

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023114.D
 Acq On : 15 Aug 2025 09:59
 Operator : SY/MD
 Sample : VY0815SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

Quant Time: Aug 18 02:25:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	440097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	718363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	623331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	315352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218582	52.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.220%	
35) Dibromofluoromethane	7.634	113	216052	50.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.103	98	848930	50.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.401	95	263062	48.712	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	76393	21.266	ug/l	99
3) Chloromethane	2.068	50	132852	22.833	ug/l	99
4) Vinyl Chloride	2.202	62	167480	23.286	ug/l	99
5) Bromomethane	2.586	94	136955	25.497	ug/l	99
6) Chloroethane	2.732	64	114091	23.860	ug/l	100
7) Trichlorofluoromethane	3.050	101	194616	22.253	ug/l	99
8) Diethyl Ether	3.452	74	48378	20.909	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	93467	21.663	ug/l	99
10) Methyl Iodide	4.001	142	95118	20.430	ug/l	98
11) Tert butyl alcohol	4.860	59	28033	97.541	ug/l	100
12) 1,1-Dichloroethene	3.781	96	88433	20.852	ug/l	97
13) Acrolein	3.647	56	36366	86.401	ug/l	100
14) Allyl chloride	4.379	41	121986	19.548	ug/l	98
15) Acrylonitrile	5.061	53	94706	100.680	ug/l	99
16) Acetone	3.866	43	99097	109.054	ug/l	97
17) Carbon Disulfide	4.098	76	288100	20.834	ug/l	99
18) Methyl Acetate	4.385	43	57336	21.203	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	222672	20.262	ug/l	99
20) Methylene Chloride	4.610	84	111293	22.050	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	100236	21.032	ug/l	94
22) Diisopropyl ether	6.018	45	280376	20.676	ug/l	97
23) Vinyl Acetate	5.958	43	746169	99.514	ug/l	99
24) 1,1-Dichloroethane	5.915	63	173769	20.960	ug/l	98
25) 2-Butanone	6.890	43	127742	103.362	ug/l	98
26) 2,2-Dichloropropane	6.884	77	150177	20.993	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	113218	20.549	ug/l	100
28) Bromochloromethane	7.244	49	71693	21.797	ug/l	98
29) Tetrahydrofuran	7.256	42	75128	98.070	ug/l	99
30) Chloroform	7.421	83	184733	21.605	ug/l	98
31) Cyclohexane	7.701	56	153728	19.677	ug/l #	93
32) 1,1,1-Trichloroethane	7.616	97	159387	21.009	ug/l	98
36) 1,1-Dichloropropene	7.835	75	130154	20.374	ug/l	99
37) Ethyl Acetate	6.982	43	53108	19.791	ug/l	99
38) Carbon Tetrachloride	7.817	117	142469	20.534	ug/l	100
39) Methylcyclohexane	9.103	83	163971	19.492	ug/l	98
40) Benzene	8.079	78	406307	20.636	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	73286	47.321	ug/l #	46
42) 1,2-Dichloroethane	8.158	62	106851	20.866	ug/l	98
43) Isopropyl Acetate	8.195	43	104154	19.203	ug/l	98
44) Trichloroethene	8.859	130	107257	21.080	ug/l	97
45) 1,2-Dichloropropane	9.140	63	93109	20.553	ug/l	100
46) Dibromomethane	9.231	93	55348	21.286	ug/l	96
47) Bromodichloromethane	9.420	83	138806	20.746	ug/l	97
48) Methyl methacrylate	9.219	41	48220	18.579	ug/l	93
49) 1,4-Dioxane	9.225	88	12812	420.225	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	277745	99.276	ug/l	100
52) Toluene	10.170	92	256278	20.494	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	119229	19.679	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	144778	20.208	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	70888	20.374	ug/l	97
56) Ethyl methacrylate	10.438	69	83239	18.696	ug/l	97
57) 1,3-Dichloropropane	10.713	76	119333	20.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	207784	98.940	ug/l	99
59) 2-Hexanone	10.755	43	190027	99.749	ug/l	97
60) Dibromochloromethane	10.908	129	94653	20.617	ug/l	100
61) 1,2-Dibromoethane	11.011	107	65954	20.168	ug/l	99
64) Tetrachloroethene	10.646	164	126762	22.775	ug/l	99
65) Chlorobenzene	11.438	112	283100	21.056	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	94430	20.694	ug/l	98
67) Ethyl Benzene	11.518	91	466536	20.163	ug/l	99
68) m/p-Xylenes	11.627	106	371794	41.142	ug/l	97
69) o-Xylene	11.950	106	170235	20.113	ug/l	100
70) Styrene	11.963	104	283934	20.513	ug/l	99
71) Bromoform	12.127	173	52702	19.761	ug/l #	98
73) Isopropylbenzene	12.249	105	431158	19.372	ug/l	100
74) N-amyl acetate	12.066	43	89546	18.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	72067	18.963	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	102127	33.556	ug/l #	100
77) Bromobenzene	12.530	156	104717	19.721	ug/l	99
78) n-propylbenzene	12.590	91	536311	20.239	ug/l	99
79) 2-Chlorotoluene	12.676	91	300425	19.787	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	355894	19.785	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	23540	18.723	ug/l	94
82) 4-Chlorotoluene	12.773	91	318860	20.245	ug/l	100
83) tert-Butylbenzene	12.993	119	307259	18.913	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	355479	19.852	ug/l	99
85) sec-Butylbenzene	13.170	105	469710	19.682	ug/l	100
86) p-Isopropyltoluene	13.285	119	390935	19.735	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	210704	20.122	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	206023	19.834	ug/l	99
89) n-Butylbenzene	13.615	91	358048	19.679	ug/l	98
90) Hexachloroethane	13.877	117	81804	20.172	ug/l	97
91) 1,2-Dichlorobenzene	13.651	146	181214	19.733	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11846	20.020	ug/l	94
93) 1,2,4-Trichlorobenzene	14.913	180	100490	18.504	ug/l	97
94) Hexachlorobutadiene	15.017	225	59682	18.702	ug/l	97
95) Naphthalene	15.139	128	167894	18.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	86969	18.585	ug/l	99

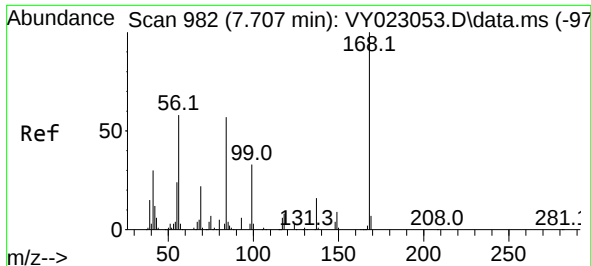
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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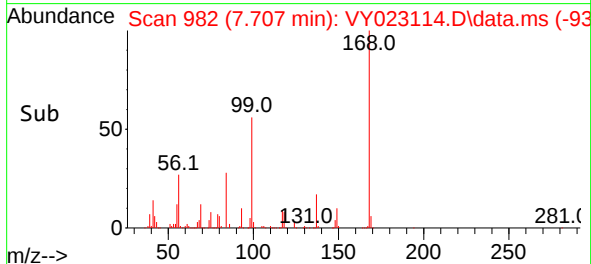
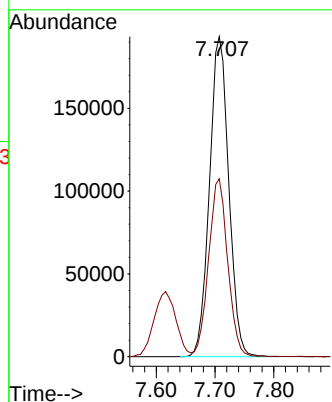
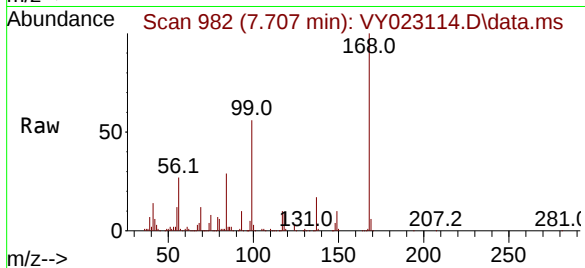
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023114.D
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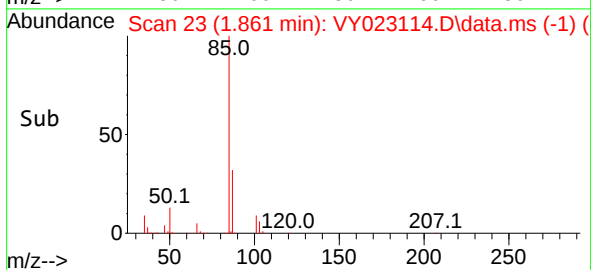
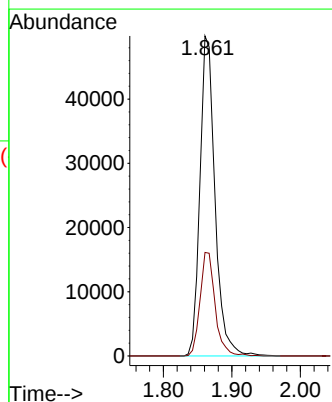
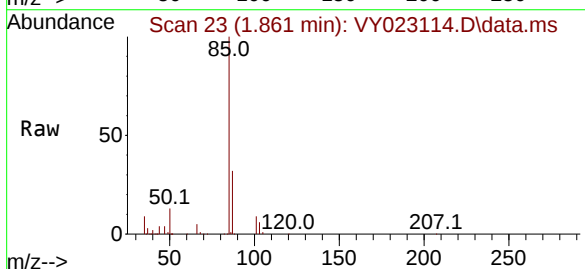
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBSD01

Tgt Ion:168 Resp: 440097
Ion Ratio Lower Upper
168 100
99 55.5 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.266 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 85 Resp: 76393
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8

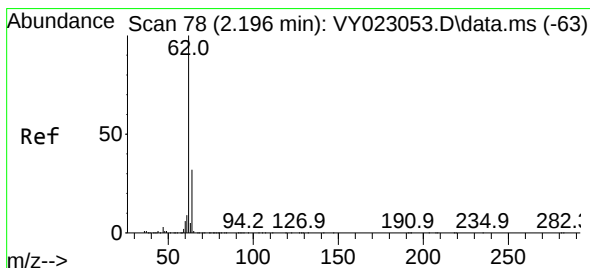
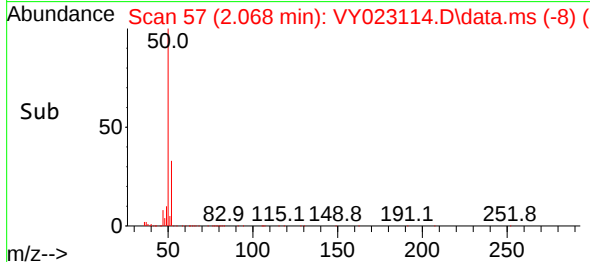
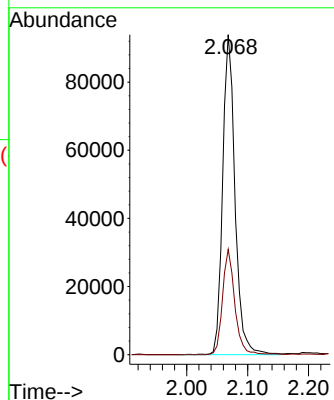
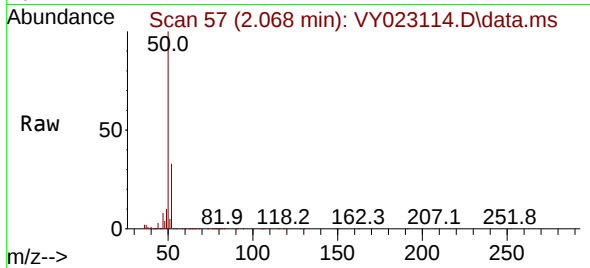




#3
Chloromethane
Concen: 22.833 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

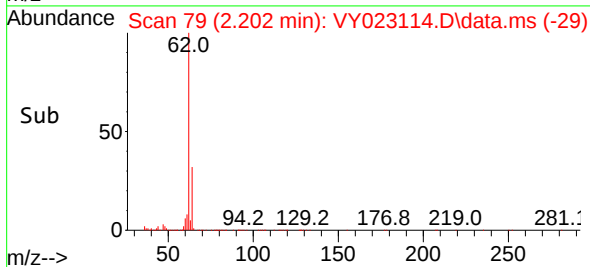
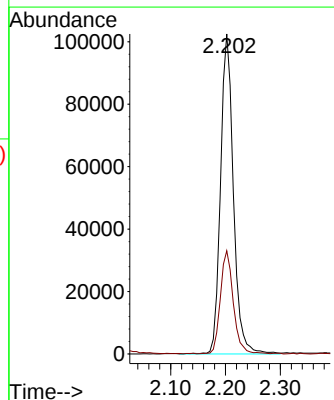
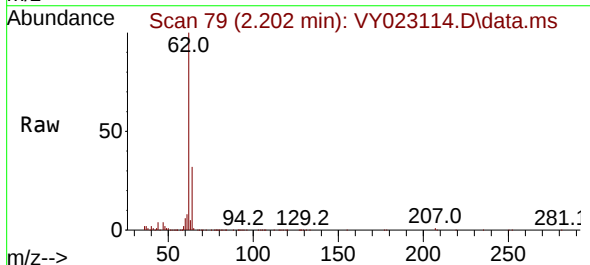
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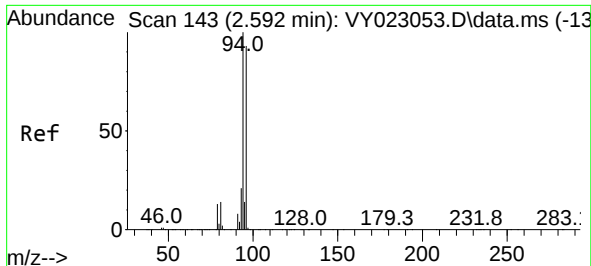
Tgt Ion: 50 Resp: 132852
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 23.286 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 62 Resp: 167480
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

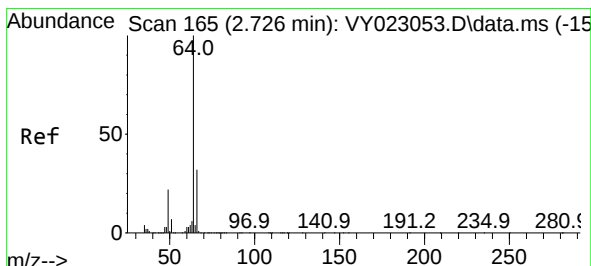
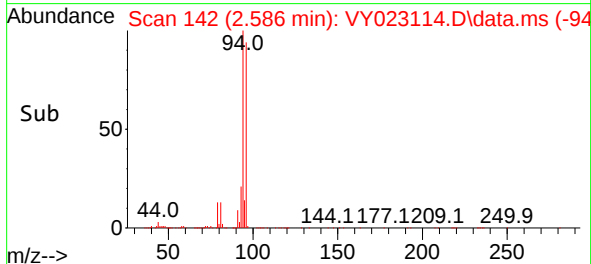
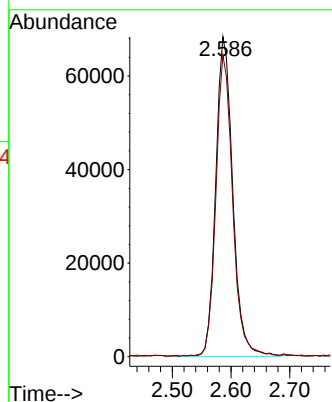
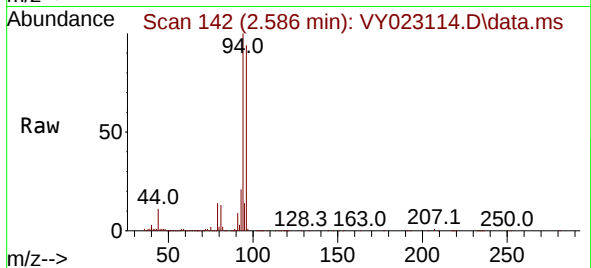




#5
Bromomethane
Concen: 25.497 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

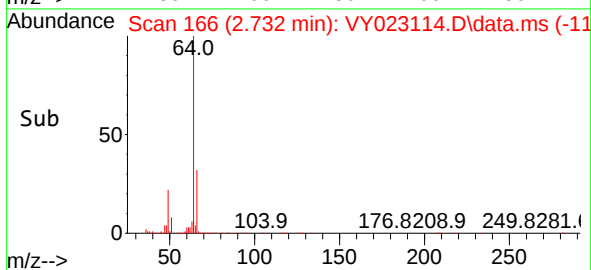
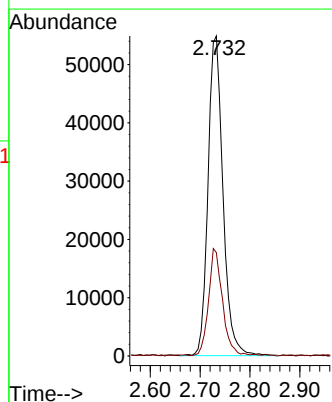
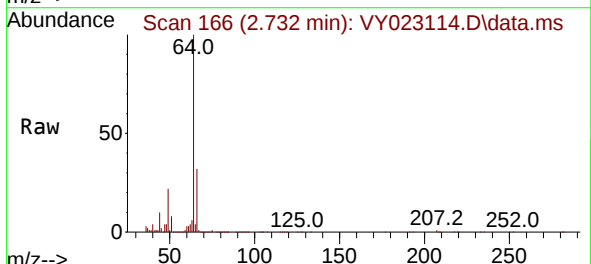
Instrument :
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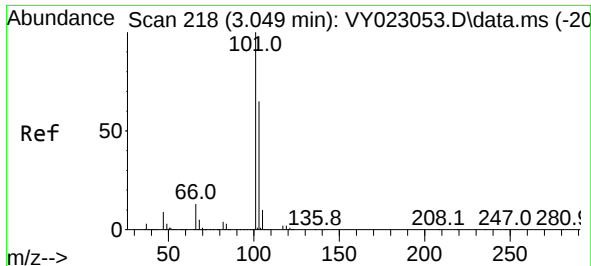
Tgt Ion: 94 Resp: 136955
Ion Ratio Lower Upper
94 100
96 94.1 74.6 112.0



#6
Chloroethane
Concen: 23.860 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 64 Resp: 114091
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

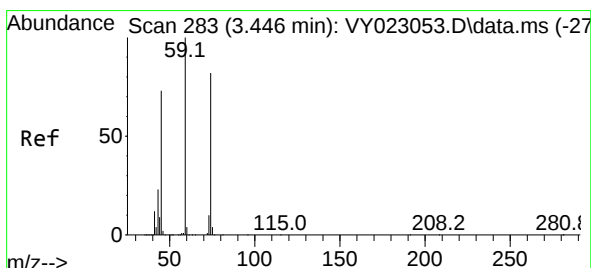
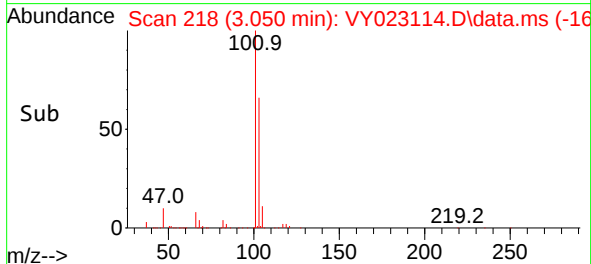
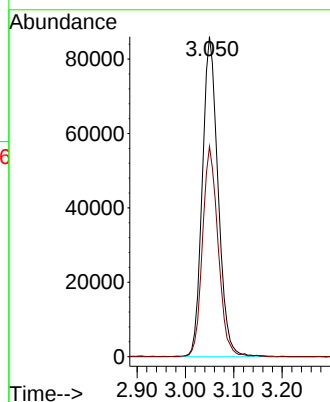
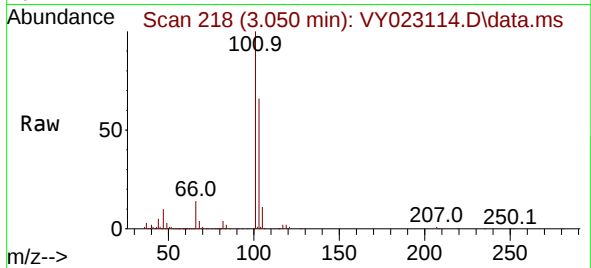




#7
 Trichlorofluoromethane
 Concen: 22.253 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

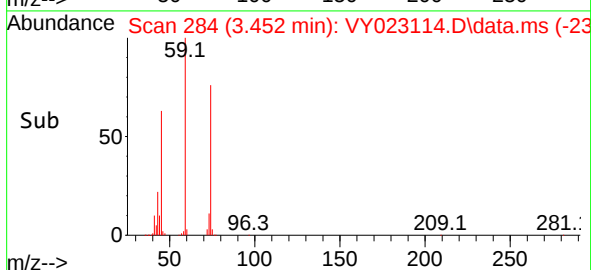
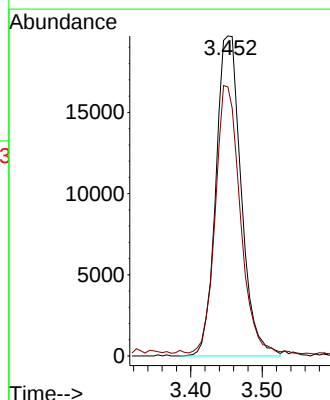
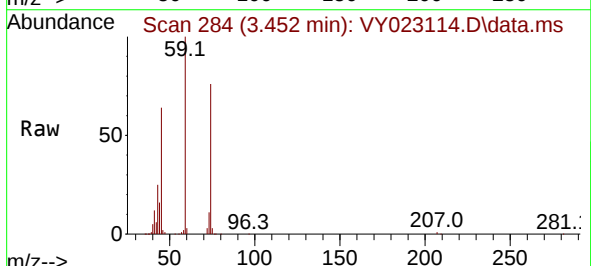
Instrument :
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Tgt Ion:101 Resp: 194616
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.909 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

Tgt Ion: 74 Resp: 48378
 Ion Ratio Lower Upper
 74 100
 45 83.2 44.4 133.2

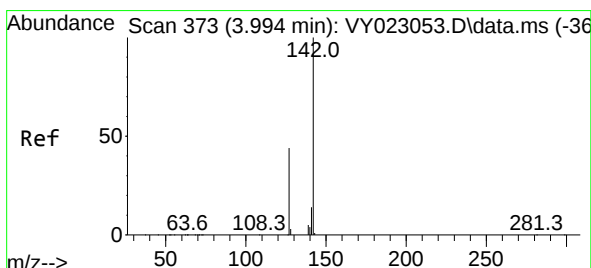
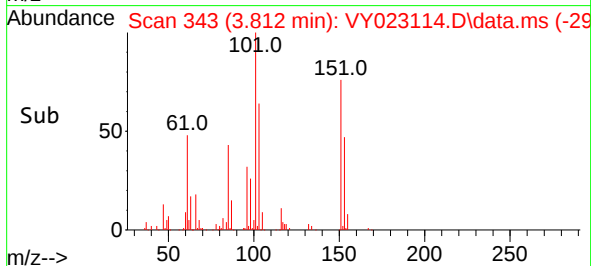
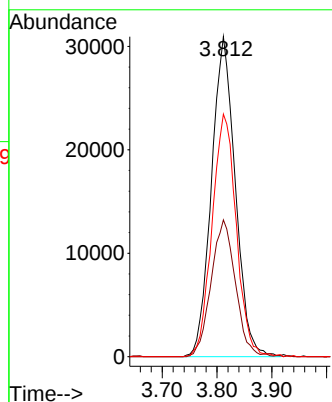
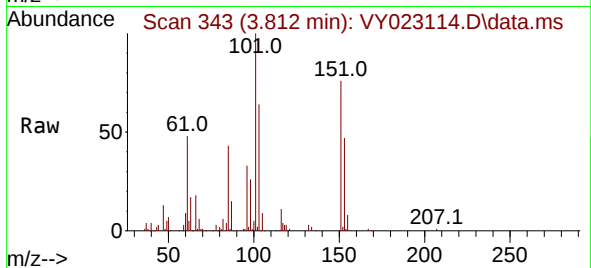




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.663 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023114.D
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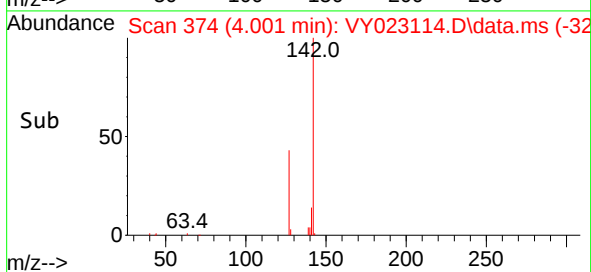
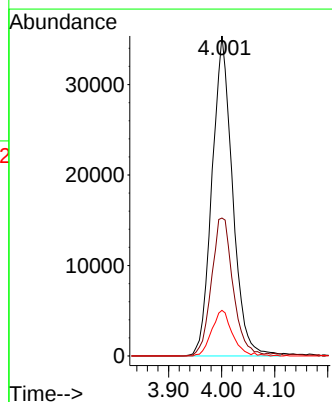
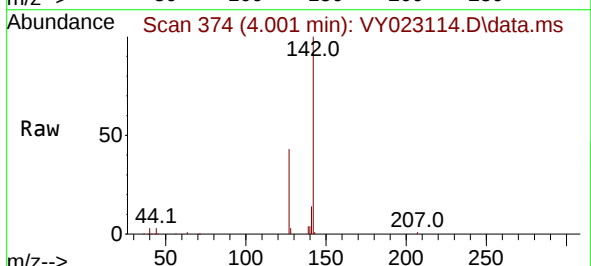
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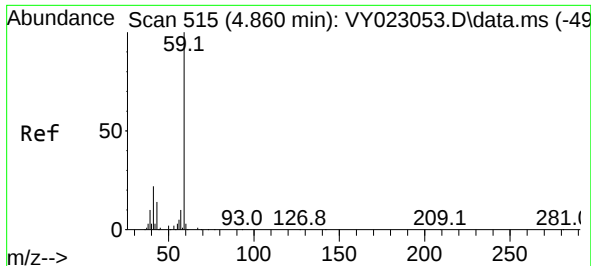
Tgt Ion:101 Resp: 93467
Ion Ratio Lower Upper
101 100
85 43.4 36.3 54.5
151 76.9 61.5 92.3



#10
Methyl Iodide
Concen: 20.430 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion:142 Resp: 95118
Ion Ratio Lower Upper
142 100
127 45.4 34.9 52.3
141 14.4 11.3 16.9

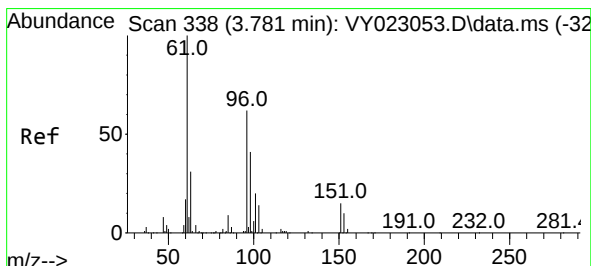
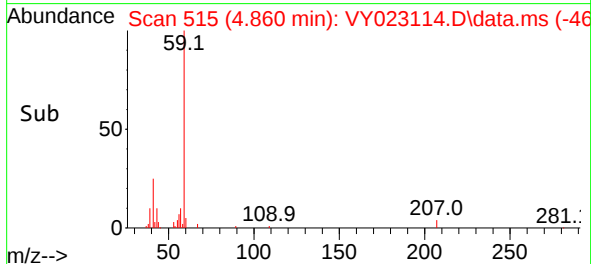
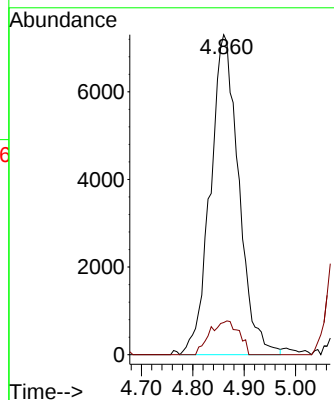
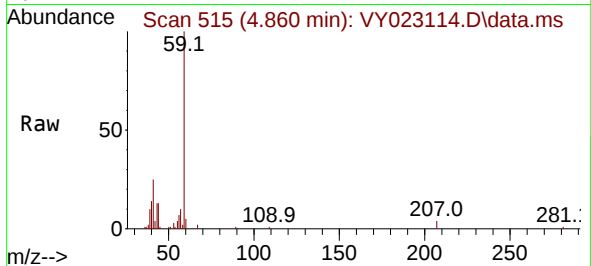




#11
Tert butyl alcohol
Concen: 97.541 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

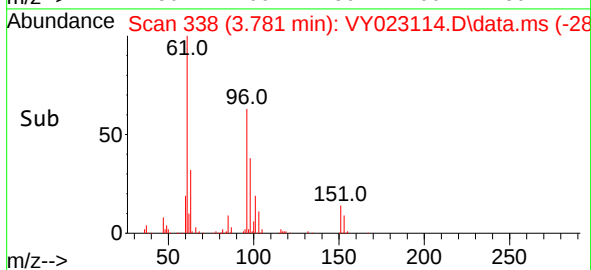
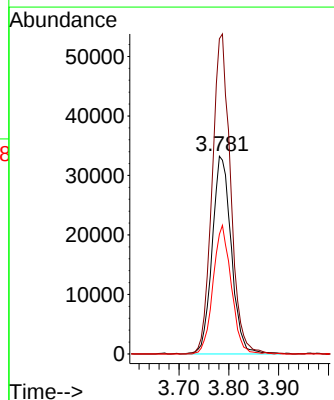
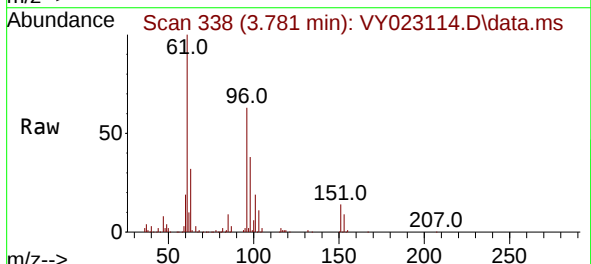
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

Tgt Ion: 59 Resp: 28033
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 20.852 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 96 Resp: 88433
Ion Ratio Lower Upper
96 100
61 159.4 129.4 194.2
98 60.5 52.8 79.2

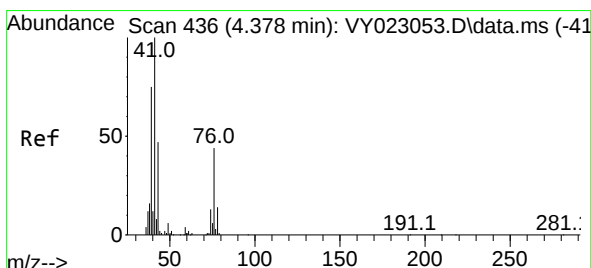
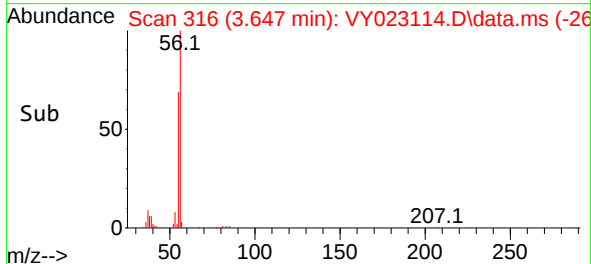
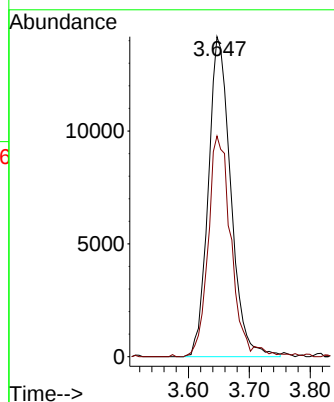
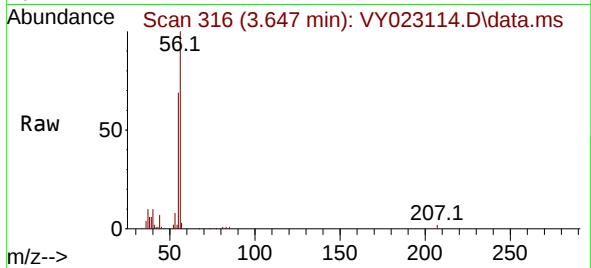




#13
Acrolein
Concen: 86.401 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

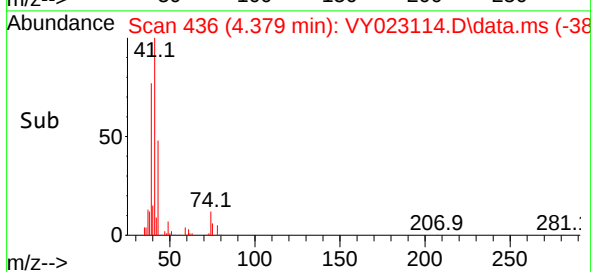
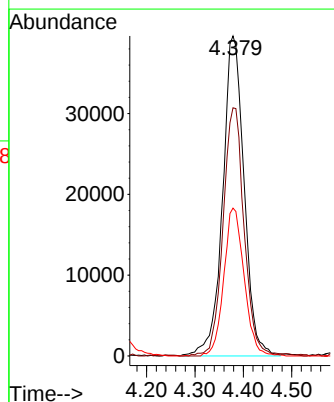
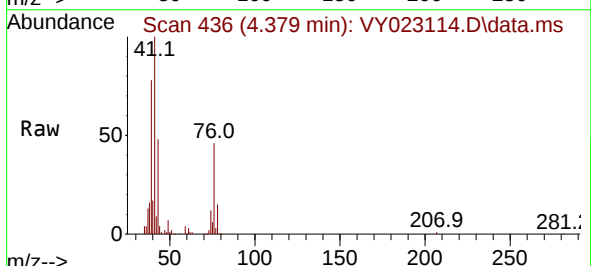
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

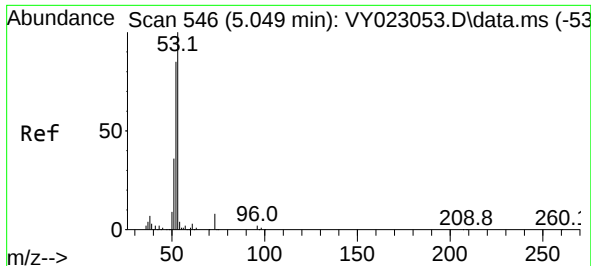
Tgt Ion: 56 Resp: 36366
Ion Ratio Lower Upper
56 100
55 69.1 55.2 82.8



#14
Allyl chloride
Concen: 19.548 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 41 Resp: 121986
Ion Ratio Lower Upper
41 100
39 76.4 59.8 89.6
76 43.8 33.7 50.5

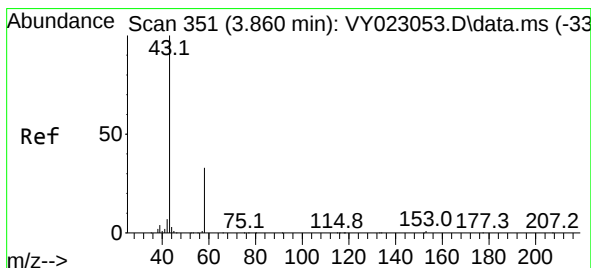
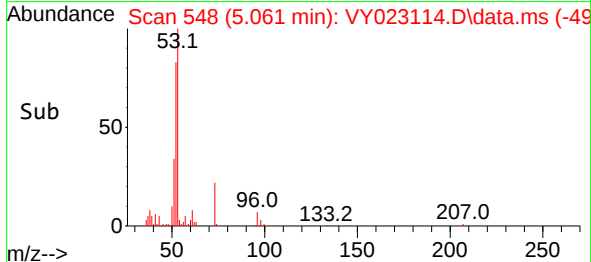
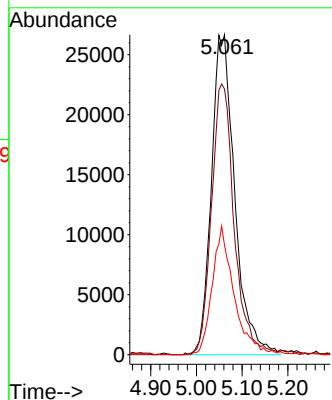
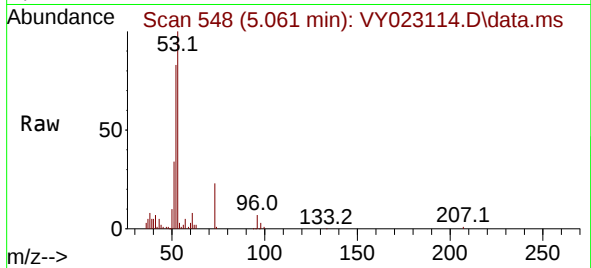




#15
Acrylonitrile
Concen: 100.680 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

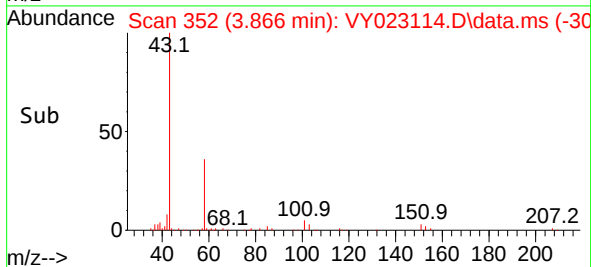
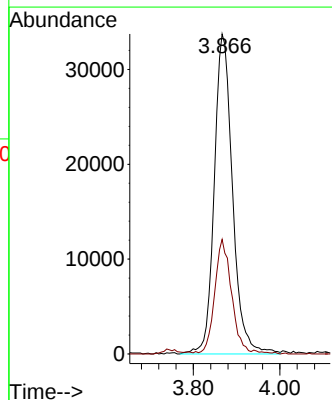
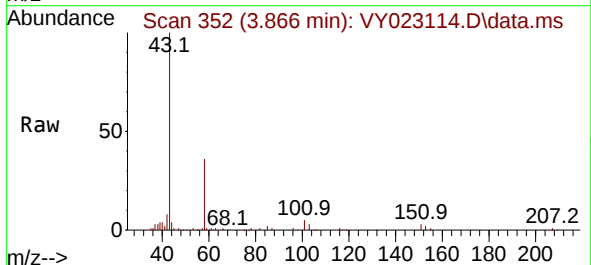
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

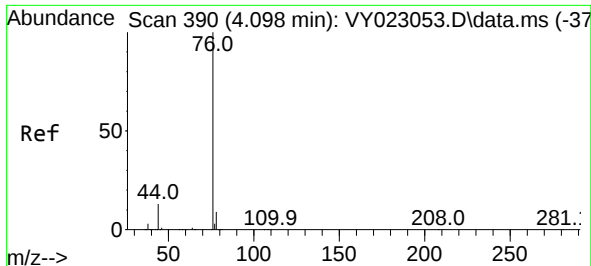
Tgt Ion: 53	Resp: 94706
Ion Ratio	Lower Upper
53 100	
52 82.1	65.3 97.9
51 37.4	29.5 44.3



#16
Acetone
Concen: 109.054 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 43	Resp: 99097
Ion Ratio	Lower Upper
43 100	
58 35.8	27.1 40.7

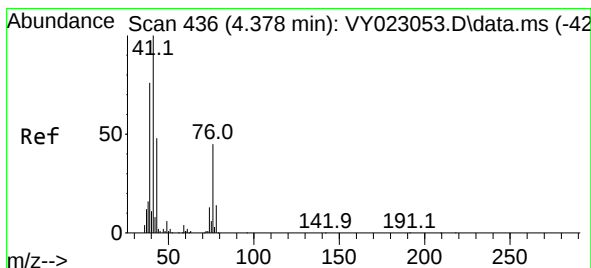
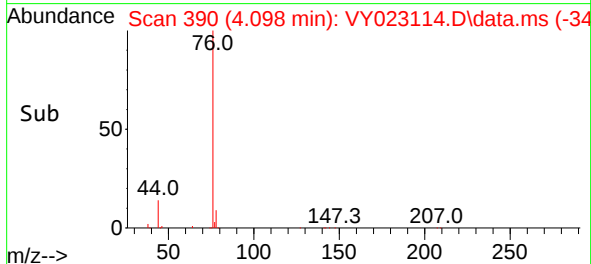
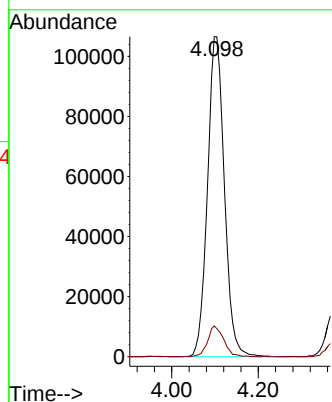
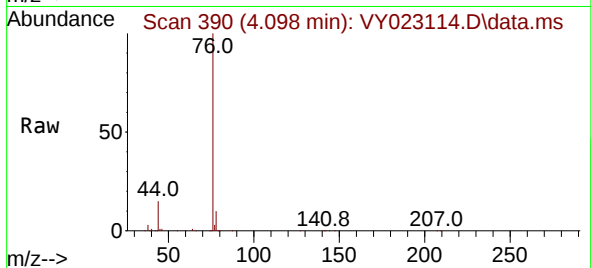




#17
Carbon Disulfide
Concen: 20.834 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

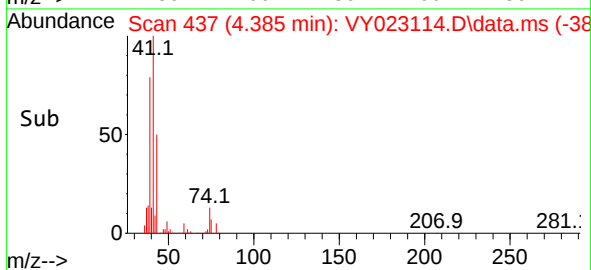
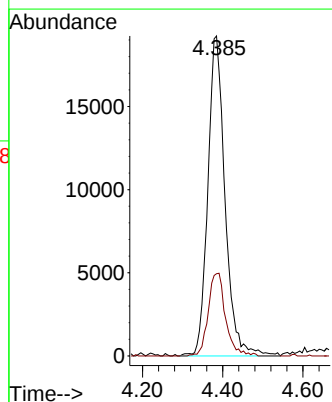
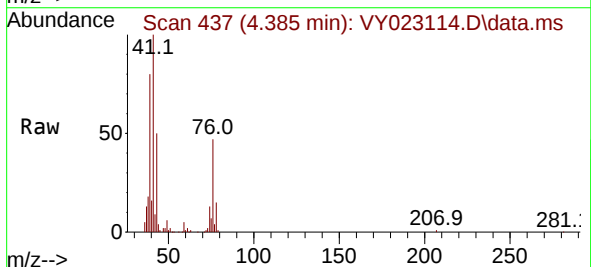
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

Tgt Ion: 76 Resp: 288100
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 21.203 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 43 Resp: 57336
Ion Ratio Lower Upper
43 100
74 26.1 21.2 31.8

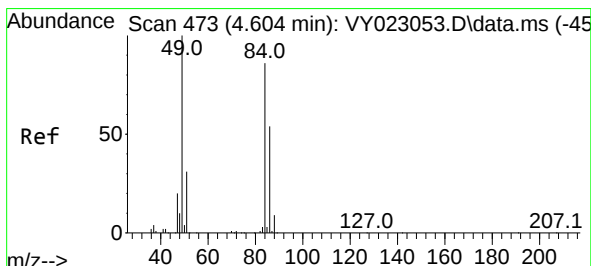
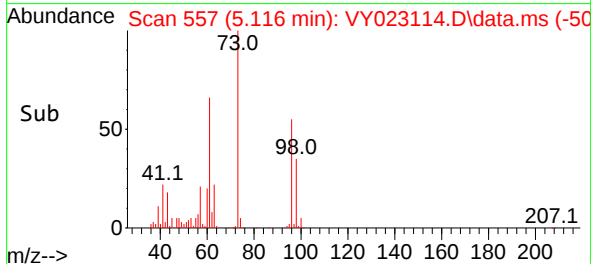
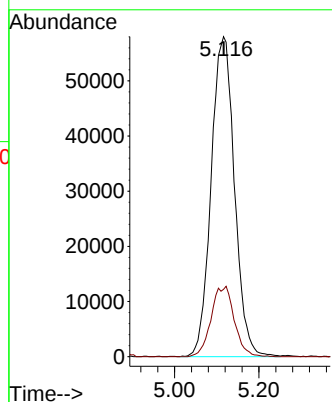
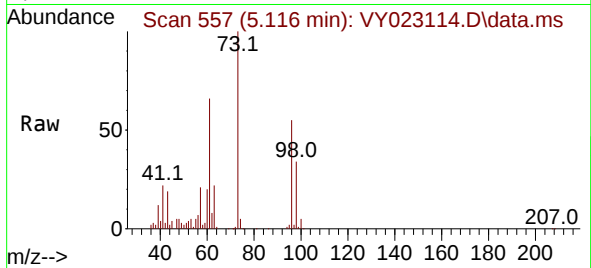




#19
Methyl tert-butyl Ether
Concen: 20.262 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

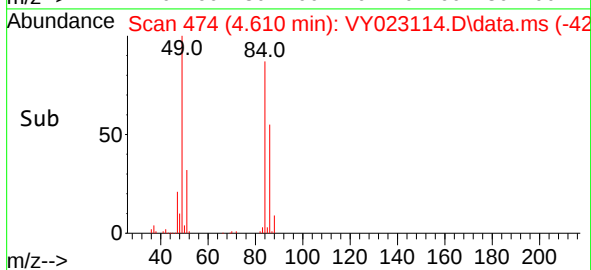
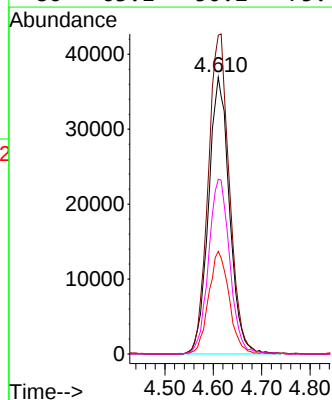
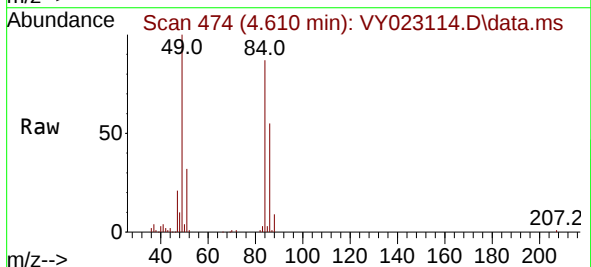
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

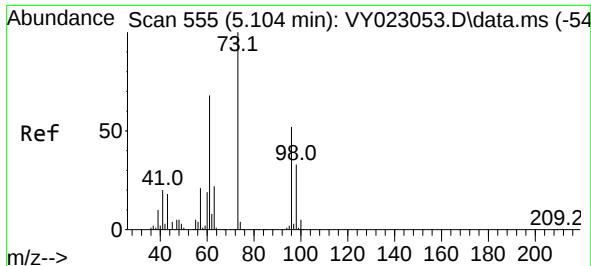
Tgt Ion: 73 Resp: 222672
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7



#20
Methylene Chloride
Concen: 22.050 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 84 Resp: 111293
Ion Ratio Lower Upper
84 100
49 115.2 93.0 139.6
51 36.8 29.0 43.4
86 63.1 50.2 75.4

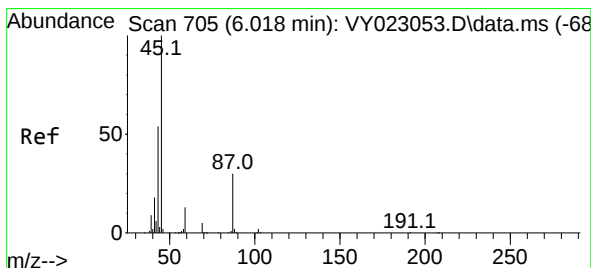
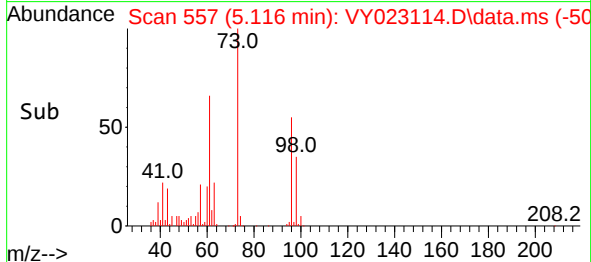
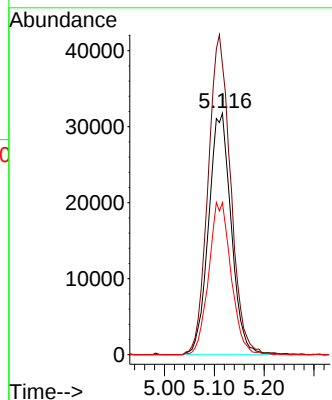
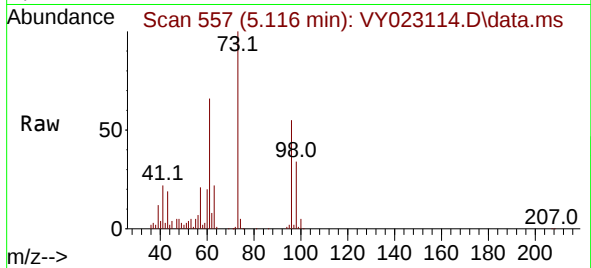




#21
trans-1,2-Dichloroethene
Concen: 21.032 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

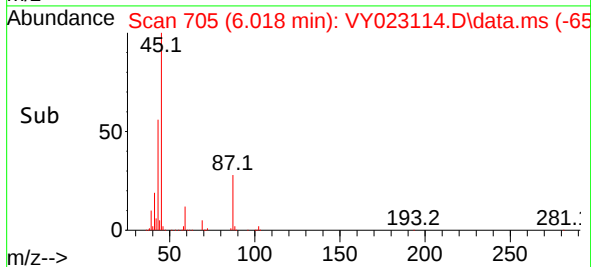
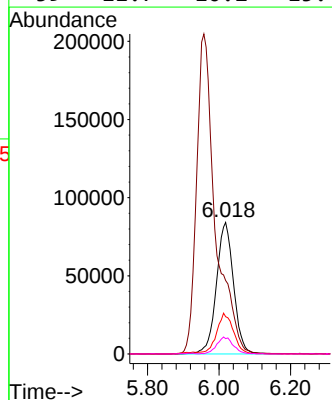
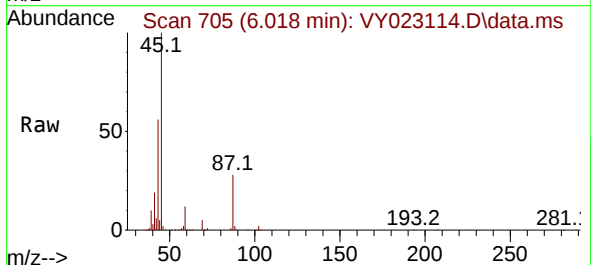
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

Tgt Ion: 96 Resp: 100236
Ion Ratio Lower Upper
96 100
61 120.1 104.8 157.2
98 62.9 50.1 75.1



#22
Diisopropyl ether
Concen: 20.676 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 45 Resp: 280376
Ion Ratio Lower Upper
45 100
43 55.5 43.4 65.0
87 28.4 24.4 36.6
59 11.7 10.2 15.4

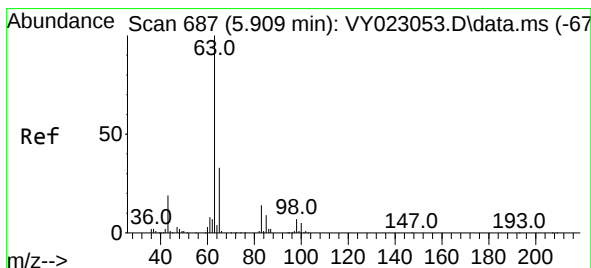
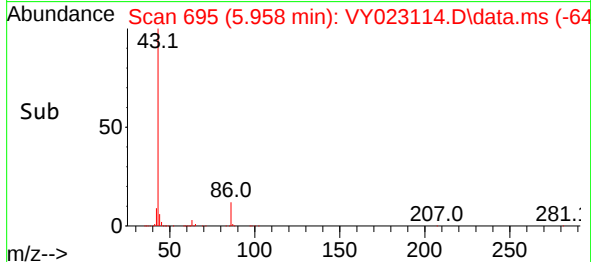
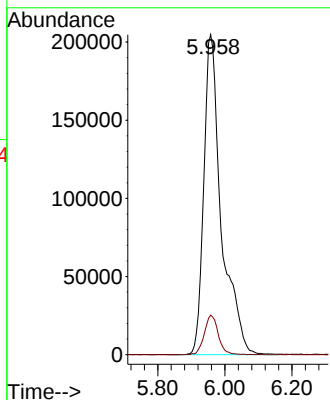
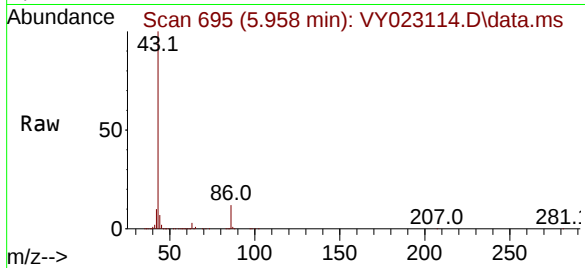




#23
 Vinyl Acetate
 Concen: 99.514 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

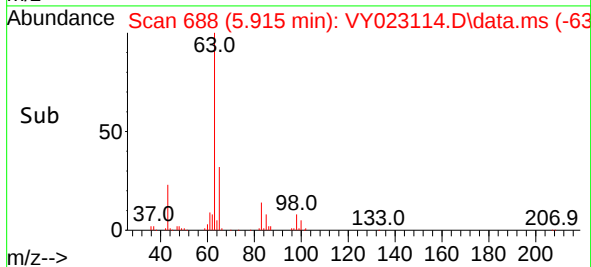
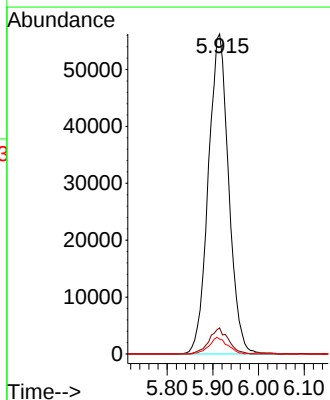
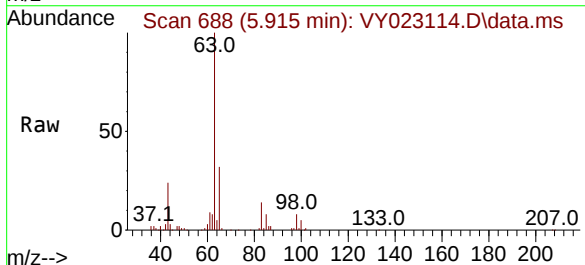
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

Tgt Ion: 43 Resp: 746169
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.960 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

Tgt Ion: 63 Resp: 173769
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 103.362 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

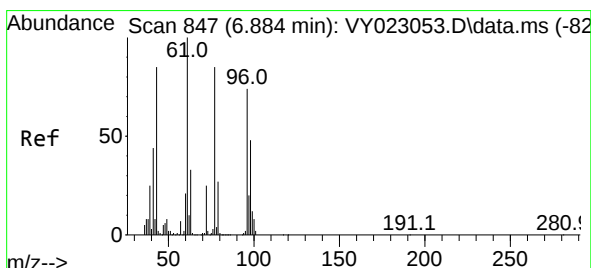
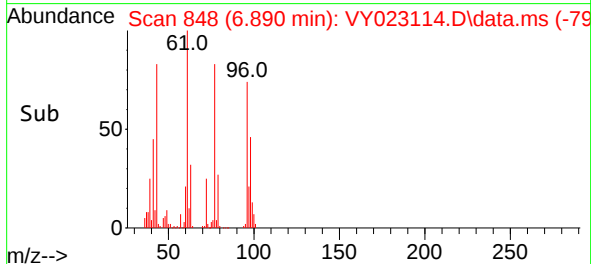
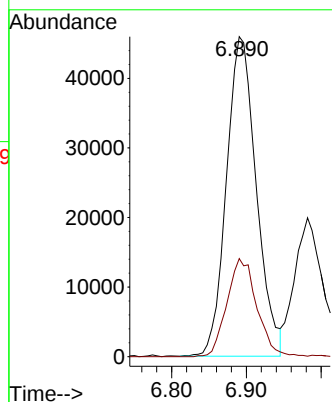
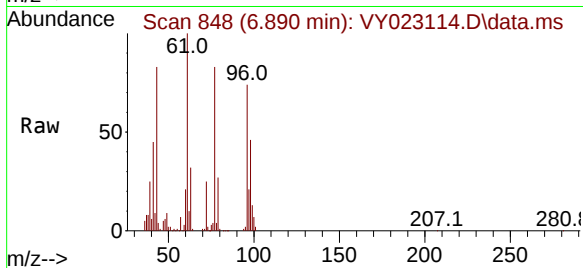
VY0815SBS01

Tgt Ion: 43 Resp: 127742

Ion Ratio Lower Upper

43 100

72 30.7 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.993 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023114.D

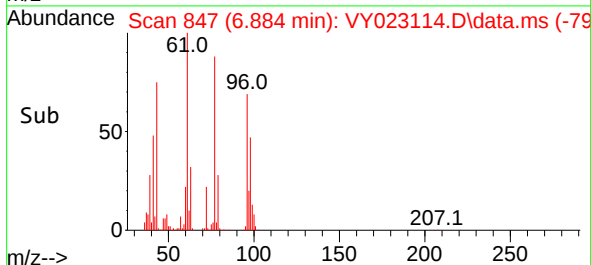
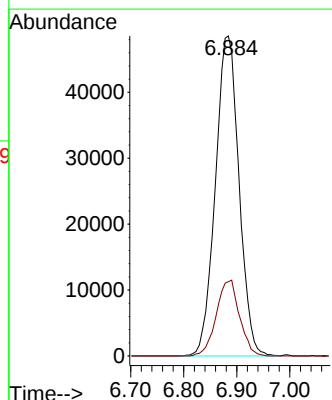
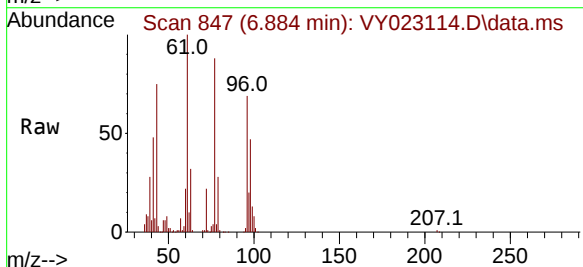
Acq: 15 Aug 2025 09:59

Tgt Ion: 77 Resp: 150177

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.549 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

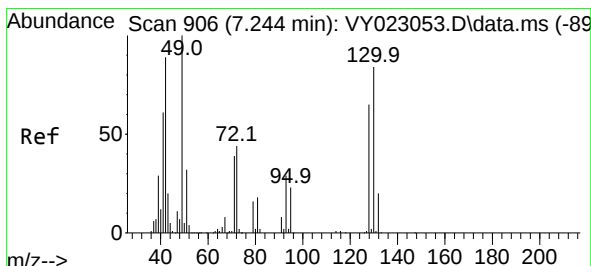
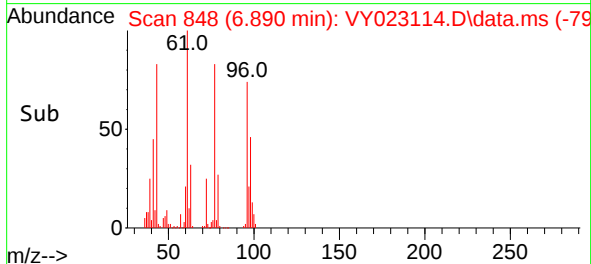
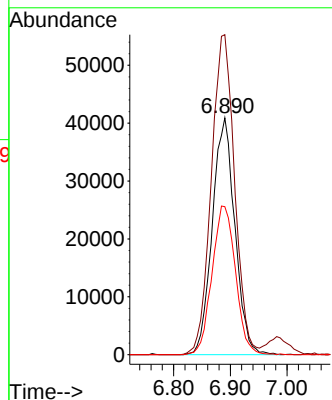
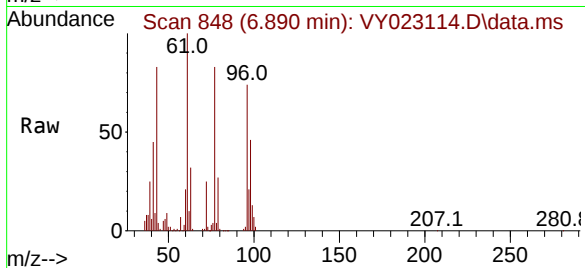
Tgt Ion: 96 Resp: 113218

Ion Ratio Lower Upper

96 100

61 139.5 0.0 278.6

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 21.797 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

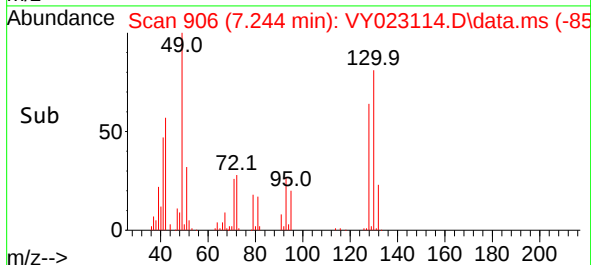
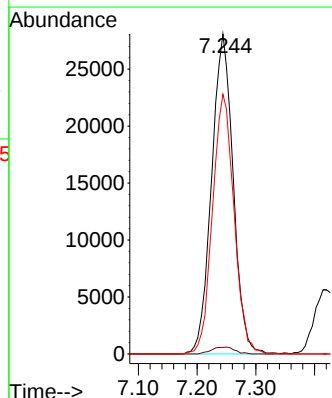
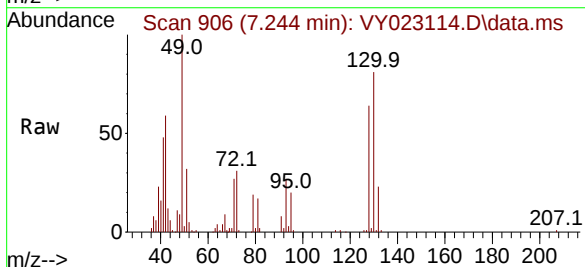
Tgt Ion: 49 Resp: 71693

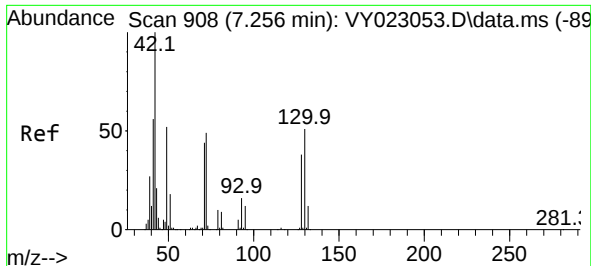
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 80.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 98.070 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

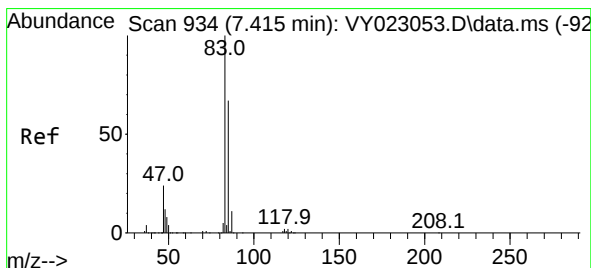
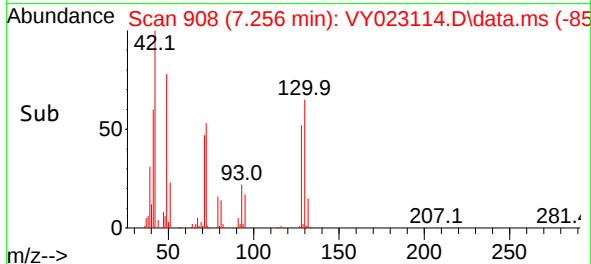
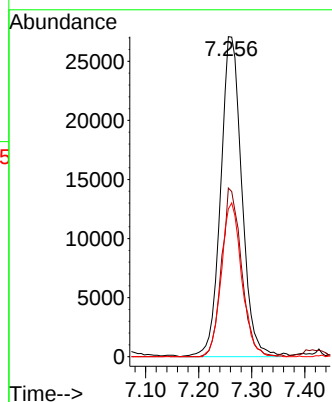
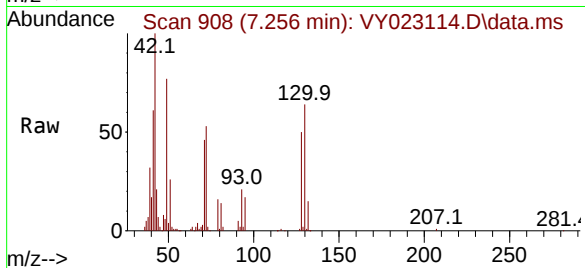
Tgt Ion: 42 Resp: 75128

Ion Ratio Lower Upper

42 100

72 49.6 39.4 59.2

71 46.5 36.5 54.7



#30

Chloroform

Concen: 21.605 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023114.D

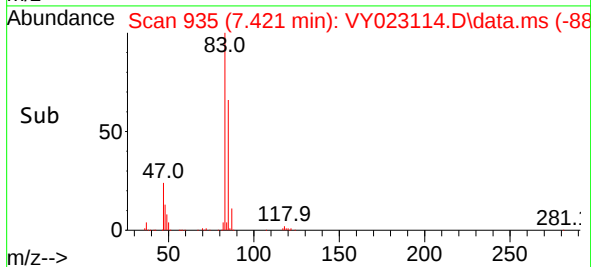
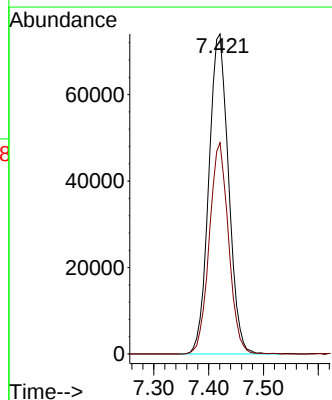
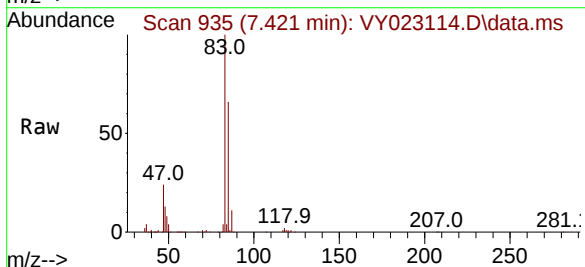
Acq: 15 Aug 2025 09:59

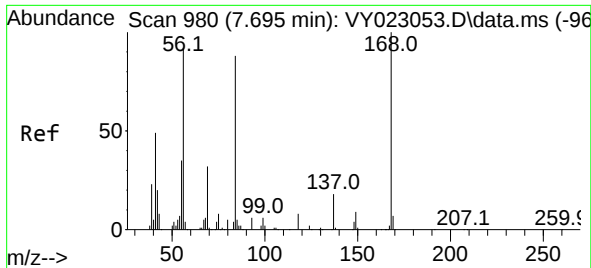
Tgt Ion: 83 Resp: 184733

Ion Ratio Lower Upper

83 100

85 66.0 53.8 80.8

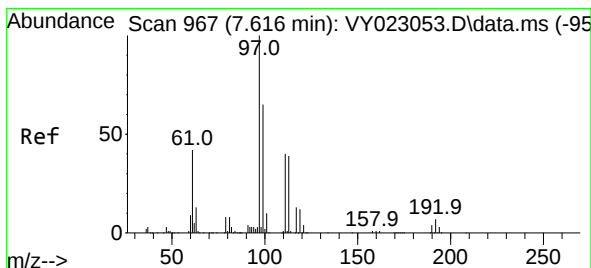
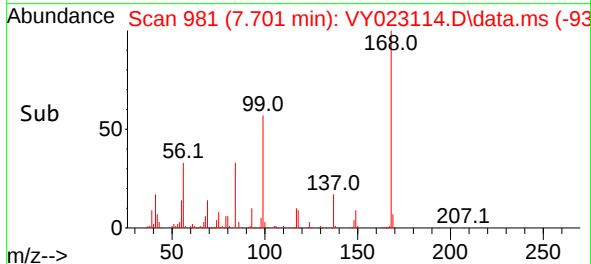
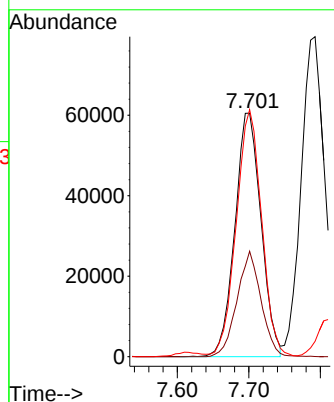
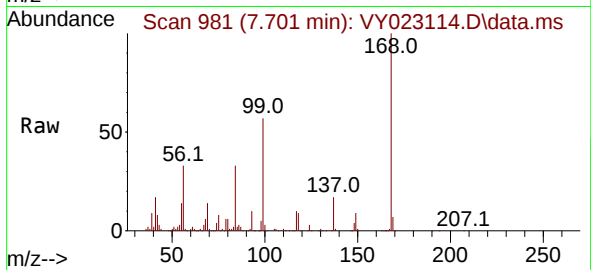




#31
Cyclohexane
Concen: 19.677 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

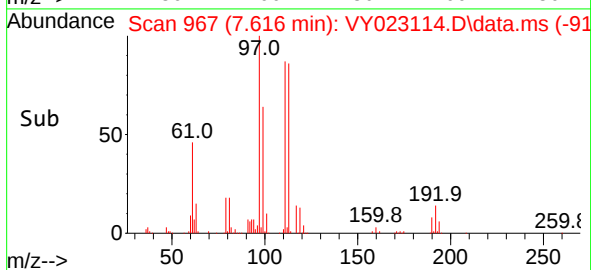
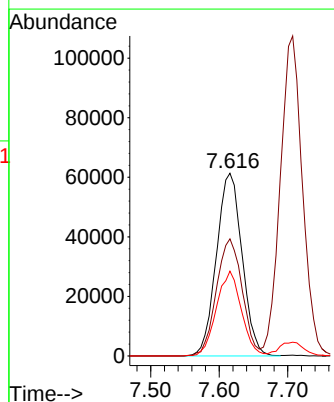
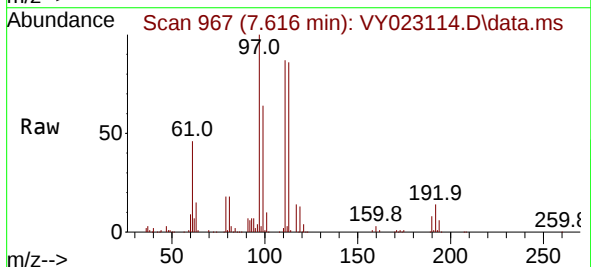
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBSD01

Tgt Ion: 56 Resp: 153728
Ion Ratio Lower Upper
56 100
69 43.3 28.2 42.2#
84 100.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.009 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 97 Resp: 159387
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 45.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 52.112 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

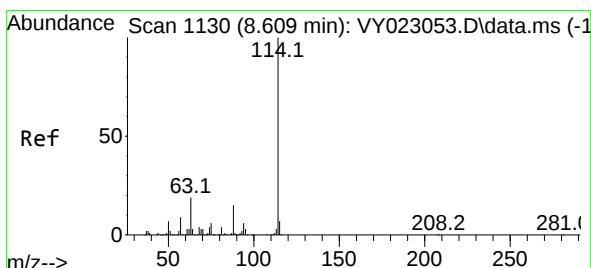
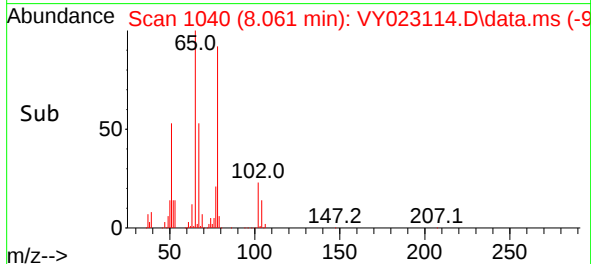
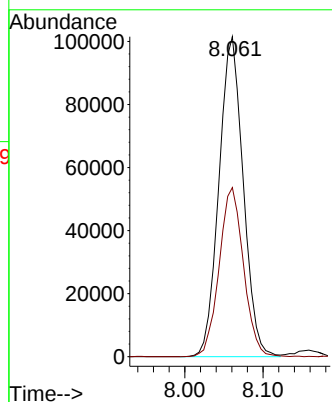
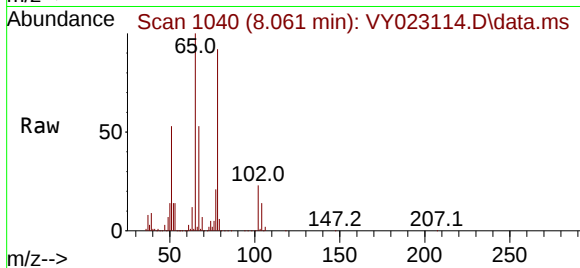
VY0815SBS01

Tgt Ion: 65 Resp: 218582

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

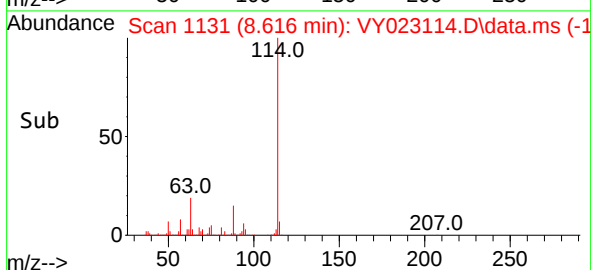
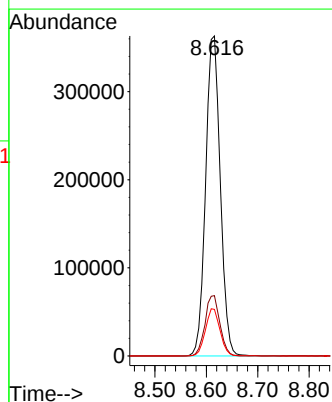
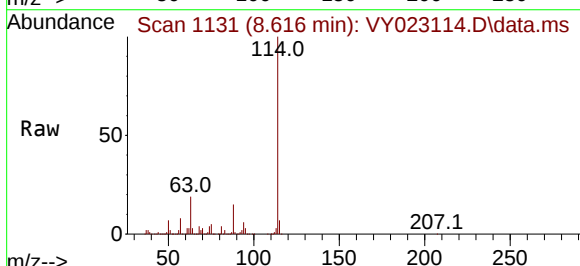
Tgt Ion: 114 Resp: 718363

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 14.6 0.0 30.0

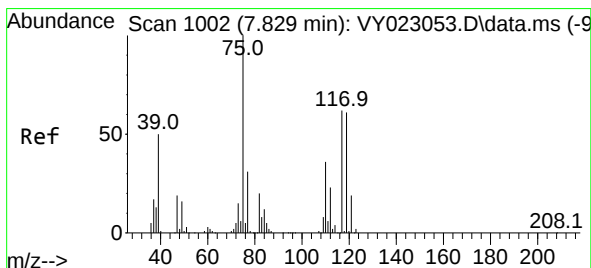
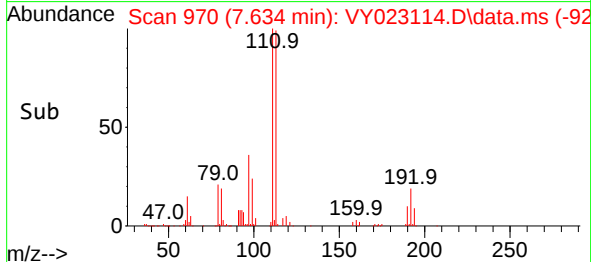
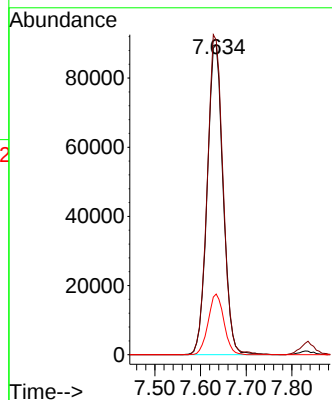
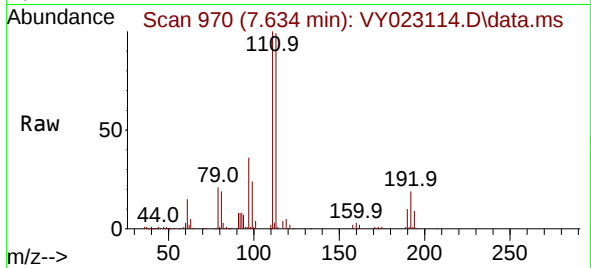




#35
Dibromofluoromethane
Concen: 50.263 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

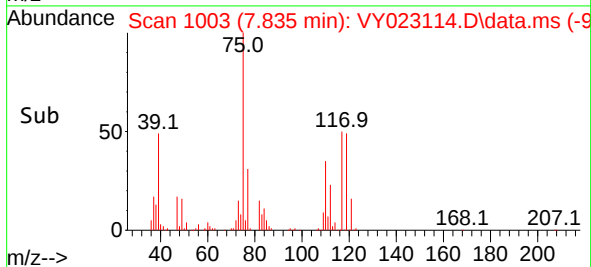
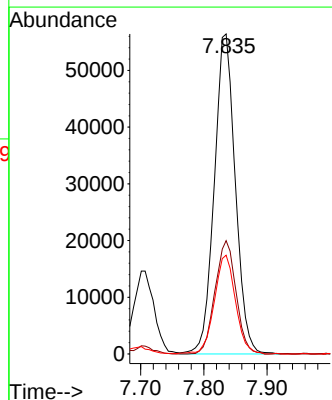
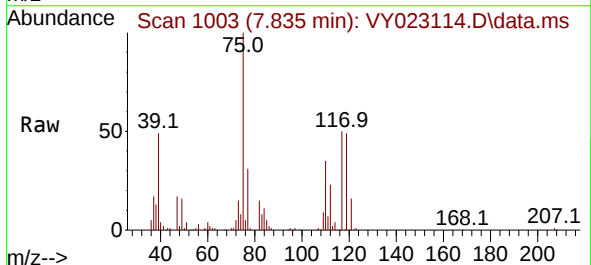
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

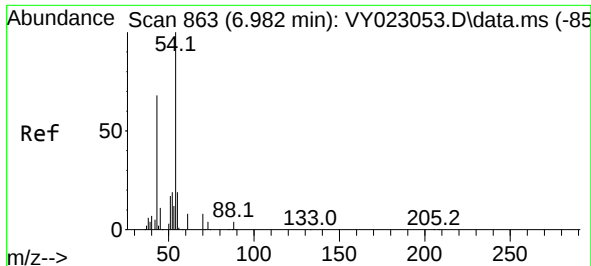
Tgt Ion:113 Resp: 216052
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.374 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 75 Resp: 130154
Ion Ratio Lower Upper
75 100
110 35.2 18.1 54.4
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 19.791 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

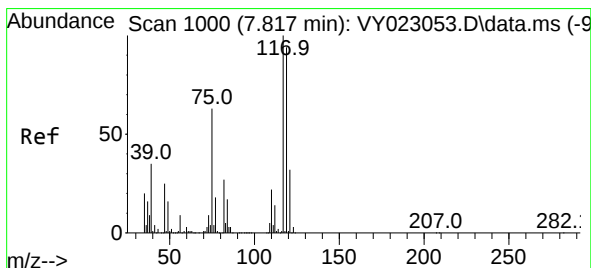
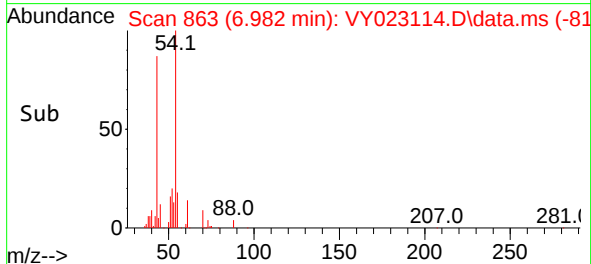
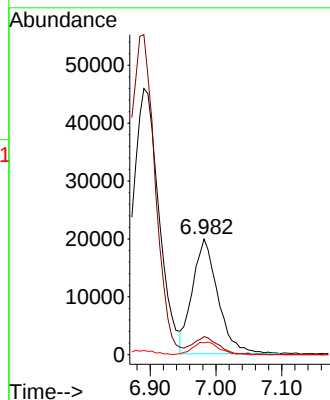
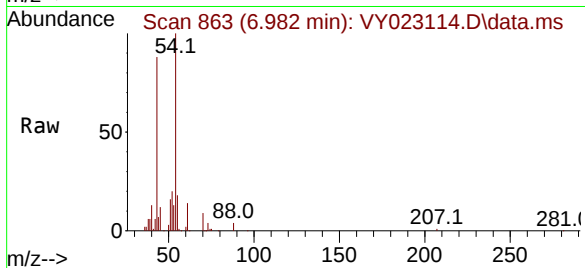
Tgt Ion: 43 Resp: 53108

Ion Ratio Lower Upper

43 100

61 14.3 11.9 17.9

70 11.4 8.8 13.2



#38

Carbon Tetrachloride

Concen: 20.534 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

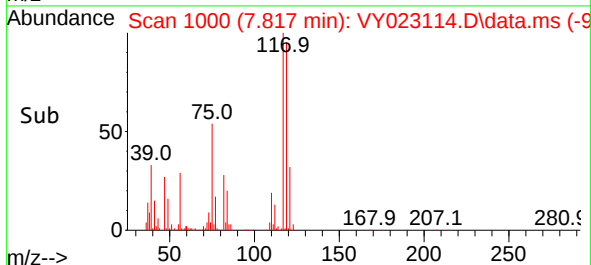
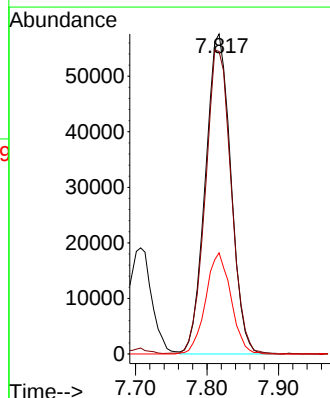
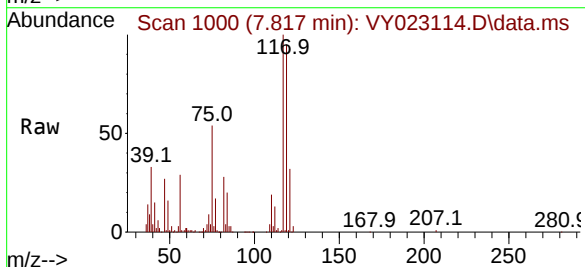
Tgt Ion: 117 Resp: 142469

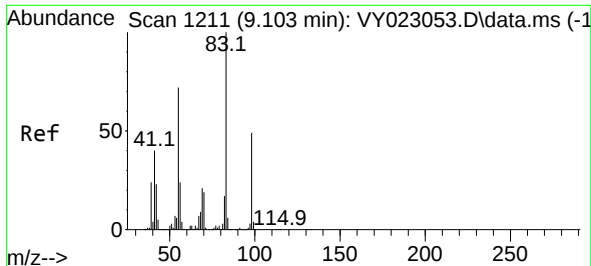
Ion Ratio Lower Upper

117 100

119 94.5 75.6 113.4

121 31.6 25.8 38.8





#39

Methylcyclohexane

Concen: 19.492 ug/l

RT: 9.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

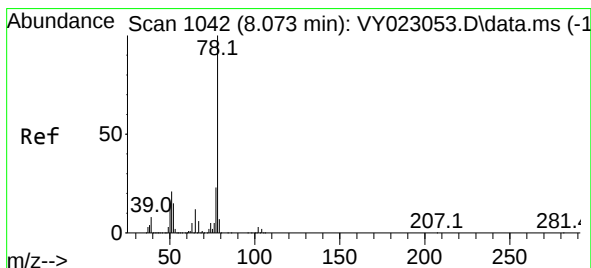
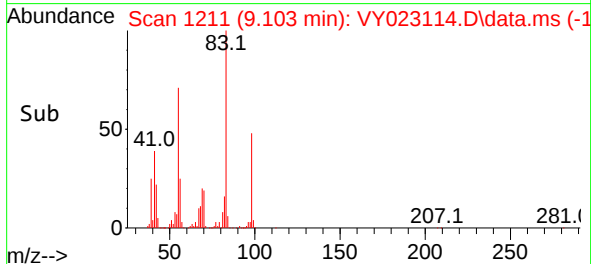
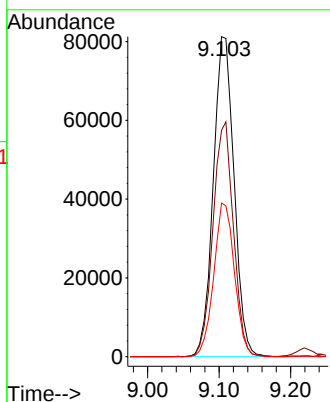
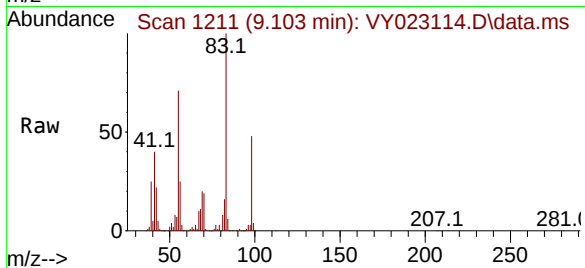
Tgt Ion: 83 Resp: 163971

Ion Ratio Lower Upper

83 100

55 70.7 57.6 86.4

98 48.0 39.2 58.8



#40

Benzene

Concen: 20.636 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023114.D

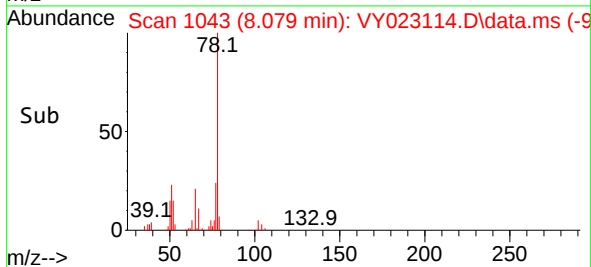
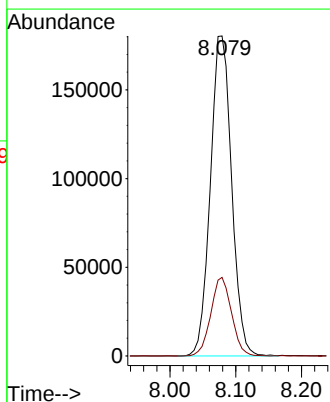
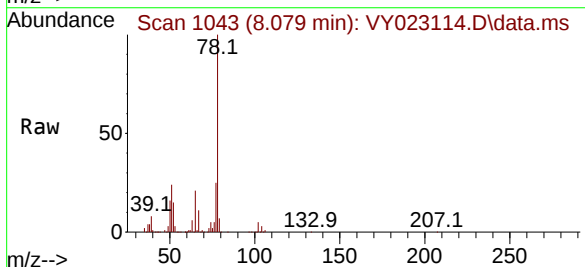
Acq: 15 Aug 2025 09:59

Tgt Ion: 78 Resp: 406307

Ion Ratio Lower Upper

78 100

77 24.6 18.6 28.0

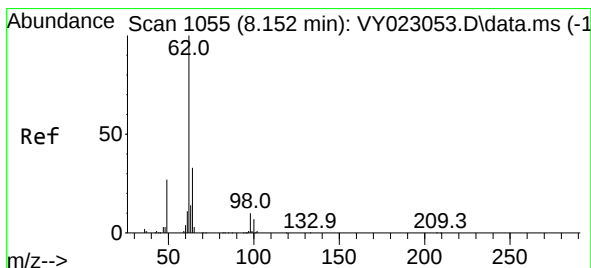
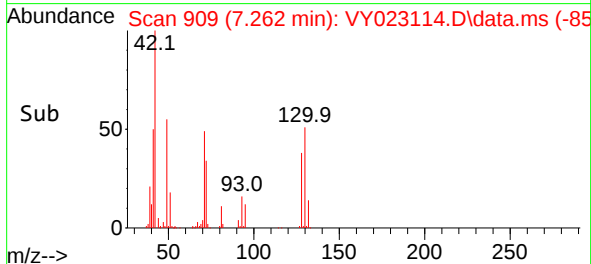
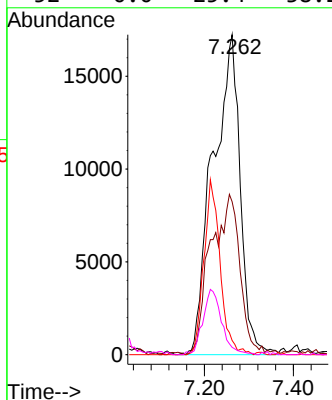
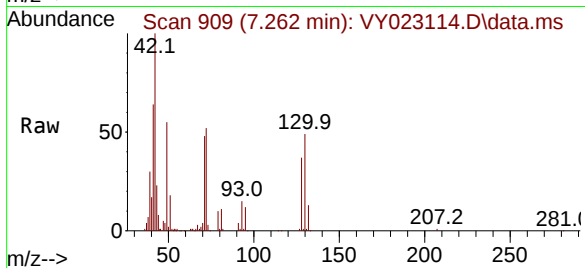




#41
Methacrylonitrile
Concen: 47.321 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

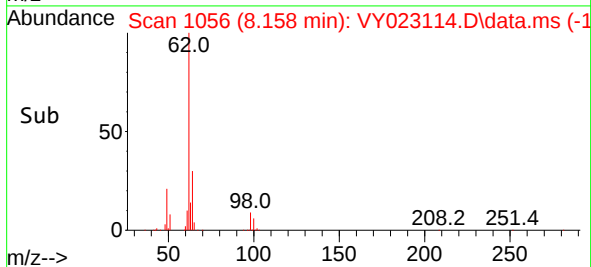
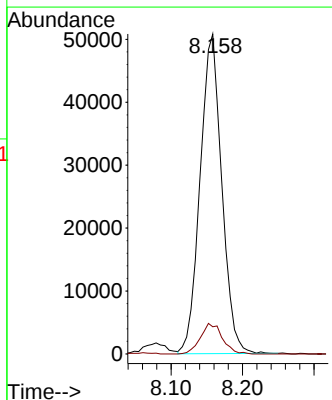
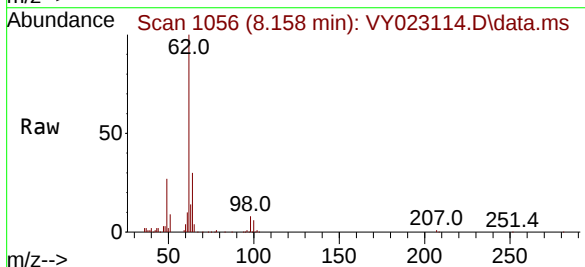
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBSD01

Tgt Ion:	41	Resp:	73286
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.4	65.2
67	0.0	63.6	95.4#
52	0.0	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 20.866 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion:	62	Resp:	106851
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6

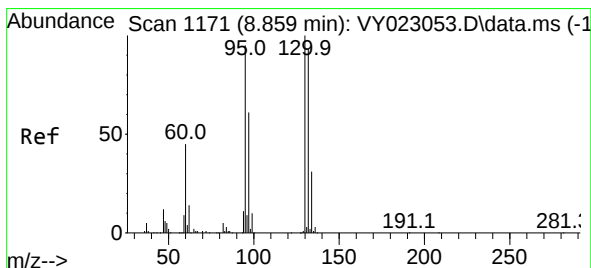
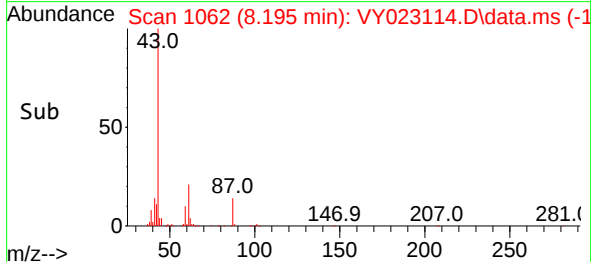
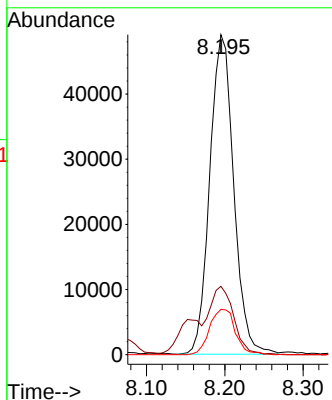
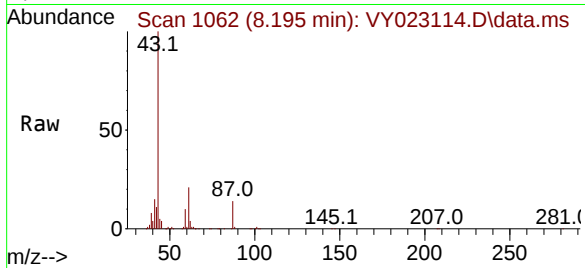




#43
Isopropyl Acetate
Concen: 19.203 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

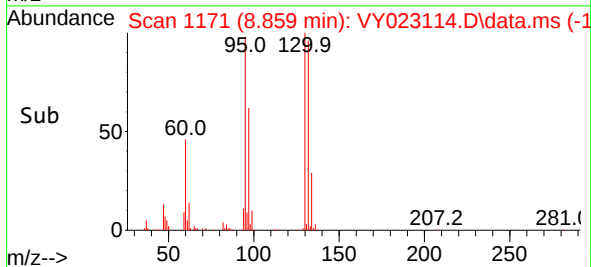
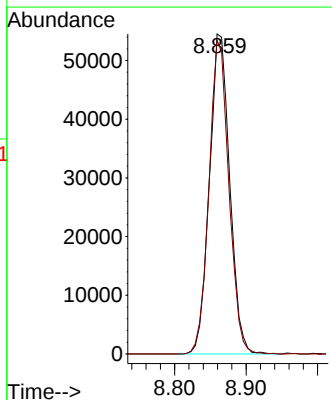
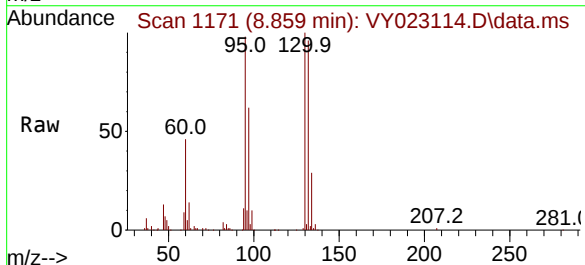
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

Tgt Ion: 43 Resp: 104154
Ion Ratio Lower Upper
43 100
61 21.7 16.4 24.6
87 15.3 11.8 17.6



#44
Trichloroethene
Concen: 21.080 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion:130 Resp: 107257
Ion Ratio Lower Upper
130 100
95 98.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.553 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

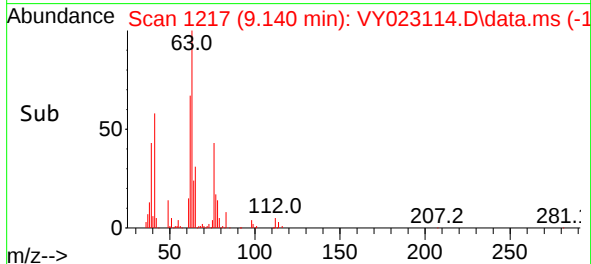
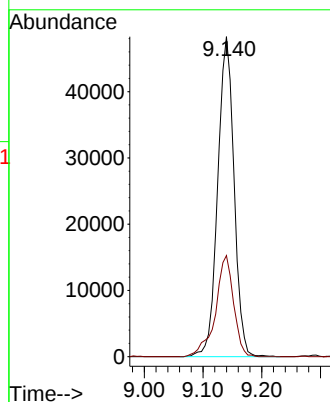
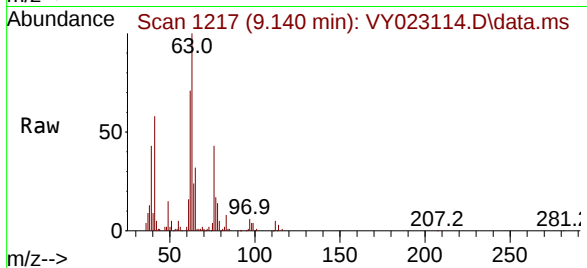
VY0815SBS01

Tgt Ion: 63 Resp: 93109

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 21.286 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

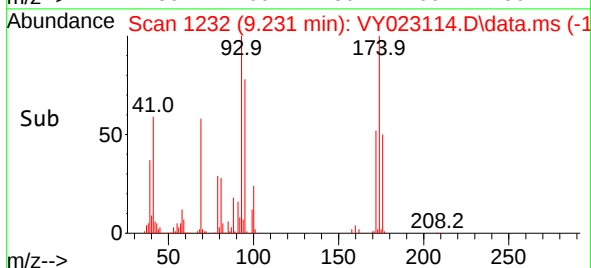
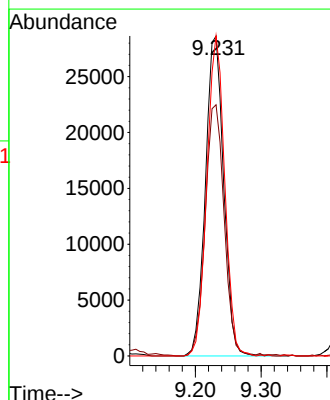
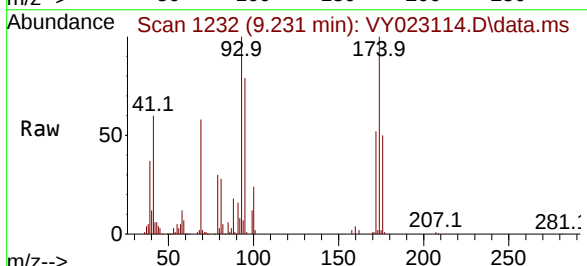
Tgt Ion: 93 Resp: 55348

Ion Ratio Lower Upper

93 100

95 81.1 66.5 99.7

174 97.4 81.8 122.8

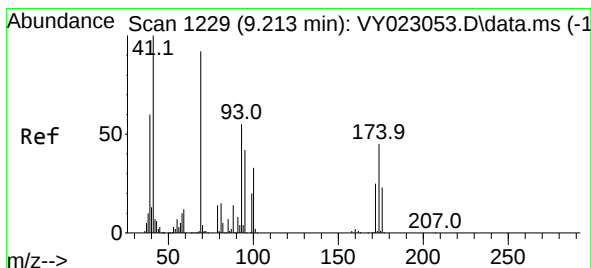
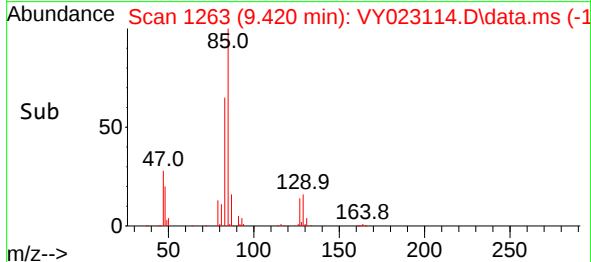
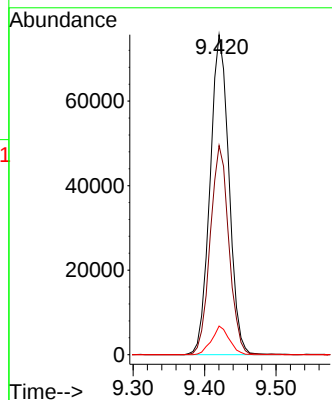
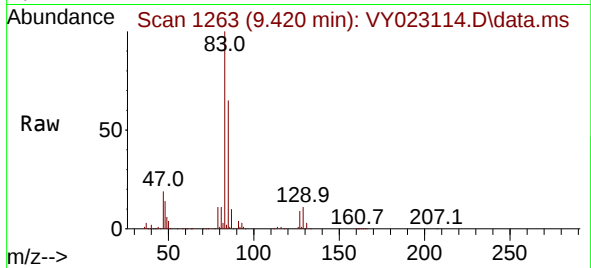




#47
Bromodichloromethane
Concen: 20.746 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

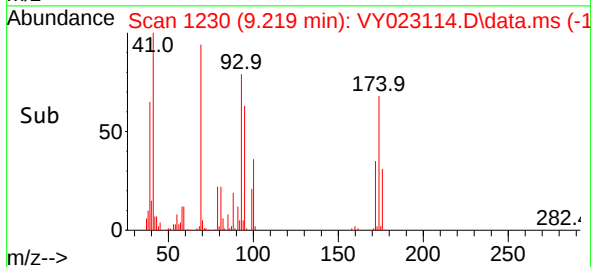
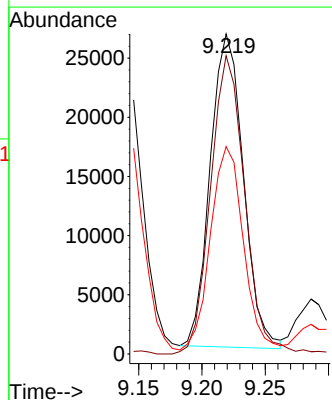
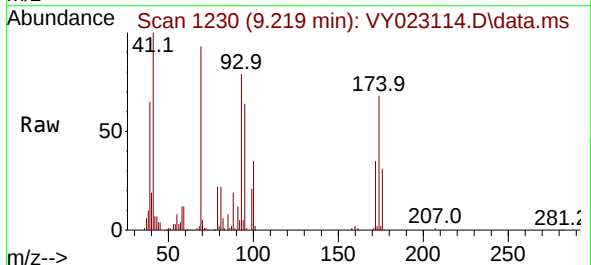
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

Tgt Ion: 83 Resp: 138806
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 18.579 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 41 Resp: 48220
Ion Ratio Lower Upper
41 100
69 98.4 73.2 109.8
39 64.4 47.0 70.4





#49

1,4-Dioxane

Concen: 420.225 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

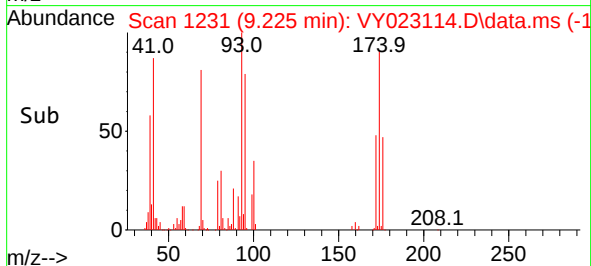
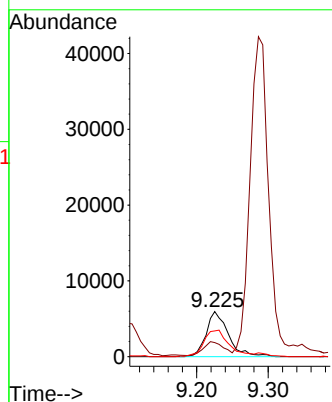
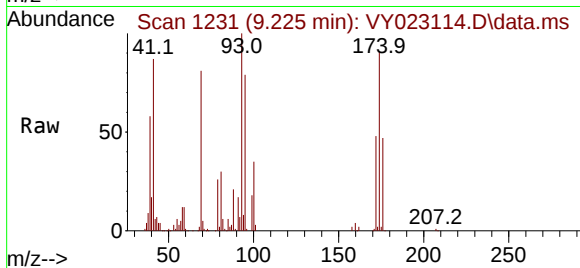
Tgt Ion: 88 Resp: 12812

Ion Ratio Lower Upper

88 100

43 27.4 24.3 36.5

58 66.8 55.4 83.0



#50

Toluene-d8

Concen: 50.555 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023114.D

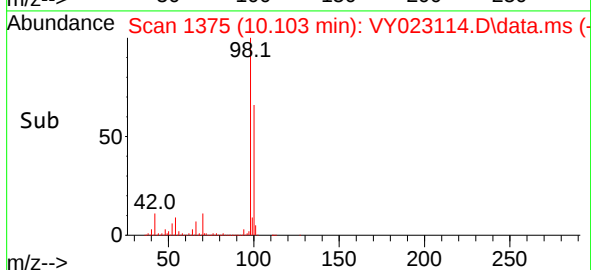
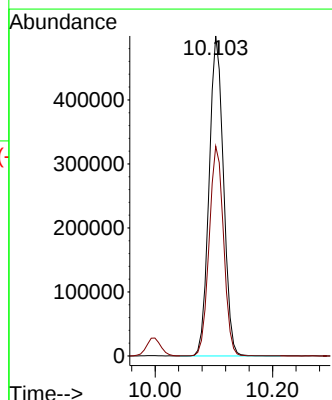
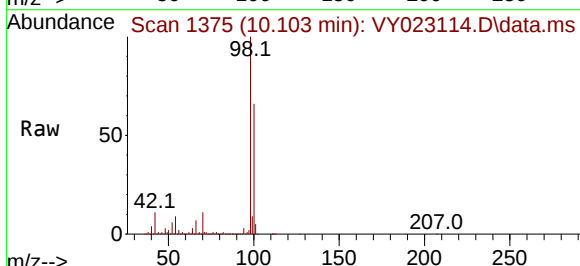
Acq: 15 Aug 2025 09:59

Tgt Ion: 98 Resp: 848930

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 99.276 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

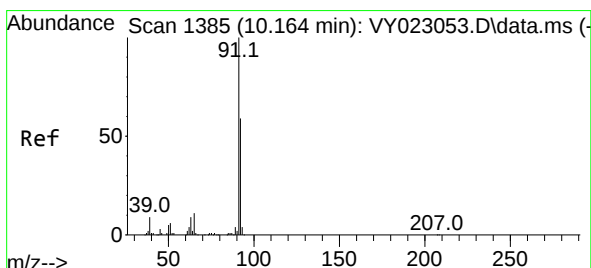
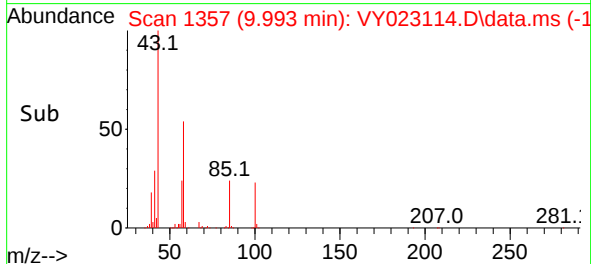
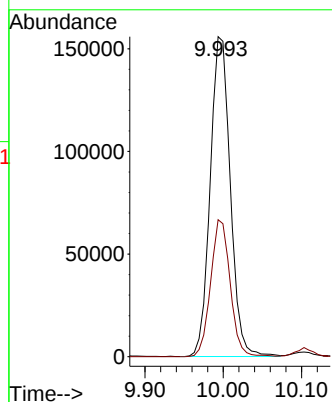
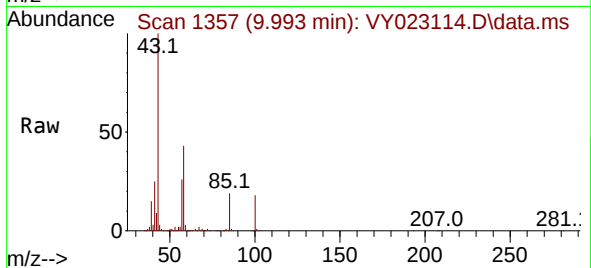
VY0815SBS01

Tgt Ion: 43 Resp: 277745

Ion Ratio Lower Upper

43 100

58 41.7 33.5 50.3



#52

Toluene

Concen: 20.494 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023114.D

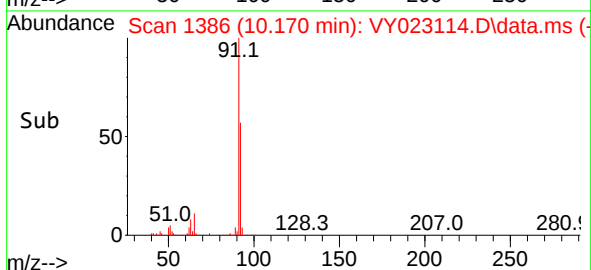
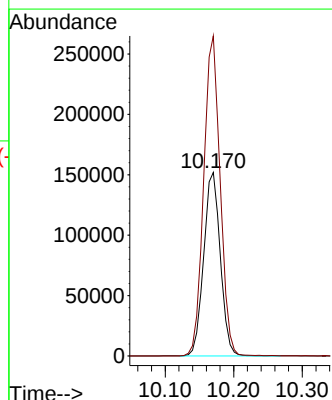
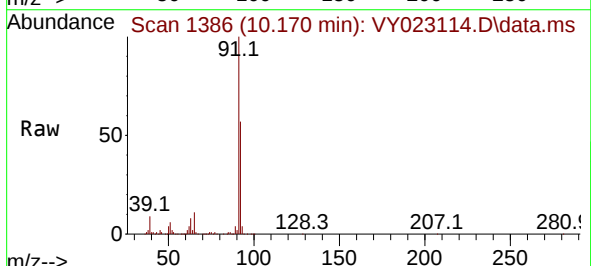
Acq: 15 Aug 2025 09:59

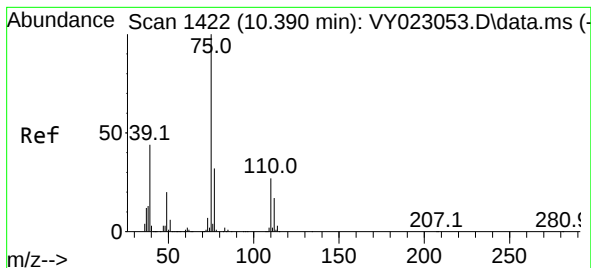
Tgt Ion: 92 Resp: 256278

Ion Ratio Lower Upper

92 100

91 172.9 136.4 204.6

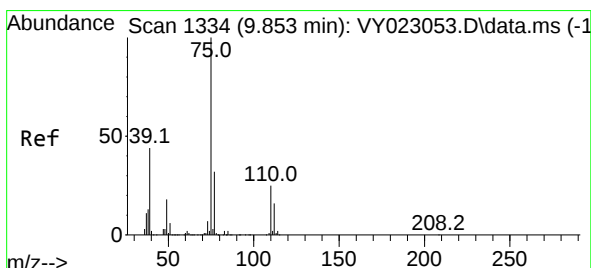
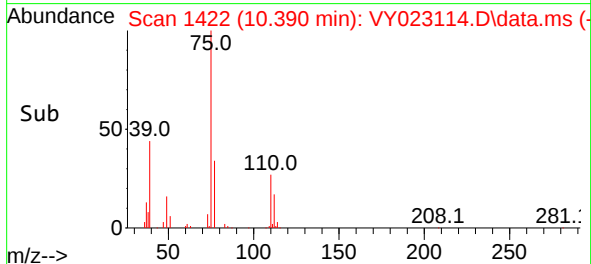
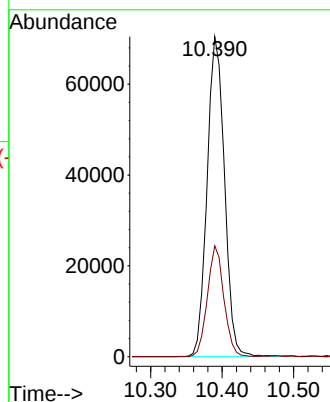
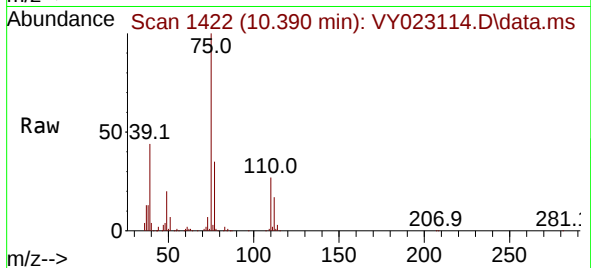




#53
t-1,3-Dichloropropene
Concen: 19.679 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

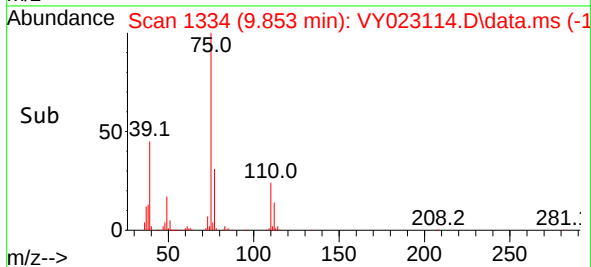
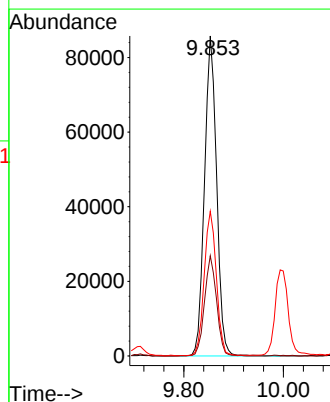
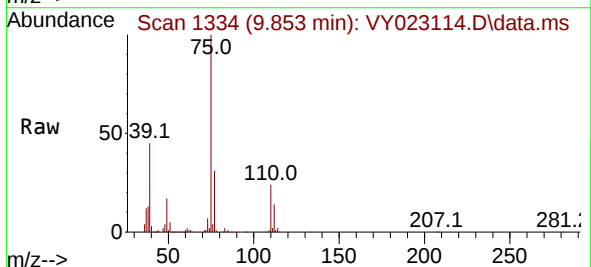
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

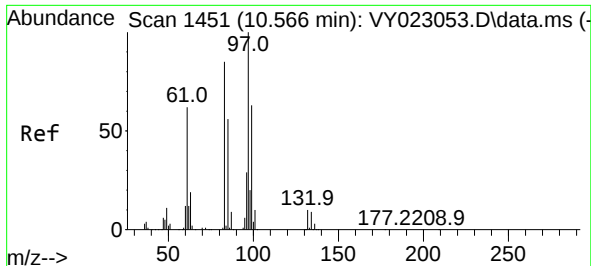
Tgt Ion: 75 Resp: 119229
Ion Ratio Lower Upper
75 100
77 34.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.208 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 75 Resp: 144778
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 45.1 35.6 53.4

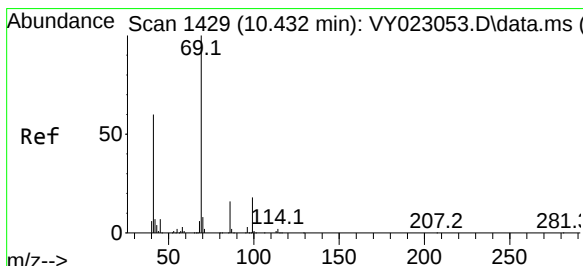
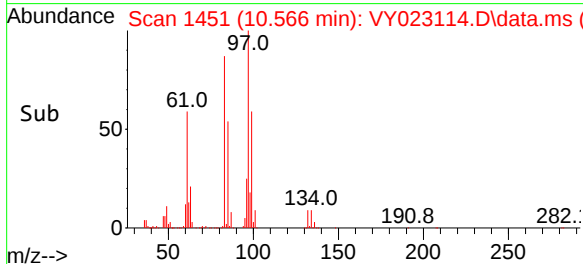
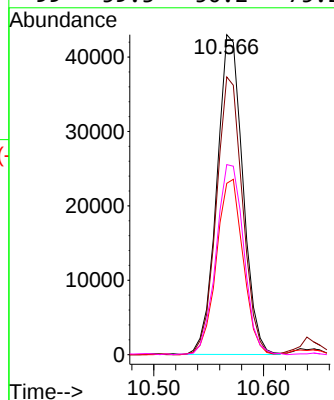
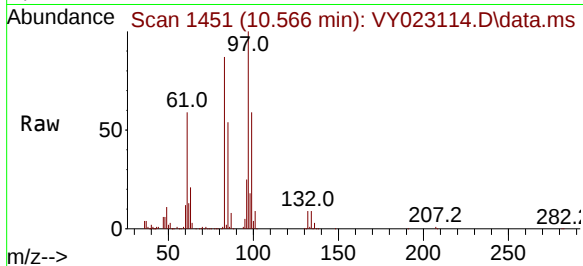




#55
1,1,2-Trichloroethane
Concen: 20.374 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

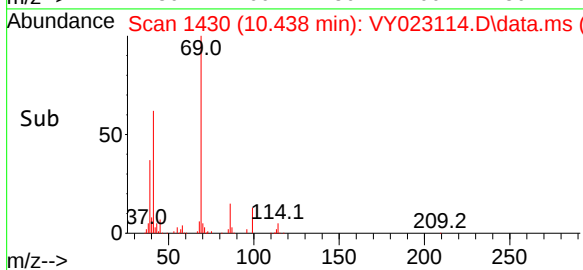
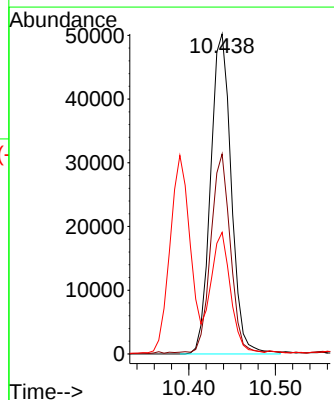
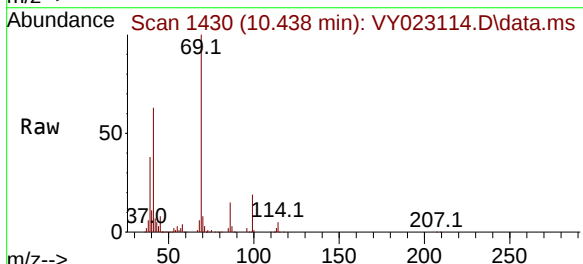
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

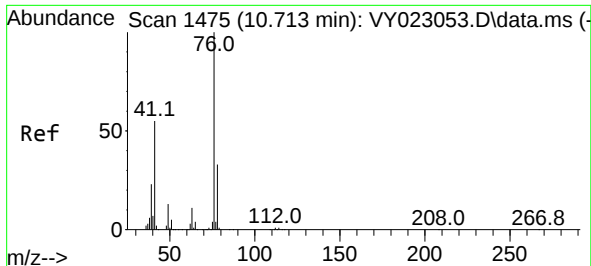
Tgt Ion:	97	Resp:	70888
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.7	101.5
85	53.6	44.5	66.7
99	59.3	50.2	75.2



#56
Ethyl methacrylate
Concen: 18.696 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion:	69	Resp:	83239
Ion	Ratio	Lower	Upper
69	100		
41	59.1	48.6	72.8
39	35.6	27.0	40.4





#57

1,3-Dichloropropane

Concen: 20.223 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

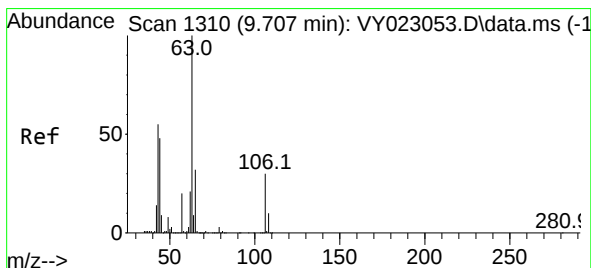
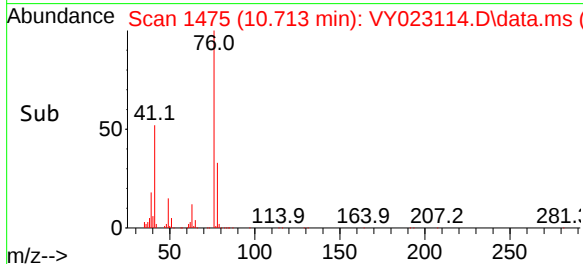
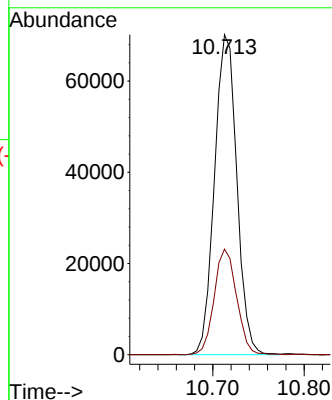
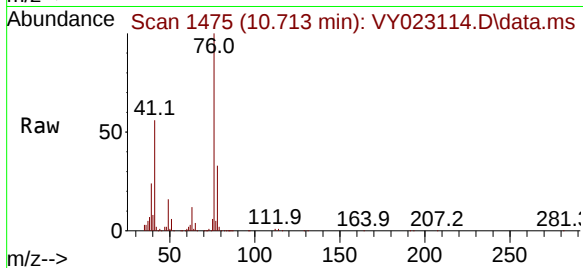
VY0815SBS01

Tgt Ion: 76 Resp: 119333

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.940 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023114.D

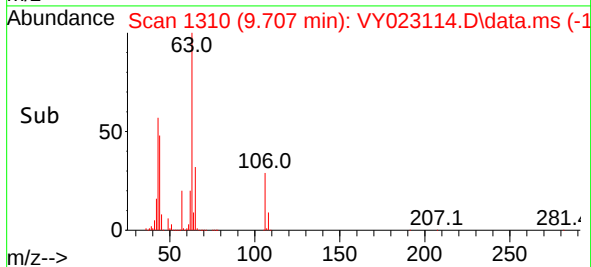
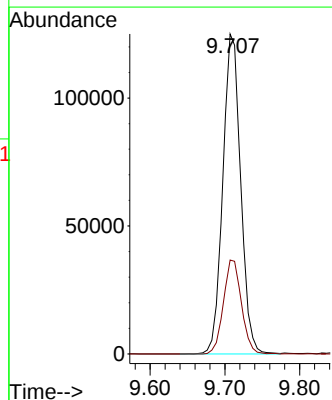
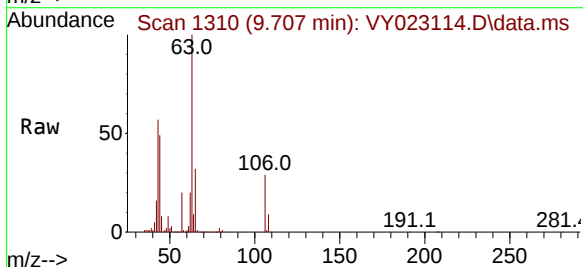
Acq: 15 Aug 2025 09:59

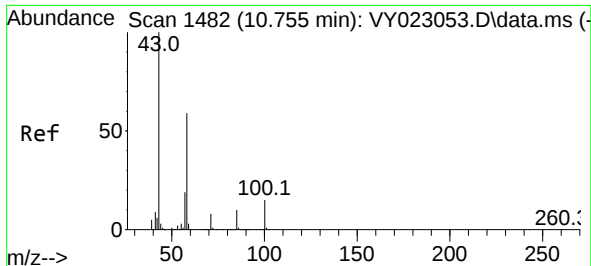
Tgt Ion: 63 Resp: 207784

Ion Ratio Lower Upper

63 100

106 29.7 23.2 34.8

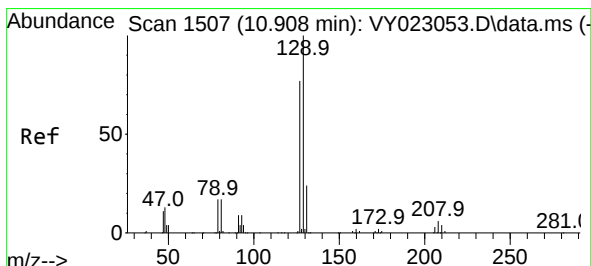
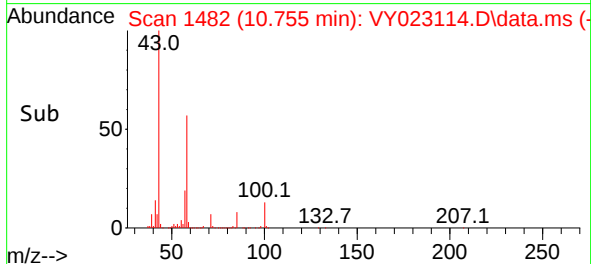
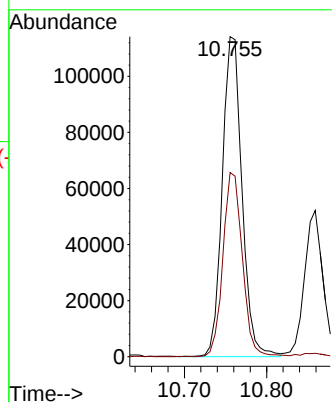
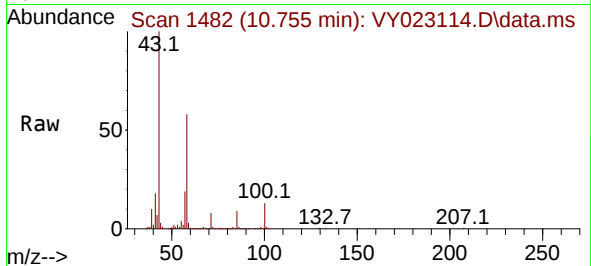




#59
2-Hexanone
Concen: 99.749 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

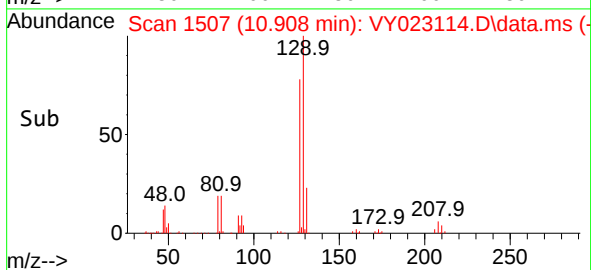
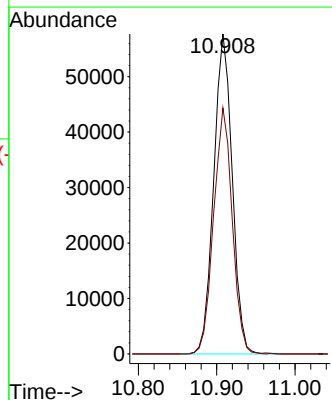
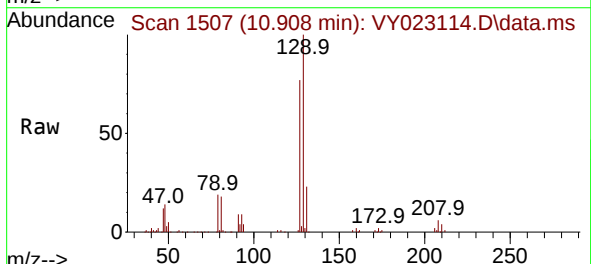
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

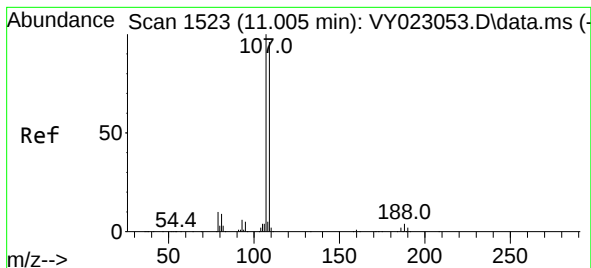
Tgt Ion: 43 Resp: 190027
Ion Ratio Lower Upper
43 100
58 56.9 29.5 88.5



#60
Dibromochloromethane
Concen: 20.617 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 129 Resp: 94653
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

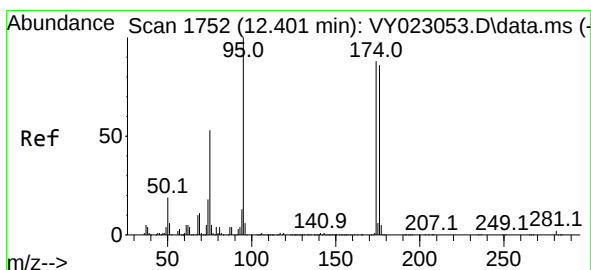
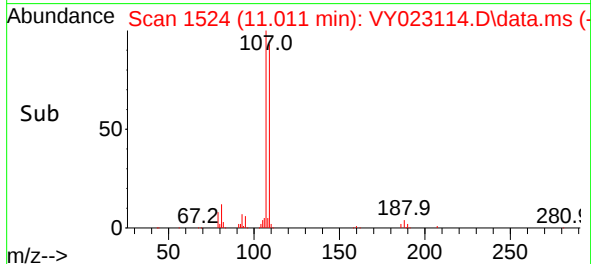
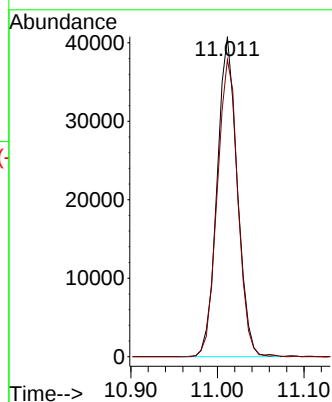
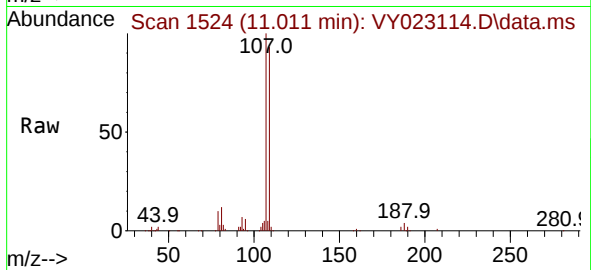




#61
1,2-Dibromoethane
Concen: 20.168 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

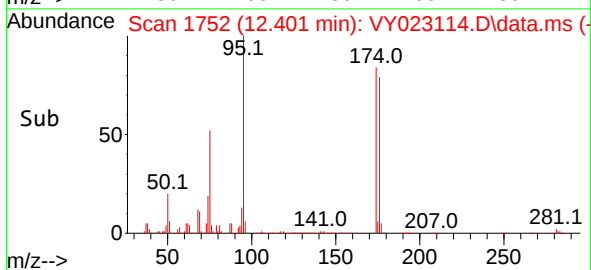
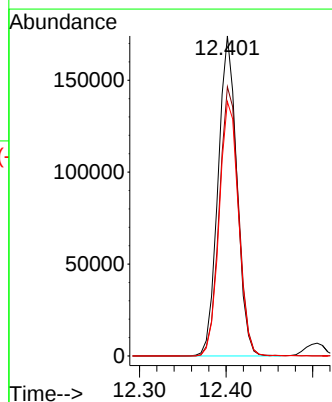
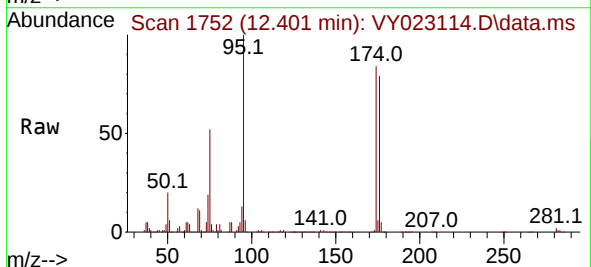
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBSD01

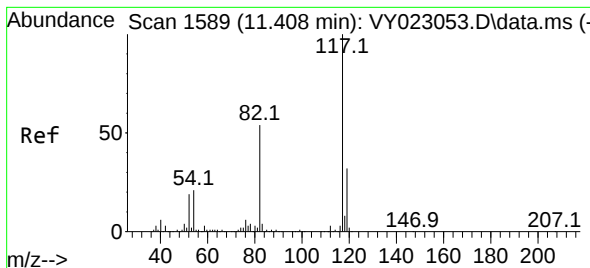
Tgt Ion:107 Resp: 65954
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.712 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 95 Resp: 263062
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 81.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

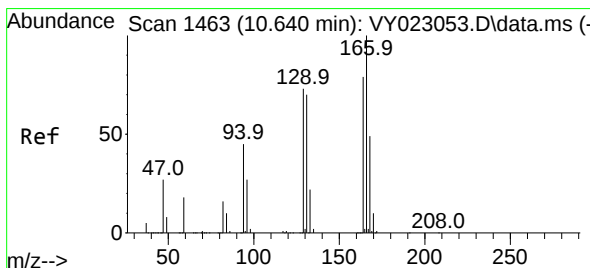
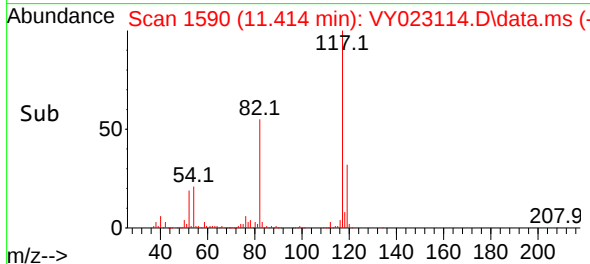
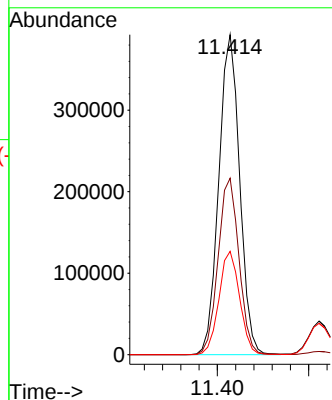
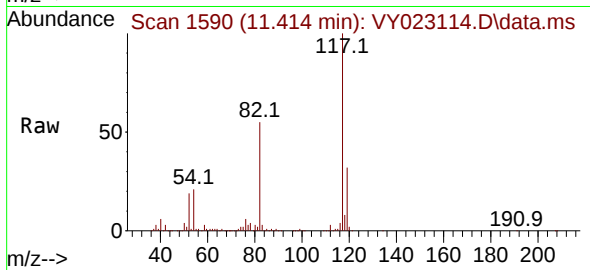
Tgt Ion:117 Resp: 623331

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 22.775 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Tgt Ion:164 Resp: 126762

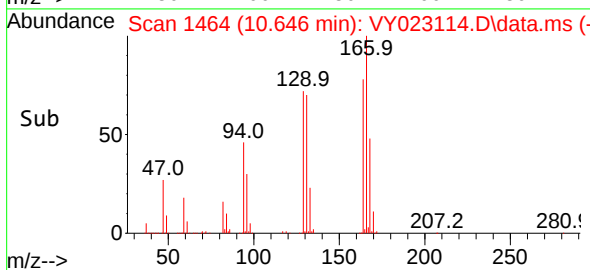
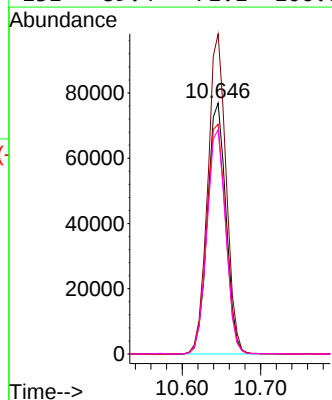
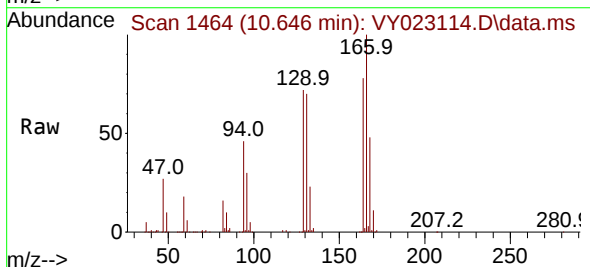
Ion Ratio Lower Upper

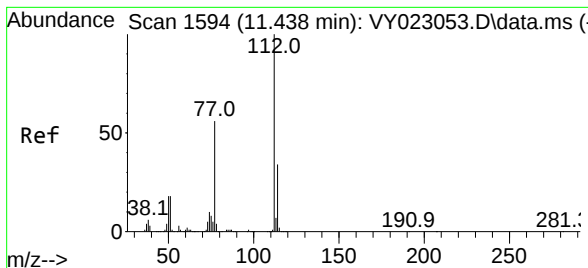
164 100

166 127.6 101.1 151.7

129 91.6 74.0 111.0

131 89.4 71.1 106.7

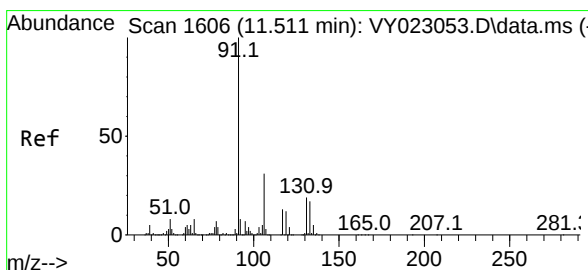
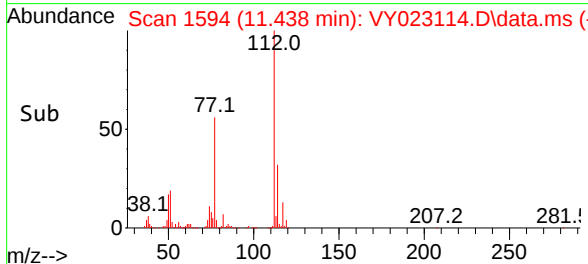
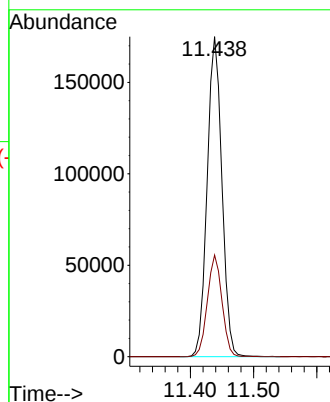
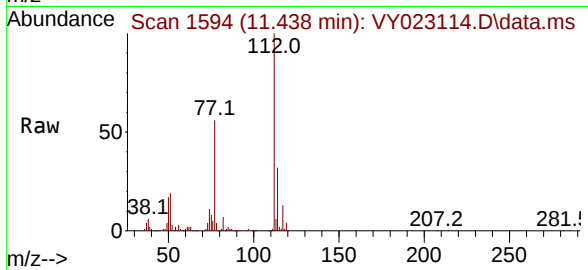




#65
Chlorobenzene
Concen: 21.056 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

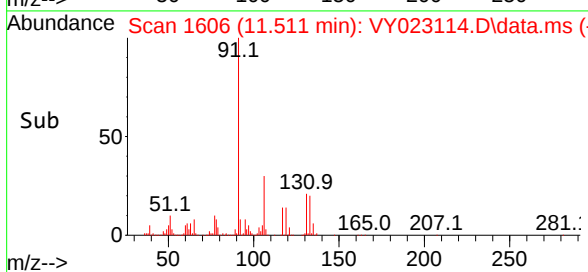
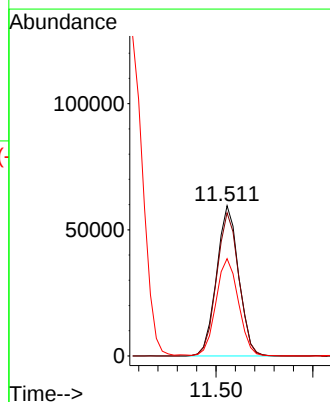
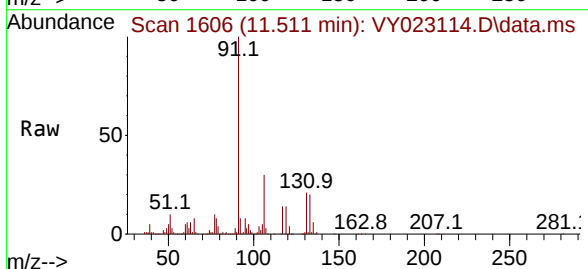
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBSD01

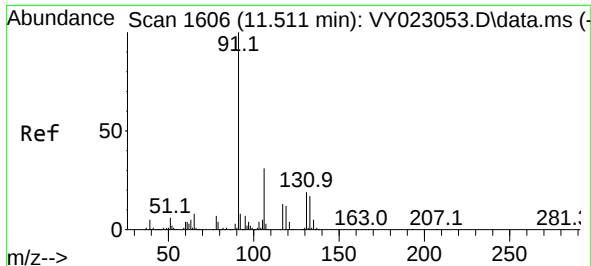
Tgt Ion:112 Resp: 283100
Ion Ratio Lower Upper
112 100
114 31.8 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.694 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion:131 Resp: 94430
Ion Ratio Lower Upper
131 100
133 96.0 46.9 140.6
119 65.9 33.2 99.6





#67

Ethyl Benzene

Concen: 20.163 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

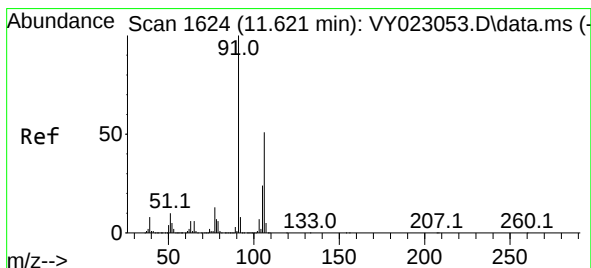
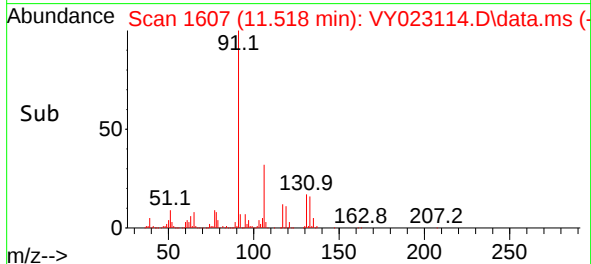
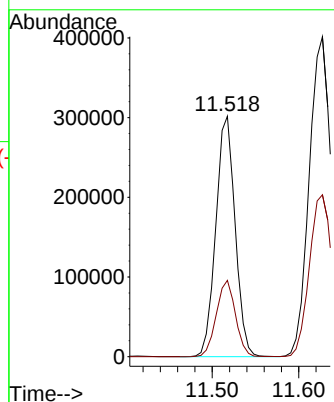
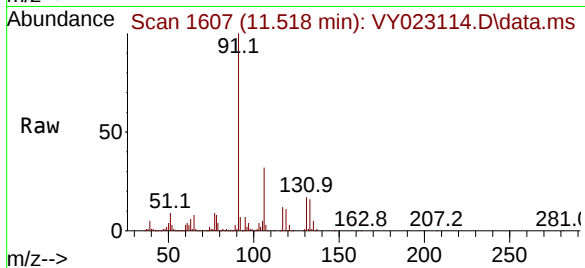
VY0815SBS01

Tgt Ion: 91 Resp: 466536

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 41.142 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023114.D

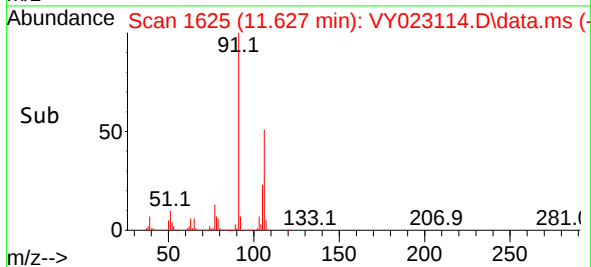
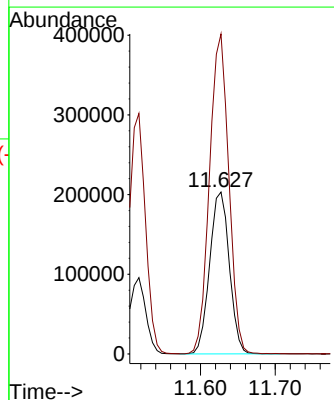
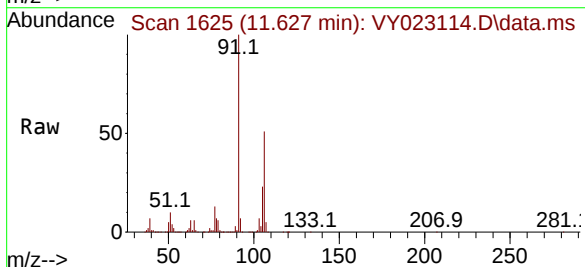
Acq: 15 Aug 2025 09:59

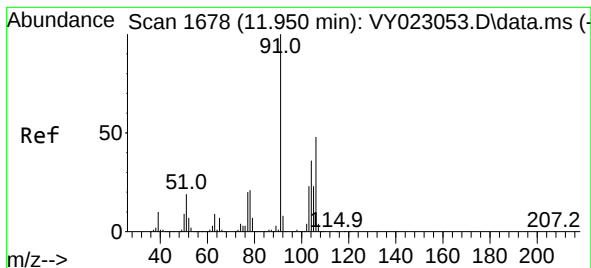
Tgt Ion: 106 Resp: 371794

Ion Ratio Lower Upper

106 100

91 193.8 158.6 238.0

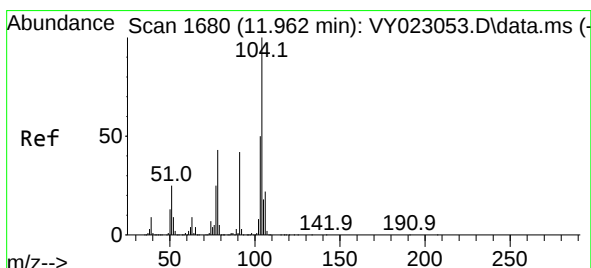
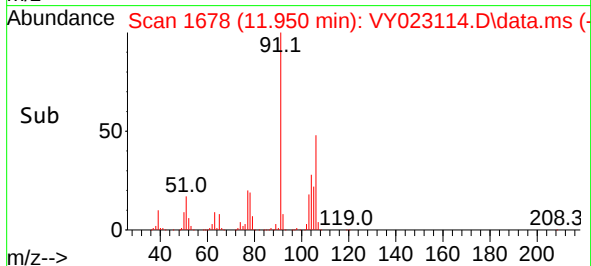
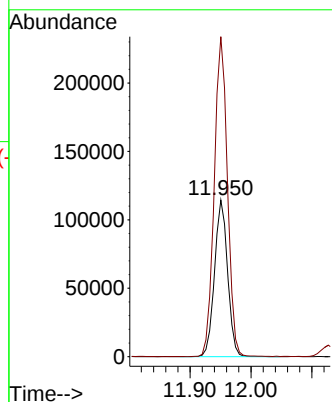
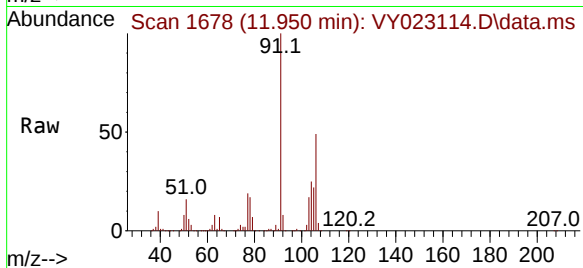




#69
o-Xylene
Concen: 20.113 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

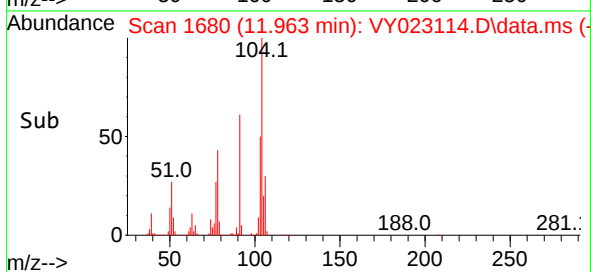
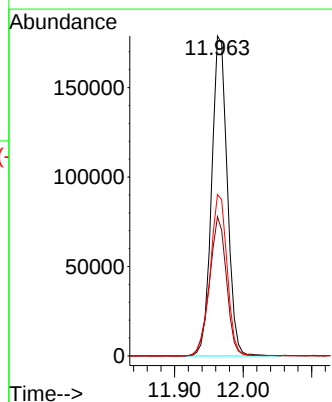
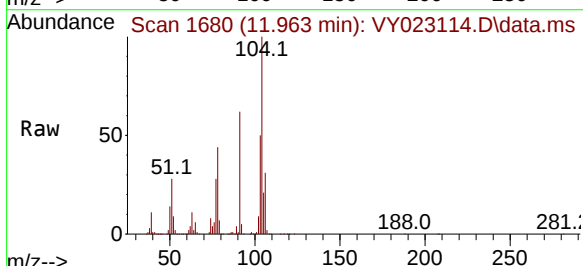
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBSD01

Tgt Ion:106 Resp: 170235
Ion Ratio Lower Upper
106 100
91 206.8 103.2 309.4



#70
Styrene
Concen: 20.513 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion:104 Resp: 283934
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 54.7 43.7 65.5





#71

Bromoform

Concen: 19.761 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

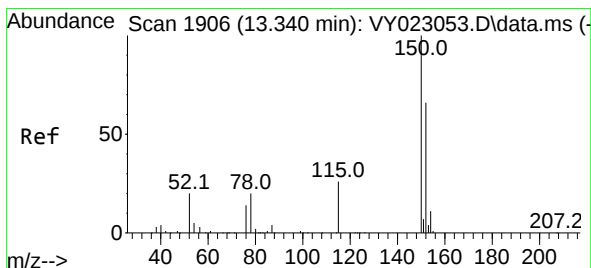
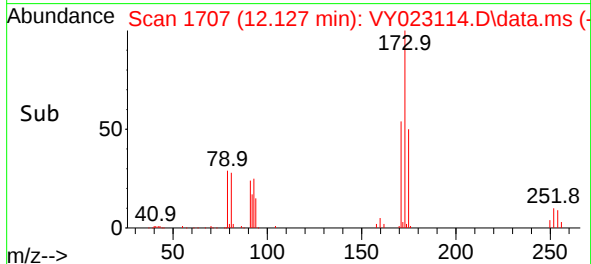
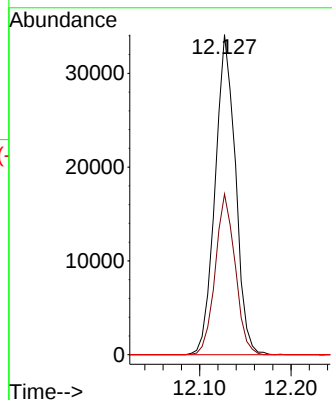
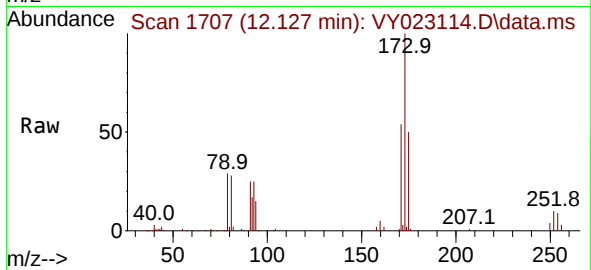
Tgt Ion:173 Resp: 52702

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

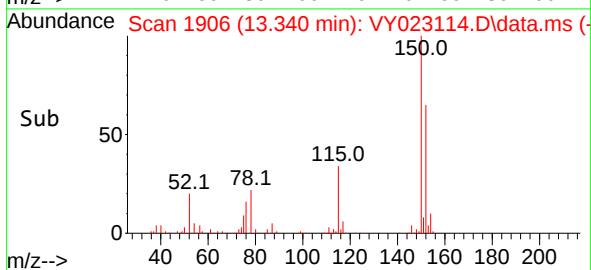
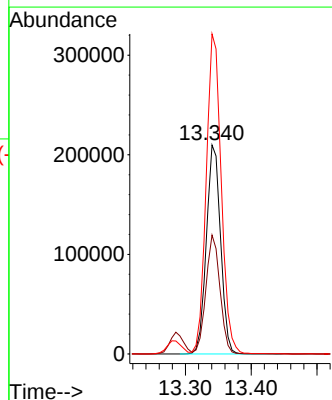
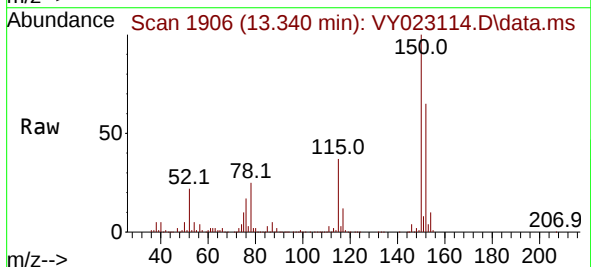
Tgt Ion:152 Resp: 315352

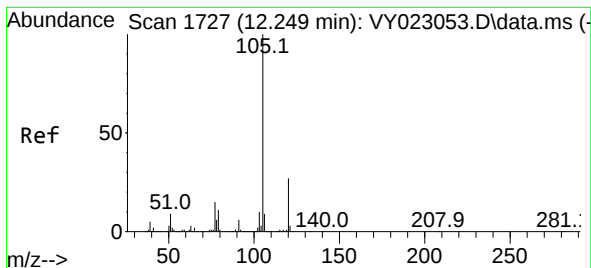
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.6

150 161.5 0.0 348.0





#73

Isopropylbenzene

Concen: 19.372 ug/l

RT: 12.249 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

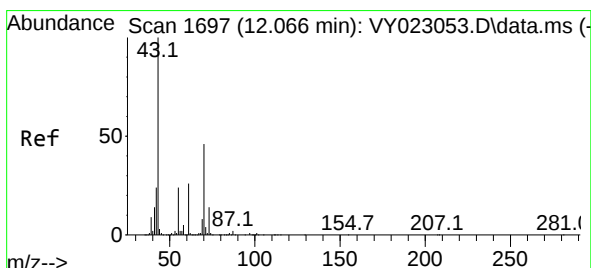
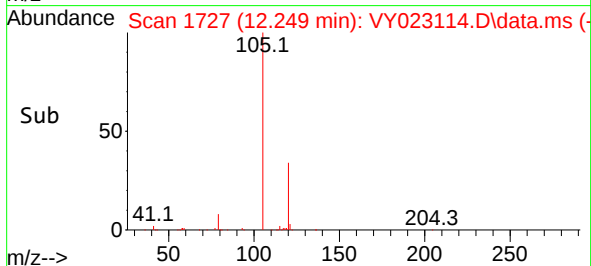
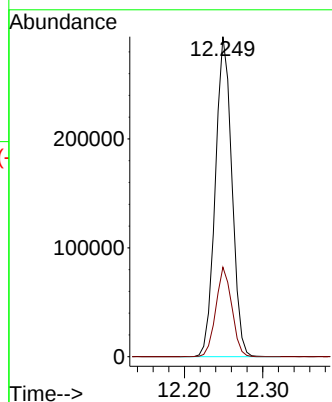
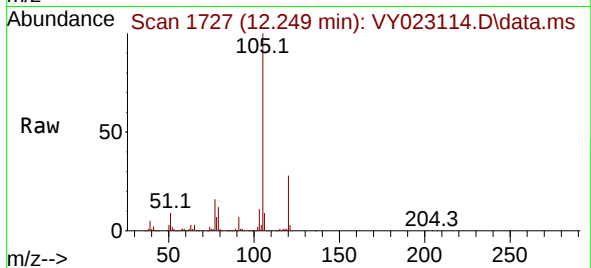
VY0815SBS01

Tgt Ion:105 Resp: 431158

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 18.971 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Tgt Ion: 43 Resp: 89546

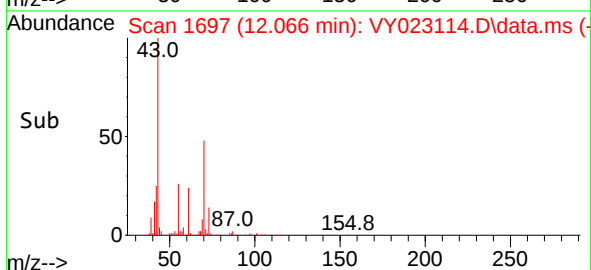
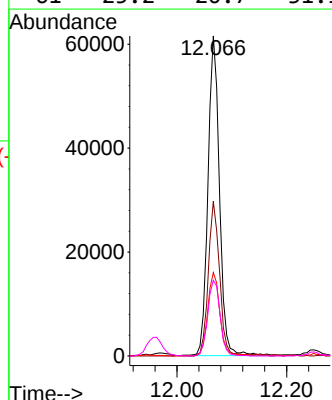
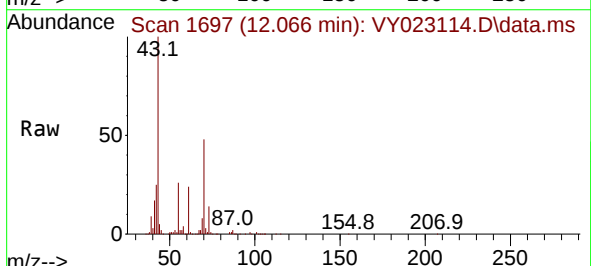
Ion Ratio Lower Upper

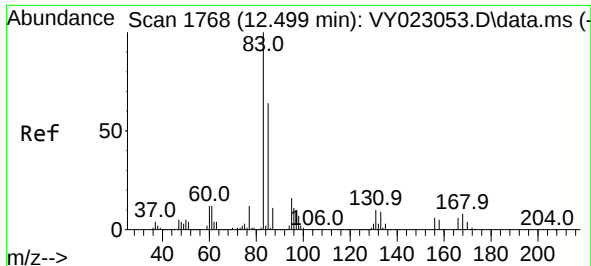
43 100

70 47.2 37.5 56.3

55 27.5 20.7 31.1

61 25.2 20.7 31.1

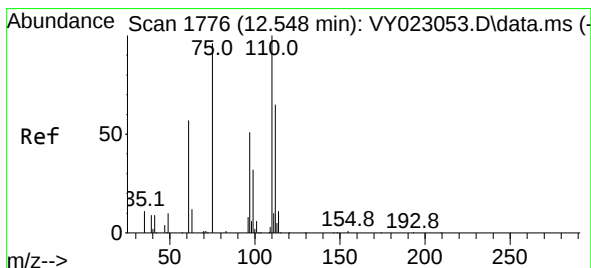
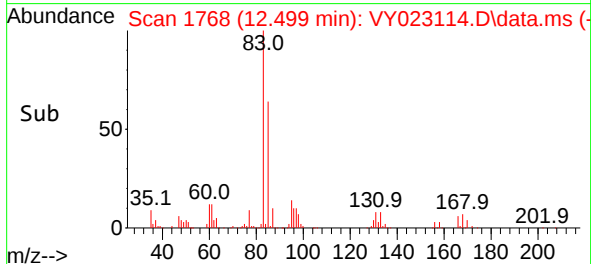
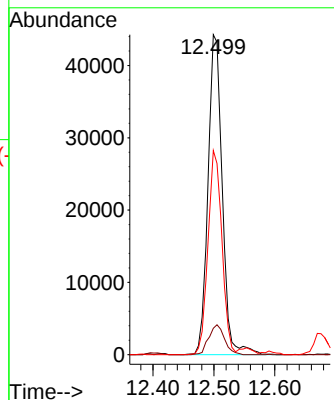
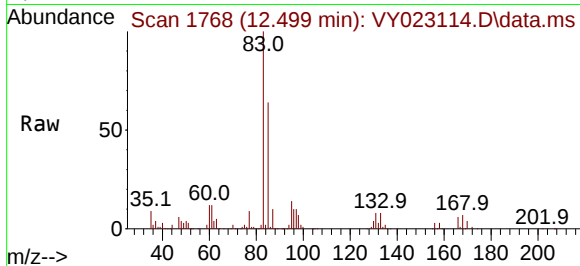




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.963 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

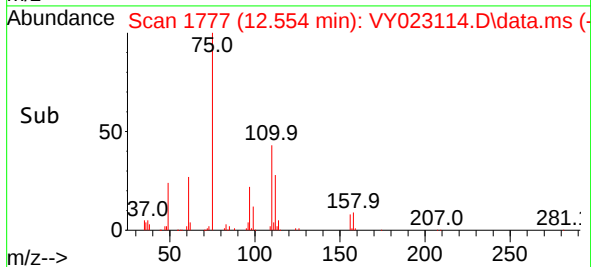
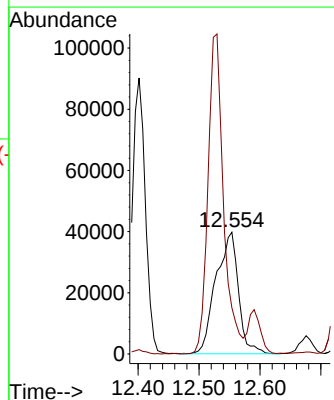
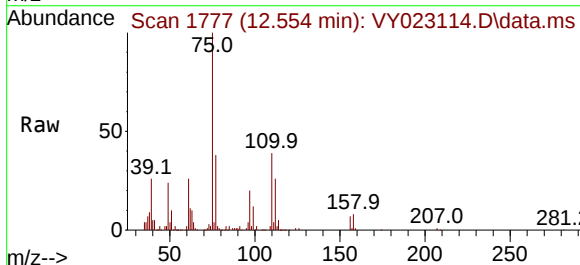
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

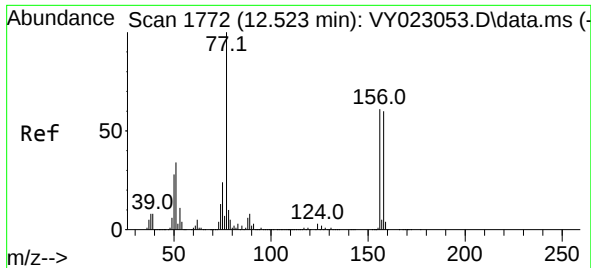
Tgt Ion: 83 Resp: 72067
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 62.3 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 33.556 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

Tgt Ion: 75 Resp: 102127
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

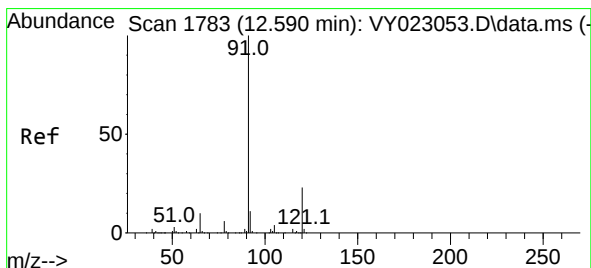
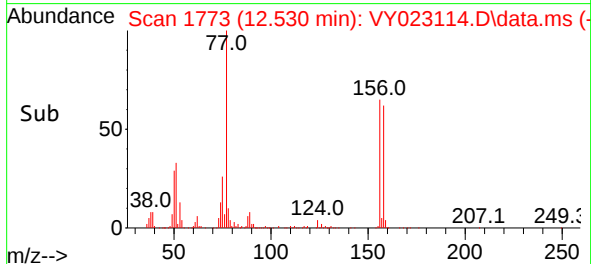
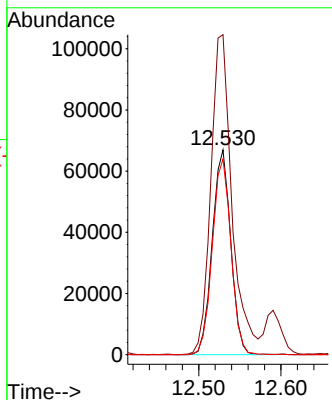
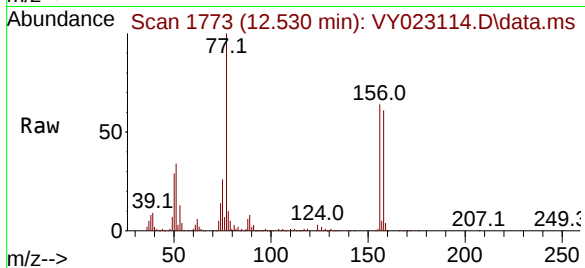




#77
Bromobenzene
Concen: 19.721 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

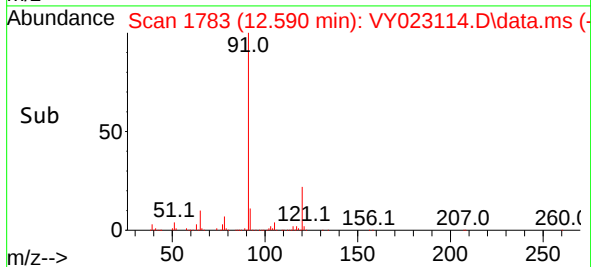
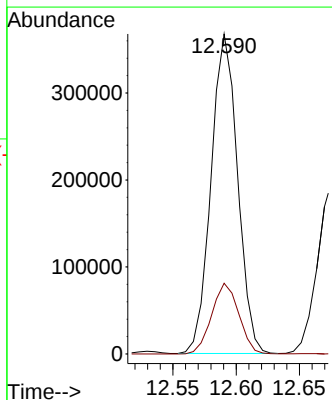
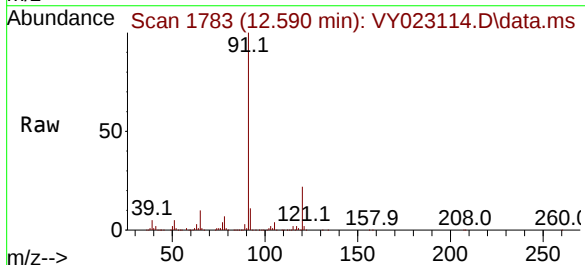
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

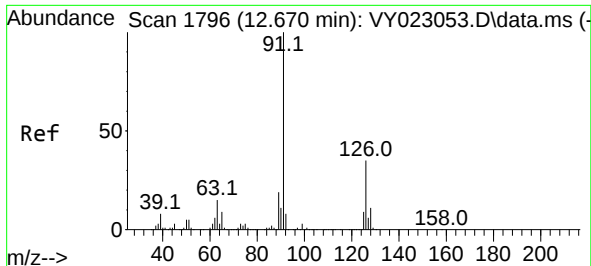
Tgt Ion:156 Resp: 104717
Ion Ratio Lower Upper
156 100
77 178.3 88.1 264.4
158 96.1 48.0 144.0



#78
n-propylbenzene
Concen: 20.239 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 91 Resp: 536311
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5





#79

2-Chlorotoluene

Concen: 19.787 ug/l

RT: 12.676 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

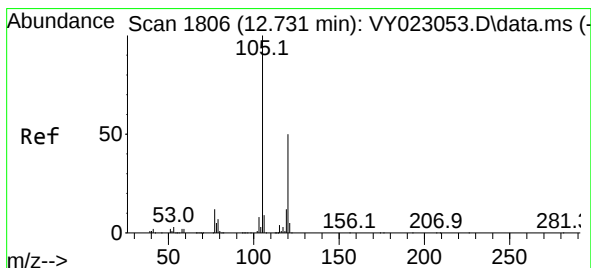
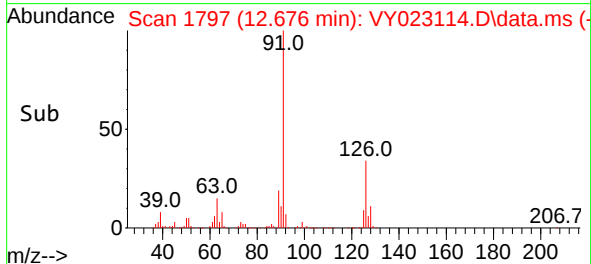
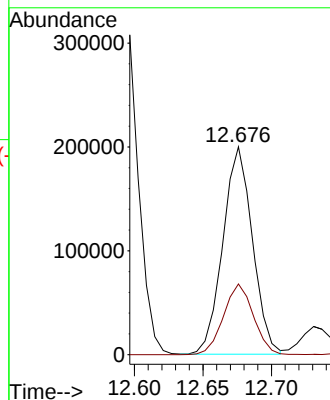
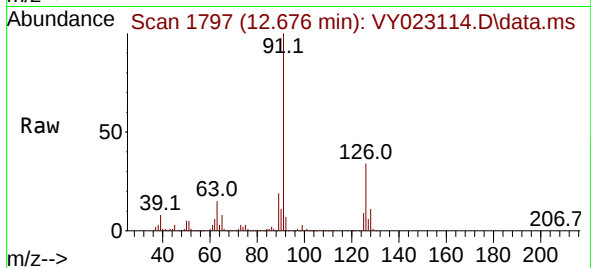
VY0815SBS01

Tgt Ion: 91 Resp: 300425

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 19.785 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY023114.D

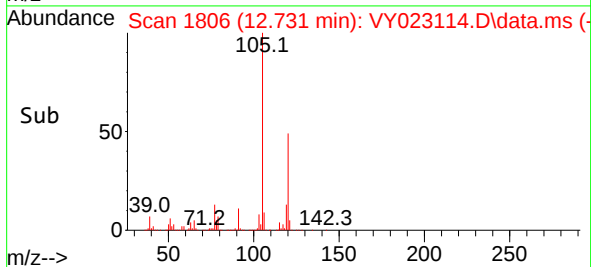
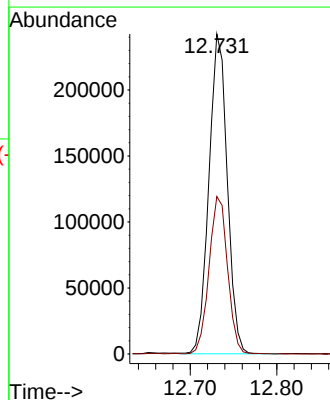
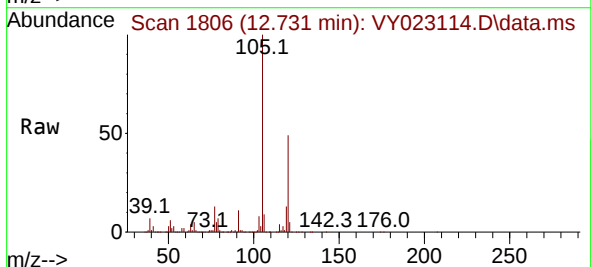
Acq: 15 Aug 2025 09:59

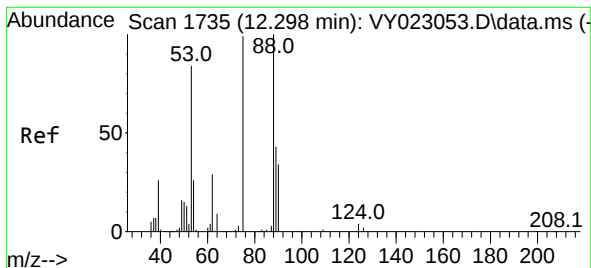
Tgt Ion: 105 Resp: 355894

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4

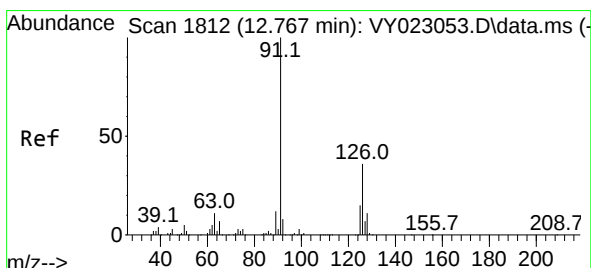
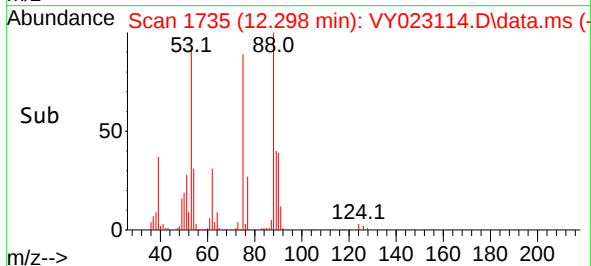
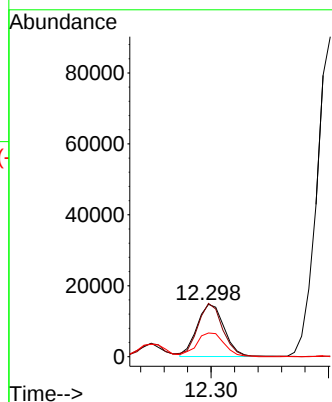
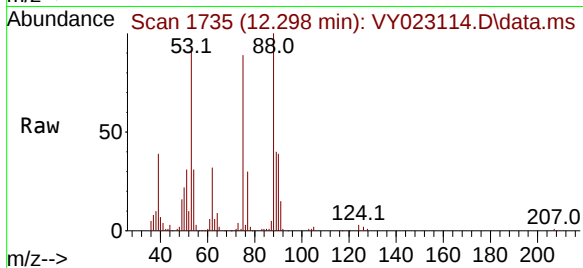




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.723 ug/l
 RT: 12.298 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

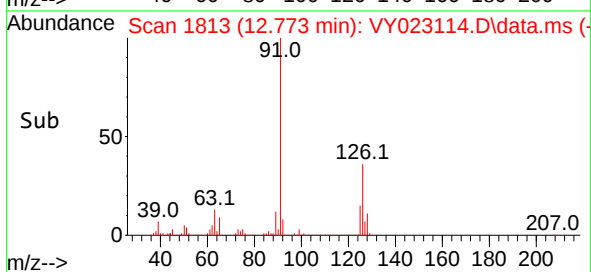
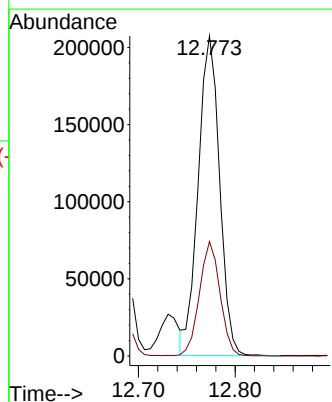
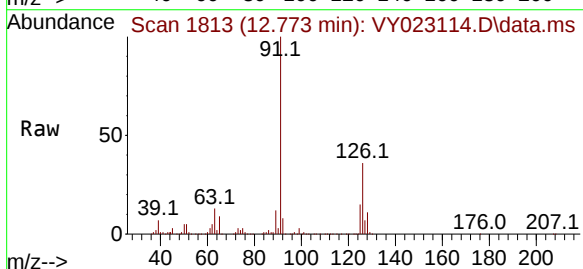
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

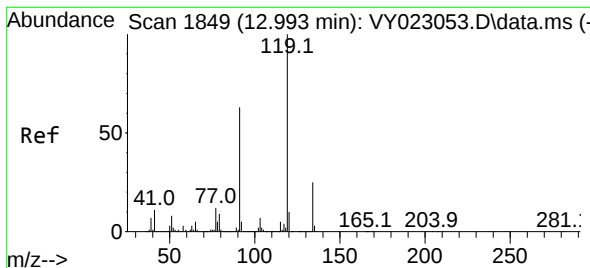
Tgt Ion: 75 Resp: 23540
 Ion Ratio Lower Upper
 75 100
 53 96.6 70.8 106.2
 89 46.6 38.1 57.1



#82
 4-Chlorotoluene
 Concen: 20.245 ug/l
 RT: 12.773 min Scan# 1813
 Delta R.T. 0.006 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

Tgt Ion: 91 Resp: 318860
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 52.0





#83

tert-Butylbenzene

Concen: 18.913 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

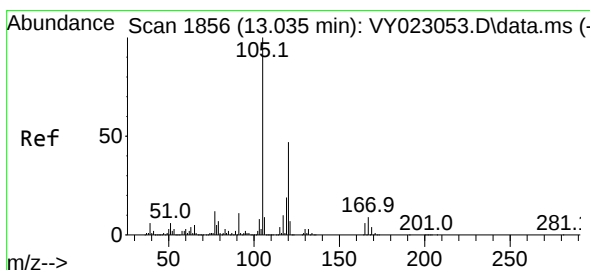
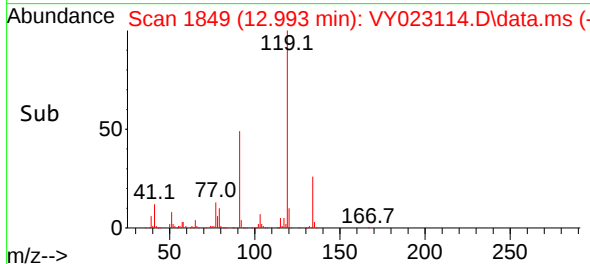
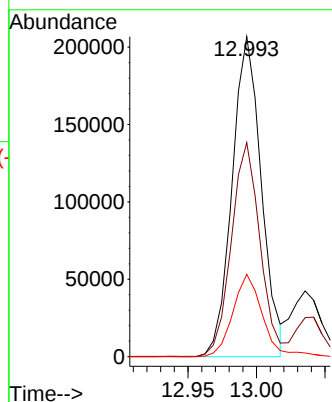
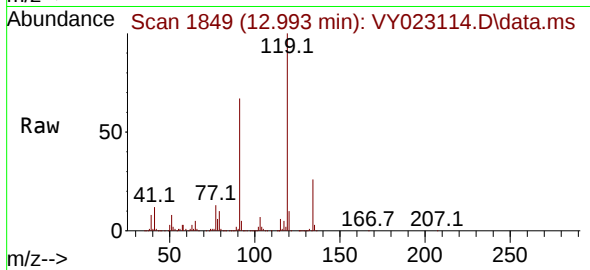
Tgt Ion:119 Resp: 307259

Ion Ratio Lower Upper

119 100

91 65.0 31.6 94.8

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.852 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023114.D

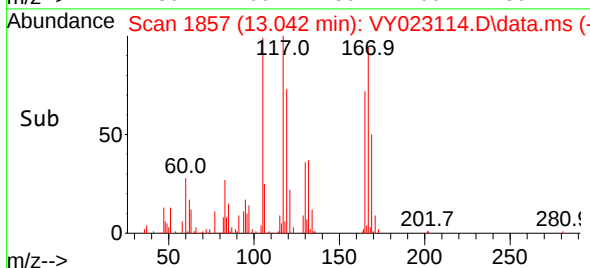
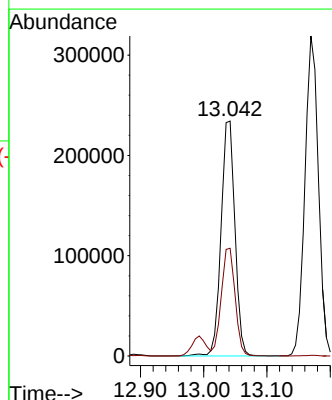
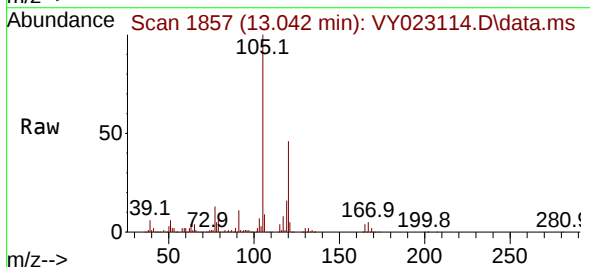
Acq: 15 Aug 2025 09:59

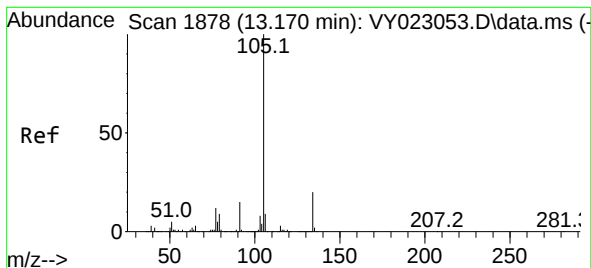
Tgt Ion:105 Resp: 355479

Ion Ratio Lower Upper

105 100

120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.682 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

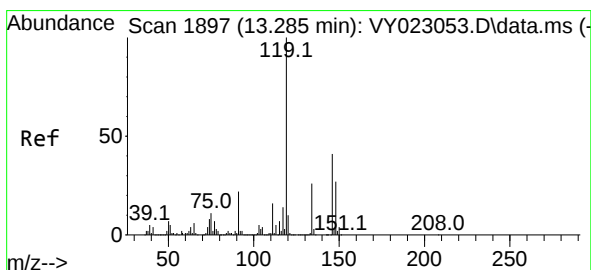
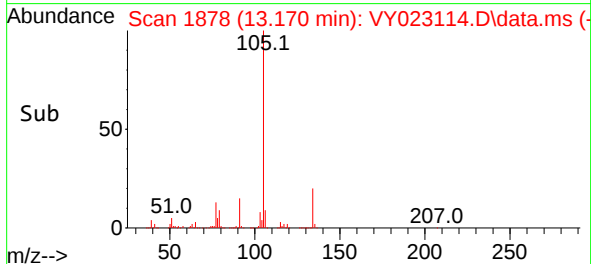
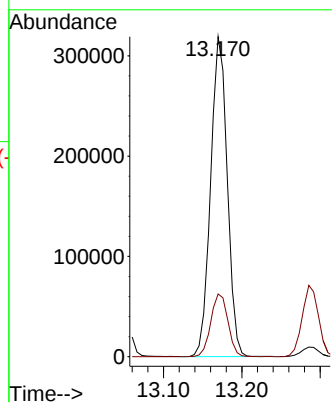
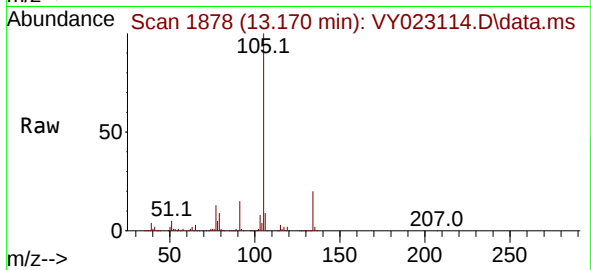
VY0815SBS01

Tgt Ion:105 Resp: 469710

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.735 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

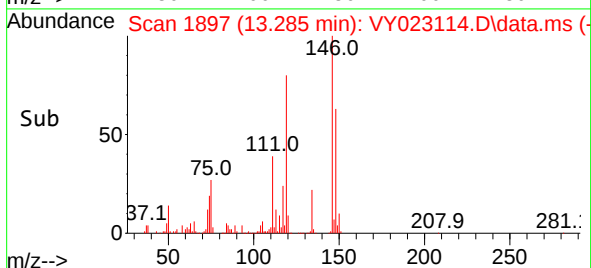
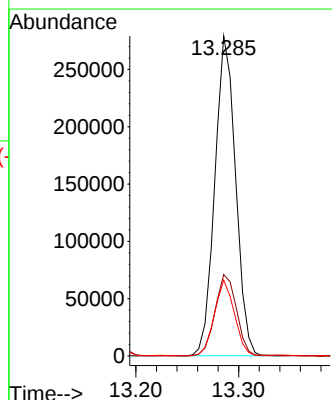
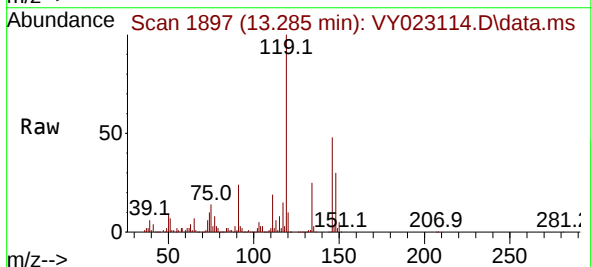
Tgt Ion:119 Resp: 390935

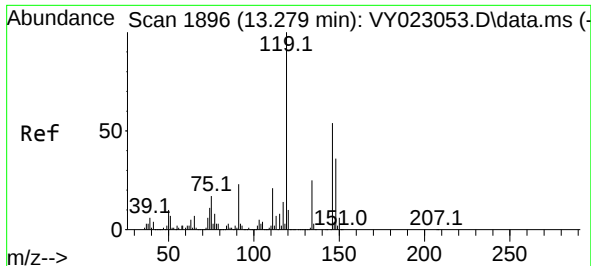
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 22.8 11.3 33.8

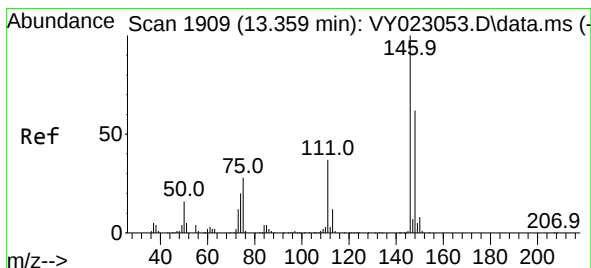
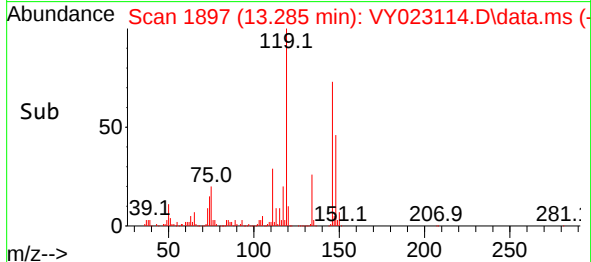
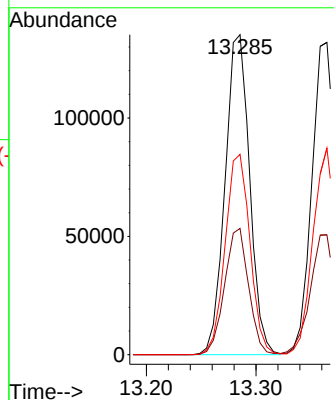
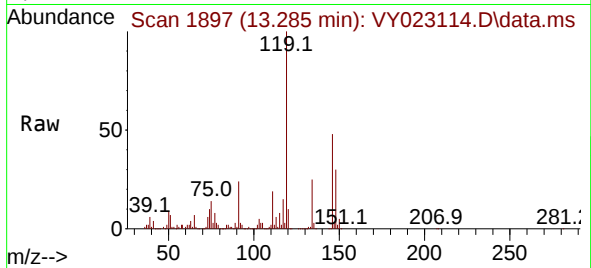




#87
 1,3-Dichlorobenzene
 Concen: 20.122 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

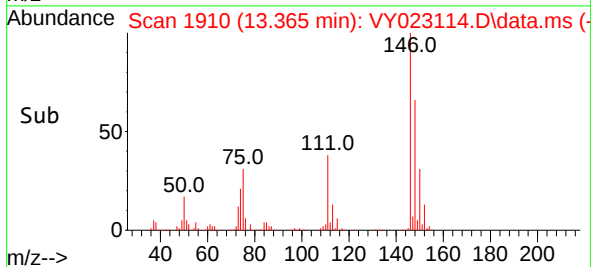
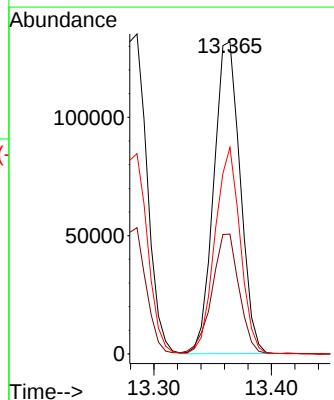
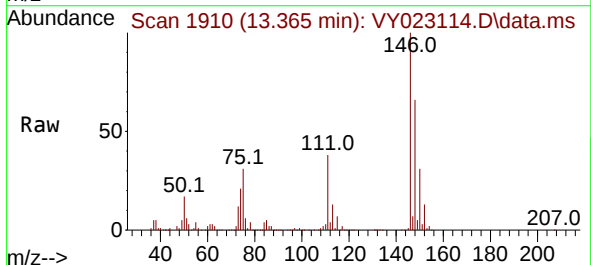
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

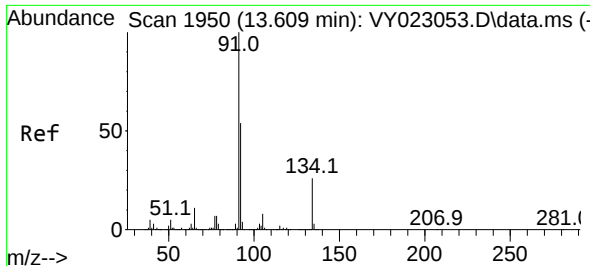
Tgt Ion:146 Resp: 210704
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 63.3 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.834 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

Tgt Ion:146 Resp: 206023
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.1
 148 63.5 31.6 94.7

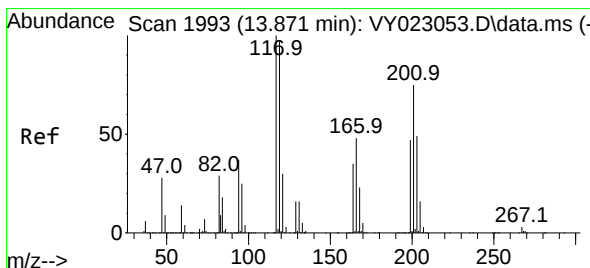
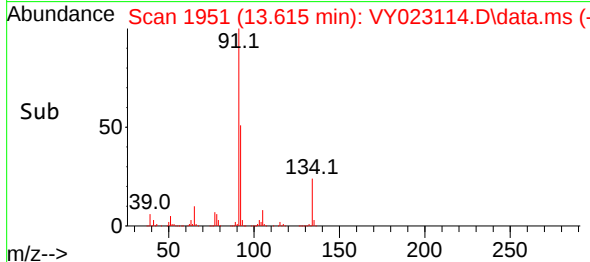
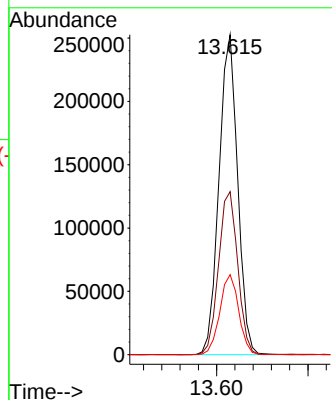
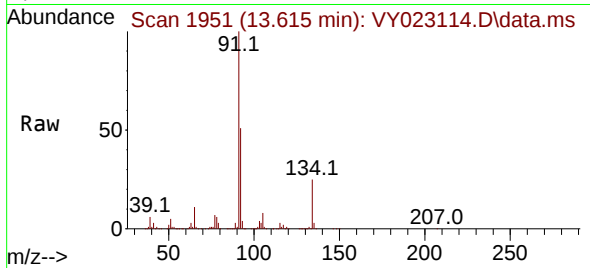




#89
n-Butylbenzene
Concen: 19.679 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

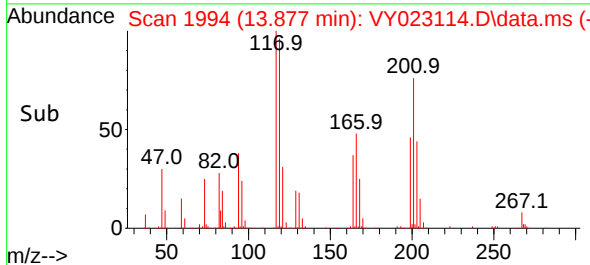
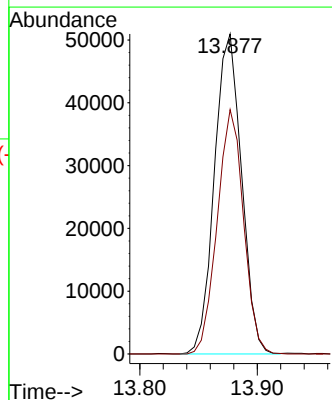
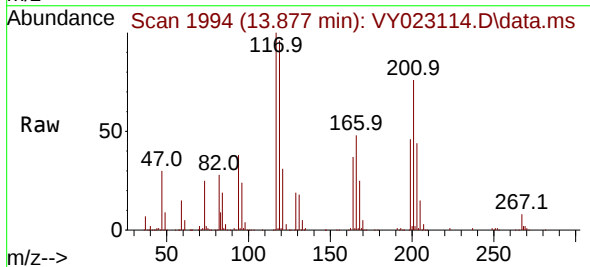
Instrument :
MSVOA_Y
ClientSampleId :
VY0815SBS01

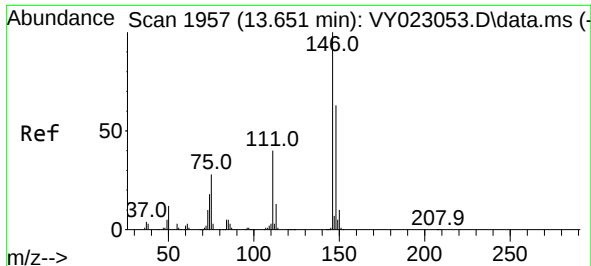
Tgt Ion: 91 Resp: 358048
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 25.4 13.2 39.5



#90
Hexachloroethane
Concen: 20.172 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023114.D
Acq: 15 Aug 2025 09:59

Tgt Ion: 117 Resp: 81804
Ion Ratio Lower Upper
117 100
201 74.0 38.4 115.1

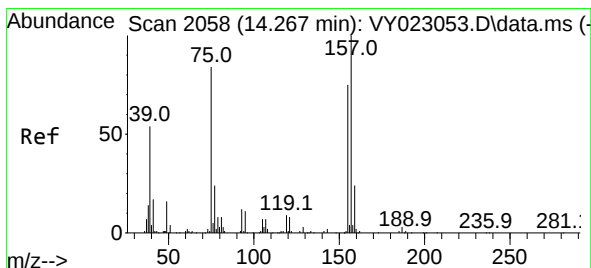
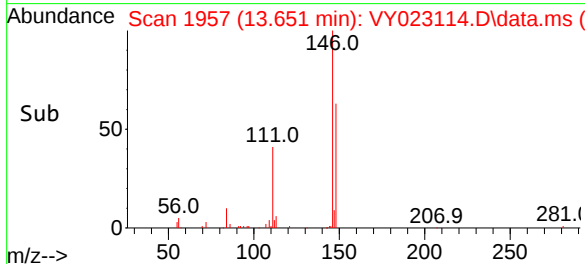
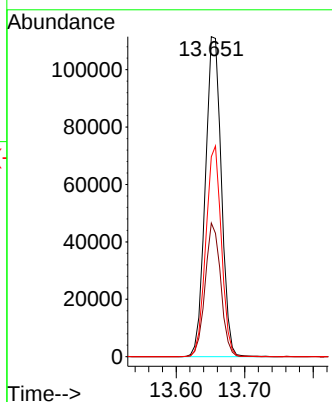
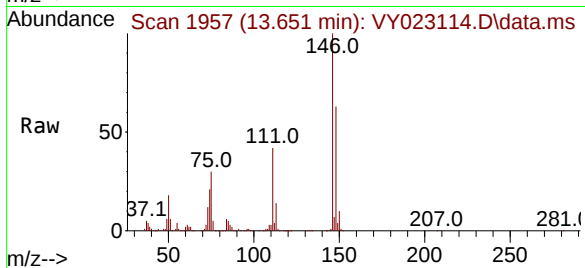




#91
 1,2-Dichlorobenzene
 Concen: 19.733 ug/l
 RT: 13.651 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

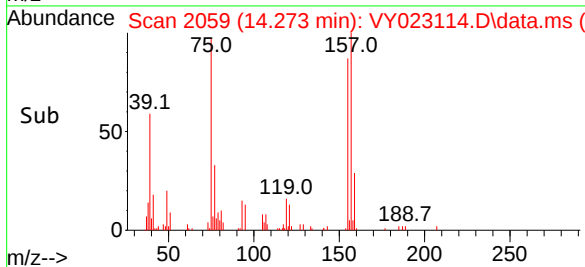
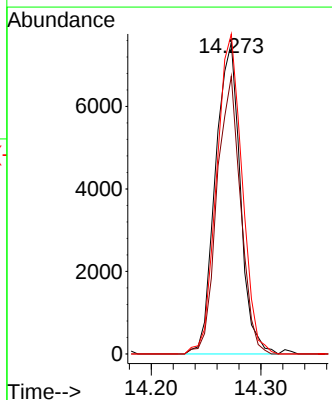
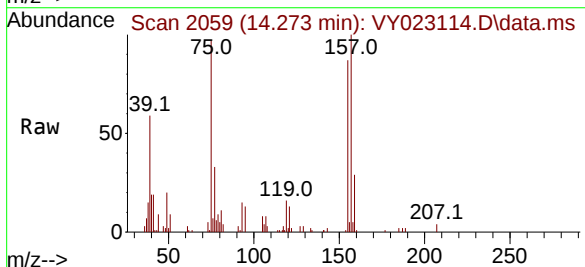
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0815SBS01

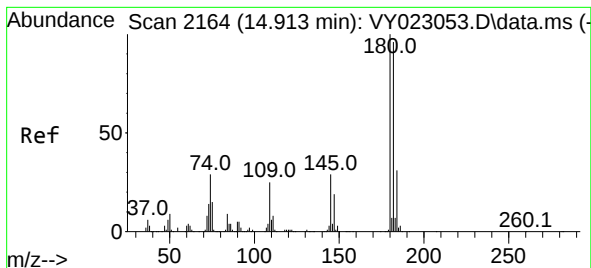
Tgt Ion:	146	Resp:	181214
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.8	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.020 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023114.D
 Acq: 15 Aug 2025 09:59

Tgt Ion:	75	Resp:	11846
Ion	Ratio	Lower	Upper
75	100		
155	85.3	43.9	131.6
157	105.5	57.2	171.6





#93

1,2,4-Trichlorobenzene

Concen: 18.504 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

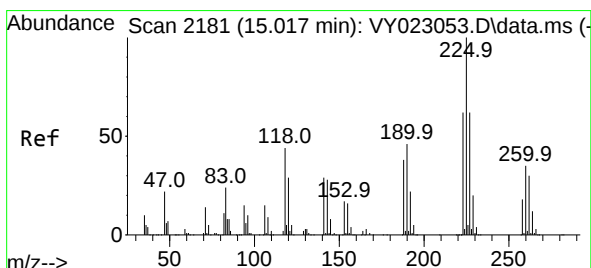
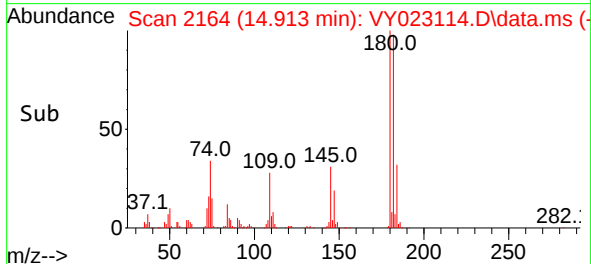
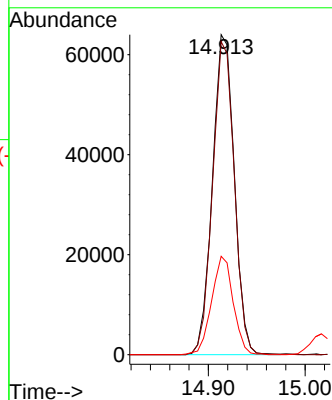
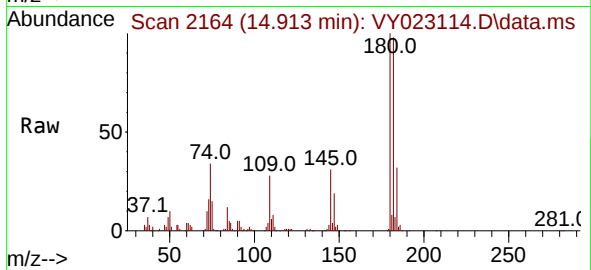
Tgt Ion:180 Resp: 100490

Ion Ratio Lower Upper

180 100

182 97.1 46.8 140.4

145 30.4 14.4 43.4



#94

Hexachlorobutadiene

Concen: 18.702 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

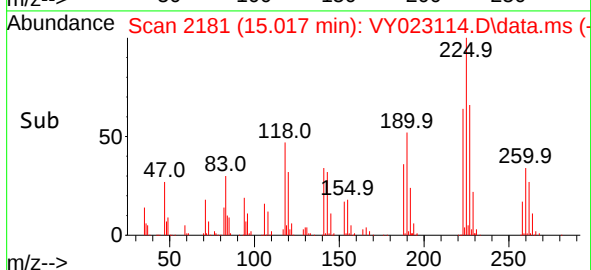
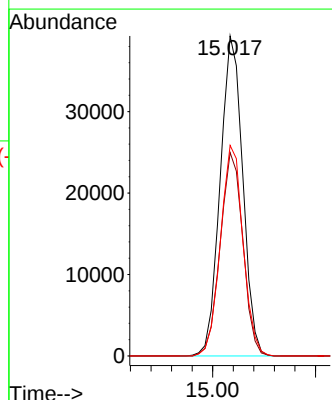
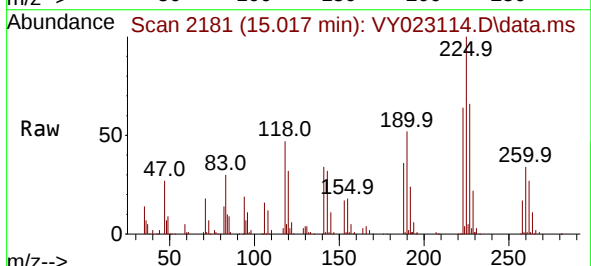
Tgt Ion:225 Resp: 59682

Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.8

227 65.9 31.5 94.5





#95

Naphthalene

Concen: 18.131 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0815SBS01

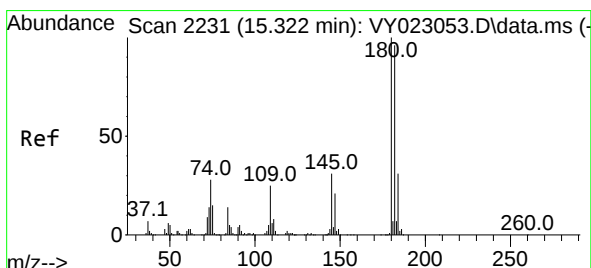
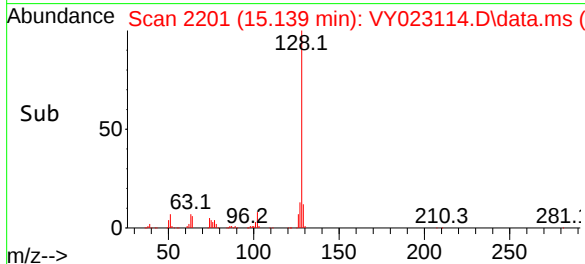
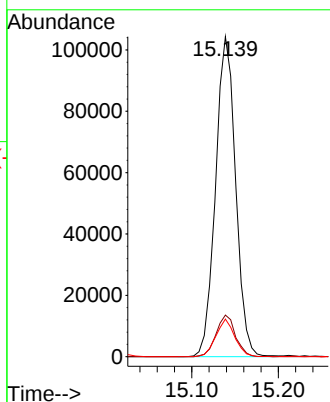
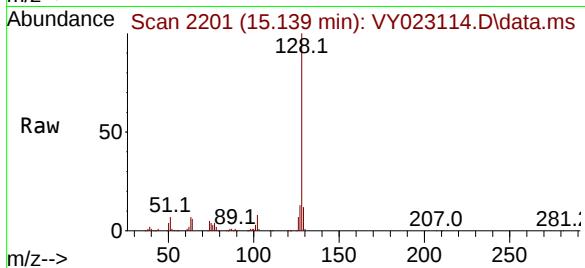
Tgt Ion:128 Resp: 167894

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 18.585 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023114.D

Acq: 15 Aug 2025 09:59

Tgt Ion:180 Resp: 86969

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 32.6 15.9 47.7

