

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110725\
 Data File : VY023706.D
 Acq On : 07 Nov 2025 09:55
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Quant Time: Nov 08 03:26:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	534062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	806622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	720114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	364554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	244202	53.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.200%	
35) Dibromofluoromethane	7.640	113	259636	51.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.020%	
50) Toluene-d8	10.109	98	983969	52.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.407	95	322073	53.038	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77793	22.190	ug/l	99
3) Chloromethane	2.074	50	104530	21.307	ug/l	98
4) Vinyl Chloride	2.208	62	130513	20.445	ug/l	98
5) Bromomethane	2.598	94	113855	21.203	ug/l	99
6) Chloroethane	2.738	64	90619	20.539	ug/l	100
7) Trichlorofluoromethane	3.062	101	187727	20.880	ug/l	100
8) Diethyl Ether	3.458	74	50198	20.821	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.824	101	105685	21.336	ug/l	100
10) Methyl Iodide	4.013	142	113058	19.328	ug/l	100
11) Tert butyl alcohol	4.854	59	38548	131.228	ug/l	99
12) 1,1-Dichloroethene	3.793	96	99472	20.846	ug/l	95
13) Acrolein	3.653	56	43172	114.345	ug/l	100
14) Allyl chloride	4.385	41	124736	21.477	ug/l	98
15) Acrylonitrile	5.061	53	107270	116.424	ug/l	99
16) Acetone	3.872	43	143436	126.667	ug/l	100
17) Carbon Disulfide	4.110	76	314481	21.473	ug/l	98
18) Methyl Acetate	4.391	43	44843	17.954	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	235648	21.298	ug/l	97
20) Methylene Chloride	4.622	84	117272	21.453	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	113191	21.039	ug/l	97
22) Diisopropyl ether	6.018	45	292417	22.595	ug/l	92
23) Vinyl Acetate	5.963	43	815946	118.147	ug/l	97
24) 1,1-Dichloroethane	5.921	63	184636	21.416	ug/l	97
25) 2-Butanone	6.896	43	163569	124.934	ug/l	97
26) 2,2-Dichloropropane	6.890	77	170506	21.500	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	128776	20.958	ug/l	97
28) Bromochloromethane	7.250	49	73375	22.227	ug/l	94
29) Tetrahydrofuran	7.262	42	82981	119.010	ug/l	96
30) Chloroform	7.421	83	205476	21.361	ug/l	97
31) Cyclohexane	7.707	56	159959	21.305	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	182241	21.197	ug/l	99
36) 1,1-Dichloropropene	7.841	75	140621	20.876	ug/l	99
37) Ethyl Acetate	6.988	43	63253	24.257	ug/l	99
38) Carbon Tetrachloride	7.823	117	164365	20.710	ug/l	97
39) Methylcyclohexane	9.109	83	171413	19.916	ug/l	94
40) Benzene	8.085	78	448775	21.137	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	29343	20.615	ug/l #	78
42) 1,2-Dichloroethane	8.158	62	115289	21.463	ug/l	100
43) Isopropyl Acetate	8.201	43	108362	22.117	ug/l	98
44) Trichloroethene	8.865	130	122984	20.167	ug/l	99
45) 1,2-Dichloropropane	9.140	63	100325	21.410	ug/l	98
46) Dibromomethane	9.231	93	62009	21.357	ug/l	98
47) Bromodichloromethane	9.426	83	155362	21.224	ug/l	98
48) Methyl methacrylate	9.225	41	49434	21.356	ug/l	99
49) 1,4-Dioxane	9.231	88	13235	445.423	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	304119	116.720	ug/l	99
52) Toluene	10.170	92	288320	21.270	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	130432	21.058	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	157873	21.274	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	82828	21.347	ug/l	92
56) Ethyl methacrylate	10.438	69	91285	21.353	ug/l	98
57) 1,3-Dichloropropane	10.719	76	133037	21.616	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	211381	107.752	ug/l	98
59) 2-Hexanone	10.761	43	230140	121.066	ug/l	97
60) Dibromochloromethane	10.914	129	112064	21.020	ug/l	99
61) 1,2-Dibromoethane	11.017	107	78515	21.562	ug/l	99
64) Tetrachloroethene	10.646	164	147603	19.693	ug/l	98
65) Chlorobenzene	11.444	112	315797	20.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	111714	20.152	ug/l	99
67) Ethyl Benzene	11.517	91	515089	20.301	ug/l	98
68) m/p-Xylenes	11.633	106	411630	40.606	ug/l	97
69) o-Xylene	11.956	106	189725	20.247	ug/l	100
70) Styrene	11.969	104	313288	20.263	ug/l	99
71) Bromoform	12.133	173	68403	21.128	ug/l #	98
73) Isopropylbenzene	12.255	105	487083	19.977	ug/l	99
74) N-amyl acetate	12.072	43	88036	21.326	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	84758	21.766	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	66848m	22.657	ug/l	
77) Bromobenzene	12.535	156	126416	19.988	ug/l	95
78) n-propylbenzene	12.596	91	590929	20.605	ug/l	100
79) 2-Chlorotoluene	12.682	91	342029	20.552	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	406275	20.508	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	28082	21.510	ug/l	98
82) 4-Chlorotoluene	12.779	91	357378	20.822	ug/l	99
83) tert-Butylbenzene	12.999	119	353670	19.602	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	403238	20.551	ug/l	100
85) sec-Butylbenzene	13.176	105	529844	20.360	ug/l	100
86) p-Isopropyltoluene	13.291	119	442699	20.095	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	247209	19.859	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	245286	20.060	ug/l	99
89) n-Butylbenzene	13.615	91	376350	19.646	ug/l	100
90) Hexachloroethane	13.883	117	94289	19.916	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	217085	20.236	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13516	22.542	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	118554	19.321	ug/l	100
94) Hexachlorobutadiene	15.023	225	76988	19.149	ug/l	99
95) Naphthalene	15.145	128	178794	20.175	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	103600	20.208	ug/l	99

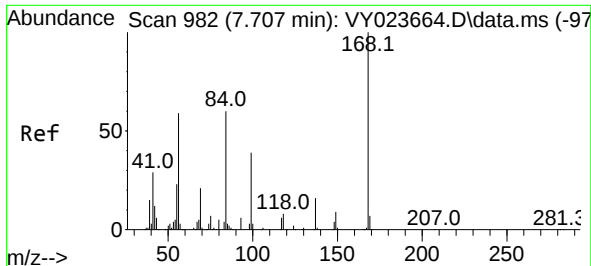
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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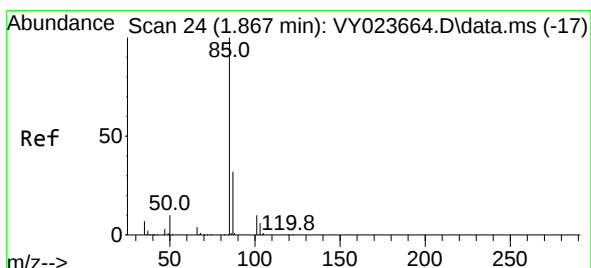
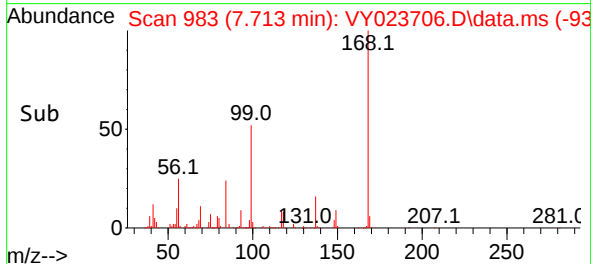
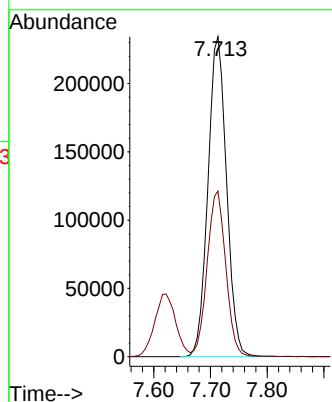
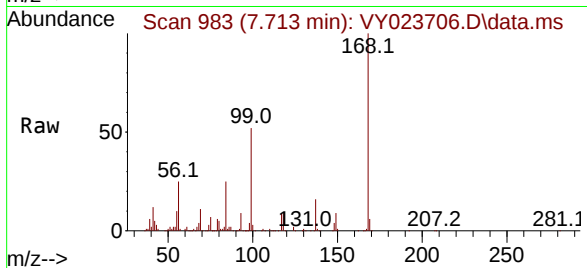
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023706.D
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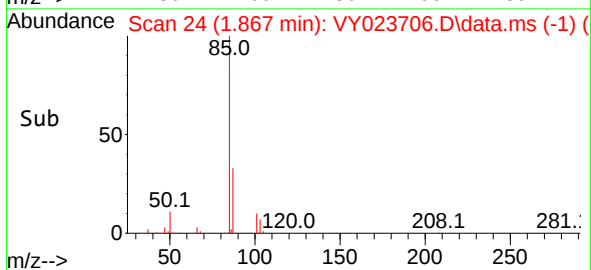
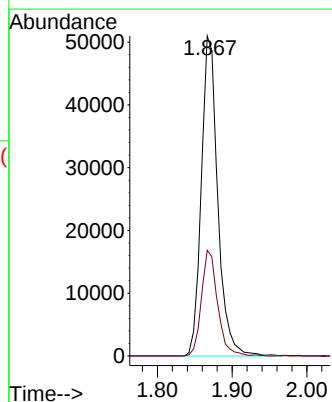
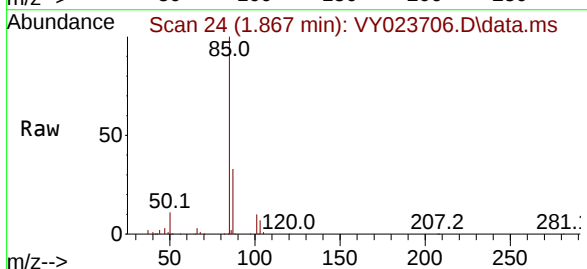
Instrument :
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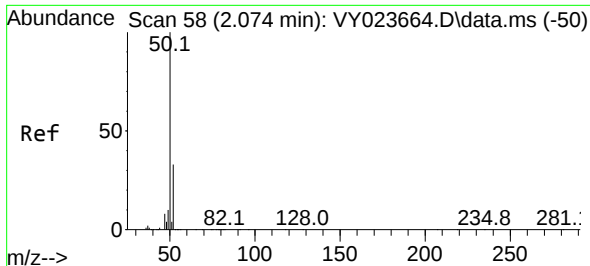
Tgt Ion:168 Resp: 534062
Ion Ratio Lower Upper
168 100
99 51.7 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 22.190 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 85 Resp: 77793
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6

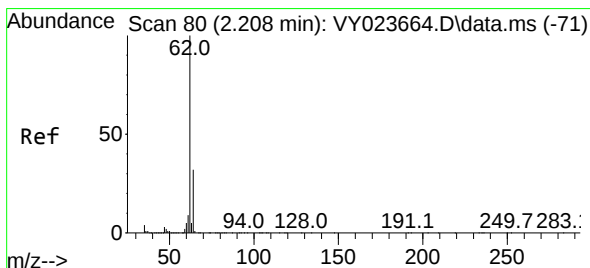
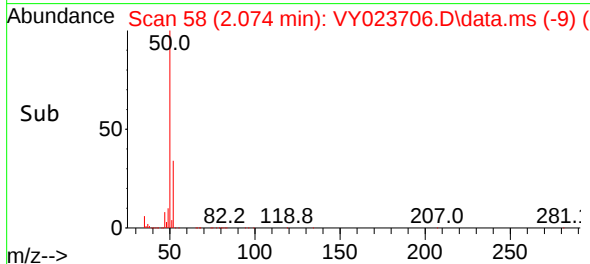
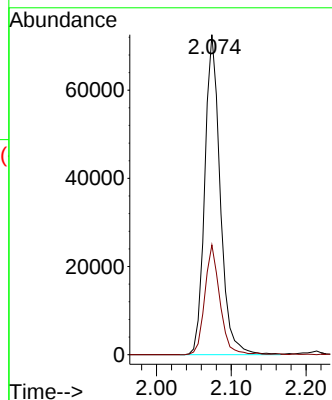
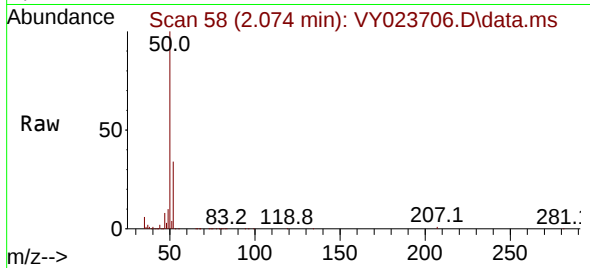




#3
Chloromethane
Concen: 21.307 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

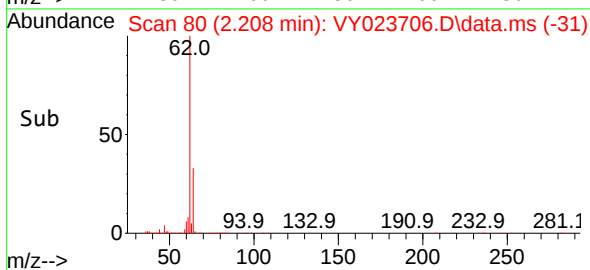
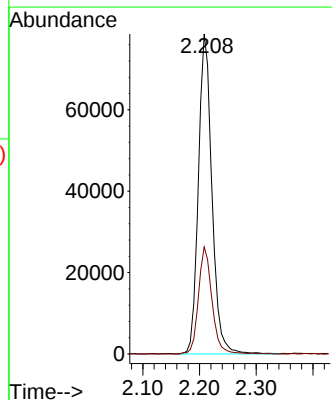
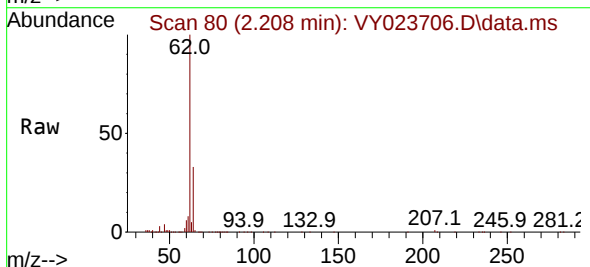
Instrument :
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ClientSampleId :
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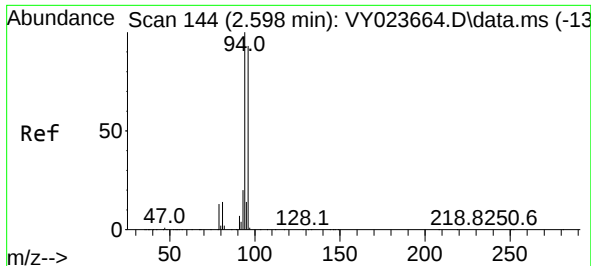
Tgt Ion: 50 Resp: 104530
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7



#4
Vinyl Chloride
Concen: 20.445 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 62 Resp: 130513
Ion Ratio Lower Upper
62 100
64 33.4 25.7 38.5

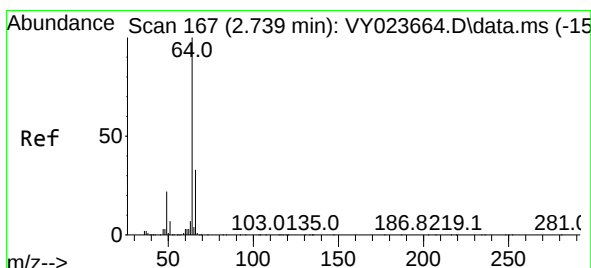
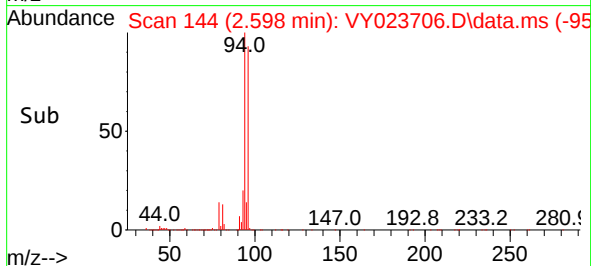
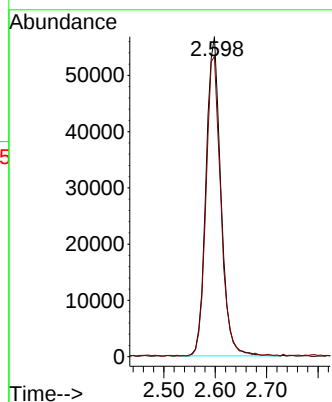
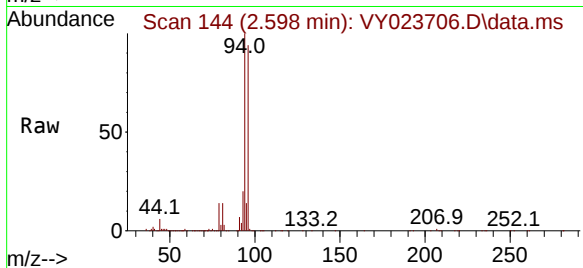




#5
Bromomethane
Concen: 21.203 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

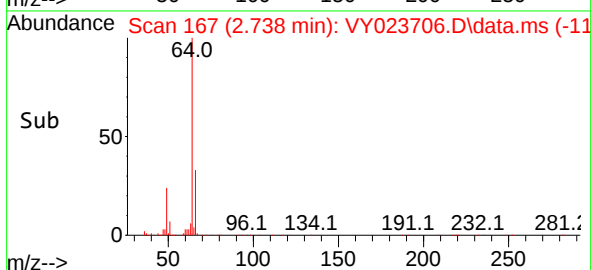
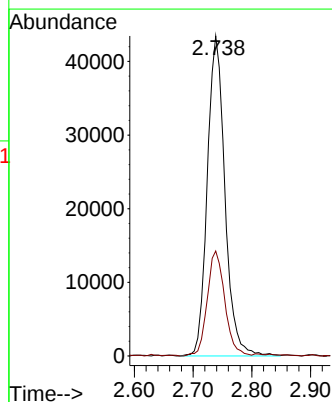
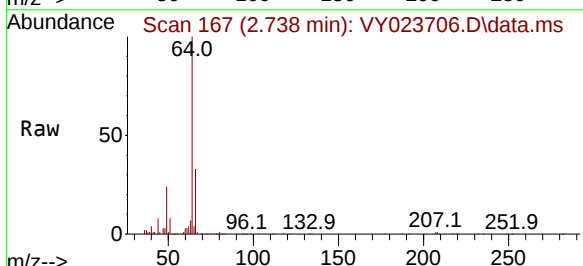
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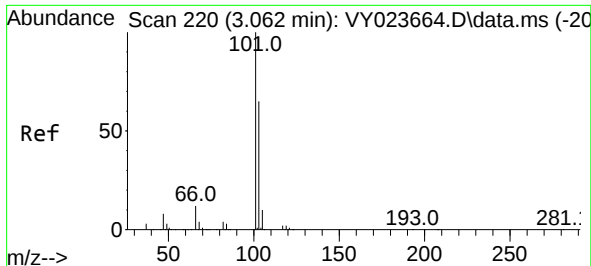
Tgt Ion: 94 Resp: 113855
Ion Ratio Lower Upper
94 100
96 93.8 74.4 111.6



#6
Chloroethane
Concen: 20.539 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 64 Resp: 90619
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

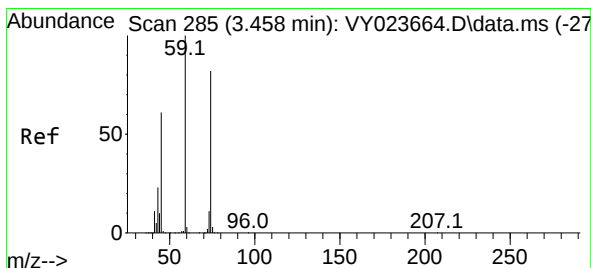
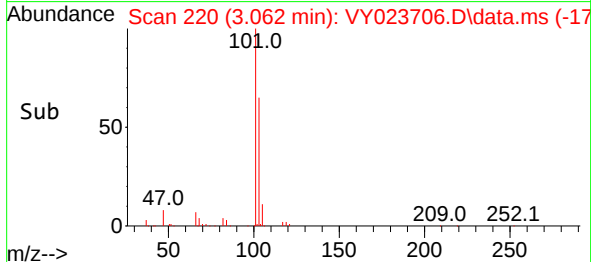
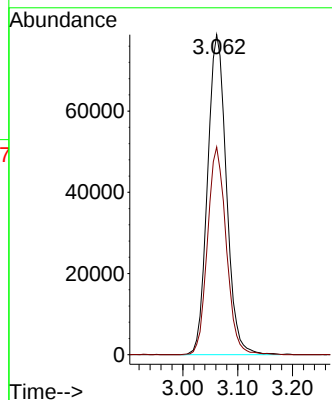
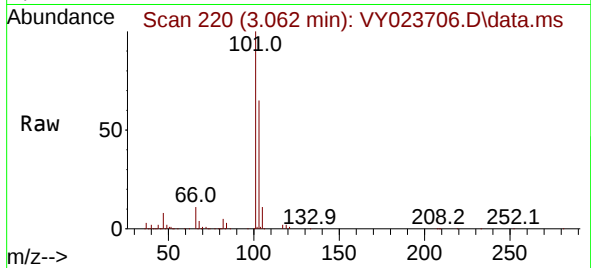




#7
 Trichlorofluoromethane
 Concen: 20.880 ug/l
 RT: 3.062 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

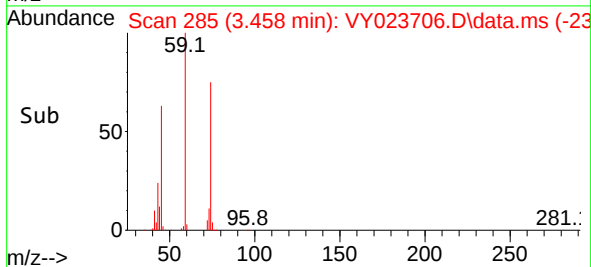
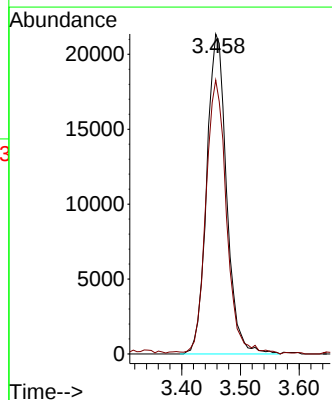
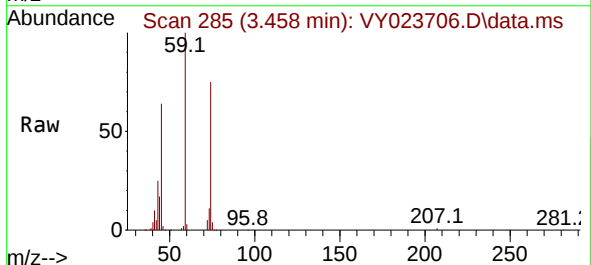
Instrument :
 MSVOA_Y
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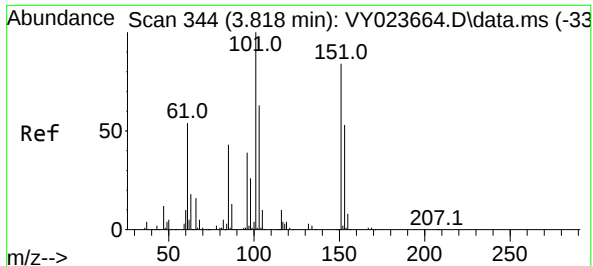
Tgt Ion:101 Resp: 187727
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.1 78.1



#8
 Diethyl Ether
 Concen: 20.821 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.000 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

Tgt Ion: 74 Resp: 50198
 Ion Ratio Lower Upper
 74 100
 45 88.8 40.6 121.7

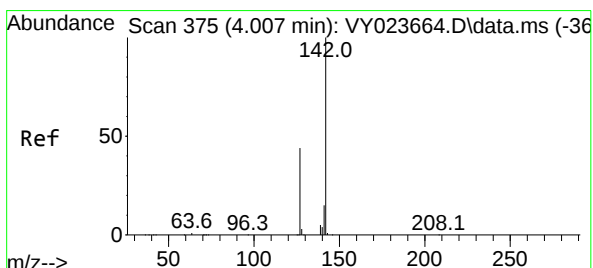
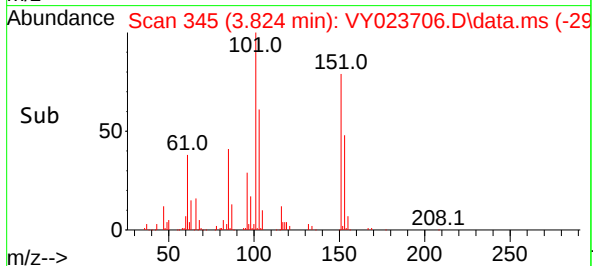
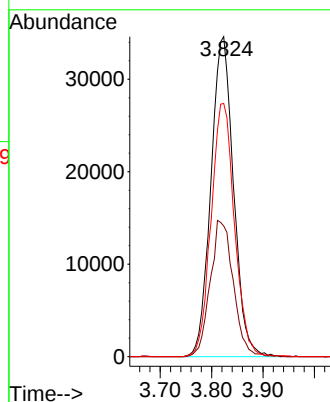
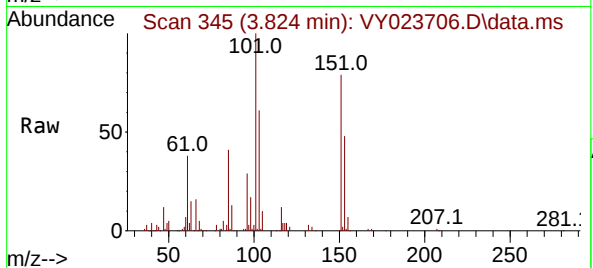




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.336 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY023706.D
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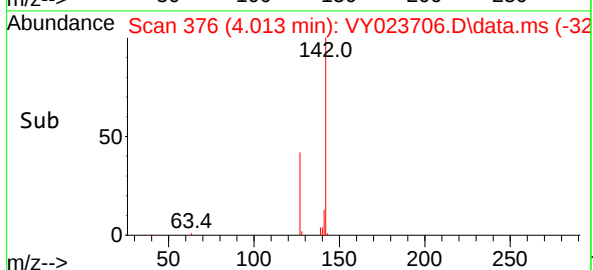
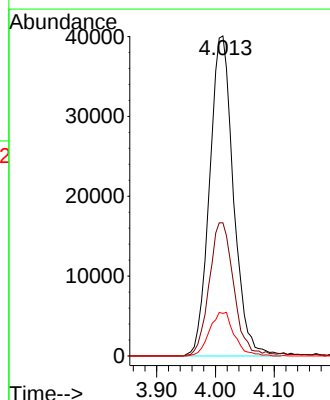
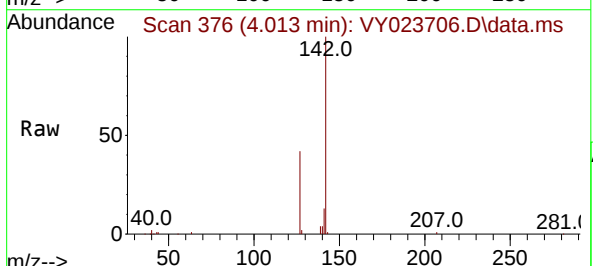
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

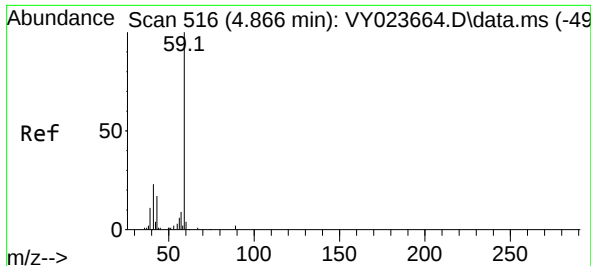
Tgt Ion:101 Resp: 105685
Ion Ratio Lower Upper
101 100
85 43.5 34.4 51.6
151 81.7 65.6 98.4



#10
Methyl Iodide
Concen: 19.328 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion:142 Resp: 113058
Ion Ratio Lower Upper
142 100
127 43.0 34.6 51.8
141 14.1 11.6 17.4

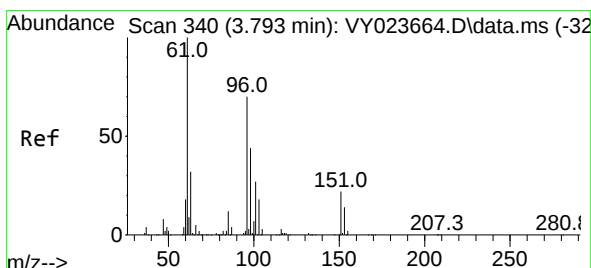
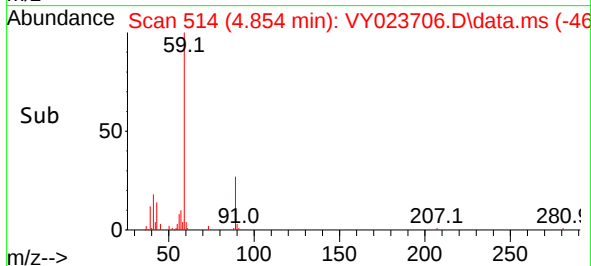
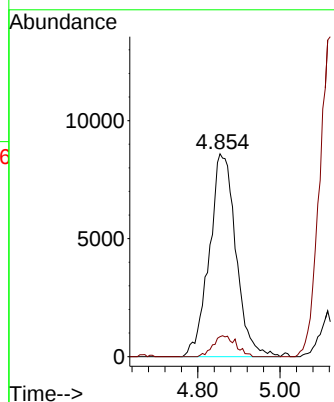
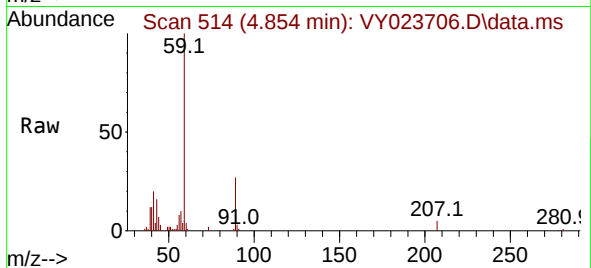




#11
Tert butyl alcohol
Concen: 131.228 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

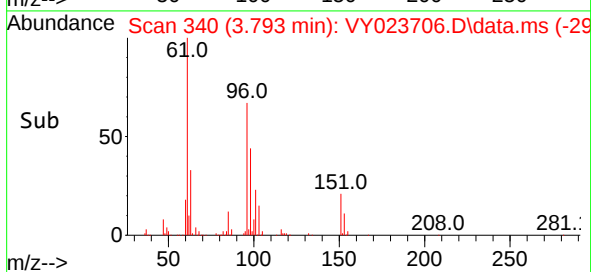
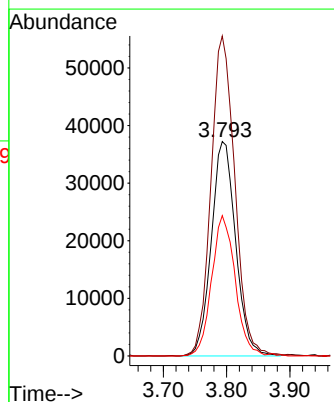
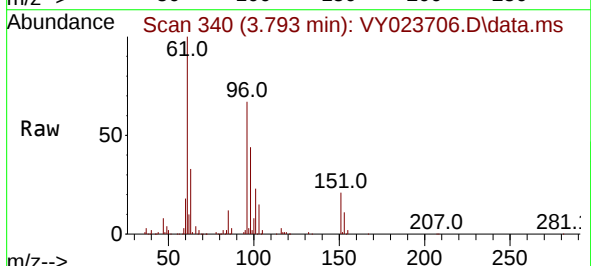
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

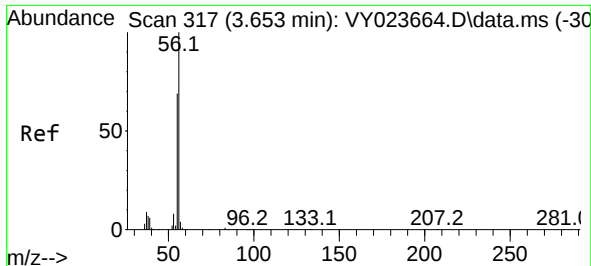
Tgt Ion: 59 Resp: 38548
Ion Ratio Lower Upper
59 100
57 8.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.846 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 96 Resp: 99472
Ion Ratio Lower Upper
96 100
61 149.3 114.0 171.0
98 65.5 50.2 75.2

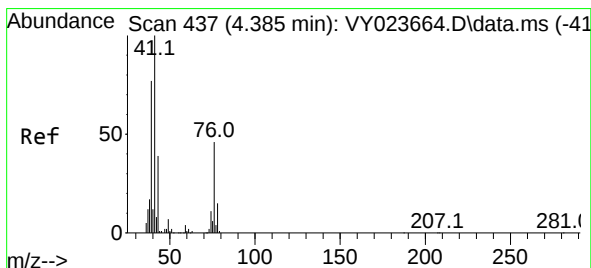
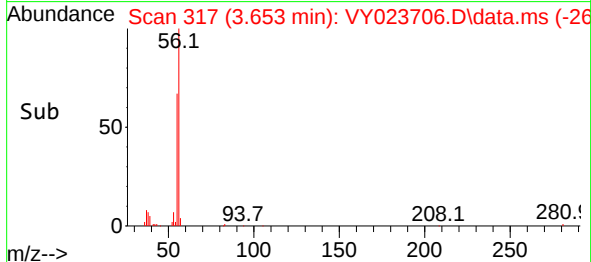
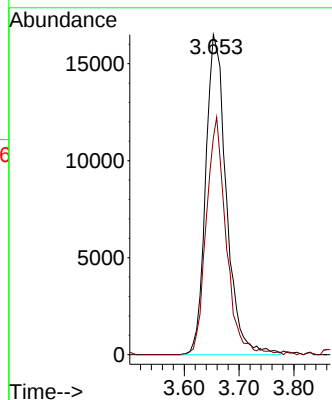
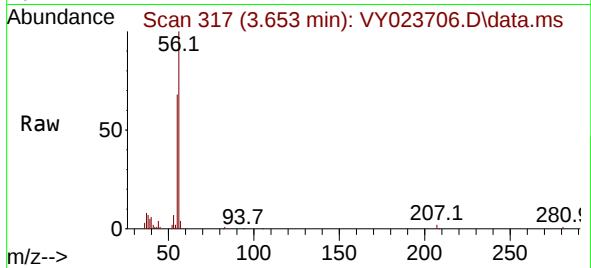




#13
Acrolein
Concen: 114.345 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

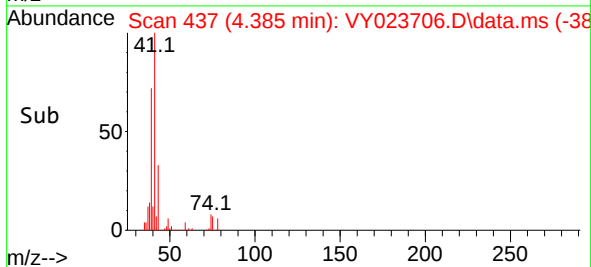
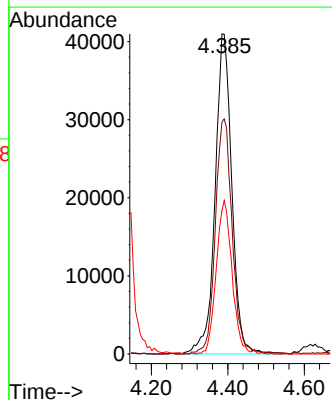
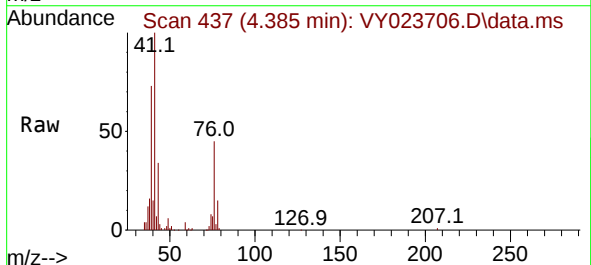
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

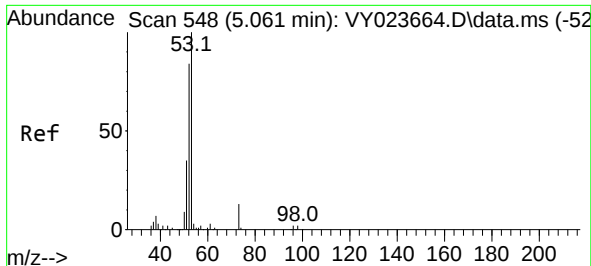
Tgt Ion: 56 Resp: 43172
Ion Ratio Lower Upper
56 100
55 70.4 56.6 84.8



#14
Allyl chloride
Concen: 21.477 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 41 Resp: 124736
Ion Ratio Lower Upper
41 100
39 74.2 60.4 90.6
76 45.1 38.0 57.0

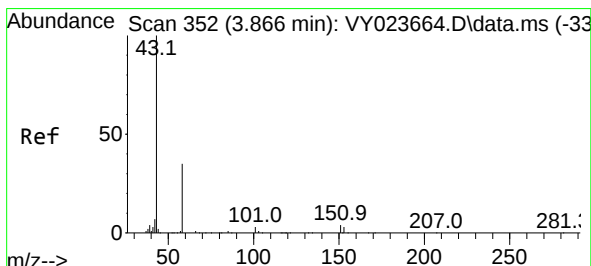
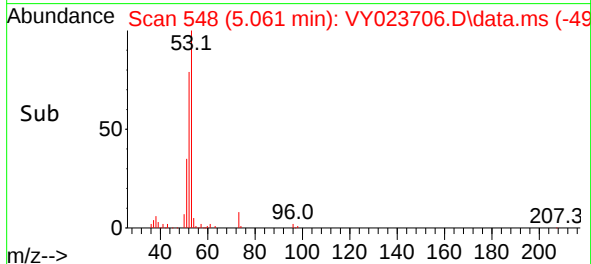
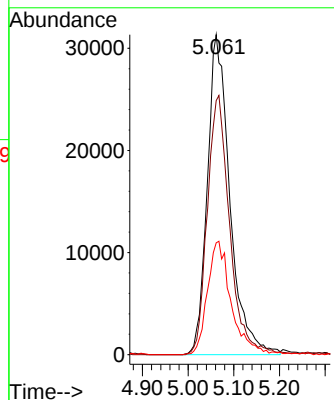
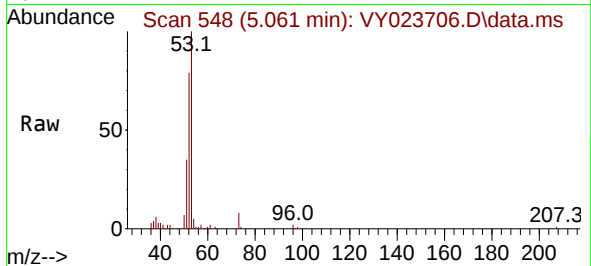




#15
Acrylonitrile
Concen: 116.424 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

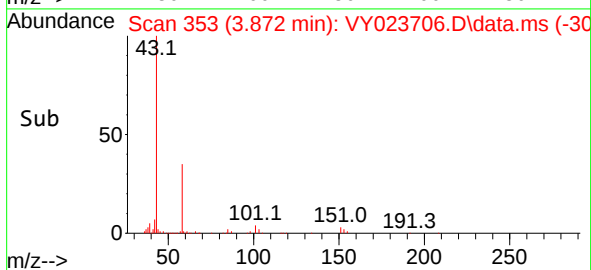
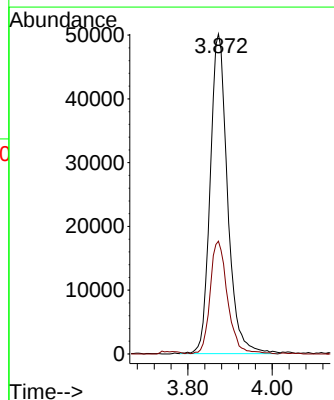
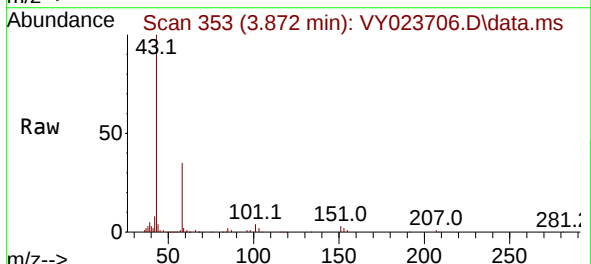
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

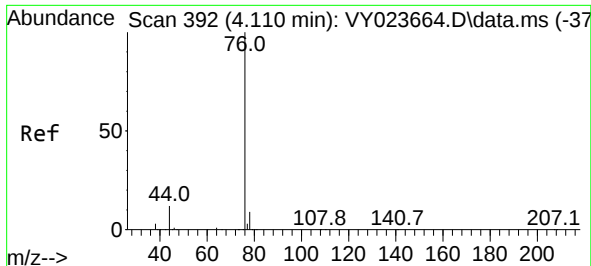
Tgt Ion: 53 Resp: 107270
Ion Ratio Lower Upper
53 100
52 80.4 64.9 97.3
51 37.3 29.4 44.0



#16
Acetone
Concen: 126.667 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 43 Resp: 143436
Ion Ratio Lower Upper
43 100
58 35.1 28.2 42.4

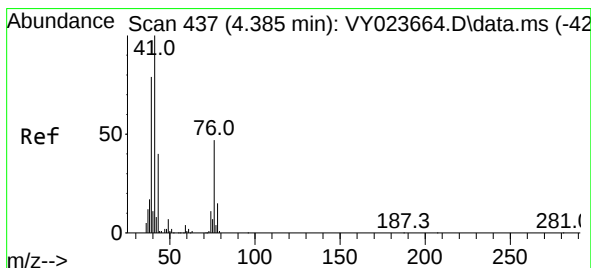
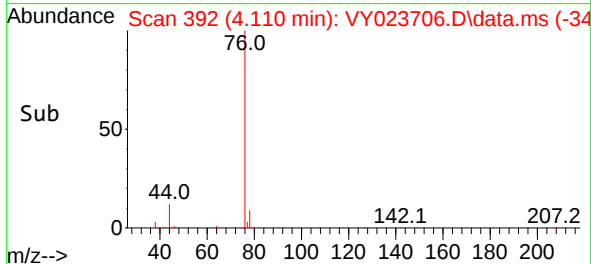
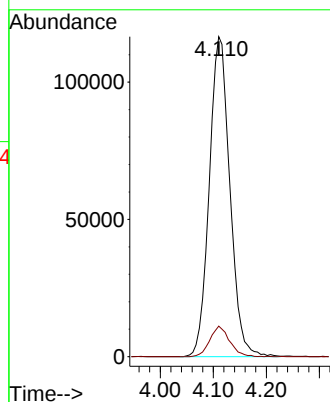
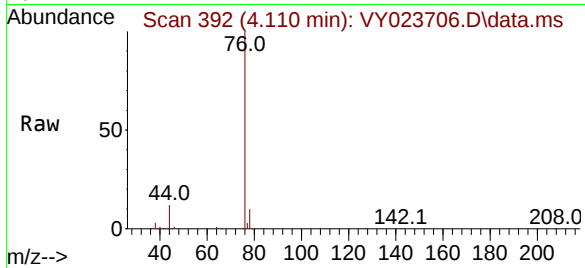




#17
Carbon Disulfide
Concen: 21.473 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

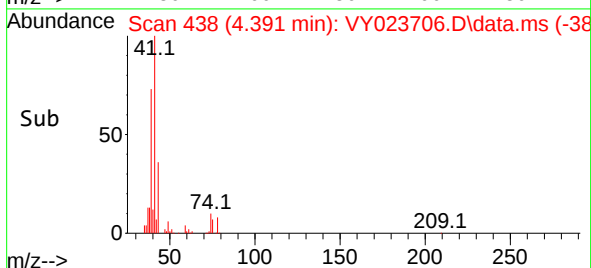
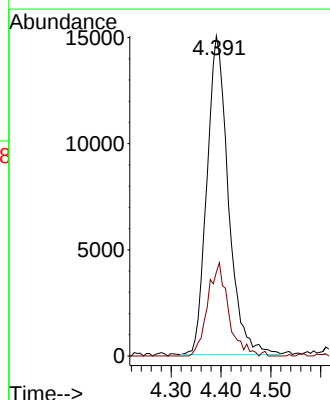
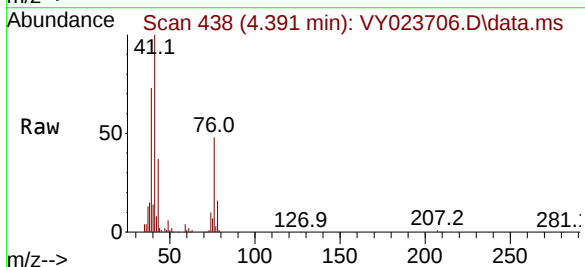
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 76 Resp: 314481
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 17.954 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 43 Resp: 44843
Ion Ratio Lower Upper
43 100
74 28.3 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 21.298 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

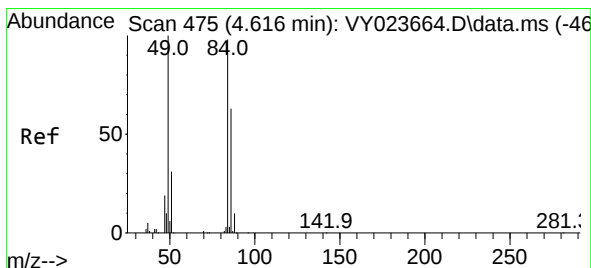
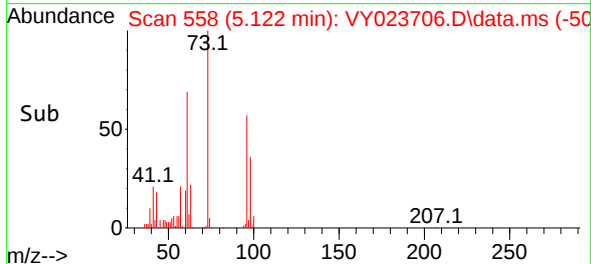
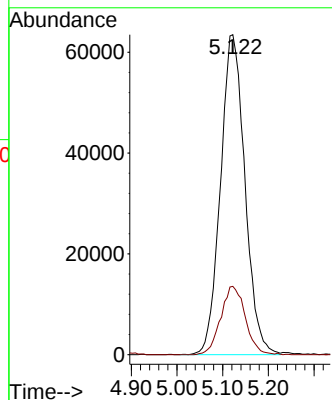
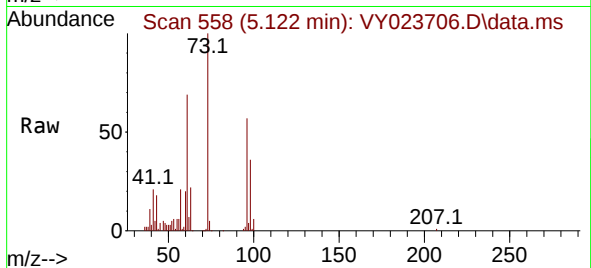
VY1107SBS01

Tgt Ion: 73 Resp: 235648

Ion Ratio Lower Upper

73 100

57 21.4 16.1 24.1



#20

Methylene Chloride

Concen: 21.453 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Tgt Ion: 84 Resp: 117272

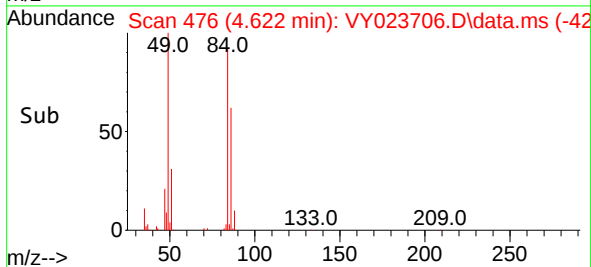
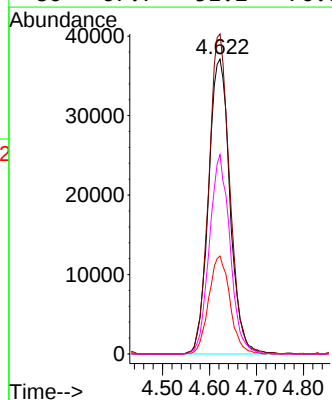
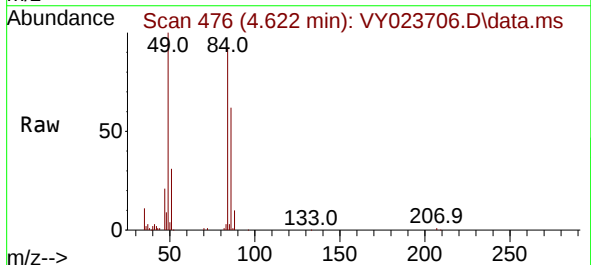
Ion Ratio Lower Upper

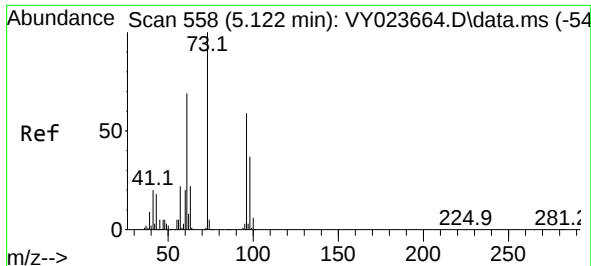
84 100

49 108.6 81.5 122.3

51 33.2 25.5 38.3

86 67.7 51.2 76.8

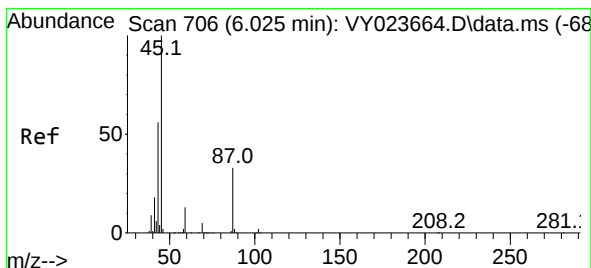
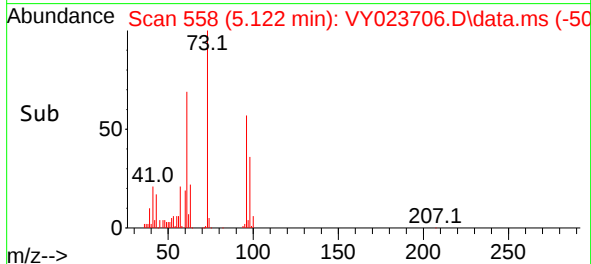
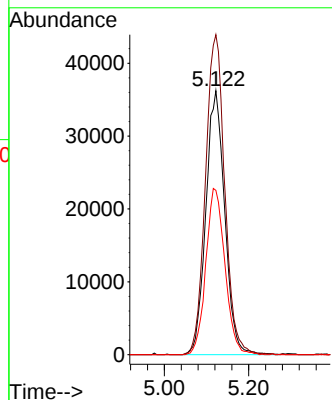
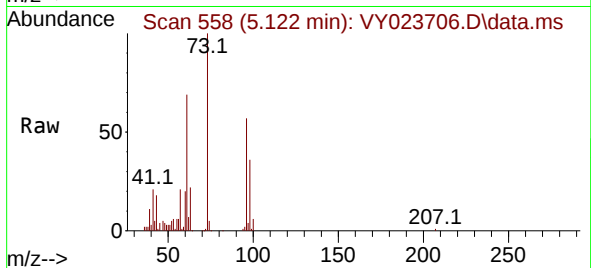




#21
trans-1,2-Dichloroethene
Concen: 21.039 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

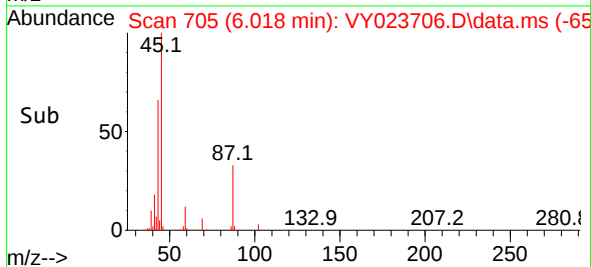
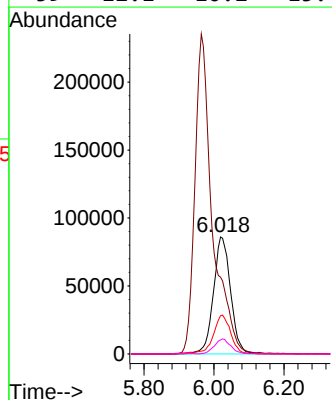
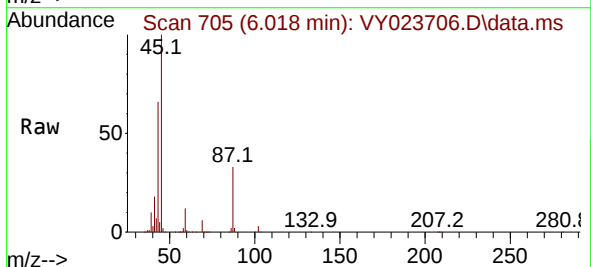
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

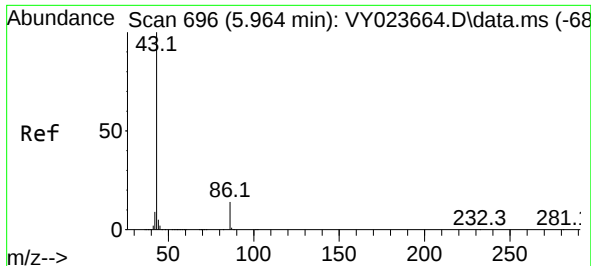
Tgt Ion: 96 Resp: 113191
Ion Ratio Lower Upper
96 100
61 121.2 93.3 139.9
98 62.3 50.6 75.8



#22
Diisopropyl ether
Concen: 22.595 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 45 Resp: 292417
Ion Ratio Lower Upper
45 100
43 65.2 44.7 67.1
87 32.7 27.2 40.8
59 12.1 10.2 15.4

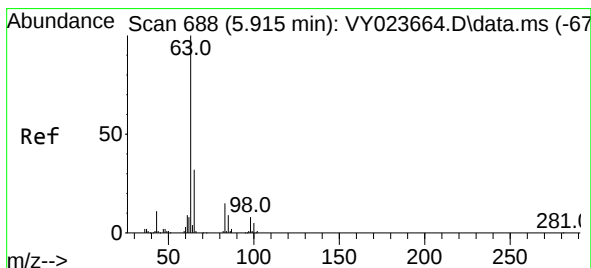
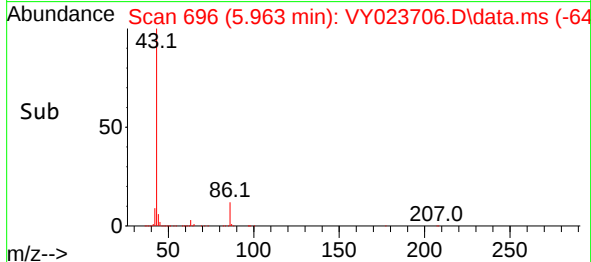
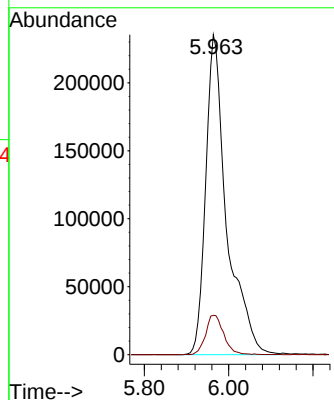
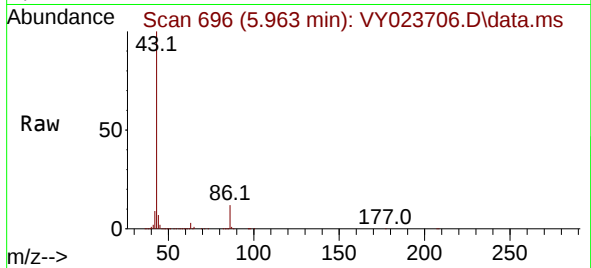




#23
 Vinyl Acetate
 Concen: 118.147 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

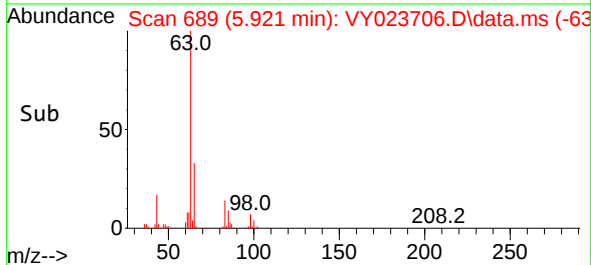
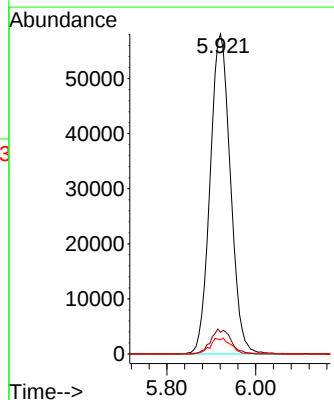
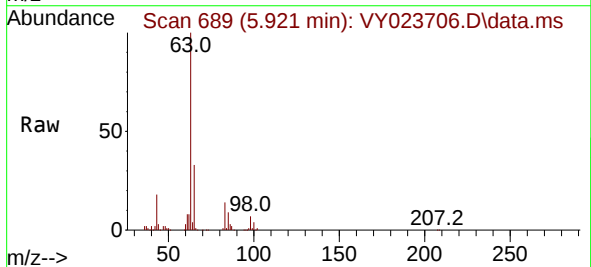
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

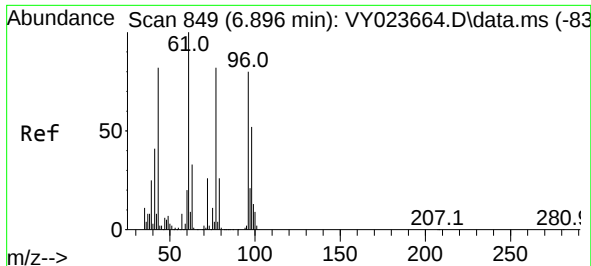
Tgt Ion: 43 Resp: 815946
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 21.416 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

Tgt Ion: 63 Resp: 184636
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 11.9
 100 4.4 2.6 7.8





#25

2-Butanone

Concen: 124.934 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

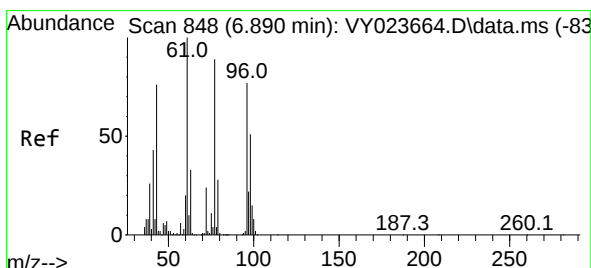
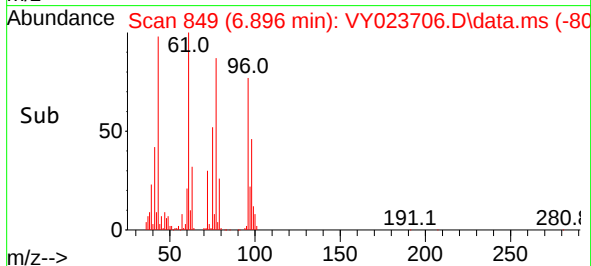
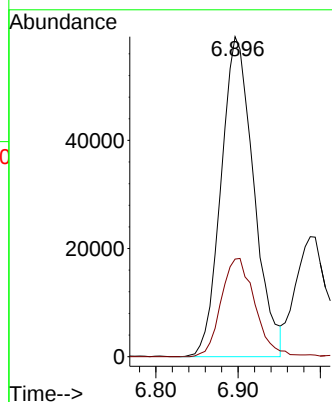
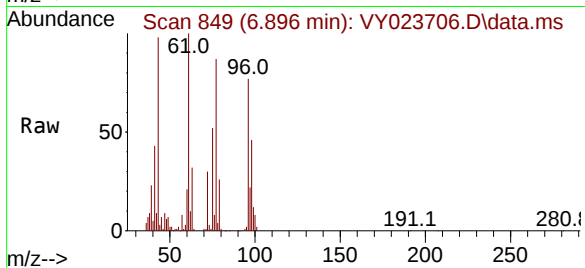
VY1107SBS01

Tgt Ion: 43 Resp: 163569

Ion Ratio Lower Upper

43 100

72 30.5 25.7 38.5



#26

2,2-Dichloropropane

Concen: 21.500 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023706.D

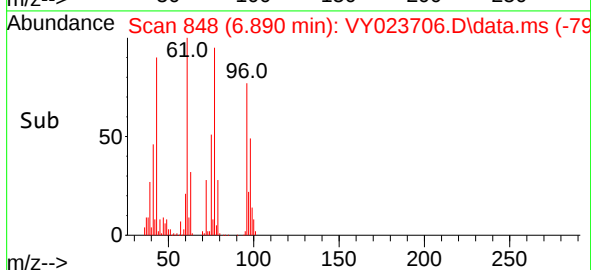
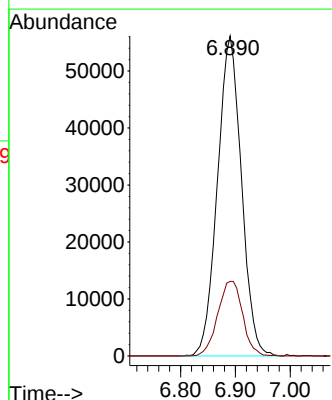
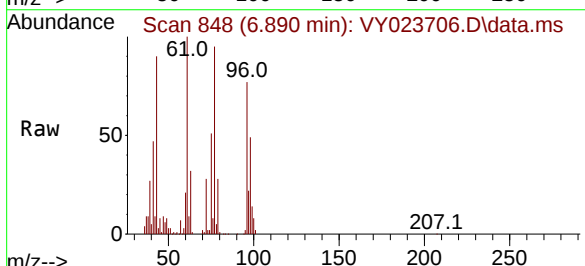
Acq: 07 Nov 2025 09:55

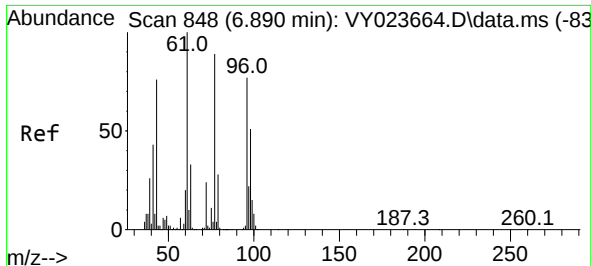
Tgt Ion: 77 Resp: 170506

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.958 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

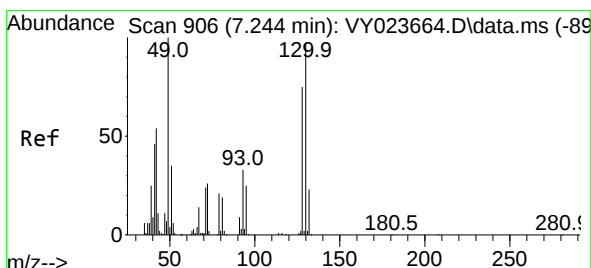
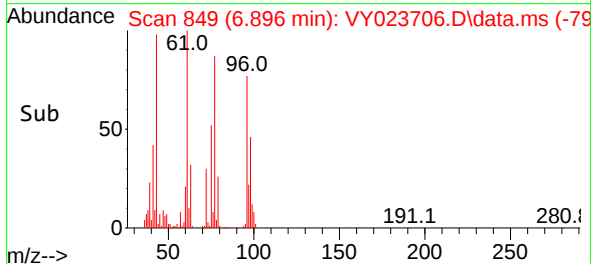
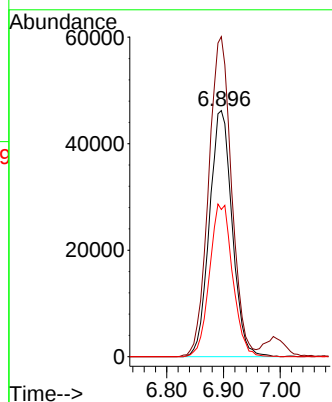
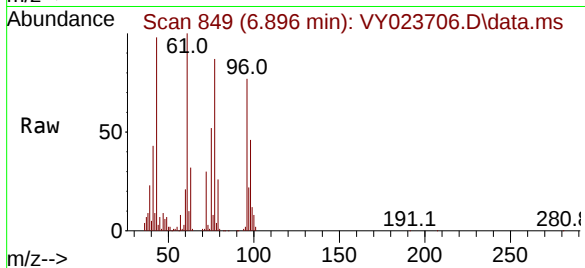
Tgt Ion: 96 Resp: 128776

Ion Ratio Lower Upper

96 100

61 131.3 0.0 255.0

98 63.0 0.0 129.8



#28

Bromochloromethane

Concen: 22.227 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

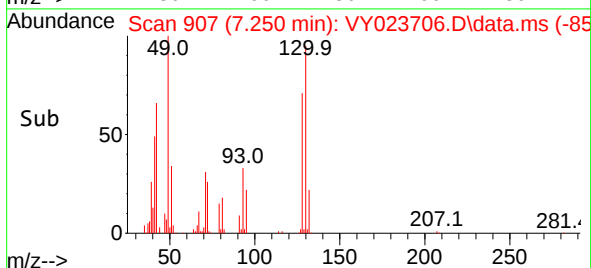
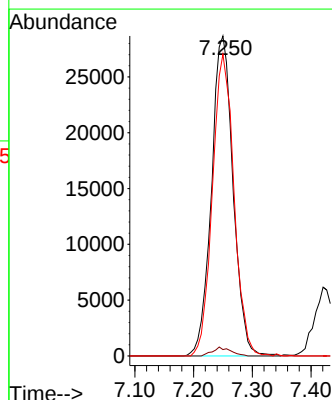
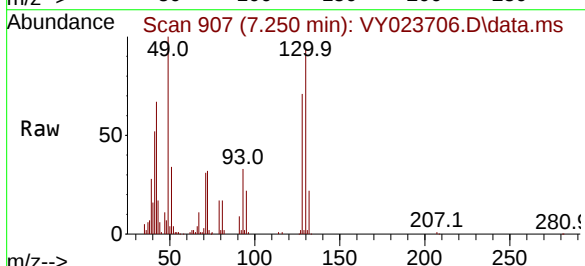
Tgt Ion: 49 Resp: 73375

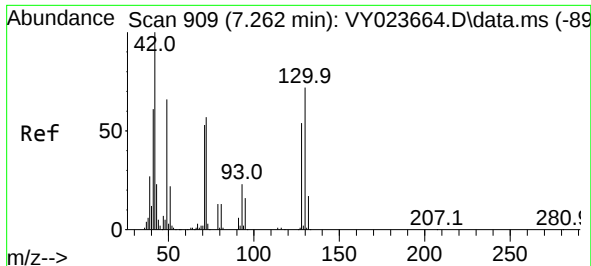
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 93.7 80.1 120.1





#29

Tetrahydrofuran

Concen: 119.010 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

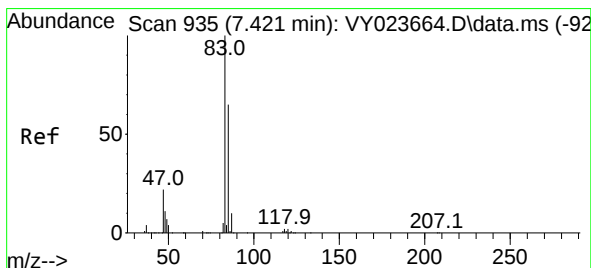
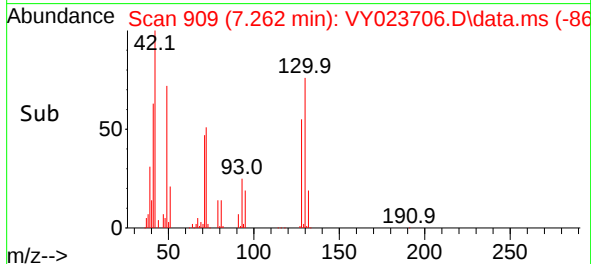
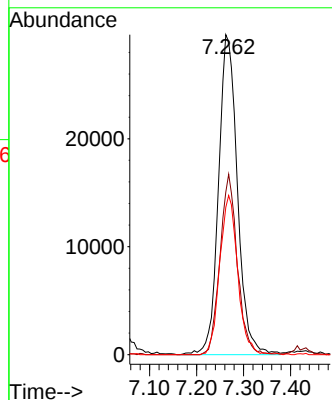
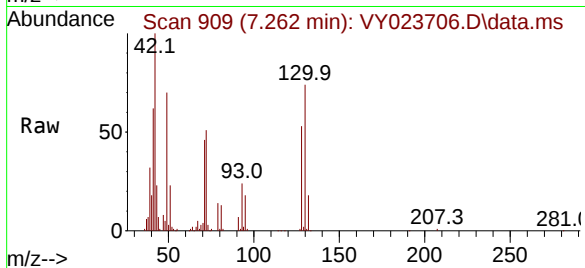
Tgt Ion: 42 Resp: 82981

Ion Ratio Lower Upper

42 100

72 51.7 43.4 65.2

71 47.4 40.7 61.1



#30

Chloroform

Concen: 21.361 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023706.D

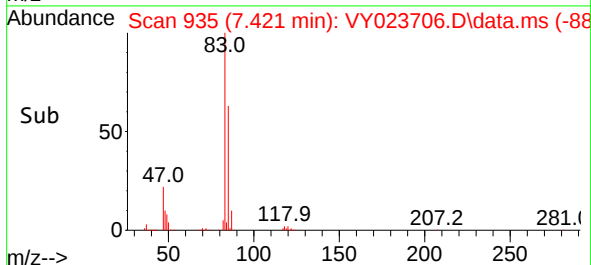
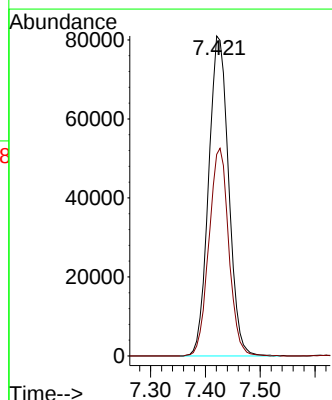
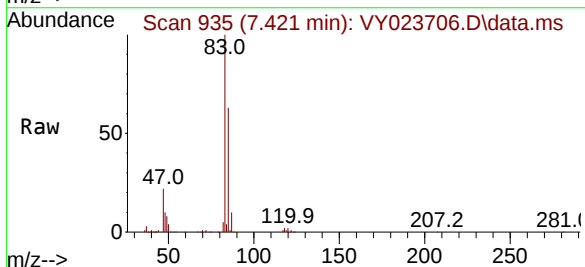
Acq: 07 Nov 2025 09:55

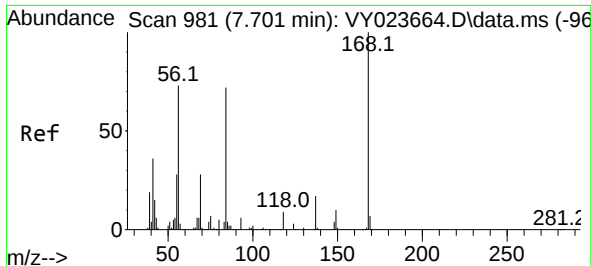
Tgt Ion: 83 Resp: 205476

Ion Ratio Lower Upper

83 100

85 63.0 52.1 78.1

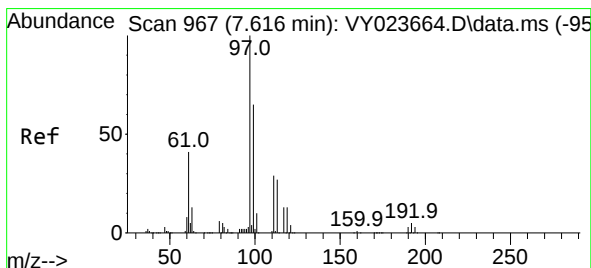
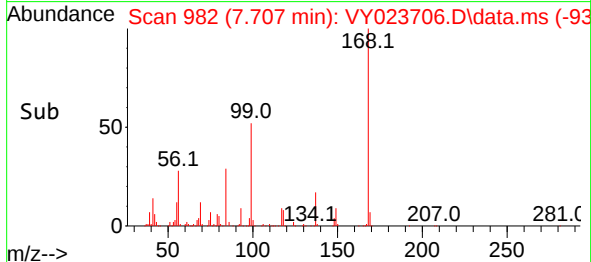
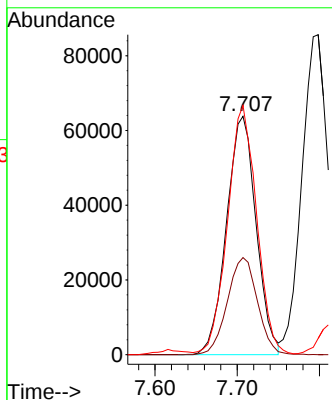
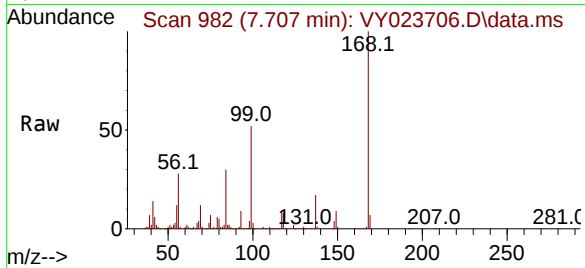




#31
Cyclohexane
Concen: 21.305 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

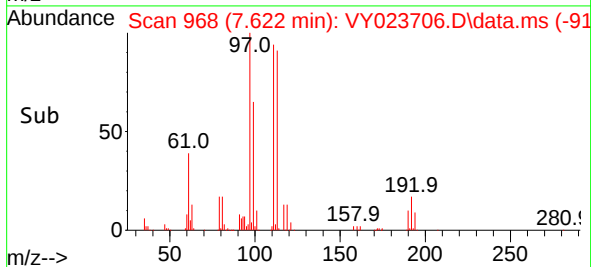
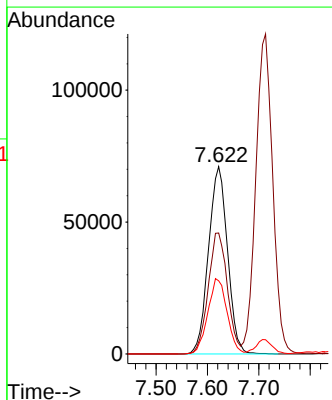
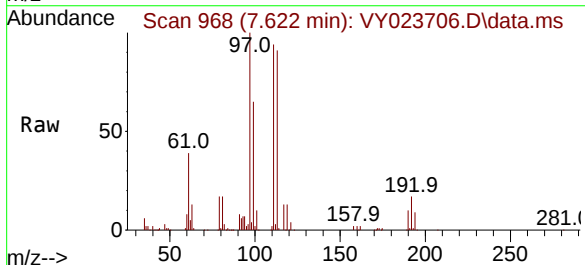
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

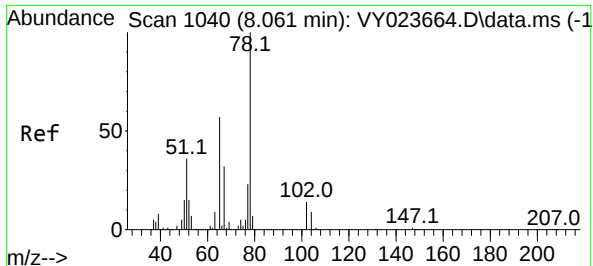
Tgt Ion: 56 Resp: 159959
Ion Ratio Lower Upper
56 100
69 40.7 30.5 45.7
84 103.1 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 21.197 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 97 Resp: 182241
Ion Ratio Lower Upper
97 100
99 65.3 51.5 77.3
61 40.7 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 53.605 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

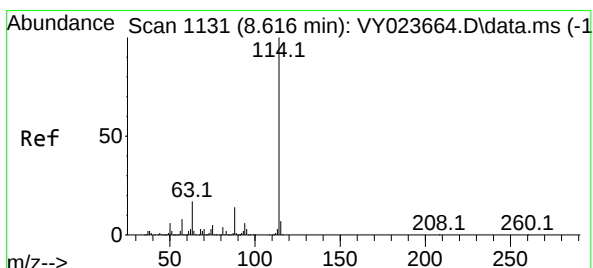
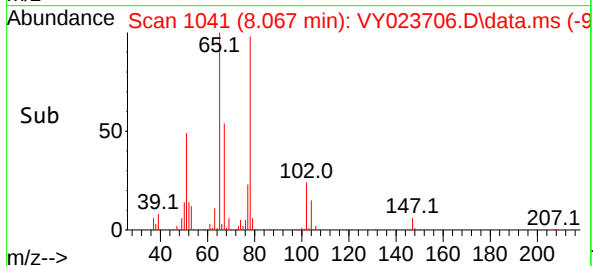
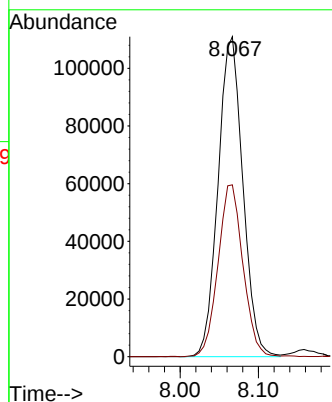
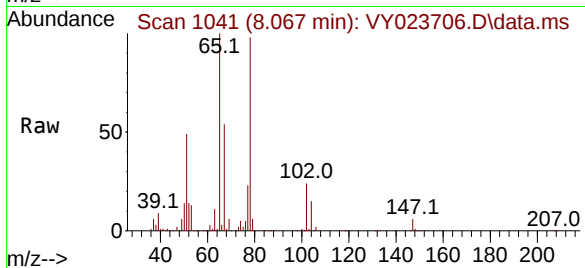
VY1107SBS01

Tgt Ion: 65 Resp: 244202

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

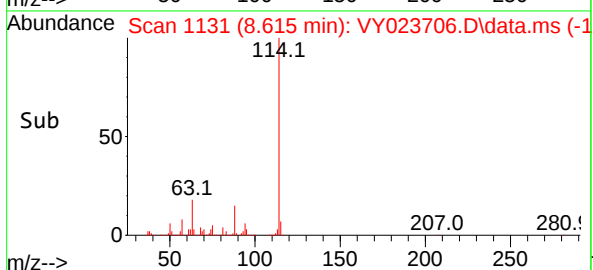
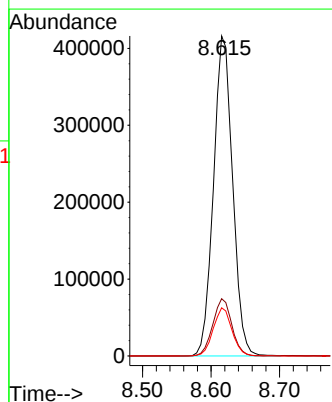
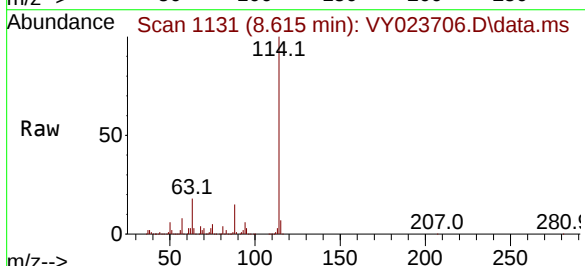
Tgt Ion: 114 Resp: 806622

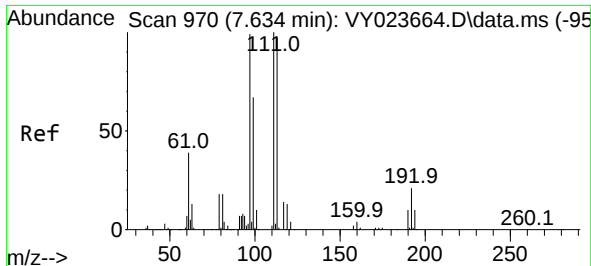
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.8

88 15.0 0.0 29.0

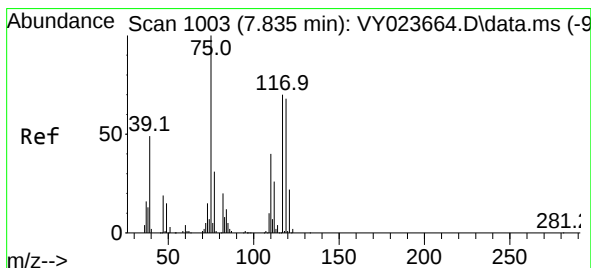
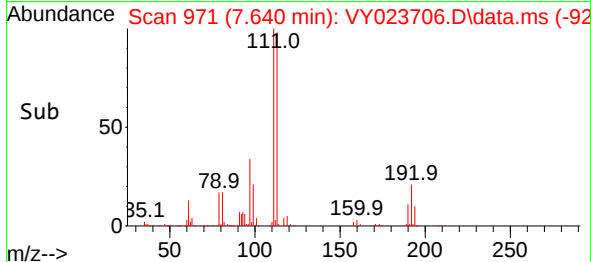
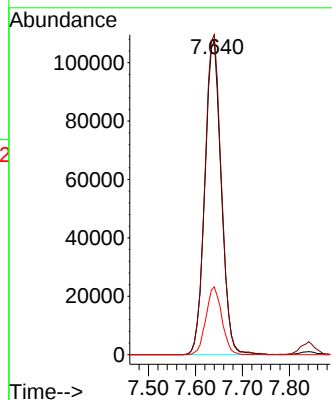
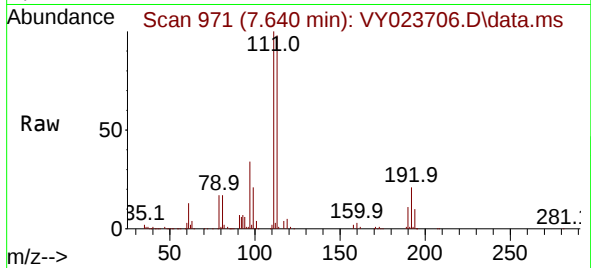




#35
Dibromofluoromethane
Concen: 51.506 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

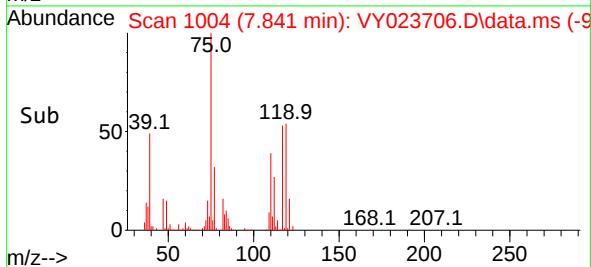
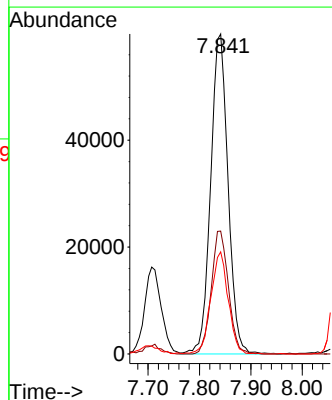
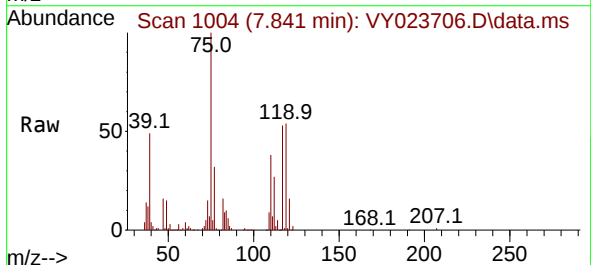
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:113 Resp: 259636
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 21.0 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.876 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 75 Resp: 140621
Ion Ratio Lower Upper
75 100
110 37.8 19.7 59.0
77 31.6 25.2 37.8





#37

Ethyl Acetate

Concen: 24.257 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

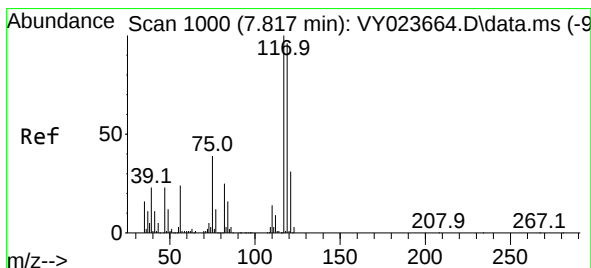
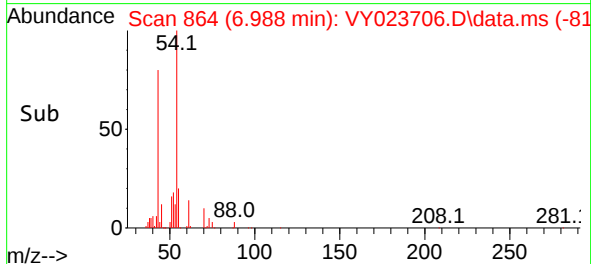
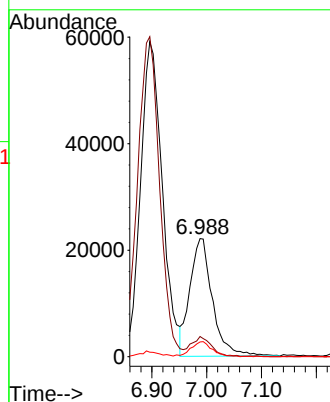
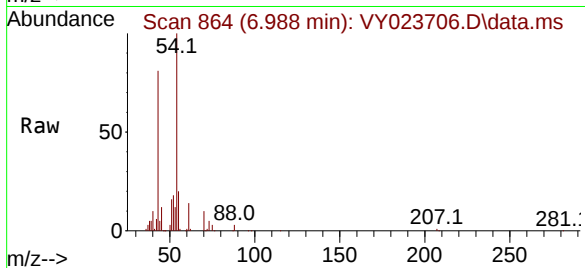
Tgt Ion: 43 Resp: 63253

Ion Ratio Lower Upper

43 100

61 14.9 12.4 18.6

70 12.0 9.8 14.8



#38

Carbon Tetrachloride

Concen: 20.710 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

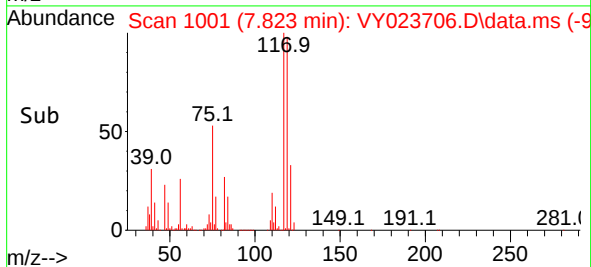
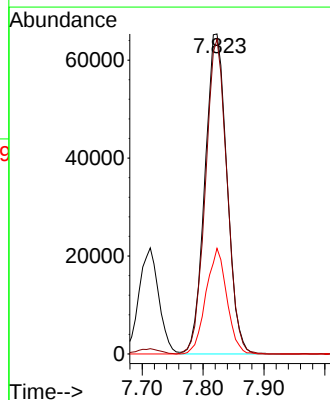
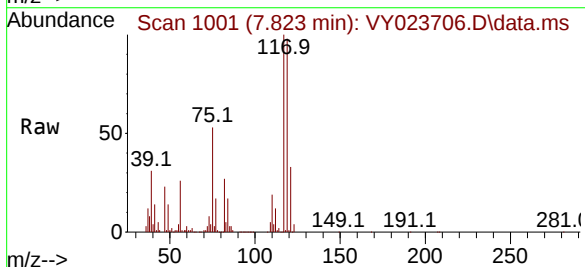
Tgt Ion: 117 Resp: 164365

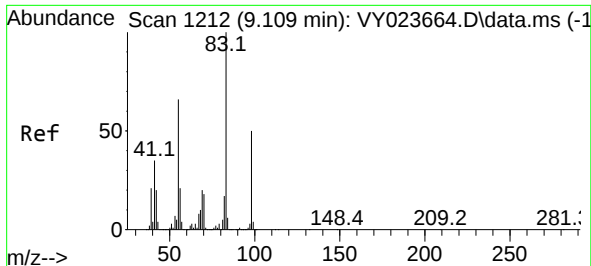
Ion Ratio Lower Upper

117 100

119 98.3 76.3 114.5

121 33.0 24.8 37.2





#39

Methylcyclohexane

Concen: 19.916 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

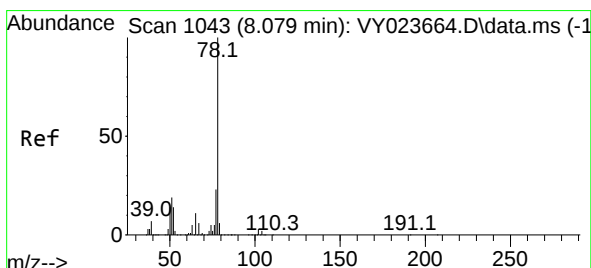
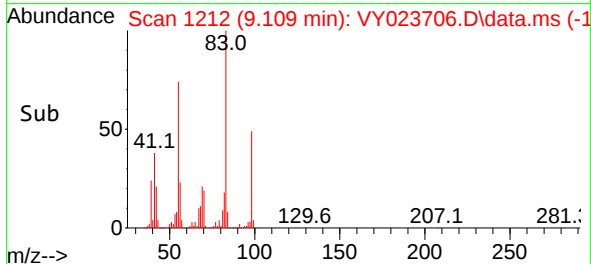
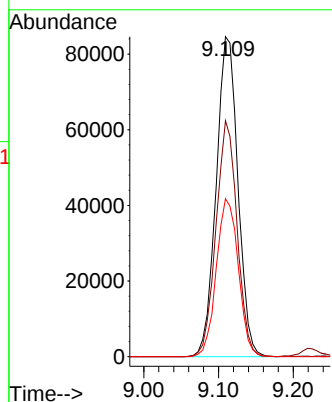
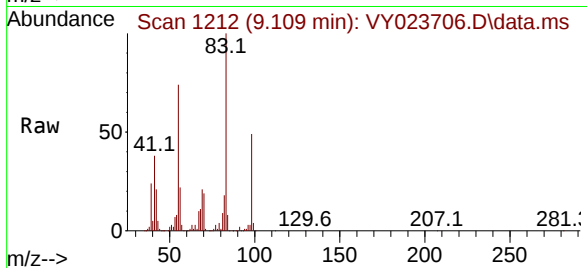
Tgt Ion: 83 Resp: 171413

Ion Ratio Lower Upper

83 100

55 73.7 52.6 78.8

98 49.3 39.7 59.5



#40

Benzene

Concen: 21.137 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023706.D

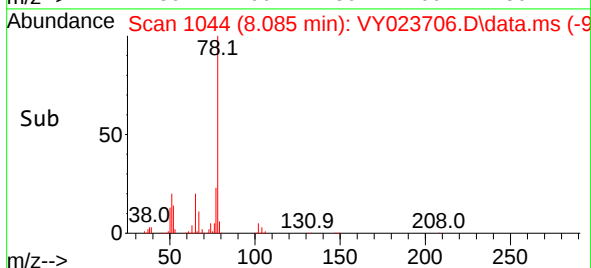
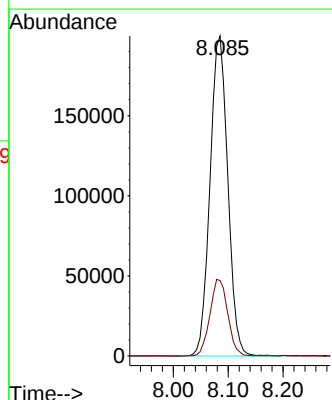
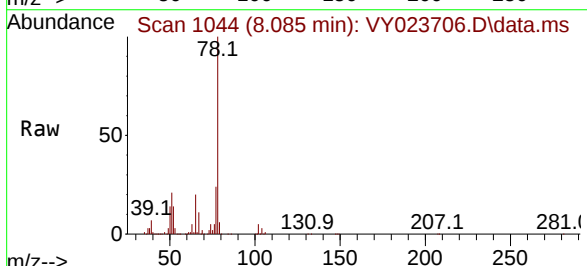
Acq: 07 Nov 2025 09:55

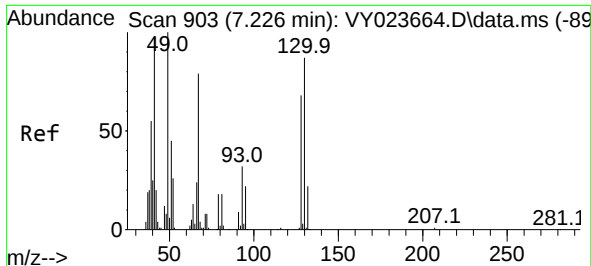
Tgt Ion: 78 Resp: 448775

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

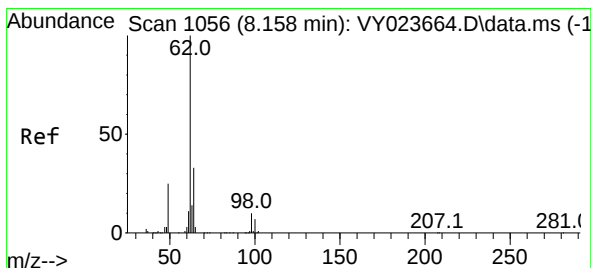
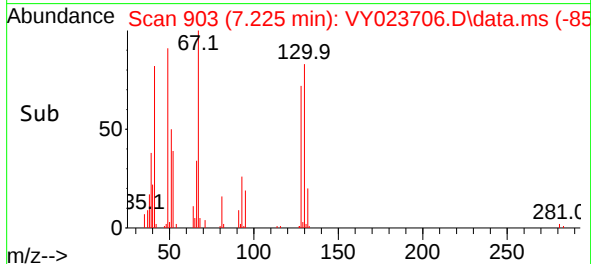
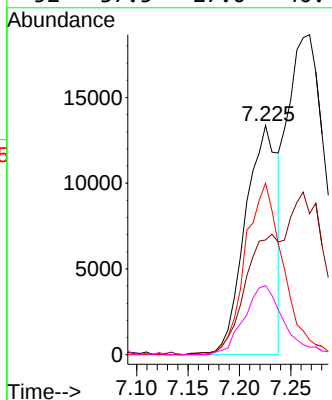
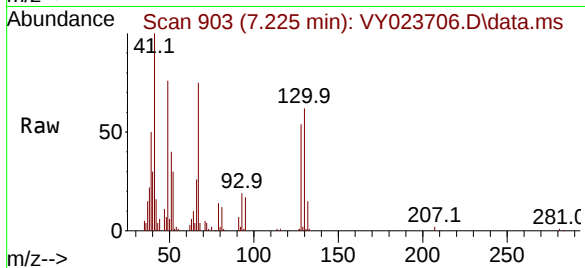




#41
Methacrylonitrile
Concen: 20.615 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

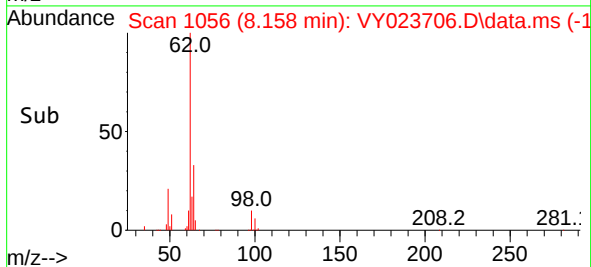
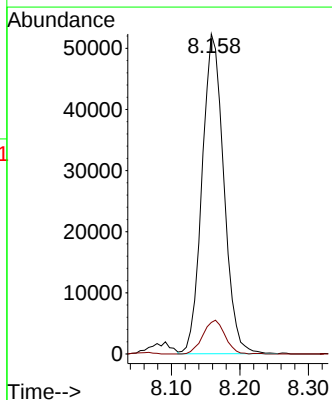
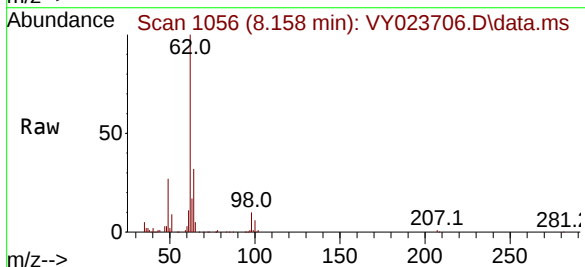
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

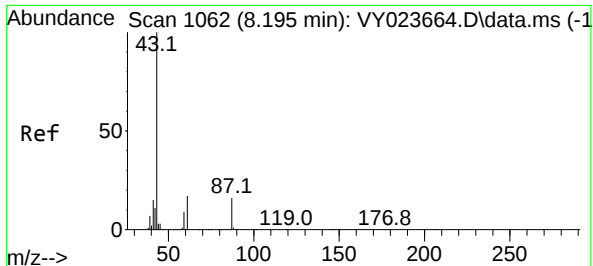
Tgt Ion: 41 Resp: 29343
Ion Ratio Lower Upper
41 100
39 0.0 38.6 57.8#
67 88.6 71.3 106.9
52 37.5 27.0 40.4



#42
1,2-Dichloroethane
Concen: 21.463 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 62 Resp: 115289
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.0

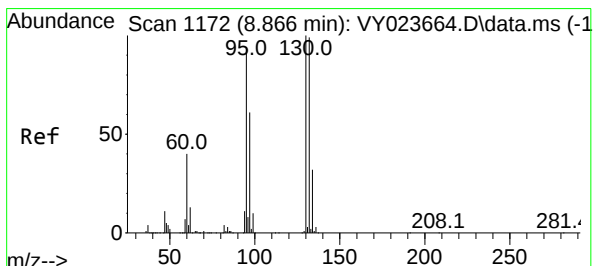
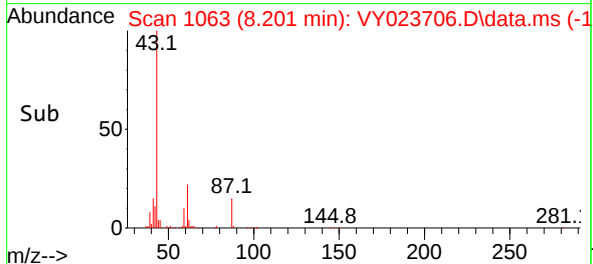
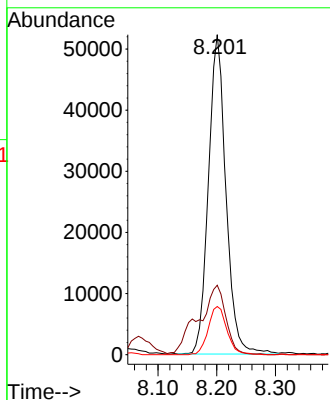
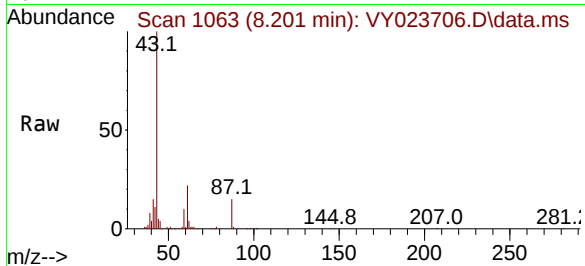




#43
Isopropyl Acetate
Concen: 22.117 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

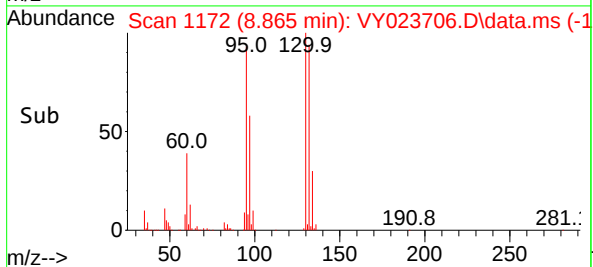
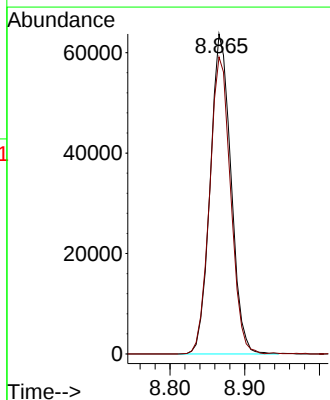
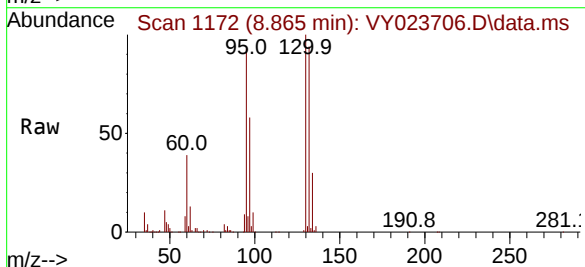
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

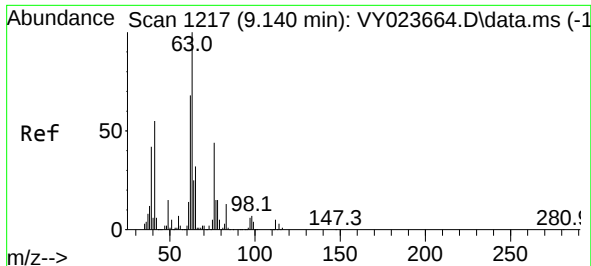
Tgt Ion: 43 Resp: 108362
Ion Ratio Lower Upper
43 100
61 21.5 18.2 27.2
87 16.0 13.3 19.9



#44
Trichloroethene
Concen: 20.167 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion:130 Resp: 122984
Ion Ratio Lower Upper
130 100
95 92.8 0.0 187.0





#45

1,2-Dichloropropane

Concen: 21.410 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

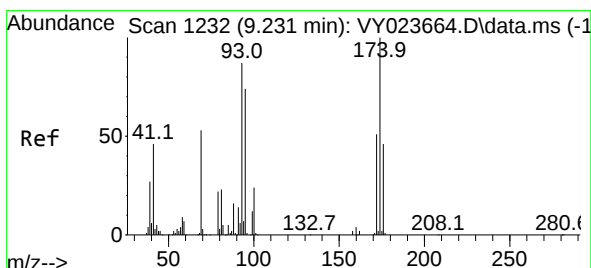
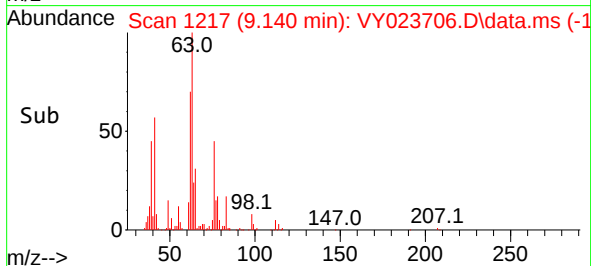
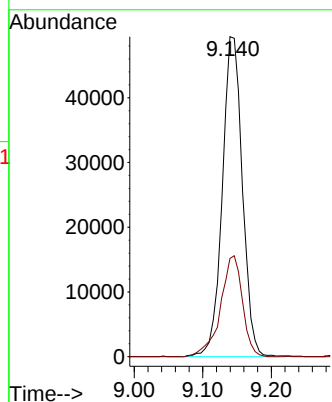
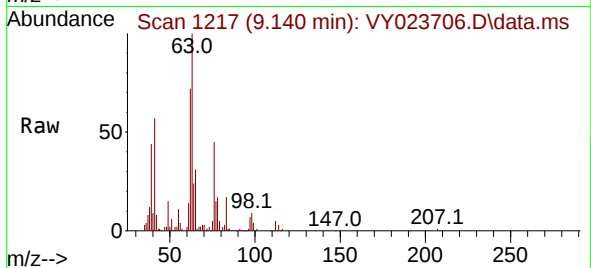
VY1107SBS01

Tgt Ion: 63 Resp: 100325

Ion Ratio Lower Upper

63 100

65 30.7 25.6 38.4



#46

Dibromomethane

Concen: 21.357 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

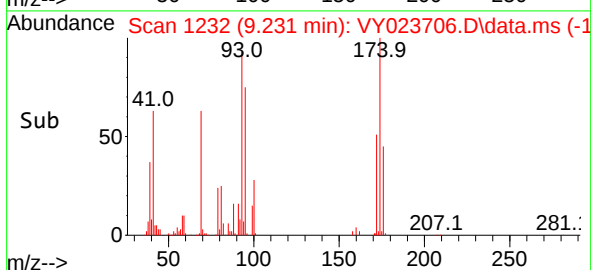
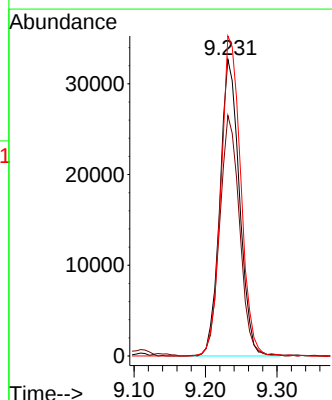
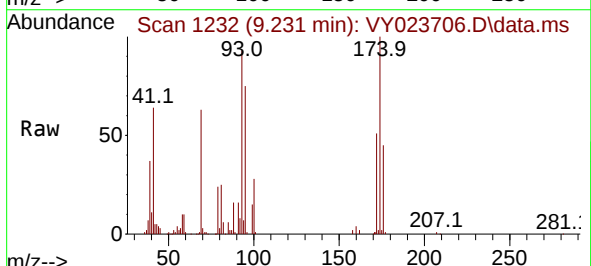
Tgt Ion: 93 Resp: 62009

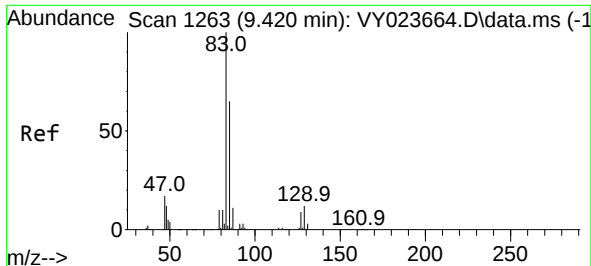
Ion Ratio Lower Upper

93 100

95 81.9 67.4 101.2

174 109.4 89.4 134.0





#47

Bromodichloromethane

Concen: 21.224 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

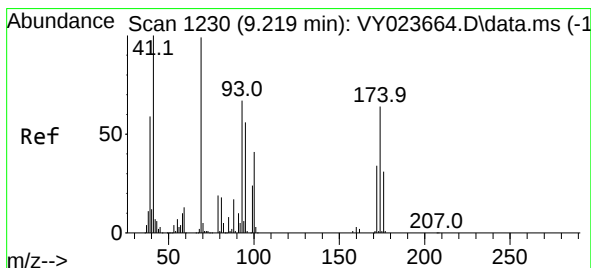
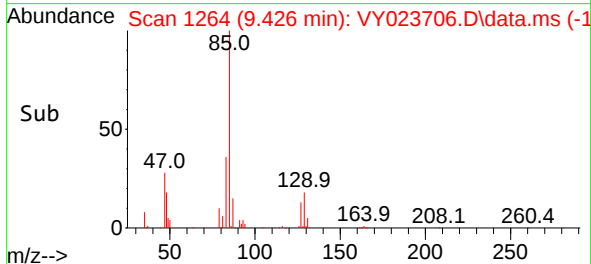
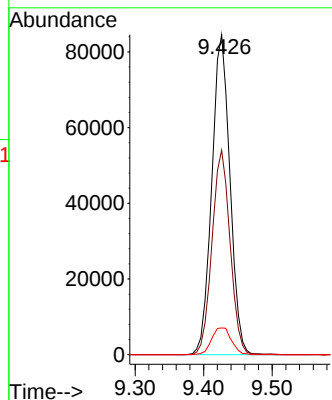
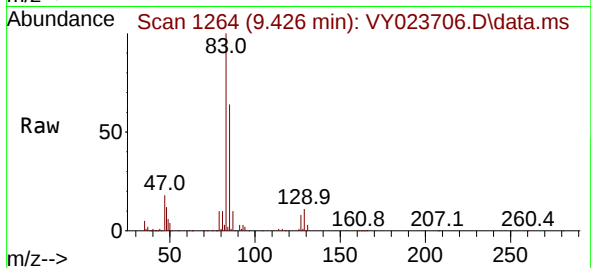
Tgt Ion: 83 Resp: 155362

Ion Ratio Lower Upper

83 100

85 63.9 52.1 78.1

127 8.3 7.5 11.3



#48

Methyl methacrylate

Concen: 21.356 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

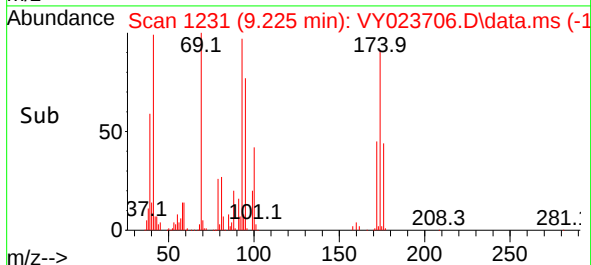
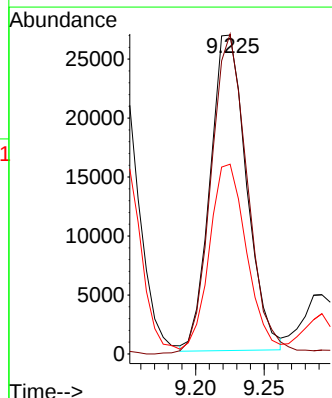
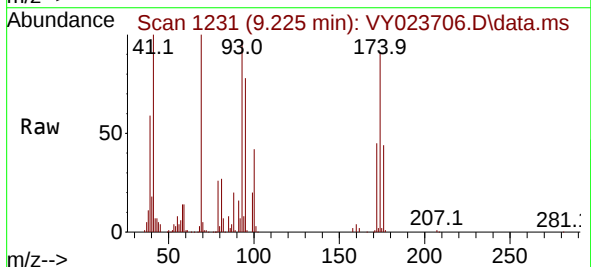
Tgt Ion: 41 Resp: 49434

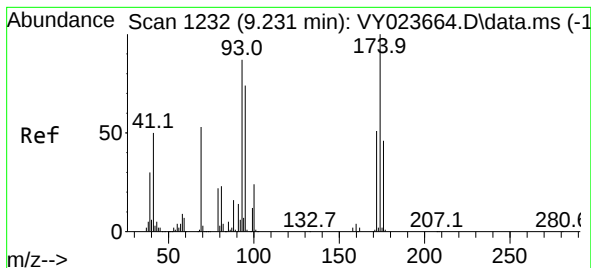
Ion Ratio Lower Upper

41 100

69 101.9 80.2 120.2

39 59.0 47.4 71.0





#49

1,4-Dioxane

Concen: 445.423 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

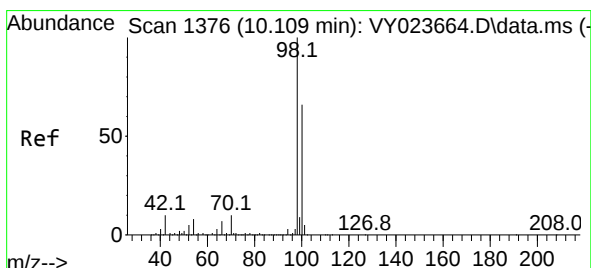
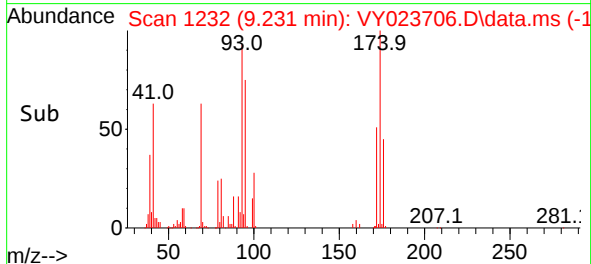
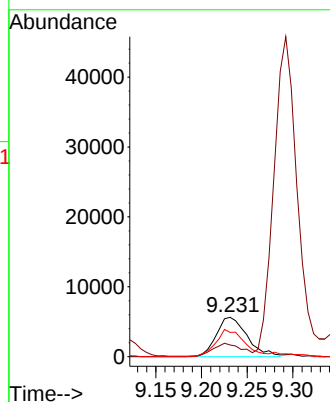
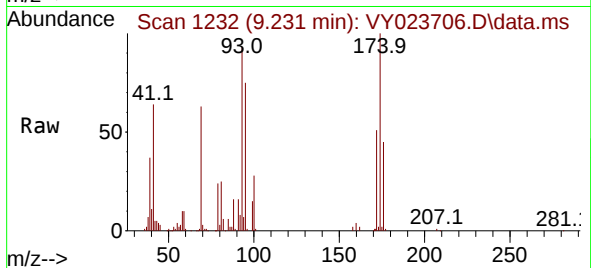
Tgt Ion: 88 Resp: 13235

Ion Ratio Lower Upper

88 100

43 30.0 22.0 33.0

58 64.1 47.8 71.8



#50

Toluene-d8

Concen: 52.402 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023706.D

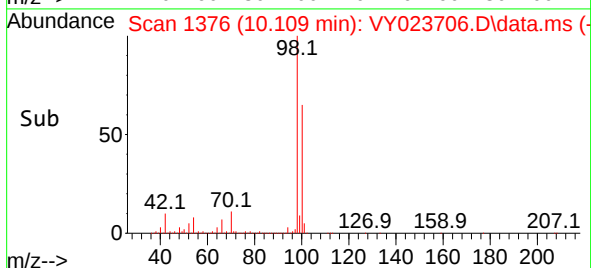
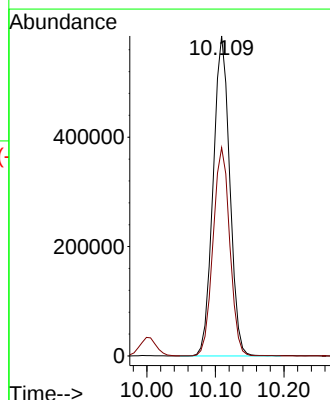
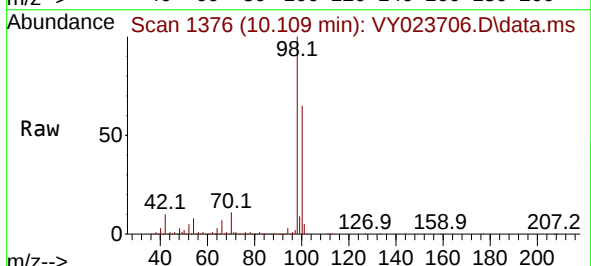
Acq: 07 Nov 2025 09:55

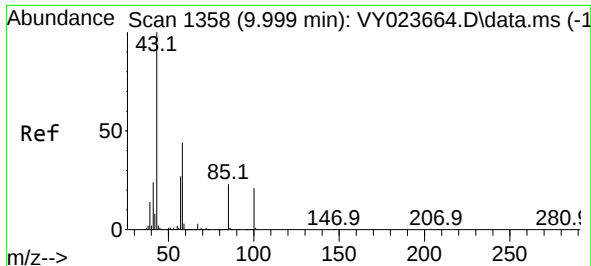
Tgt Ion: 98 Resp: 983969

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 116.720 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

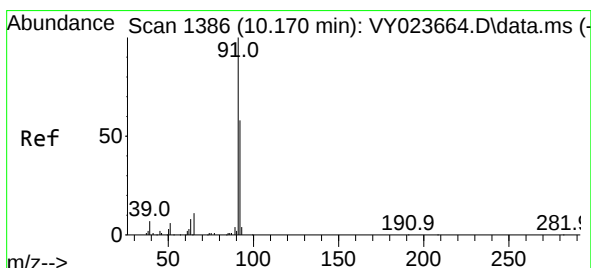
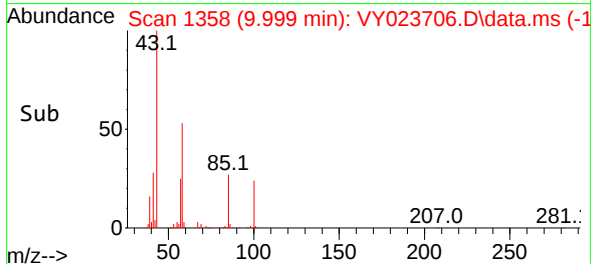
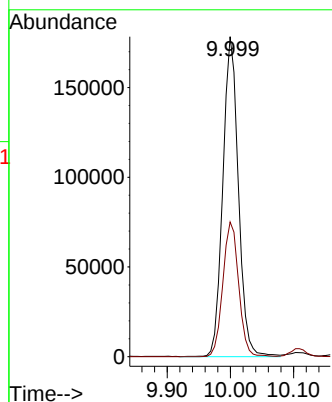
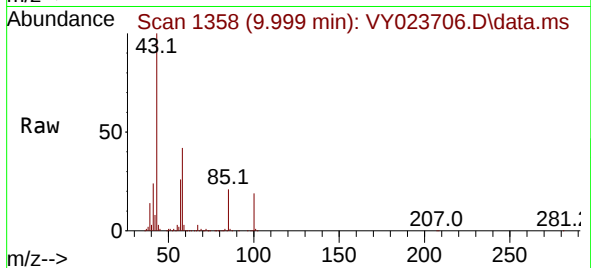
VY1107SBS01

Tgt Ion: 43 Resp: 304119

Ion Ratio Lower Upper

43 100

58 42.7 34.8 52.2



#52

Toluene

Concen: 21.270 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023706.D

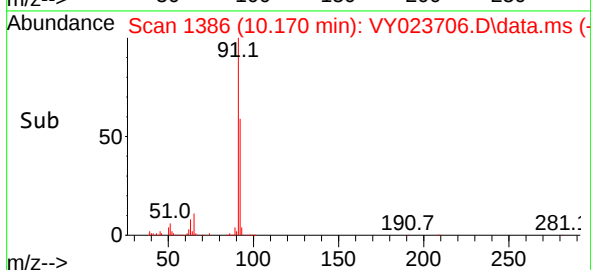
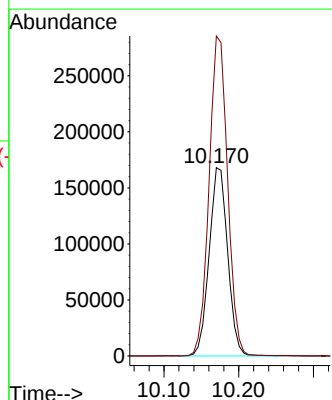
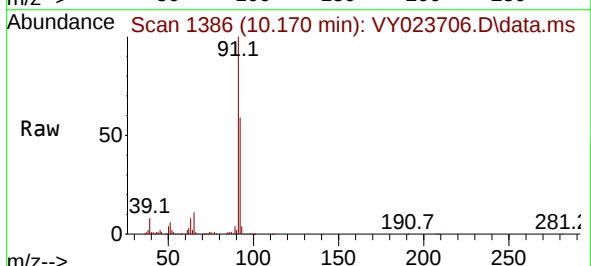
Acq: 07 Nov 2025 09:55

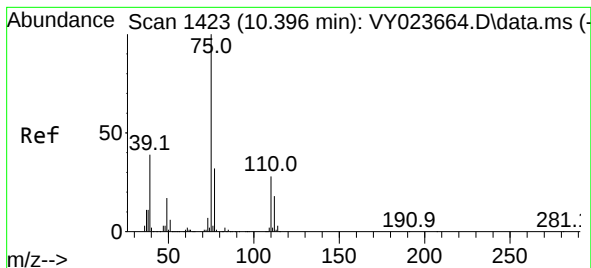
Tgt Ion: 92 Resp: 288320

Ion Ratio Lower Upper

92 100

91 170.5 137.8 206.8

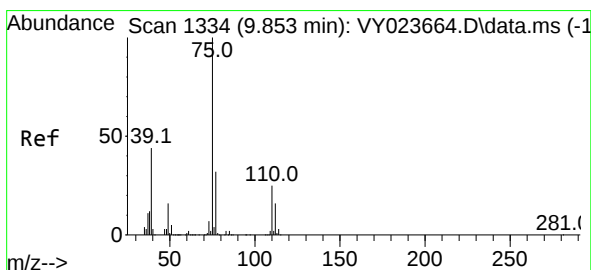
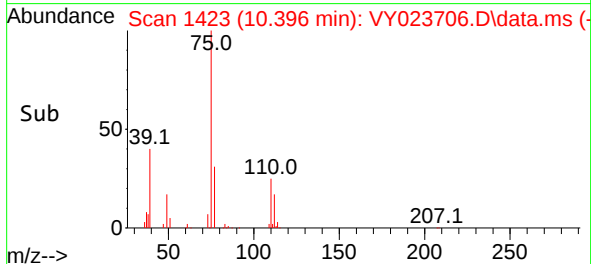
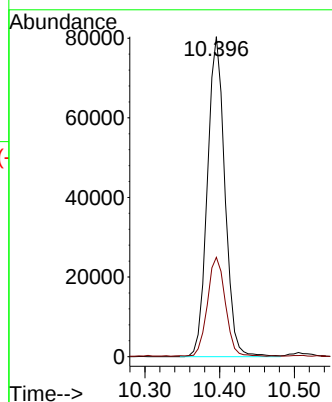
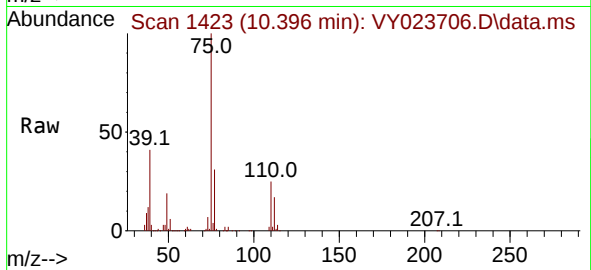




#53
t-1,3-Dichloropropene
Concen: 21.058 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

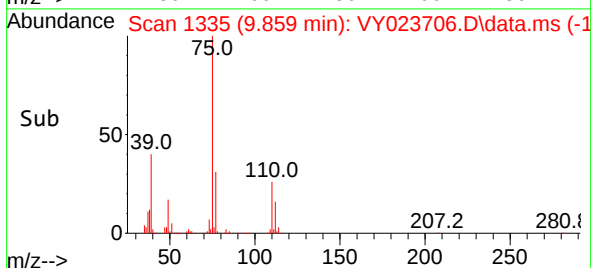
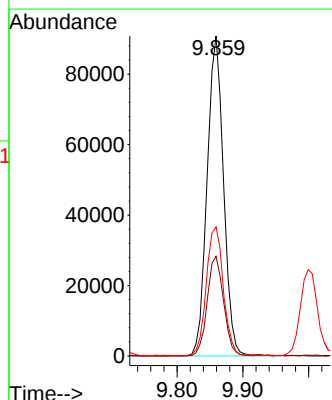
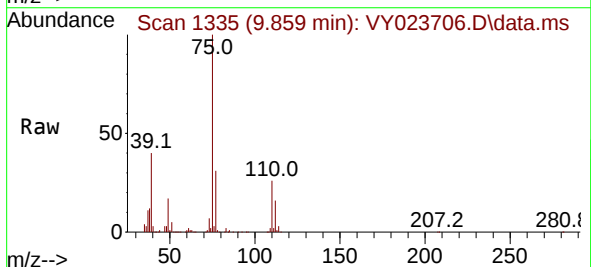
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

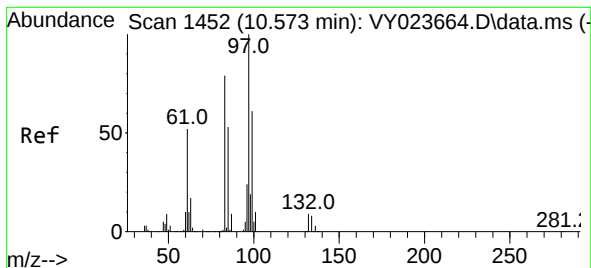
Tgt Ion: 75 Resp: 130432
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.274 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 75 Resp: 157873
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5
39 40.2 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 21.347 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 97 Resp: 82828

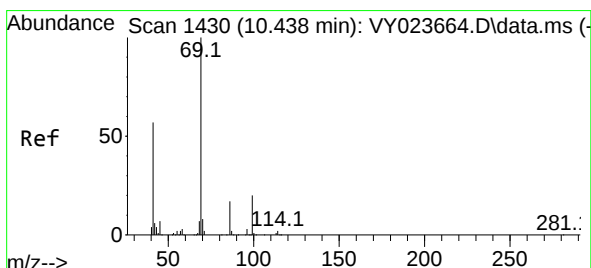
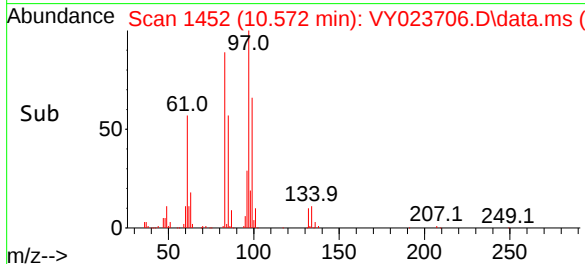
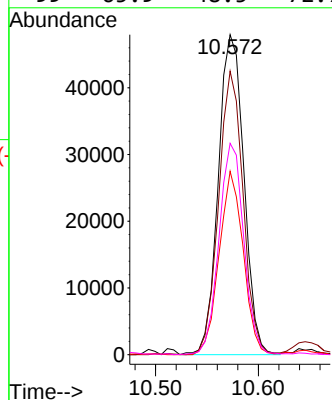
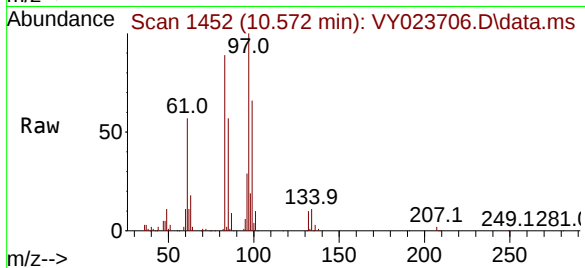
Ion Ratio Lower Upper

97 100

83 88.5 63.3 94.9

85 57.3 42.4 63.6

99 65.9 48.5 72.7



#56

Ethyl methacrylate

Concen: 21.353 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

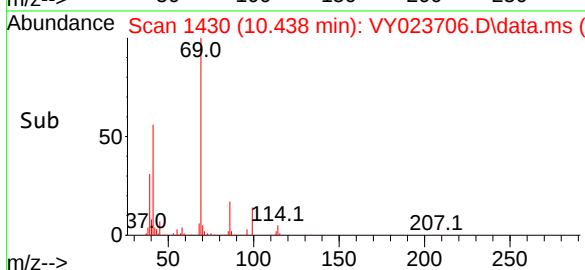
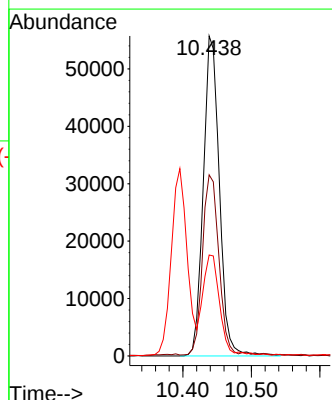
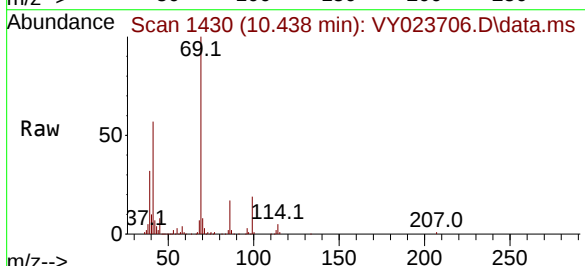
Tgt Ion: 69 Resp: 91285

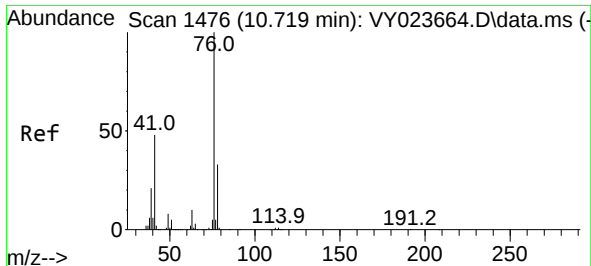
Ion Ratio Lower Upper

69 100

41 57.5 45.0 67.4

39 32.8 25.1 37.7





#57

1,3-Dichloropropane

Concen: 21.616 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

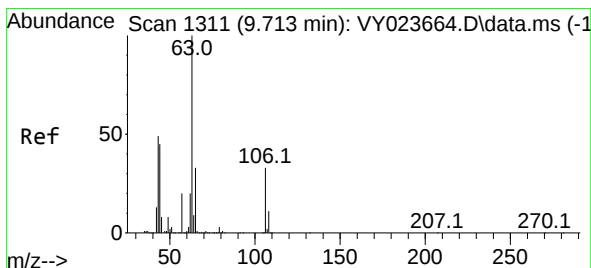
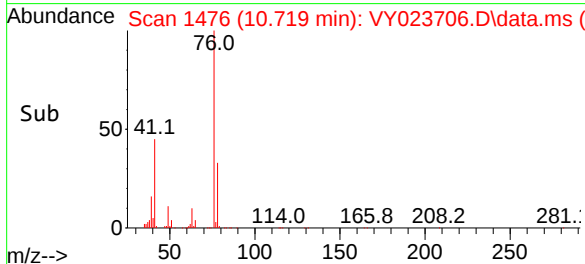
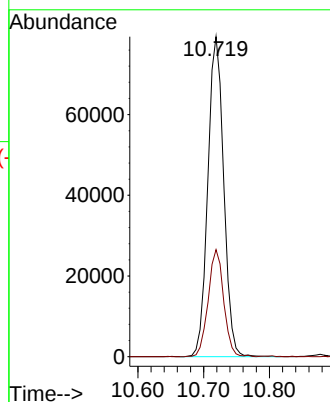
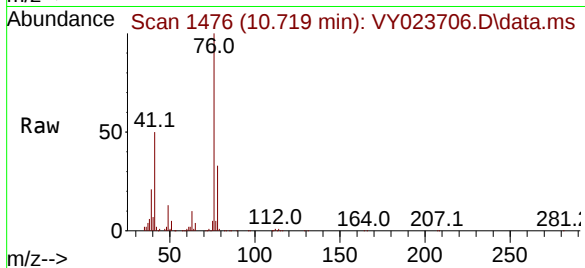
VY1107SBS01

Tgt Ion: 76 Resp: 133037

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 107.752 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023706.D

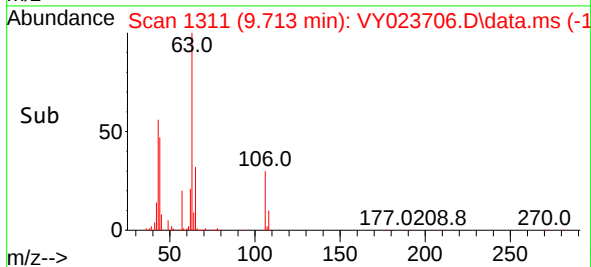
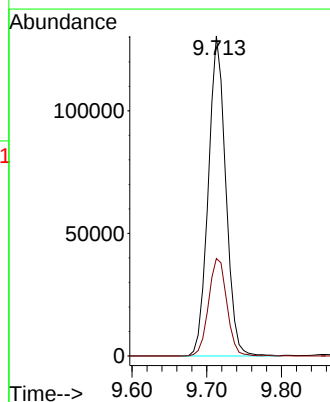
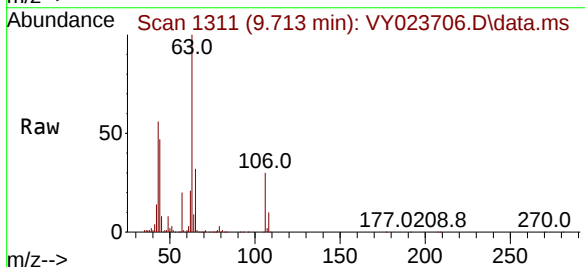
Acq: 07 Nov 2025 09:55

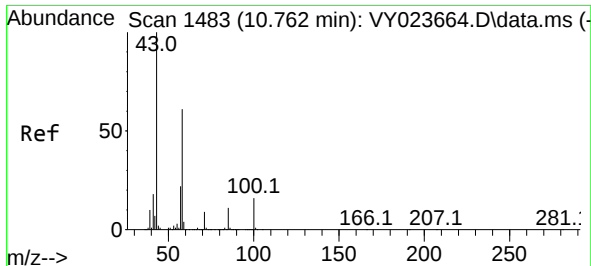
Tgt Ion: 63 Resp: 211381

Ion Ratio Lower Upper

63 100

106 31.8 26.2 39.2

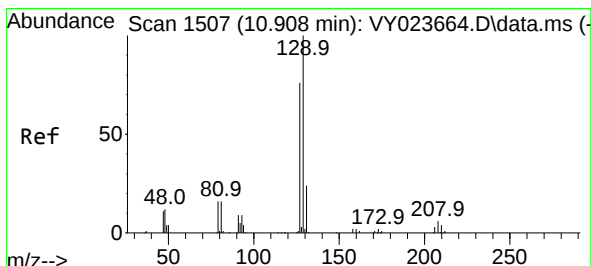
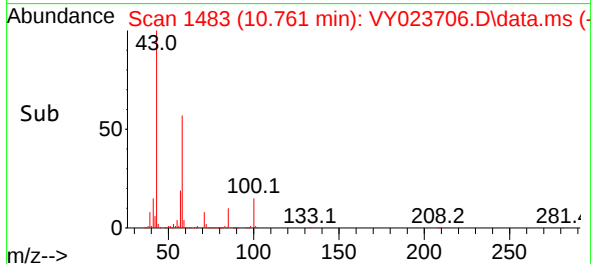
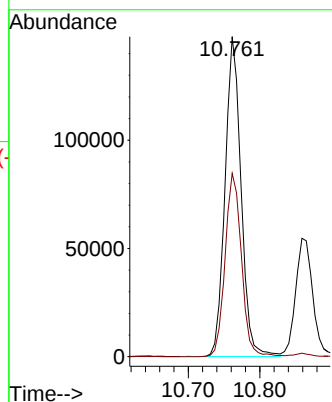
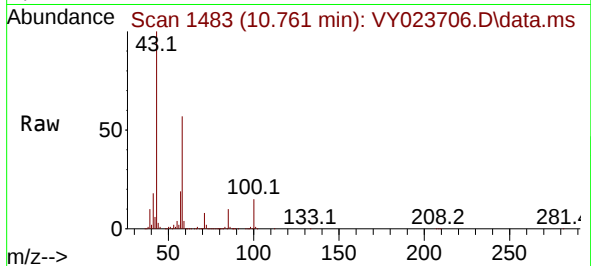




#59
2-Hexanone
Concen: 121.066 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

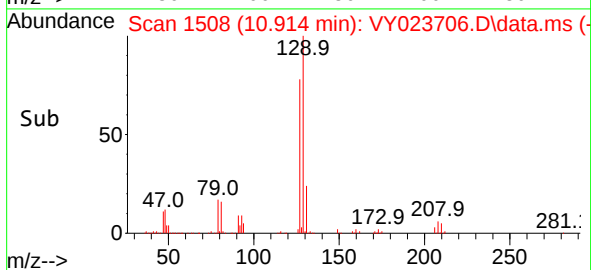
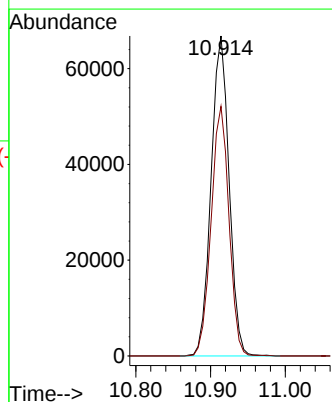
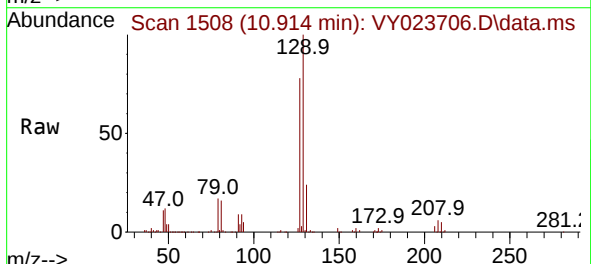
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

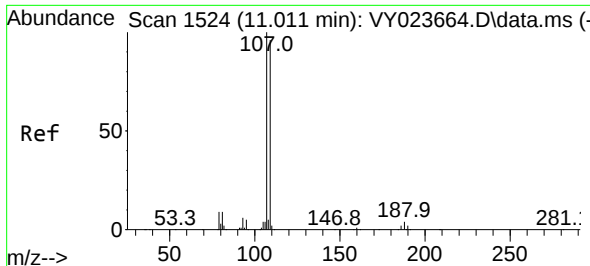
Tgt Ion: 43 Resp: 230140
Ion Ratio Lower Upper
43 100
58 58.5 30.2 90.6



#60
Dibromochloromethane
Concen: 21.020 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 129 Resp: 112064
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2

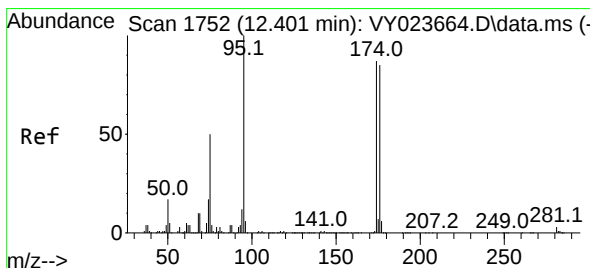
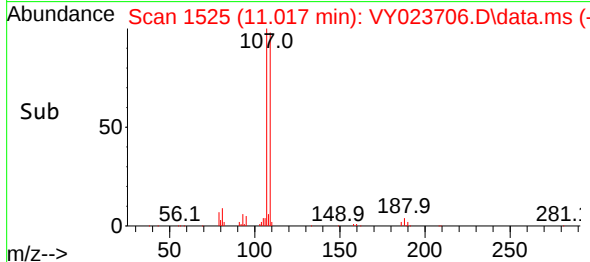
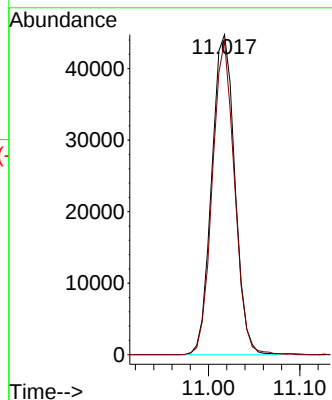
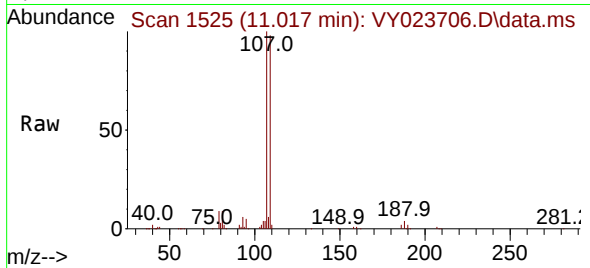




#61
1,2-Dibromoethane
Concen: 21.562 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

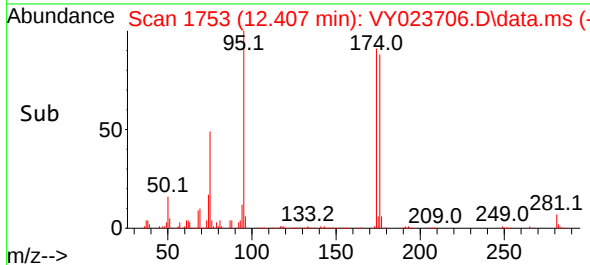
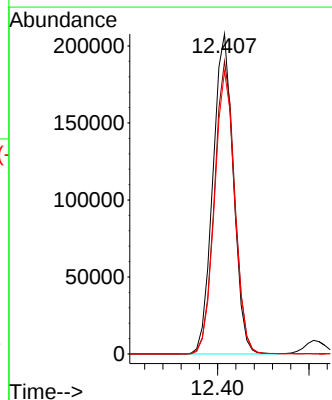
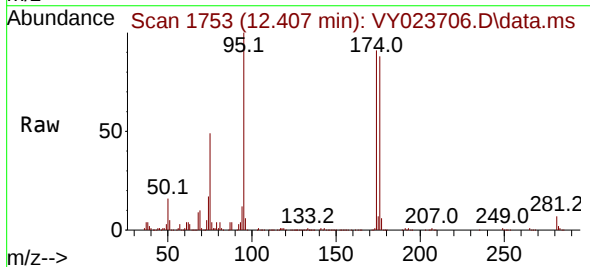
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

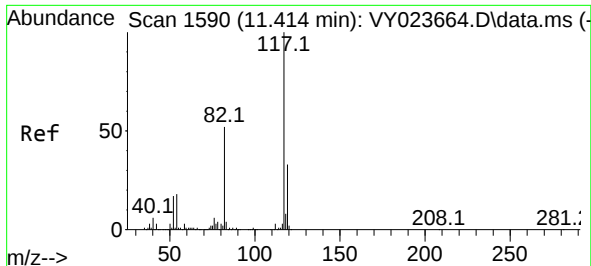
Tgt Ion:107 Resp: 78515
Ion Ratio Lower Upper
107 100
109 93.9 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 53.038 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 95 Resp: 322073
Ion Ratio Lower Upper
95 100
174 91.1 0.0 184.8
176 87.6 0.0 181.6

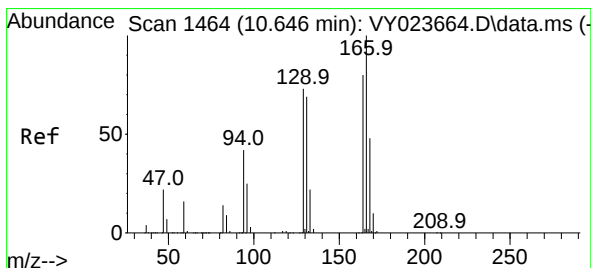
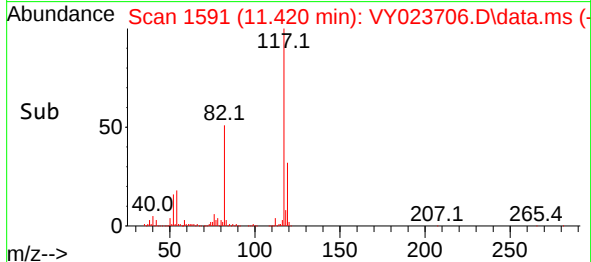
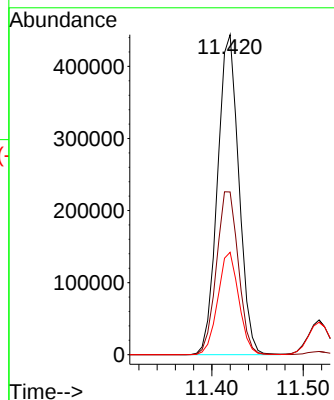
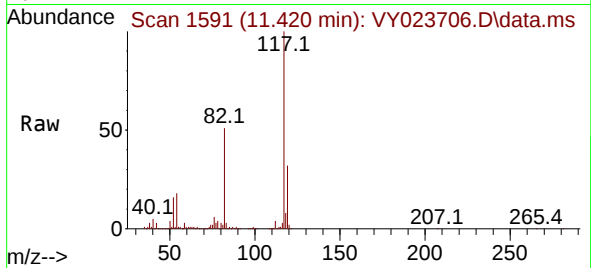




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11591
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

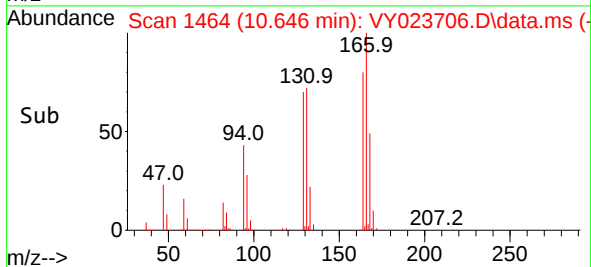
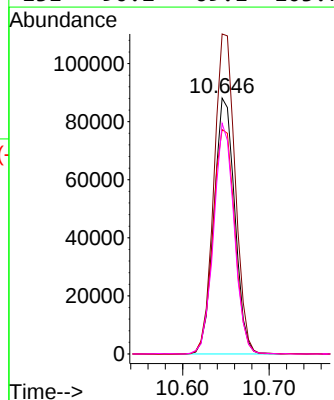
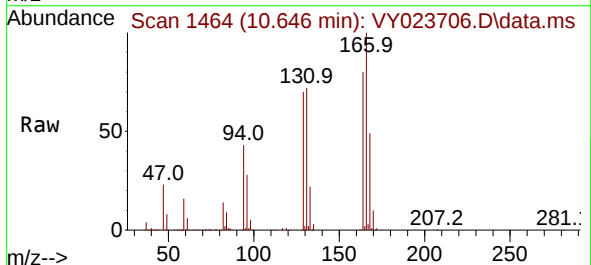
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

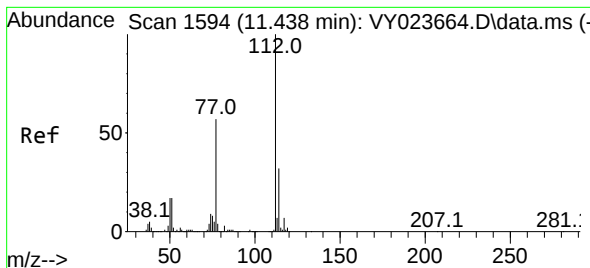
Tgt Ion:117 Resp: 720114
Ion Ratio Lower Upper
117 100
82 50.9 41.2 61.8
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 19.693 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion:164 Resp: 147603
Ion Ratio Lower Upper
164 100
166 125.1 99.5 149.3
129 87.7 72.3 108.5
131 90.2 69.1 103.7





#65

Chlorobenzene

Concen: 20.144 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

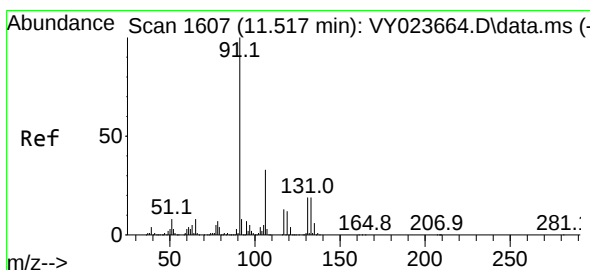
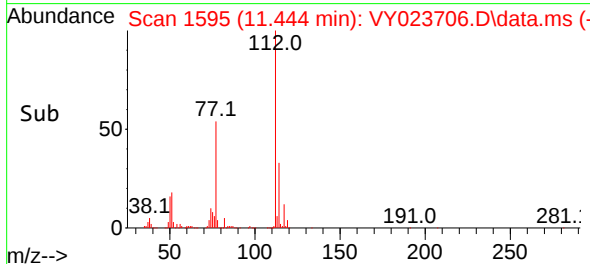
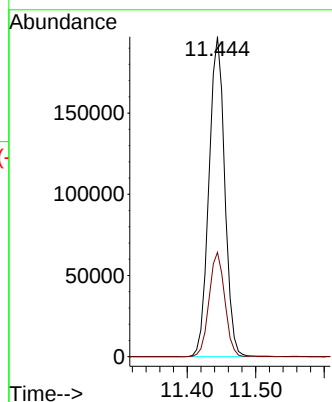
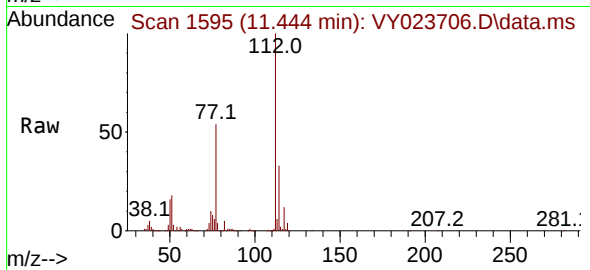
VY1107SBS01

Tgt Ion:112 Resp: 315797

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.152 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

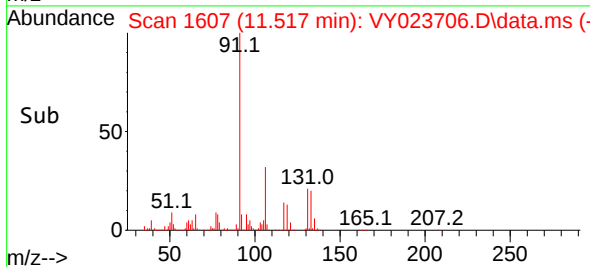
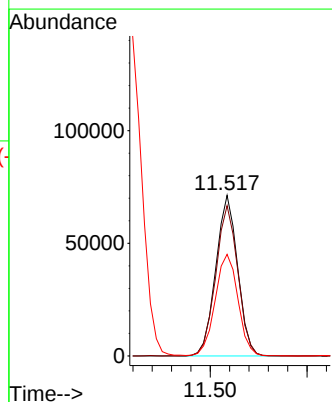
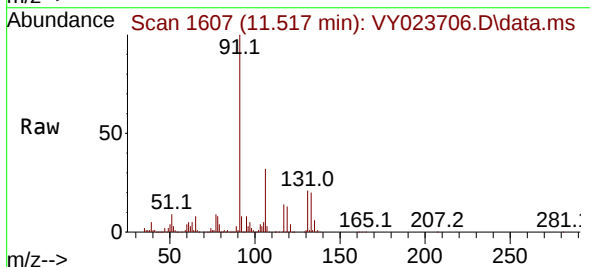
Tgt Ion:131 Resp: 111714

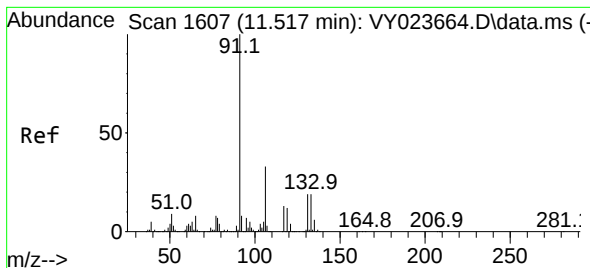
Ion Ratio Lower Upper

131 100

133 94.8 47.3 141.8

119 66.2 32.5 97.4

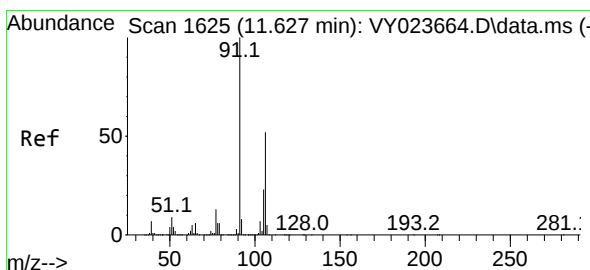
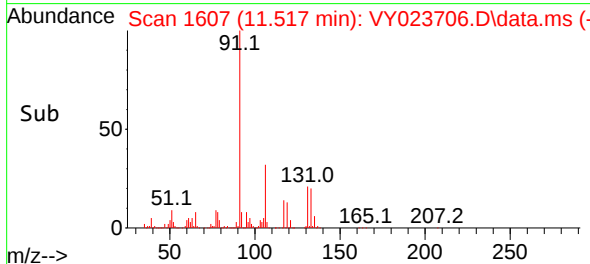
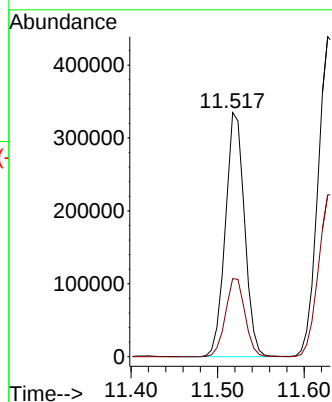
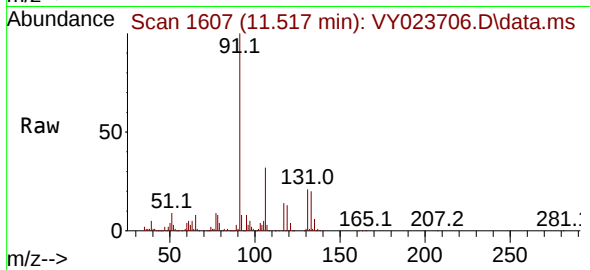




#67
Ethyl Benzene
Concen: 20.301 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

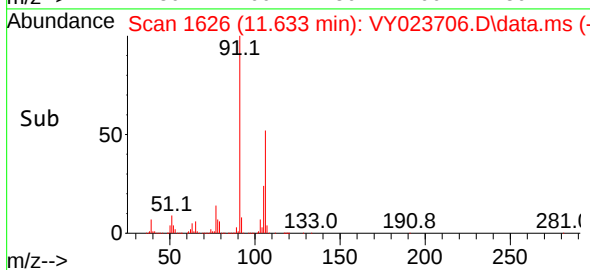
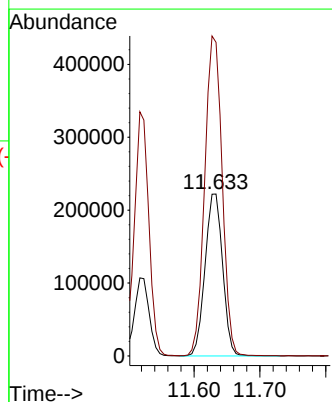
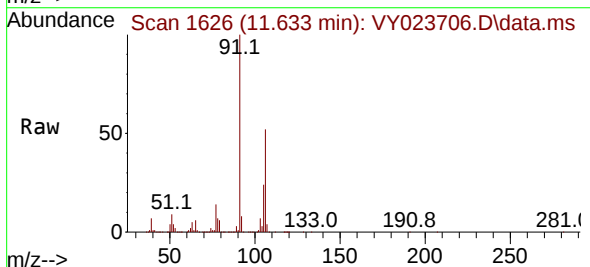
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

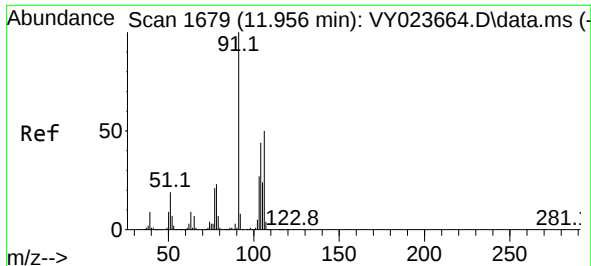
Tgt Ion: 91 Resp: 515089
Ion Ratio Lower Upper
91 100
106 32.0 26.6 40.0



#68
m/p-Xylenes
Concen: 40.606 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 106 Resp: 411630
Ion Ratio Lower Upper
106 100
91 196.9 154.3 231.5

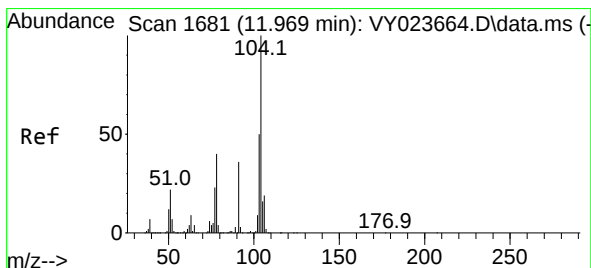
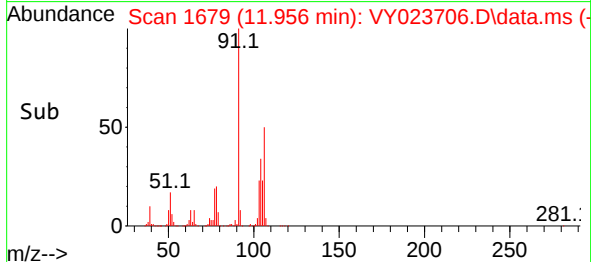
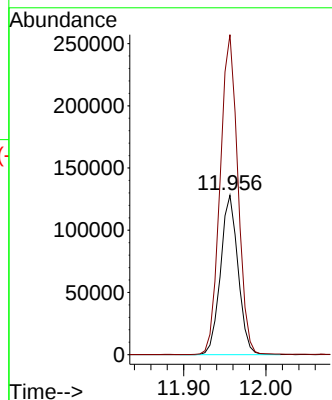
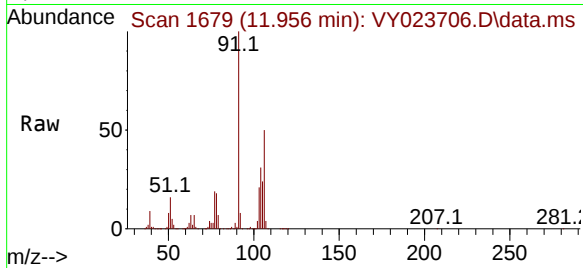




#69
o-Xylene
Concen: 20.247 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

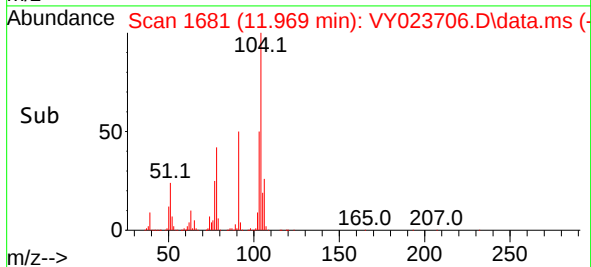
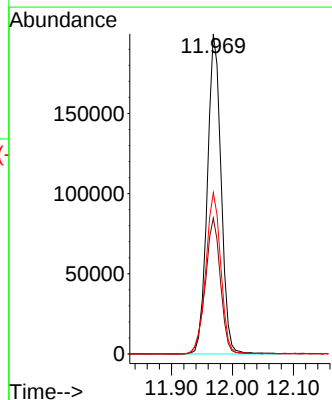
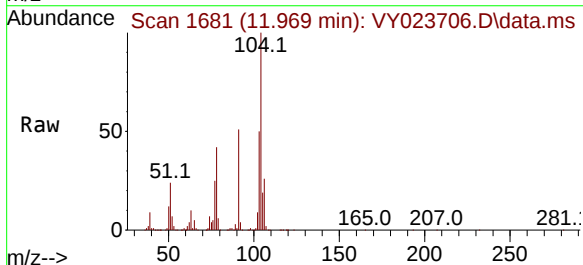
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

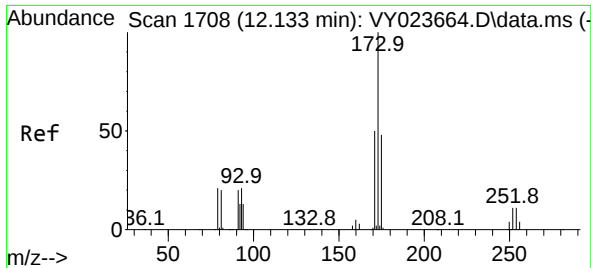
Tgt Ion:106 Resp: 189725
Ion Ratio Lower Upper
106 100
91 203.0 101.6 304.6



#70
Styrene
Concen: 20.263 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion:104 Resp: 313288
Ion Ratio Lower Upper
104 100
78 46.4 36.5 54.7
103 54.7 43.7 65.5

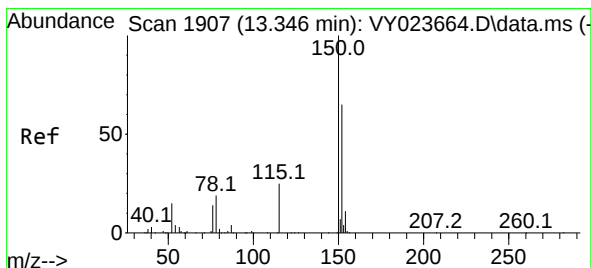
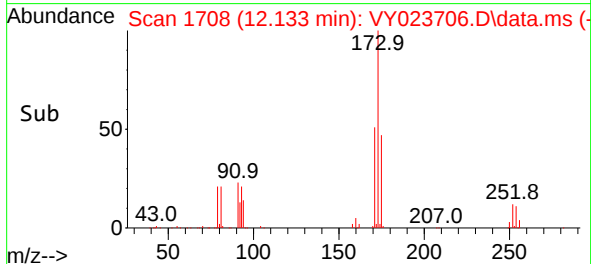
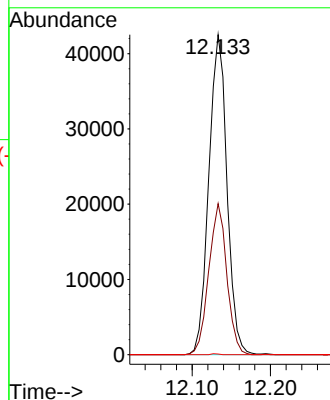
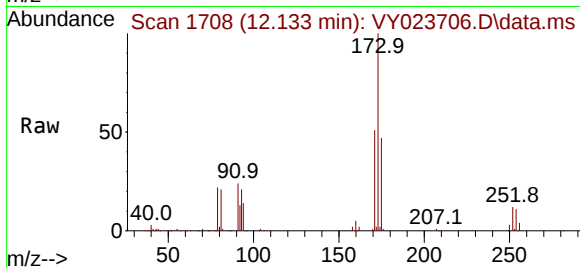




#71
Bromoform
Concen: 21.128 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

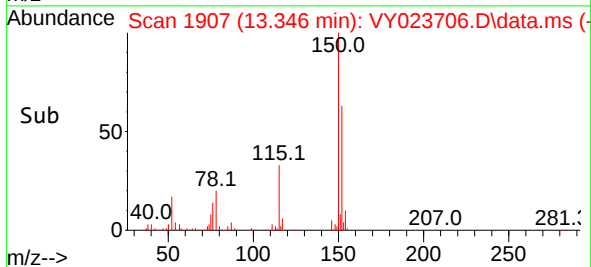
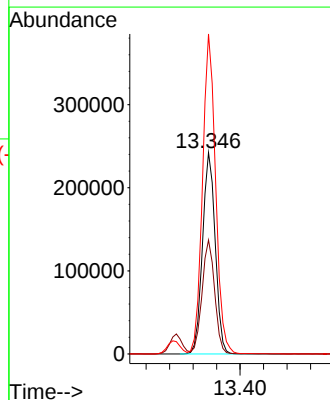
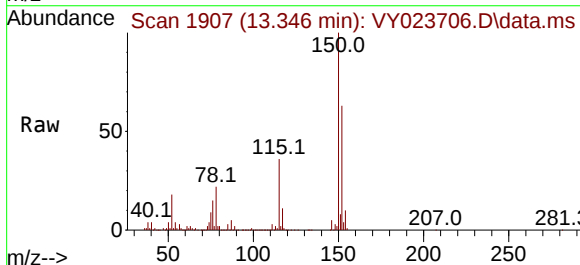
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

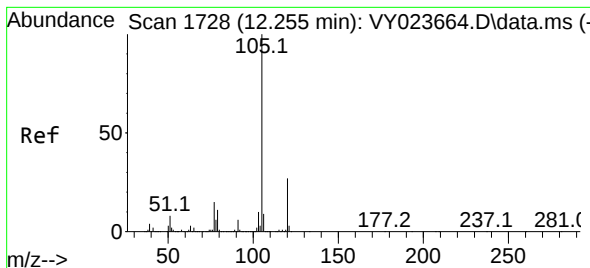
Tgt Ion:173 Resp: 68403
Ion Ratio Lower Upper
173 100
175 46.8 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion:152 Resp: 364554
Ion Ratio Lower Upper
152 100
115 55.8 27.5 82.5
150 163.4 0.0 349.0





#73

Isopropylbenzene

Concen: 19.977 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

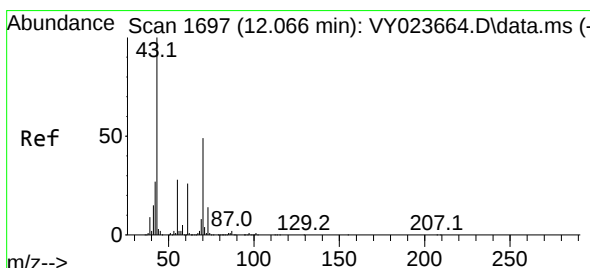
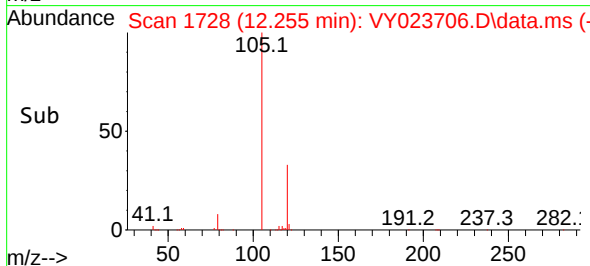
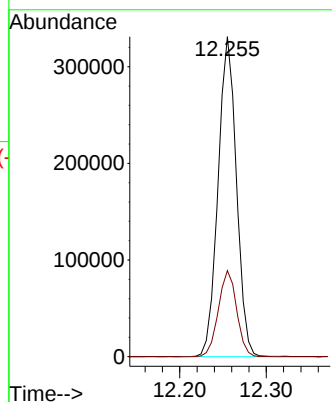
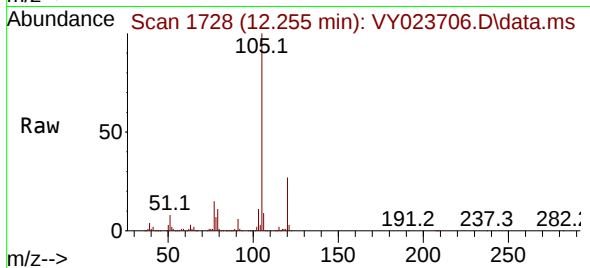
VY1107SBS01

Tgt Ion:105 Resp: 487083

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 21.326 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Tgt Ion: 43 Resp: 88036

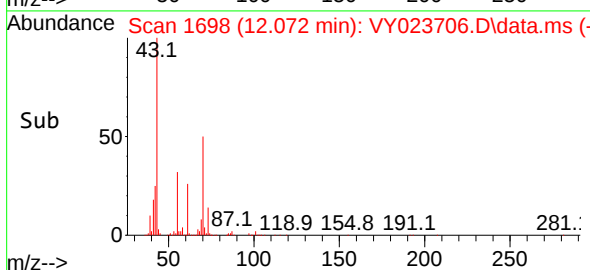
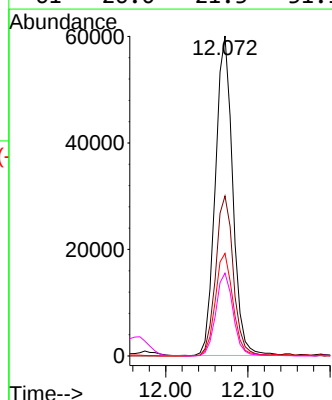
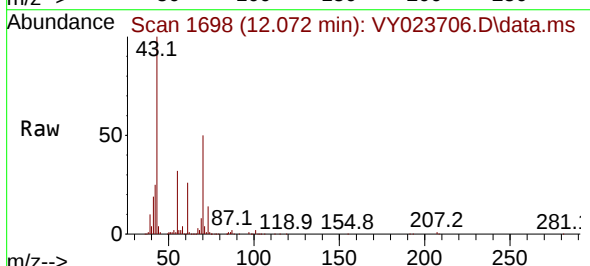
Ion Ratio Lower Upper

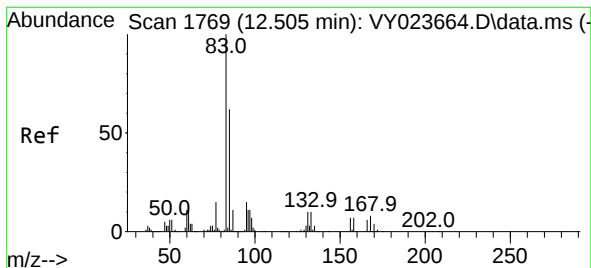
43 100

70 50.8 40.1 60.1

55 32.9 23.0 34.6

61 26.0 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.766 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

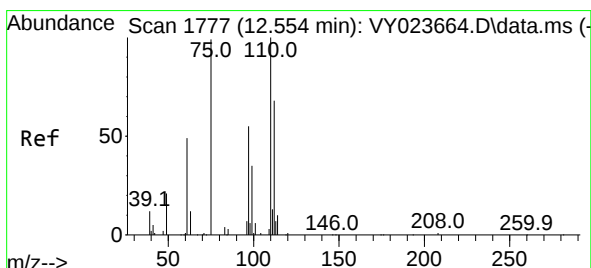
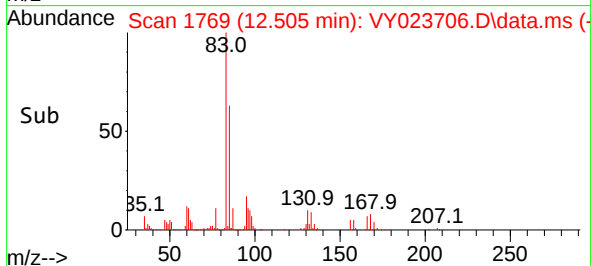
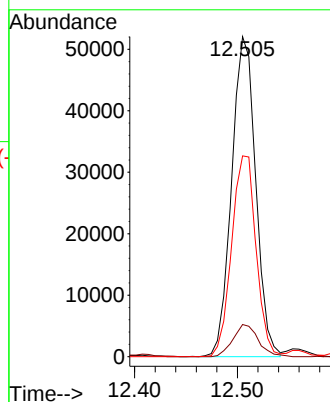
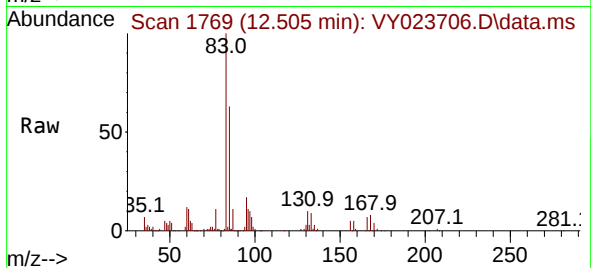
Tgt Ion: 83 Resp: 84758

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 22.657 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023706.D

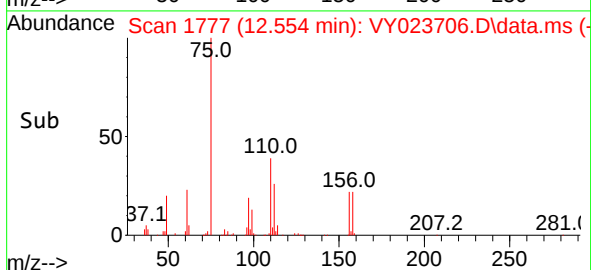
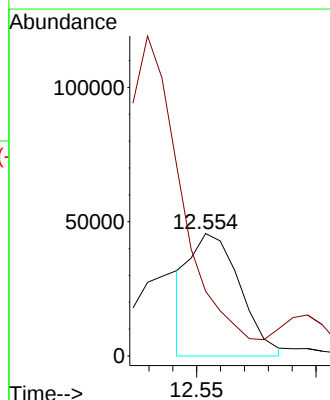
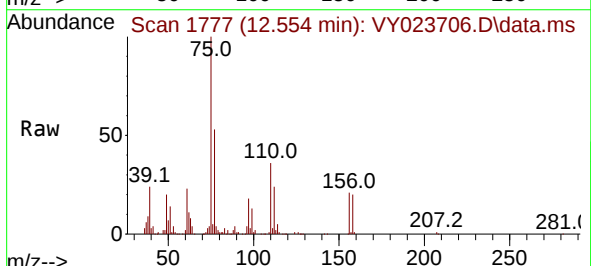
Acq: 07 Nov 2025 09:55

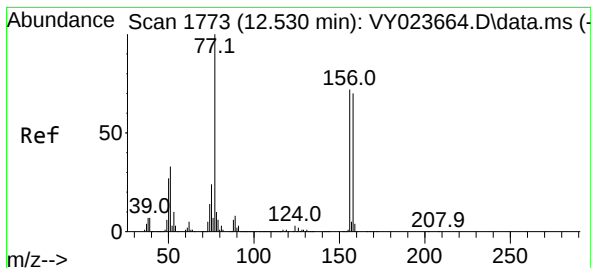
Tgt Ion: 75 Resp: 66848

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.988 ug/l

RT: 12.535 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

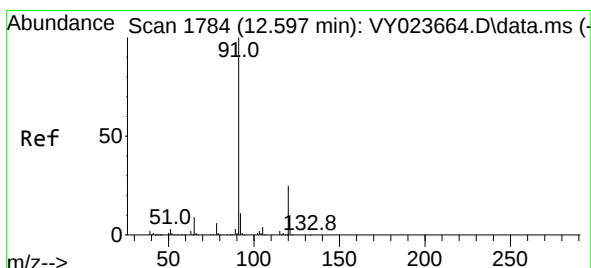
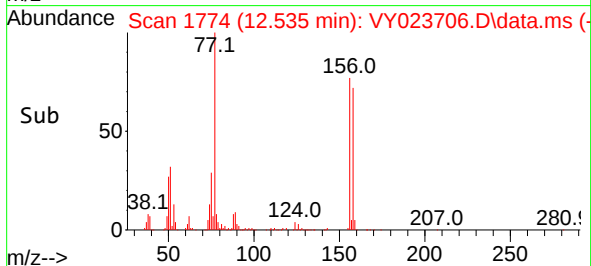
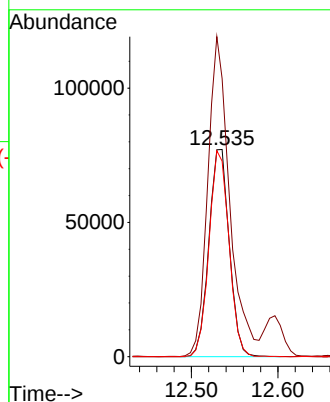
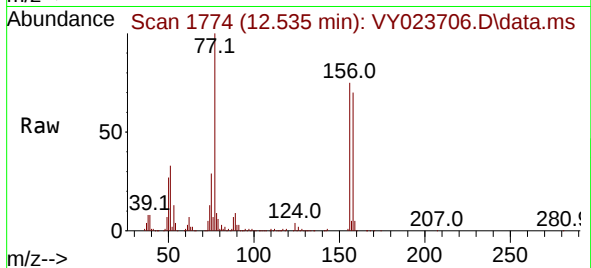
Tgt Ion:156 Resp: 126416

Ion Ratio Lower Upper

156 100

77 166.3 77.9 233.7

158 97.4 48.5 145.5



#78

n-propylbenzene

Concen: 20.605 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023706.D

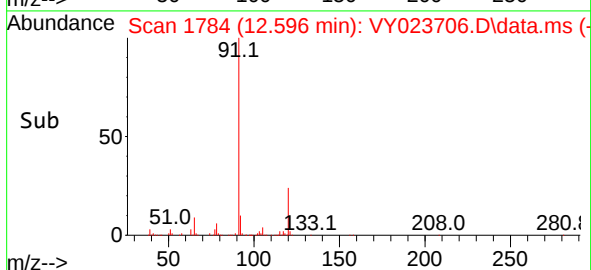
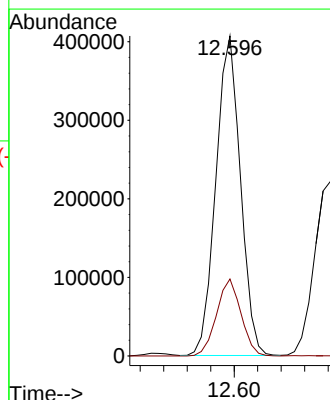
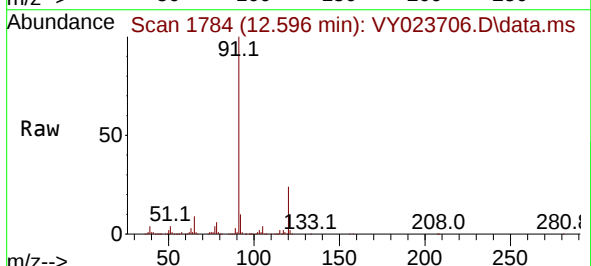
Acq: 07 Nov 2025 09:55

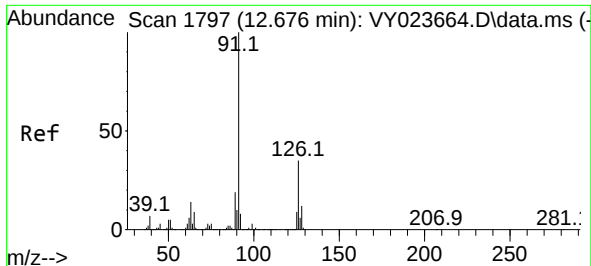
Tgt Ion: 91 Resp: 590929

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.1





#79

2-Chlorotoluene

Concen: 20.552 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

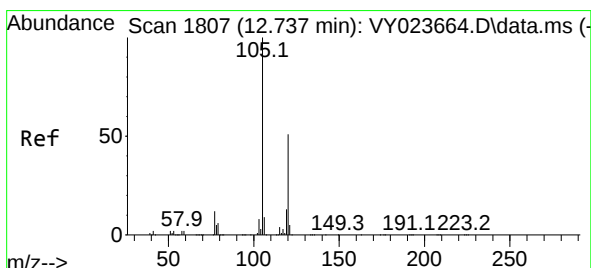
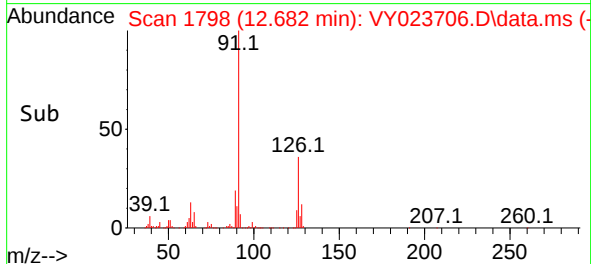
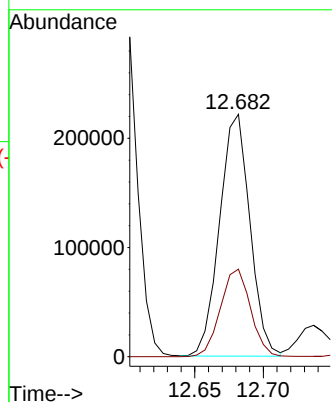
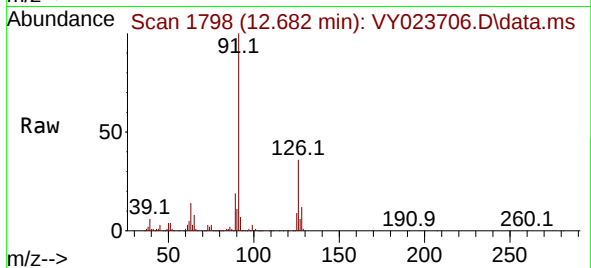
VY1107SBS01

Tgt Ion: 91 Resp: 342029

Ion Ratio Lower Upper

91 100

126 35.9 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 20.508 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY023706.D

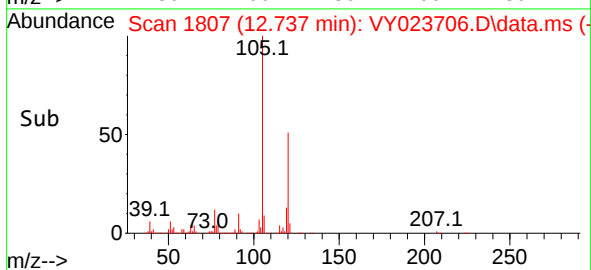
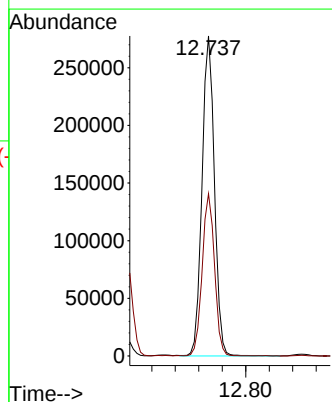
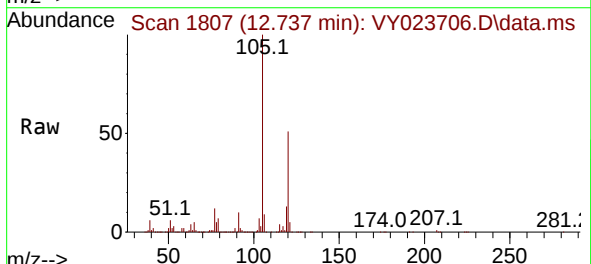
Acq: 07 Nov 2025 09:55

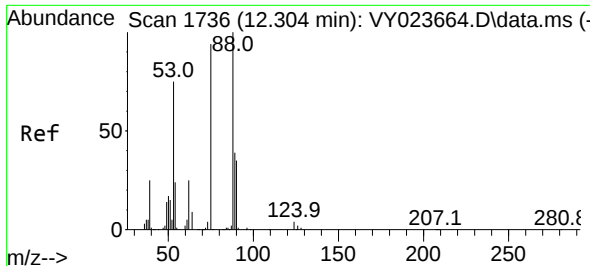
Tgt Ion: 105 Resp: 406275

Ion Ratio Lower Upper

105 100

120 50.4 25.4 76.2

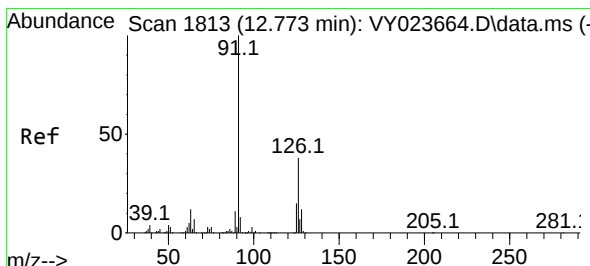
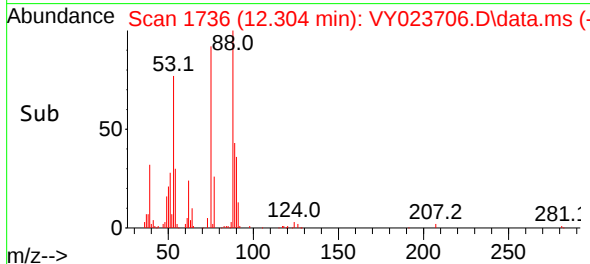
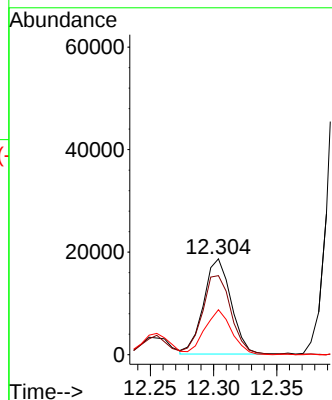
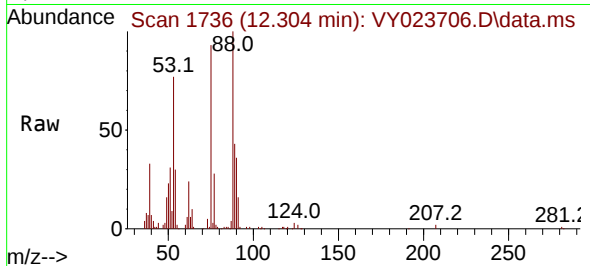




#81
trans-1,4-Dichloro-2-butene
Concen: 21.510 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

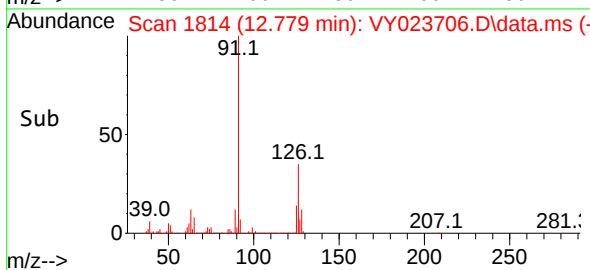
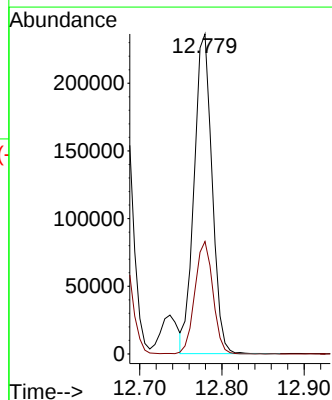
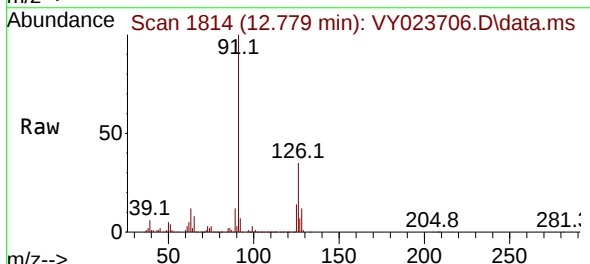
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

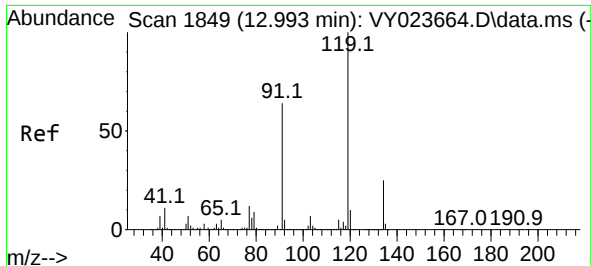
Tgt Ion: 75 Resp: 28082
Ion Ratio Lower Upper
75 100
53 88.0 69.6 104.4
89 45.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.822 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 91 Resp: 357378
Ion Ratio Lower Upper
91 100
126 35.5 18.1 54.4

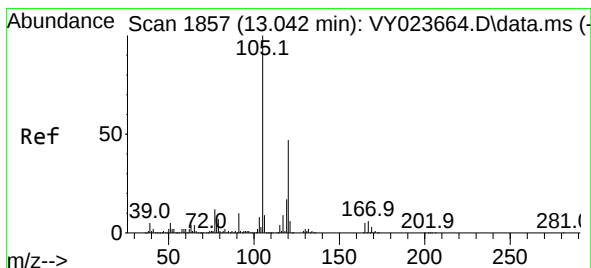
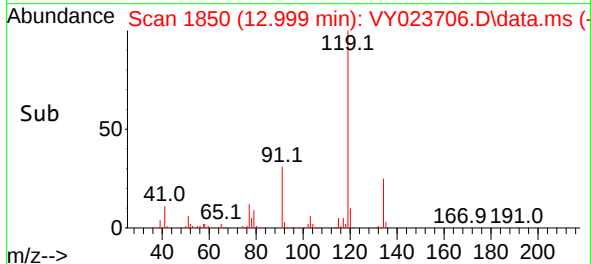
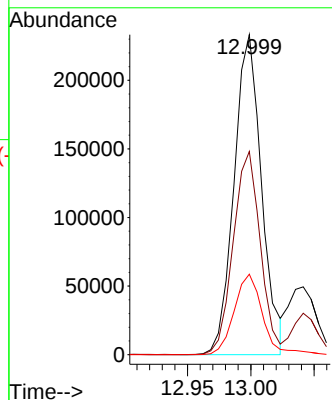
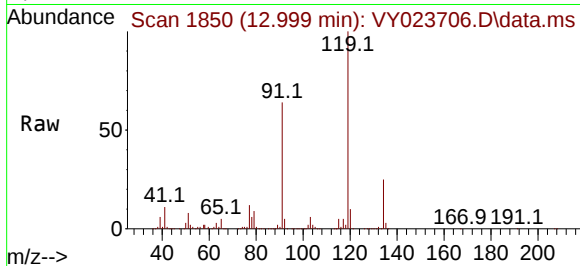




#83
 tert-Butylbenzene
 Concen: 19.602 ug/l
 RT: 12.999 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

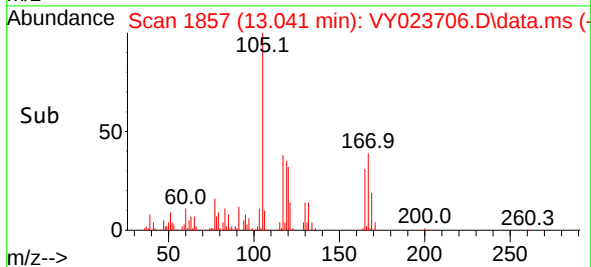
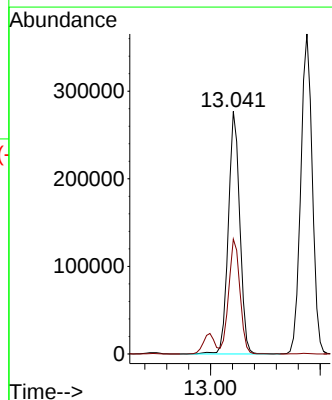
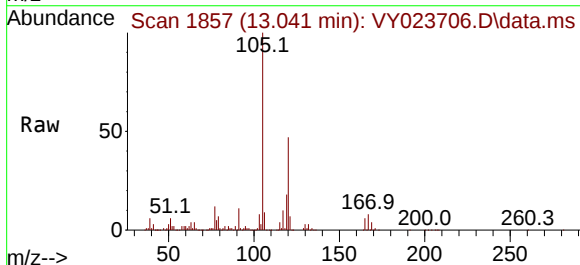
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

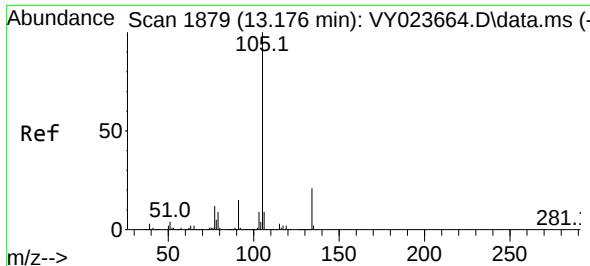
Tgt Ion:119 Resp: 353670
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.7 92.1
 134 26.0 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.551 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

Tgt Ion:105 Resp: 403238
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6

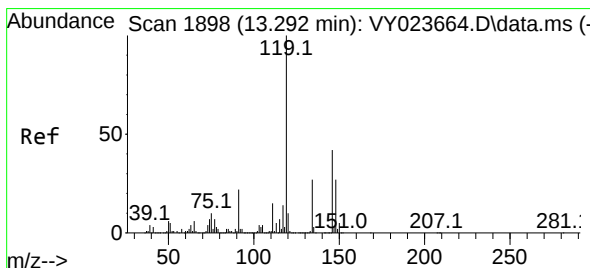
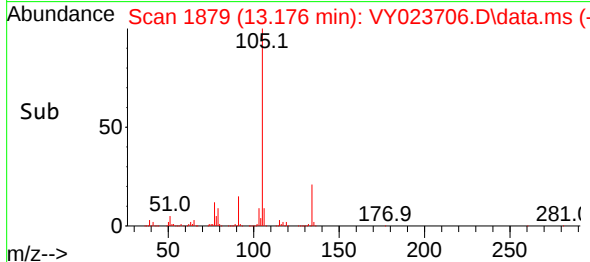
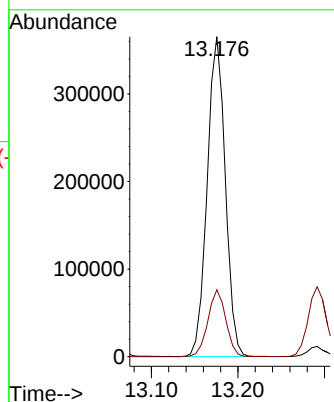
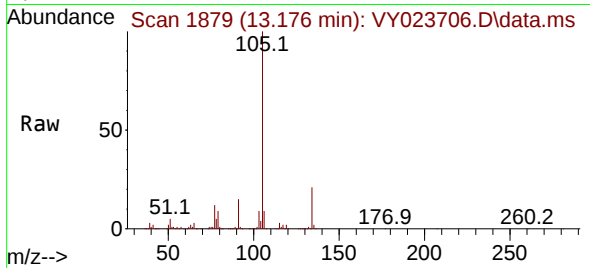




#85
 sec-Butylbenzene
 Concen: 20.360 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

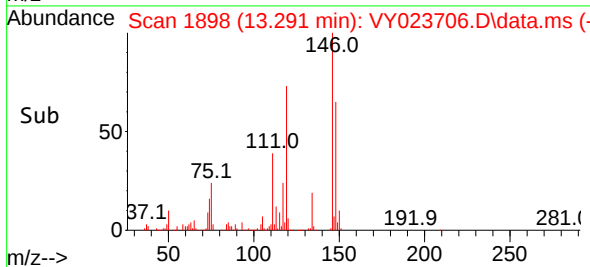
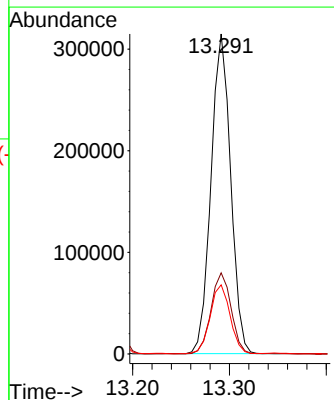
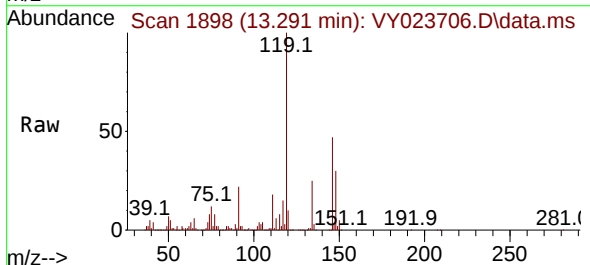
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

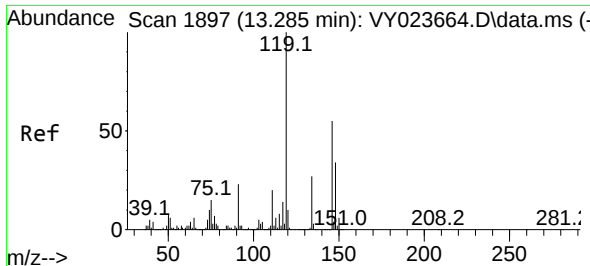
Tgt Ion:105 Resp: 529844
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.095 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

Tgt Ion:119 Resp: 442699
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.2
 91 21.9 11.1 33.1

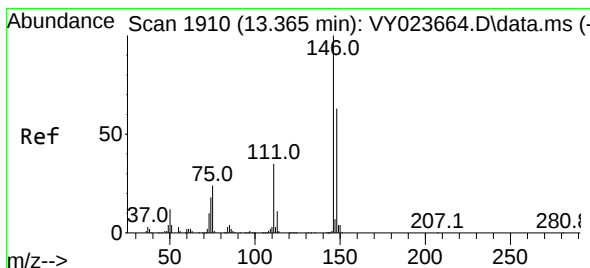
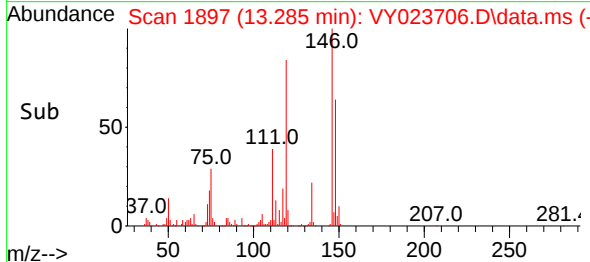
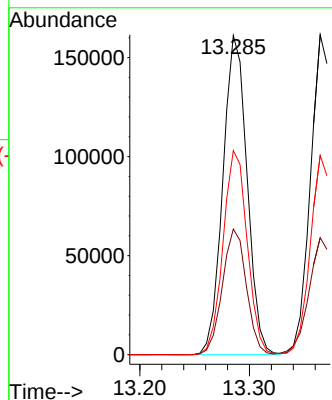
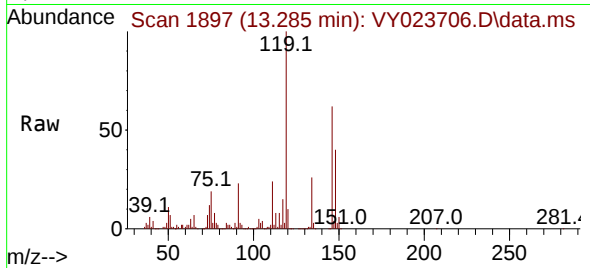




#87
 1,3-Dichlorobenzene
 Concen: 19.859 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

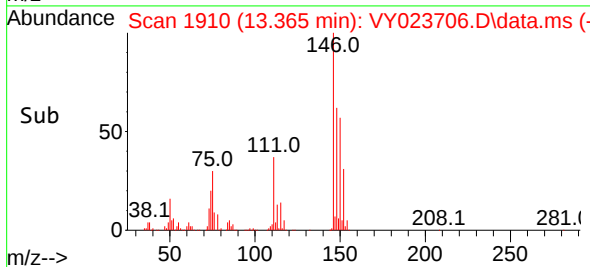
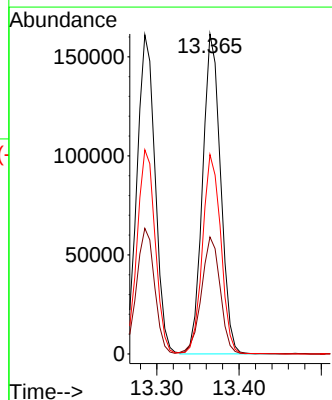
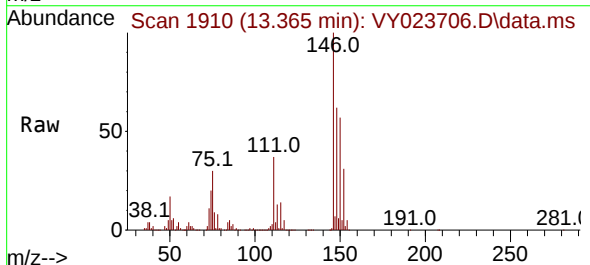
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

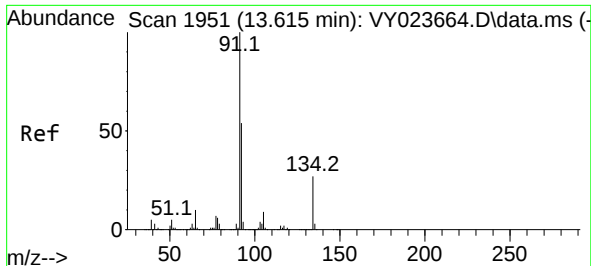
Tgt Ion:146 Resp: 247209
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.8 56.3
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.060 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023706.D
 Acq: 07 Nov 2025 09:55

Tgt Ion:146 Resp: 245286
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.3 54.8
 148 63.6 31.8 95.3

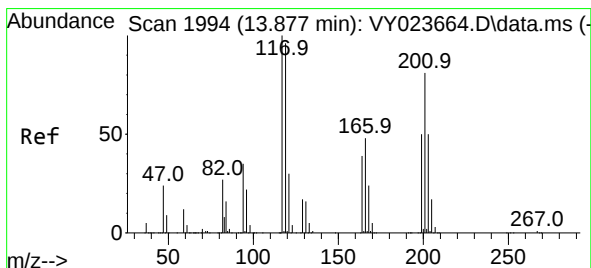
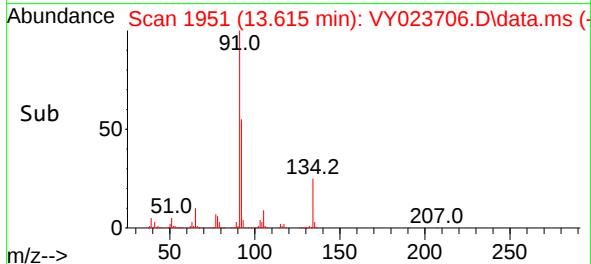
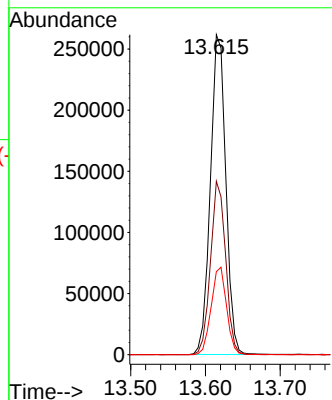
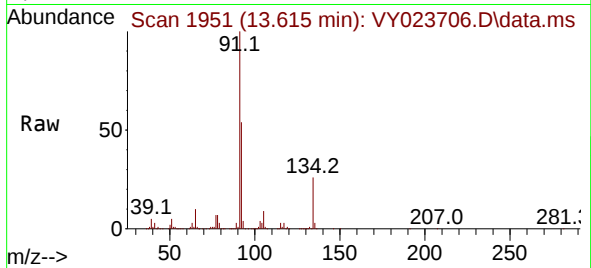




#89
n-Butylbenzene
Concen: 19.646 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

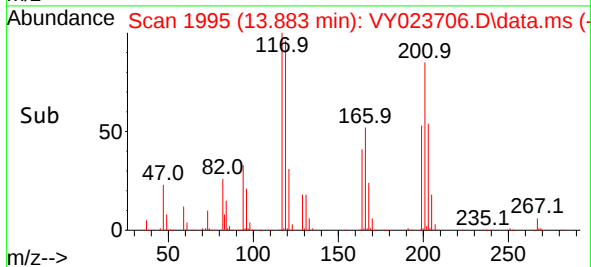
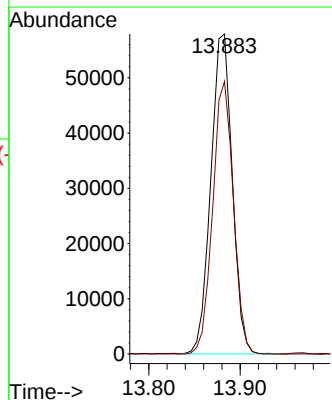
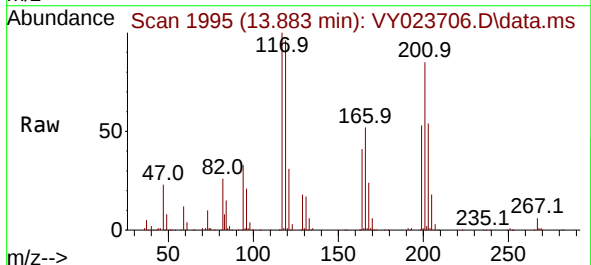
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

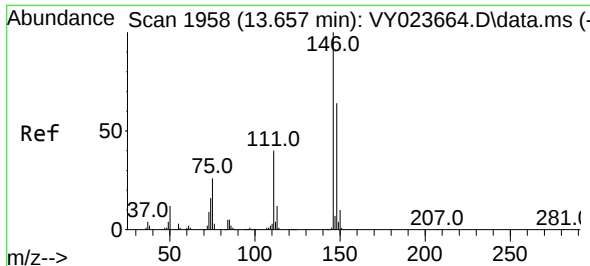
Tgt Ion: 91 Resp: 376350
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 27.3 13.7 41.1



#90
Hexachloroethane
Concen: 19.916 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 117 Resp: 94289
Ion Ratio Lower Upper
117 100
201 82.3 42.3 126.8

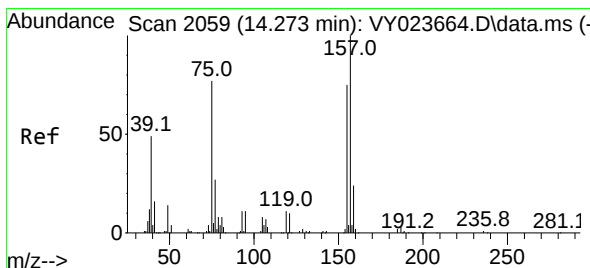
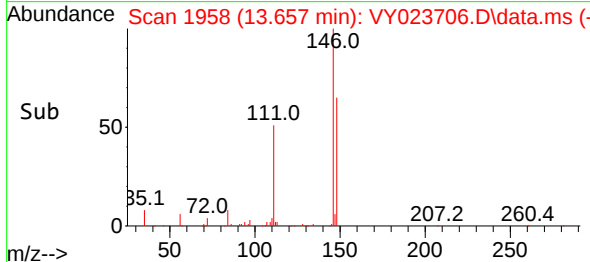
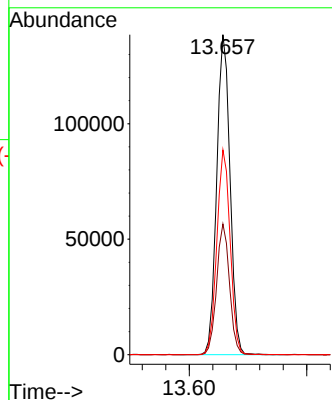
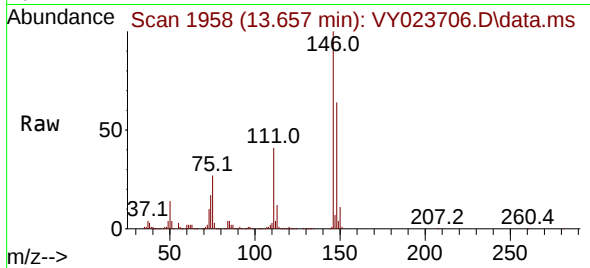




#91
1,2-Dichlorobenzene
Concen: 20.236 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

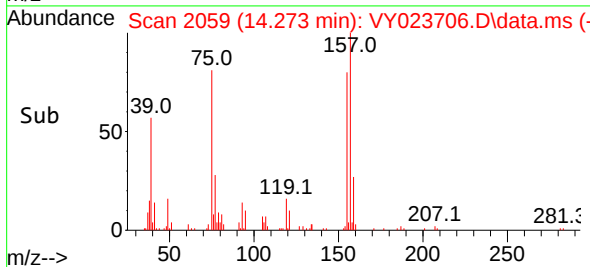
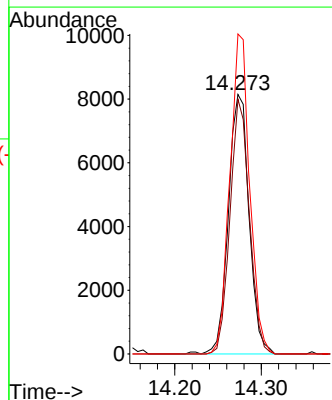
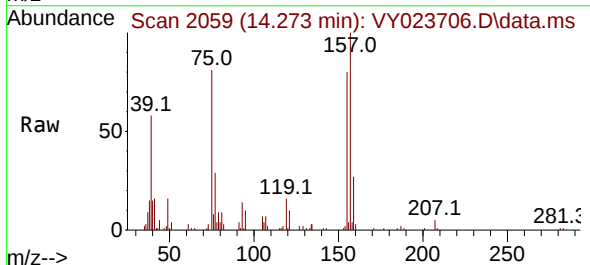
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

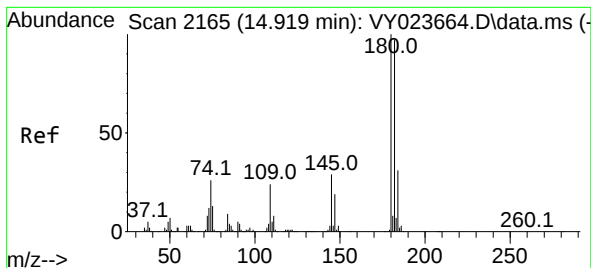
Tgt Ion:146 Resp: 217085
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 64.0 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.542 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023706.D
Acq: 07 Nov 2025 09:55

Tgt Ion: 75 Resp: 13516
Ion Ratio Lower Upper
75 100
155 91.7 49.4 148.2
157 118.3 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 19.321 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

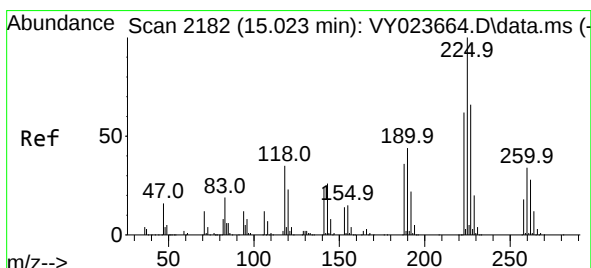
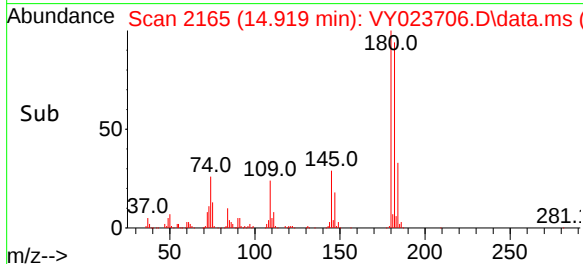
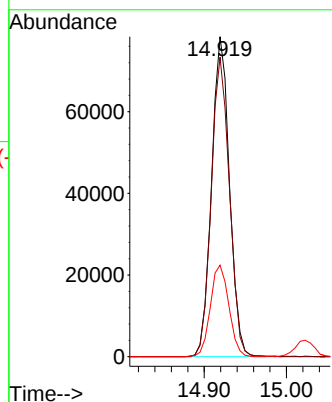
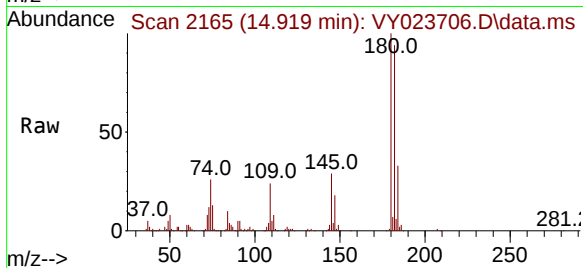
Tgt Ion:180 Resp: 118554

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.6

145 29.5 14.4 43.4



#94

Hexachlorobutadiene

Concen: 19.149 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

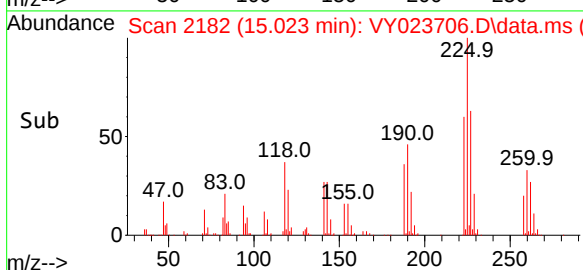
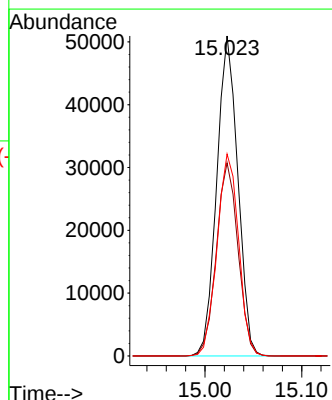
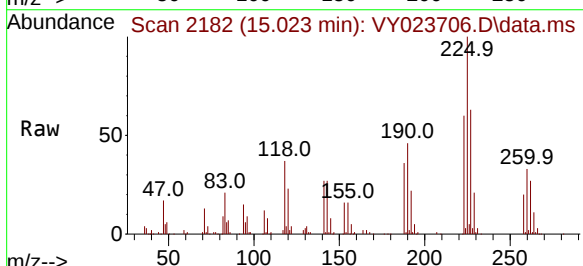
Tgt Ion:225 Resp: 76988

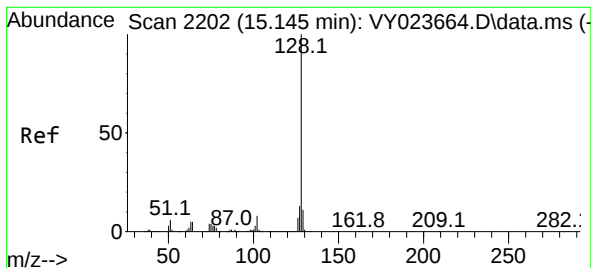
Ion Ratio Lower Upper

225 100

223 61.9 30.8 92.3

227 64.5 32.0 96.2





#95

Naphthalene

Concen: 20.175 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

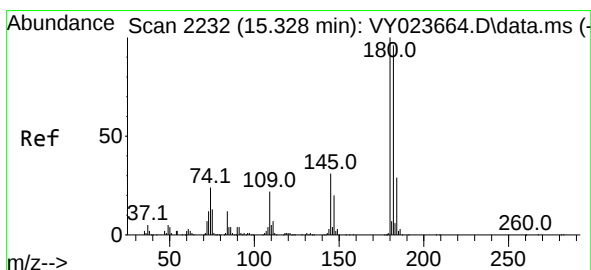
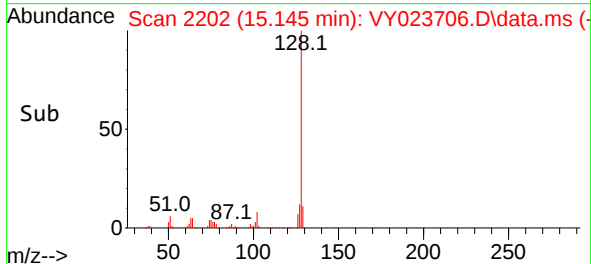
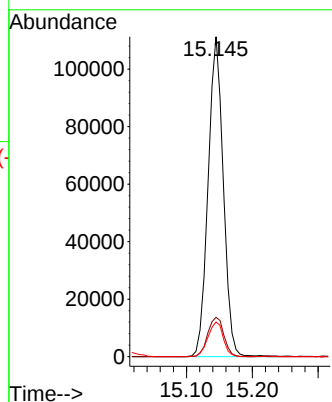
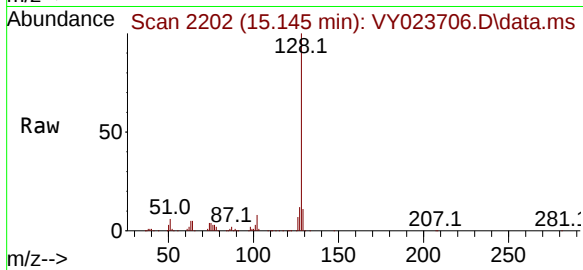
Tgt Ion:128 Resp: 178794

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.208 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023706.D

Acq: 07 Nov 2025 09:55

Tgt Ion:180 Resp: 103600

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.6

145 30.8 15.5 46.5

