

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
 Data File : VY023338.D
 Acq On : 11 Sep 2025 10:18
 Operator : SY/MD
 Sample : VY0911SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

Quant Time: Sep 12 01:22:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	502731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	761637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	666312	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	349115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	197454	44.697	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.400%
35) Dibromofluoromethane	7.634	113	214582	46.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.180%
50) Toluene-d8	10.109	98	835931	47.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.408	95	258607	46.745	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85284	21.145	ug/l	99
3) Chloromethane	2.074	50	125377	21.724	ug/l	95
4) Vinyl Chloride	2.208	62	149165	20.516	ug/l	97
5) Bromomethane	2.592	94	126097	21.240	ug/l	100
6) Chloroethane	2.739	64	102524	20.837	ug/l	97
7) Trichlorofluoromethane	3.056	101	195673	21.322	ug/l	99
8) Diethyl Ether	3.458	74	47345	19.498	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	101441	20.555	ug/l	98
10) Methyl Iodide	4.007	142	93982	16.325	ug/l	98
11) Tert butyl alcohol	4.866	59	23375	91.576	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	95041	20.019	ug/l	91
13) Acrolein	3.653	56	36451	84.469	ug/l	95
14) Allyl chloride	4.385	41	116526	19.430	ug/l	97
15) Acrylonitrile	5.061	53	91474	95.696	ug/l	97
16) Acetone	3.872	43	96774	96.173	ug/l	96
17) Carbon Disulfide	4.104	76	297793	19.812	ug/l	98
18) Methyl Acetate	4.391	43	46309	18.761	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	214104	19.180	ug/l	96
20) Methylene Chloride	4.616	84	117682	21.860	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	105321	19.855	ug/l	94
22) Diisopropyl ether	6.018	45	267785	20.049	ug/l	93
23) Vinyl Acetate	5.964	43	702594	95.153	ug/l	98
24) 1,1-Dichloroethane	5.921	63	176535	20.208	ug/l	97
25) 2-Butanone	6.896	43	120169	97.031	ug/l	92
26) 2,2-Dichloropropane	6.884	77	156648	20.308	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	119978	19.973	ug/l	95
28) Bromochloromethane	7.250	49	66792	19.431	ug/l	88
29) Tetrahydrofuran	7.262	42	67036	91.257	ug/l	96
30) Chloroform	7.421	83	189857	20.227	ug/l	93
31) Cyclohexane	7.707	56	149608	19.353	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	169643	20.229	ug/l	99
36) 1,1-Dichloropropene	7.835	75	133839	20.184	ug/l	98
37) Ethyl Acetate	6.988	43	49877	18.909	ug/l	98
38) Carbon Tetrachloride	7.823	117	154693	20.275	ug/l	96
39) Methylcyclohexane	9.109	83	167200	19.710	ug/l	97
40) Benzene	8.085	78	422815	20.514	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	68436	50.101	ug/l #	34
42) 1,2-Dichloroethane	8.158	62	104545	19.923	ug/l	98
43) Isopropyl Acetate	8.201	43	95075	18.532	ug/l	98
44) Trichloroethene	8.865	130	116340	20.265	ug/l	94
45) 1,2-Dichloropropane	9.140	63	93799	20.151	ug/l	98
46) Dibromomethane	9.231	93	56015	19.760	ug/l	97
47) Bromodichloromethane	9.426	83	145136	20.351	ug/l	99
48) Methyl methacrylate	9.219	41	41768	17.467	ug/l	87
49) 1,4-Dioxane	9.231	88	10810	375.667	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	244722	93.238	ug/l	98
52) Toluene	10.170	92	270108	20.651	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	121881	19.851	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	146088	19.912	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	74404	19.732	ug/l	95
56) Ethyl methacrylate	10.438	69	81277	18.604	ug/l	95
57) 1,3-Dichloropropane	10.719	76	121457	19.841	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	166798	87.601	ug/l	95
59) 2-Hexanone	10.761	43	174894	96.389	ug/l	99
60) Dibromochloromethane	10.914	129	100650	19.672	ug/l	98
61) 1,2-Dibromoethane	11.018	107	69704	19.727	ug/l	99
64) Tetrachloroethene	10.646	164	142817	21.506	ug/l	99
65) Chlorobenzene	11.444	112	298216	20.430	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	103283	20.158	ug/l	98
67) Ethyl Benzene	11.517	91	481337	20.184	ug/l	99
68) m/p-Xylenes	11.627	106	395247	41.391	ug/l	95
69) o-Xylene	11.956	106	176176	19.930	ug/l	99
70) Styrene	11.969	104	298957	20.406	ug/l	98
71) Bromoform	12.133	173	60474	19.820	ug/l #	100
73) Isopropylbenzene	12.255	105	461568	19.627	ug/l	99
74) N-amyl acetate	12.072	43	76545	17.220	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	72054	18.257	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	100779	28.505	ug/l #	100
77) Bromobenzene	12.529	156	118443	19.714	ug/l	93
78) n-propylbenzene	12.597	91	554600	20.009	ug/l	99
79) 2-Chlorotoluene	12.682	91	318942	19.979	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	384589	20.108	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	23229	17.918	ug/l	99
82) 4-Chlorotoluene	12.779	91	331983	19.874	ug/l	97
83) tert-Butylbenzene	12.999	119	335958	19.394	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	381335	20.154	ug/l	100
85) sec-Butylbenzene	13.176	105	500159	19.844	ug/l	99
86) p-Isopropyltoluene	13.291	119	423292	19.882	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	234363	19.713	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	231069	19.623	ug/l	99
89) n-Butylbenzene	13.615	91	368066	19.494	ug/l	98
90) Hexachloroethane	13.877	117	89780	19.451	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	205368	19.812	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10896	17.595	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	116470	19.263	ug/l	99
94) Hexachlorobutadiene	15.023	225	74227	19.855	ug/l	99
95) Naphthalene	15.145	128	169637	17.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	99907	19.026	ug/l	100

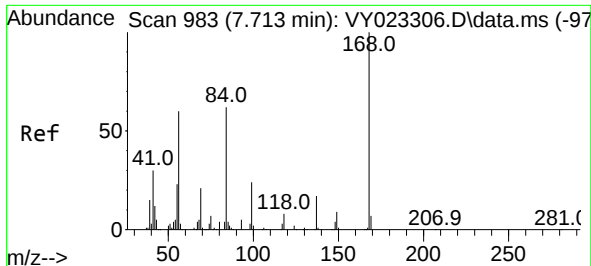
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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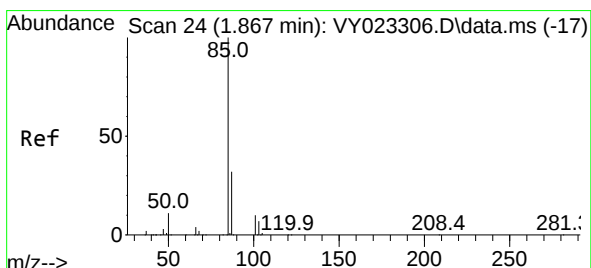
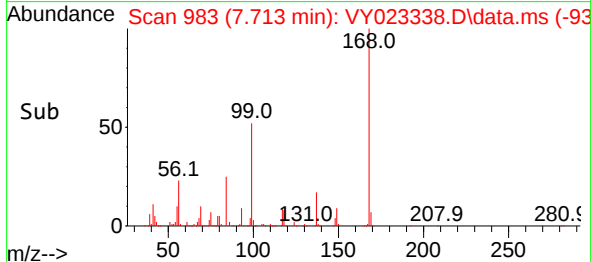
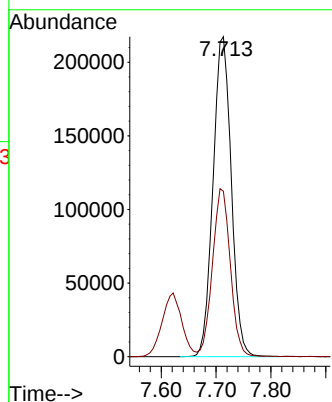
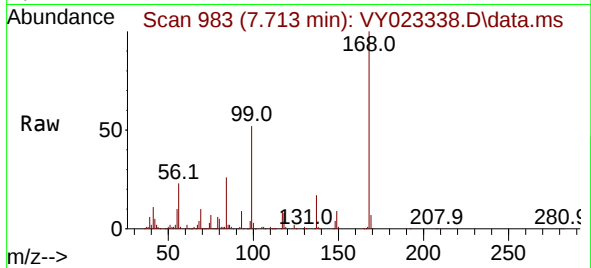
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023338.D
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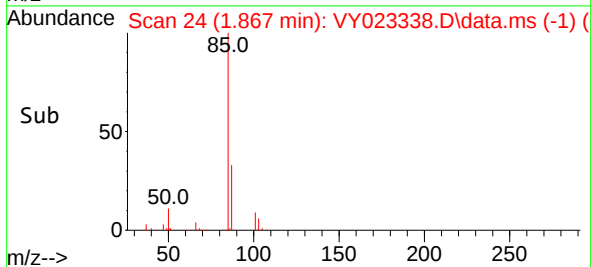
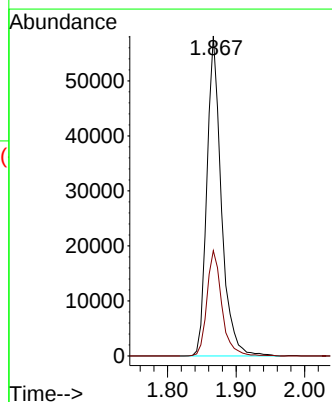
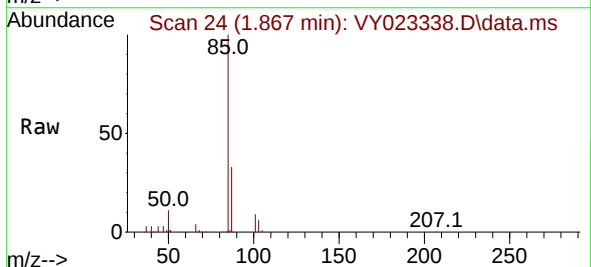
Instrument :
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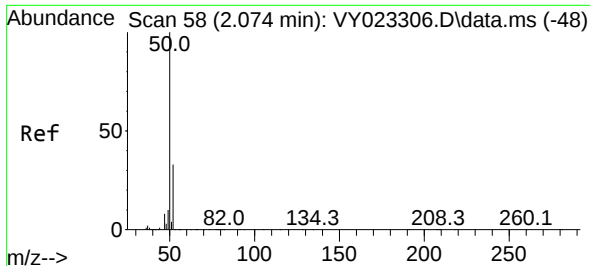
Tgt Ion:168 Resp: 502731
Ion Ratio Lower Upper
168 100
99 51.6 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.145 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 85 Resp: 85284
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8

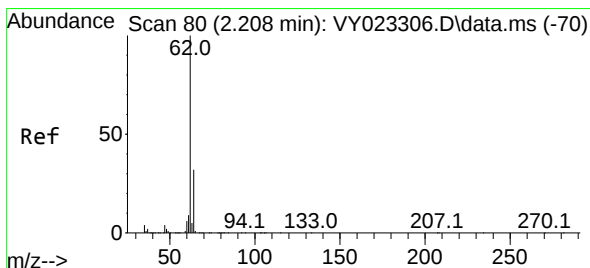
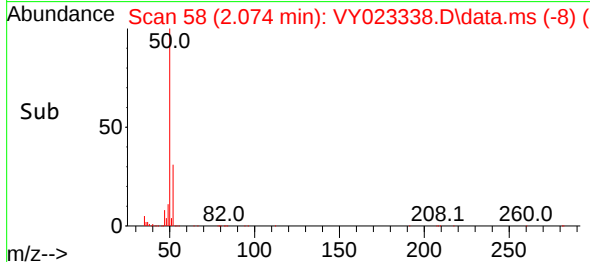
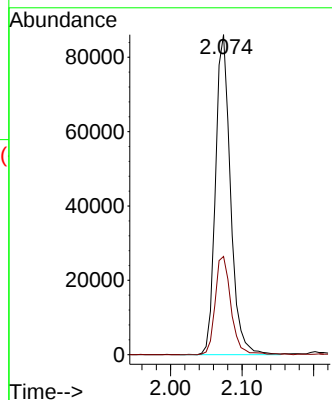
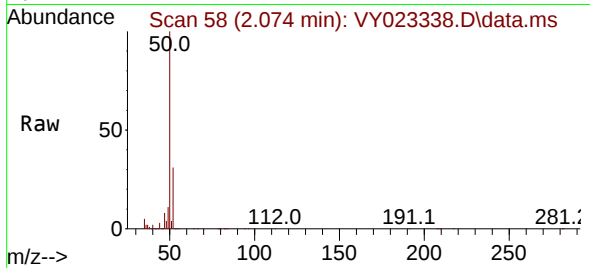




#3
Chloromethane
Concen: 21.724 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

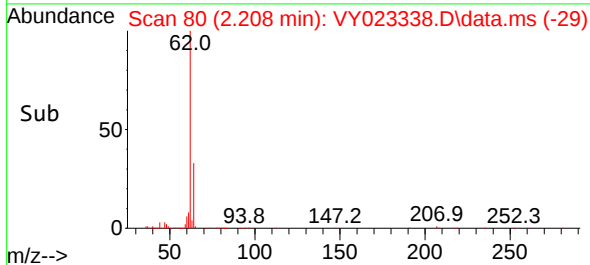
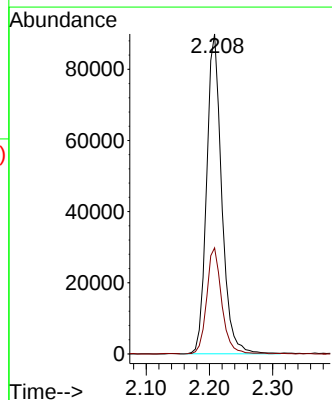
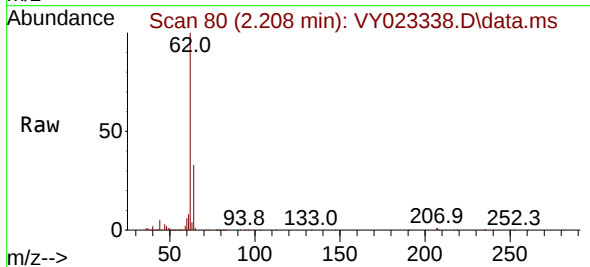
Instrument :
MSVOA_Y
ClientSampleId :
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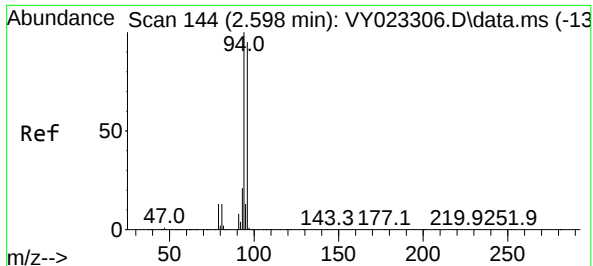
Tgt Ion: 50 Resp: 125377
Ion Ratio Lower Upper
50 100
52 30.7 26.7 40.1



#4
Vinyl Chloride
Concen: 20.516 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 62 Resp: 149165
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

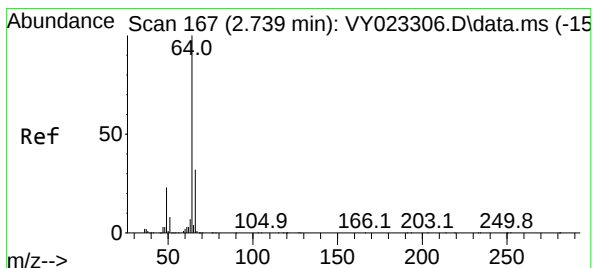
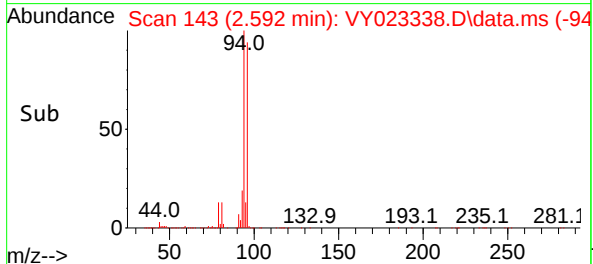
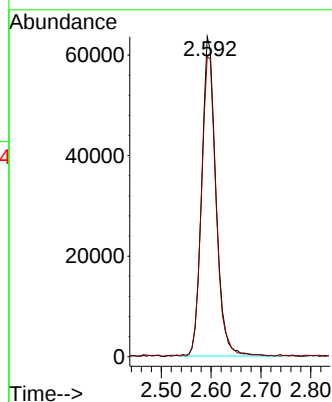
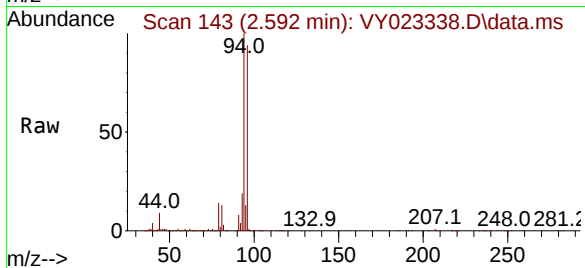




#5
Bromomethane
Concen: 21.240 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

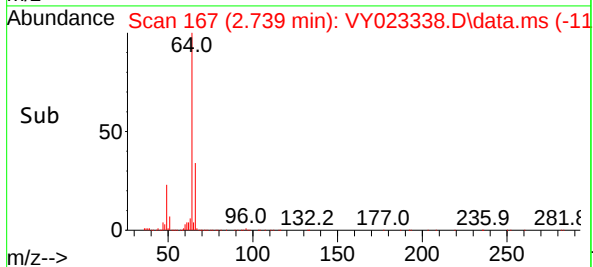
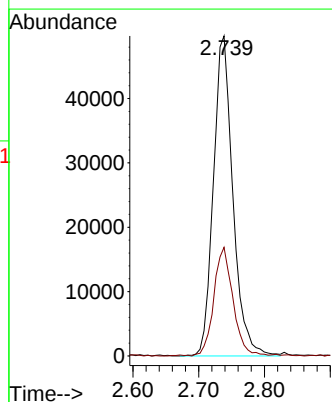
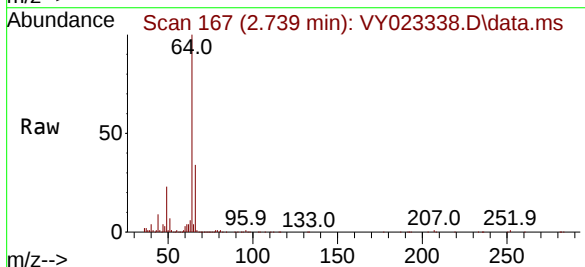
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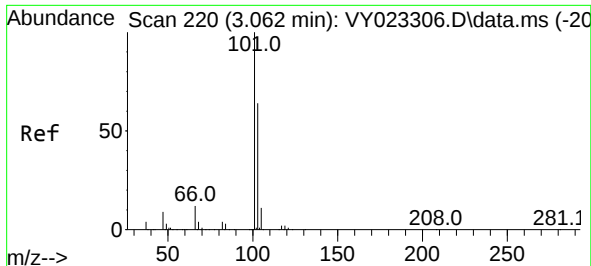
Tgt Ion: 94 Resp: 126097
Ion Ratio Lower Upper
94 100
96 93.6 74.6 112.0



#6
Chloroethane
Concen: 20.837 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 64 Resp: 102524
Ion Ratio Lower Upper
64 100
66 33.7 25.8 38.6

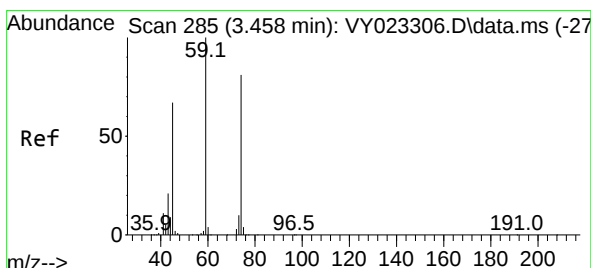
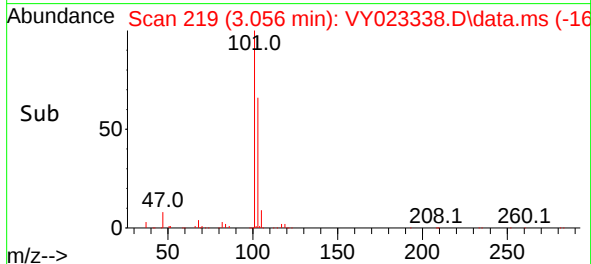
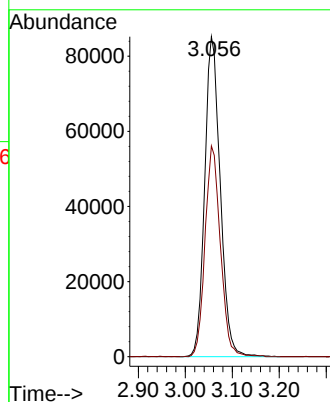
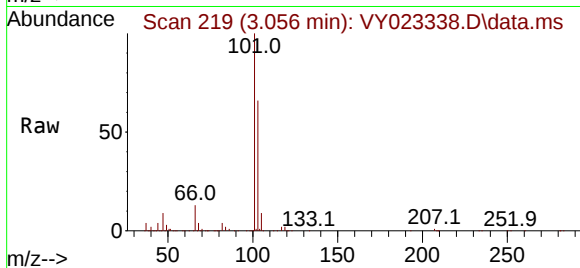




#7
Trichlorofluoromethane
Concen: 21.322 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

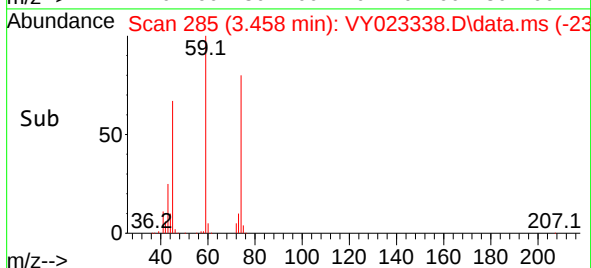
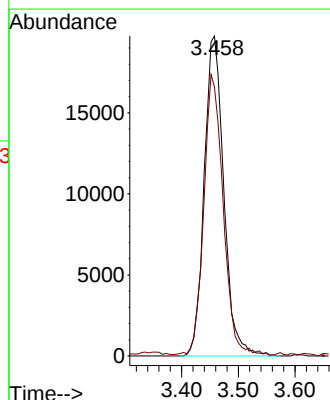
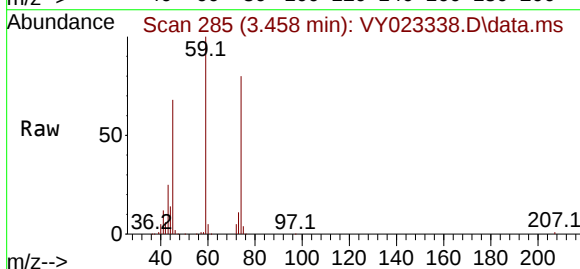
Instrument :
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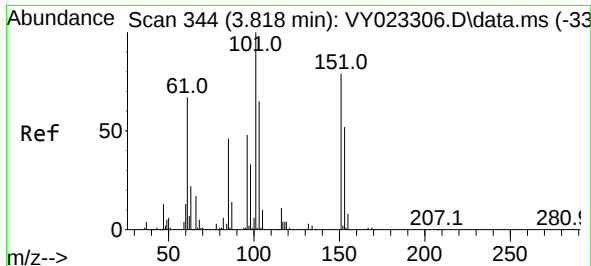
Tgt Ion:101 Resp: 195673
Ion Ratio Lower Upper
101 100
103 65.9 51.9 77.9



#8
Diethyl Ether
Concen: 19.498 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 74 Resp: 47345
Ion Ratio Lower Upper
74 100
45 86.4 44.4 133.2

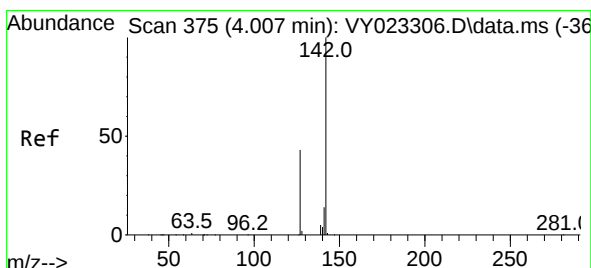
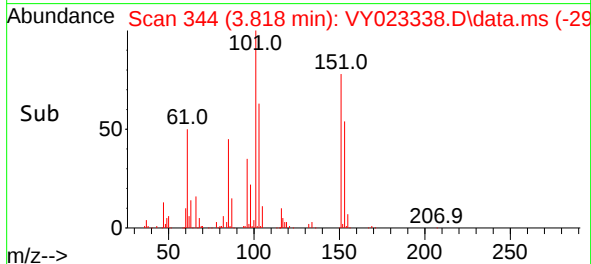
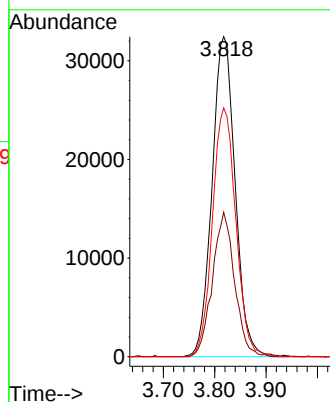
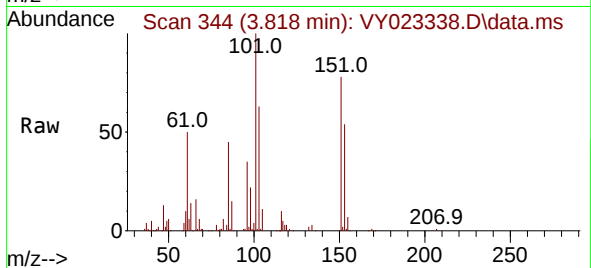




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.555 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
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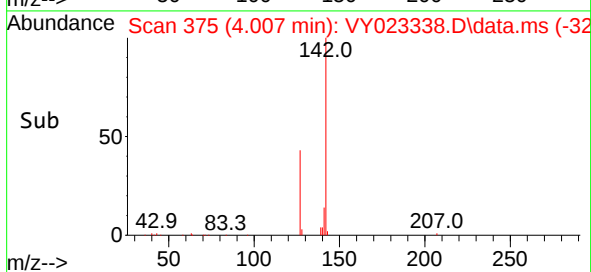
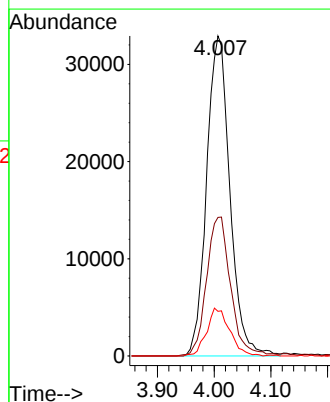
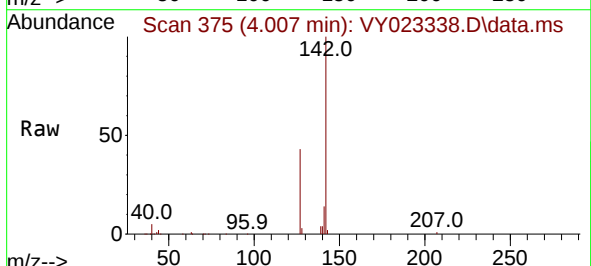
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

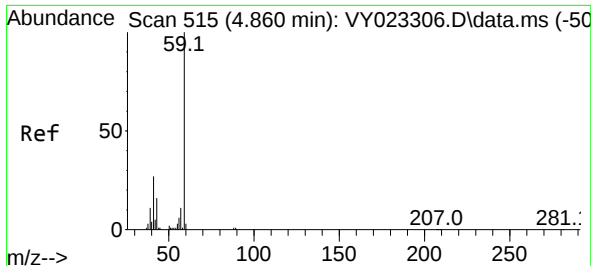
Tgt Ion:101 Resp: 101441
Ion Ratio Lower Upper
101 100
85 43.2 36.3 54.5
151 78.6 61.5 92.3



#10
Methyl Iodide
Concen: 16.325 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion:142 Resp: 93982
Ion Ratio Lower Upper
142 100
127 44.8 34.9 52.3
141 14.7 11.3 16.9

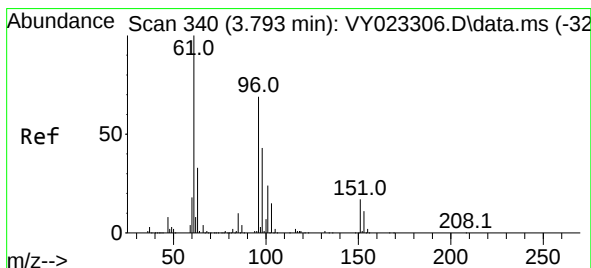
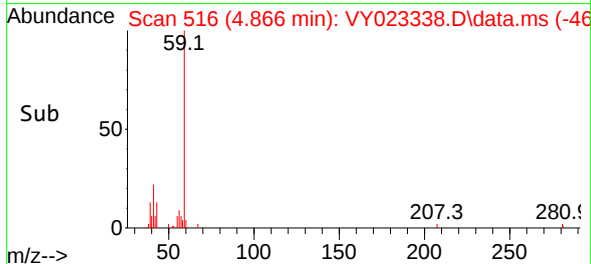
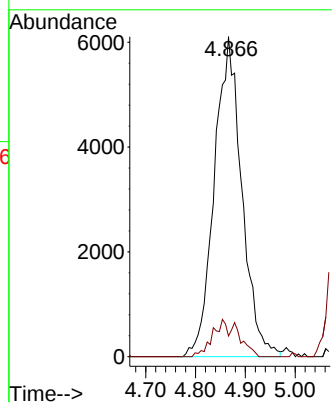
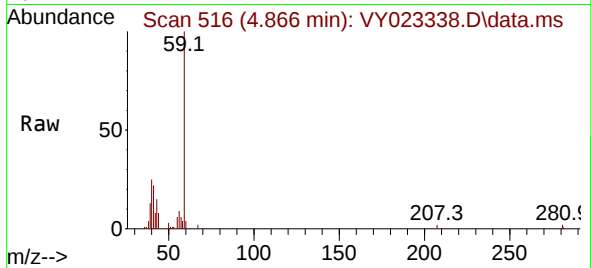




#11
Tert butyl alcohol
Concen: 91.576 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

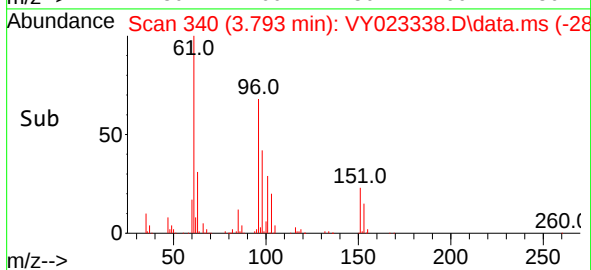
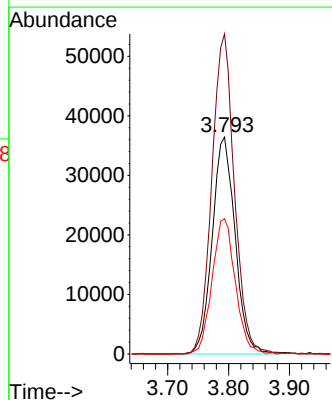
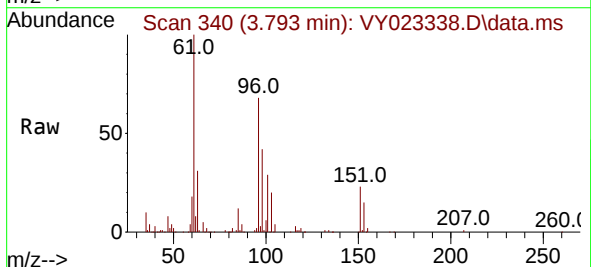
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

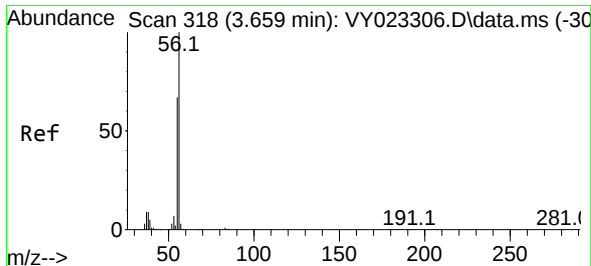
Tgt Ion: 59 Resp: 23375
Ion Ratio Lower Upper
59 100
57 6.4 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 20.019 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 96 Resp: 95041
Ion Ratio Lower Upper
96 100
61 147.5 129.4 194.2
98 62.2 52.8 79.2

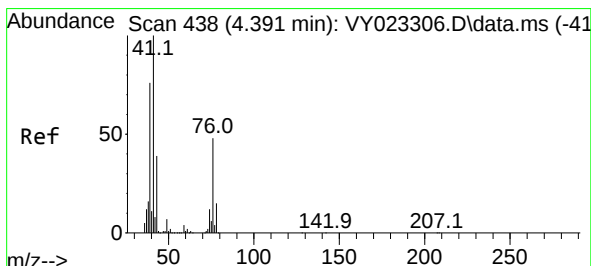
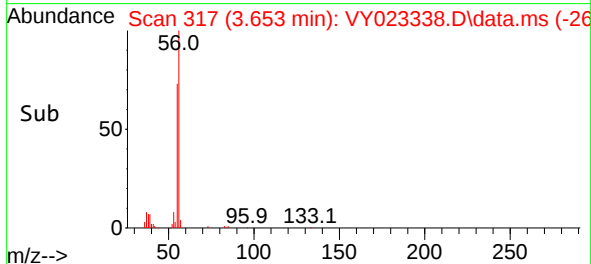
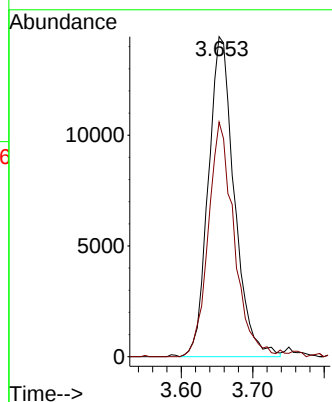
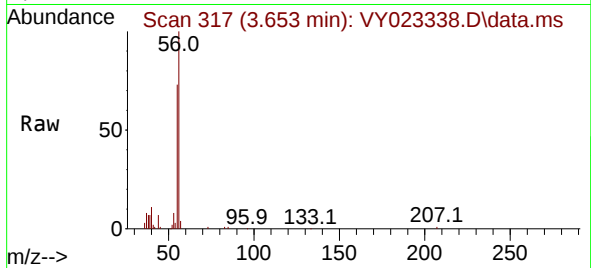




#13
Acrolein
Concen: 84.469 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

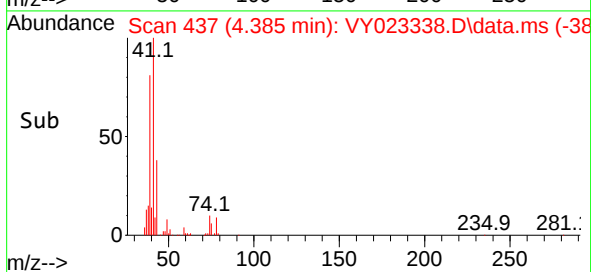
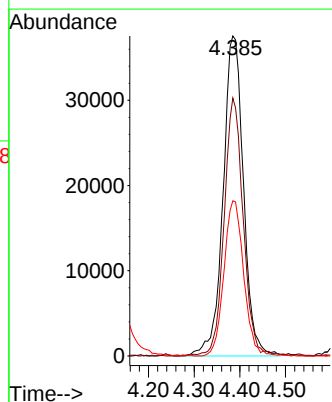
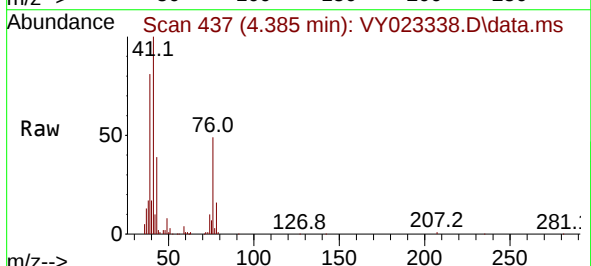
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

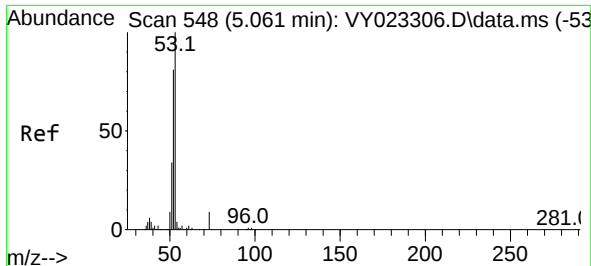
Tgt Ion: 56 Resp: 36451
Ion Ratio Lower Upper
56 100
55 72.8 55.2 82.8



#14
Allyl chloride
Concen: 19.430 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 41 Resp: 116526
Ion Ratio Lower Upper
41 100
39 75.5 59.8 89.6
76 47.0 33.7 50.5

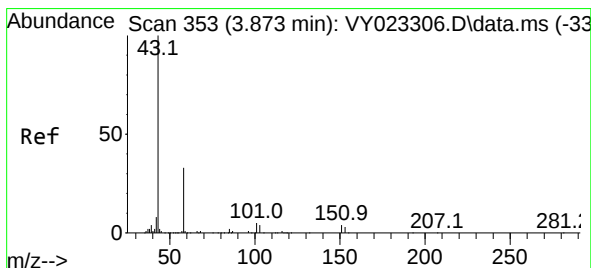
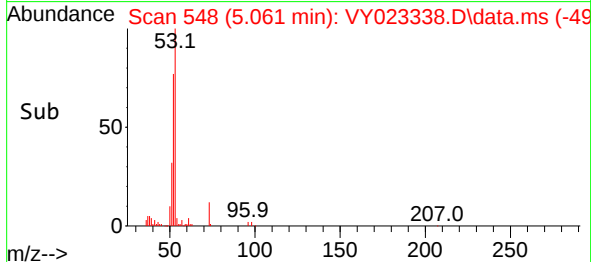
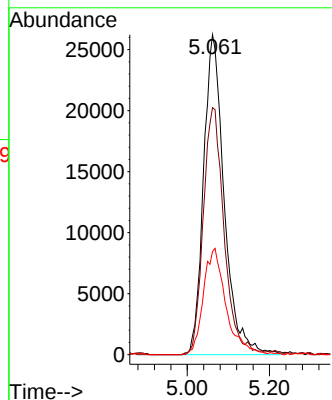
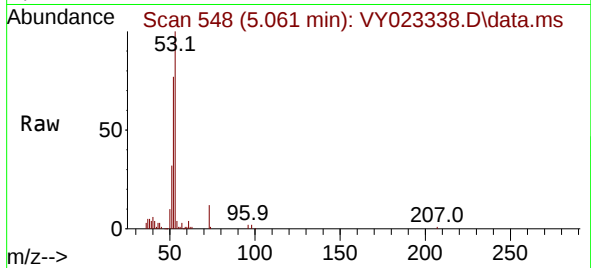




#15
Acrylonitrile
Concen: 95.696 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

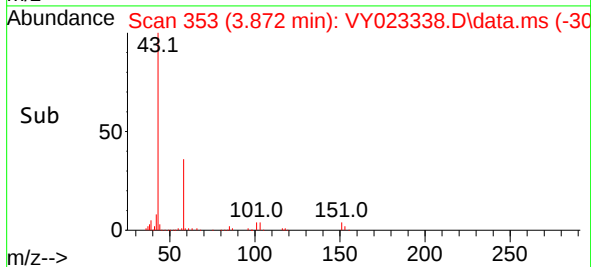
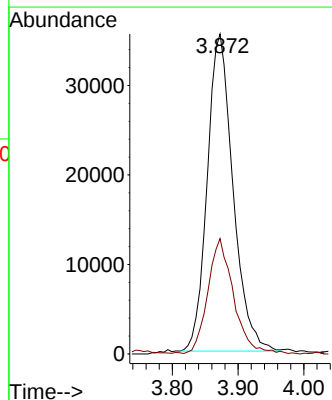
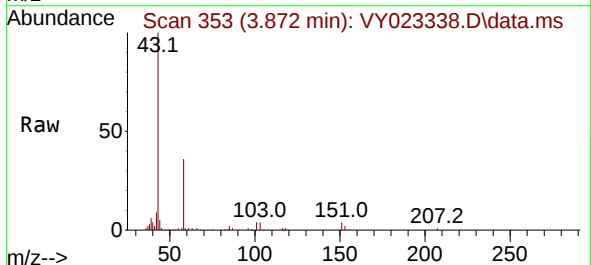
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

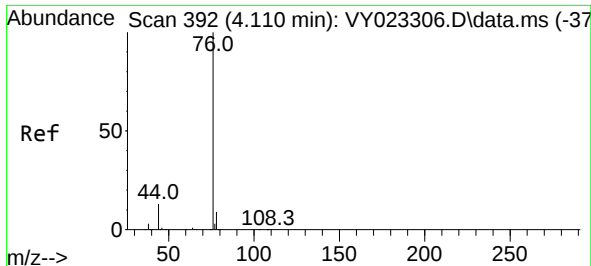
Tgt Ion: 53 Resp: 91474
Ion Ratio Lower Upper
53 100
52 77.6 65.3 97.9
51 36.4 29.5 44.3



#16
Acetone
Concen: 96.173 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 43 Resp: 96774
Ion Ratio Lower Upper
43 100
58 36.0 27.1 40.7

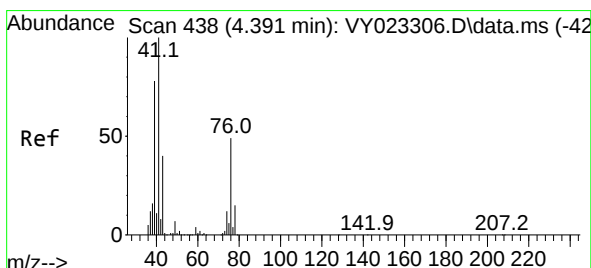
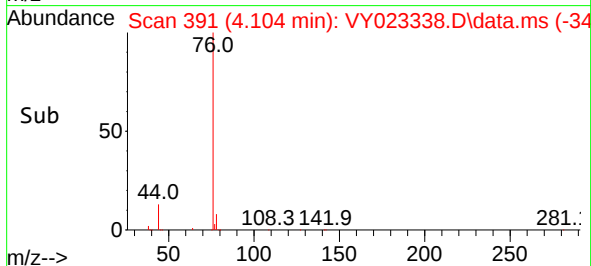
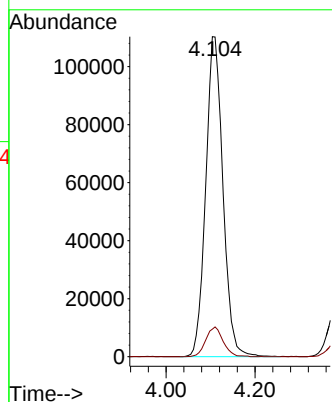
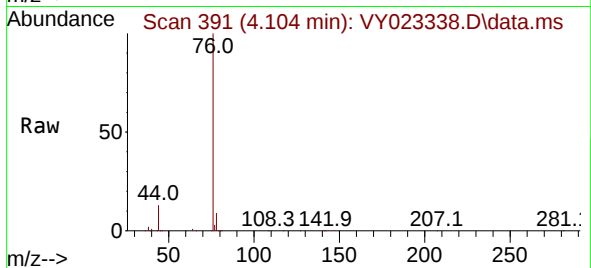




#17
Carbon Disulfide
Concen: 19.812 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

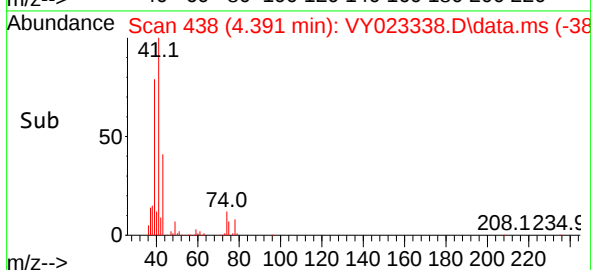
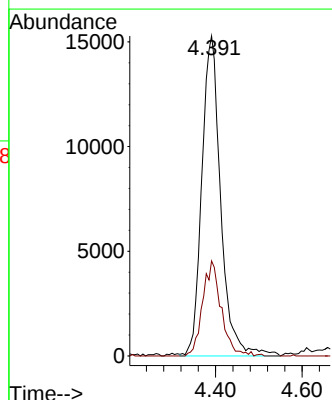
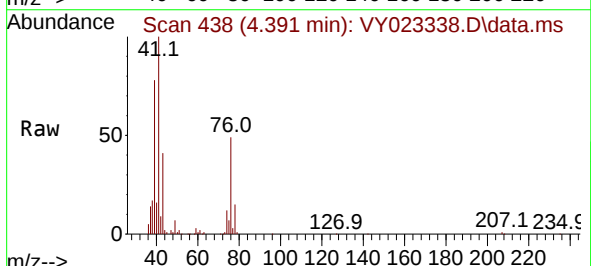
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

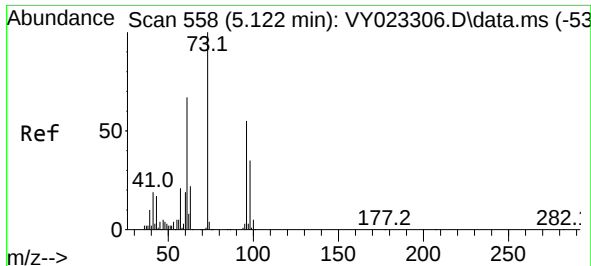
Tgt Ion: 76 Resp: 297793
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 18.761 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 43 Resp: 46309
Ion Ratio Lower Upper
43 100
74 29.1 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.180 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

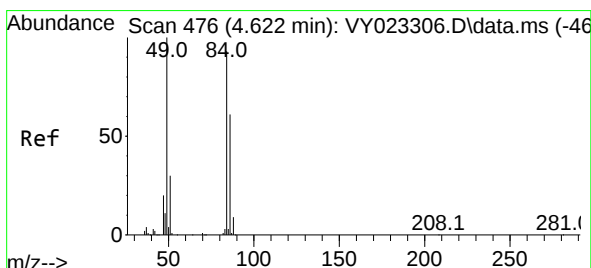
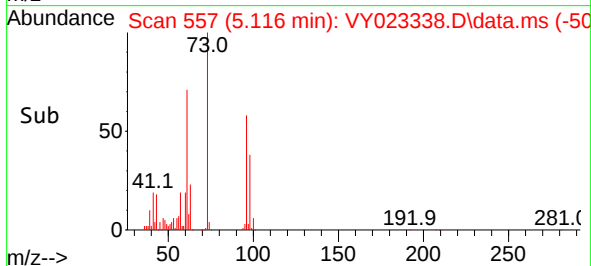
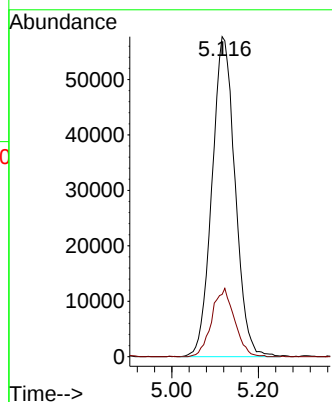
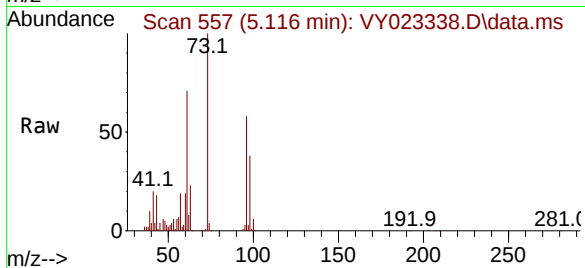
VY0911SBS01

Tgt Ion: 73 Resp: 214104

Ion Ratio Lower Upper

73 100

57 19.4 17.1 25.7



#20

Methylene Chloride

Concen: 21.860 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Tgt Ion: 84 Resp: 117682

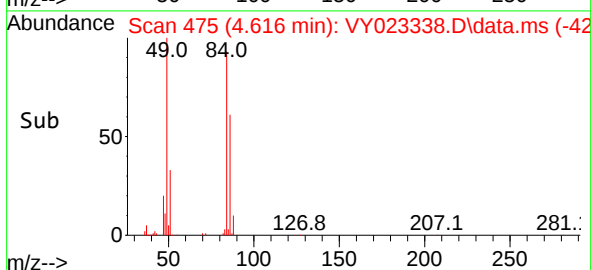
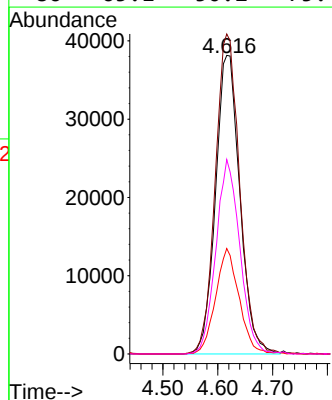
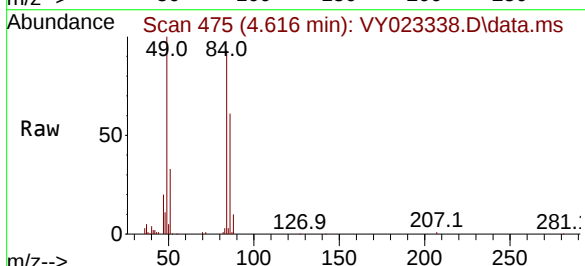
Ion Ratio Lower Upper

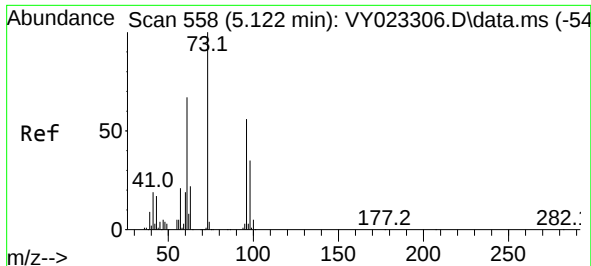
84 100

49 107.2 93.0 139.6

51 35.3 29.0 43.4

86 65.1 50.2 75.4

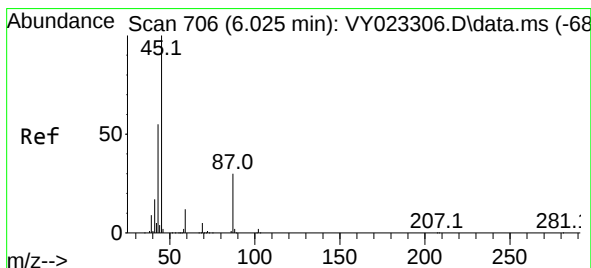
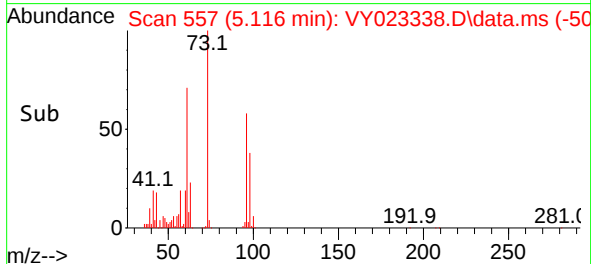
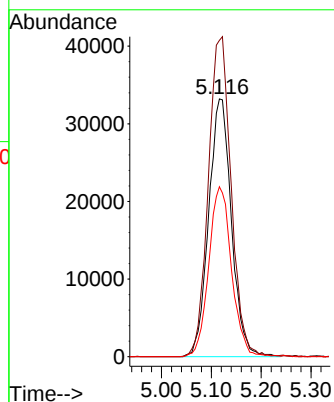
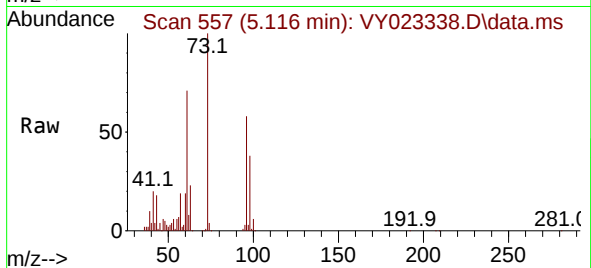




#21
trans-1,2-Dichloroethene
Concen: 19.855 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

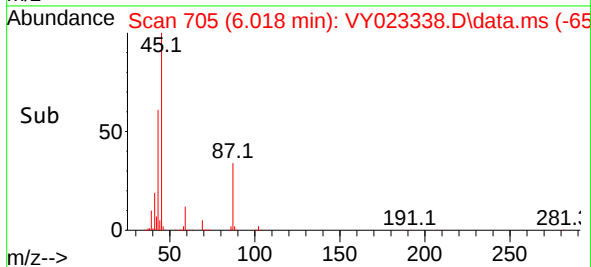
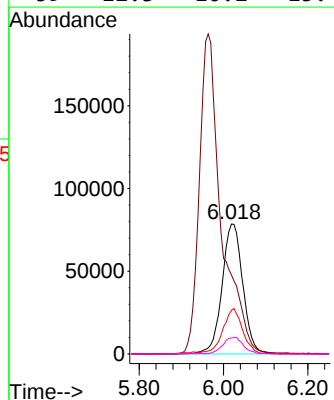
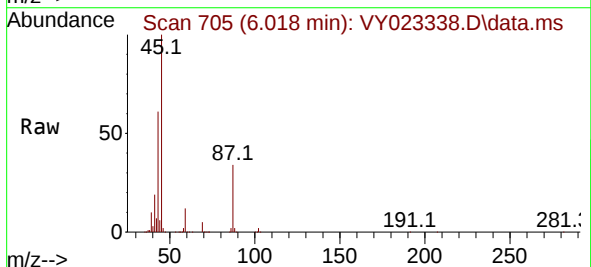
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

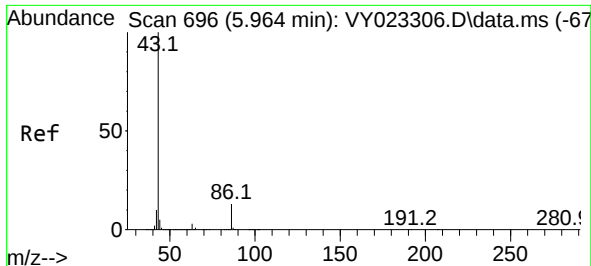
Tgt Ion: 96 Resp: 105321
Ion Ratio Lower Upper
96 100
61 122.7 104.8 157.2
98 65.9 50.1 75.1



#22
Diisopropyl ether
Concen: 20.049 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 45 Resp: 267785
Ion Ratio Lower Upper
45 100
43 60.3 43.4 65.0
87 33.5 24.4 36.6
59 12.3 10.2 15.4

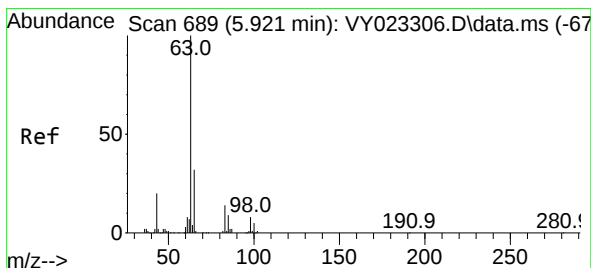
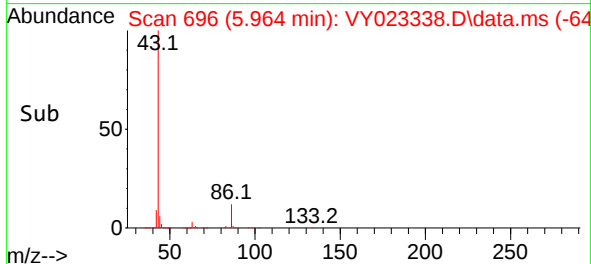
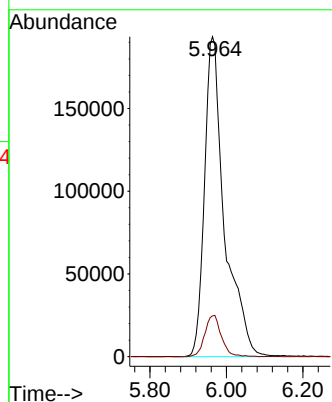
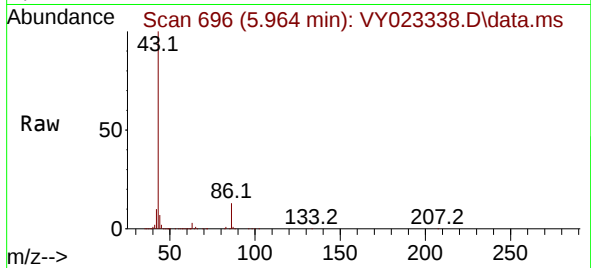




#23
 Vinyl Acetate
 Concen: 95.153 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023338.D
 Acq: 11 Sep 2025 10:18

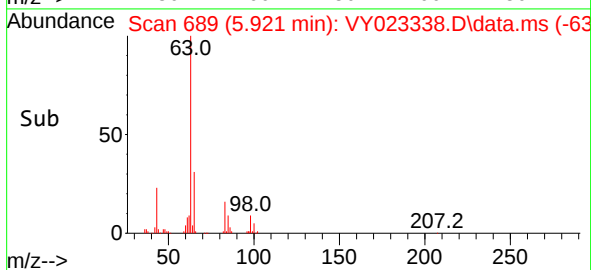
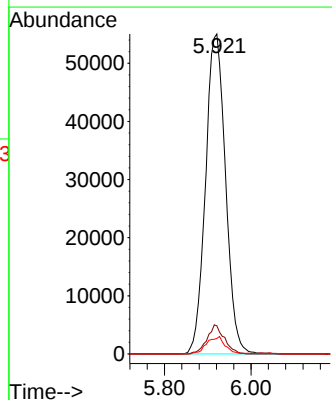
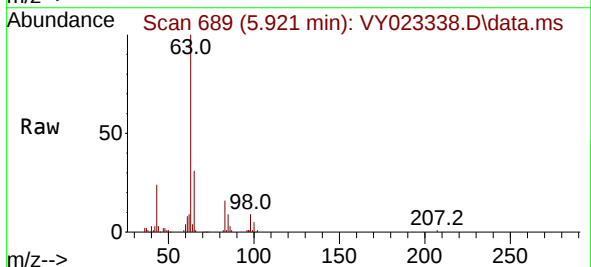
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

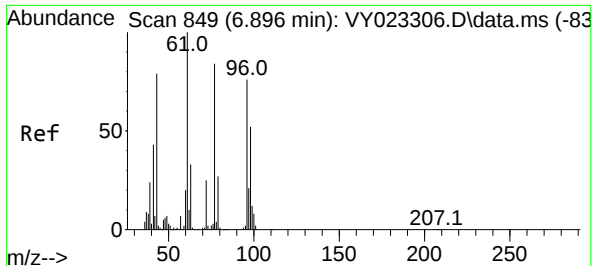
Tgt Ion: 43 Resp: 702594
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.208 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023338.D
 Acq: 11 Sep 2025 10:18

Tgt Ion: 63 Resp: 176535
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.5 10.6
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 97.031 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

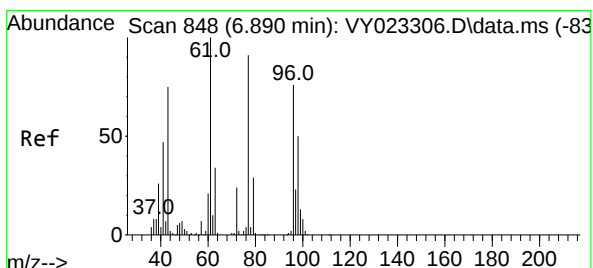
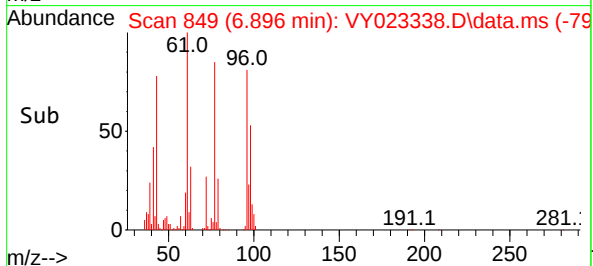
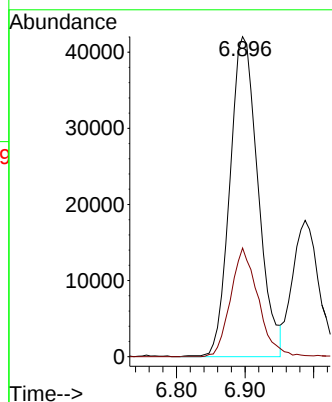
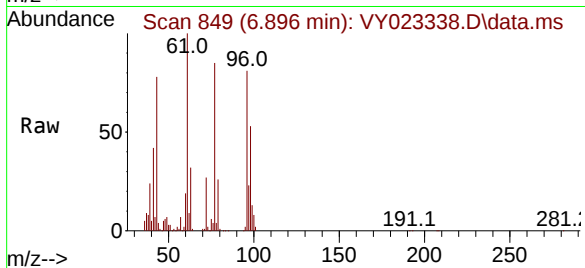
VY0911SBS01

Tgt Ion: 43 Resp: 120169

Ion Ratio Lower Upper

43 100

72 34.0 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.308 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023338.D

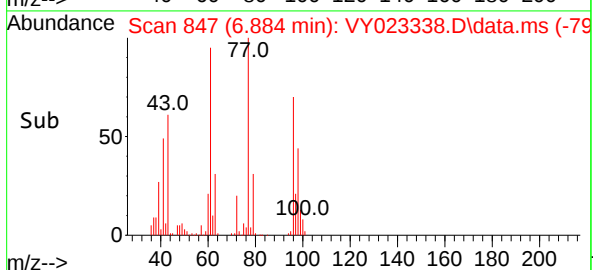
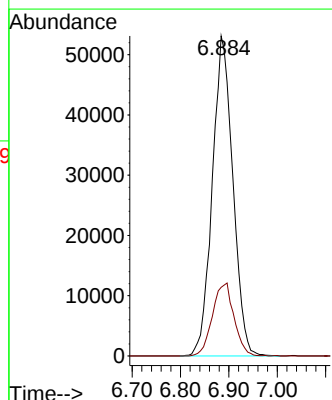
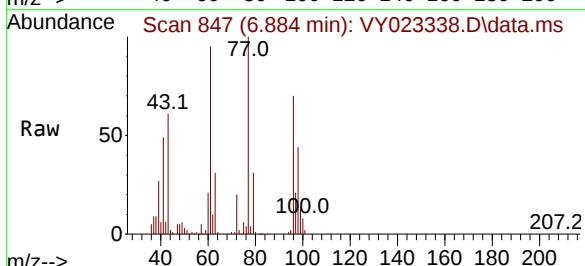
Acq: 11 Sep 2025 10:18

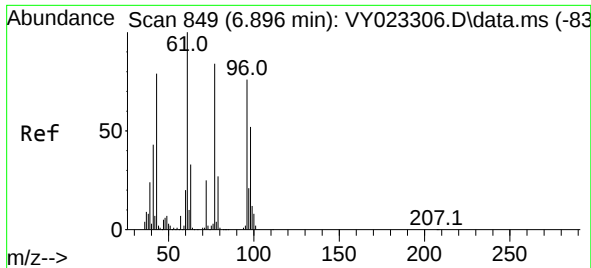
Tgt Ion: 77 Resp: 156648

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.973 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

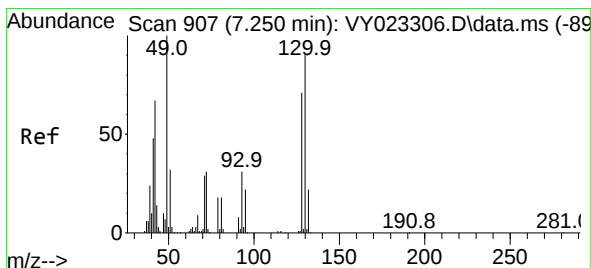
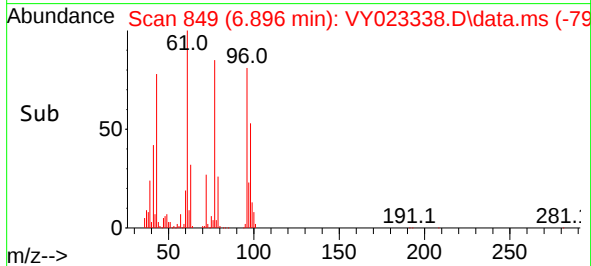
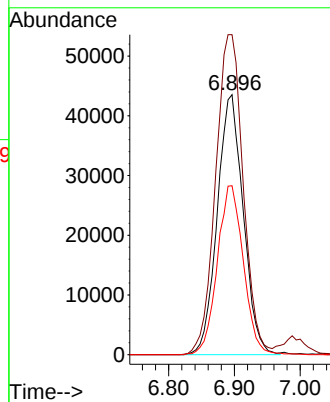
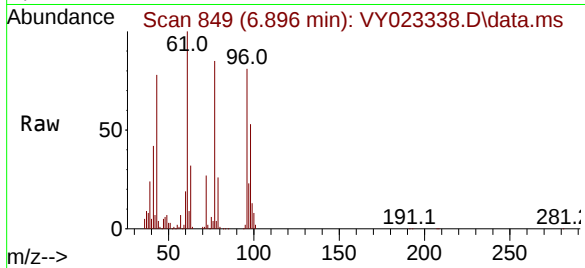
Tgt Ion: 96 Resp: 119978

Ion Ratio Lower Upper

96 100

61 130.2 0.0 278.6

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 19.431 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

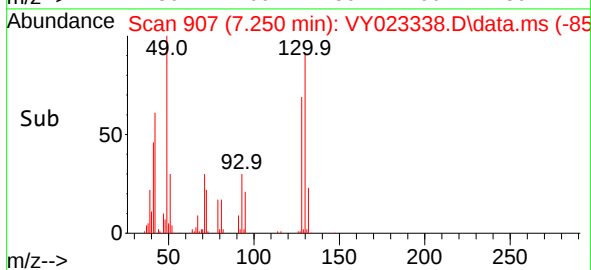
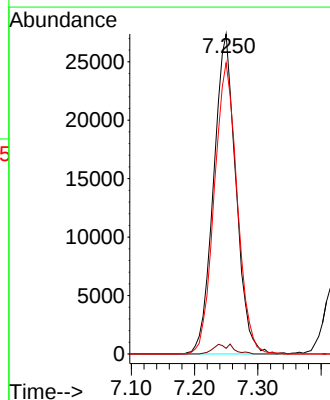
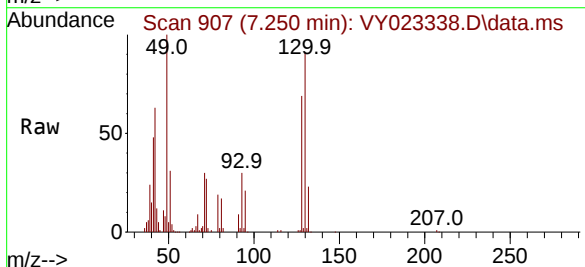
Tgt Ion: 49 Resp: 66792

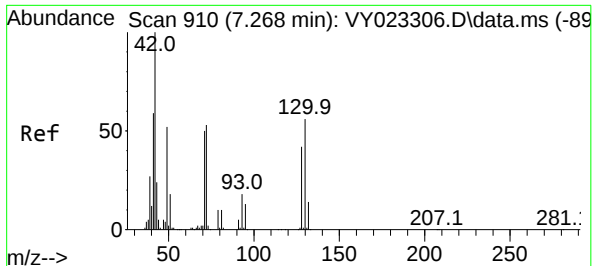
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 93.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 91.257 ug/l

RT: 7.262 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

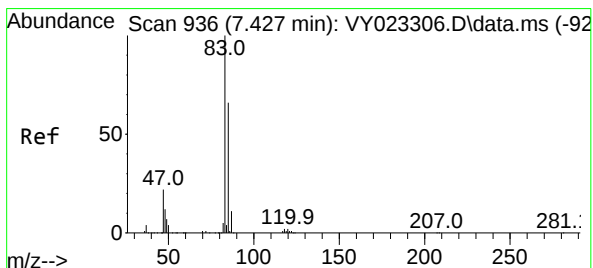
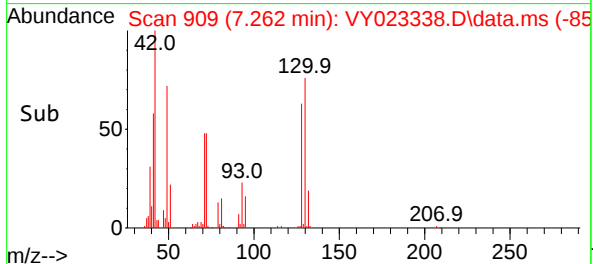
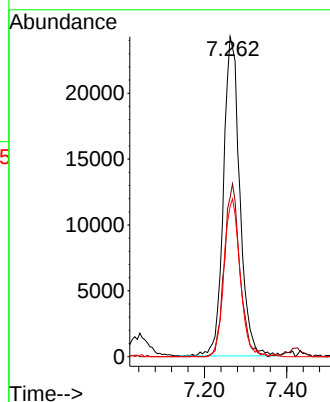
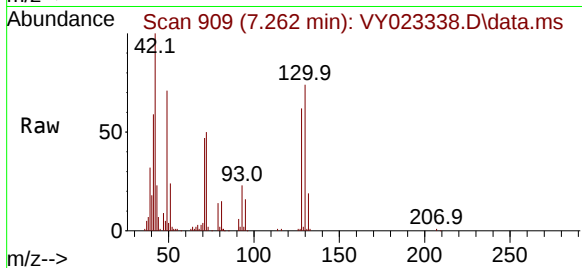
Tgt Ion: 42 Resp: 67036

Ion Ratio Lower Upper

42 100

72 51.8 39.4 59.2

71 48.7 36.5 54.7



#30

Chloroform

Concen: 20.227 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023338.D

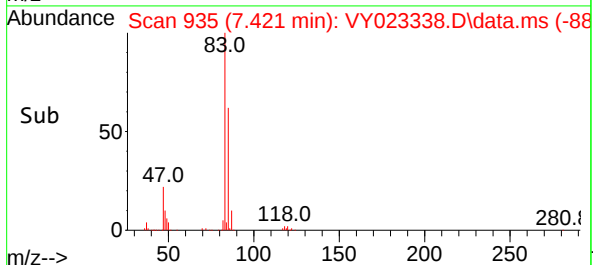
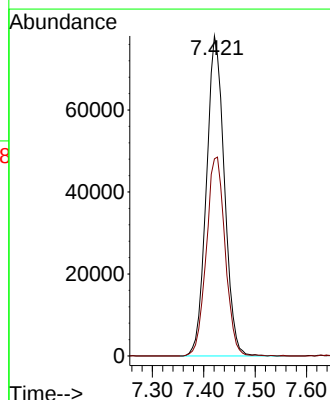
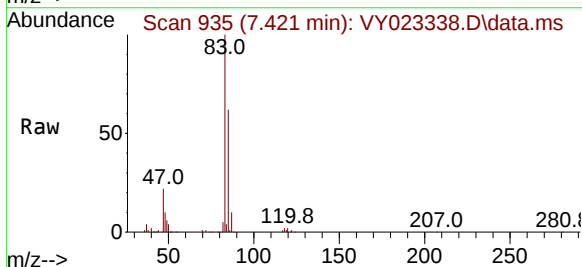
Acq: 11 Sep 2025 10:18

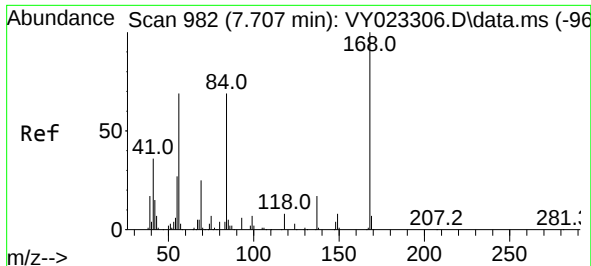
Tgt Ion: 83 Resp: 189857

Ion Ratio Lower Upper

83 100

85 61.6 53.8 80.8

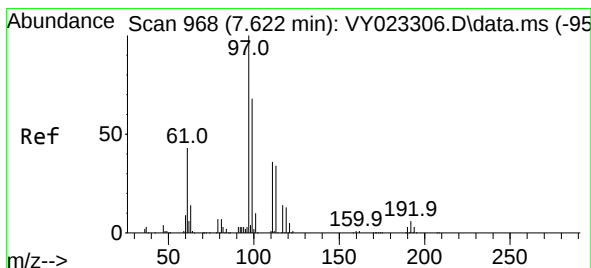
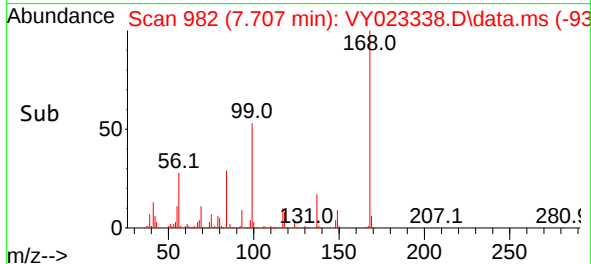
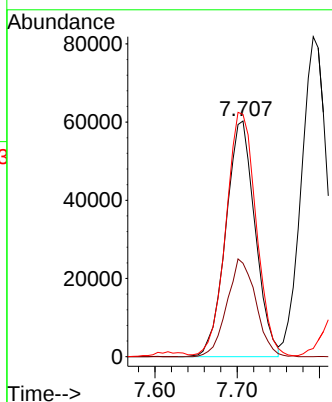
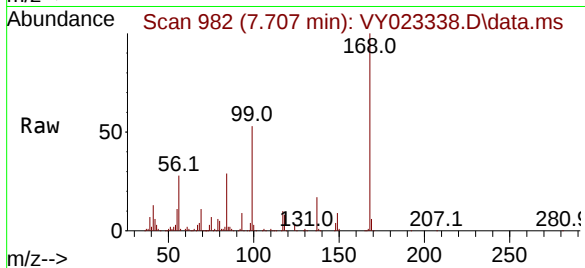




#31
Cyclohexane
Concen: 19.353 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

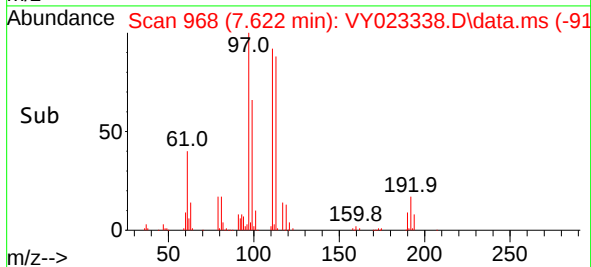
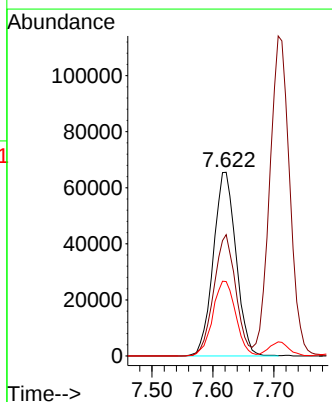
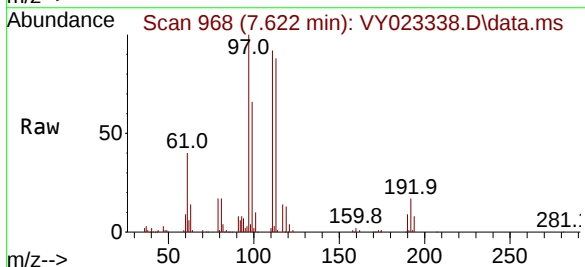
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

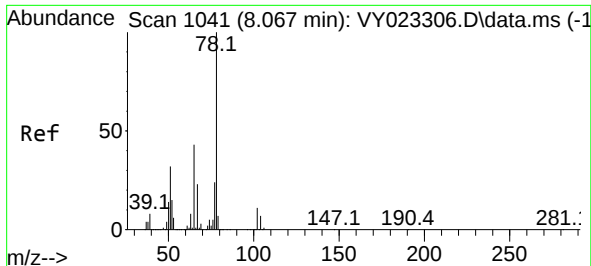
Tgt Ion: 56 Resp: 149608
Ion Ratio Lower Upper
56 100
69 39.7 28.2 42.2
84 101.0 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.229 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 97 Resp: 169643
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 41.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.697 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

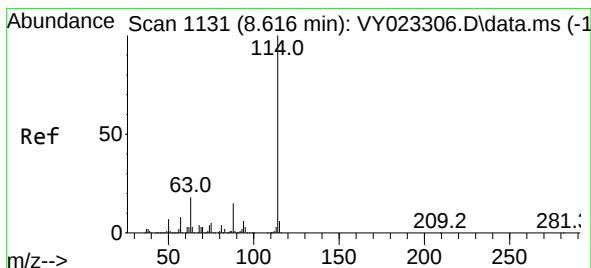
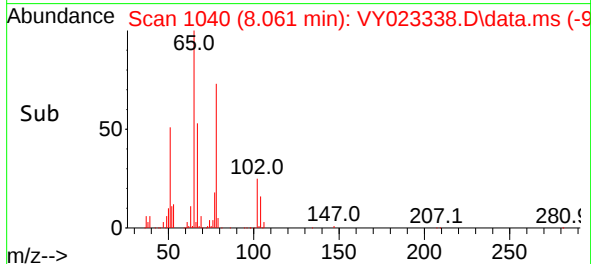
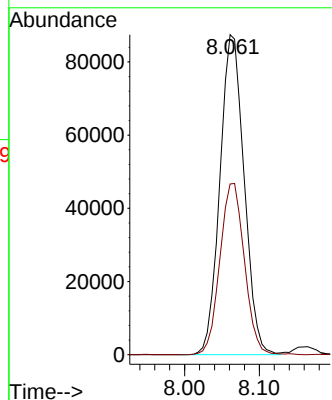
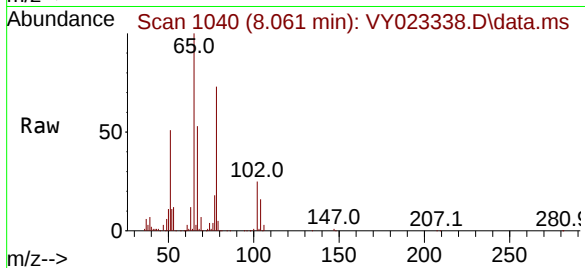
VY0911SBS01

Tgt Ion: 65 Resp: 197454

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

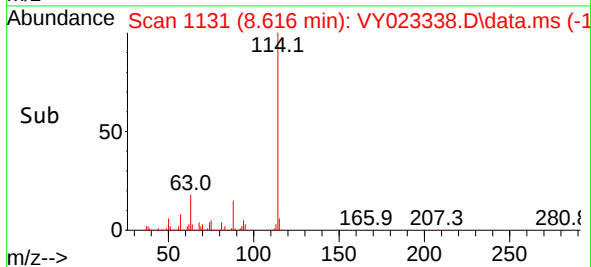
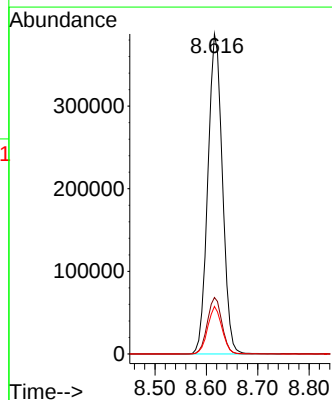
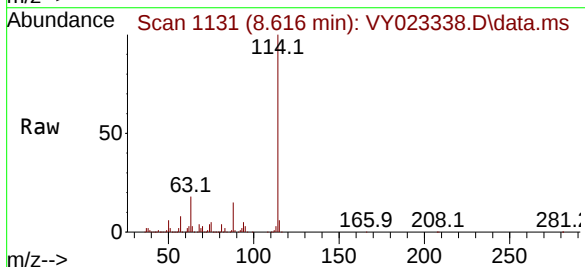
Tgt Ion: 114 Resp: 761637

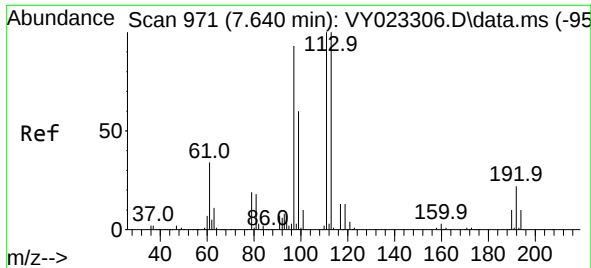
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 14.9 0.0 30.0

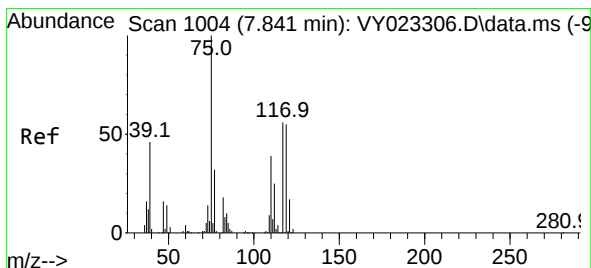
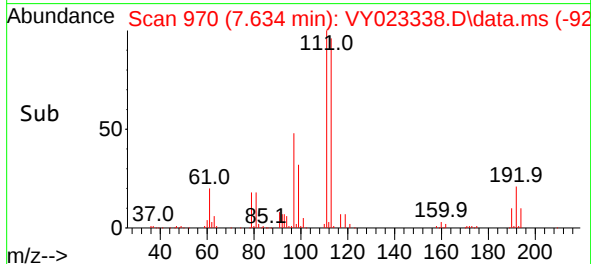
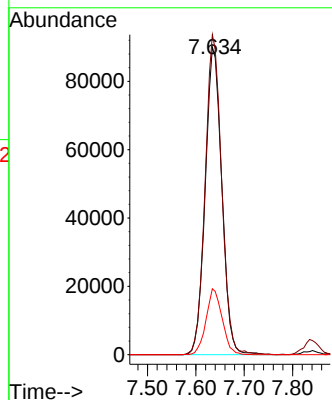
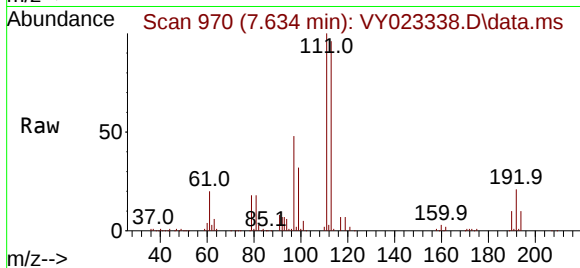




#35
Dibromofluoromethane
Concen: 46.091 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

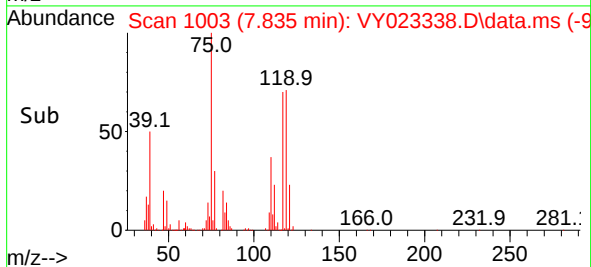
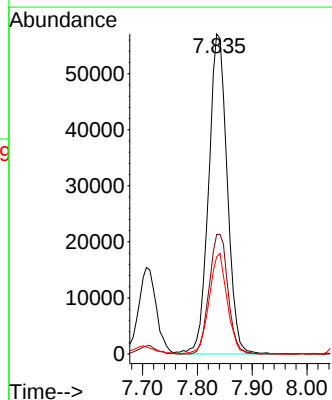
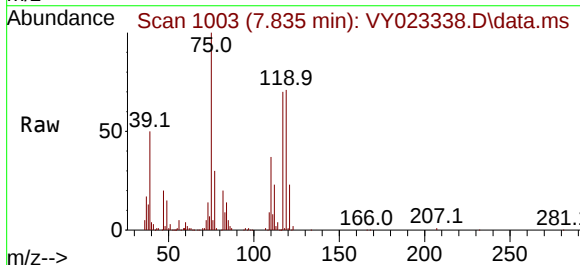
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

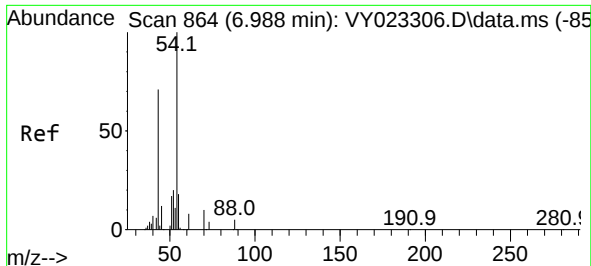
Tgt Ion:113 Resp: 214582
Ion Ratio Lower Upper
113 100
111 103.5 81.1 121.7
192 20.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.184 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 75 Resp: 133839
Ion Ratio Lower Upper
75 100
110 37.9 18.1 54.4
77 30.7 24.6 37.0

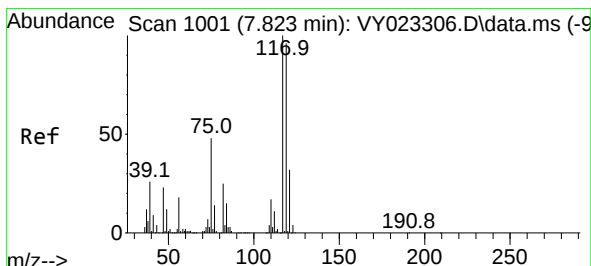
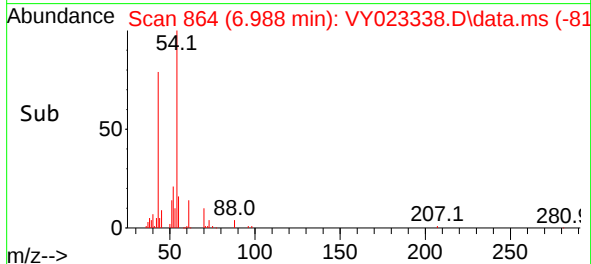
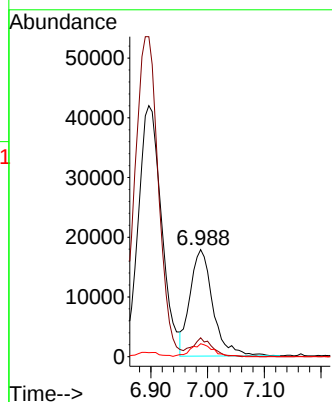
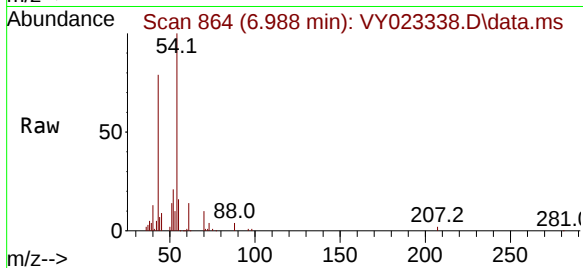




#37
Ethyl Acetate
Concen: 18.909 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

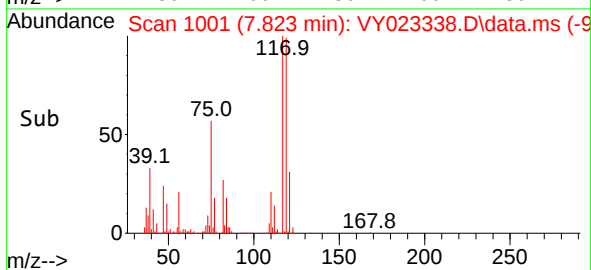
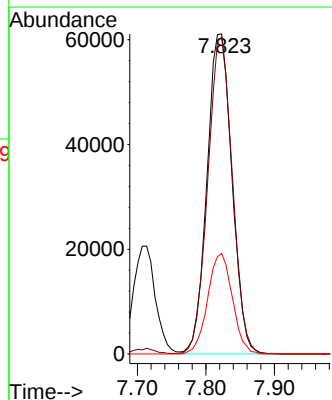
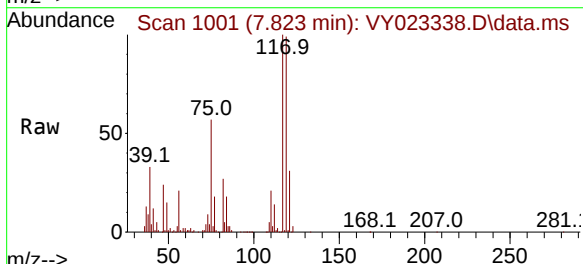
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

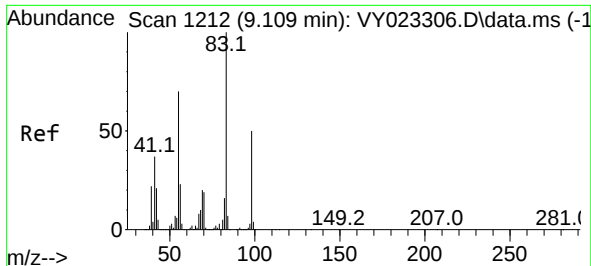
Tgt Ion: 43 Resp: 49877
Ion Ratio Lower Upper
43 100
61 15.4 11.9 17.9
70 12.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.275 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 117 Resp: 154693
Ion Ratio Lower Upper
117 100
119 99.0 75.6 113.4
121 31.4 25.8 38.8





#39

Methylcyclohexane

Concen: 19.710 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

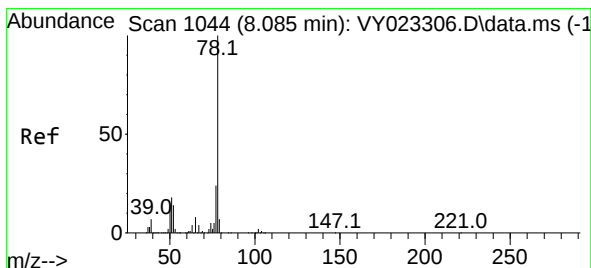
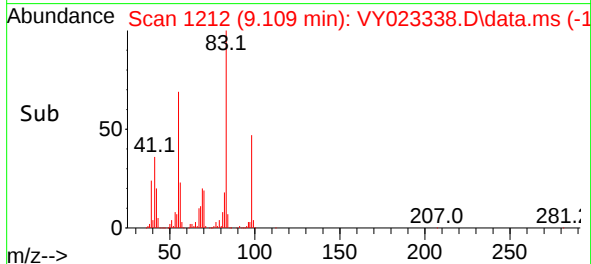
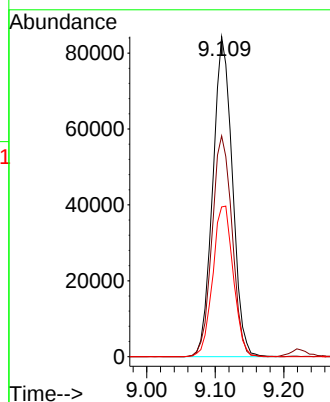
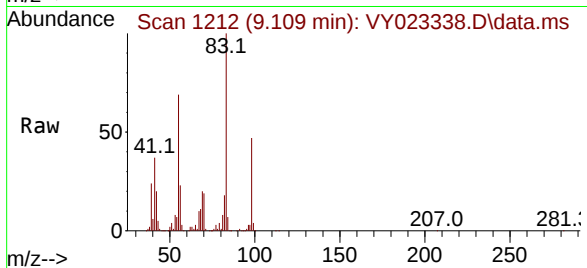
Tgt Ion: 83 Resp: 167200

Ion Ratio Lower Upper

83 100

55 69.0 57.6 86.4

98 46.8 39.2 58.8



#40

Benzene

Concen: 20.514 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023338.D

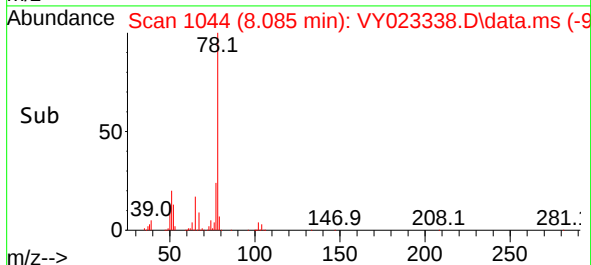
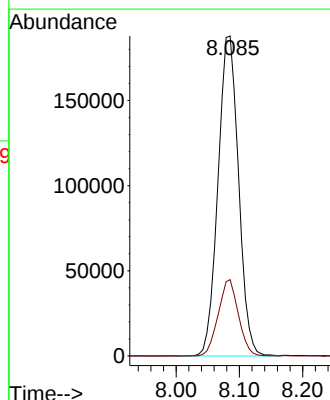
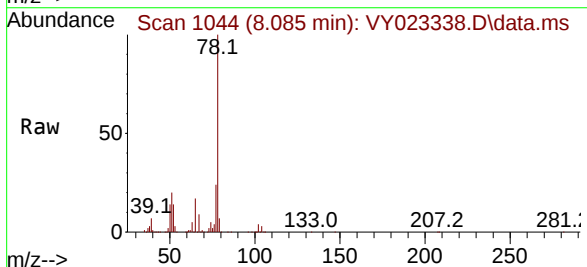
Acq: 11 Sep 2025 10:18

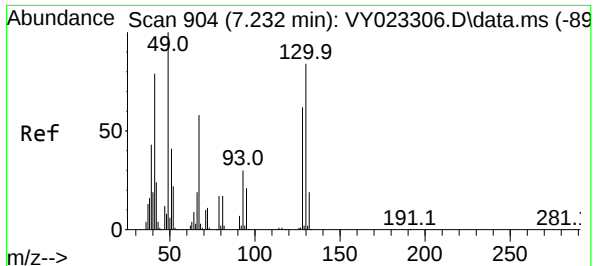
Tgt Ion: 78 Resp: 422815

Ion Ratio Lower Upper

78 100

77 23.8 18.6 28.0

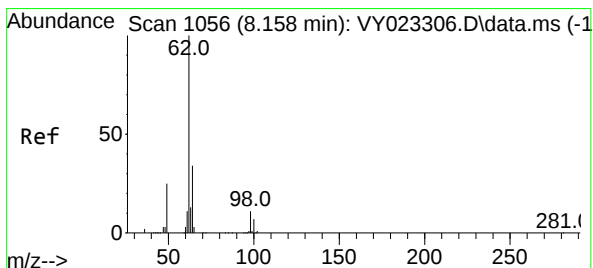
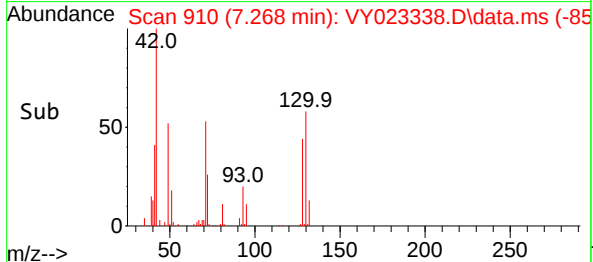
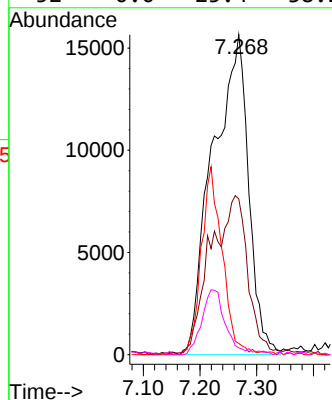
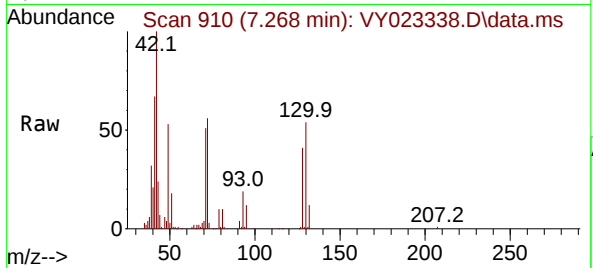




#41
Methacrylonitrile
Concen: 50.101 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.049 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

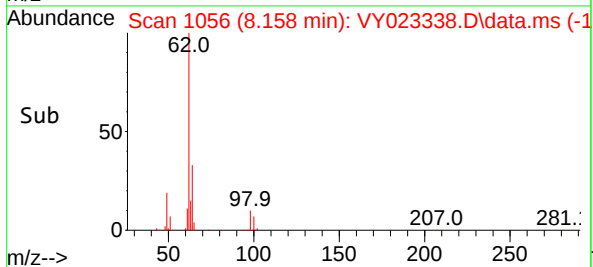
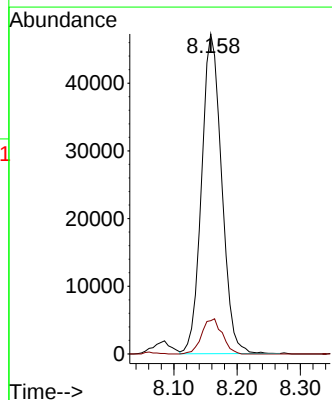
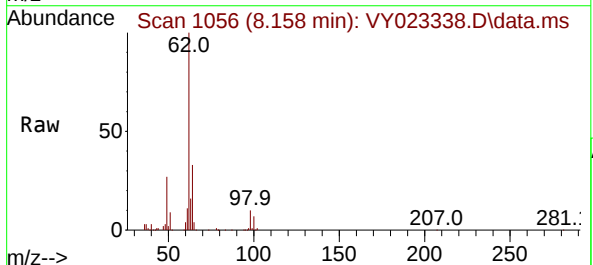
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

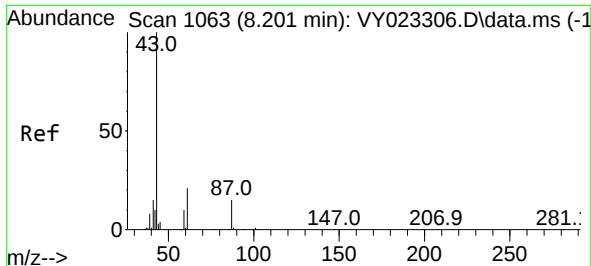
Tgt Ion: 41 Resp: 68436
Ion Ratio Lower Upper
41 100
39 29.8 43.4 65.2#
67 0.0 63.6 95.4#
52 0.0 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 19.923 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 62 Resp: 104545
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.6

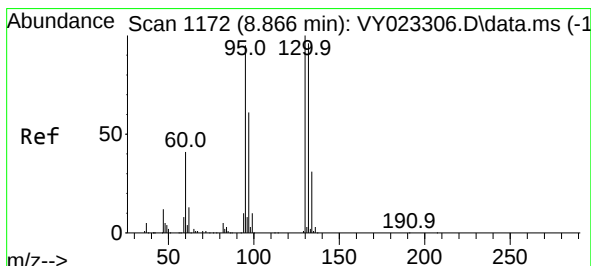
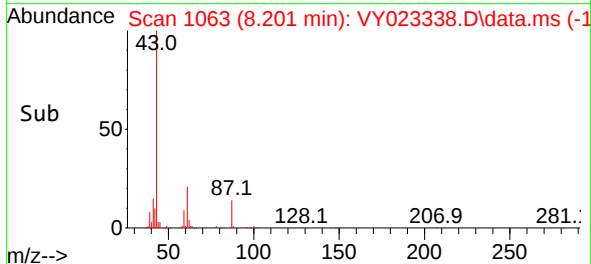
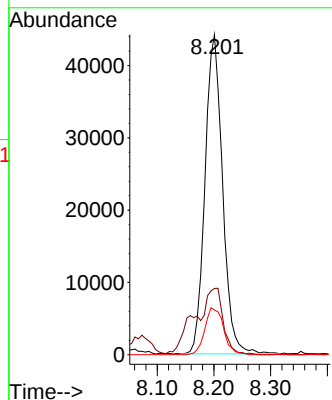
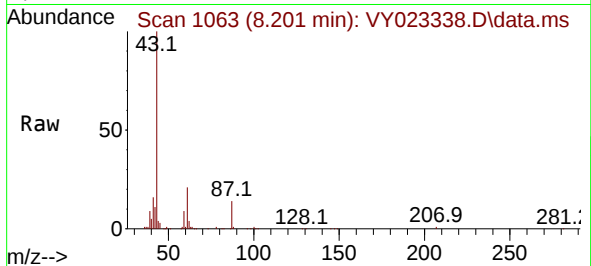




#43
Isopropyl Acetate
Concen: 18.532 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

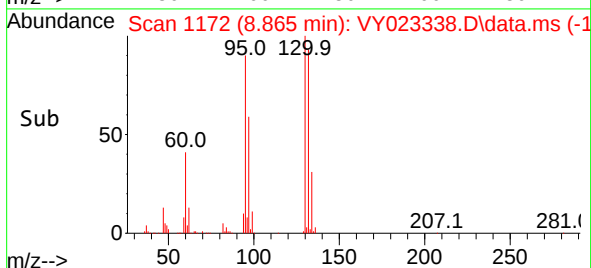
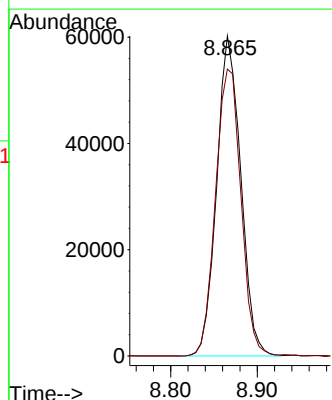
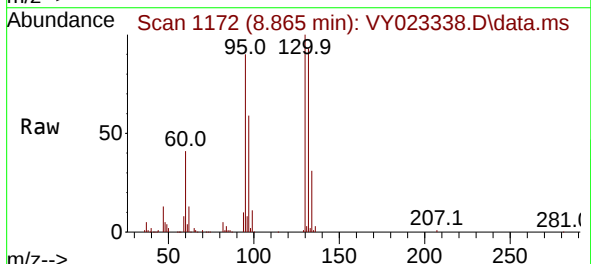
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

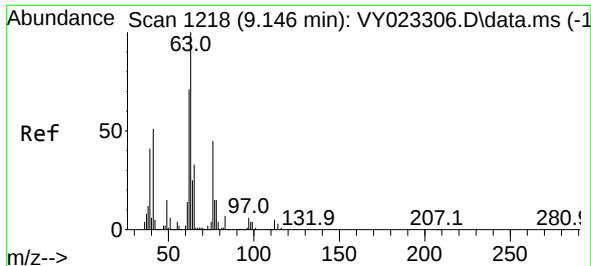
Tgt Ion: 43 Resp: 95075
Ion Ratio Lower Upper
43 100
61 21.1 16.4 24.6
87 15.7 11.8 17.6



#44
Trichloroethene
Concen: 20.265 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion:130 Resp: 116340
Ion Ratio Lower Upper
130 100
95 89.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.151 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

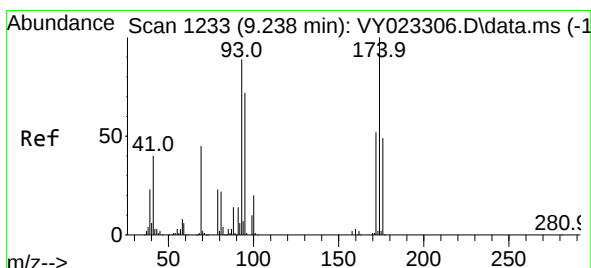
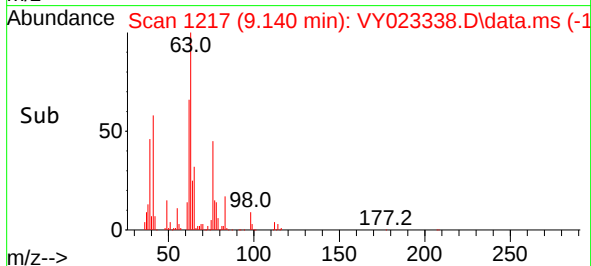
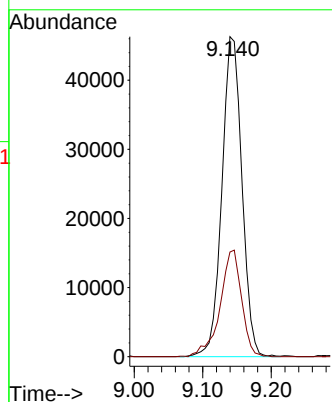
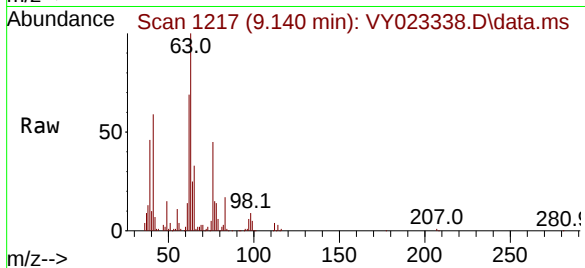
VY0911SBS01

Tgt Ion: 63 Resp: 93799

Ion Ratio Lower Upper

63 100

65 32.7 25.3 37.9



#46

Dibromomethane

Concen: 19.760 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

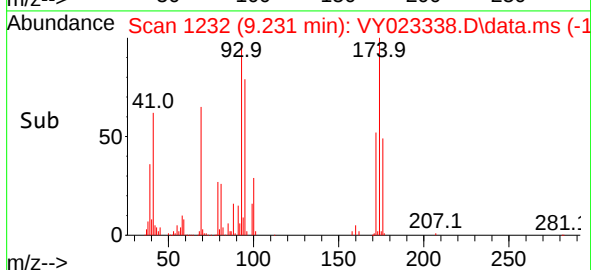
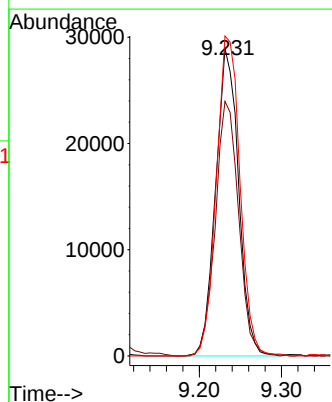
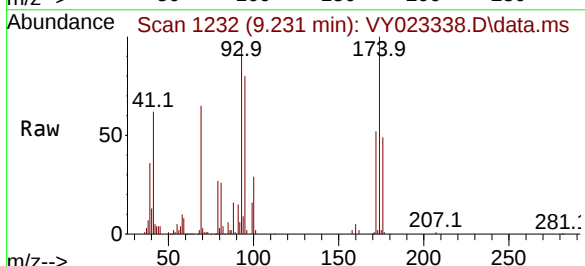
Tgt Ion: 93 Resp: 56015

Ion Ratio Lower Upper

93 100

95 84.4 66.5 99.7

174 107.4 81.8 122.8

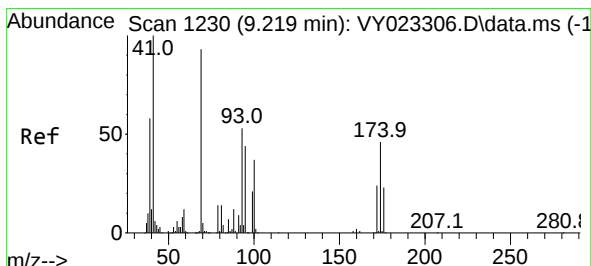
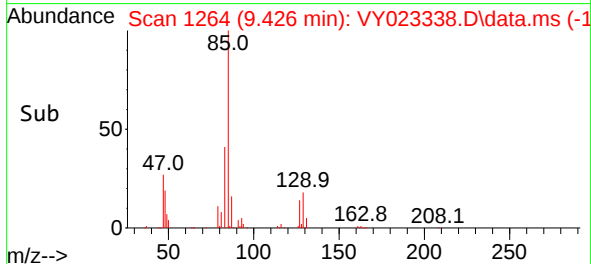
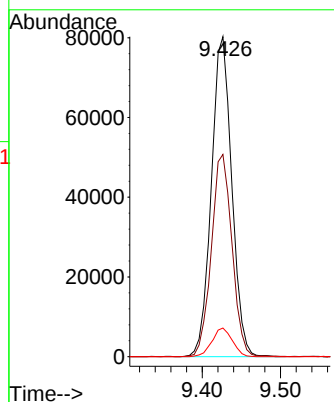
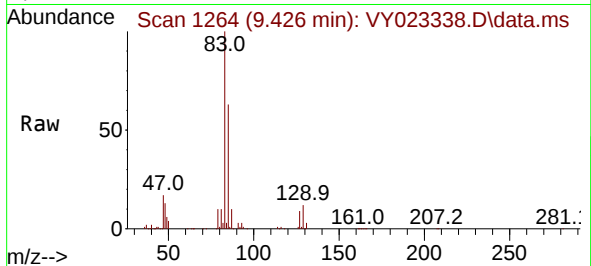




#47
Bromodichloromethane
Concen: 20.351 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

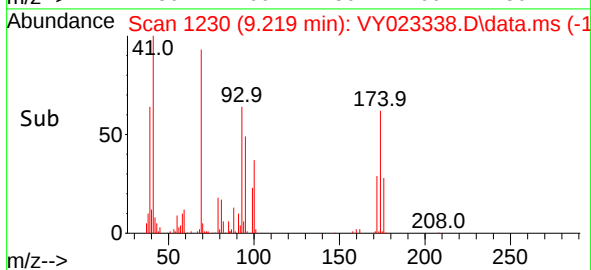
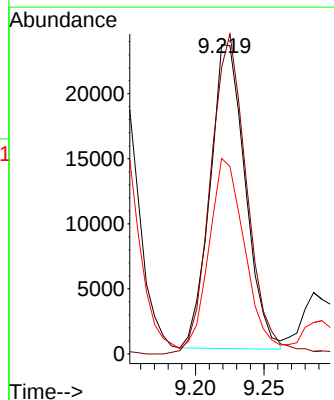
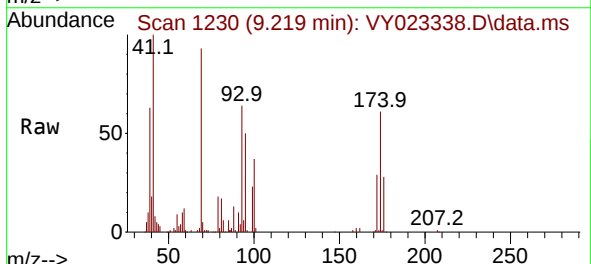
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

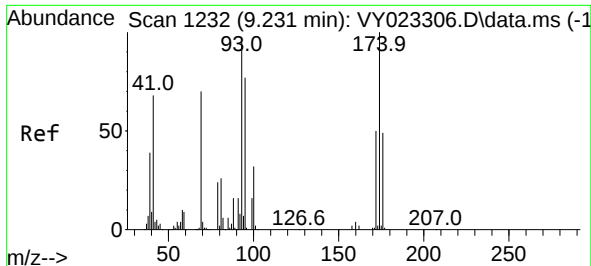
Tgt Ion: 83 Resp: 145136
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 17.467 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 41 Resp: 41768
Ion Ratio Lower Upper
41 100
69 108.7 73.2 109.8
39 62.1 47.0 70.4





#49

1,4-Dioxane

Concen: 375.667 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

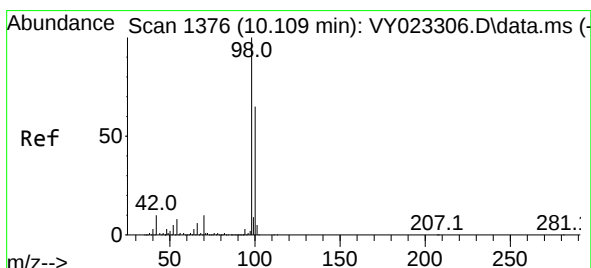
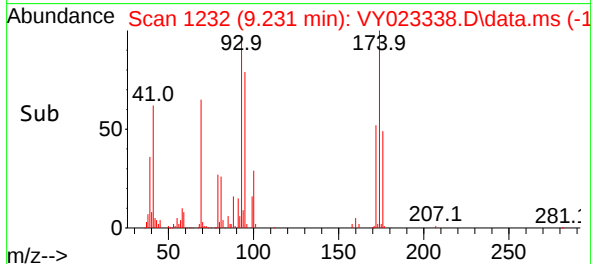
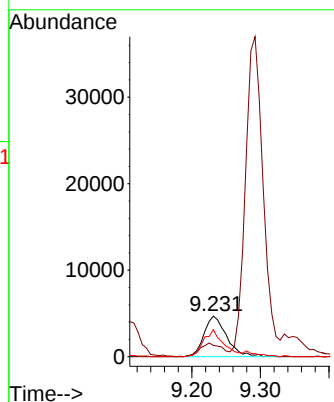
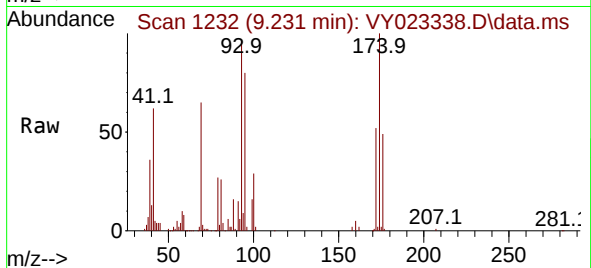
Tgt Ion: 88 Resp: 10810

Ion Ratio Lower Upper

88 100

43 32.4 24.3 36.5

58 59.3 55.4 83.0



#50

Toluene-d8

Concen: 47.550 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023338.D

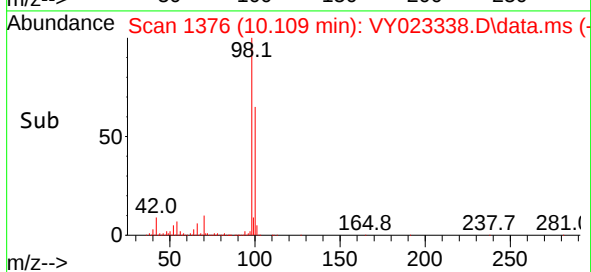
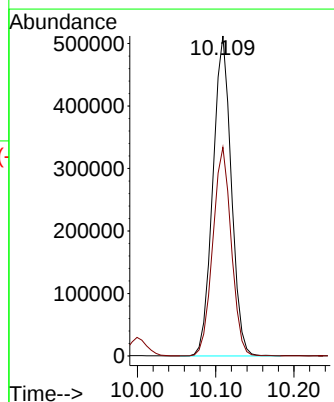
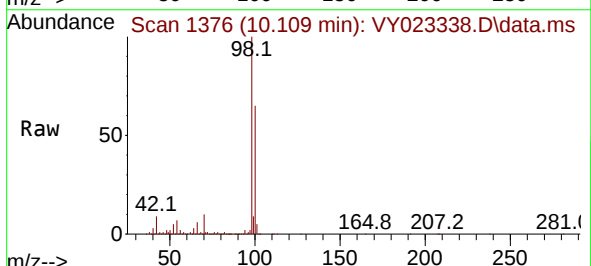
Acq: 11 Sep 2025 10:18

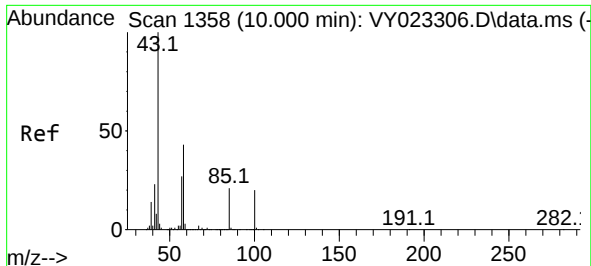
Tgt Ion: 98 Resp: 835931

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5

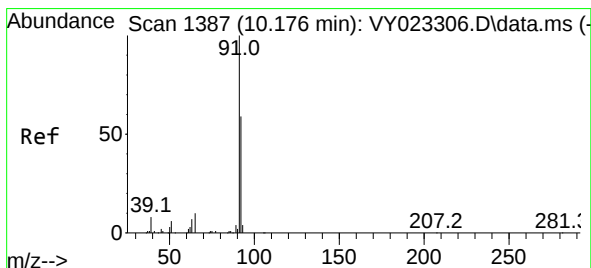
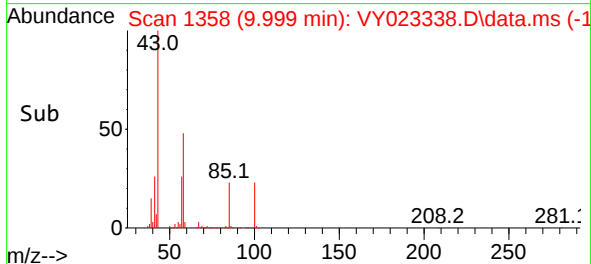
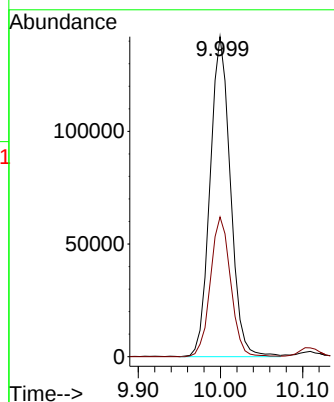
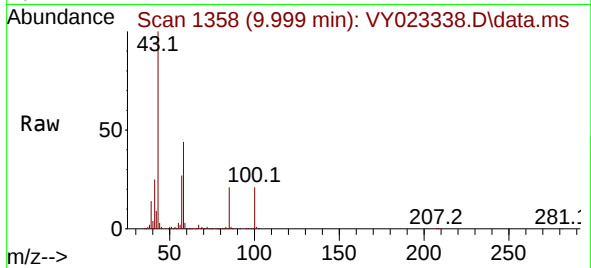




#51
4-Methyl-2-Pentanone
Concen: 93.238 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

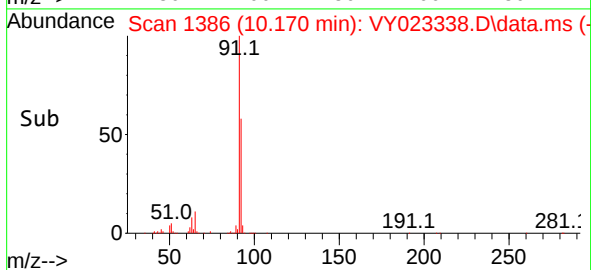
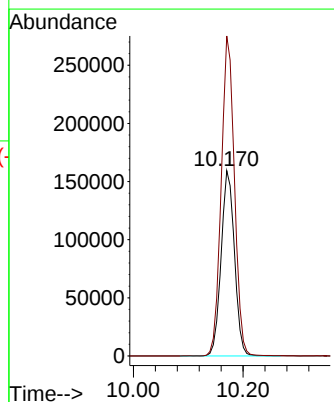
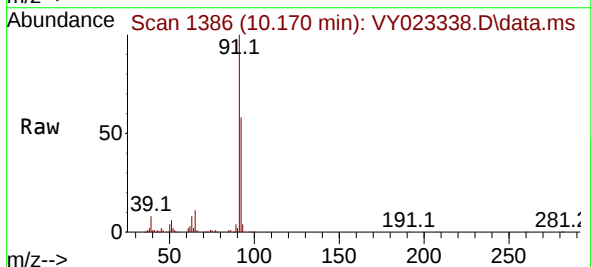
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

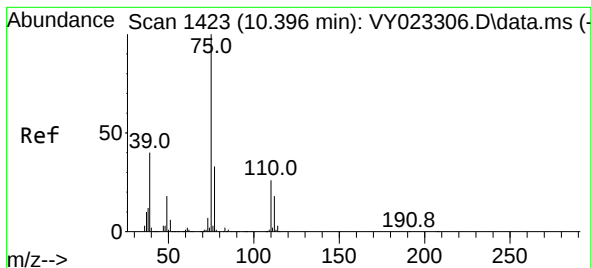
Tgt Ion: 43 Resp: 244722
Ion Ratio Lower Upper
43 100
58 43.3 33.5 50.3



#52
Toluene
Concen: 20.651 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 92 Resp: 270108
Ion Ratio Lower Upper
92 100
91 171.3 136.4 204.6

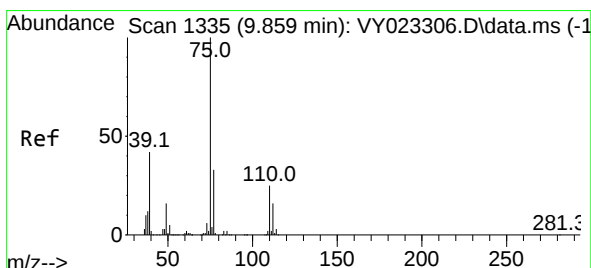
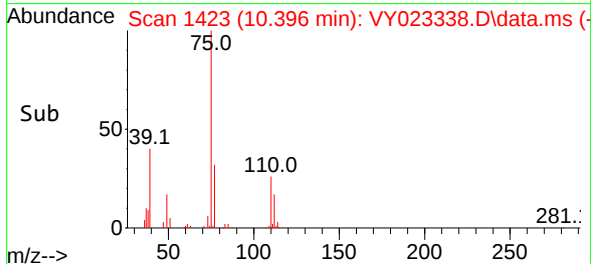
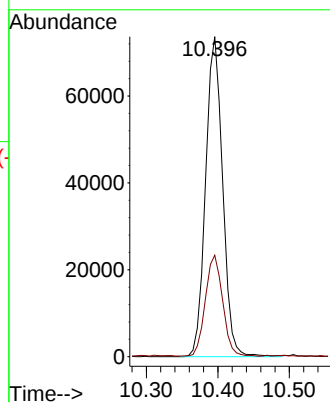
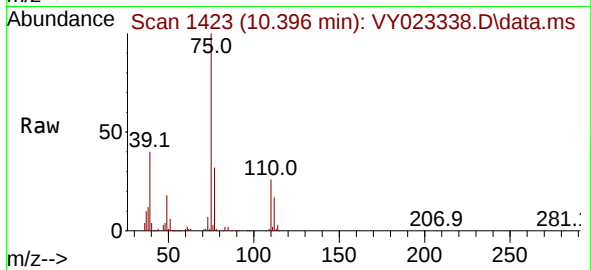




#53
 t-1,3-Dichloropropene
 Concen: 19.851 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023338.D
 Acq: 11 Sep 2025 10:18

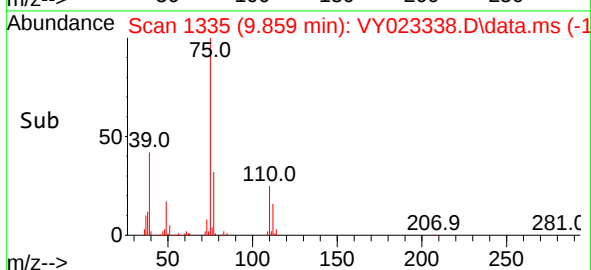
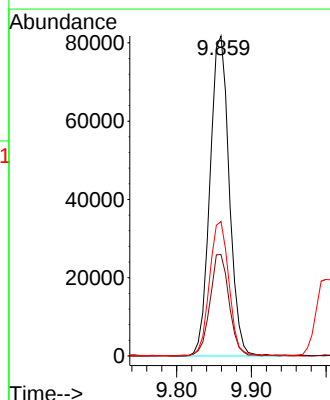
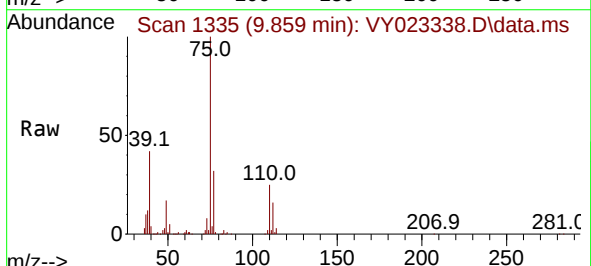
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

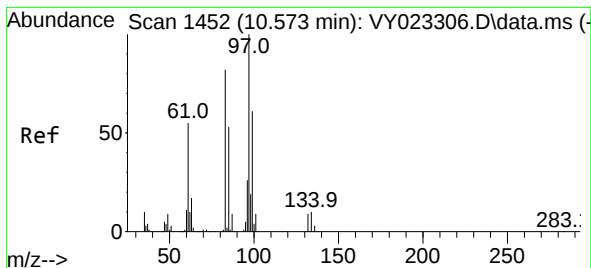
Tgt Ion: 75 Resp: 121881
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.912 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023338.D
 Acq: 11 Sep 2025 10:18

Tgt Ion: 75 Resp: 146088
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 41.8 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 19.732 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

Tgt Ion: 97 Resp: 74404

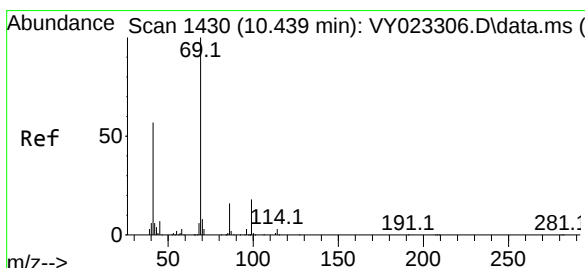
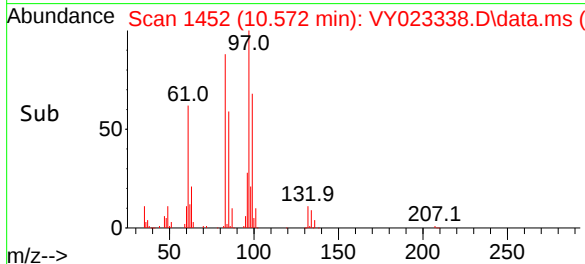
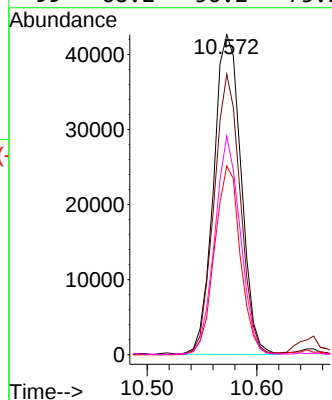
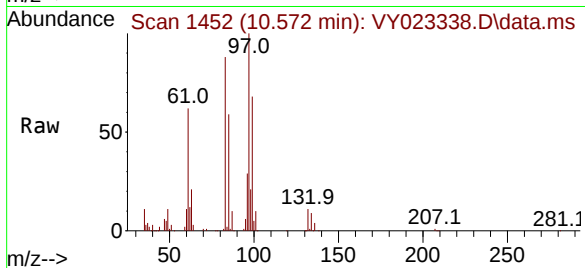
Ion Ratio Lower Upper

97 100

83 87.4 67.7 101.5

85 59.0 44.5 66.7

99 68.2 50.2 75.2



#56

Ethyl methacrylate

Concen: 18.604 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

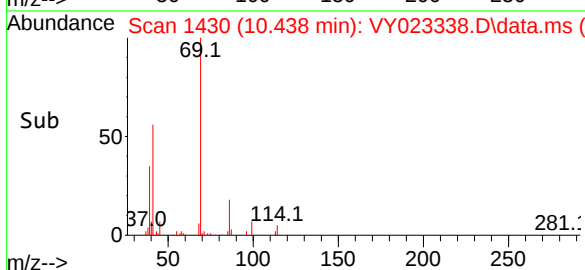
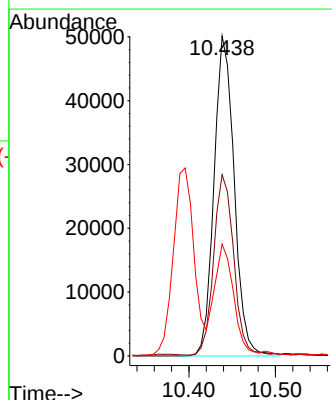
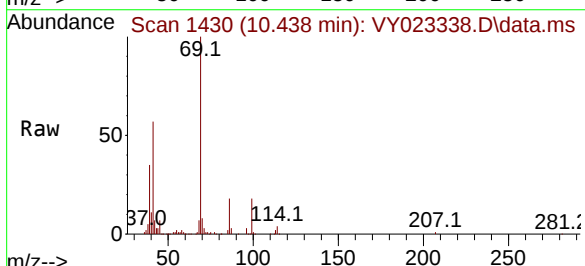
Tgt Ion: 69 Resp: 81277

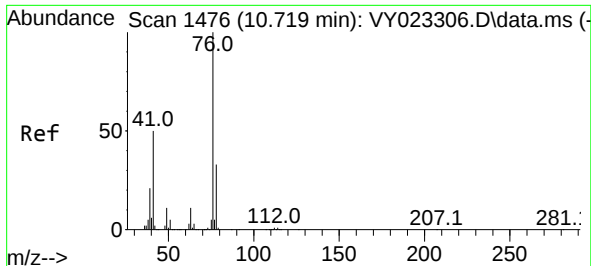
Ion Ratio Lower Upper

69 100

41 55.8 48.6 72.8

39 31.7 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.841 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

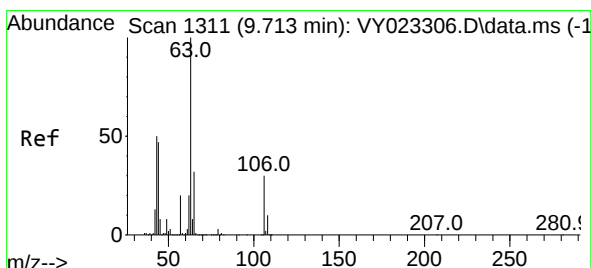
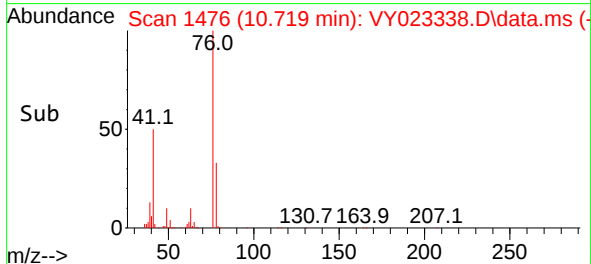
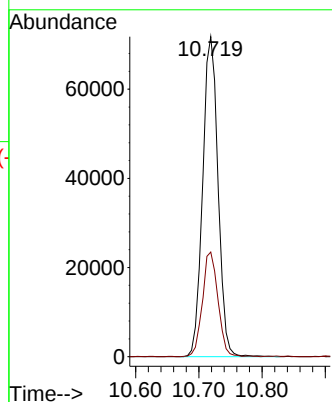
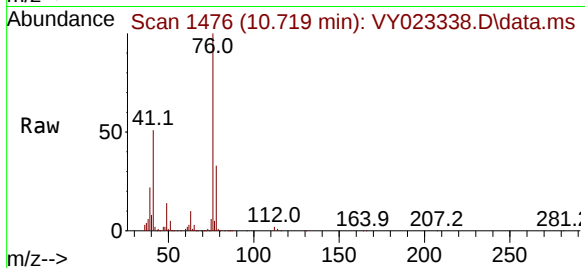
VY0911SBS01

Tgt Ion: 76 Resp: 121457

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 87.601 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023338.D

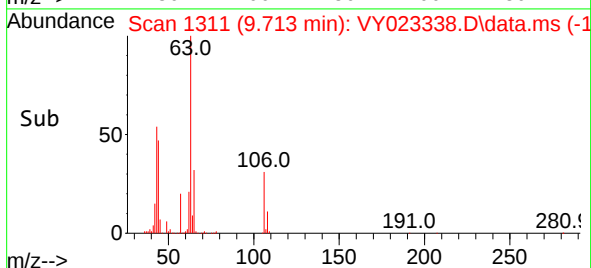
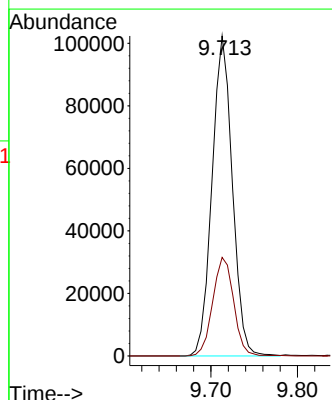
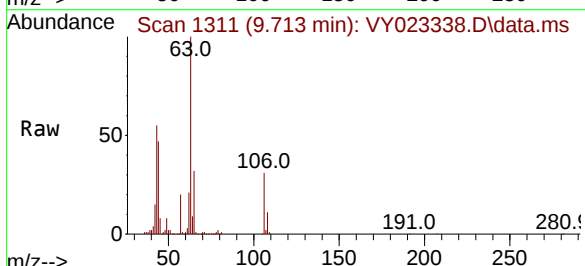
Acq: 11 Sep 2025 10:18

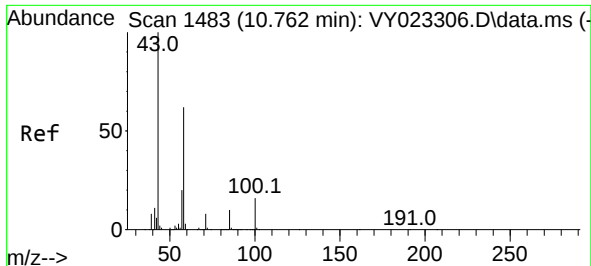
Tgt Ion: 63 Resp: 166798

Ion Ratio Lower Upper

63 100

106 31.7 23.2 34.8

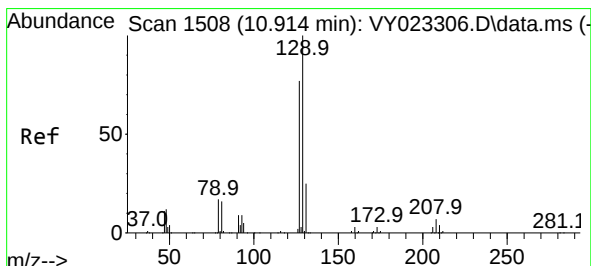
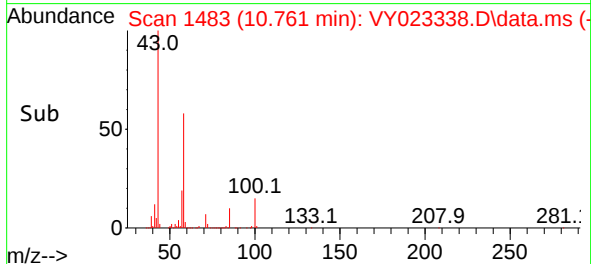
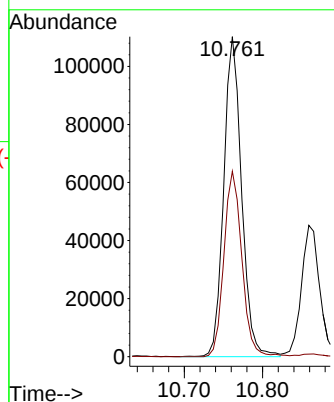
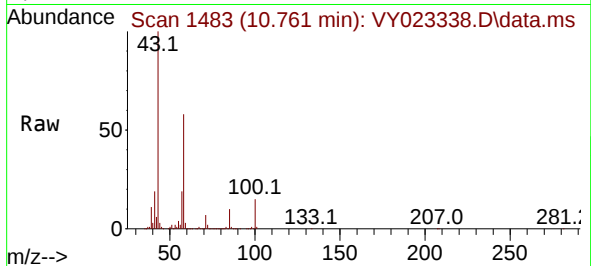




#59
2-Hexanone
Concen: 96.389 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

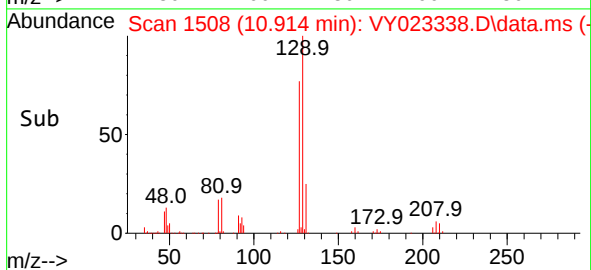
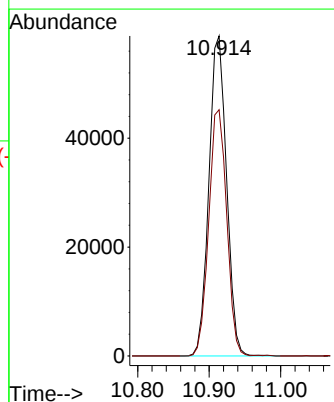
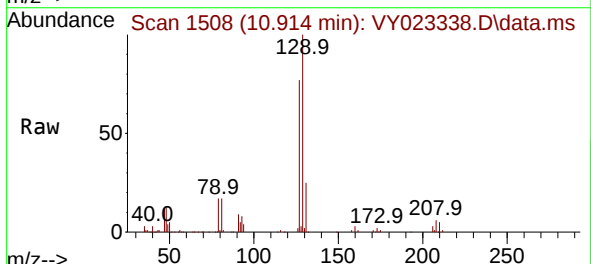
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

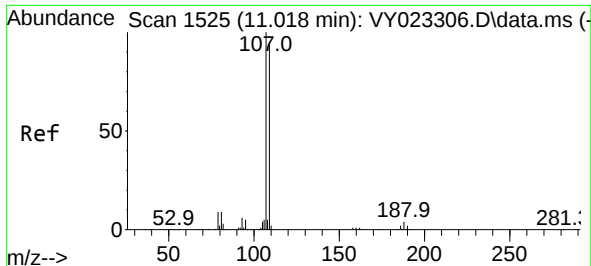
Tgt Ion: 43 Resp: 174894
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.5



#60
Dibromochloromethane
Concen: 19.672 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 129 Resp: 100650
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5

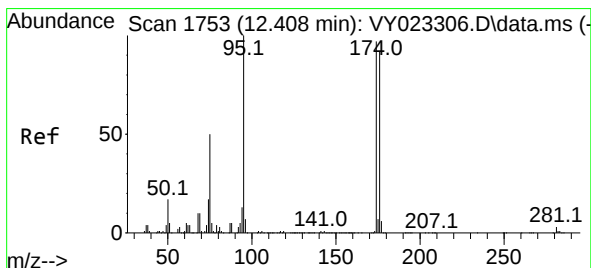
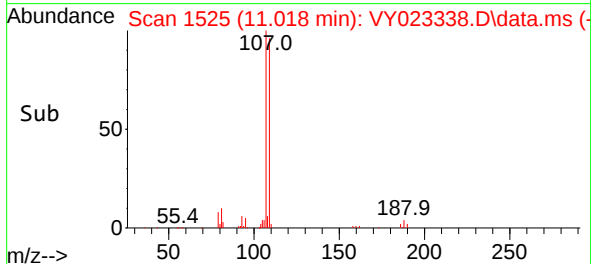
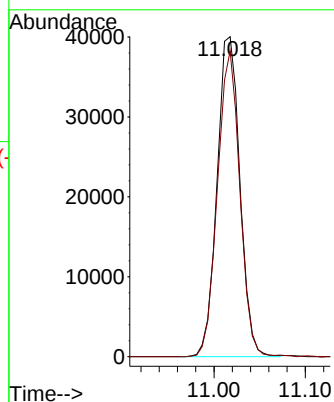
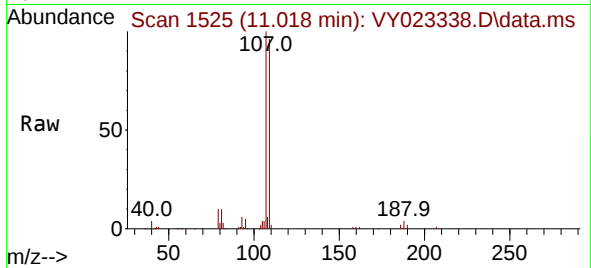




#61
1,2-Dibromoethane
Concen: 19.727 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

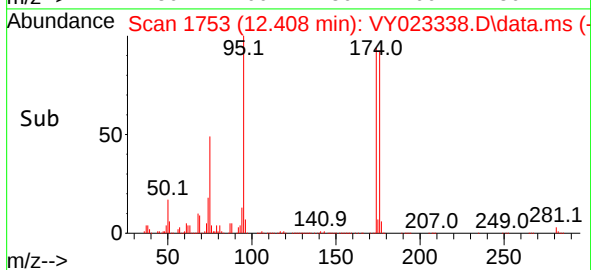
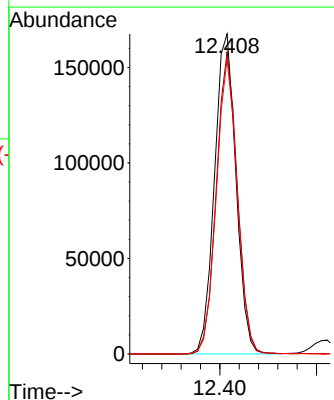
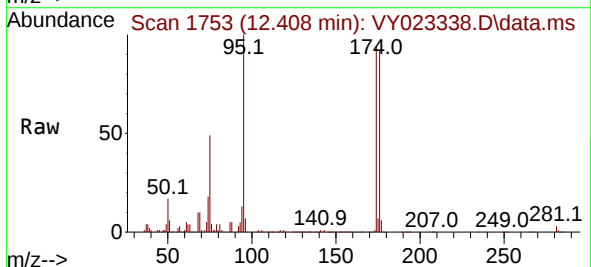
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

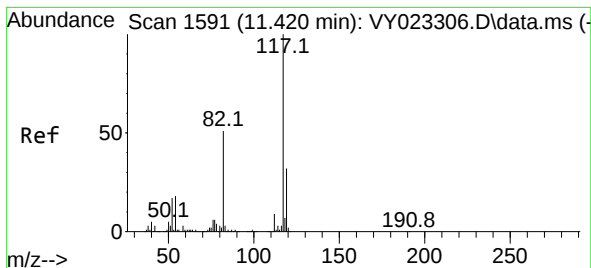
Tgt Ion:107 Resp: 69704
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.745 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 95 Resp: 258607
Ion Ratio Lower Upper
95 100
174 92.1 0.0 171.6
176 89.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

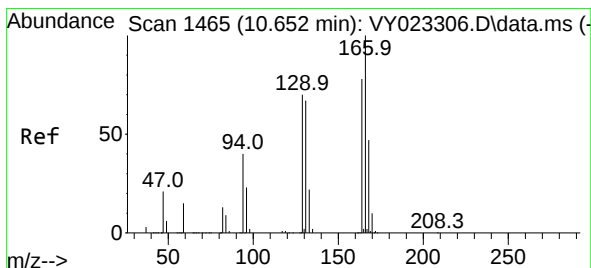
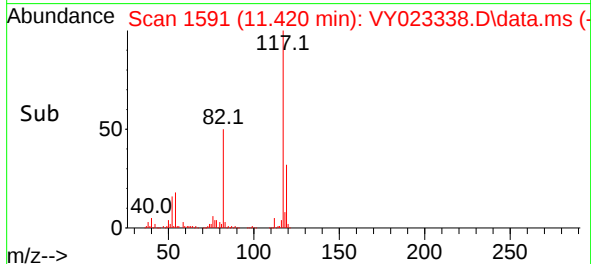
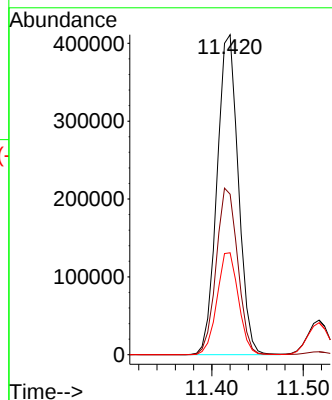
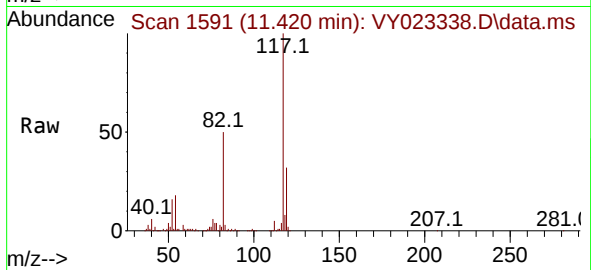
Tgt Ion:117 Resp: 666312

Ion Ratio Lower Upper

117 100

82 50.2 43.4 65.0

119 31.8 25.6 38.4



#64

Tetrachloroethene

Concen: 21.506 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Tgt Ion:164 Resp: 142817

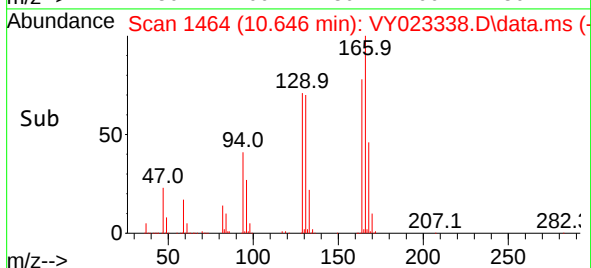
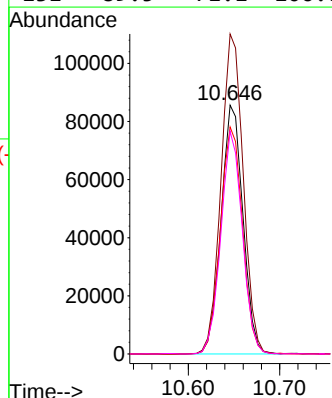
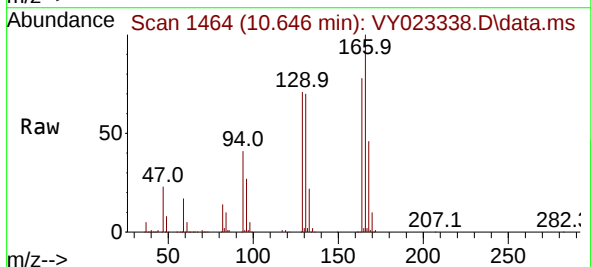
Ion Ratio Lower Upper

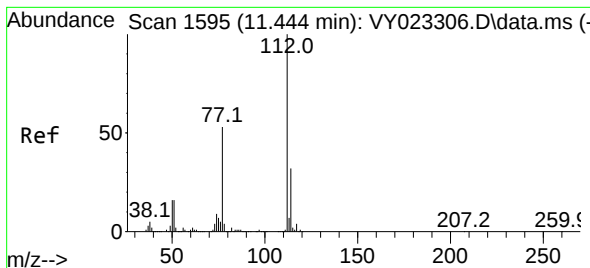
164 100

166 128.6 101.1 151.7

129 91.3 74.0 111.0

131 89.5 71.1 106.7

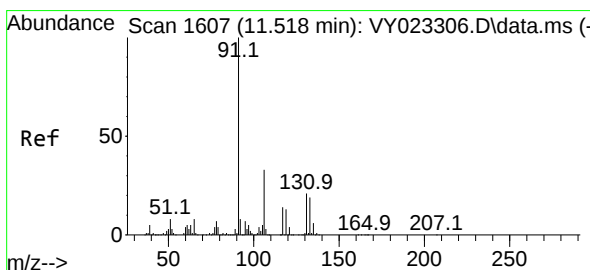
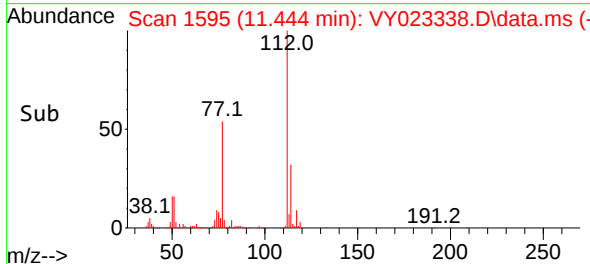
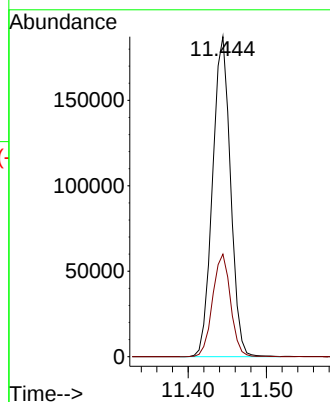
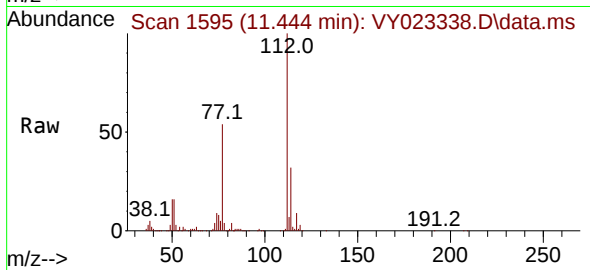




#65
Chlorobenzene
Concen: 20.430 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

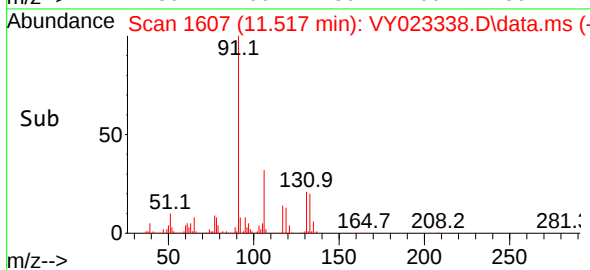
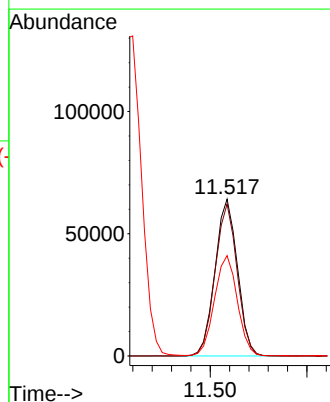
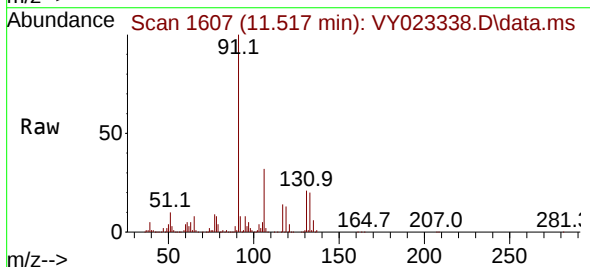
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

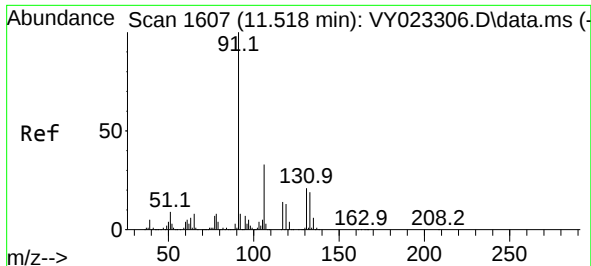
Tgt Ion:112 Resp: 298216
Ion Ratio Lower Upper
112 100
114 32.0 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.158 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion:131 Resp: 103283
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.6
119 65.0 33.2 99.6





#67

Ethyl Benzene

Concen: 20.184 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

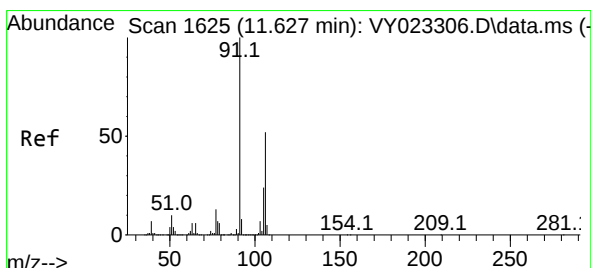
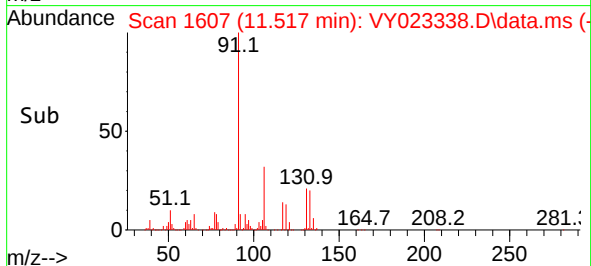
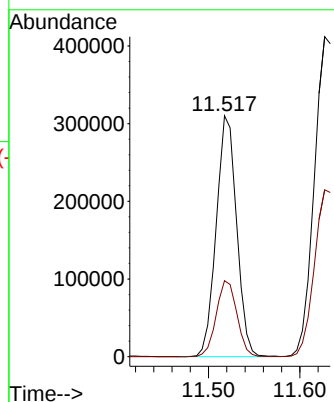
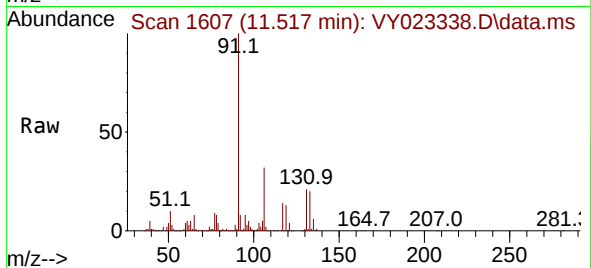
VY0911SBS01

Tgt Ion: 91 Resp: 481337

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 41.391 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023338.D

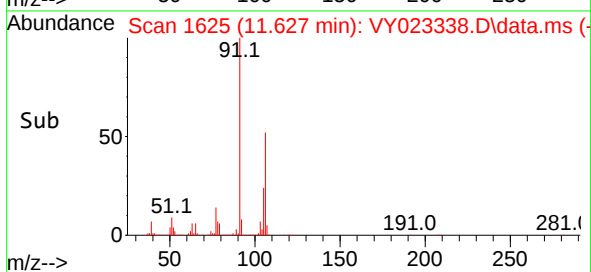
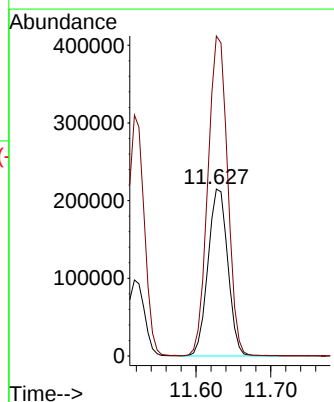
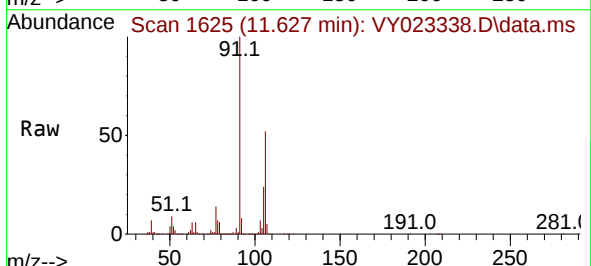
Acq: 11 Sep 2025 10:18

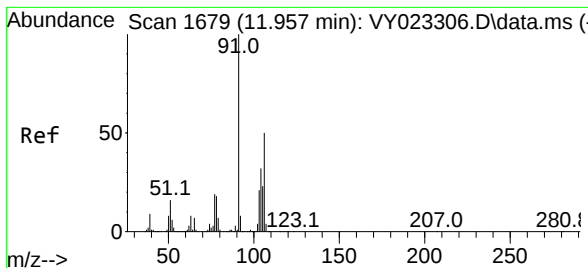
Tgt Ion:106 Resp: 395247

Ion Ratio Lower Upper

106 100

91 190.9 158.6 238.0

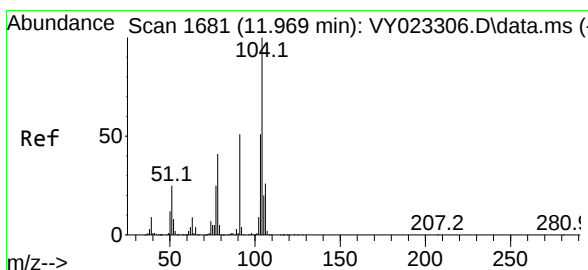
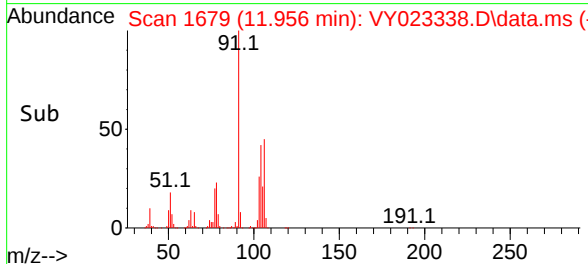
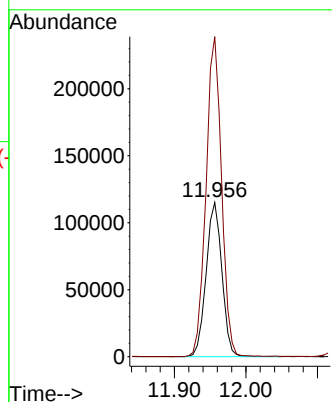
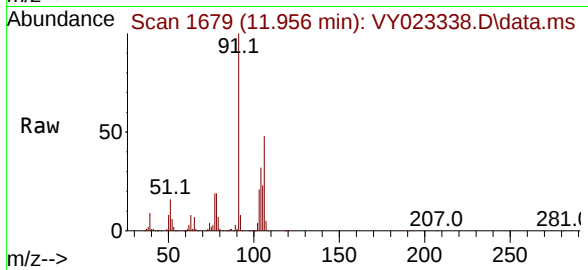




#69
o-Xylene
Concen: 19.930 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

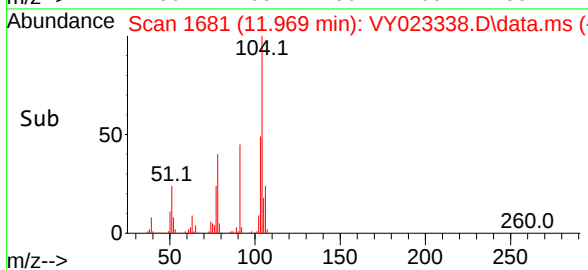
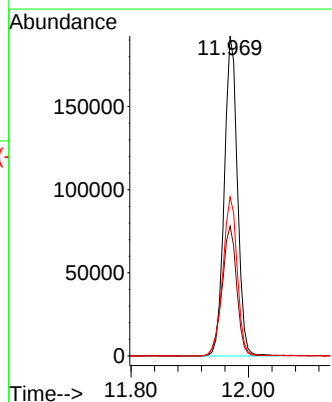
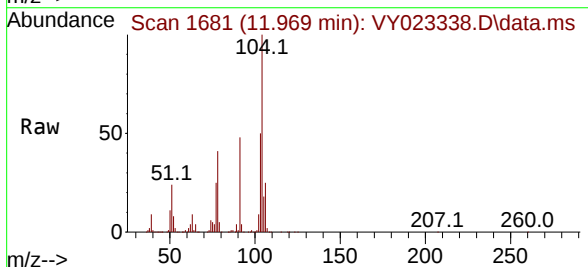
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

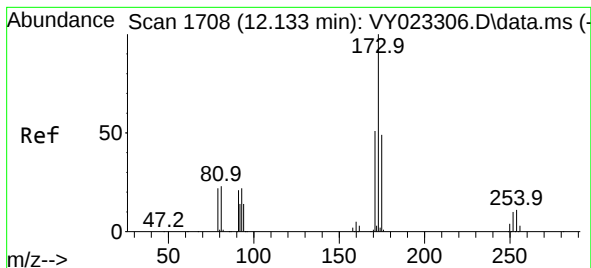
Tgt Ion:106 Resp: 176176
Ion Ratio Lower Upper
106 100
91 204.6 103.2 309.4



#70
Styrene
Concen: 20.406 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion:104 Resp: 298957
Ion Ratio Lower Upper
104 100
78 44.9 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 19.820 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

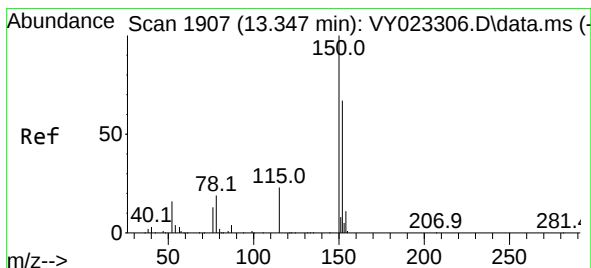
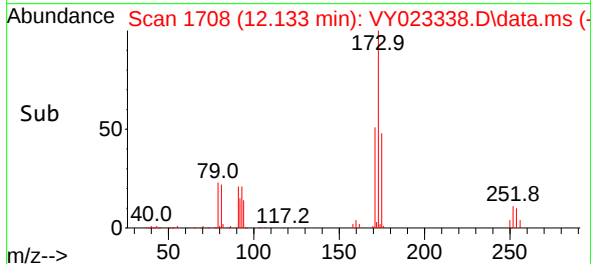
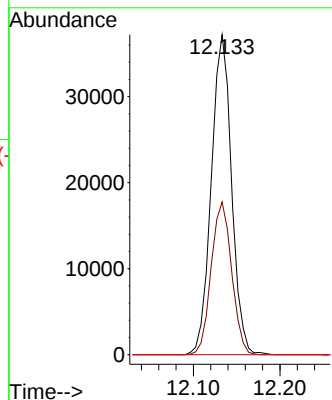
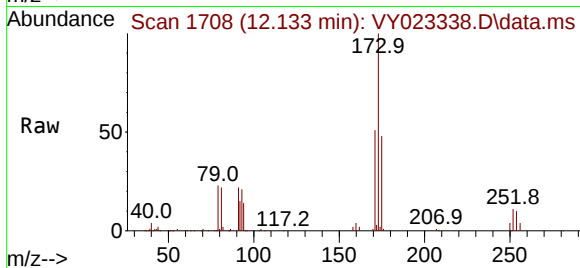
Tgt Ion:173 Resp: 60474

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

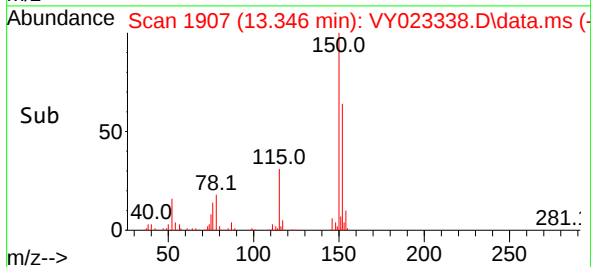
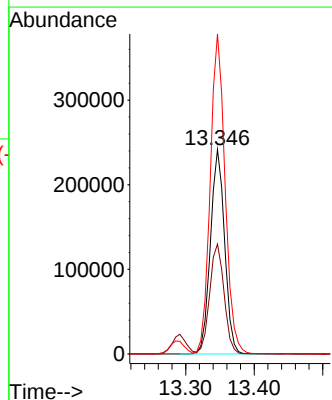
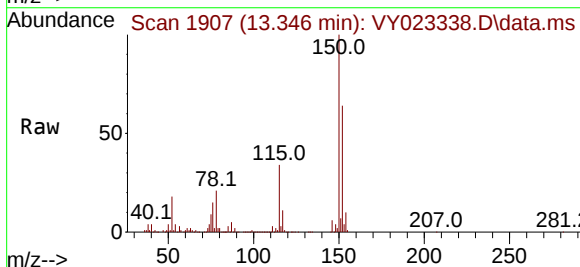
Tgt Ion:152 Resp: 349115

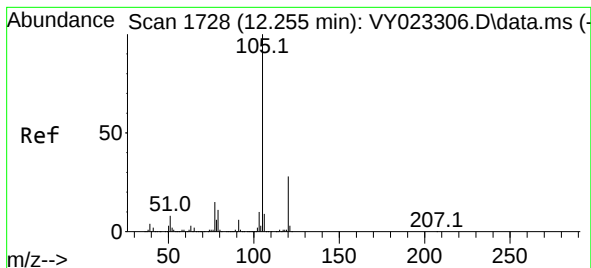
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.6

150 163.1 0.0 348.0





#73

Isopropylbenzene

Concen: 19.627 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

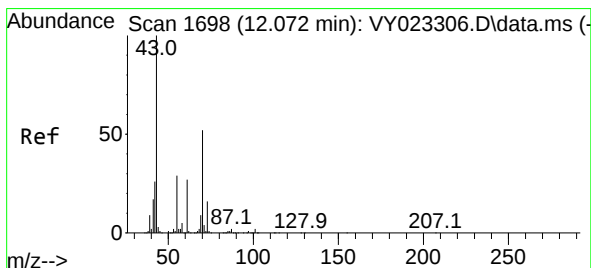
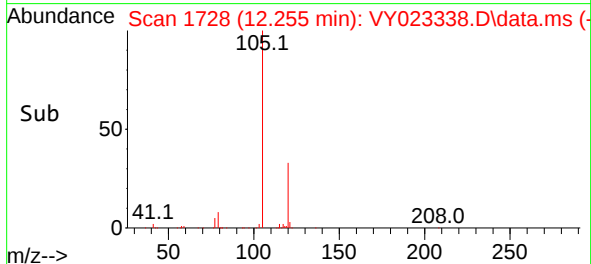
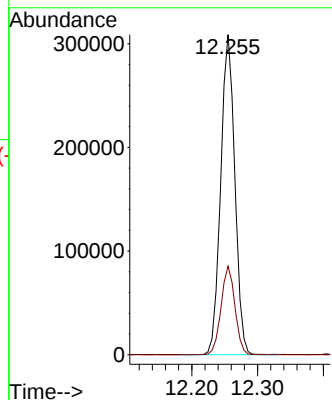
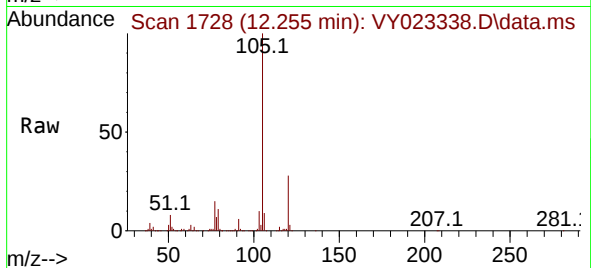
VY0911SBS01

Tgt Ion:105 Resp: 461568

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 17.220 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Tgt Ion: 43 Resp: 76545

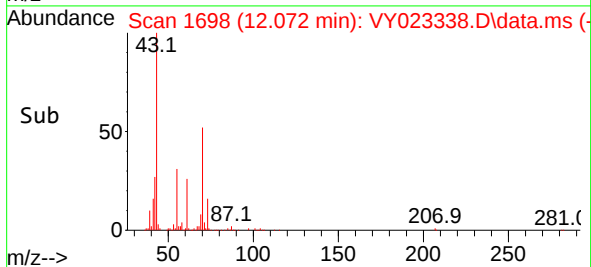
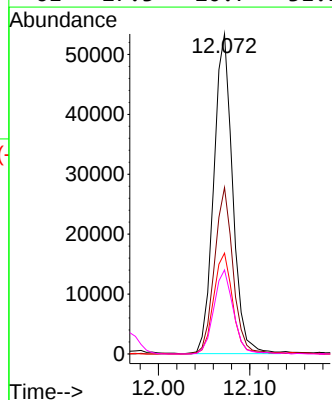
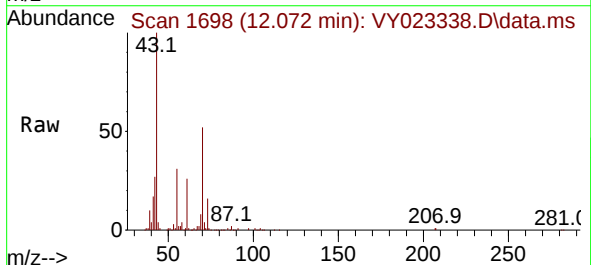
Ion Ratio Lower Upper

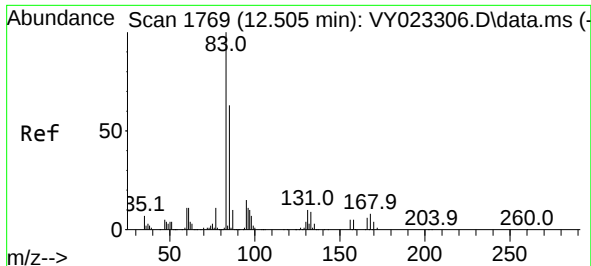
43 100

70 51.3 37.5 56.3

55 32.0 20.7 31.1#

61 27.3 20.7 31.1

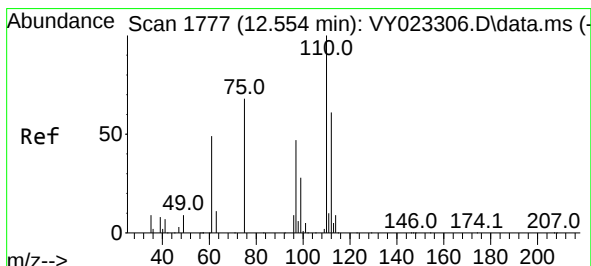
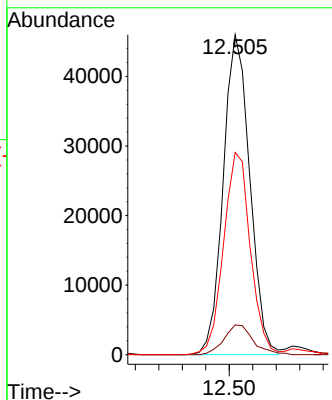
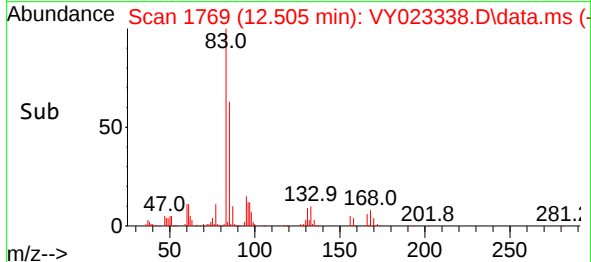
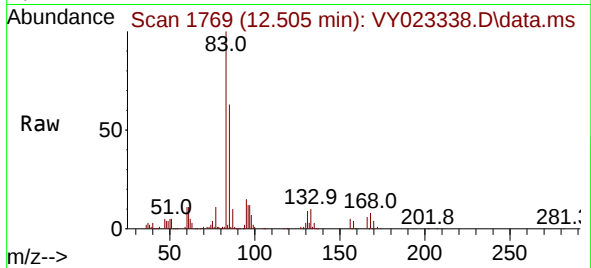




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.257 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023338.D
 Acq: 11 Sep 2025 10:18

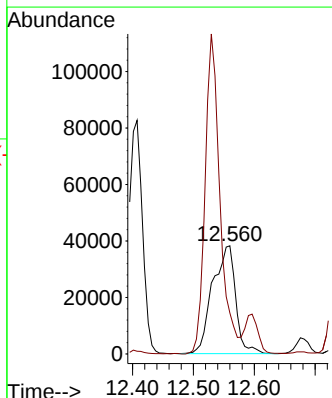
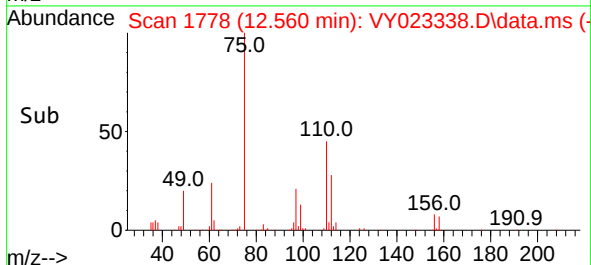
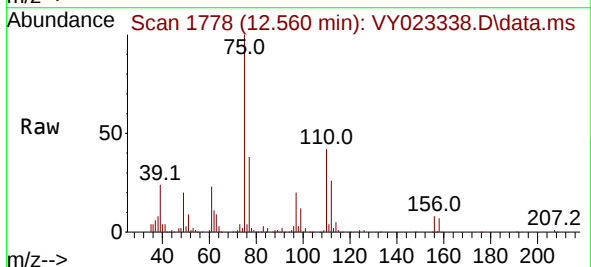
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

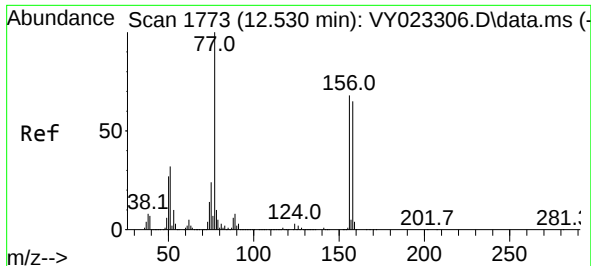
Tgt Ion: 83 Resp: 72054
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 63.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 28.505 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.012 min
 Lab File: VY023338.D
 Acq: 11 Sep 2025 10:18

Tgt Ion: 75 Resp: 100779
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

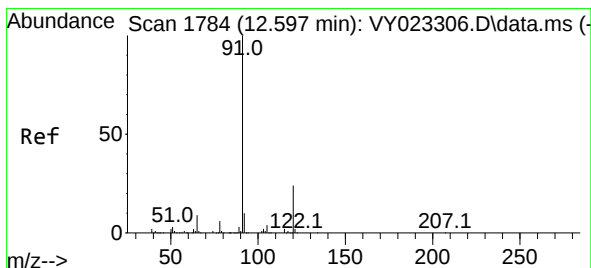
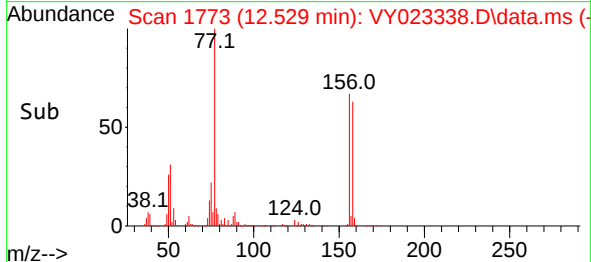
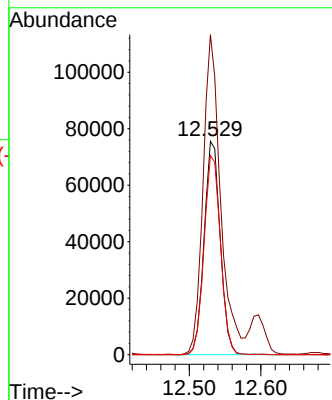
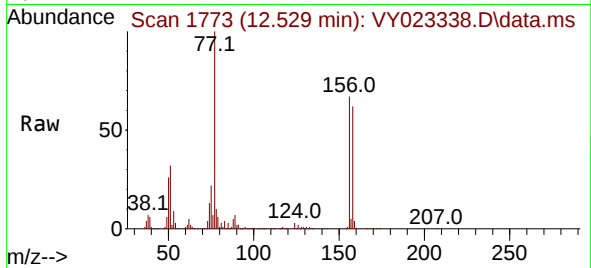




#77
Bromobenzene
Concen: 19.714 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

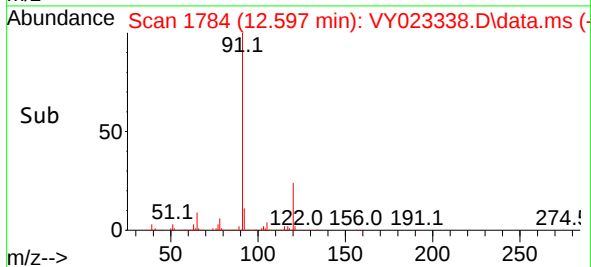
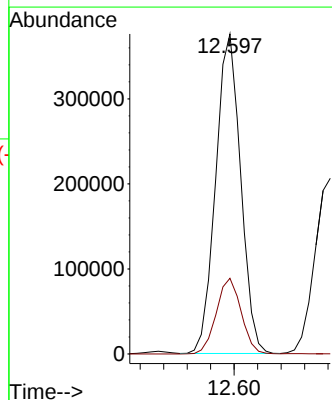
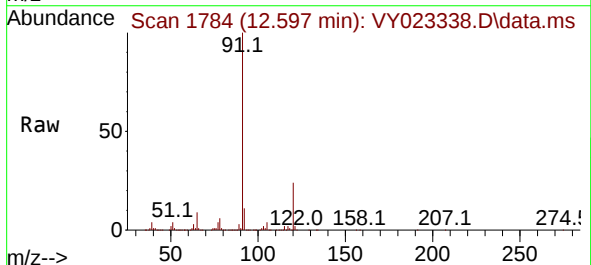
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

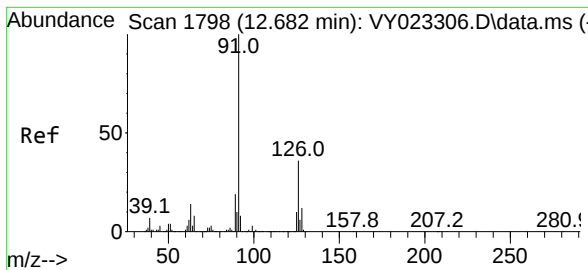
Tgt Ion:156 Resp: 118443
Ion Ratio Lower Upper
156 100
77 161.8 88.1 264.4
158 95.2 48.0 144.0



#78
n-propylbenzene
Concen: 20.009 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 91 Resp: 554600
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5

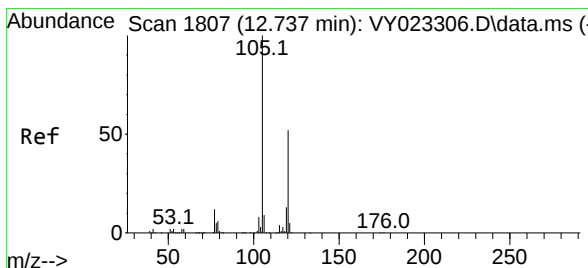
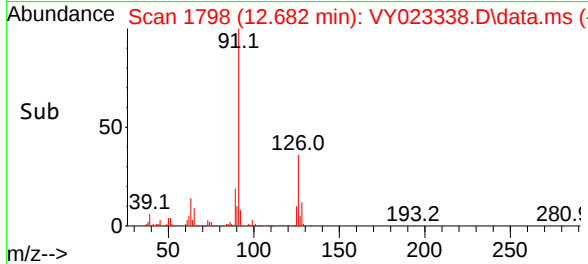
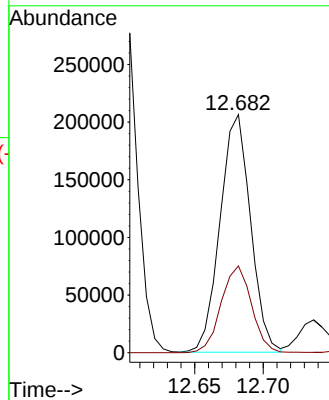
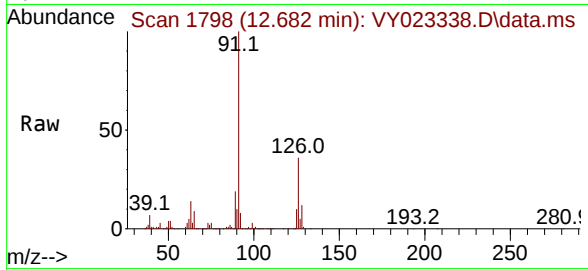




#79
2-Chlorotoluene
Concen: 19.979 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

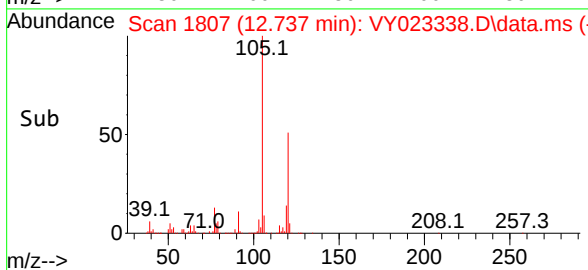
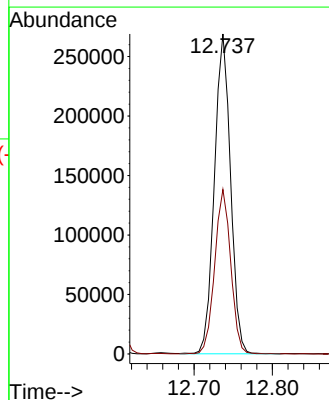
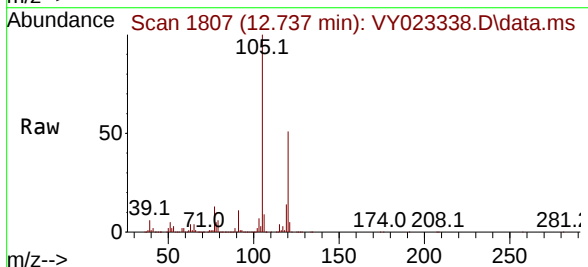
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

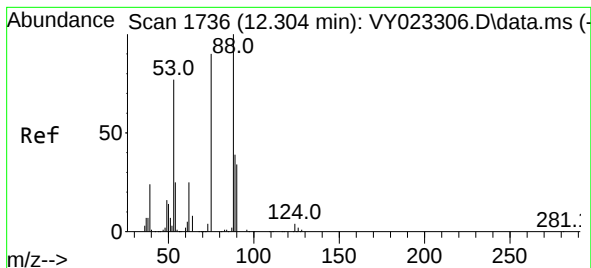
Tgt Ion: 91 Resp: 318942
Ion Ratio Lower Upper
91 100
126 36.3 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.108 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 105 Resp: 384589
Ion Ratio Lower Upper
105 100
120 51.4 24.8 74.4

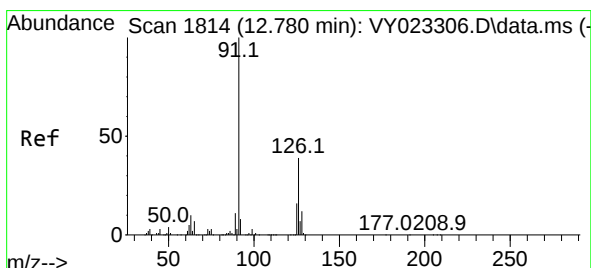
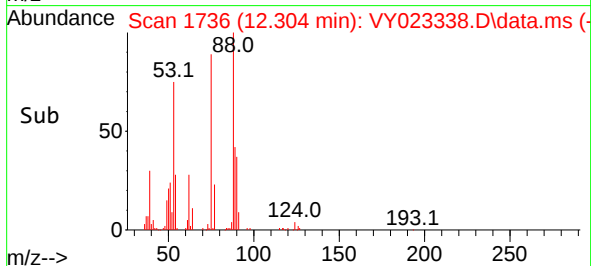
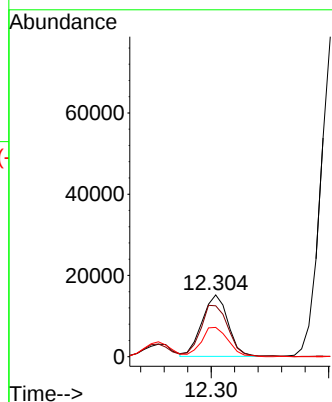
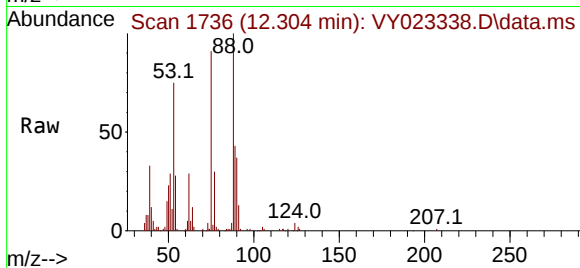




#81
trans-1,4-Dichloro-2-butene
Concen: 17.918 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

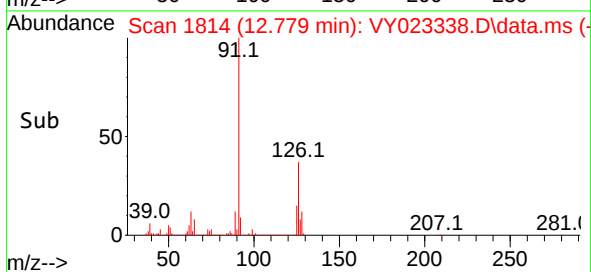
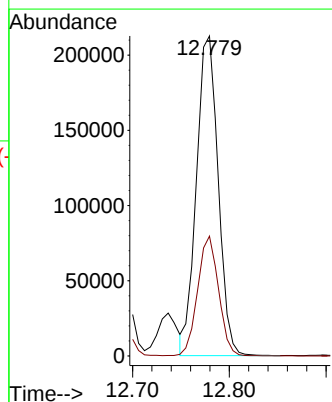
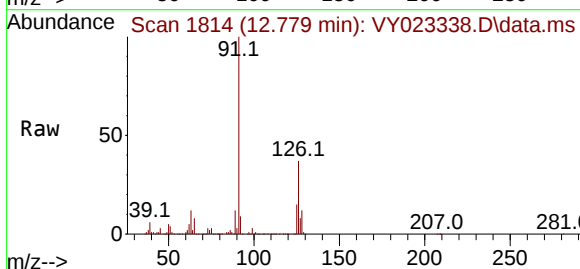
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

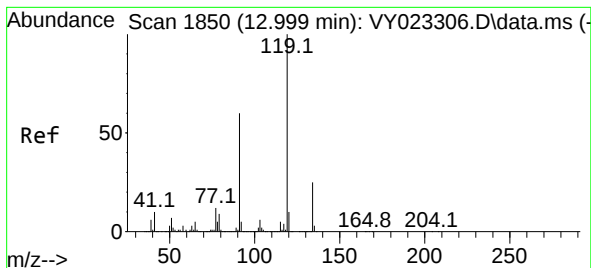
Tgt Ion: 75 Resp: 23229
Ion Ratio Lower Upper
75 100
53 89.6 70.8 106.2
89 48.5 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.874 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 91 Resp: 331983
Ion Ratio Lower Upper
91 100
126 36.2 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.394 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

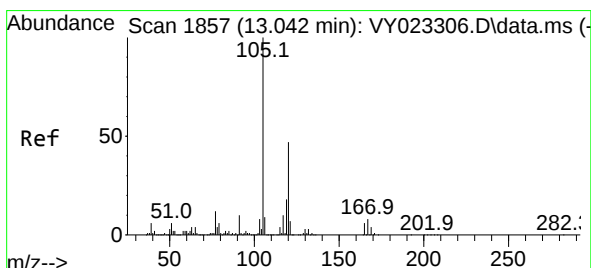
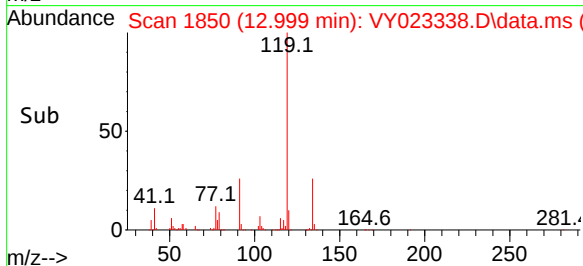
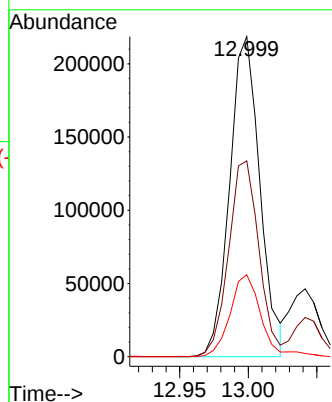
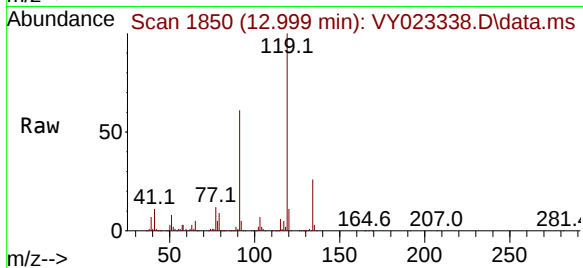
Tgt Ion:119 Resp: 335958

Ion Ratio Lower Upper

119 100

91 61.4 31.6 94.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.154 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023338.D

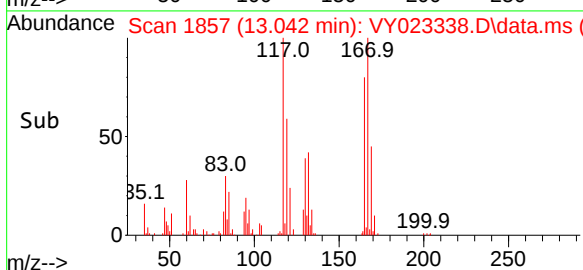
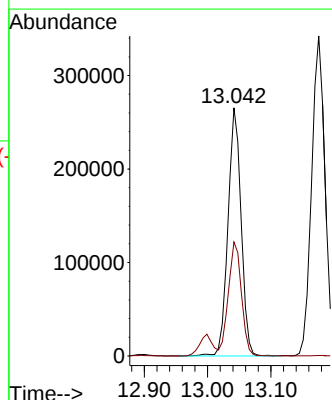
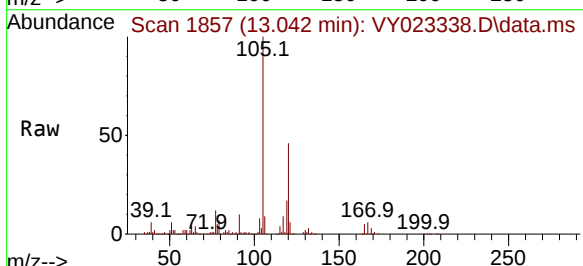
Acq: 11 Sep 2025 10:18

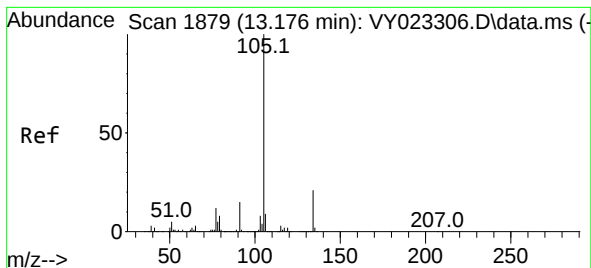
Tgt Ion:105 Resp: 381335

Ion Ratio Lower Upper

105 100

120 45.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.844 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

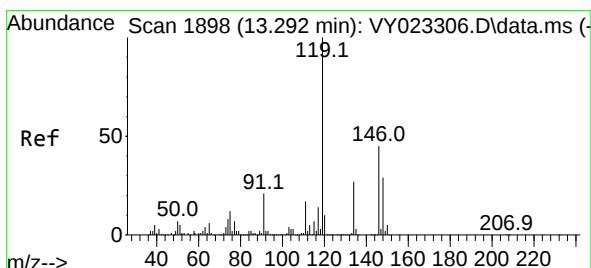
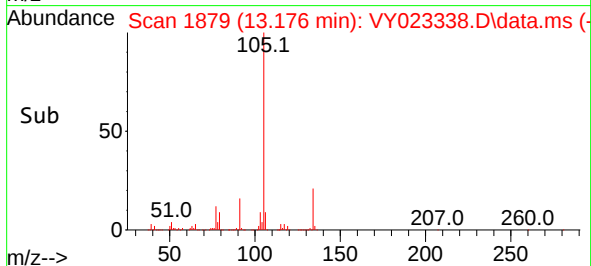
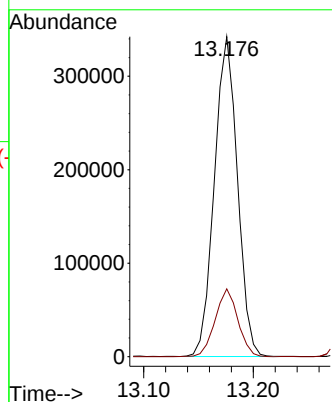
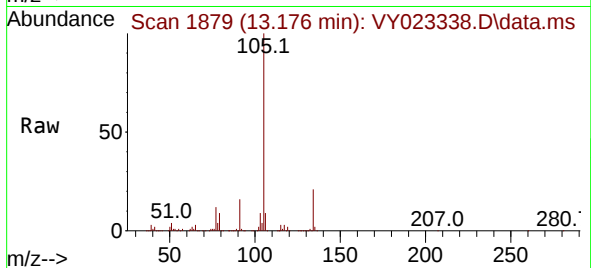
VY0911SBS01

Tgt Ion:105 Resp: 500159

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.882 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

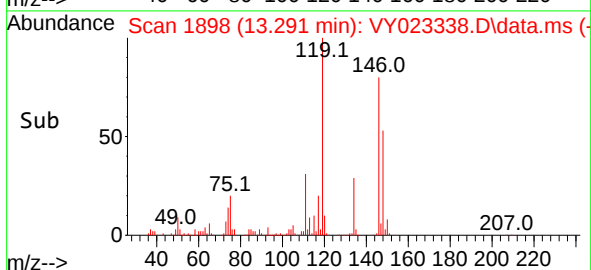
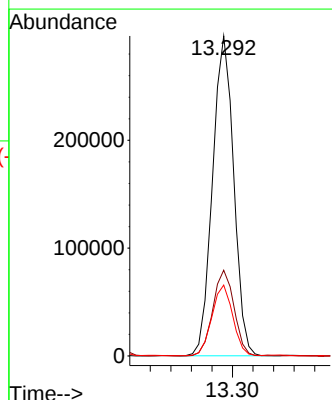
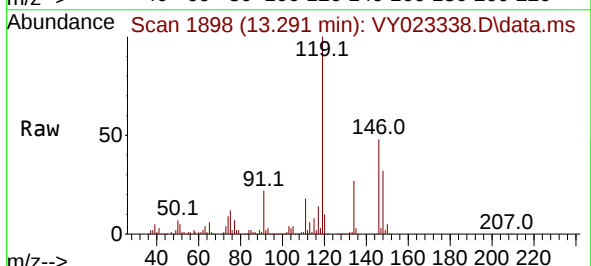
Tgt Ion:119 Resp: 423292

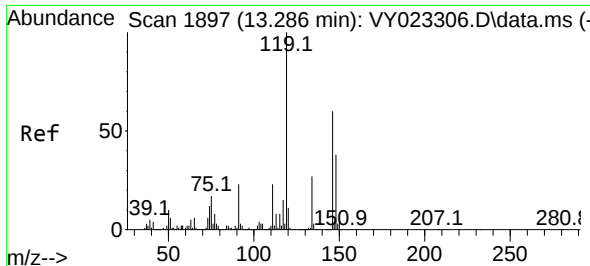
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 21.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.713 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

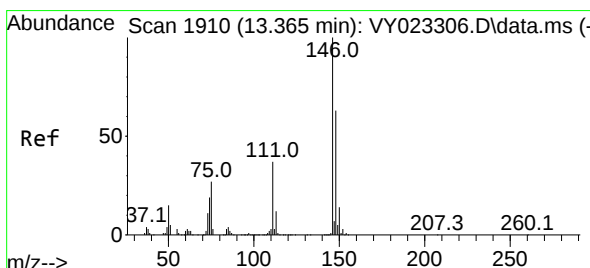
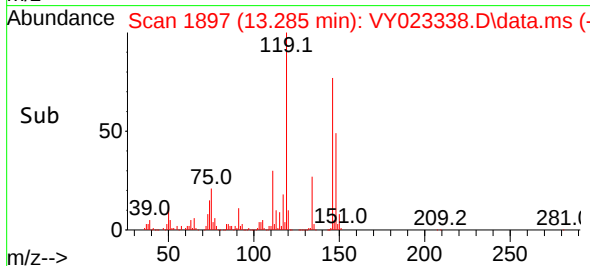
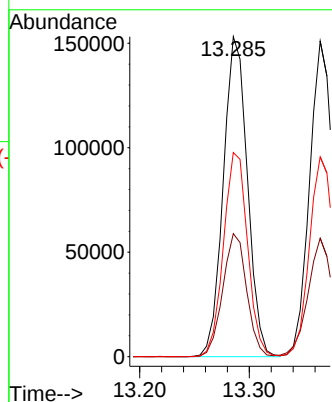
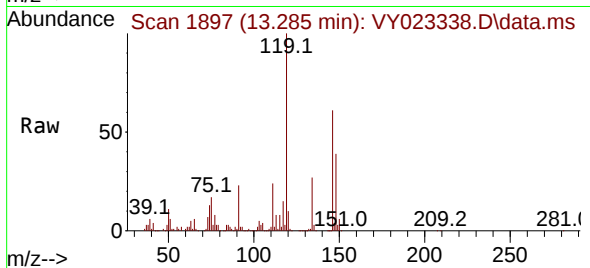
Tgt Ion:146 Resp: 234363

Ion Ratio Lower Upper

146 100

111 38.1 19.6 58.7

148 63.7 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 19.623 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

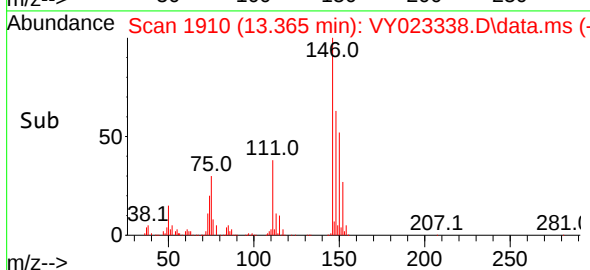
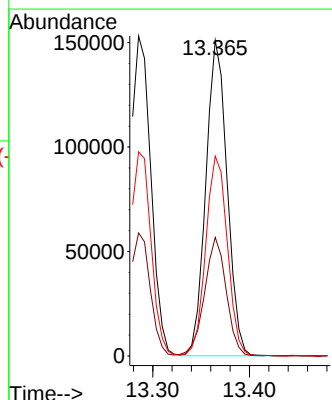
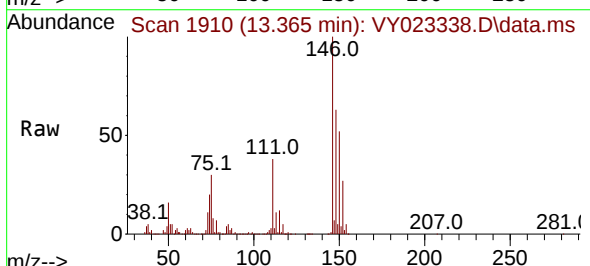
Tgt Ion:146 Resp: 231069

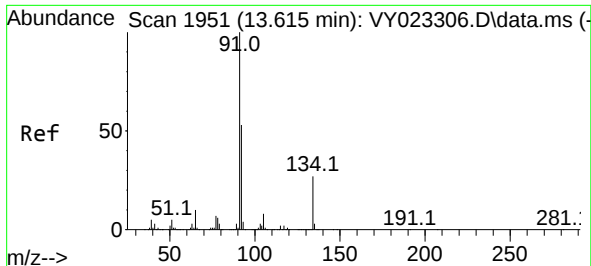
Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.1

148 64.6 31.6 94.7

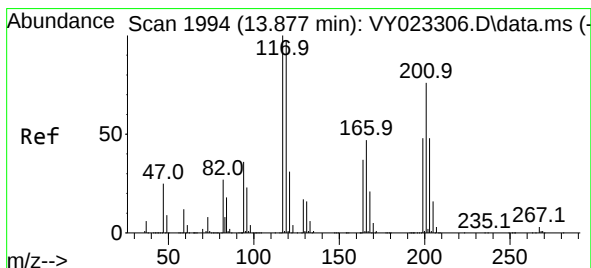
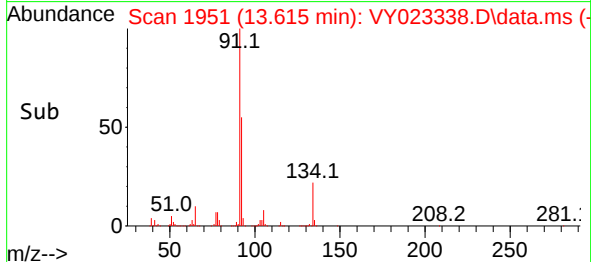
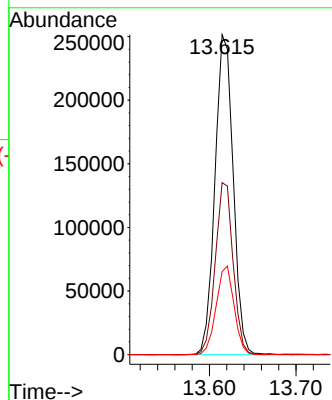
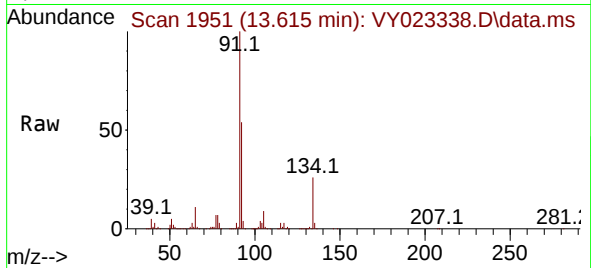




#89
n-Butylbenzene
Concen: 19.494 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

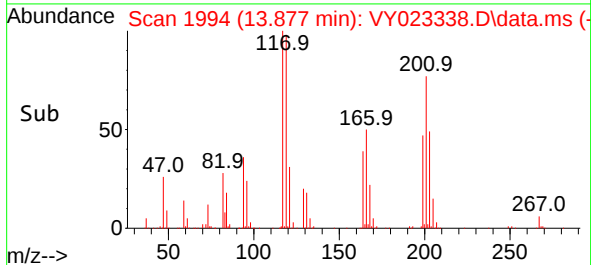
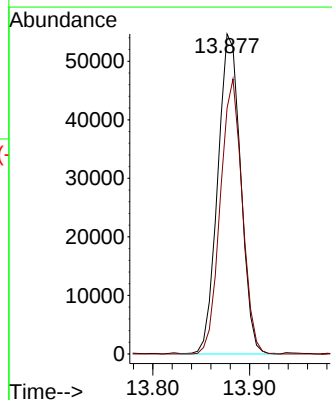
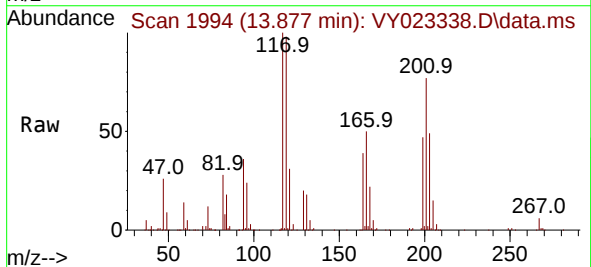
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

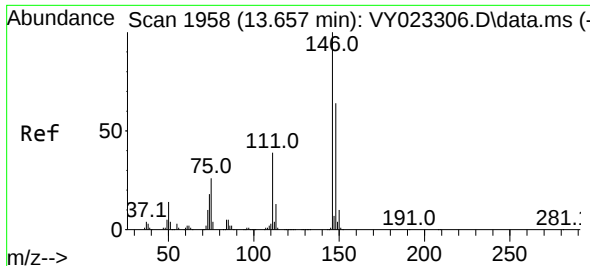
Tgt Ion: 91 Resp: 368066
Ion Ratio Lower Upper
91 100
92 52.6 26.9 80.7
134 27.2 13.2 39.5



#90
Hexachloroethane
Concen: 19.451 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 117 Resp: 89780
Ion Ratio Lower Upper
117 100
201 82.1 38.4 115.1

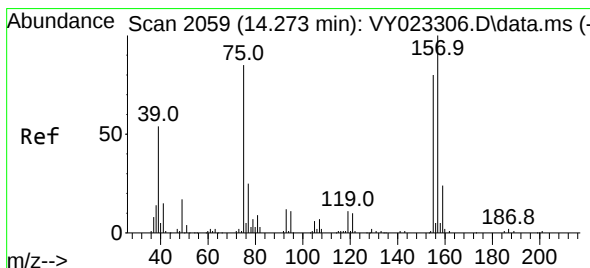
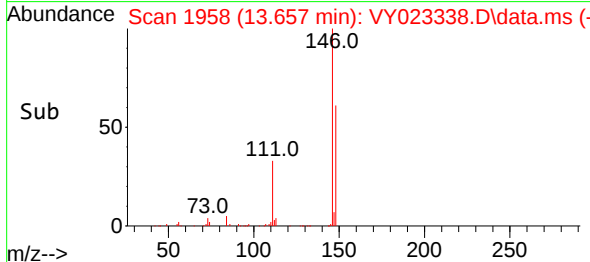
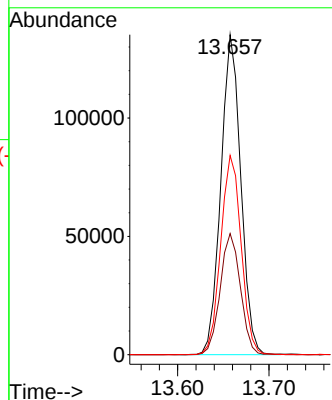
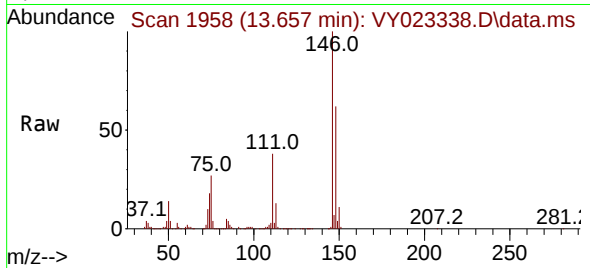




#91
 1,2-Dichlorobenzene
 Concen: 19.812 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY023338.D
 Acq: 11 Sep 2025 10:18

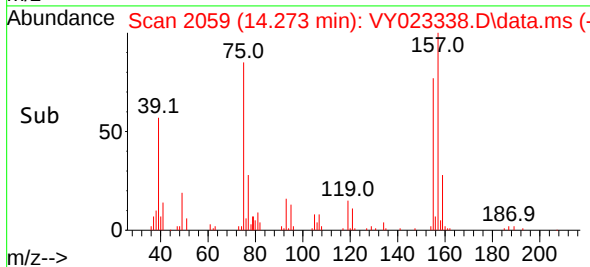
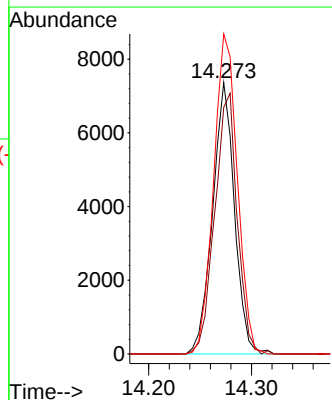
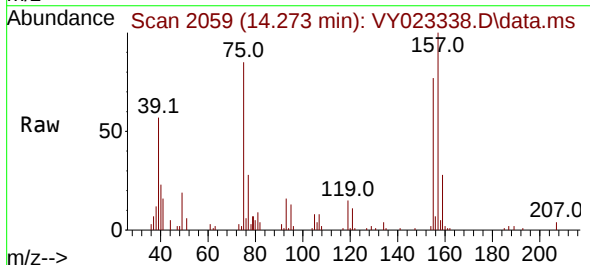
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

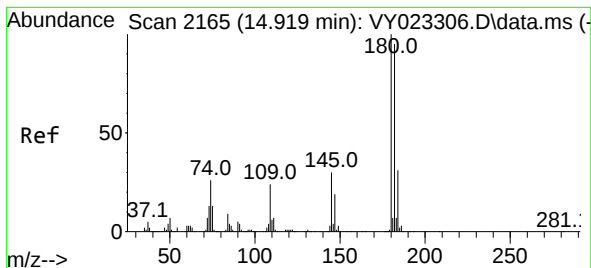
Tgt Ion:146 Resp: 205368
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.3 60.8
 148 63.9 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.595 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023338.D
 Acq: 11 Sep 2025 10:18

Tgt Ion: 75 Resp: 10896
 Ion Ratio Lower Upper
 75 100
 155 98.7 43.9 131.6
 157 127.2 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 19.263 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBS01

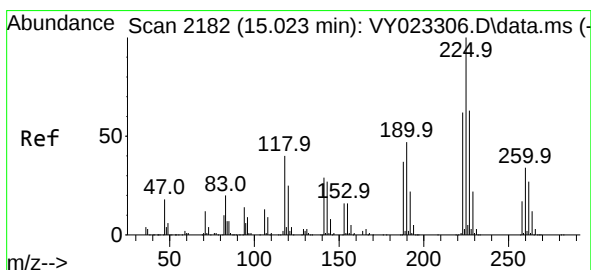
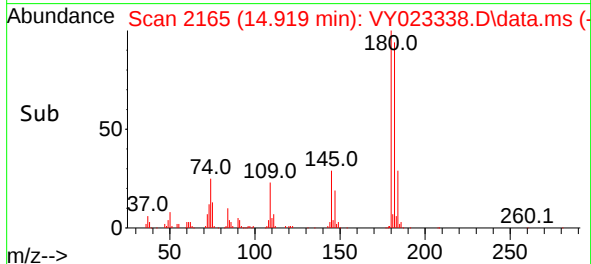
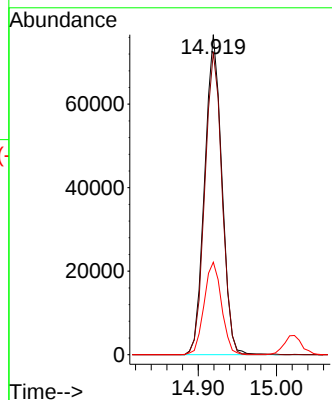
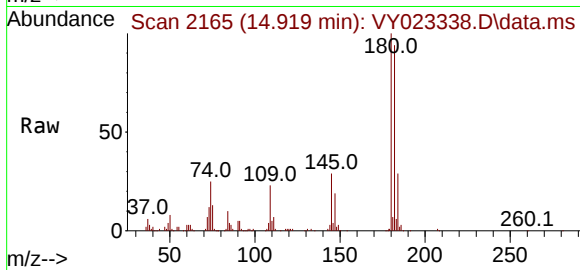
Tgt Ion:180 Resp: 116470

Ion Ratio Lower Upper

180 100

182 94.8 46.8 140.4

145 29.3 14.4 43.4



#94

Hexachlorobutadiene

Concen: 19.855 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023338.D

Acq: 11 Sep 2025 10:18

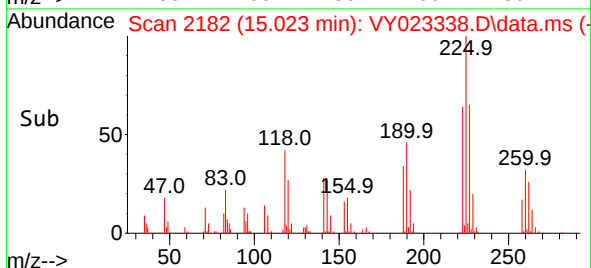
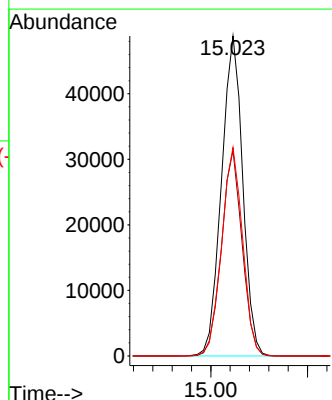
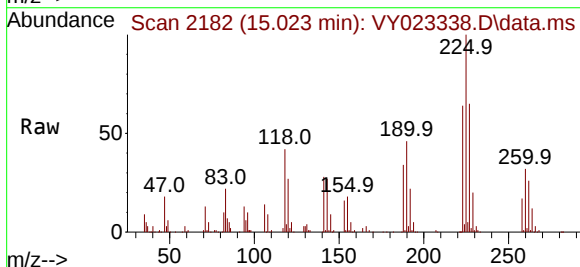
Tgt Ion:225 Resp: 74227

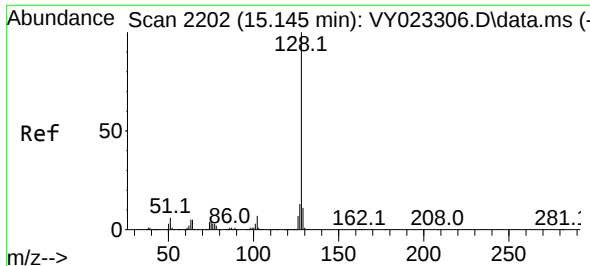
Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

227 64.3 31.5 94.5

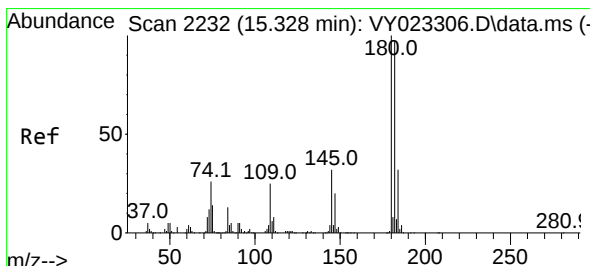
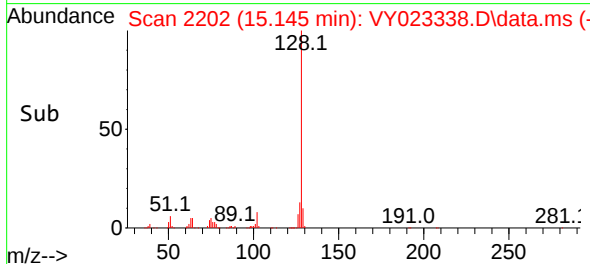
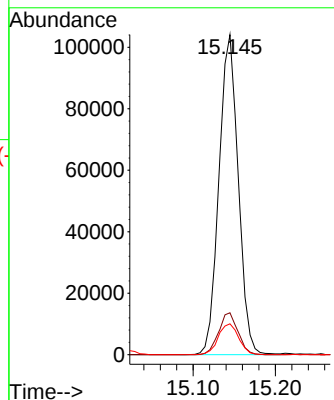
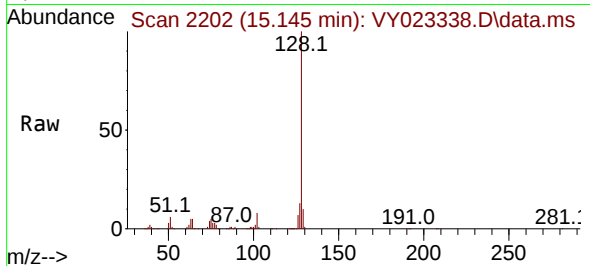




#95
Naphthalene
Concen: 17.455 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01

Tgt Ion:128 Resp: 169637
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.2 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 19.026 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY023338.D
Acq: 11 Sep 2025 10:18

Tgt Ion:180 Resp: 99907
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.7
145 31.6 15.9 47.7

