
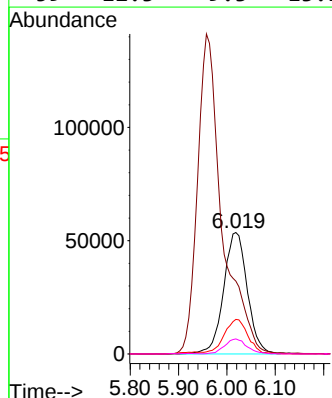
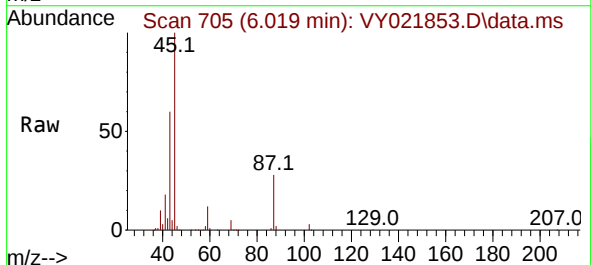
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

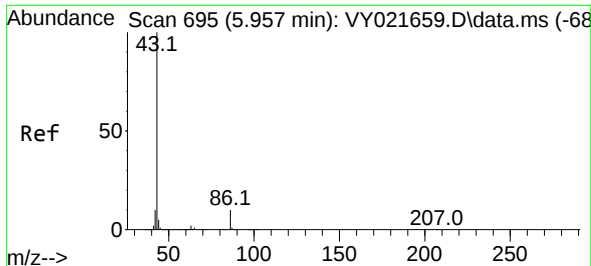
Tgt Ion: 96 Resp: 58865
Ion Ratio Lower Upper
96 100
61 132.6 109.4 164.0
98 64.1 50.2 75.2



#22
Diisopropyl ether
Concen: 19.886 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 45 Resp: 182652
Ion Ratio Lower Upper
45 100
43 58.8 46.6 69.8
87 28.2 20.7 31.1
59 12.3 9.3 13.9

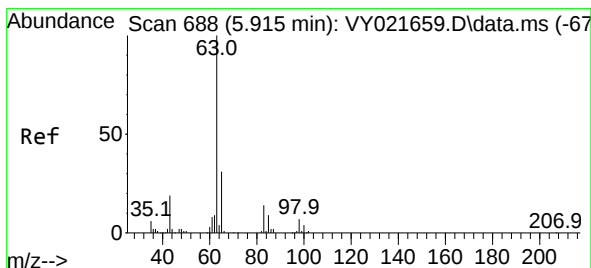
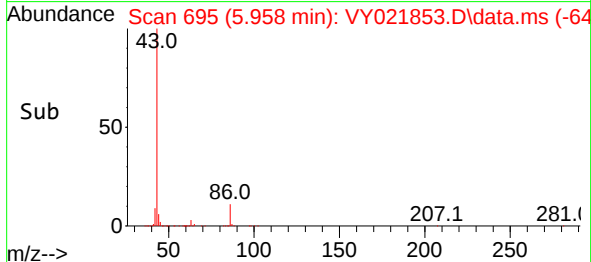
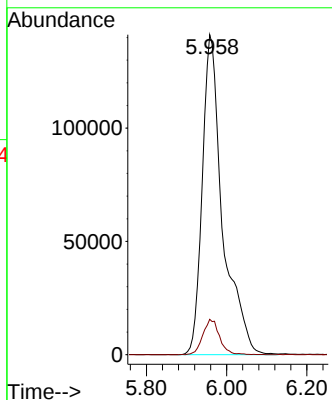
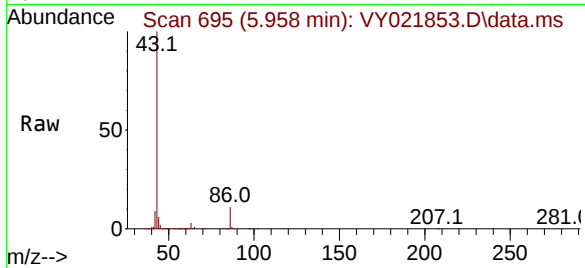




#23
 Vinyl Acetate
 Concen: 92.794 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

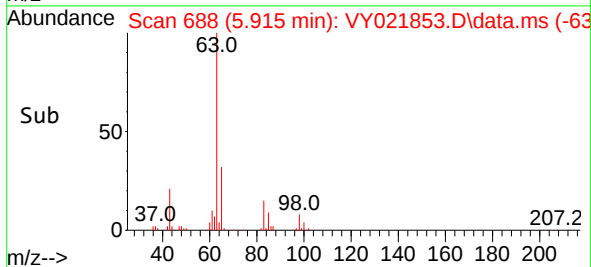
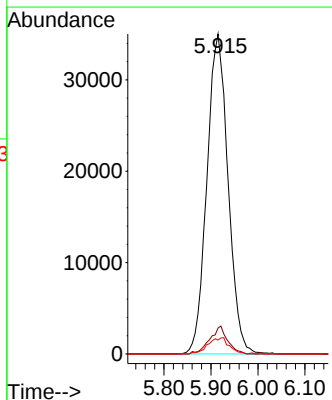
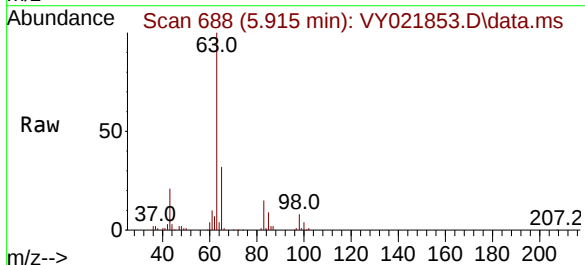
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBSD01

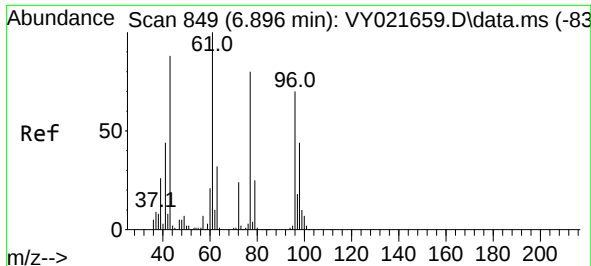
Tgt Ion: 43 Resp: 498605
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.939 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

Tgt Ion: 63 Resp: 109510
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.5
 100 4.3 2.2 6.6

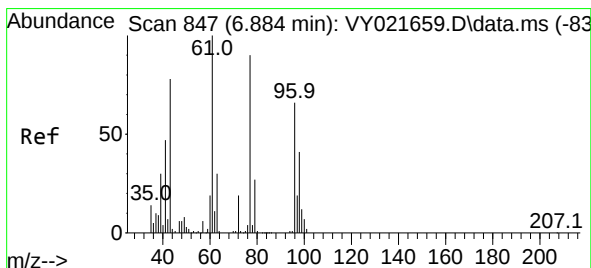
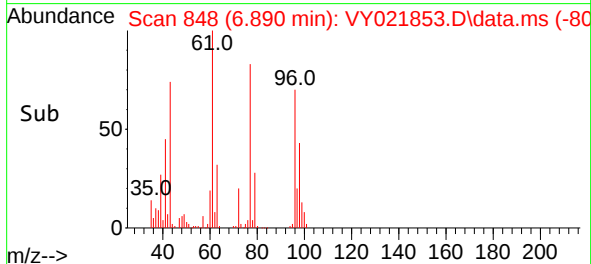
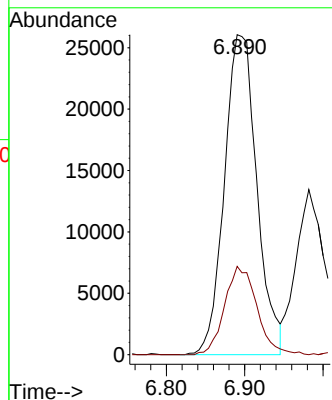
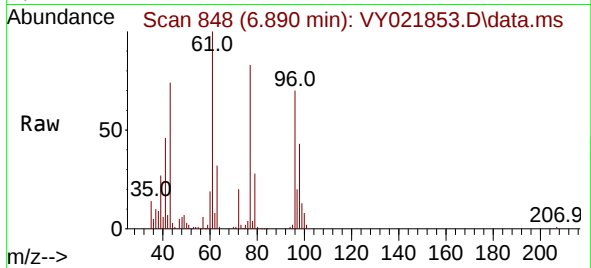




#25
2-Butanone
Concen: 90.607 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

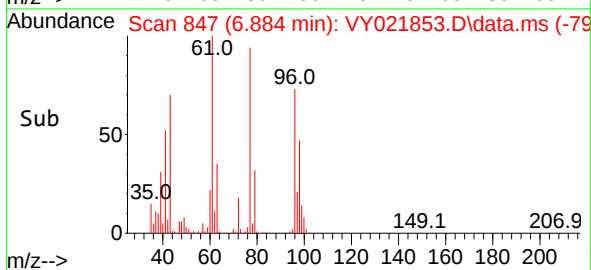
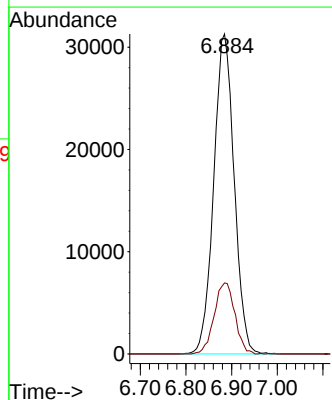
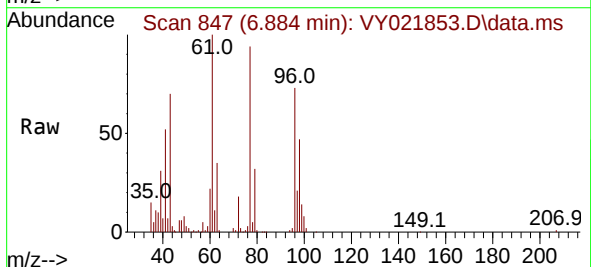
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

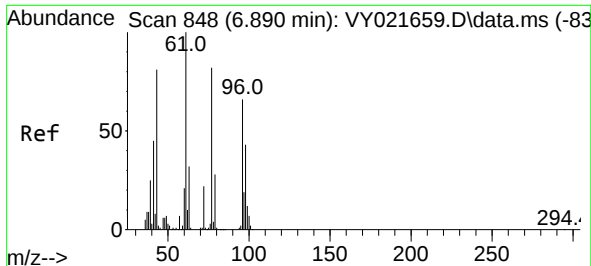
Tgt Ion: 43 Resp: 75132
Ion Ratio Lower Upper
43 100
72 27.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.893 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 77 Resp: 97186
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.1

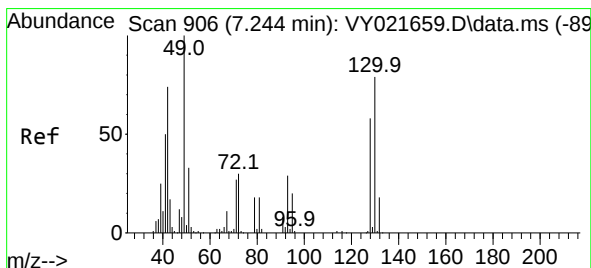
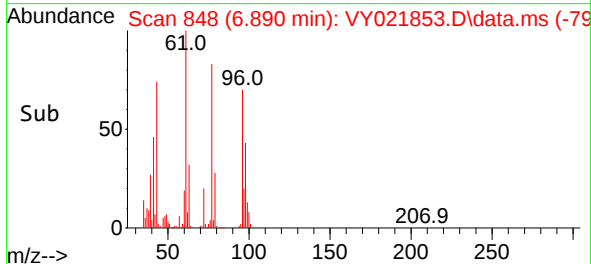
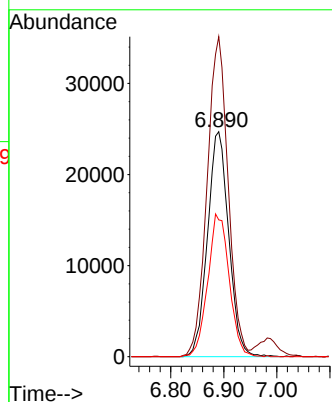
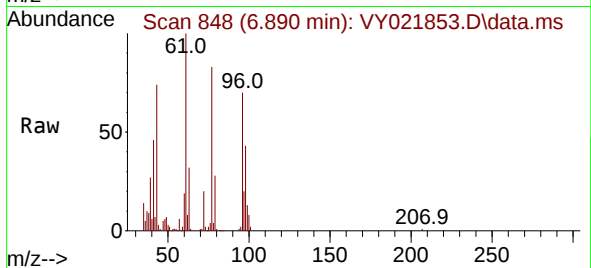




#27
cis-1,2-Dichloroethene
Concen: 20.185 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

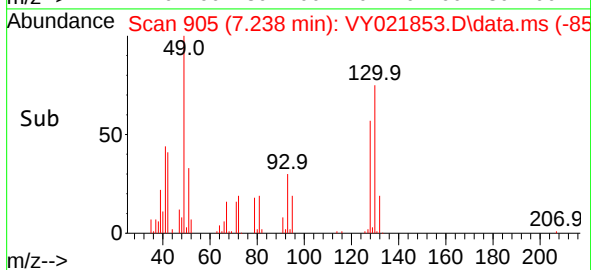
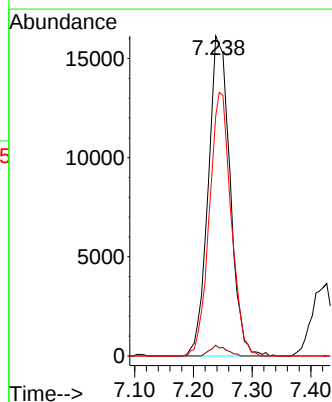
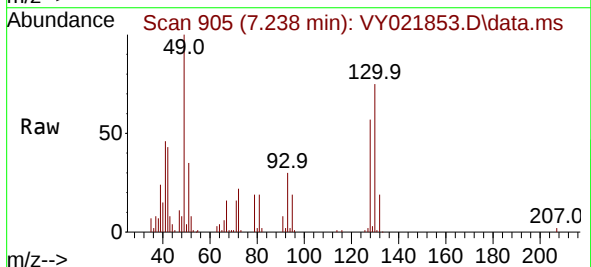
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

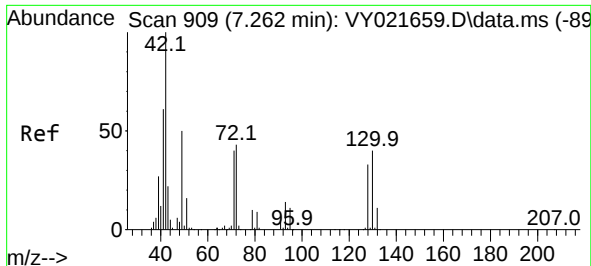
Tgt Ion: 96 Resp: 68636
Ion Ratio Lower Upper
96 100
61 141.0 0.0 296.4
98 64.1 0.0 128.0



#28
Bromochloromethane
Concen: 17.975 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 49 Resp: 41634
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.4
130 82.0 60.1 90.1





#29

Tetrahydrofuran

Concen: 92.055 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

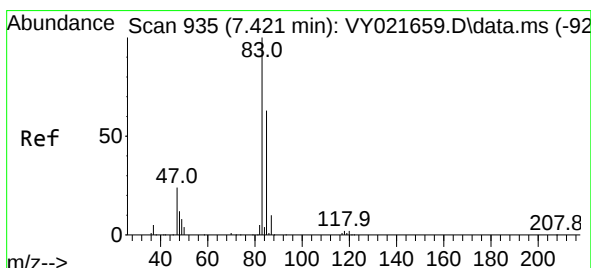
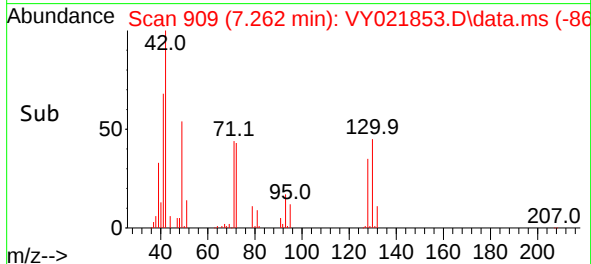
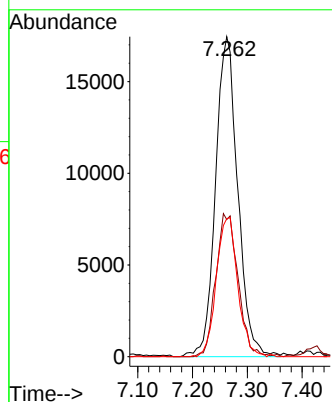
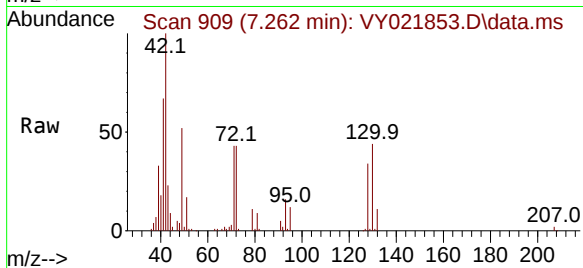
Tgt Ion: 42 Resp: 49127

Ion Ratio Lower Upper

42 100

72 44.6 34.6 52.0

71 42.0 32.5 48.7



#30

Chloroform

Concen: 19.968 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021853.D

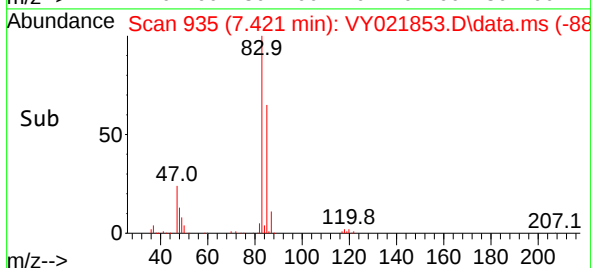
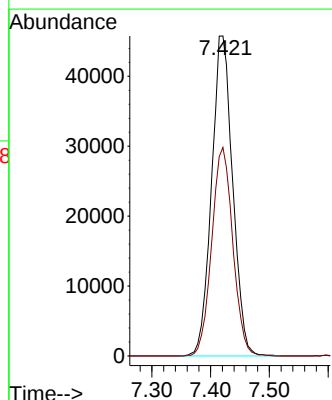
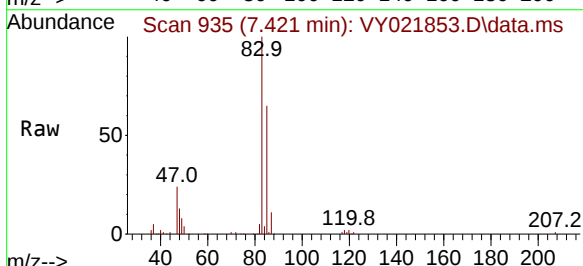
Acq: 11 Apr 2025 12:28

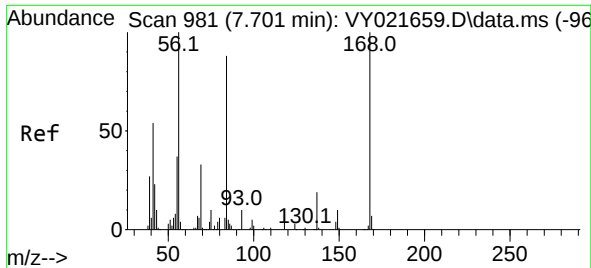
Tgt Ion: 83 Resp: 114067

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

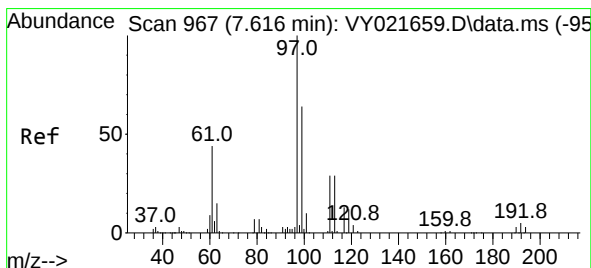
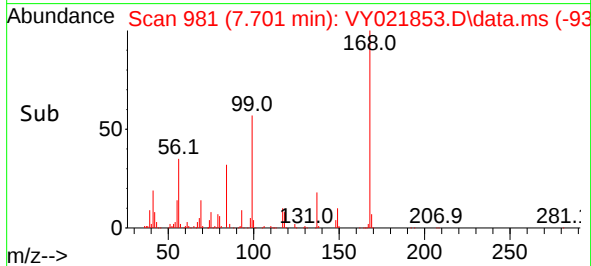
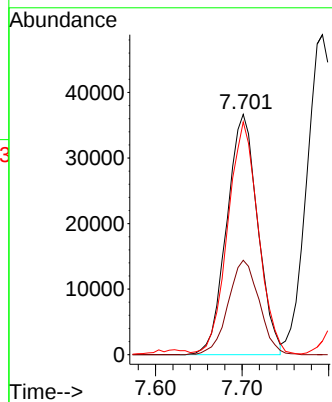
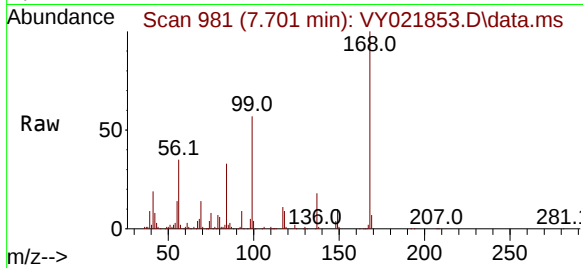




#31
Cyclohexane
Concen: 18.191 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

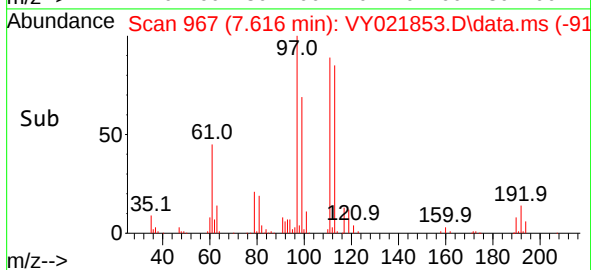
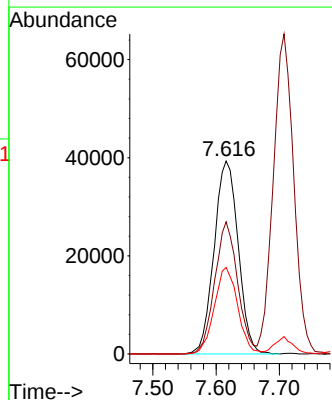
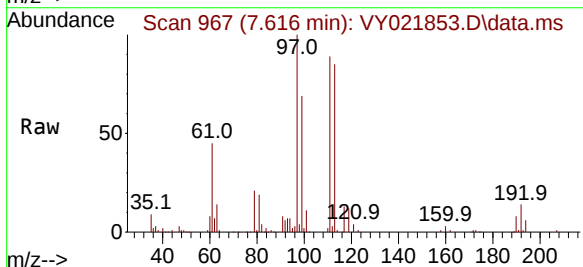
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

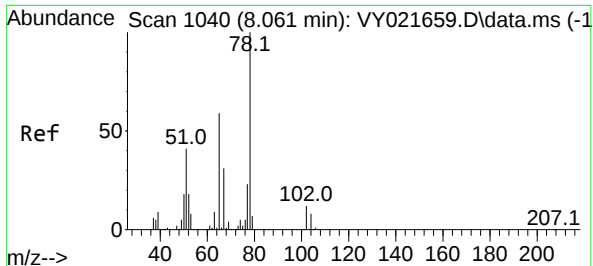
Tgt Ion:	56	Resp:	91074
Ion	Ratio	Lower	Upper
56	100		
69	39.2	26.6	40.0
84	95.2	69.0	103.4



#32
1,1,1-Trichloroethane
Concen: 20.115 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion:	97	Resp:	103851
Ion	Ratio	Lower	Upper
97	100		
99	65.4	50.7	76.1
61	43.7	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 50.624 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

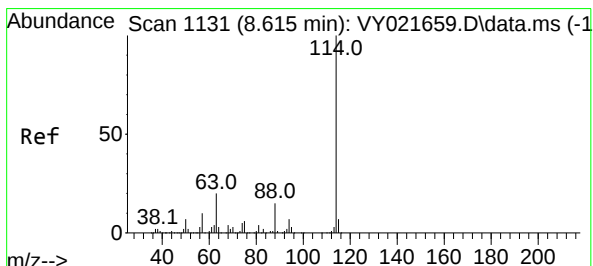
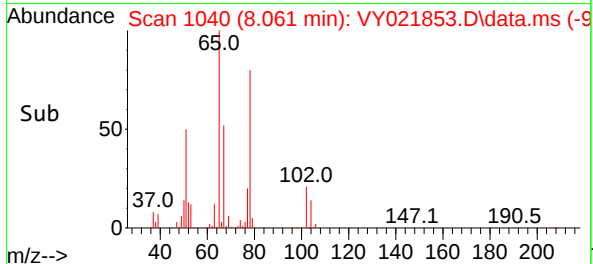
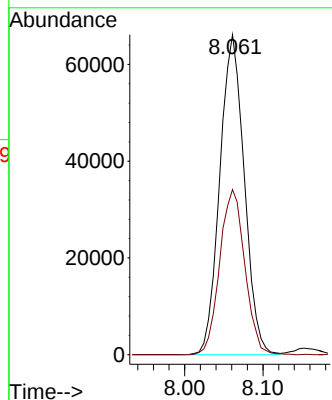
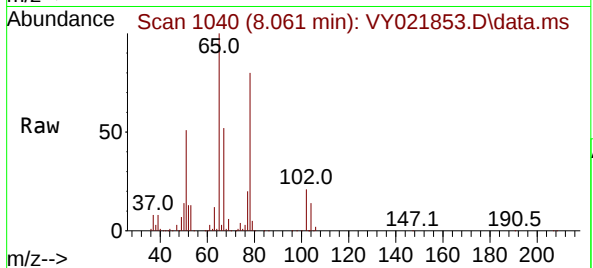
VY0411SBSD01

Tgt Ion: 65 Resp: 143603

Ion Ratio Lower Upper

65 100

67 52.9 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: VY021853.D

Acq: 11 Apr 2025 12:28

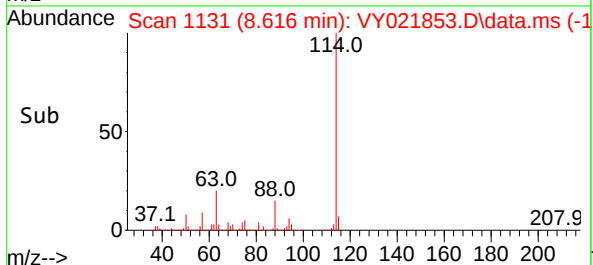
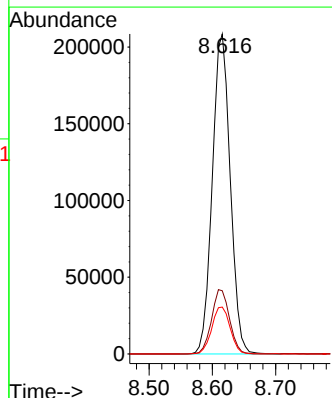
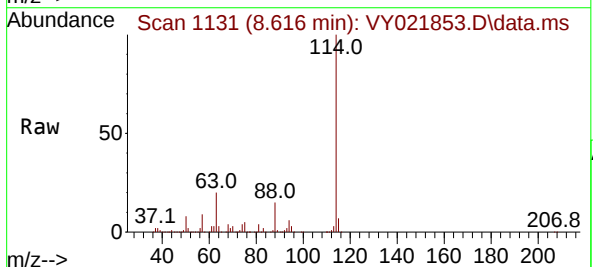
Tgt Ion: 114 Resp: 409914

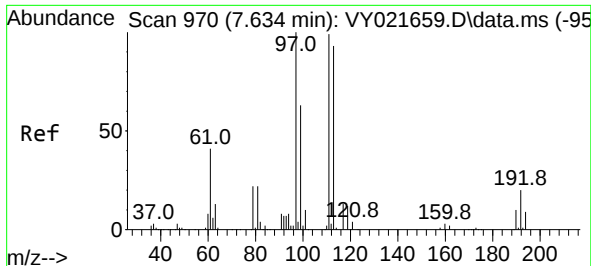
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 14.7 0.0 29.8

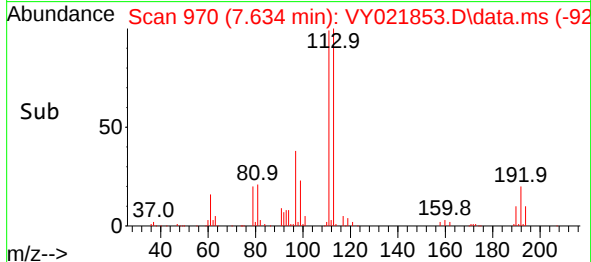
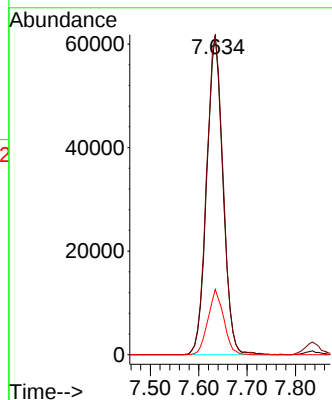
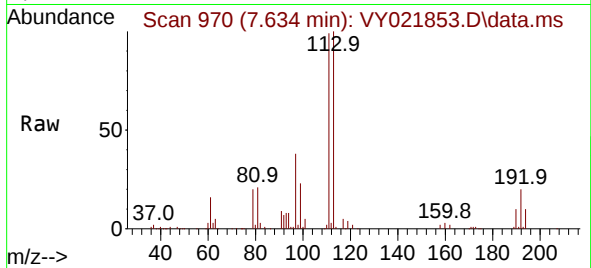




#35
 Dibromofluoromethane
 Concen: 53.910 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

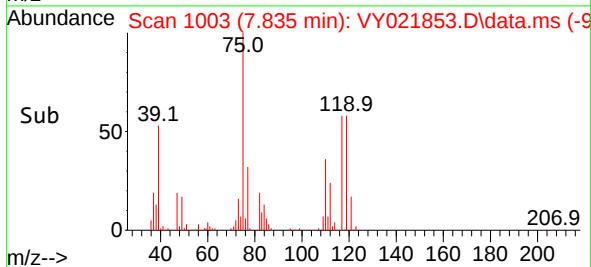
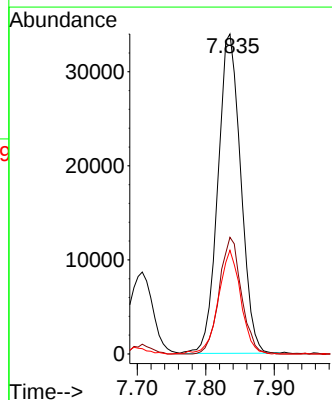
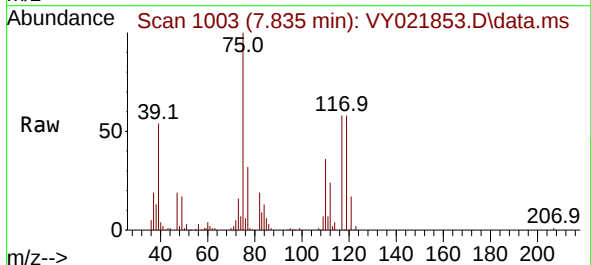
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBSD01

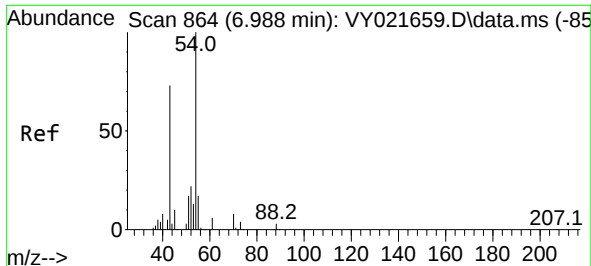
Tgt Ion:113 Resp: 143350
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.6 123.8
 192 19.9 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 19.412 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

Tgt Ion: 75 Resp: 78621
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.0 50.9
 77 31.8 24.8 37.2

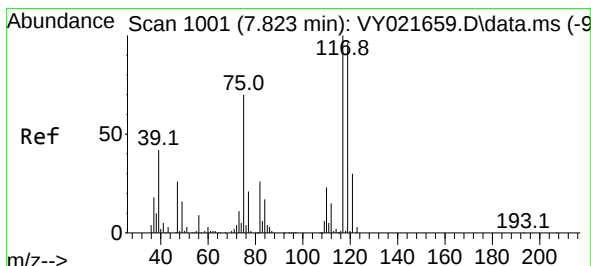
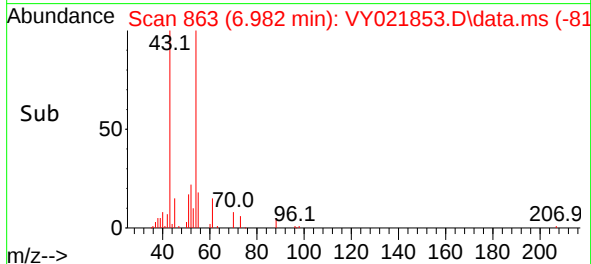
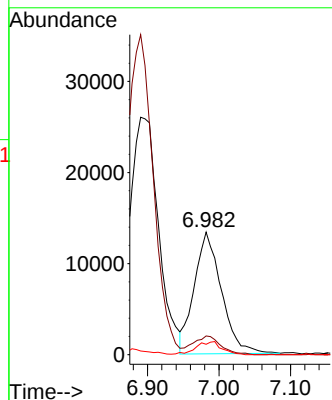
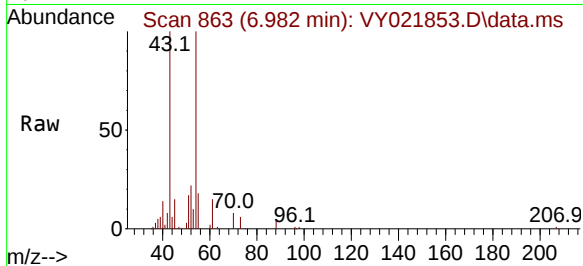




#37
Ethyl Acetate
Concen: 18.453 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

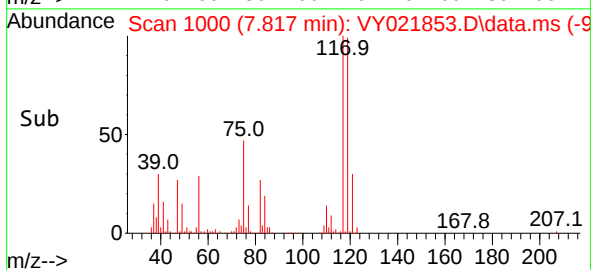
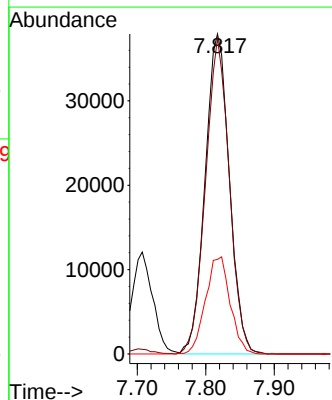
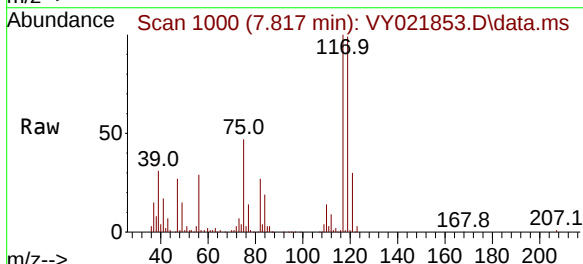
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

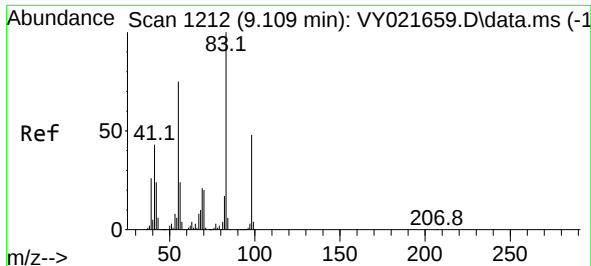
Tgt Ion: 43 Resp: 35272
Ion Ratio Lower Upper
43 100
61 15.2 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.194 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 117 Resp: 93678
Ion Ratio Lower Upper
117 100
119 98.7 76.2 114.4
121 29.6 24.2 36.4





#39

Methylcyclohexane

Concen: 19.111 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

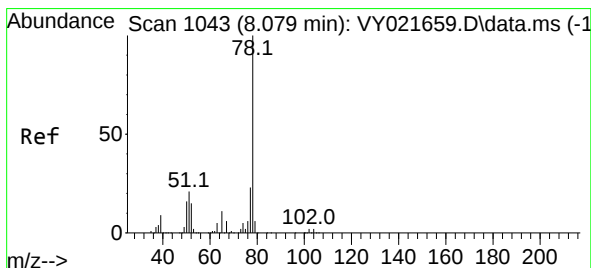
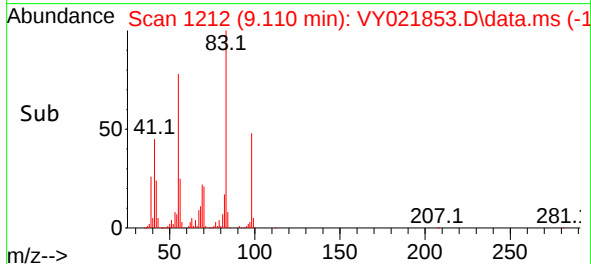
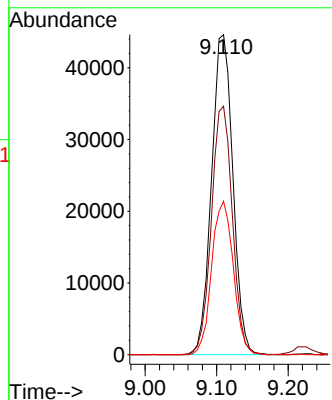
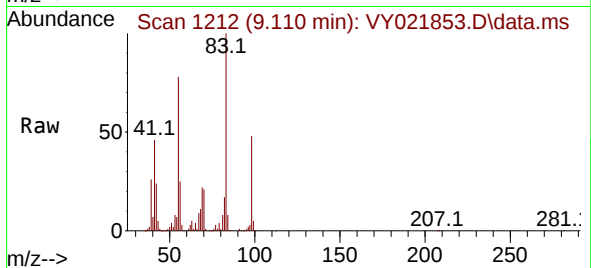
Tgt Ion: 83 Resp: 92467

Ion Ratio Lower Upper

83 100

55 77.7 59.7 89.5

98 47.9 38.3 57.5



#40

Benzene

Concen: 20.297 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021853.D

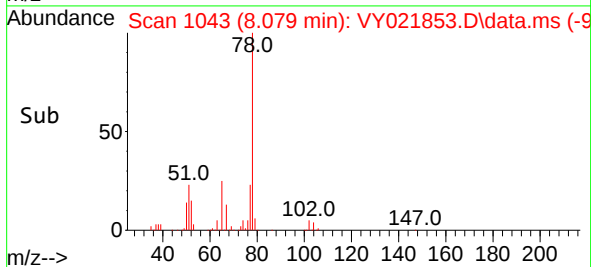
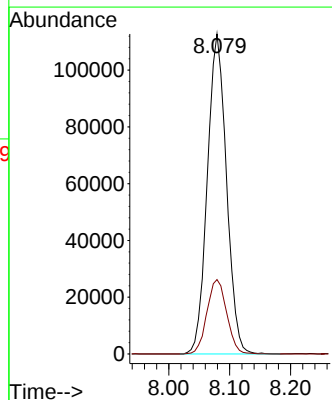
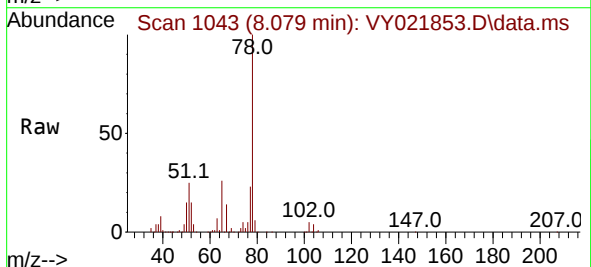
Acq: 11 Apr 2025 12:28

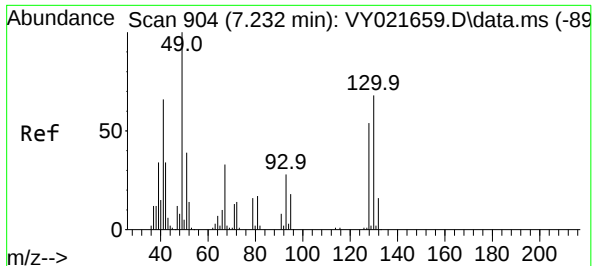
Tgt Ion: 78 Resp: 246182

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

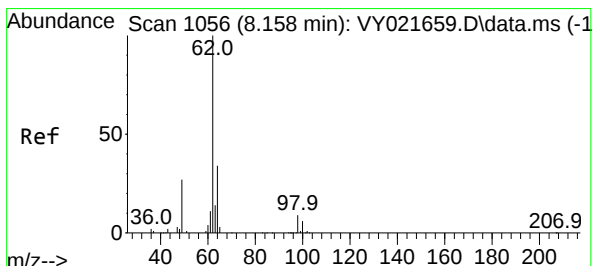
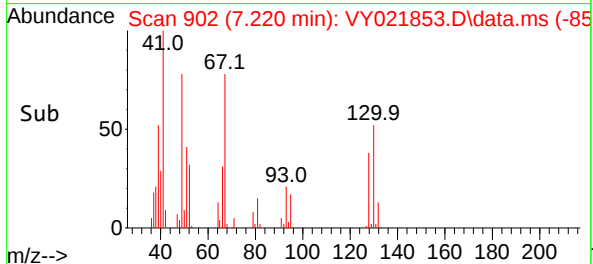
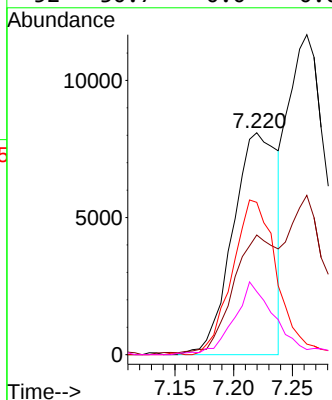
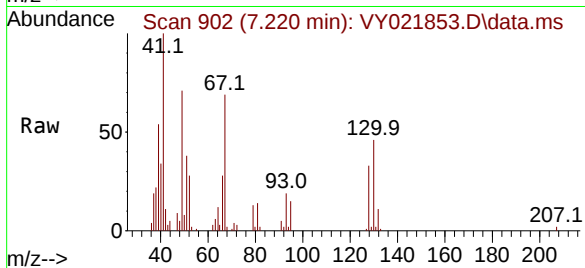




#41
Methacrylonitrile
Concen: 20.947 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

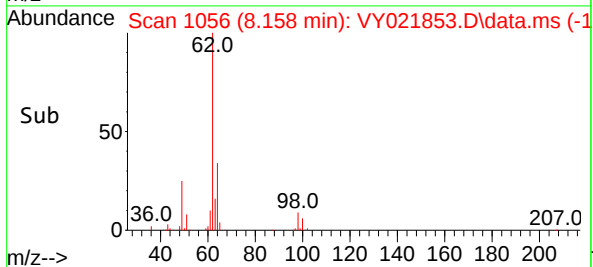
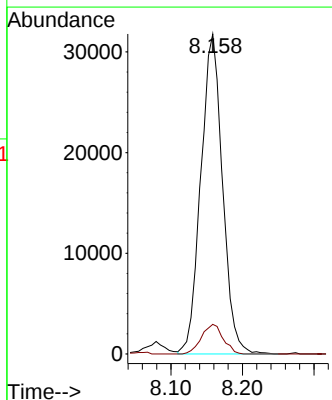
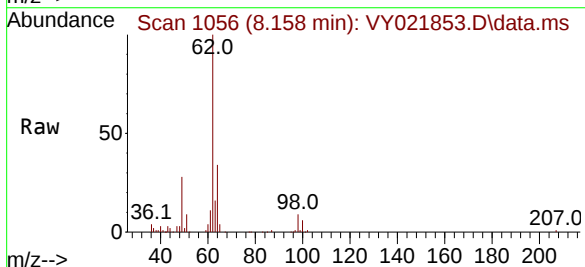
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

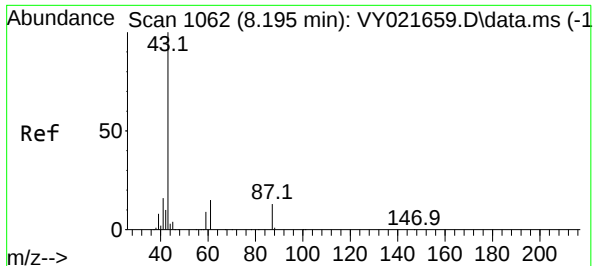
Tgt Ion: 41 Resp: 21263
Ion Ratio Lower Upper
41 100
39 53.8 0.0 0.0#
67 70.8 0.0 0.0#
52 30.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.580 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 62 Resp: 66951
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

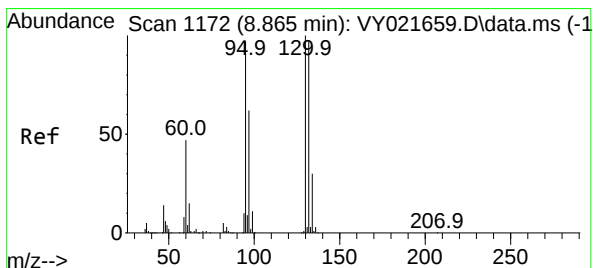
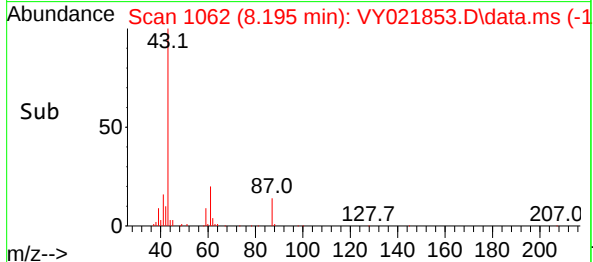
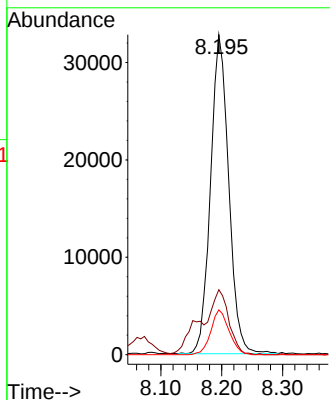
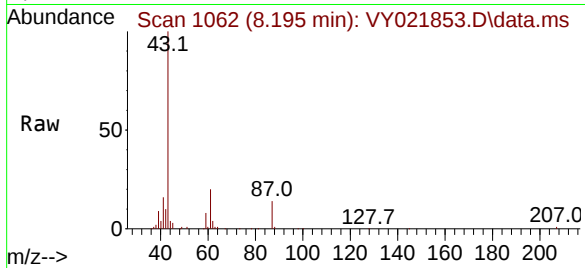




#43
Isopropyl Acetate
Concen: 18.744 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

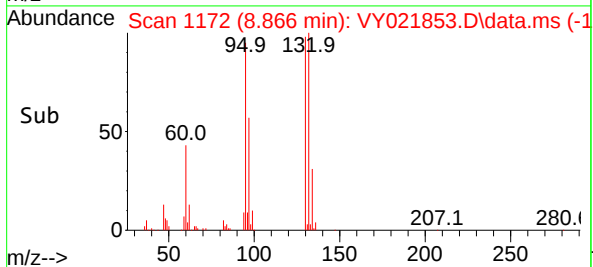
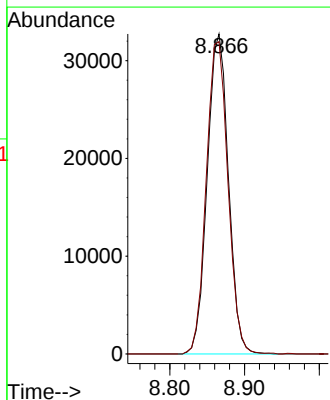
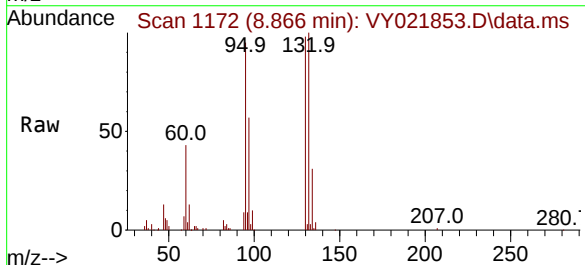
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

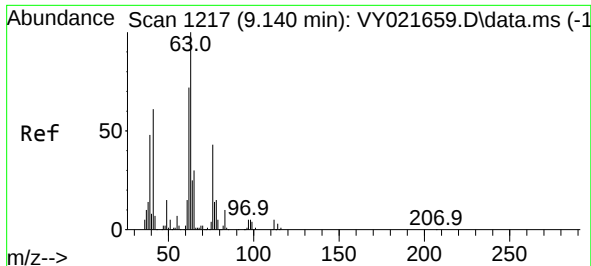
Tgt Ion: 43 Resp: 67897
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9
87 14.1 10.4 15.6



#44
Trichloroethene
Concen: 20.886 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion:130 Resp: 64547
Ion Ratio Lower Upper
130 100
95 97.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.918 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

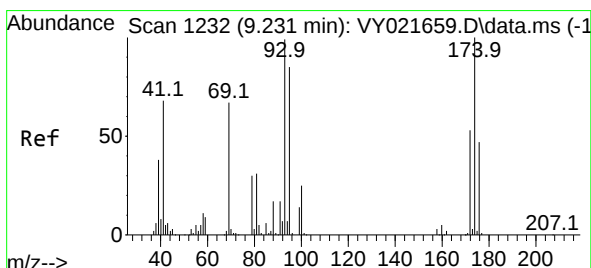
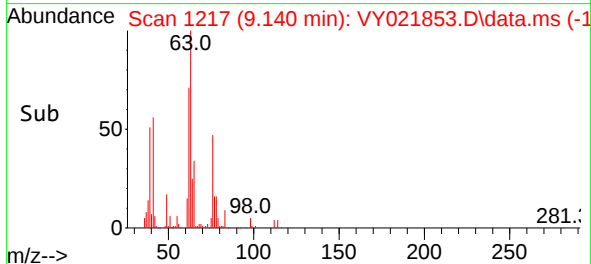
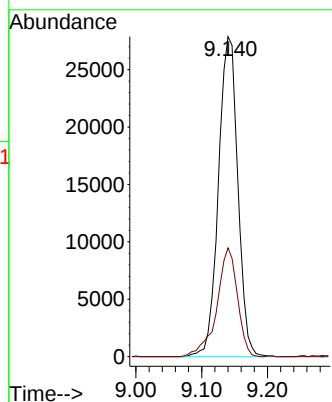
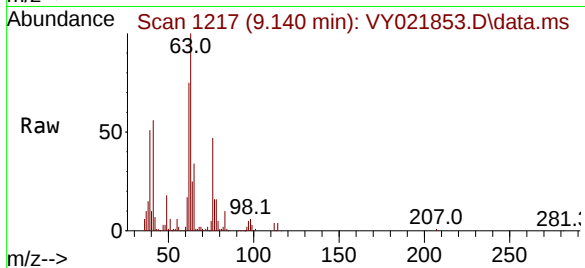
VY0411SBSD01

Tgt Ion: 63 Resp: 57185

Ion Ratio Lower Upper

63 100

65 34.0 24.4 36.6



#46

Dibromomethane

Concen: 19.949 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

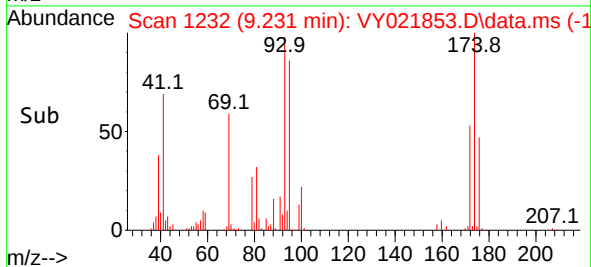
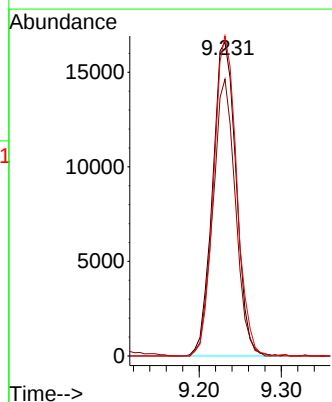
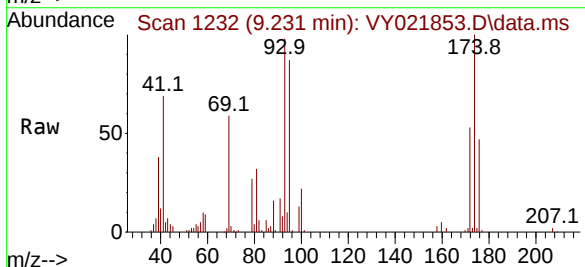
Tgt Ion: 93 Resp: 33009

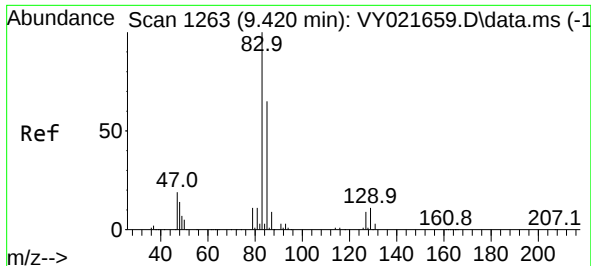
Ion Ratio Lower Upper

93 100

95 84.2 68.1 102.1

174 99.4 80.9 121.3

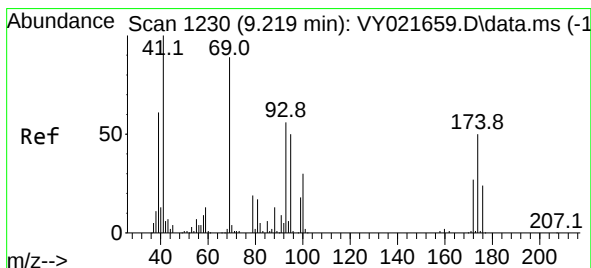
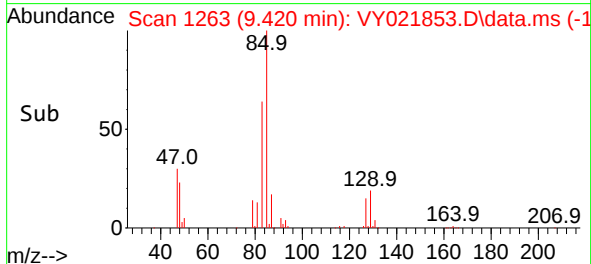
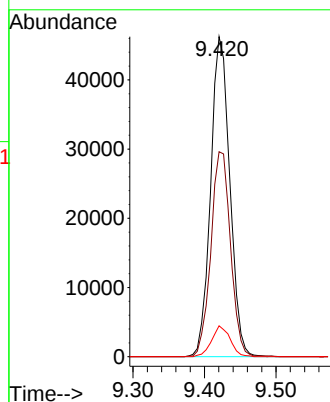
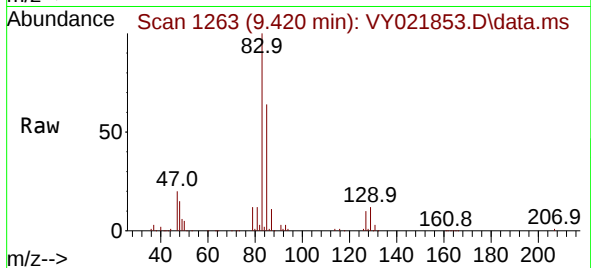




#47
Bromodichloromethane
Concen: 20.041 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

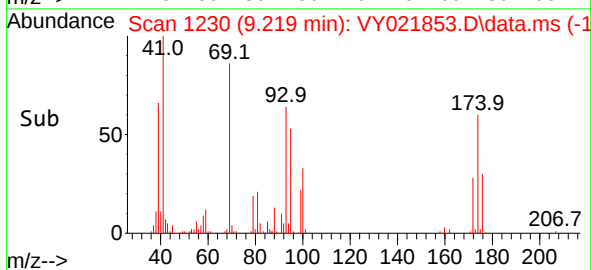
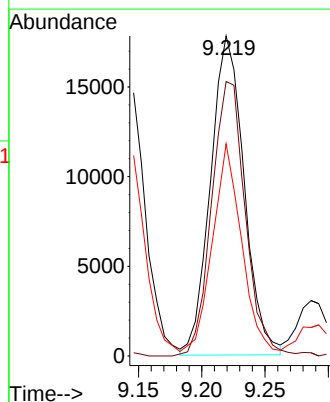
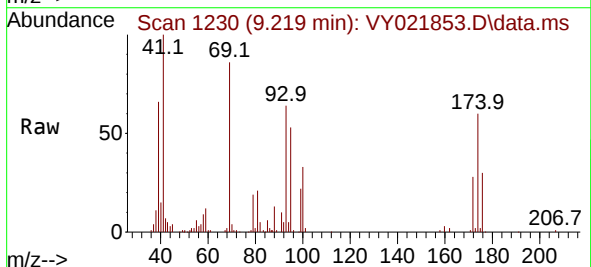
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

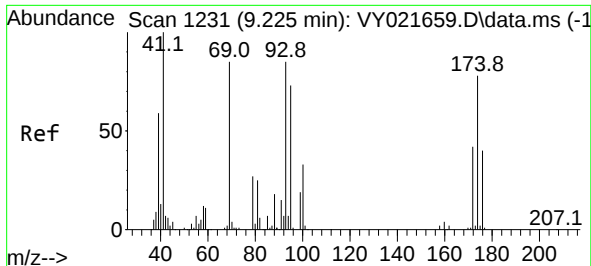
Tgt Ion: 83 Resp: 85927
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6
127 9.6 6.8 10.2



#48
Methyl methacrylate
Concen: 19.776 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 41 Resp: 32878
Ion Ratio Lower Upper
41 100
69 86.7 69.8 104.8
39 55.8 47.2 70.8





#49

1,4-Dioxane

Concen: 414.937 ug/l

RT: 9.225 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

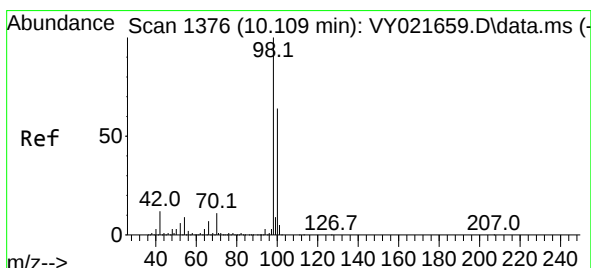
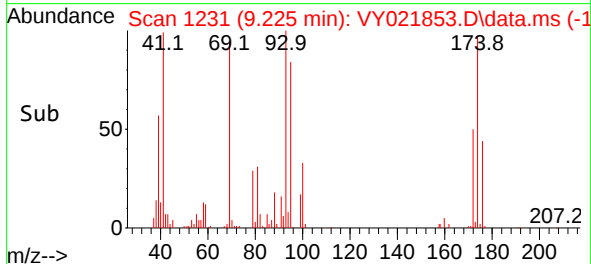
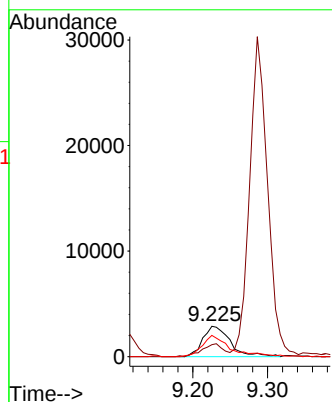
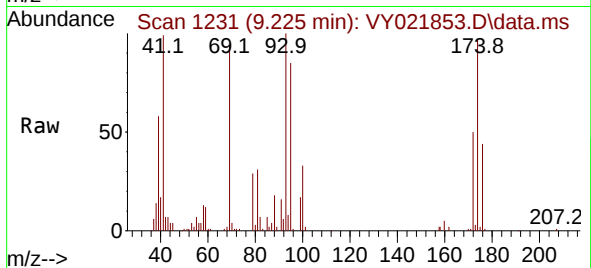
Tgt Ion: 88 Resp: 7355

Ion Ratio Lower Upper

88 100

43 33.3 28.8 43.2

58 72.7 59.4 89.2



#50

Toluene-d8

Concen: 53.116 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021853.D

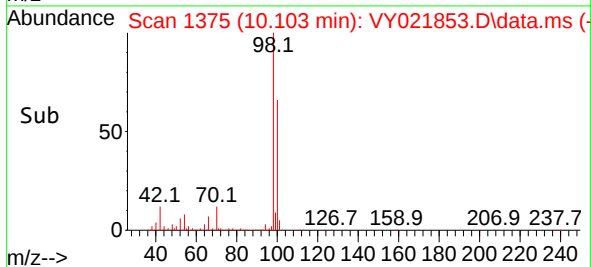
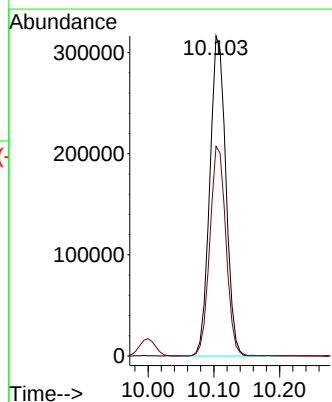
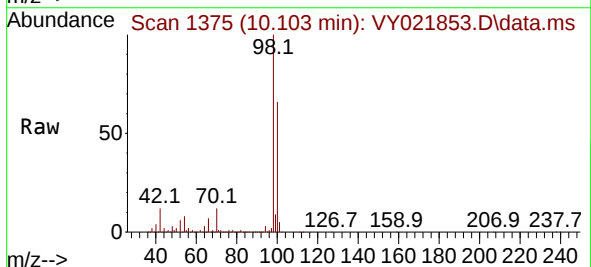
Acq: 11 Apr 2025 12:28

Tgt Ion: 98 Resp: 537312

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 94.443 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

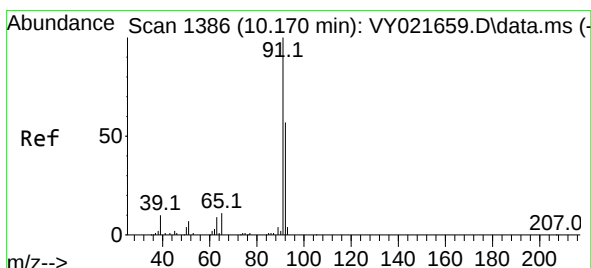
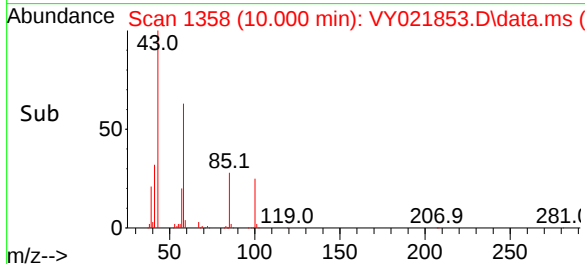
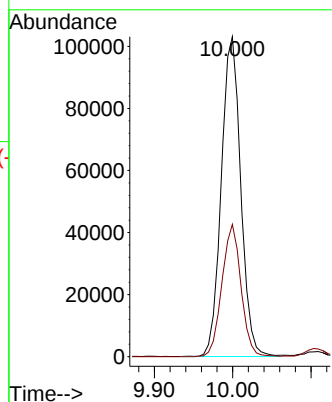
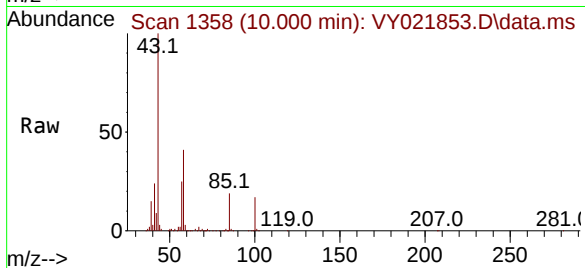
VY0411SBSD01

Tgt Ion: 43 Resp: 178028

Ion Ratio Lower Upper

43 100

58 40.6 31.5 47.3



#52

Toluene

Concen: 20.499 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021853.D

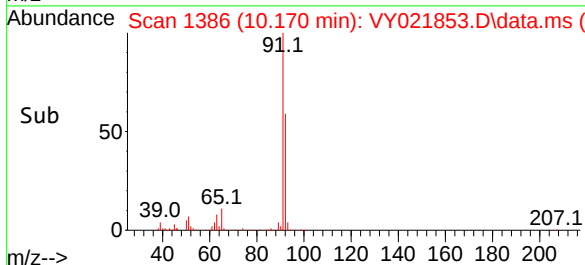
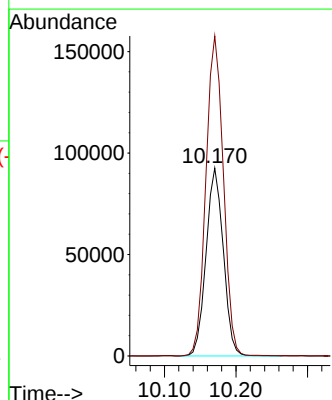
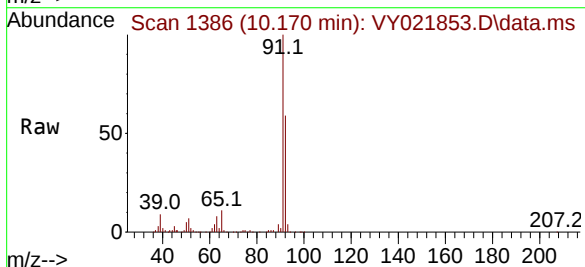
Acq: 11 Apr 2025 12:28

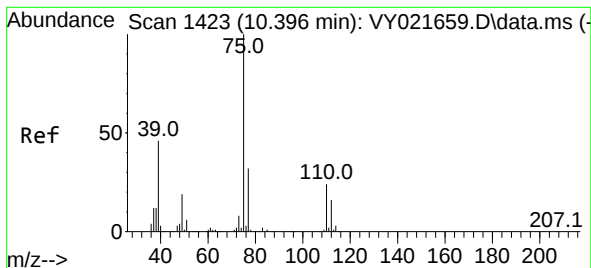
Tgt Ion: 92 Resp: 155125

Ion Ratio Lower Upper

92 100

91 172.5 138.6 207.8

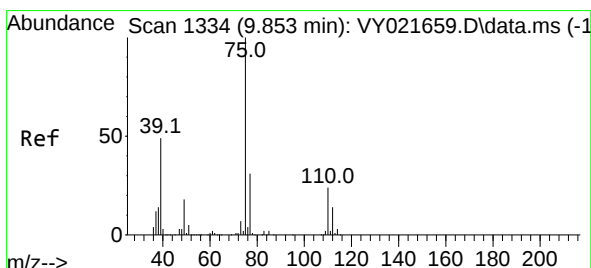
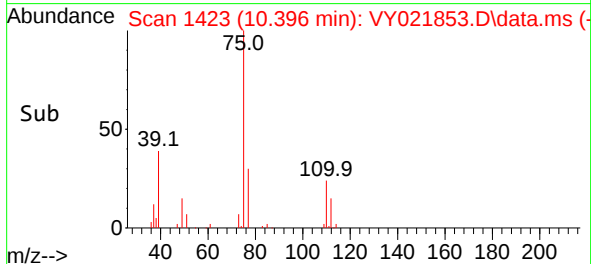
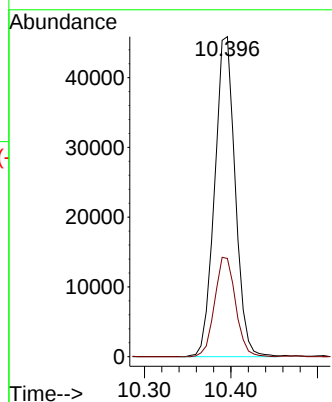
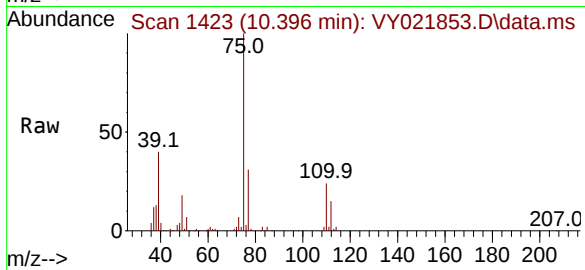




#53
 t-1,3-Dichloropropene
 Concen: 19.876 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

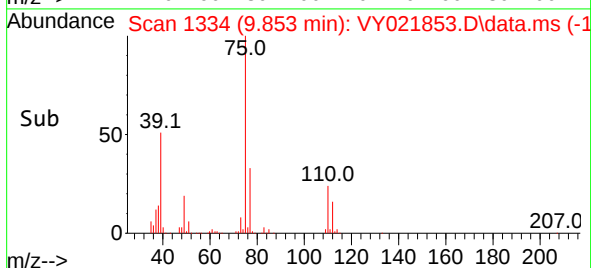
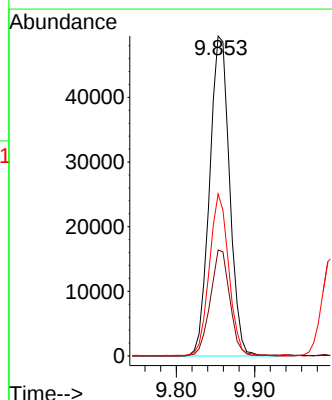
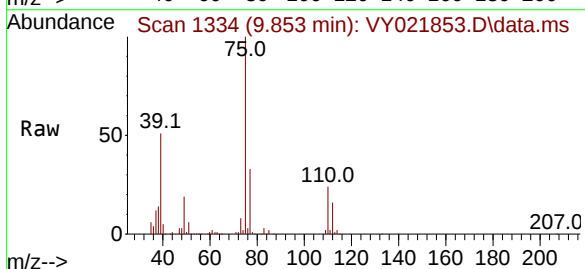
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBSD01

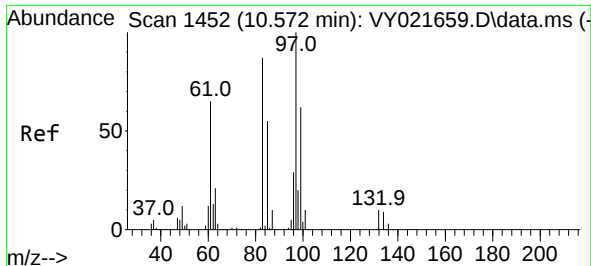
Tgt Ion: 75 Resp: 75693
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.557 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

Tgt Ion: 75 Resp: 87863
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.9 37.3
 39 50.4 39.2 58.8

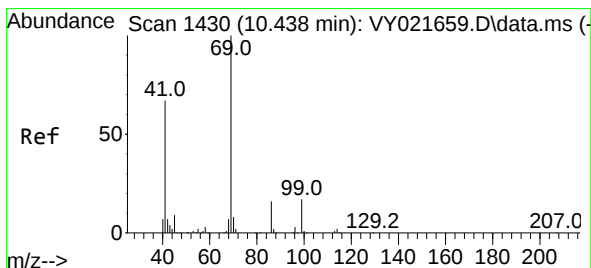
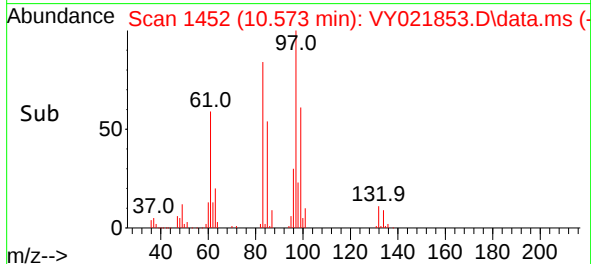
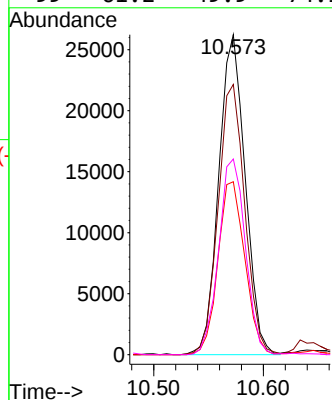
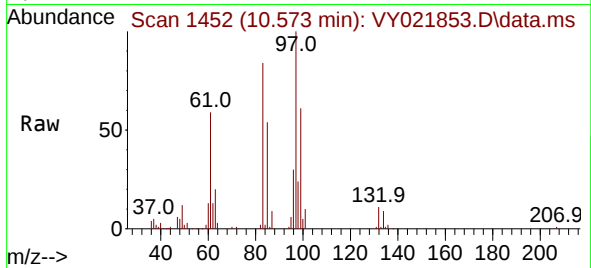




#55
1,1,2-Trichloroethane
Concen: 20.595 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

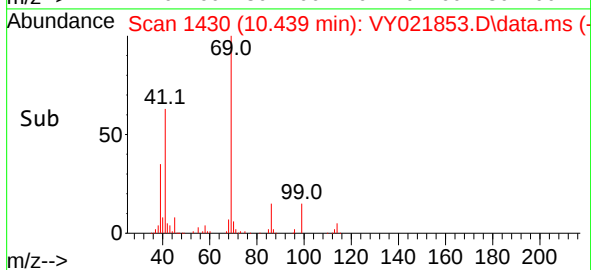
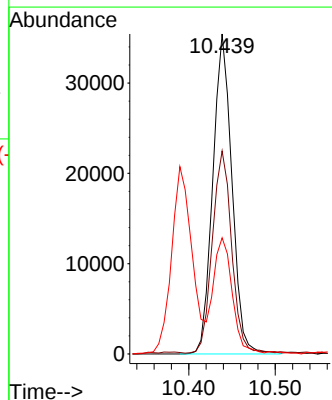
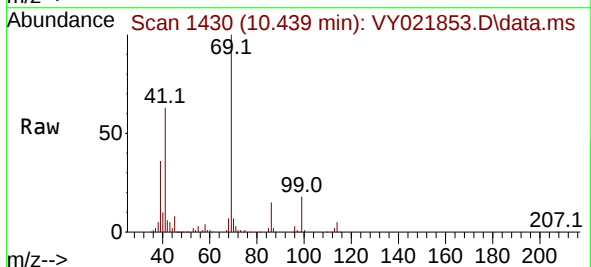
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

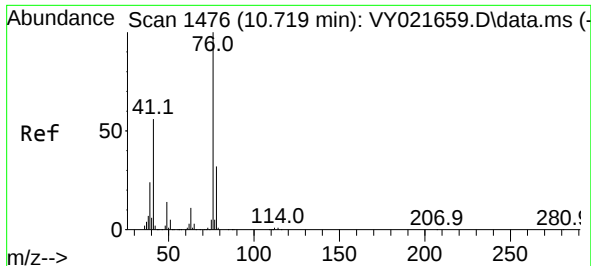
Tgt Ion: 97	Resp: 43853
Ion Ratio	Lower Upper
97 100	
83 84.4	69.5 104.3
85 54.1	43.9 65.9
99 61.2	49.9 74.9



#56
Ethyl methacrylate
Concen: 20.012 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 69	Resp: 54410
Ion Ratio	Lower Upper
69 100	
41 63.8	53.8 80.6
39 34.6	29.6 44.4





#57

1,3-Dichloropropane

Concen: 20.115 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

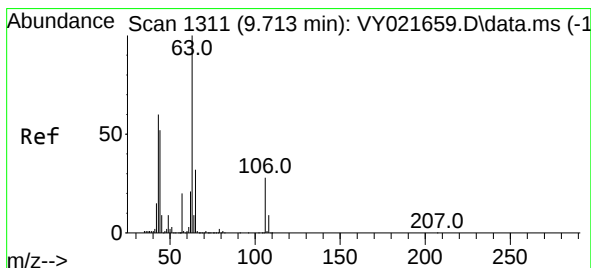
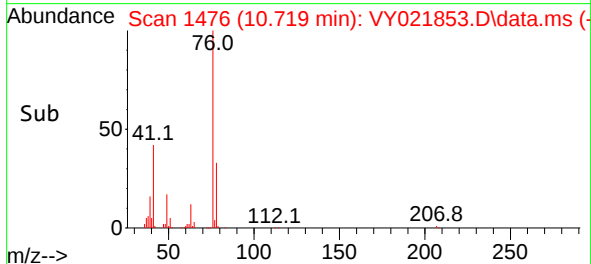
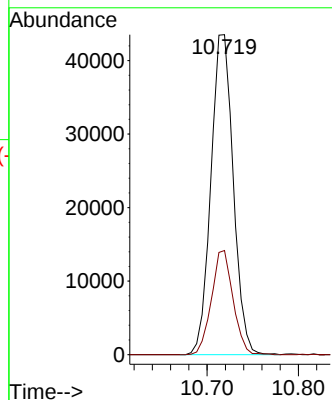
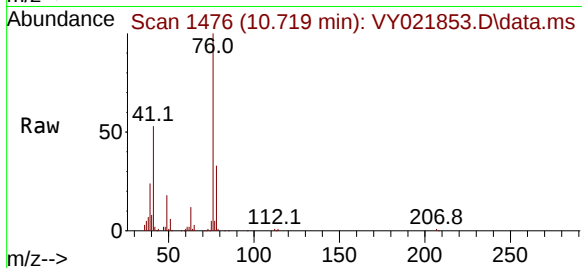
VY0411SBSD01

Tgt Ion: 76 Resp: 73973

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.933 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021853.D

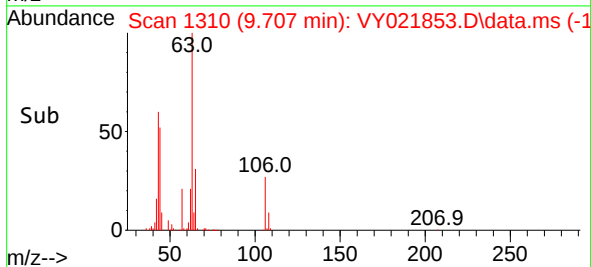
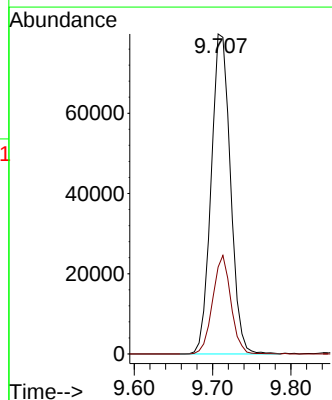
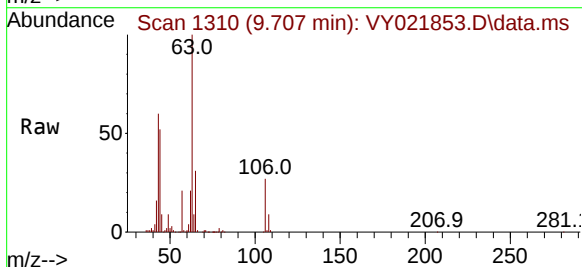
Acq: 11 Apr 2025 12:28

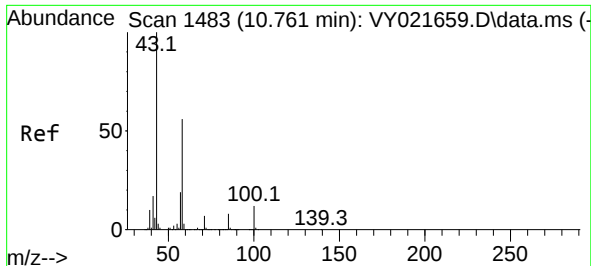
Tgt Ion: 63 Resp: 136529

Ion Ratio Lower Upper

63 100

106 29.0 22.4 33.6





#59

2-Hexanone

Concen: 93.444 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

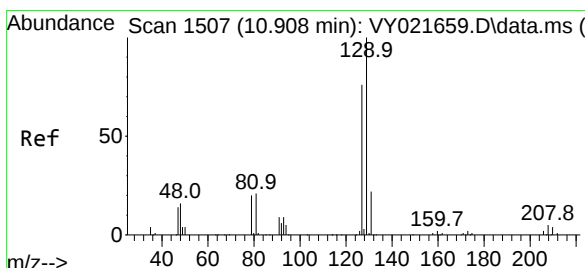
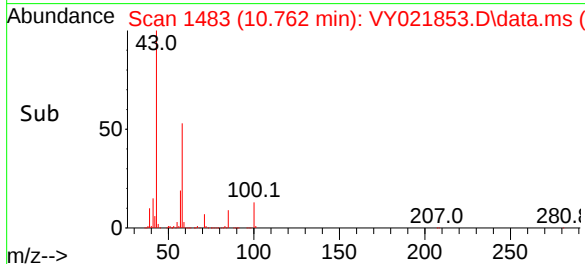
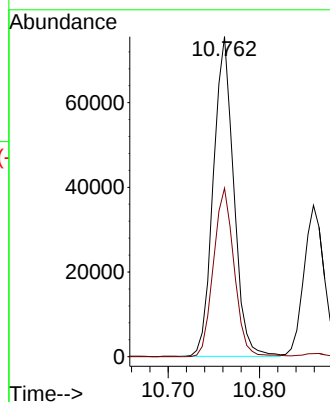
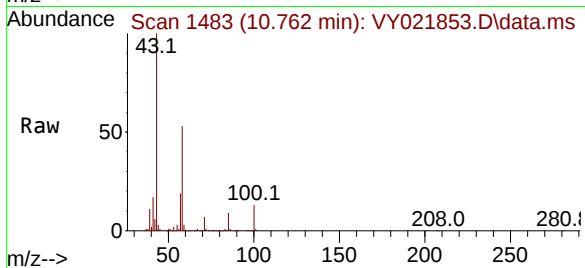
VY0411SBSD01

Tgt Ion: 43 Resp: 117310

Ion Ratio Lower Upper

43 100

58 53.6 27.2 81.5



#60

Dibromochloromethane

Concen: 20.483 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY021853.D

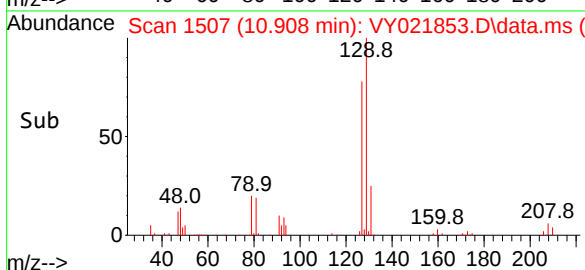
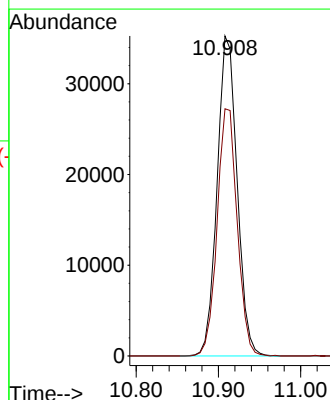
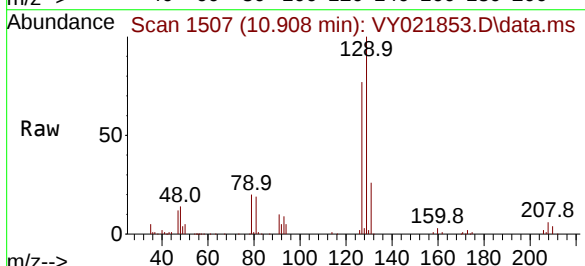
Acq: 11 Apr 2025 12:28

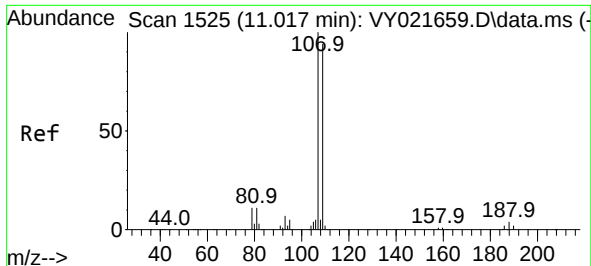
Tgt Ion:129 Resp: 59548

Ion Ratio Lower Upper

129 100

127 77.7 38.6 115.7

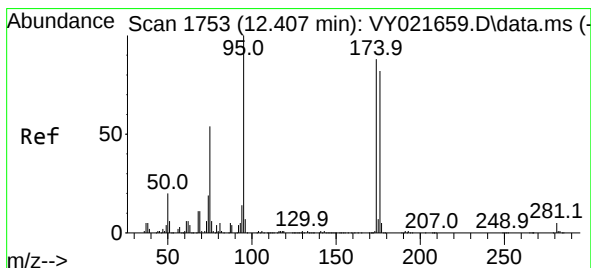
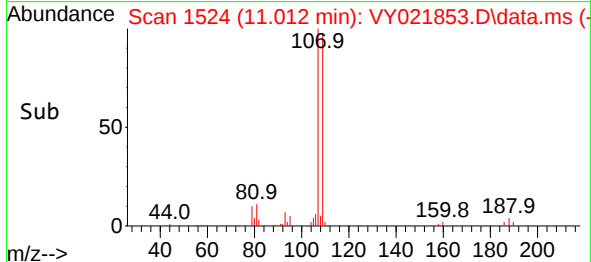
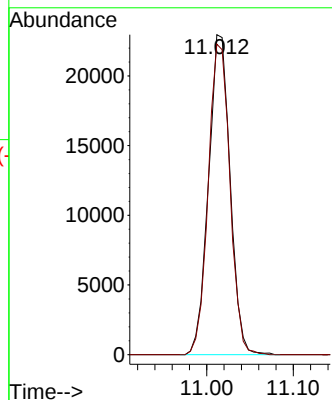
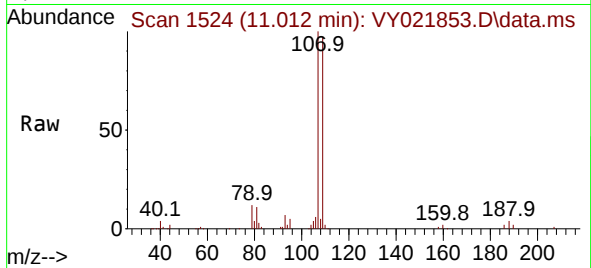




#61
1,2-Dibromoethane
Concen: 19.918 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

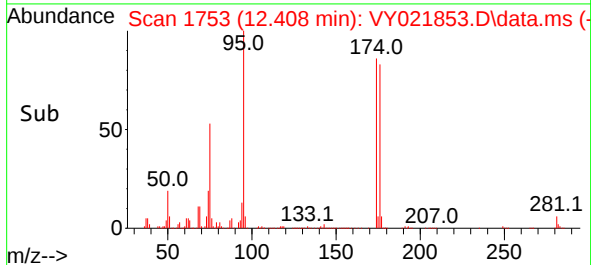
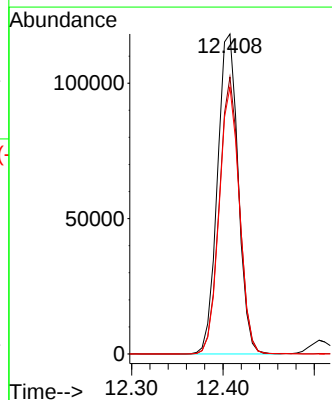
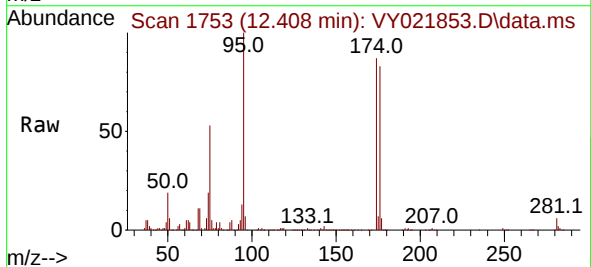
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

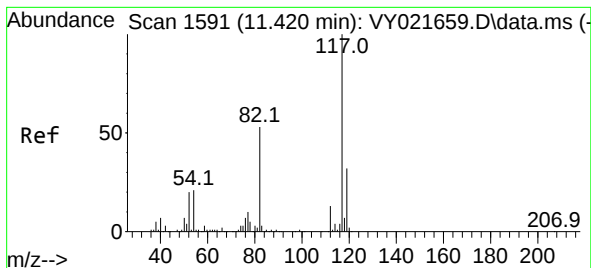
Tgt Ion:107 Resp: 39785
Ion Ratio Lower Upper
107 100
109 97.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.474 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 95 Resp: 186390
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 81.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

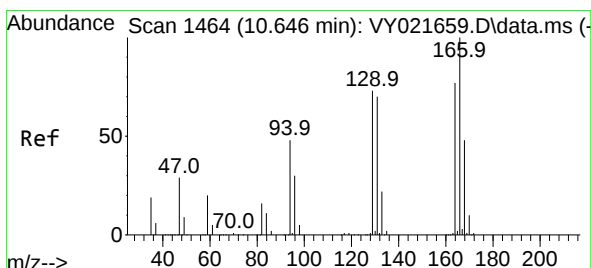
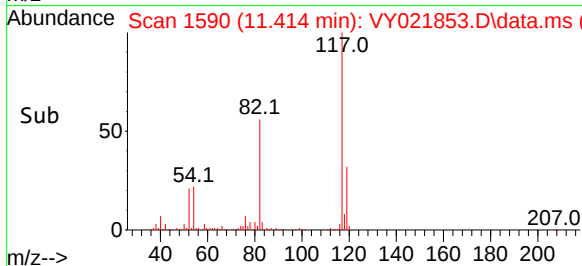
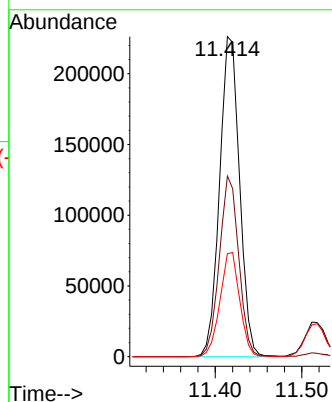
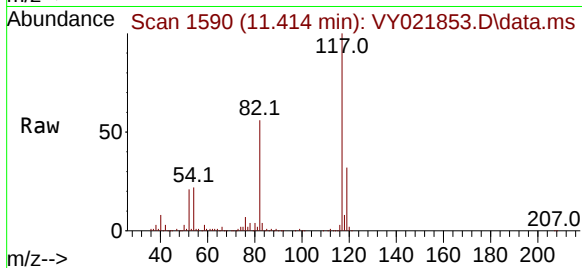
Tgt Ion:117 Resp: 362626

Ion Ratio Lower Upper

117 100

82 56.5 42.8 64.2

119 32.2 25.7 38.5



#64

Tetrachloroethene

Concen: 22.375 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion:164 Resp: 73897

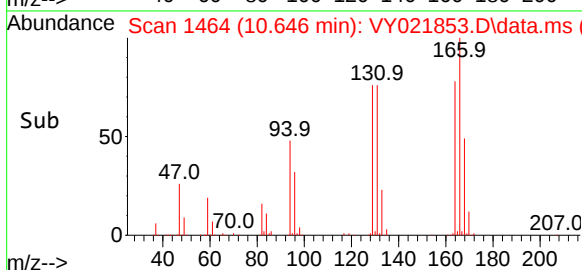
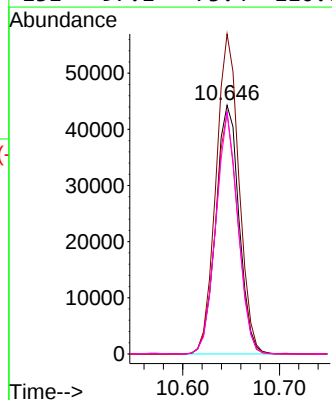
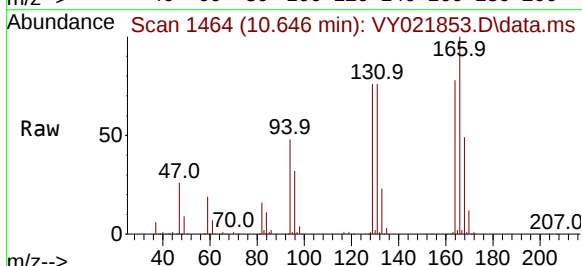
Ion Ratio Lower Upper

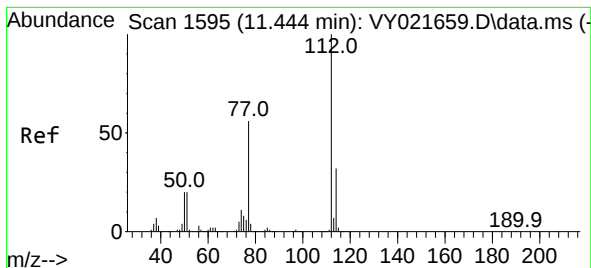
164 100

166 128.7 104.6 156.8

129 97.3 76.6 114.8

131 97.1 73.4 110.0





#65

Chlorobenzene

Concen: 20.392 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

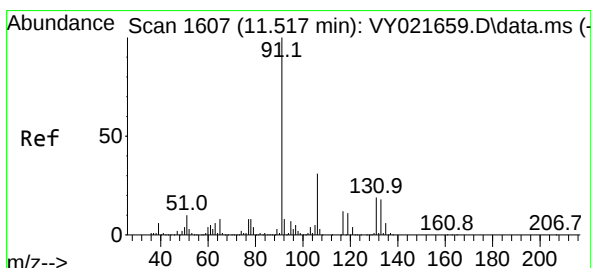
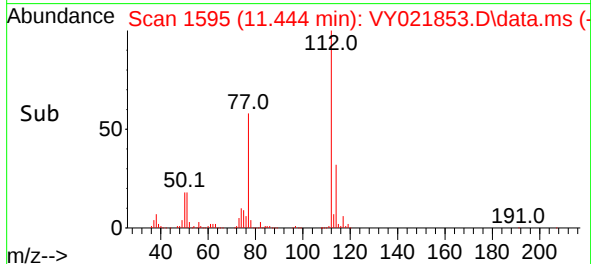
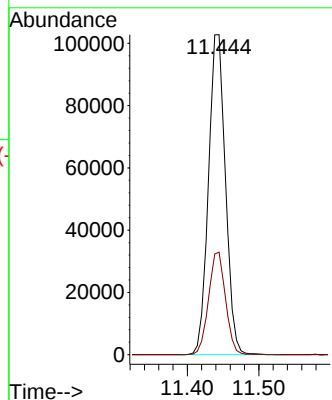
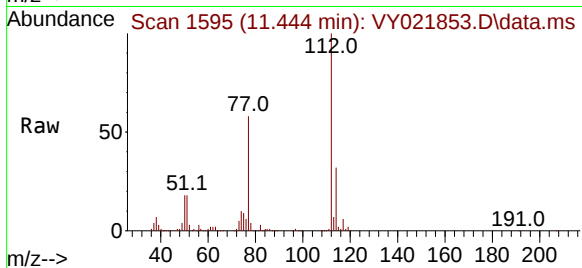
VY0411SBSD01

Tgt Ion:112 Resp: 169509

Ion Ratio Lower Upper

112 100

114 32.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.753 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

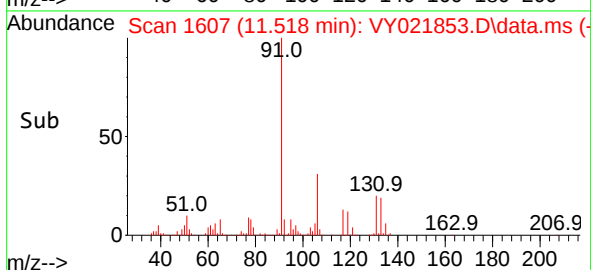
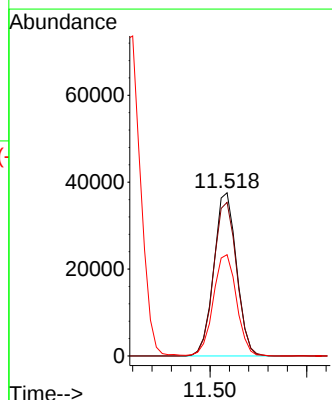
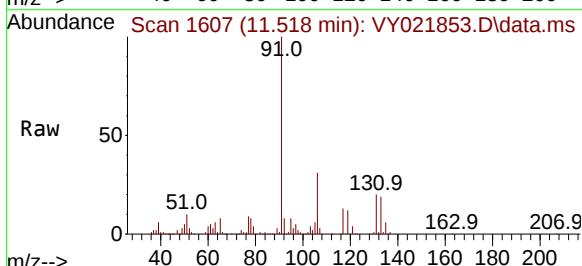
Tgt Ion:131 Resp: 61208

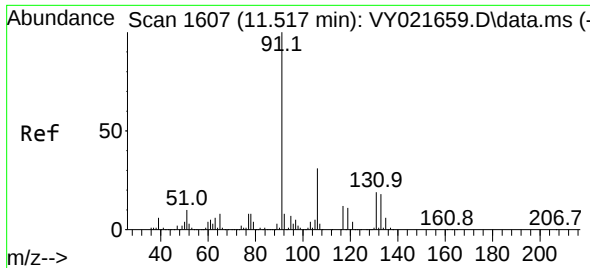
Ion Ratio Lower Upper

131 100

133 95.8 47.3 141.8

119 63.8 31.6 95.0

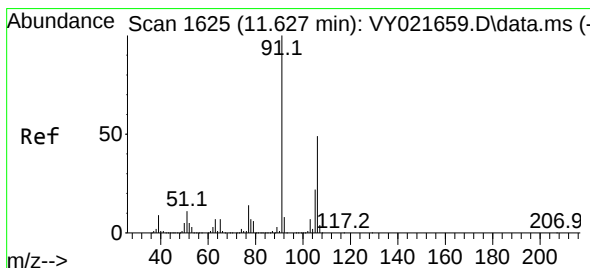
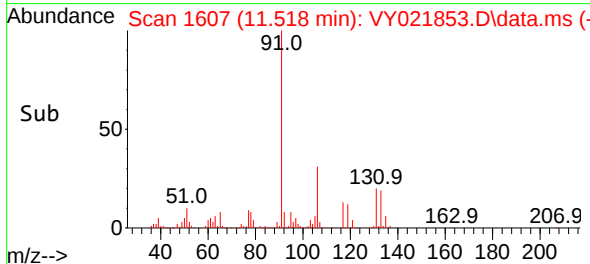
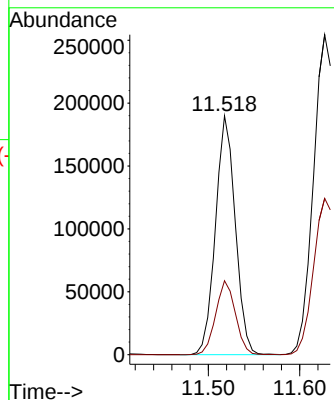
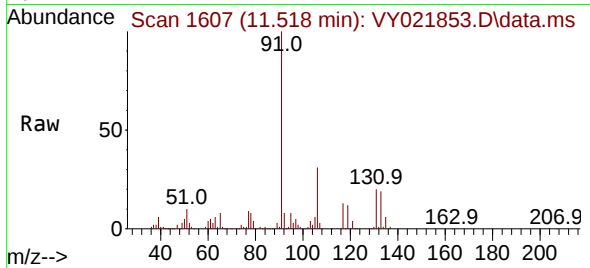




#67
Ethyl Benzene
Concen: 20.054 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

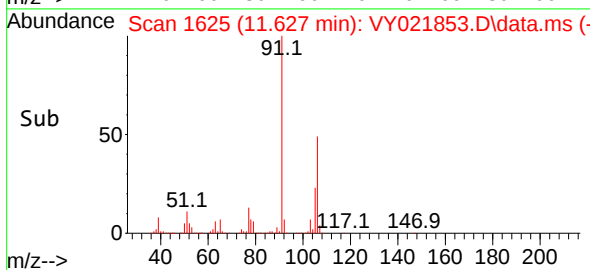
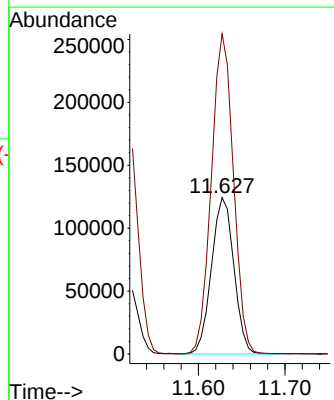
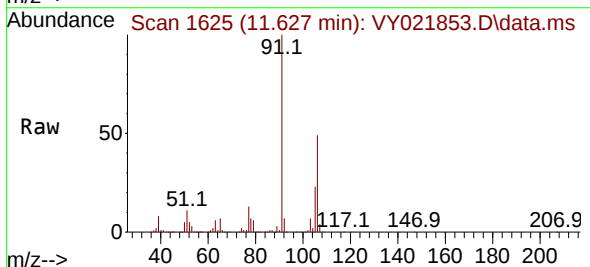
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

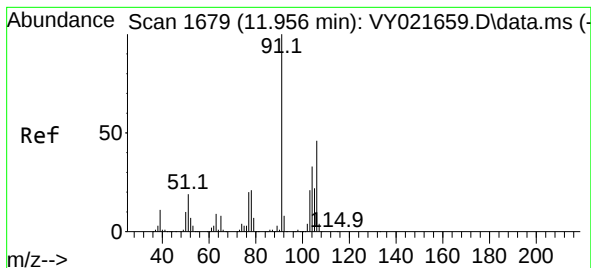
Tgt Ion: 91 Resp: 285855
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 40.827 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 106 Resp: 222848
Ion Ratio Lower Upper
106 100
91 202.1 162.4 243.6





#69

o-Xylene

Concen: 20.457 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

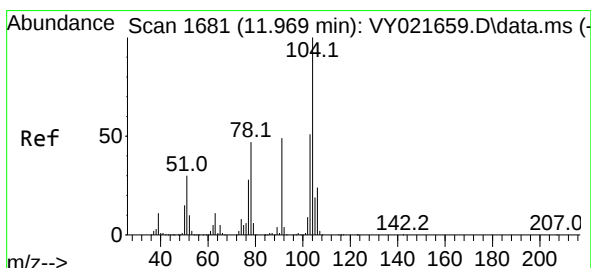
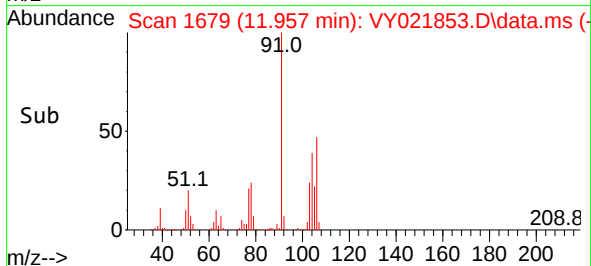
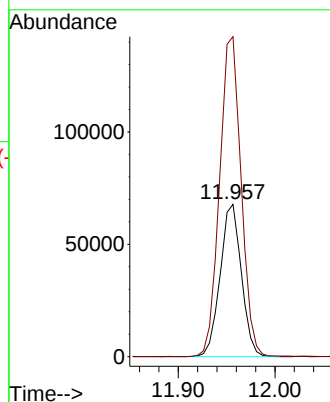
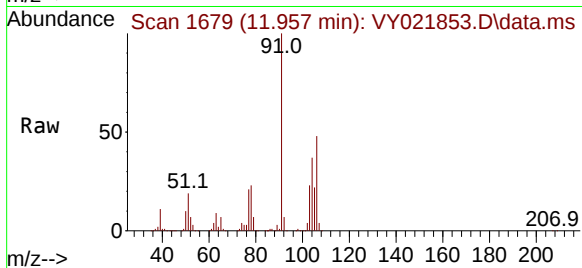
VY0411SBSD01

Tgt Ion:106 Resp: 103070

Ion Ratio Lower Upper

106 100

91 214.0 106.7 319.9



#70

Styrene

Concen: 20.585 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

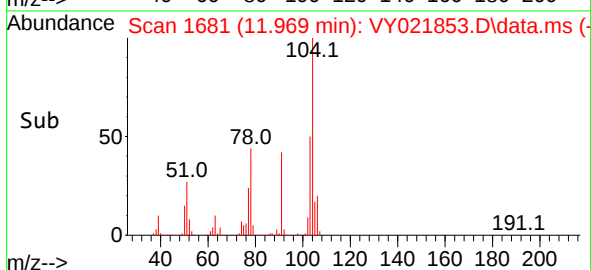
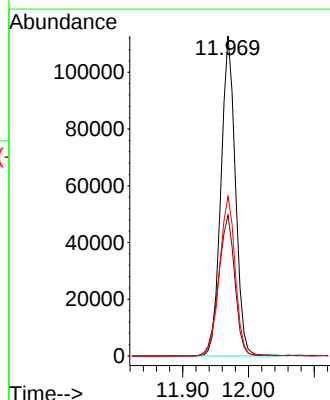
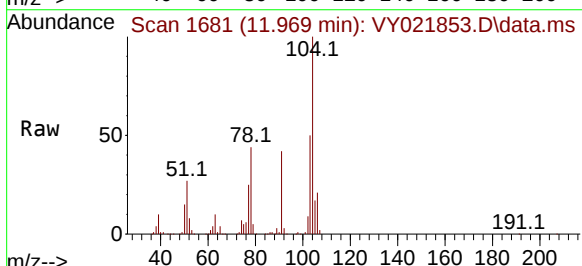
Tgt Ion:104 Resp: 172929

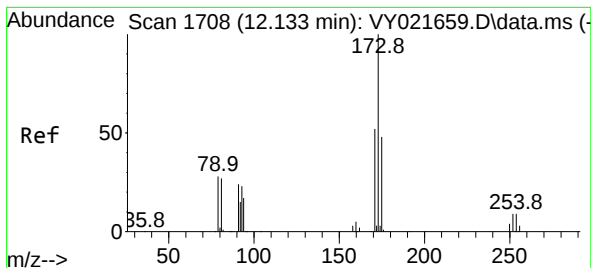
Ion Ratio Lower Upper

104 100

78 49.5 40.8 61.2

103 54.4 44.2 66.2





#71

Bromoform

Concen: 20.366 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

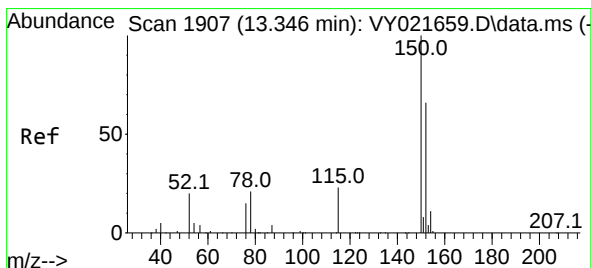
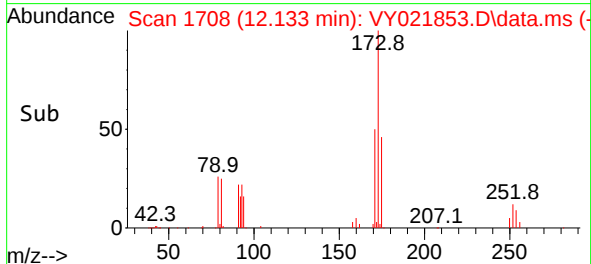
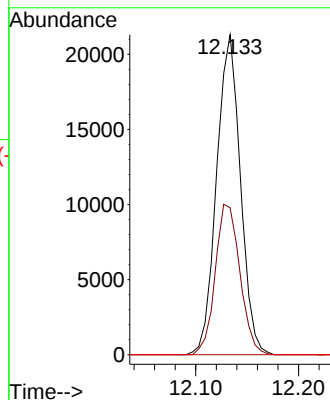
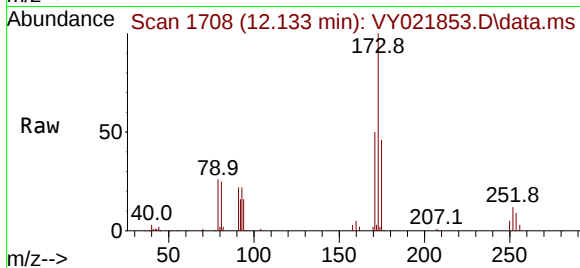
Tgt Ion:173 Resp: 34263

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

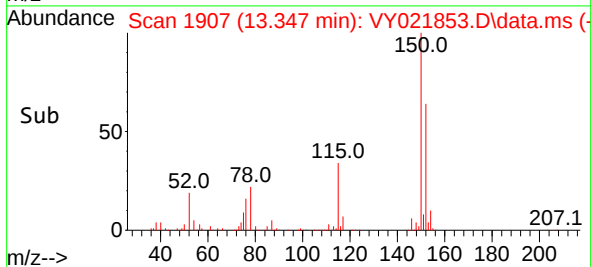
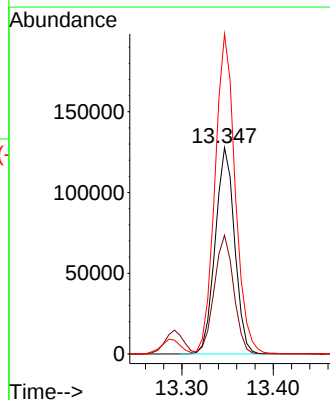
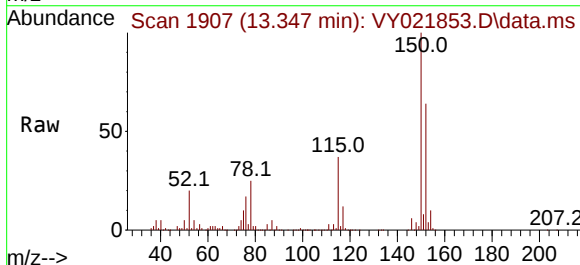
Tgt Ion:152 Resp: 188335

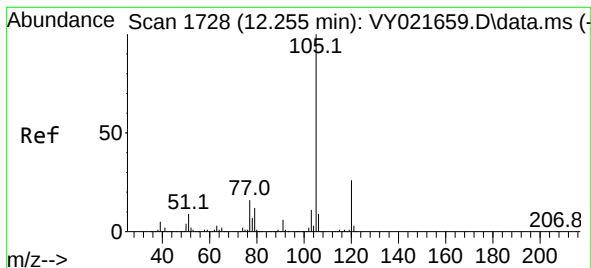
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 161.7 0.0 348.4





#73

Isopropylbenzene

Concen: 19.741 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

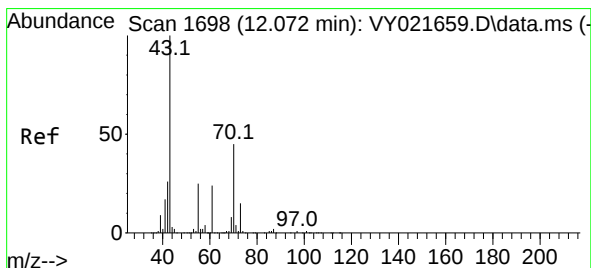
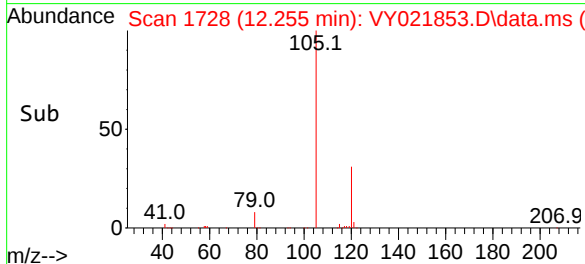
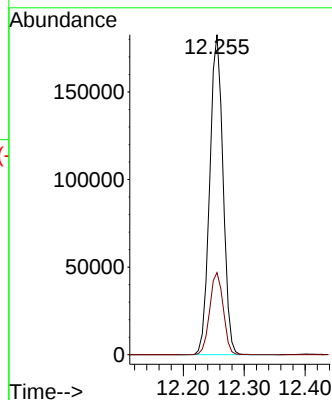
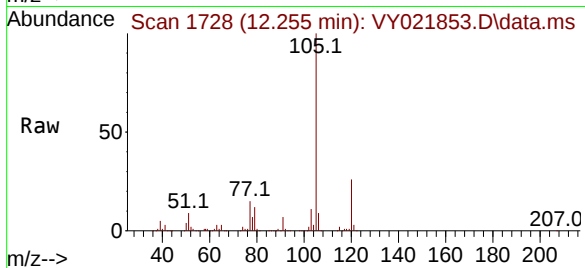
VY0411SBSD01

Tgt Ion:105 Resp: 276145

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 17.661 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion: 43 Resp: 57979

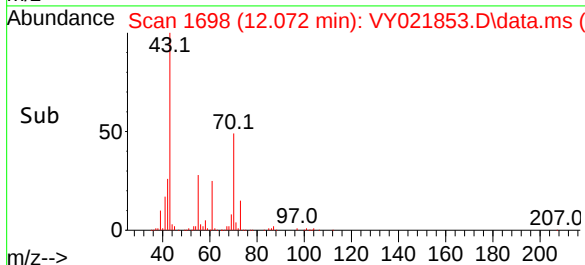
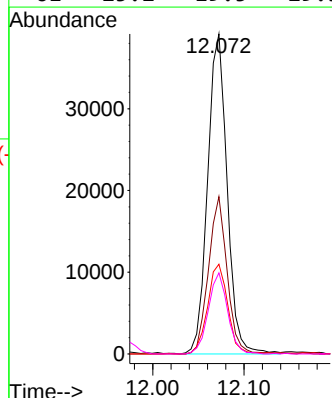
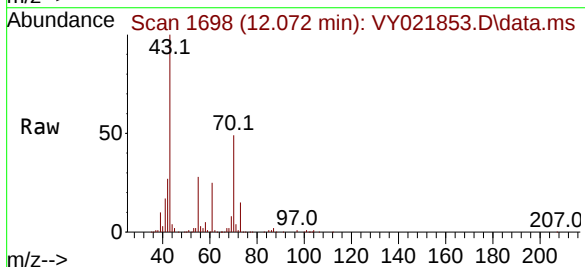
Ion Ratio Lower Upper

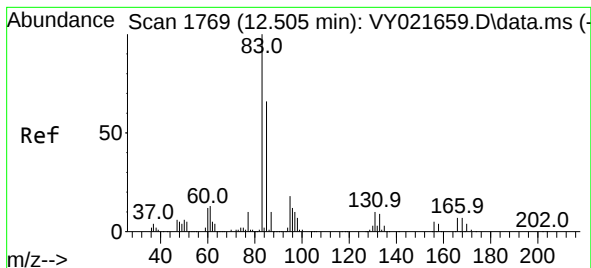
43 100

70 47.4 34.7 52.1

55 29.2 21.2 31.8

61 25.2 19.5 29.3





#75

1,1,2-Tetrachloroethane

Concen: 17.980 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

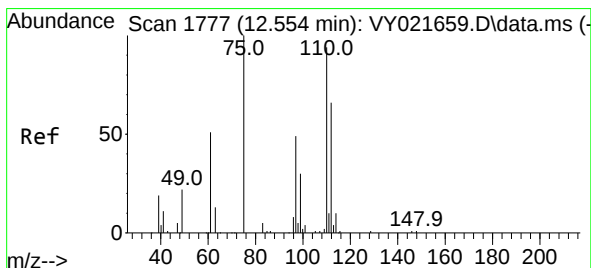
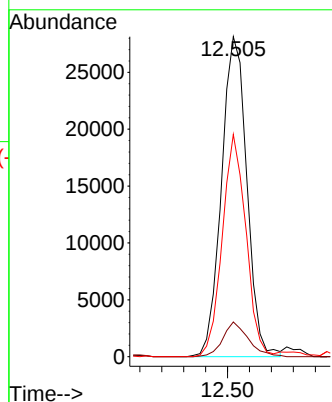
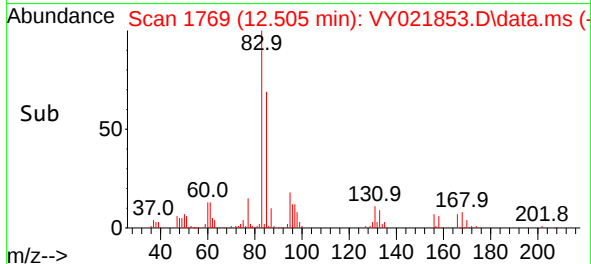
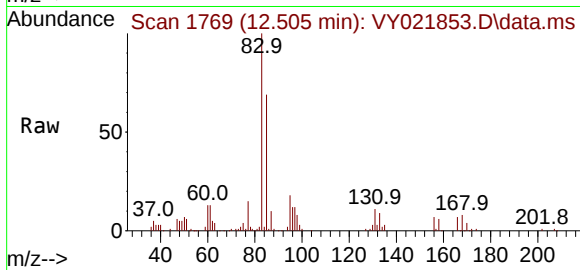
Tgt Ion: 83 Resp: 45218

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

85 64.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 34.147 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021853.D

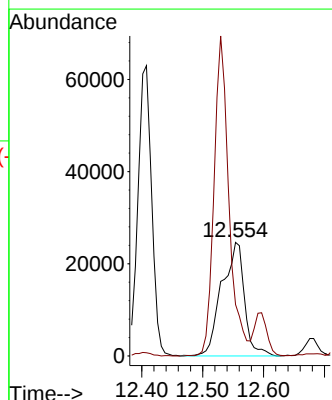
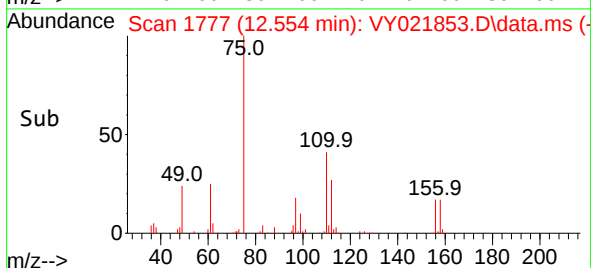
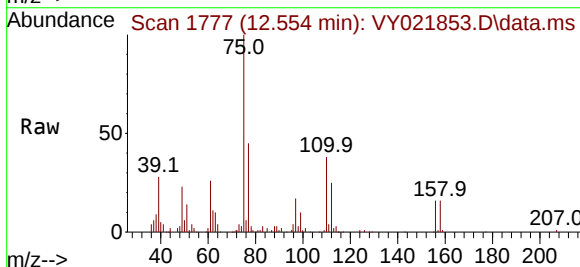
Acq: 11 Apr 2025 12:28

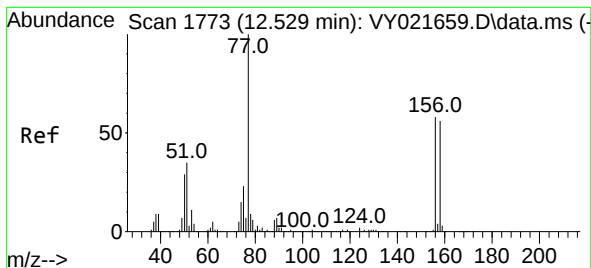
Tgt Ion: 75 Resp: 63748

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.699 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

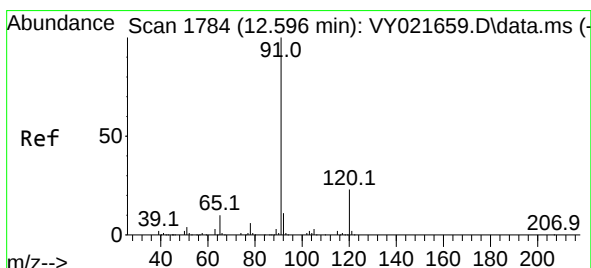
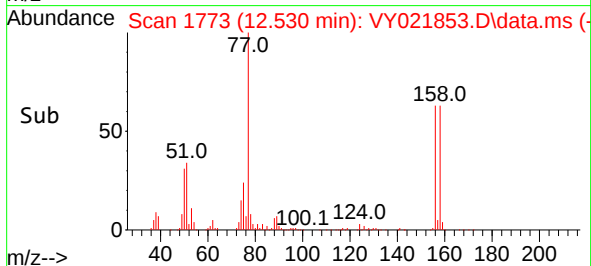
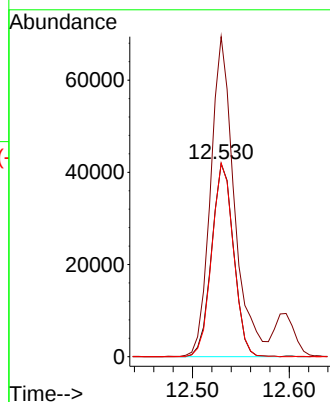
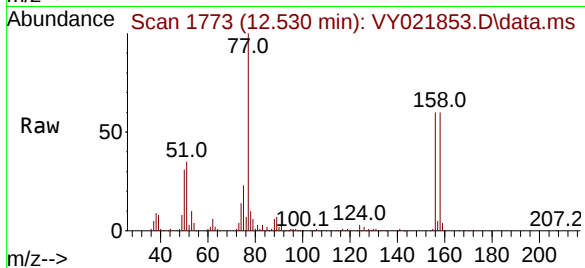
Tgt Ion:156 Resp: 66160

Ion Ratio Lower Upper

156 100

77 179.7 92.8 278.3

158 99.0 48.5 145.6



#78

n-propylbenzene

Concen: 19.738 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021853.D

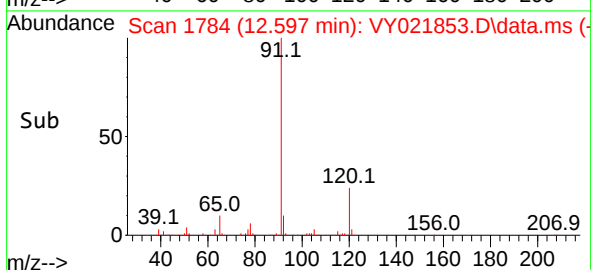
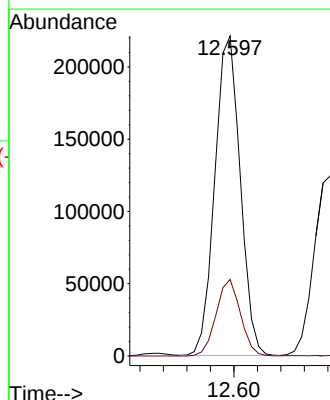
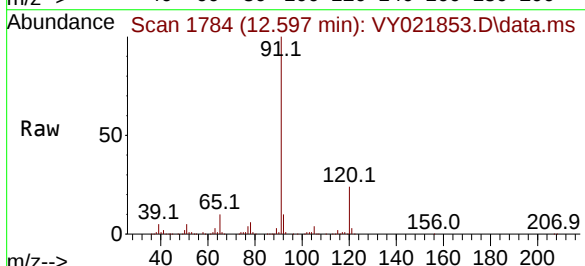
Acq: 11 Apr 2025 12:28

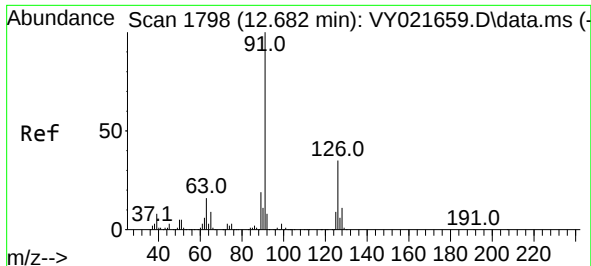
Tgt Ion: 91 Resp: 331933

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9

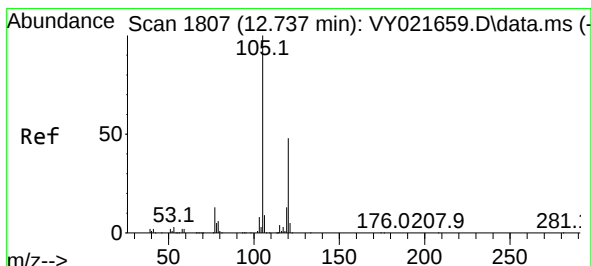
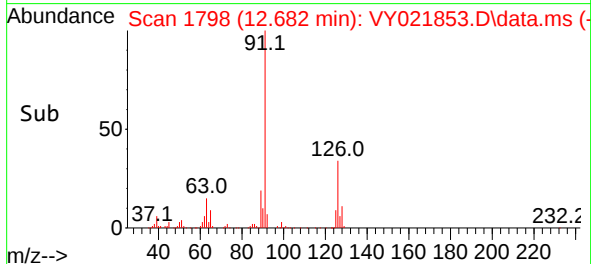
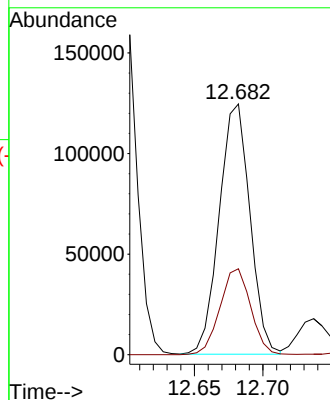
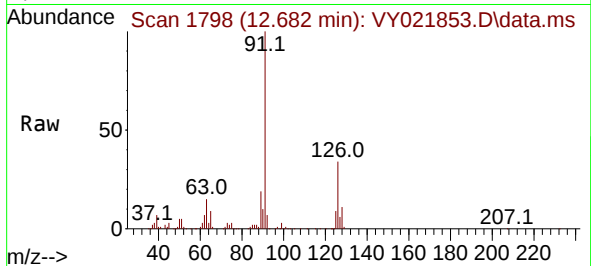




#79
2-Chlorotoluene
Concen: 19.932 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

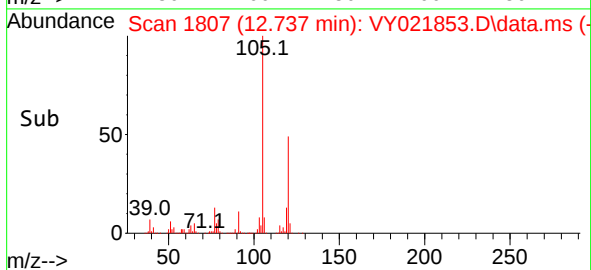
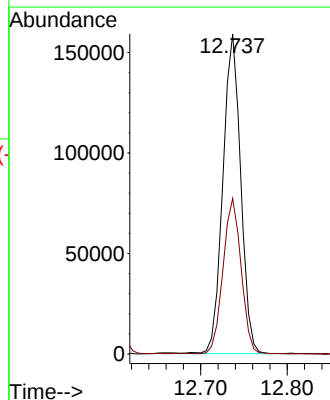
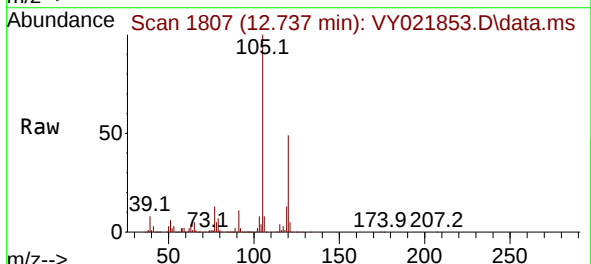
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

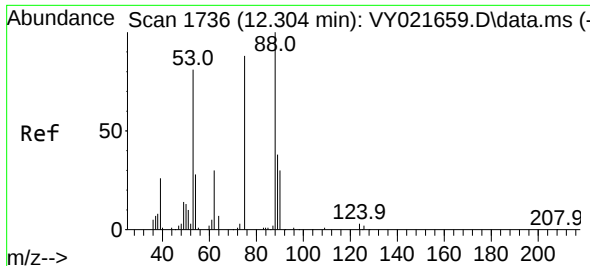
Tgt Ion: 91 Resp: 194696
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.856 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 105 Resp: 227007
Ion Ratio Lower Upper
105 100
120 49.6 24.5 73.5

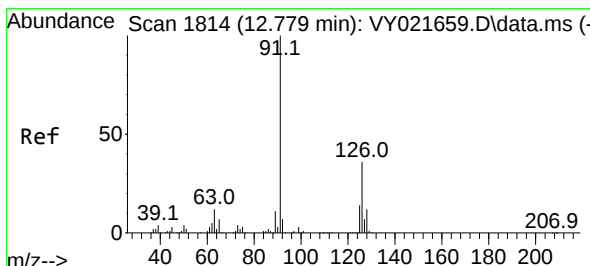
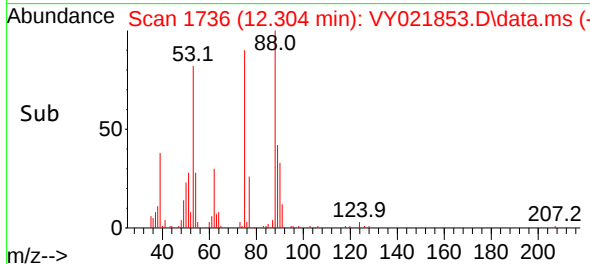
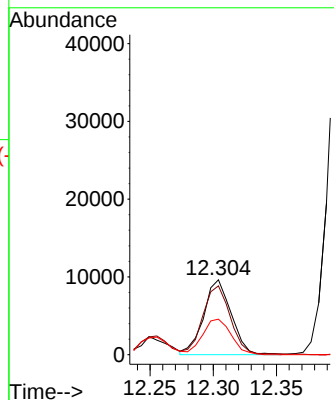
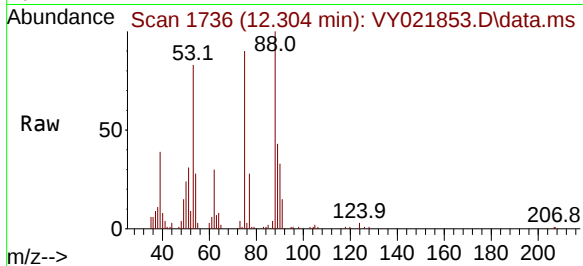




#81
trans-1,4-Dichloro-2-butene
Concen: 18.001 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

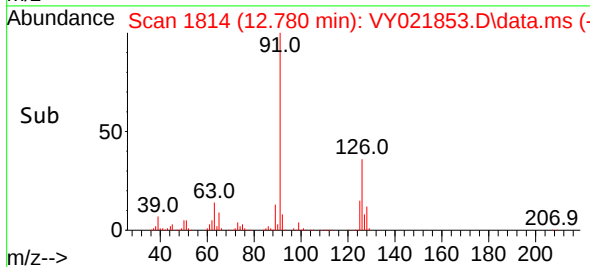
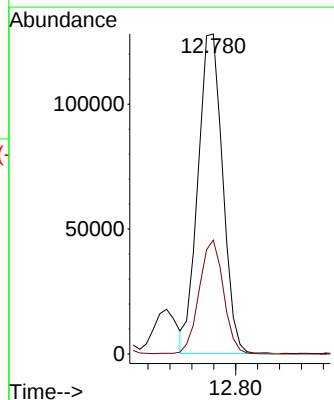
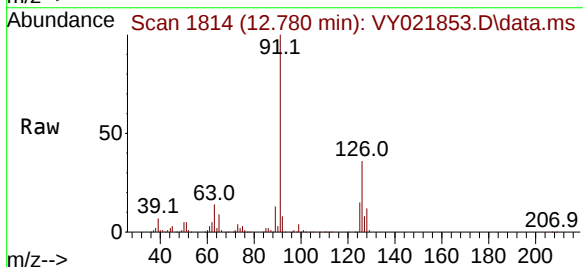
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

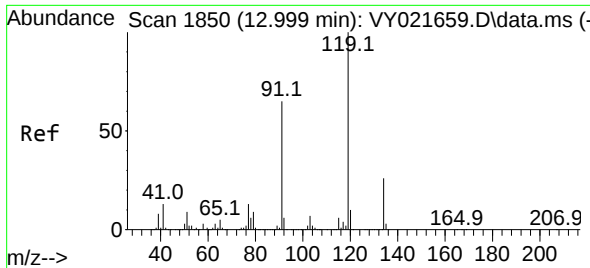
Tgt Ion: 75 Resp: 14585
Ion Ratio Lower Upper
75 100
53 93.2 76.1 114.1
89 48.5 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.643 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion: 91 Resp: 200035
Ion Ratio Lower Upper
91 100
126 35.1 17.0 50.9

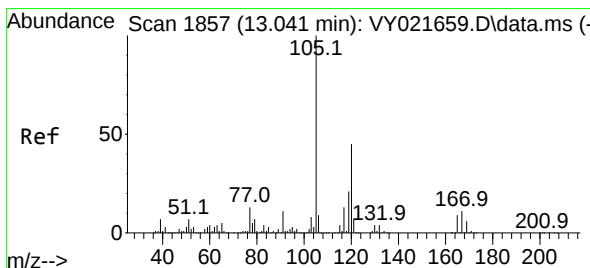
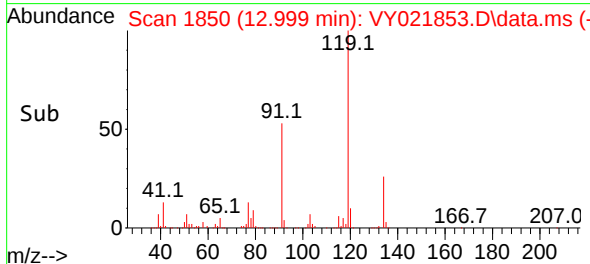
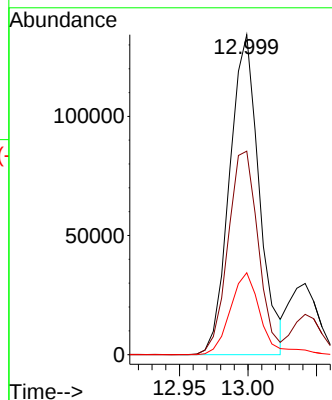
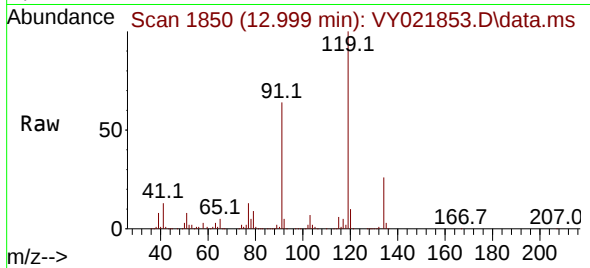




#83
 tert-Butylbenzene
 Concen: 19.823 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

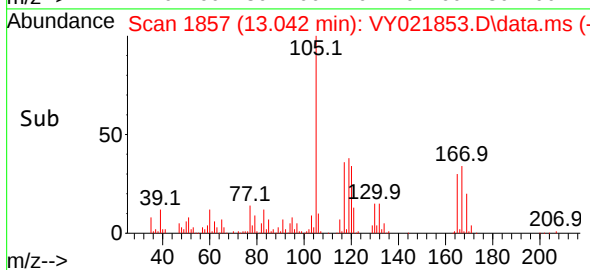
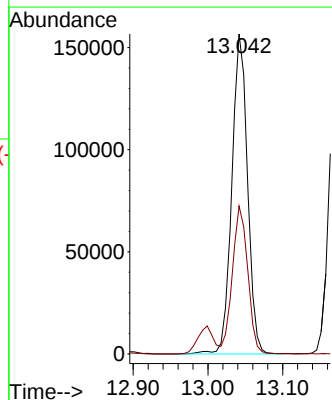
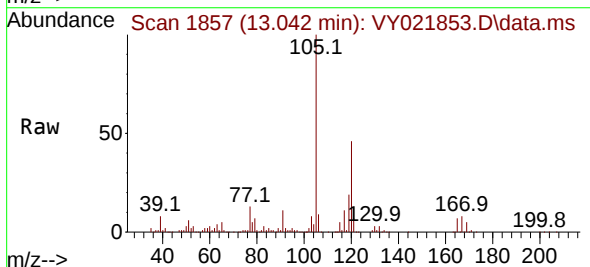
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBSD01

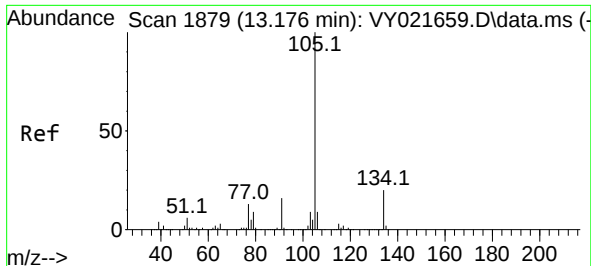
Tgt Ion:119 Resp: 201861
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.6 97.7
 134 26.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.238 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

Tgt Ion:105 Resp: 228682
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1

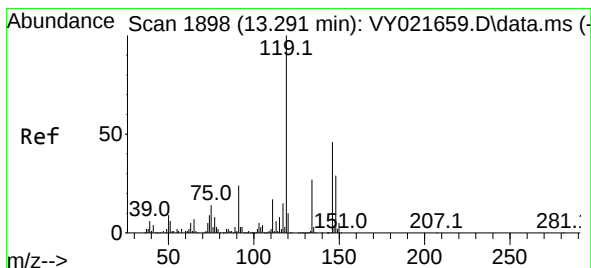
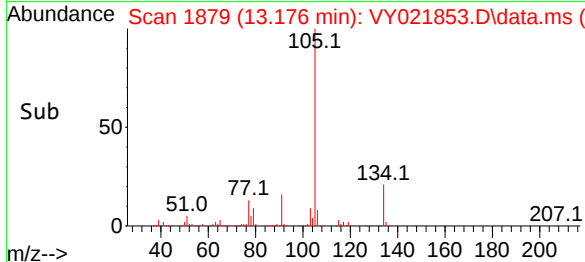
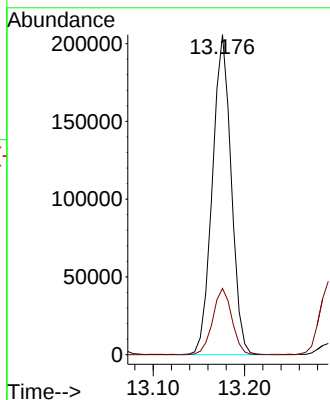
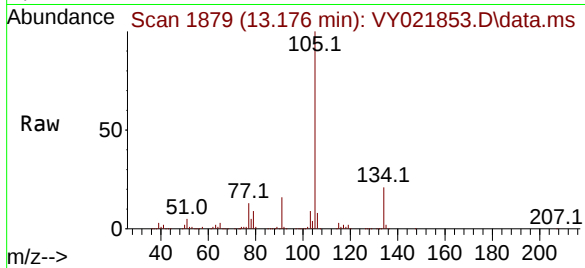




#85
 sec-Butylbenzene
 Concen: 19.814 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

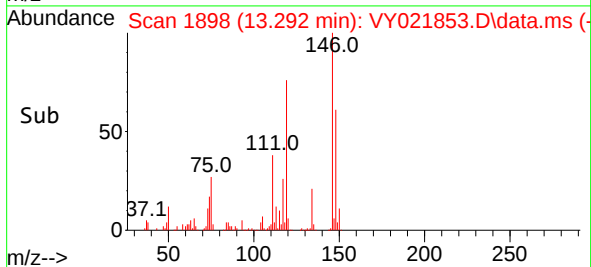
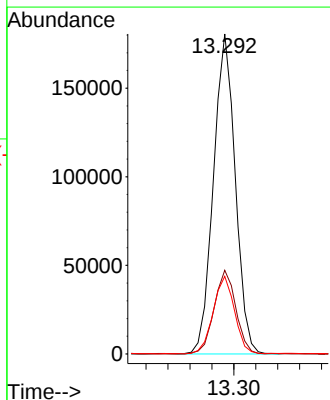
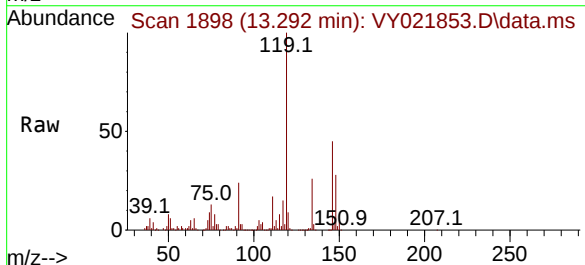
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBSD01

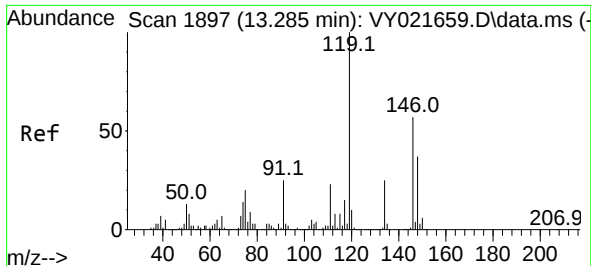
Tgt Ion:105 Resp: 294858
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.311 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021853.D
 Acq: 11 Apr 2025 12:28

Tgt Ion:119 Resp: 249819
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.6 12.0 36.0

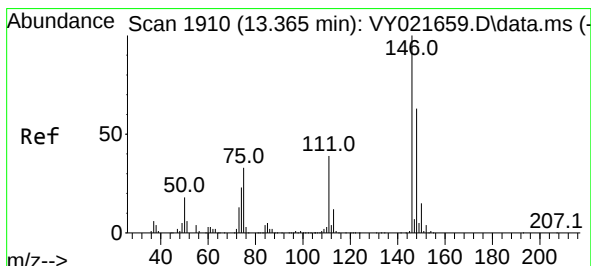
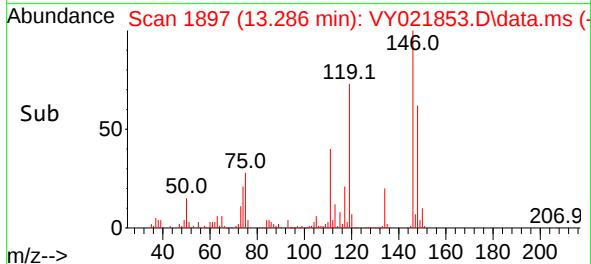
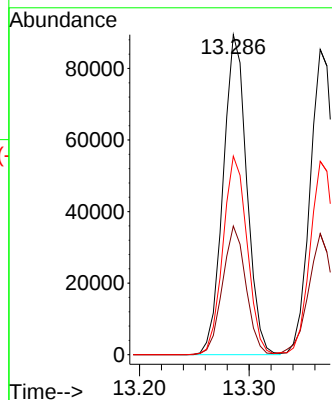
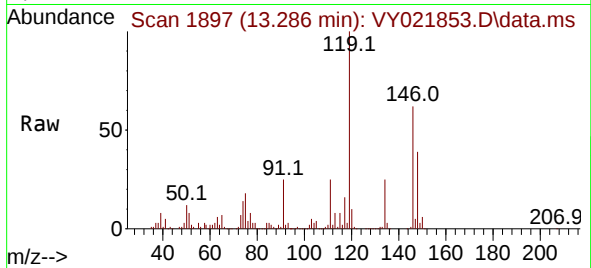




#87
1,3-Dichlorobenzene
Concen: 20.267 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

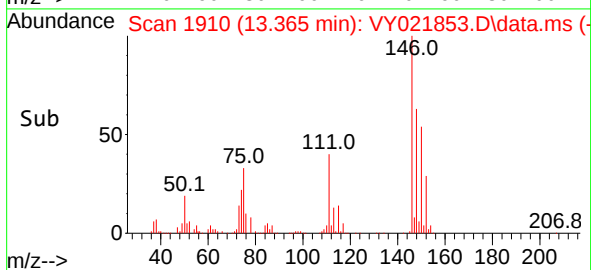
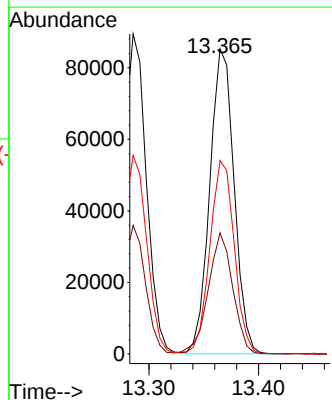
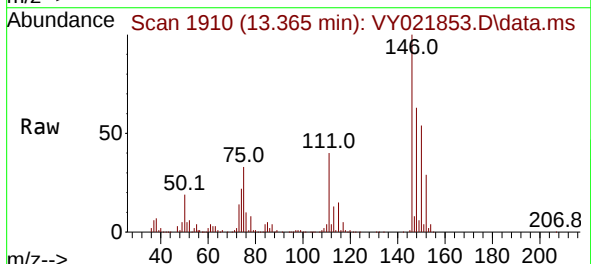
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBSD01

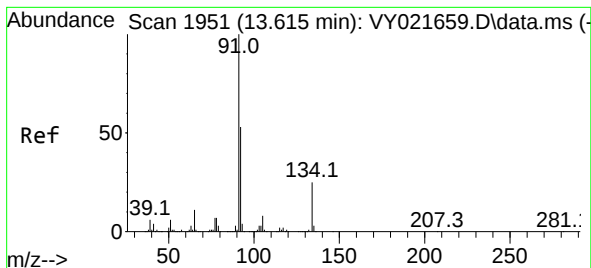
Tgt Ion:146 Resp: 134109
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 63.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.163 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021853.D
Acq: 11 Apr 2025 12:28

Tgt Ion:146 Resp: 131817
Ion Ratio Lower Upper
146 100
111 40.2 19.1 57.1
148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 19.757 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

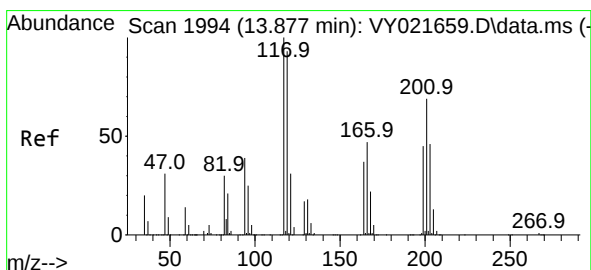
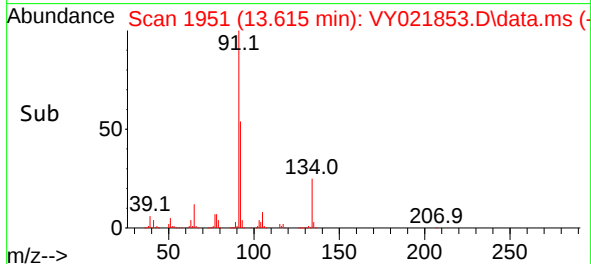
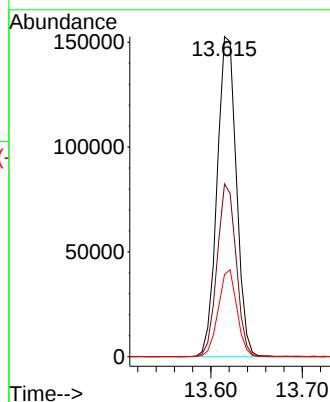
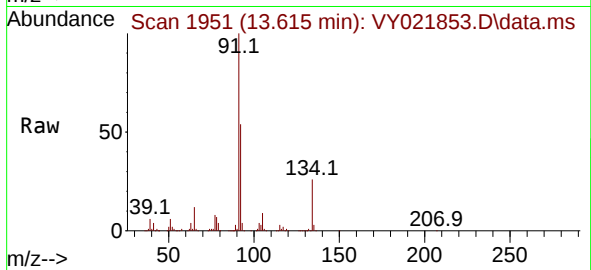
Tgt Ion: 91 Resp: 224734

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 26.2 12.8 38.4



#90

Hexachloroethane

Concen: 19.500 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021853.D

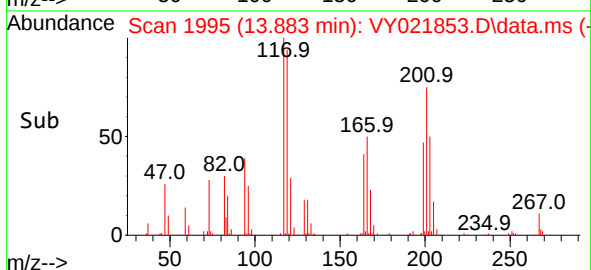
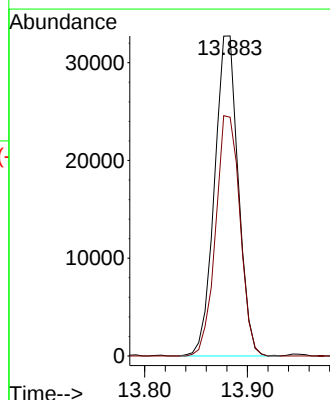
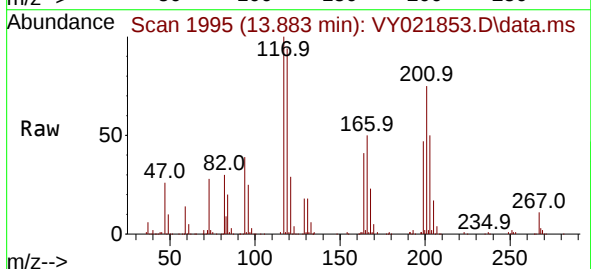
Acq: 11 Apr 2025 12:28

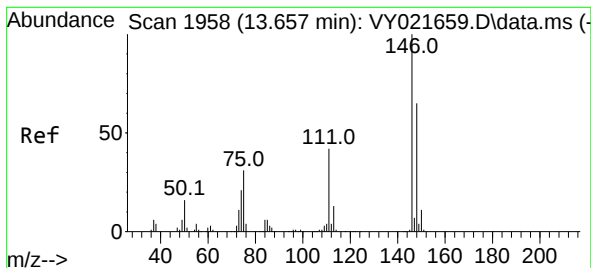
Tgt Ion: 117 Resp: 52557

Ion Ratio Lower Upper

117 100

201 76.7 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 20.089 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

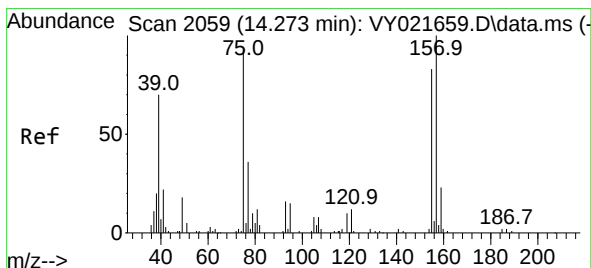
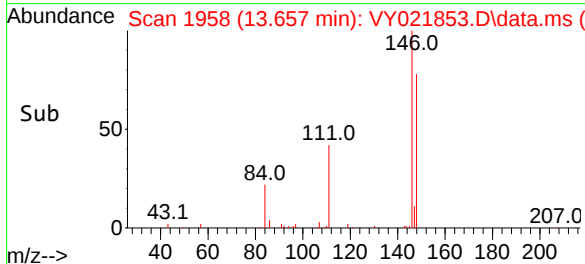
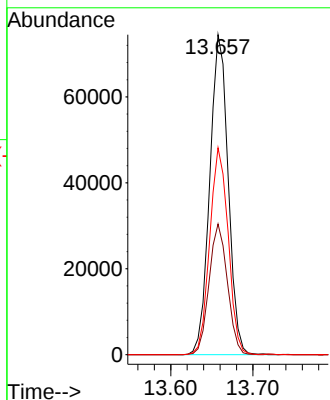
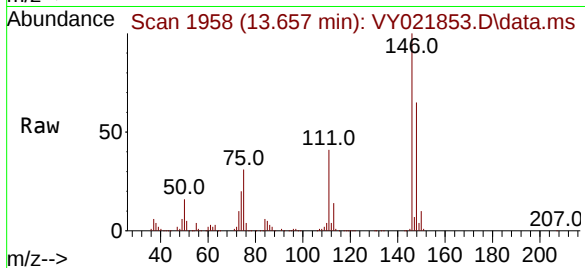
Tgt Ion:146 Resp: 115715

Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

148 64.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.869 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

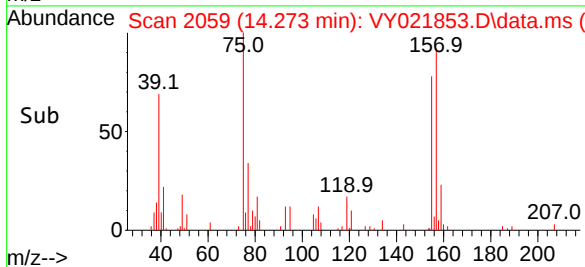
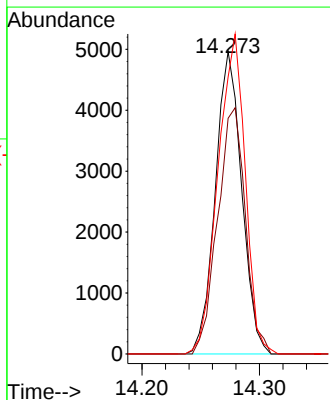
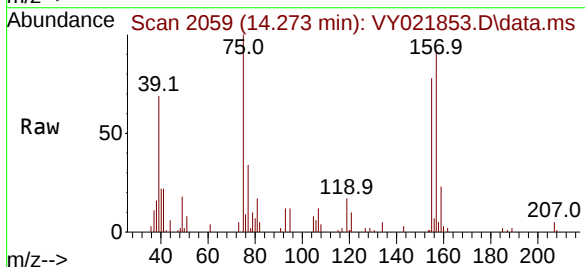
Tgt Ion: 75 Resp: 7745

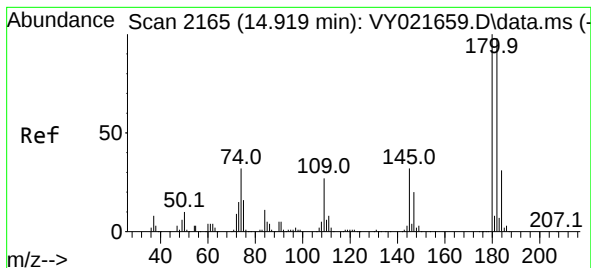
Ion Ratio Lower Upper

75 100

155 85.7 43.0 128.8

157 109.1 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.890 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

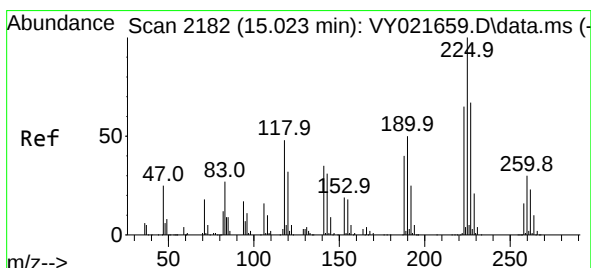
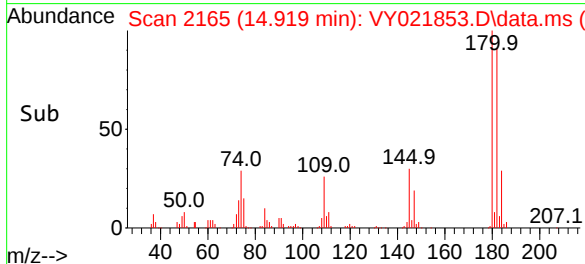
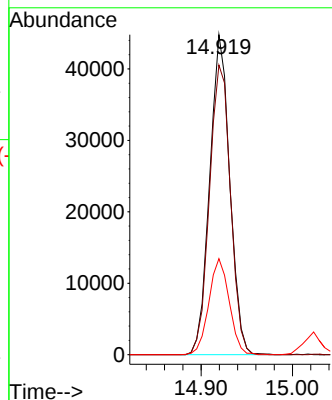
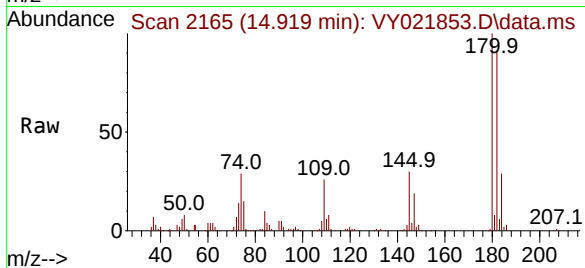
Tgt Ion:180 Resp: 68380

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.6

145 30.4 14.9 44.9



#94

Hexachlorobutadiene

Concen: 22.081 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

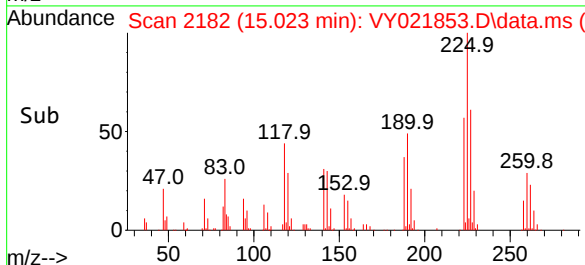
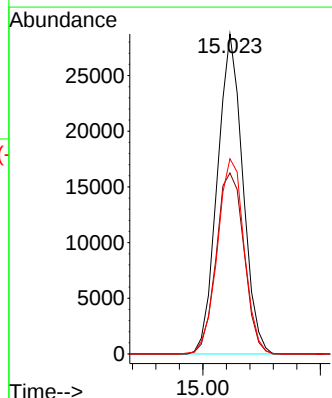
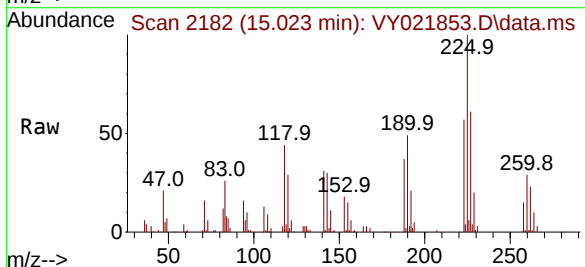
Tgt Ion:225 Resp: 43077

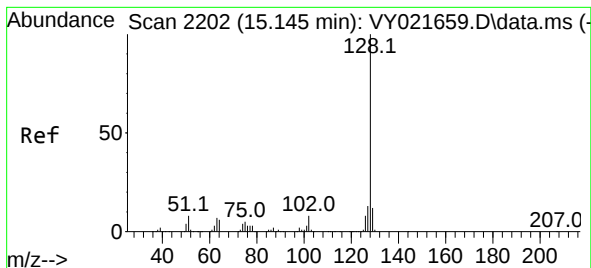
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.7

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 21.627 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBSD01

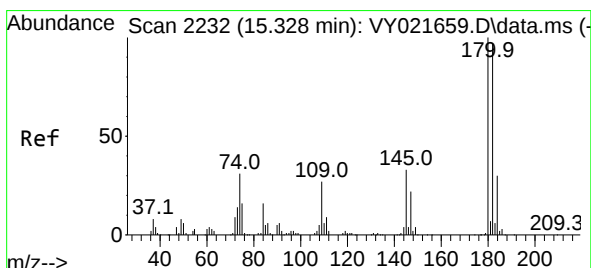
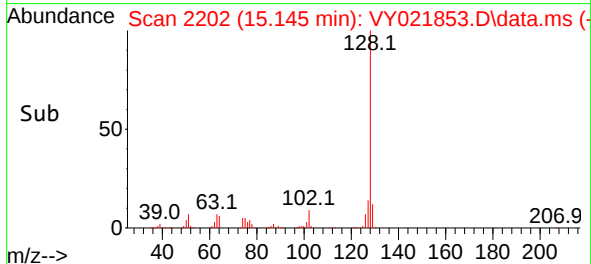
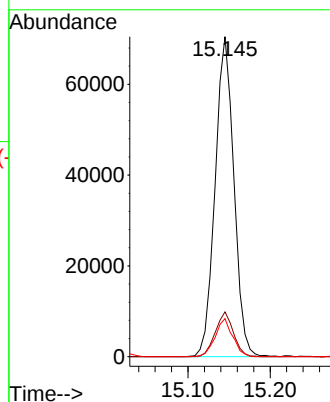
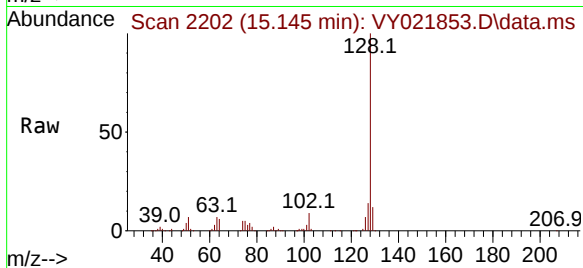
Tgt Ion:128 Resp: 111977

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.460 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021853.D

Acq: 11 Apr 2025 12:28

Tgt Ion:180 Resp: 59827

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.5

145 32.2 15.9 47.7

