

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090825\
 Data File : VY023306.D
 Acq On : 08 Sep 2025 11:23
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 09 01:44:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 09 01:40:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	526393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	778902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	694798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	356166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	226238	48.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.820%
35) Dibromofluoromethane	7.640	113	242771	50.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.109	98	924895	51.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.408	95	294348	52.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	191965	45.456	ug/l	100
3) Chloromethane	2.074	50	281181	46.530	ug/l	100
4) Vinyl Chloride	2.208	62	365961	48.071	ug/l	100
5) Bromomethane	2.598	94	280343	45.099	ug/l	100
6) Chloroethane	2.739	64	247798	48.098	ug/l	100
7) Trichlorofluoromethane	3.062	101	457788	47.643	ug/l	100
8) Diethyl Ether	3.458	74	125500	49.362	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	247430	47.882	ug/l	100
10) Methyl Iodide	4.007	142	320240	53.125	ug/l	100
11) Tert butyl alcohol	4.860	59	64196	240.194	ug/l	100
12) 1,1-Dichloroethene	3.793	96	241227	48.526	ug/l	100
13) Acrolein	3.659	56	106268	235.190	ug/l	100
14) Allyl chloride	4.391	41	314185	50.033	ug/l	100
15) Acrylonitrile	5.061	53	246560	246.345	ug/l	100
16) Acetone	3.873	43	263093	249.707	ug/l	100
17) Carbon Disulfide	4.110	76	764425	48.571	ug/l	100
18) Methyl Acetate	4.391	43	122876	47.543	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	589871	50.466	ug/l	100
20) Methylene Chloride	4.622	84	264766	46.970	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	273371	49.219	ug/l	100
22) Diisopropyl ether	6.025	45	712660	50.959	ug/l	100
23) Vinyl Acetate	5.964	43	1986591	256.951	ug/l	100
24) 1,1-Dichloroethane	5.921	63	444491	48.594	ug/l	100
25) 2-Butanone	6.896	43	321192	247.689	ug/l	100
26) 2,2-Dichloropropane	6.890	77	395813	49.007	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	311626	49.545	ug/l	100
28) Bromochloromethane	7.250	49	172947	48.051	ug/l	100
29) Tetrahydrofuran	7.268	42	193120	251.078	ug/l	100
30) Chloroform	7.427	83	477370	48.571	ug/l	100
31) Cyclohexane	7.707	56	382977	47.314	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	425024	48.403	ug/l	100
36) 1,1-Dichloropropene	7.841	75	343220	50.613	ug/l	100
37) Ethyl Acetate	6.988	43	135316	50.163	ug/l	100
38) Carbon Tetrachloride	7.823	117	391444	50.167	ug/l	100
39) Methylcyclohexane	9.109	83	451750	52.073	ug/l	100
40) Benzene	8.085	78	1066603	50.603	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	187505	125.107	ug/l #	47
42) 1,2-Dichloroethane	8.158	62	267863	49.914	ug/l	100
43) Isopropyl Acetate	8.201	43	270339	51.526	ug/l	100
44) Trichloroethene	8.866	130	296655	50.530	ug/l	100
45) 1,2-Dichloropropane	9.146	63	237691	49.932	ug/l	100
46) Dibromomethane	9.238	93	146260	50.452	ug/l	100
47) Bromodichloromethane	9.427	83	369052	50.602	ug/l	100
48) Methyl methacrylate	9.219	41	130598	53.403	ug/l	100
49) 1,4-Dioxane	9.231	88	29659	1007.857	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	705200	262.721	ug/l	100
52) Toluene	10.176	92	698056	52.186	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	327439	52.147	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	386725	51.543	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	195025	50.573	ug/l	100
56) Ethyl methacrylate	10.439	69	242372	54.250	ug/l	100
57) 1,3-Dichloropropane	10.719	76	321373	51.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	546457	280.634	ug/l	100
59) 2-Hexanone	10.762	43	490109	264.125	ug/l	100
60) Dibromochloromethane	10.914	129	267186	51.065	ug/l	100
61) 1,2-Dibromoethane	11.018	107	183355	50.741	ug/l	100
64) Tetrachloroethene	10.652	164	355533	51.342	ug/l	100
65) Chlorobenzene	11.444	112	768569	50.493	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	268927	50.336	ug/l	100
67) Ethyl Benzene	11.518	91	1302238	52.368	ug/l	100
68) m/p-Xylenes	11.627	106	1046889	105.137	ug/l	100
69) o-Xylene	11.957	106	488210	52.964	ug/l	100
70) Styrene	11.969	104	824921	53.998	ug/l	100
71) Bromoform	12.133	173	160560	50.465	ug/l #	100
73) Isopropylbenzene	12.255	105	1261495	52.581	ug/l	100
74) N-amyl acetate	12.072	43	237152	52.296	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	198241	49.235	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	272635	69.186	ug/l #	100
77) Bromobenzene	12.530	156	313012	51.068	ug/l	100
78) n-propylbenzene	12.597	91	1495542	52.889	ug/l	100
79) 2-Chlorotoluene	12.682	91	846258	51.960	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1031398	52.858	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	66100	49.977	ug/l	100
82) 4-Chlorotoluene	12.780	91	875904	51.398	ug/l	100
83) tert-Butylbenzene	12.999	119	927426	52.479	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1030176	53.367	ug/l	100
85) sec-Butylbenzene	13.176	105	1354129	52.663	ug/l	100
86) p-Isopropyltoluene	13.292	119	1162434	53.519	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	620504	51.159	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	603738	50.256	ug/l	100
89) n-Butylbenzene	13.615	91	1036061	53.786	ug/l	100
90) Hexachloroethane	13.877	117	234170	49.730	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	539018	50.970	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30972	49.023	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	322364	52.259	ug/l	100
94) Hexachlorobutadiene	15.023	225	193854	50.827	ug/l	100
95) Naphthalene	15.145	128	541174	54.583	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	280256	52.314	ug/l	100

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ClientSampleId :
VSTDICCC050

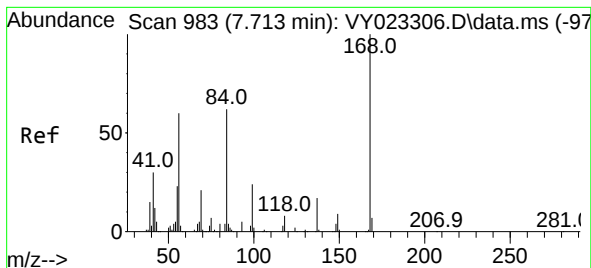
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

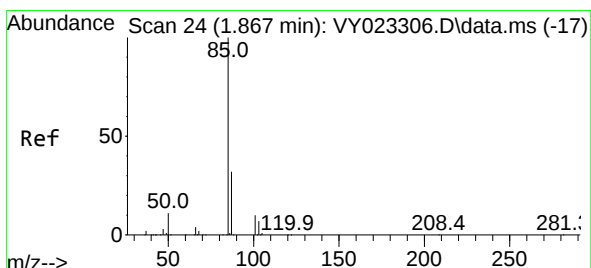
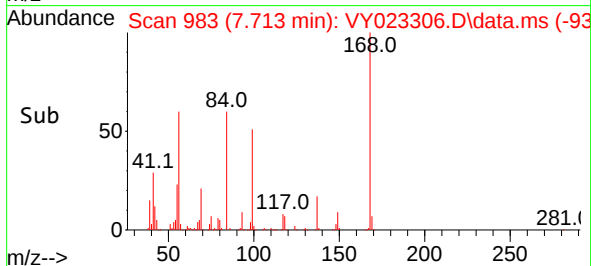
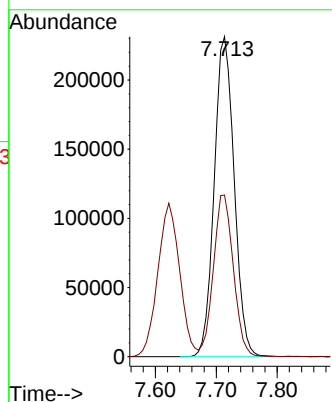
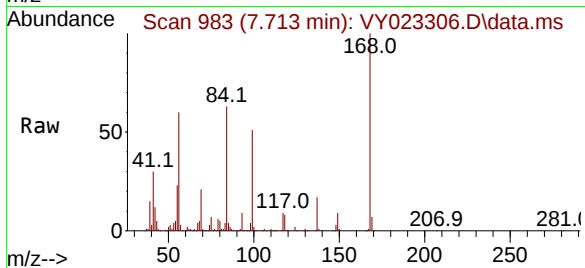
VSTDICCC050

Tgt Ion:168 Resp: 526393

Ion Ratio Lower Upper

168 100

99 50.5 40.4 60.6



#2

Dichlorodifluoromethane

Concen: 45.456 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY023306.D

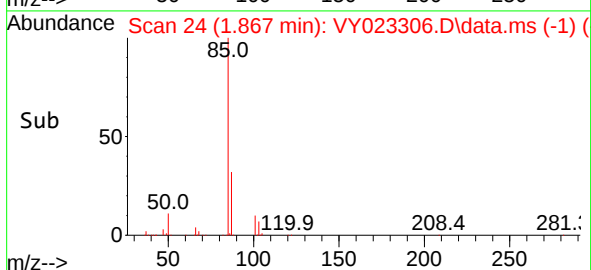
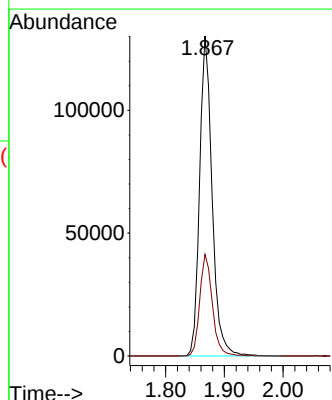
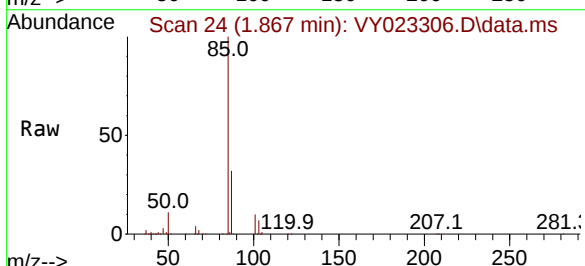
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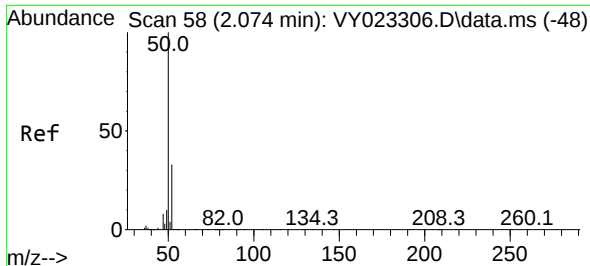
Tgt Ion: 85 Resp: 191965

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7

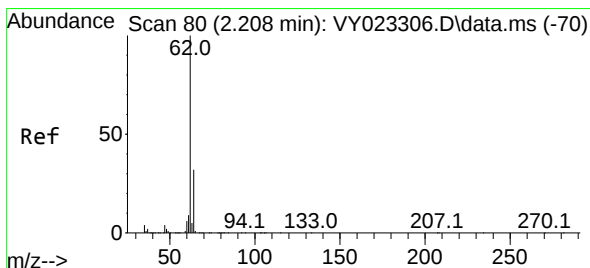
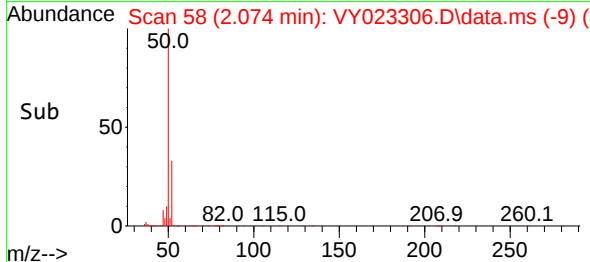
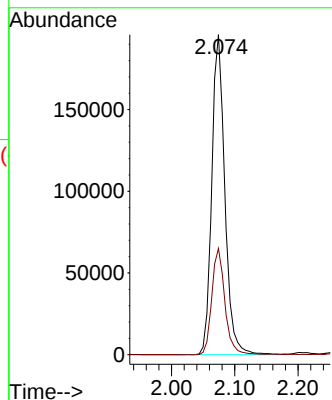
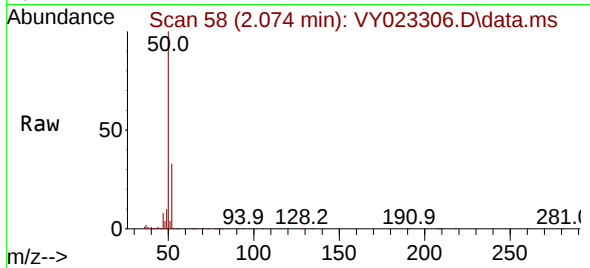




#3
Chloromethane
Concen: 46.530 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023306.D
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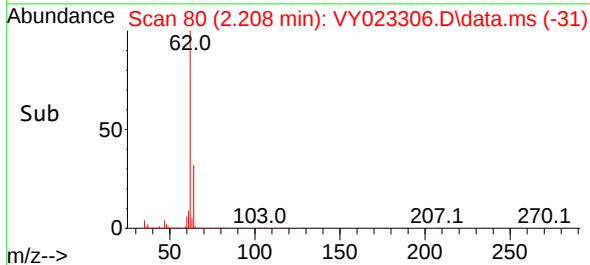
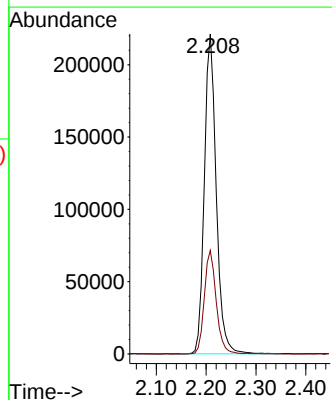
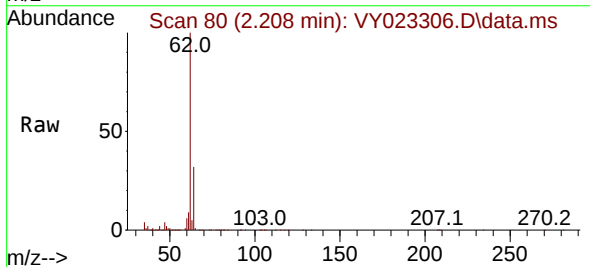
Instrument :
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ClientSampleId :
VSTDICCC050

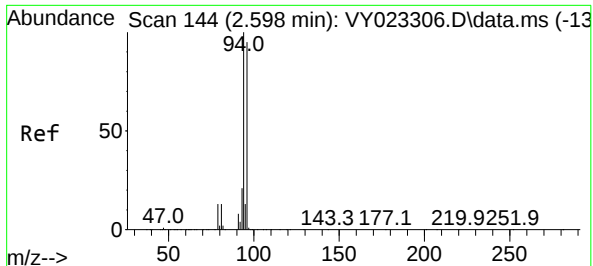
Tgt Ion: 50 Resp: 281181
Ion Ratio Lower Upper
50 100
52 33.2 26.6 39.8



#4
Vinyl Chloride
Concen: 48.071 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 62 Resp: 365961
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.8

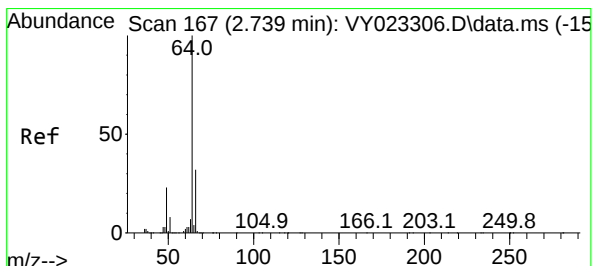
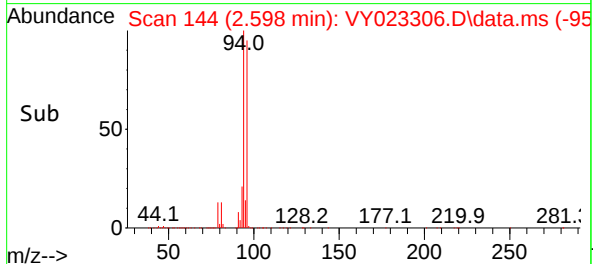
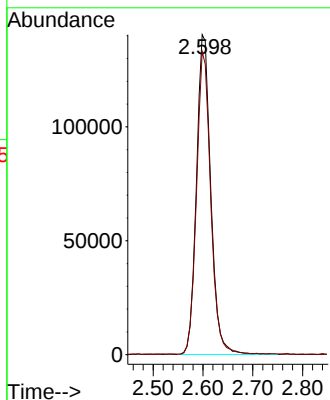
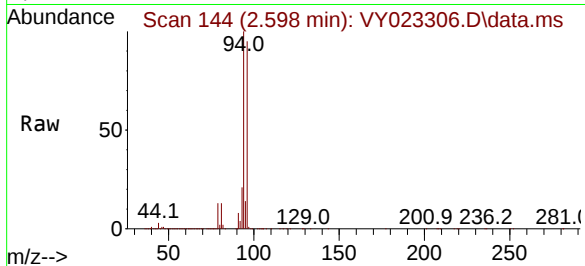




#5
Bromomethane
Concen: 45.099 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

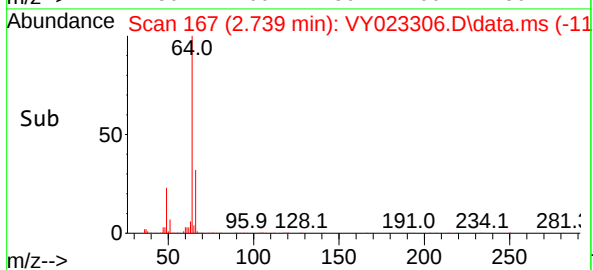
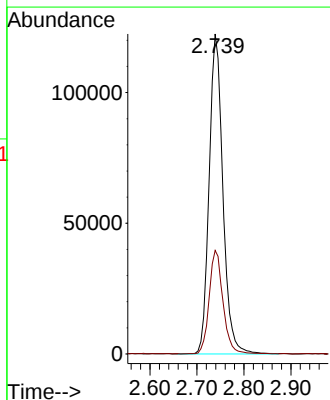
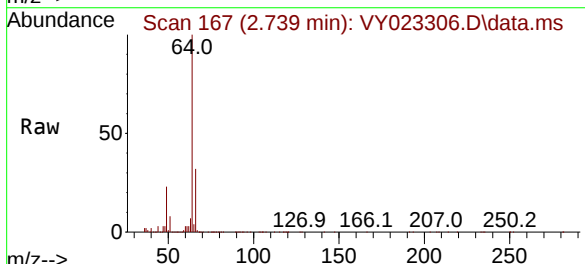
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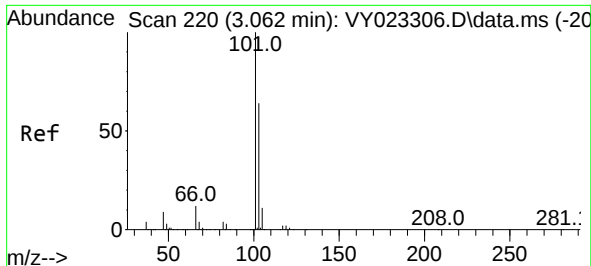
Tgt Ion: 94 Resp: 280343
Ion Ratio Lower Upper
94 100
96 94.6 75.7 113.5



#6
Chloroethane
Concen: 48.098 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 64 Resp: 247798
Ion Ratio Lower Upper
64 100
66 32.3 25.8 38.8

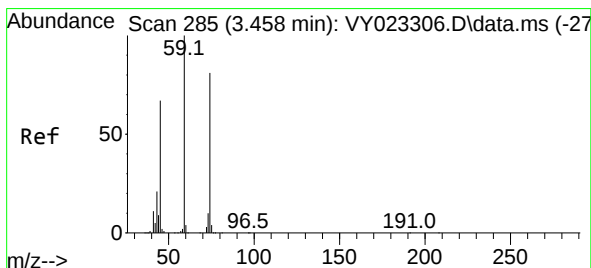
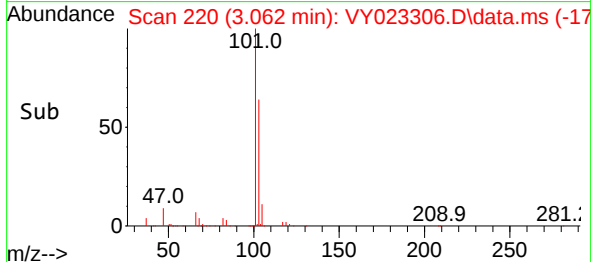
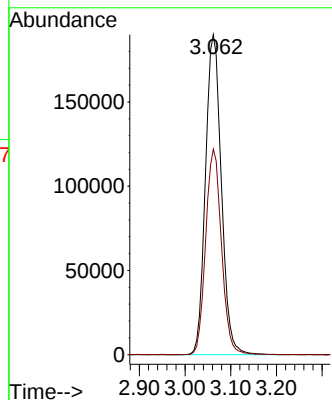
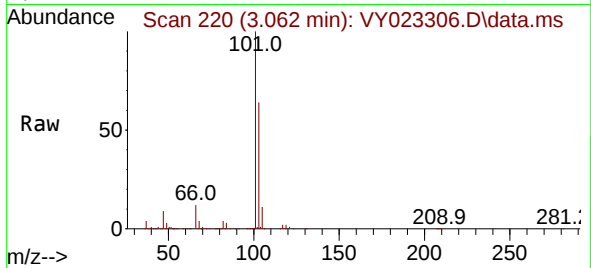




#7
 Trichlorofluoromethane
 Concen: 47.643 ug/l
 RT: 3.062 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY023306.D
 Acq: 08 Sep 2025 11:23

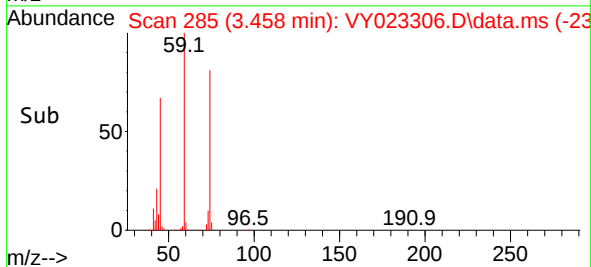
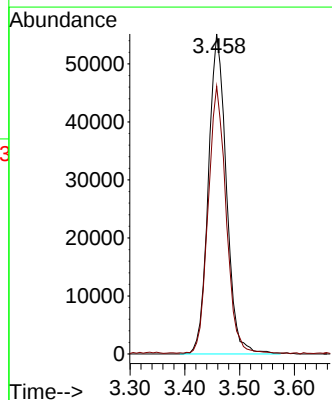
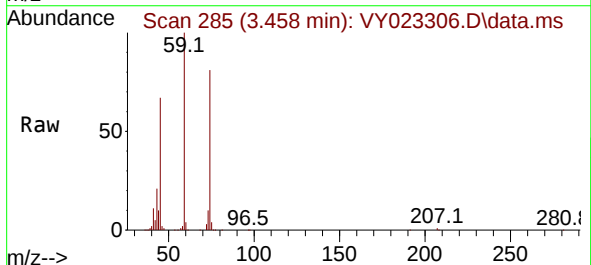
Instrument :
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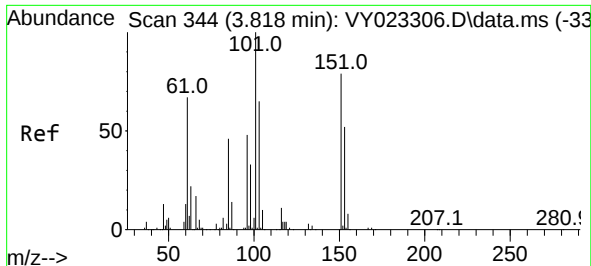
Tgt Ion:101 Resp: 457788
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 49.362 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023306.D
 Acq: 08 Sep 2025 11:23

Tgt Ion: 74 Resp: 125500
 Ion Ratio Lower Upper
 74 100
 45 82.9 41.4 124.4

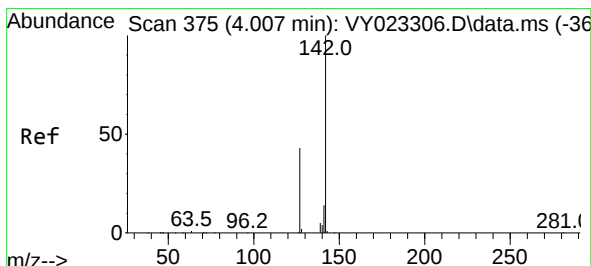
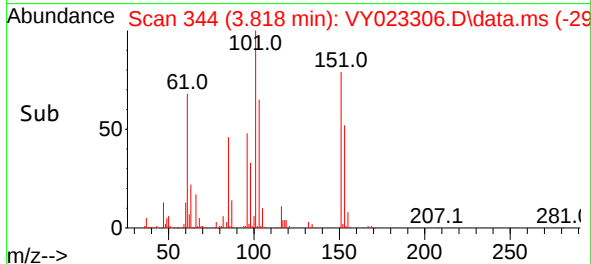
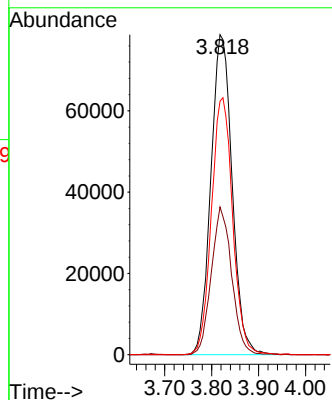
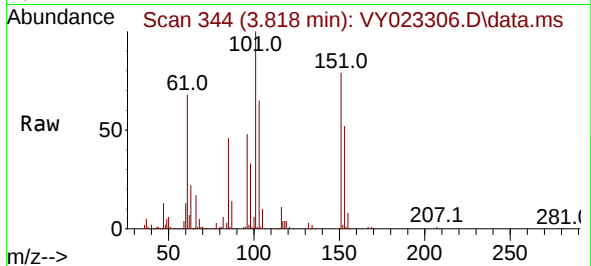




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.882 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

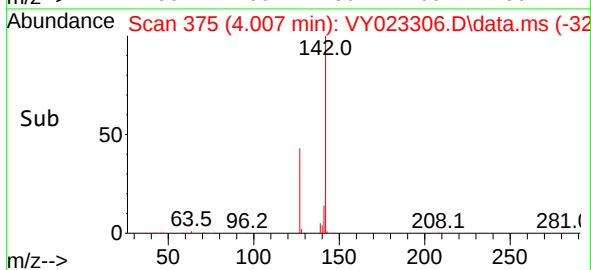
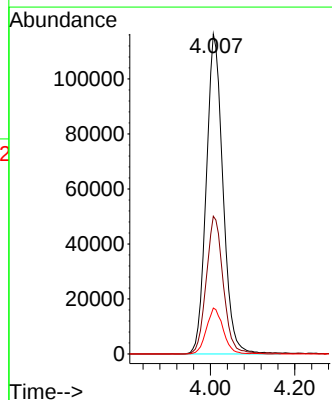
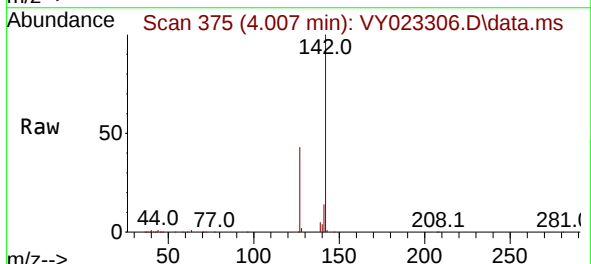
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

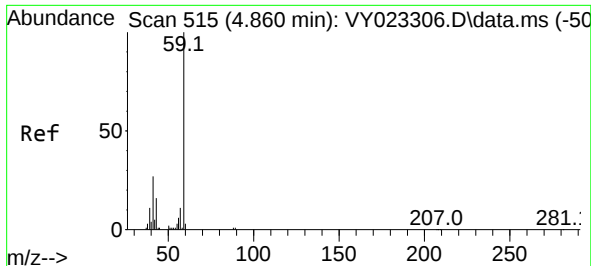
Tgt Ion:101 Resp: 247430
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.2
151 80.3 64.2 96.4



#10
Methyl Iodide
Concen: 53.125 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion:142 Resp: 320240
Ion Ratio Lower Upper
142 100
127 43.8 35.0 52.6
141 14.3 11.4 17.2

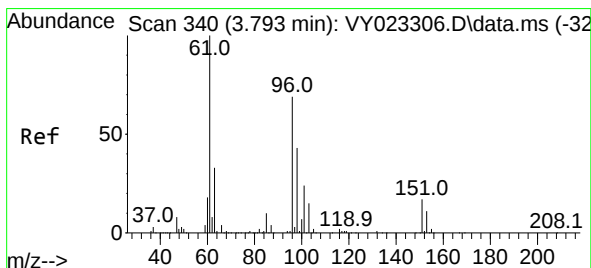
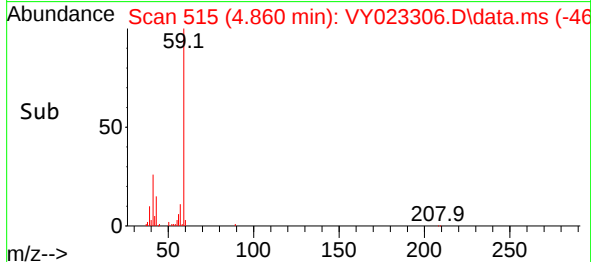
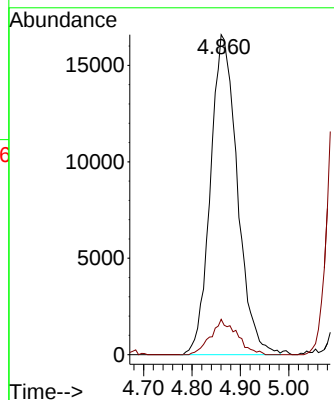
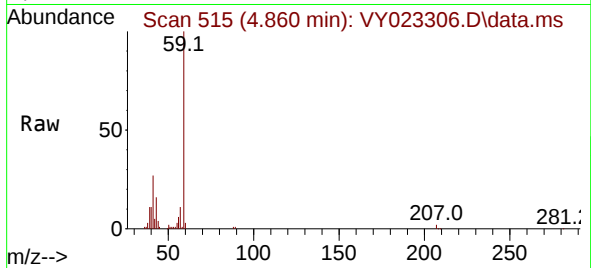




#11
Tert butyl alcohol
Concen: 240.194 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

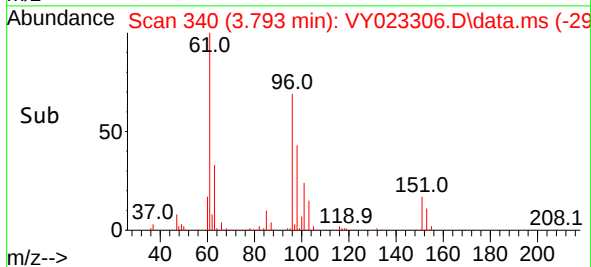
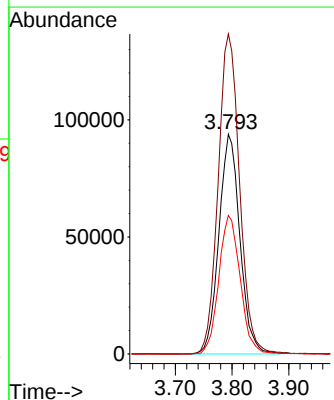
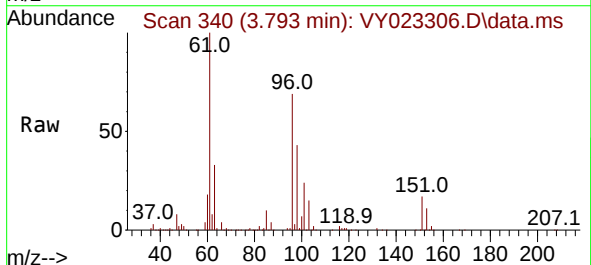
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

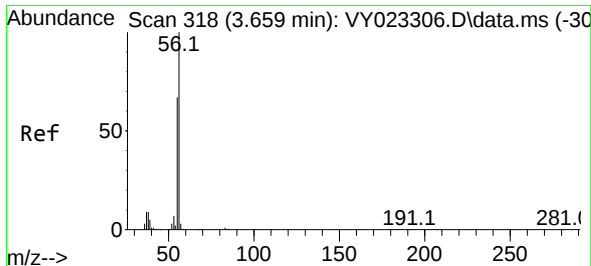
Tgt Ion: 59 Resp: 64196
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.526 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 96 Resp: 241227
Ion Ratio Lower Upper
96 100
61 145.7 116.6 174.8
98 63.1 50.5 75.7

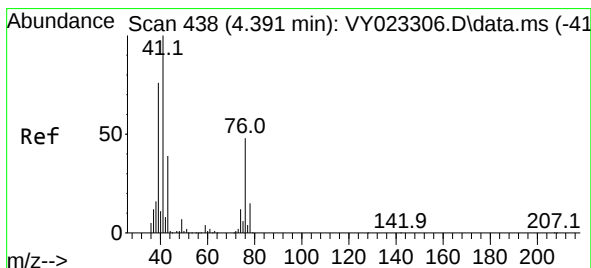
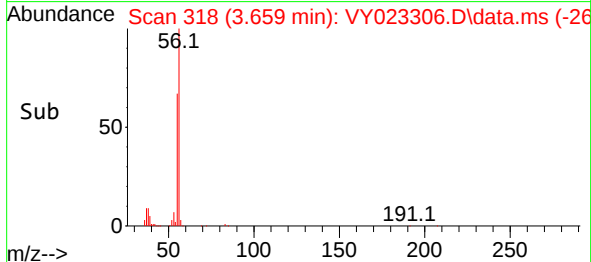
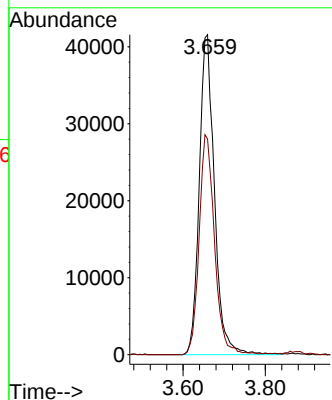
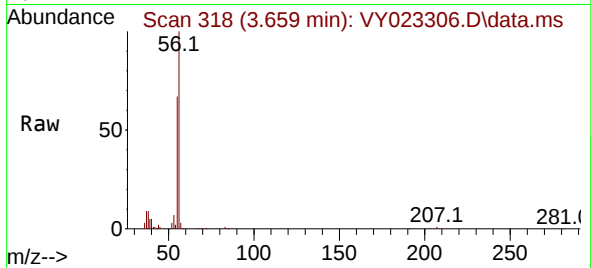




#13
Acrolein
Concen: 235.190 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

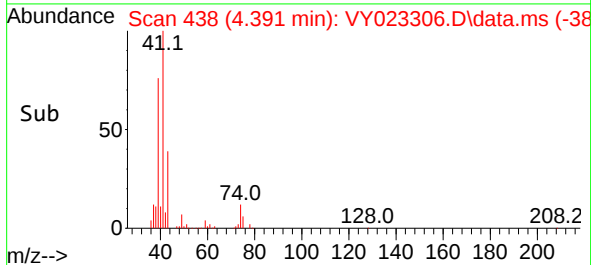
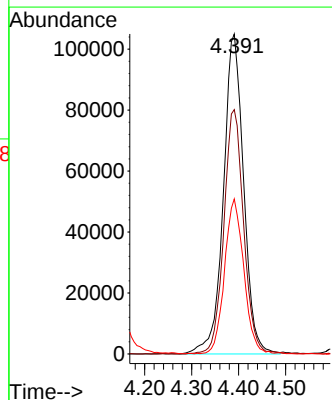
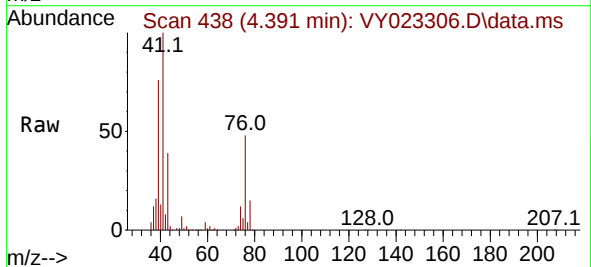
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

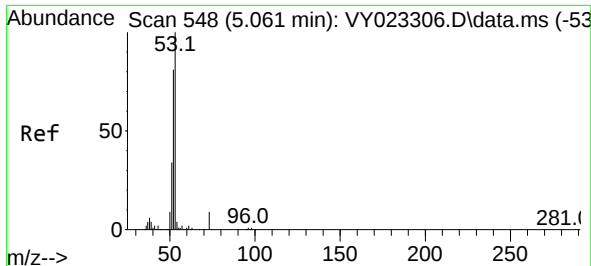
Tgt Ion: 56 Resp: 106268
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1



#14
Allyl chloride
Concen: 50.033 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 41 Resp: 314185
Ion Ratio Lower Upper
41 100
39 74.7 59.8 89.6
76 45.8 36.6 55.0

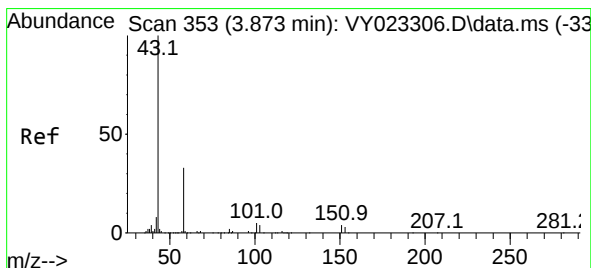
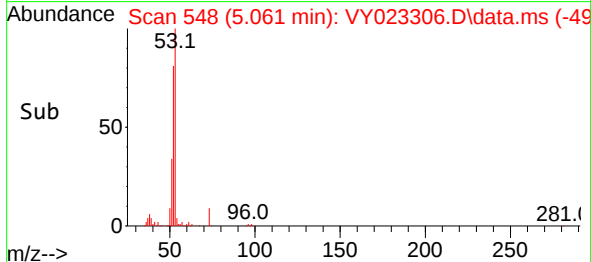
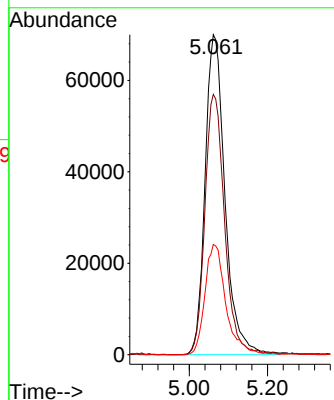
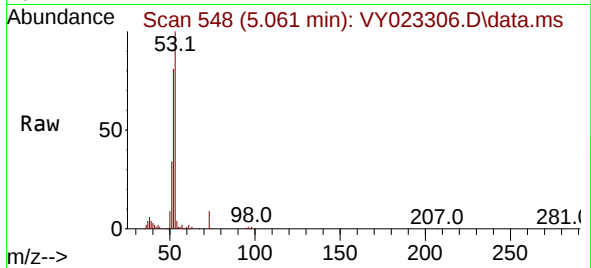




#15
Acrylonitrile
Concen: 246.345 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

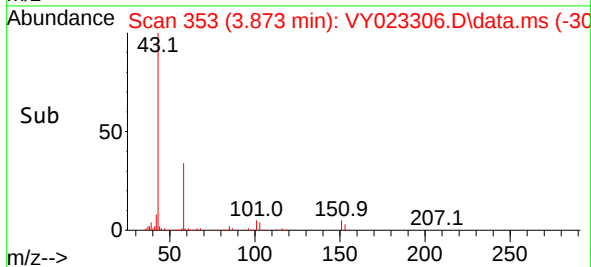
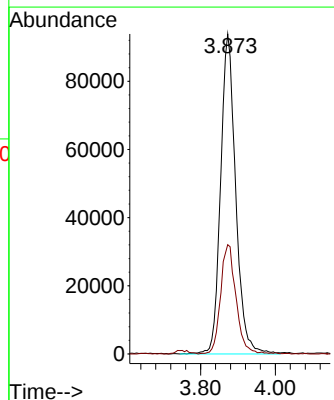
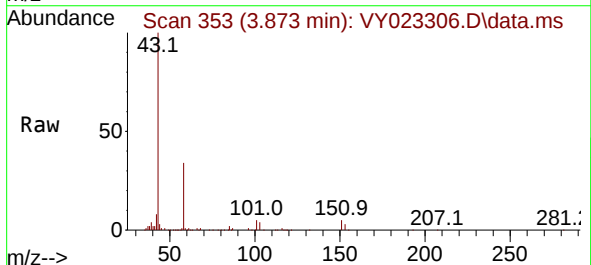
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

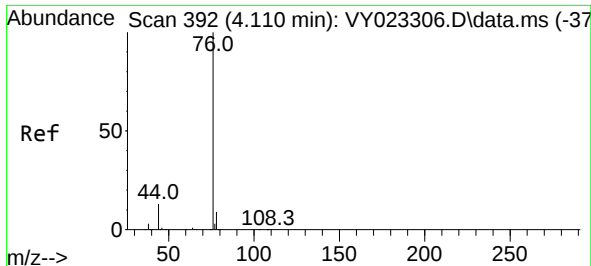
Tgt Ion: 53 Resp: 246560
Ion Ratio Lower Upper
53 100
52 80.3 64.2 96.4
51 36.3 29.0 43.6



#16
Acetone
Concen: 249.707 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 43 Resp: 263093
Ion Ratio Lower Upper
43 100
58 34.0 27.2 40.8

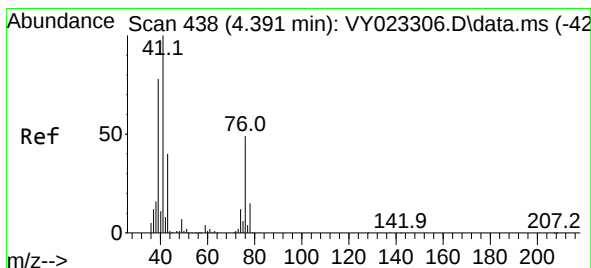
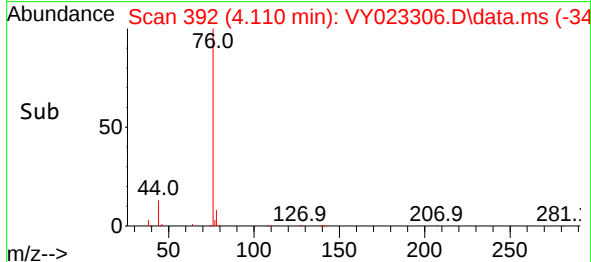
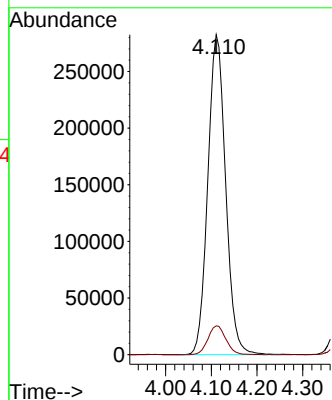
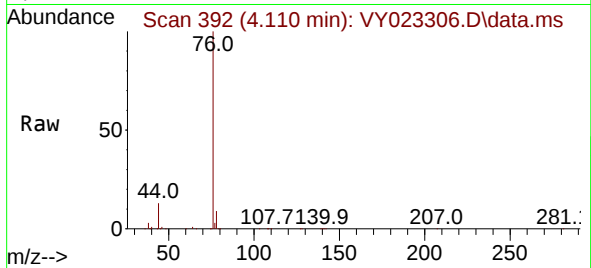




#17
Carbon Disulfide
Concen: 48.571 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

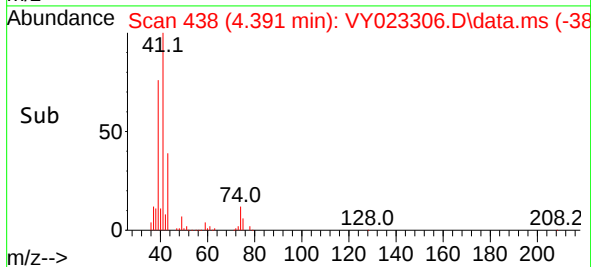
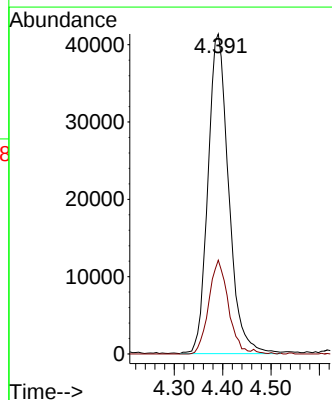
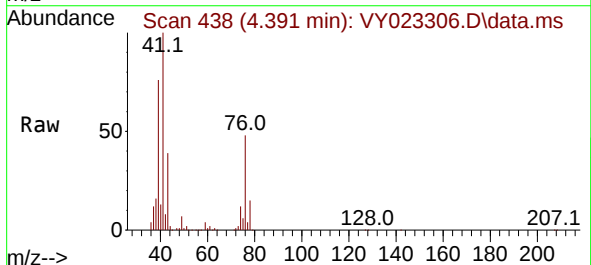
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

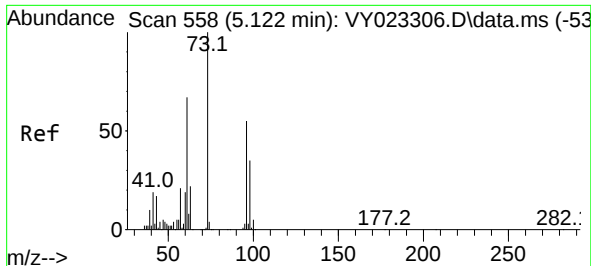
Tgt Ion: 76 Resp: 764425
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 47.543 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 43 Resp: 122876
Ion Ratio Lower Upper
43 100
74 27.7 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 50.466 ug/l

RT: 5.122 min Scan# 558

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

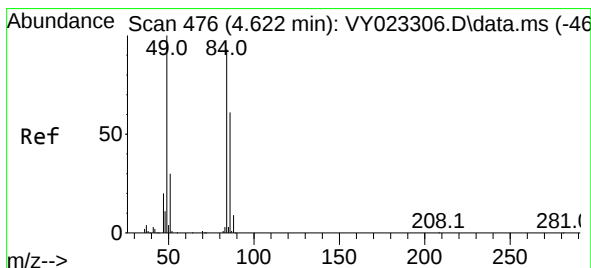
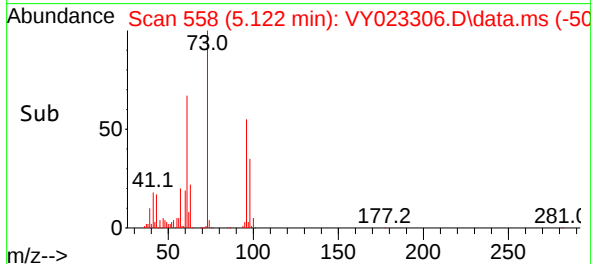
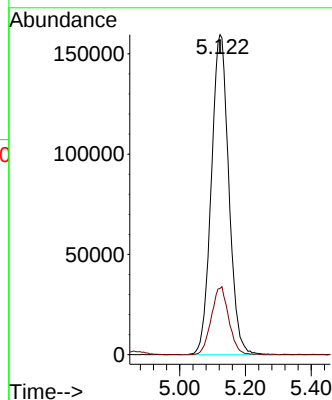
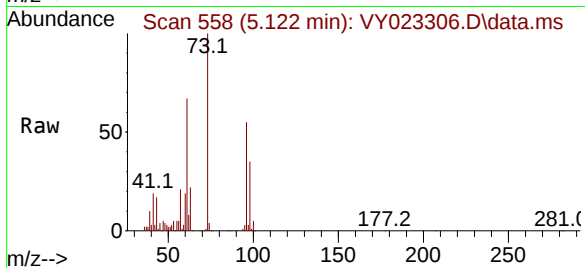
VSTDICCC050

Tgt Ion: 73 Resp: 589871

Ion Ratio Lower Upper

73 100

57 20.7 16.6 24.8



#20

Methylene Chloride

Concen: 46.970 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Tgt Ion: 84 Resp: 264766

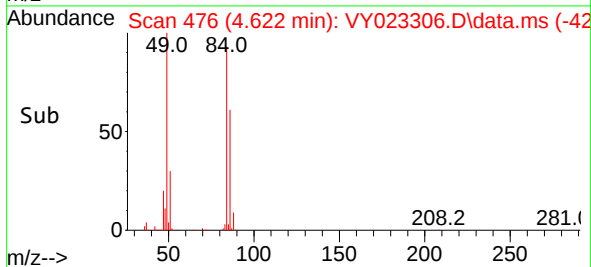
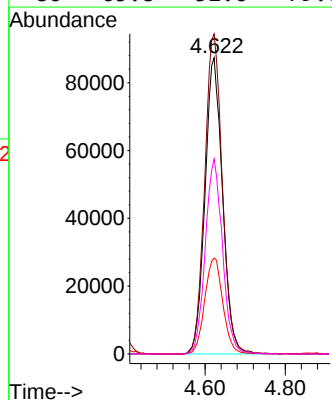
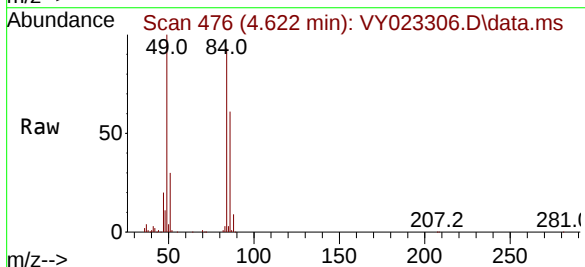
Ion Ratio Lower Upper

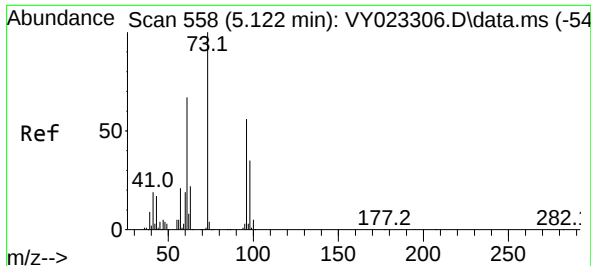
84 100

49 108.0 86.4 129.6

51 32.4 25.9 38.9

86 65.8 52.6 79.0

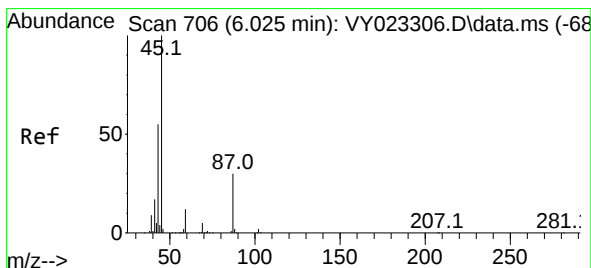
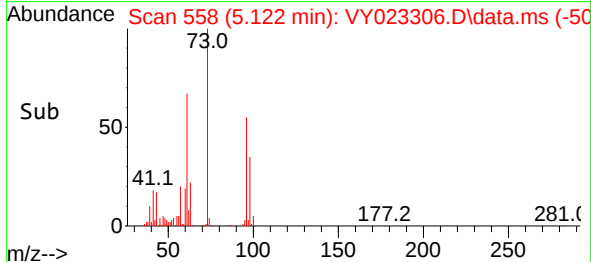
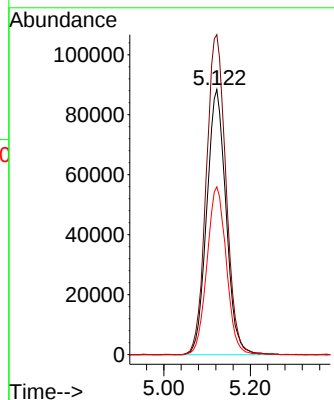
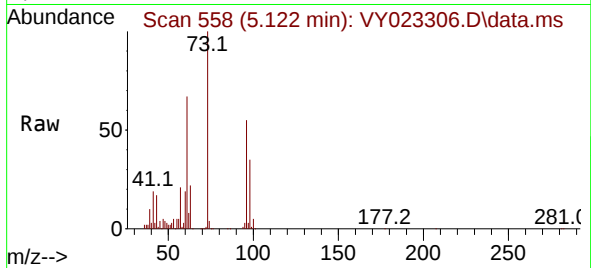




#21
trans-1,2-Dichloroethene
Concen: 49.219 ug/l
RT: 5.122 min Scan# 558
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

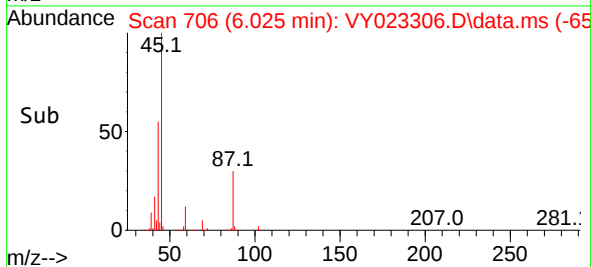
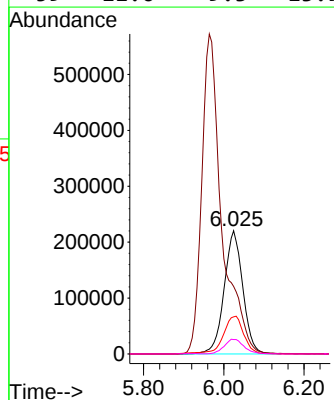
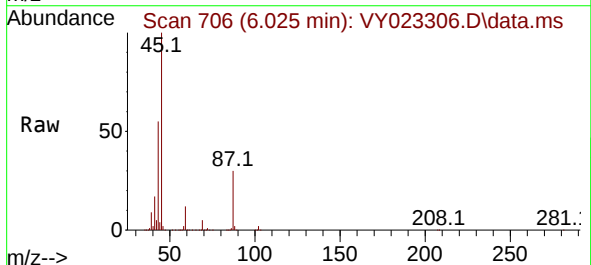
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

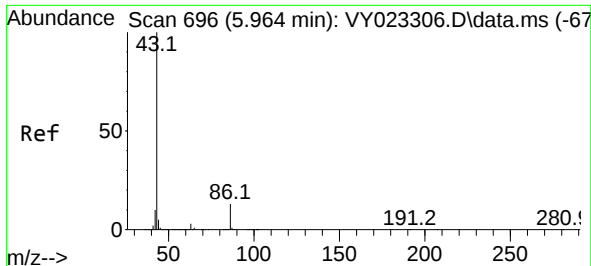
Tgt Ion: 96 Resp: 273371
Ion Ratio Lower Upper
96 100
61 120.7 96.6 144.8
98 63.3 50.6 76.0



#22
Diisopropyl ether
Concen: 50.959 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 45 Resp: 712660
Ion Ratio Lower Upper
45 100
43 54.7 43.8 65.6
87 30.1 24.1 36.1
59 11.6 9.3 13.9

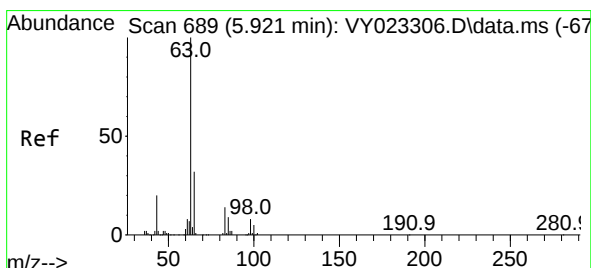
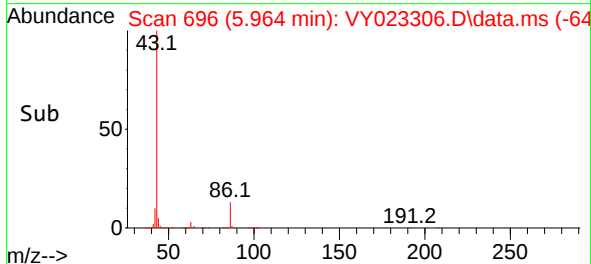
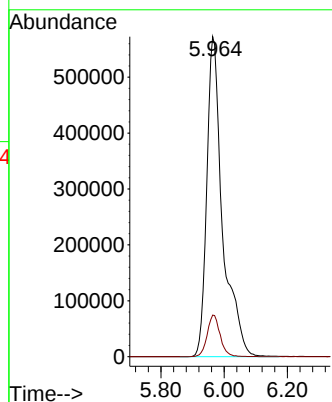
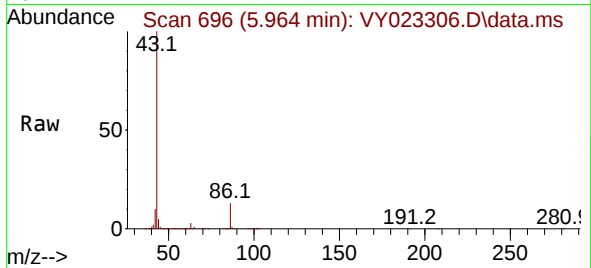




#23
 Vinyl Acetate
 Concen: 256.951 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023306.D
 Acq: 08 Sep 2025 11:23

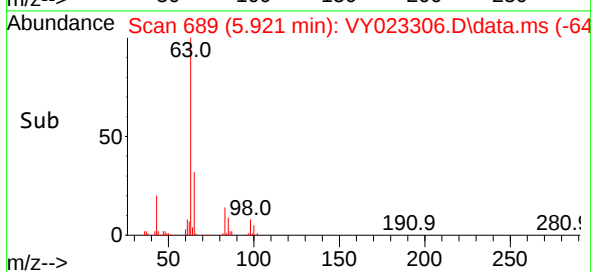
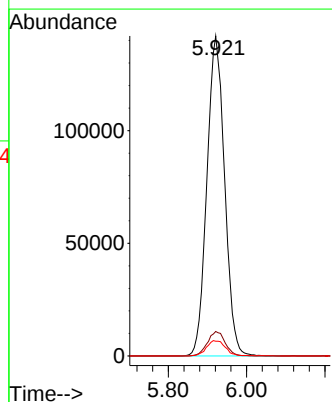
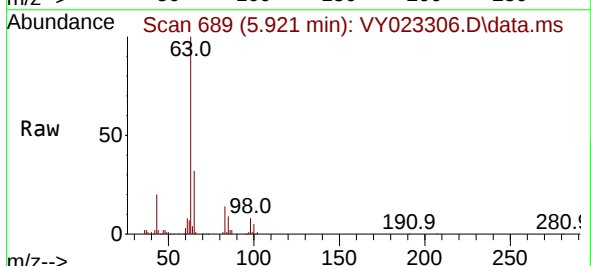
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

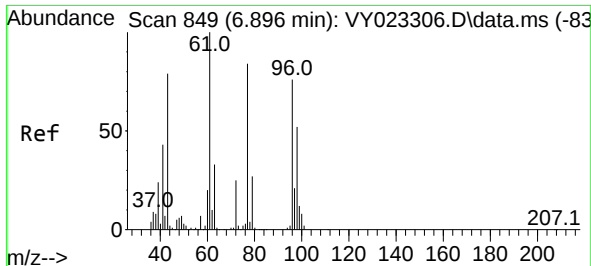
Tgt Ion: 43 Resp: 1986591
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.4 15.6



#24
 1,1-Dichloroethane
 Concen: 48.594 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY023306.D
 Acq: 08 Sep 2025 11:23

Tgt Ion: 63 Resp: 444491
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 4.6 2.3 6.9

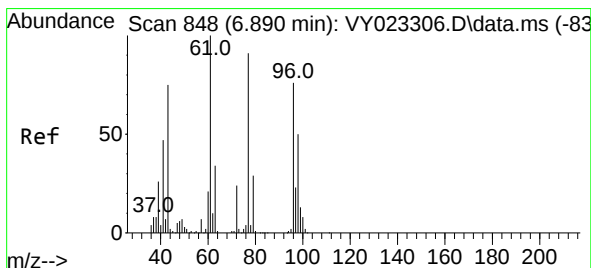
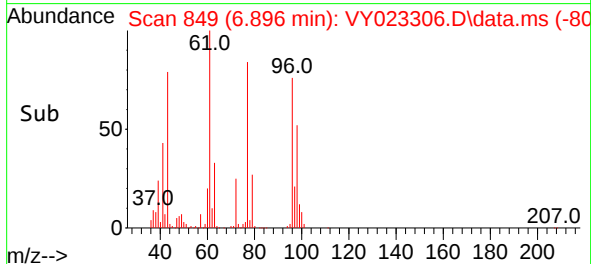
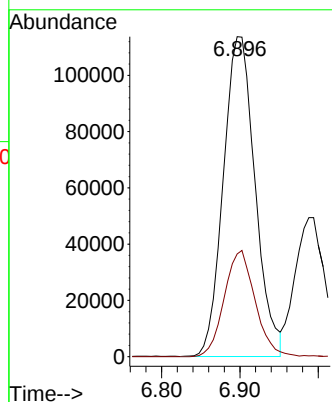
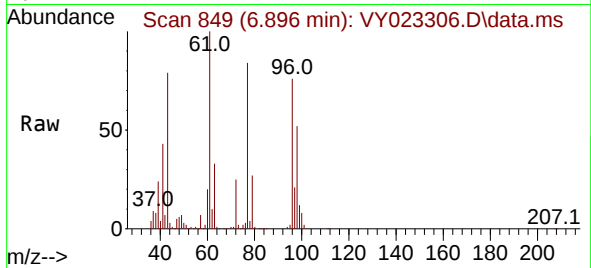




#25
2-Butanone
Concen: 247.689 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

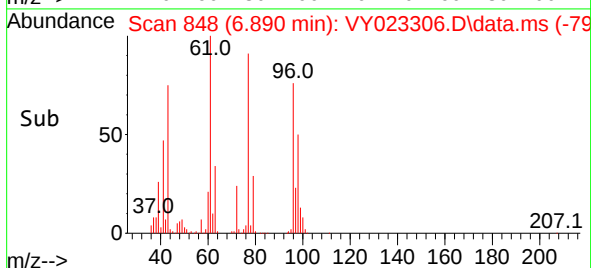
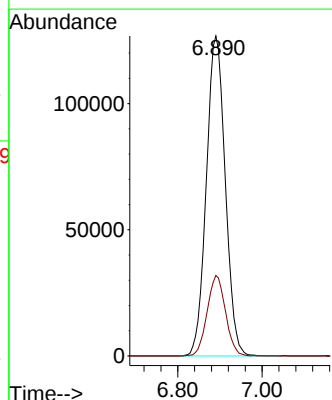
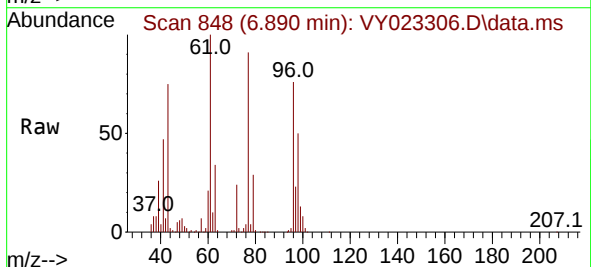
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

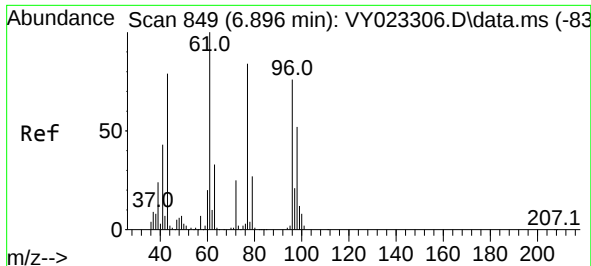
Tgt Ion: 43 Resp: 321192
Ion Ratio Lower Upper
43 100
72 32.1 25.7 38.5



#26
2,2-Dichloropropane
Concen: 49.007 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 77 Resp: 395813
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 49.545 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

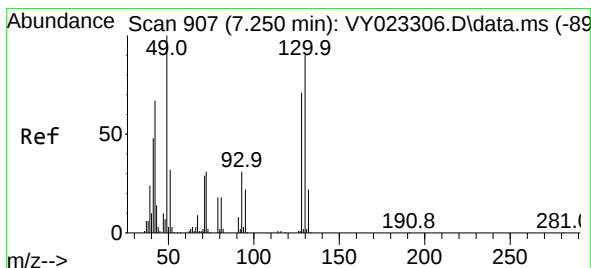
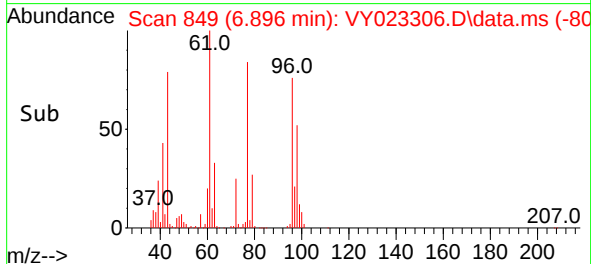
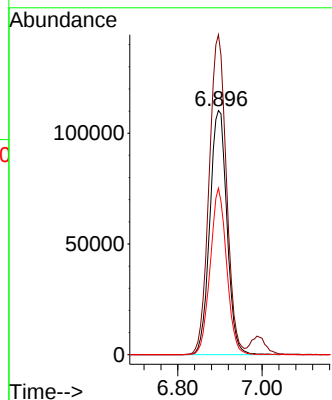
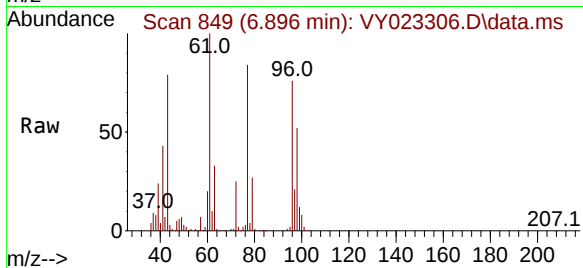
Tgt Ion: 96 Resp: 311626

Ion Ratio Lower Upper

96 100

61 132.0 0.0 264.0

98 65.3 0.0 130.6



#28

Bromochloromethane

Concen: 48.051 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

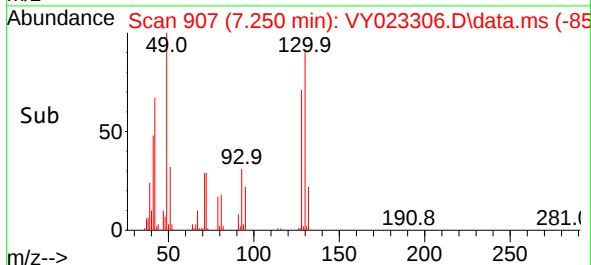
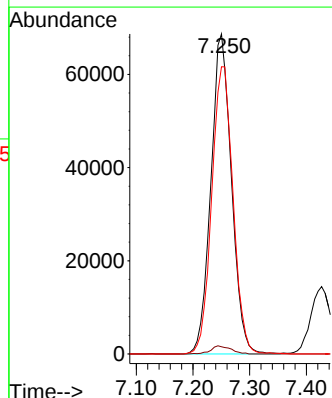
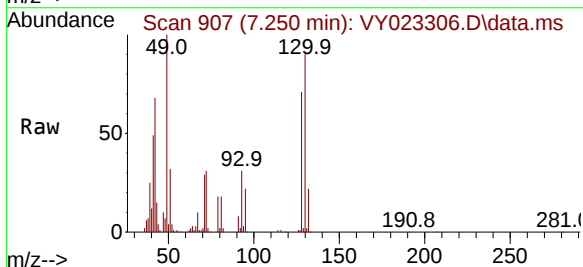
Tgt Ion: 49 Resp: 172947

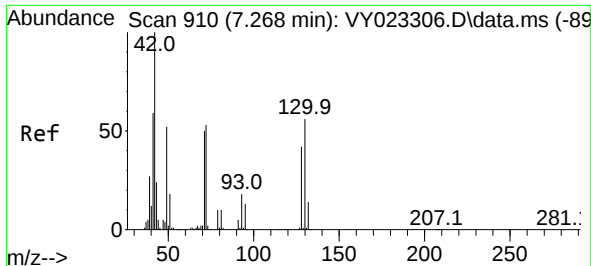
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 92.9 74.3 111.5





#29

Tetrahydrofuran

Concen: 251.078 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

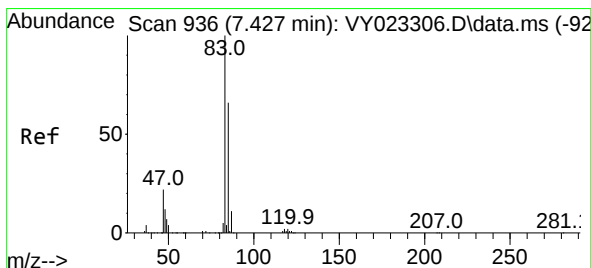
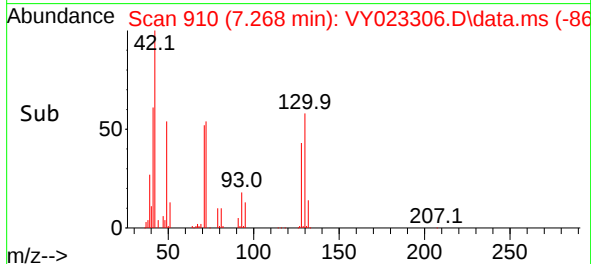
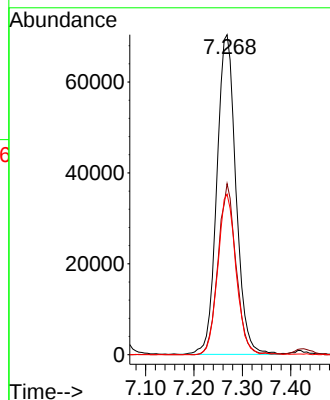
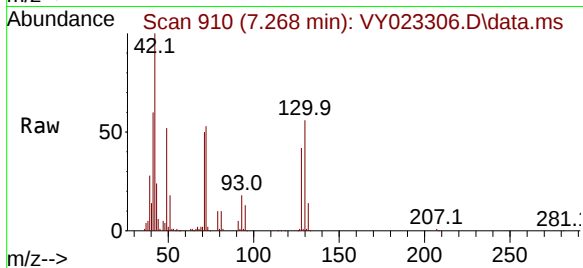
Tgt Ion: 42 Resp: 193120

Ion Ratio Lower Upper

42 100

72 50.5 40.4 60.6

71 48.1 38.5 57.7



#30

Chloroform

Concen: 48.571 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023306.D

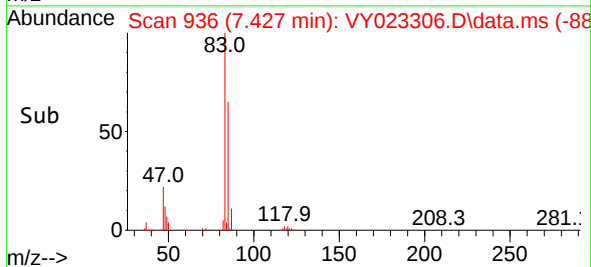
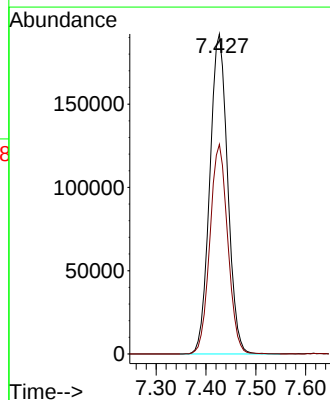
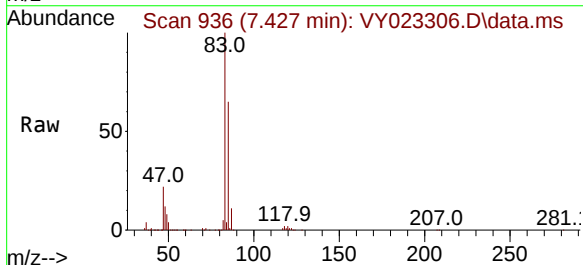
Acq: 08 Sep 2025 11:23

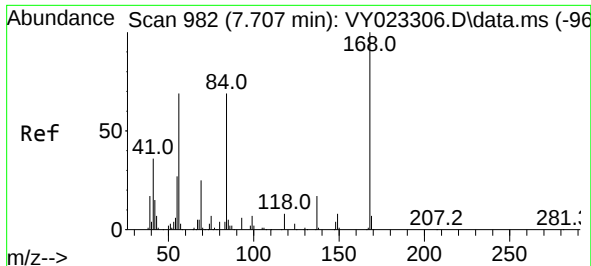
Tgt Ion: 83 Resp: 477370

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6

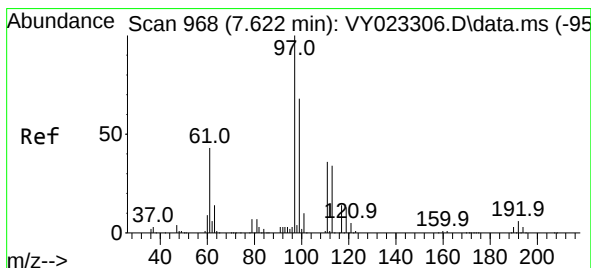
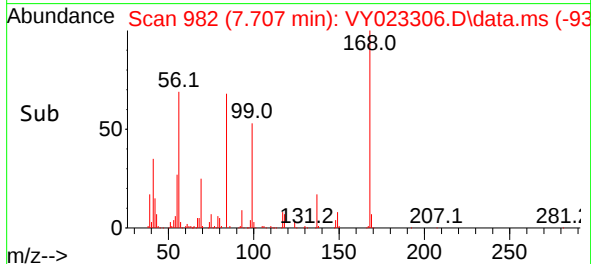
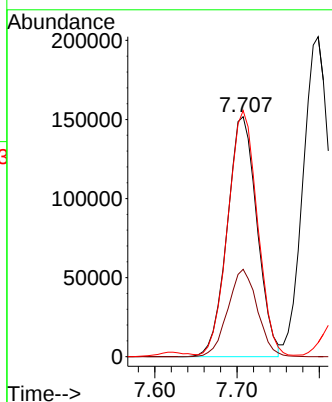
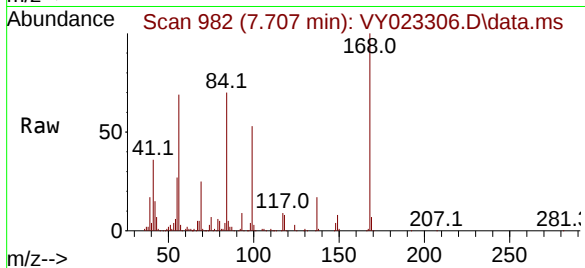




#31
Cyclohexane
Concen: 47.314 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

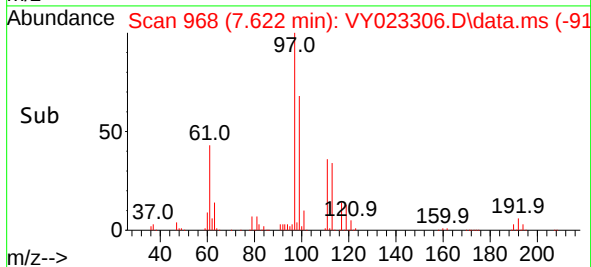
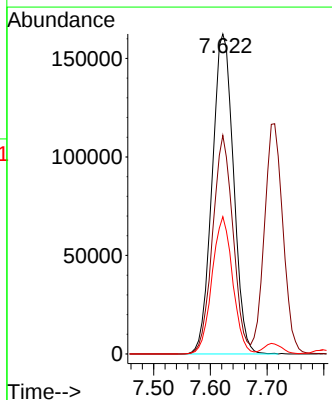
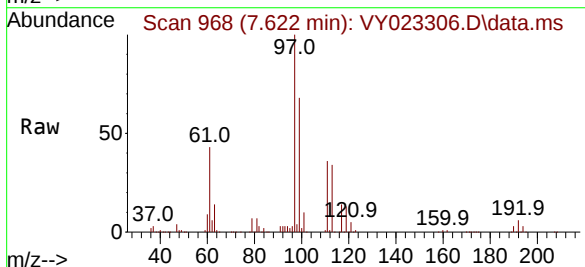
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

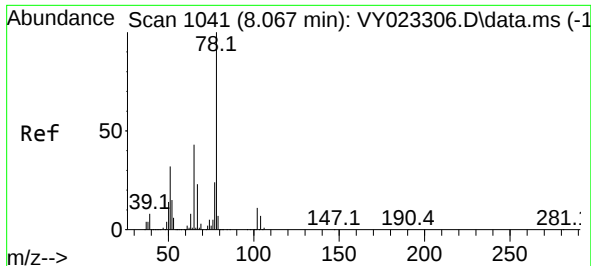
Tgt Ion: 56 Resp: 382977
Ion Ratio Lower Upper
56 100
69 36.4 29.1 43.7
84 100.9 80.7 121.1



#32
1,1,1-Trichloroethane
Concen: 48.403 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 97 Resp: 425024
Ion Ratio Lower Upper
97 100
99 65.3 52.2 78.4
61 41.5 33.2 49.8





#33

1,2-Dichloroethane-d4

Concen: 48.911 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

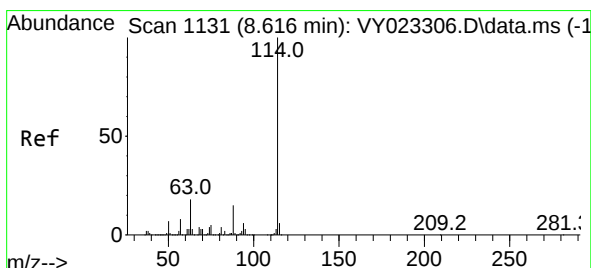
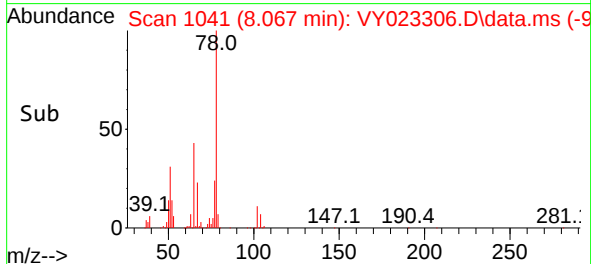
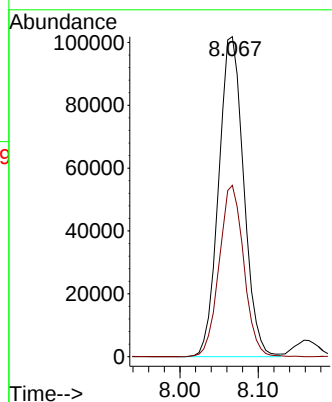
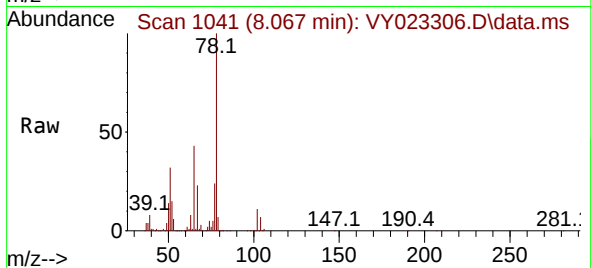
VSTDICCC050

Tgt Ion: 65 Resp: 226238

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

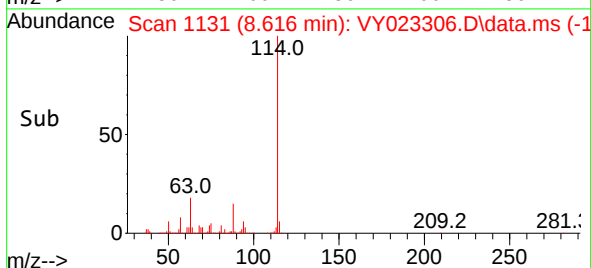
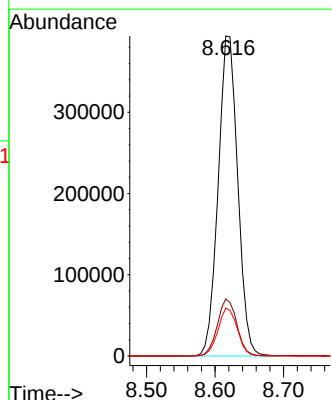
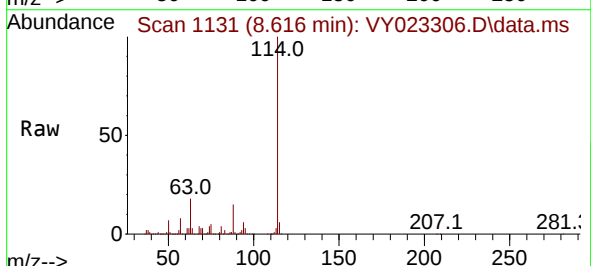
Tgt Ion: 114 Resp: 778902

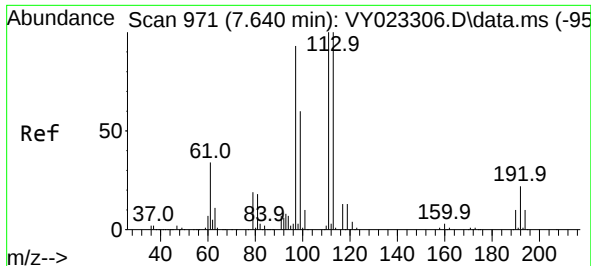
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.8

88 14.9 0.0 29.8

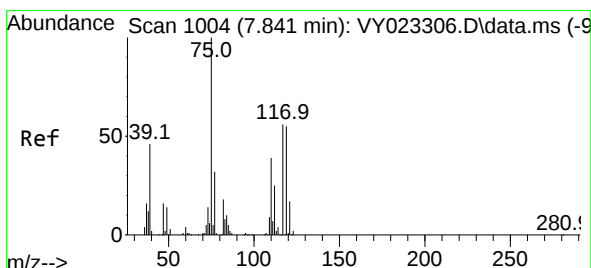
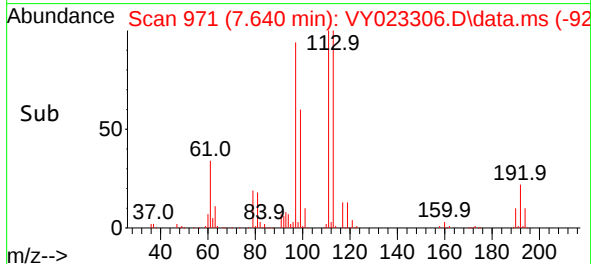
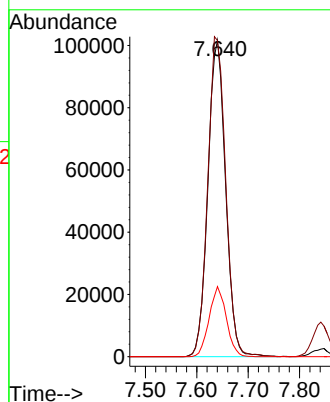
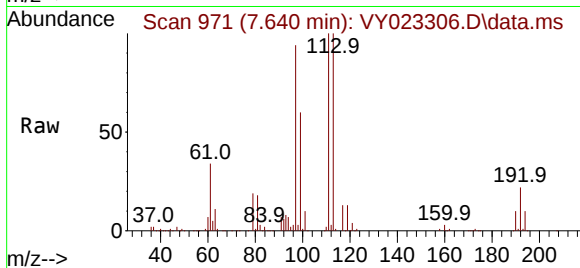




#35
Dibromofluoromethane
Concen: 50.990 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

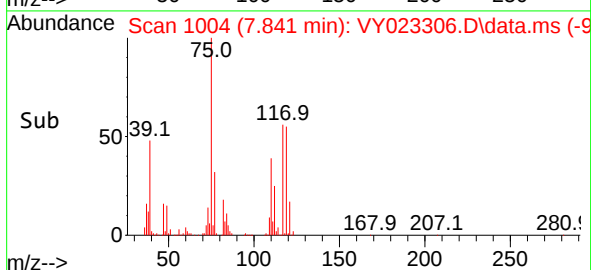
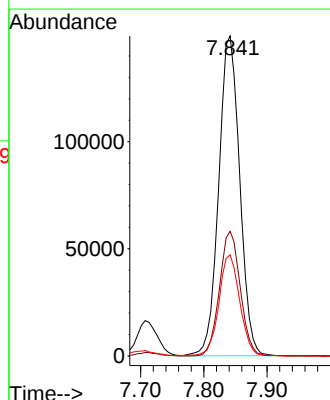
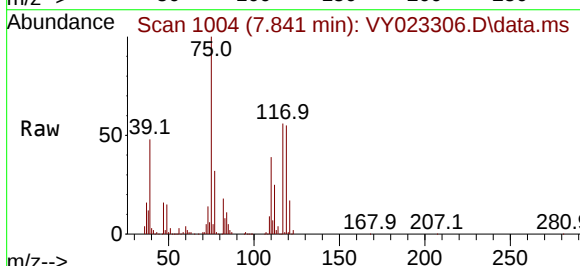
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

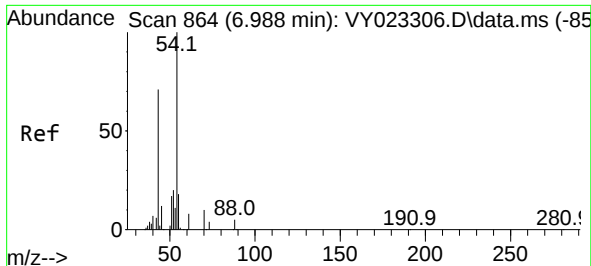
Tgt Ion:113 Resp: 242771
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 50.613 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 75 Resp: 343220
Ion Ratio Lower Upper
75 100
110 38.6 19.3 57.9
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 50.163 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

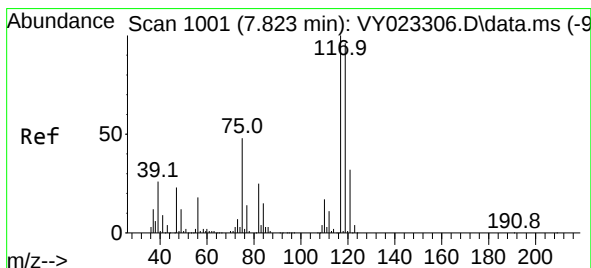
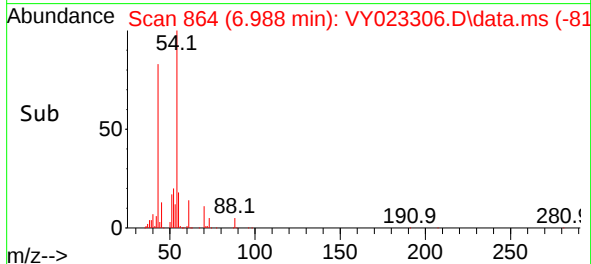
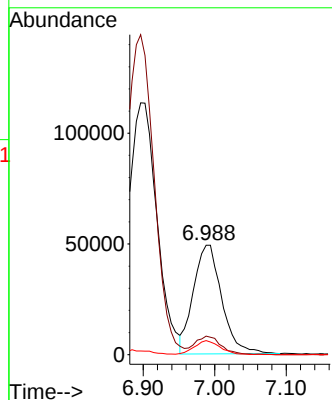
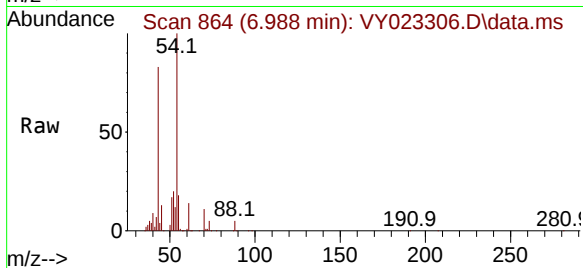
Tgt Ion: 43 Resp: 135316

Ion Ratio Lower Upper

43 100

61 16.1 12.9 19.3

70 11.4 9.1 13.7



#38

Carbon Tetrachloride

Concen: 50.167 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

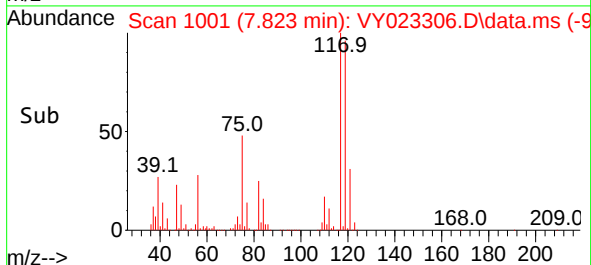
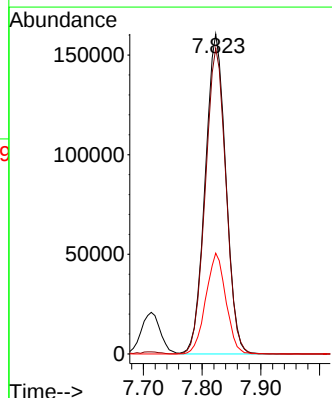
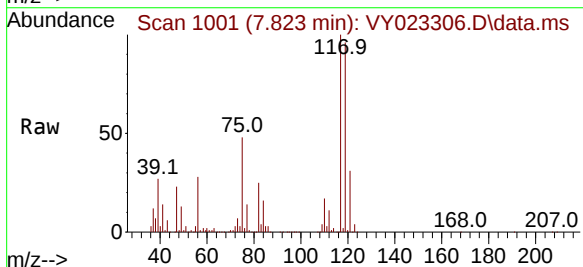
Tgt Ion: 117 Resp: 391444

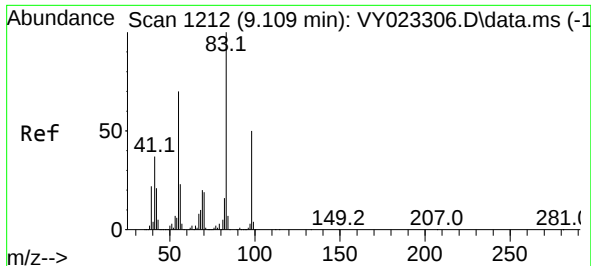
Ion Ratio Lower Upper

117 100

119 95.6 76.5 114.7

121 31.5 25.2 37.8





#39

Methylcyclohexane

Concen: 52.073 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

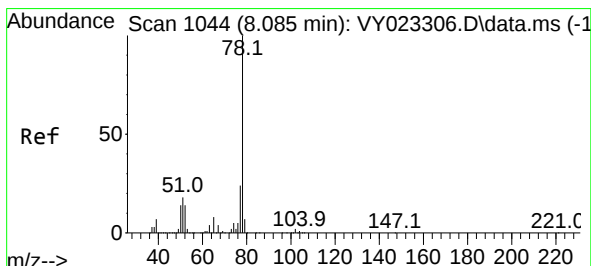
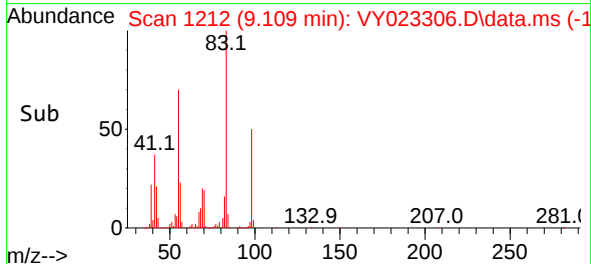
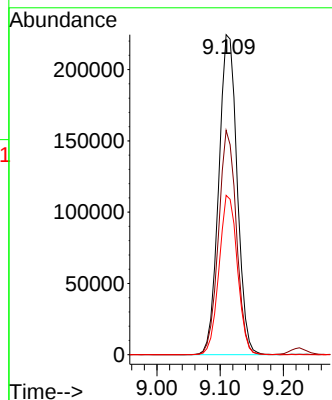
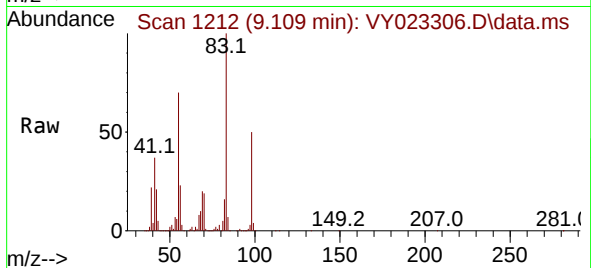
Tgt Ion: 83 Resp: 451750

Ion Ratio Lower Upper

83 100

55 70.1 56.1 84.1

98 49.8 39.8 59.8



#40

Benzene

Concen: 50.603 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023306.D

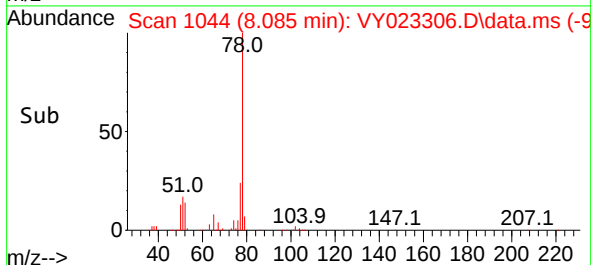
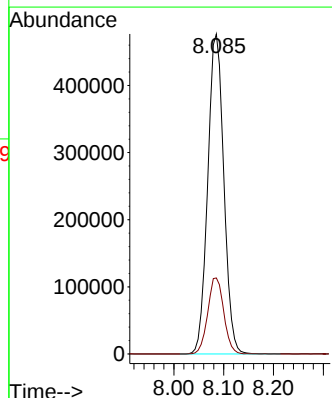
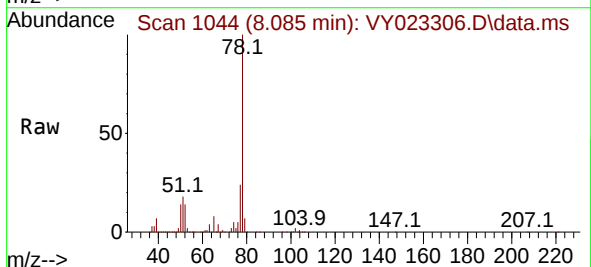
Acq: 08 Sep 2025 11:23

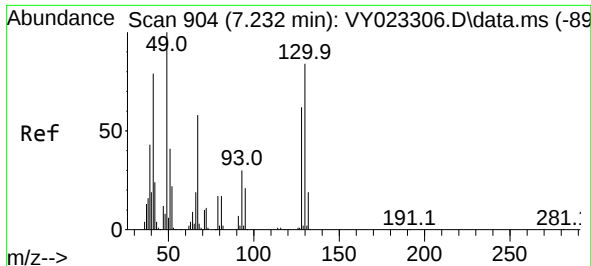
Tgt Ion: 78 Resp: 1066603

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

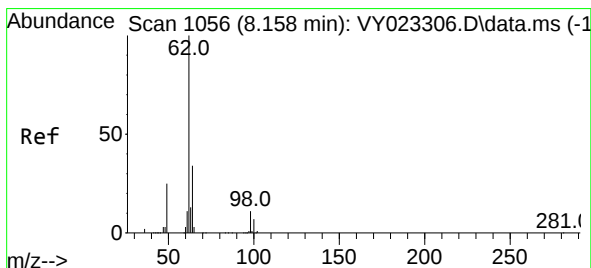
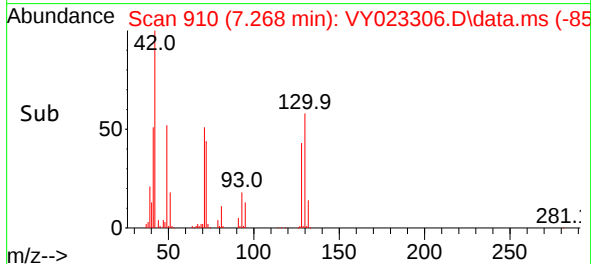
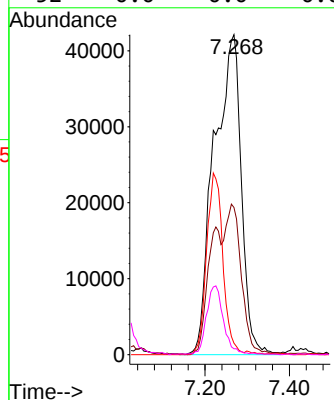
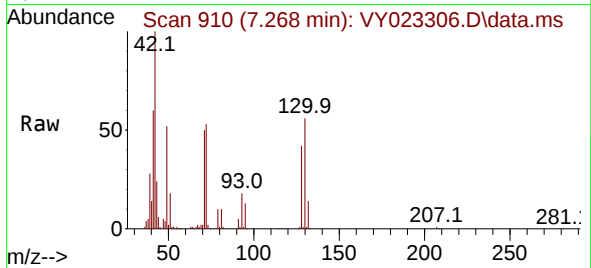




#41
Methacrylonitrile
Concen: 125.107 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.037 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

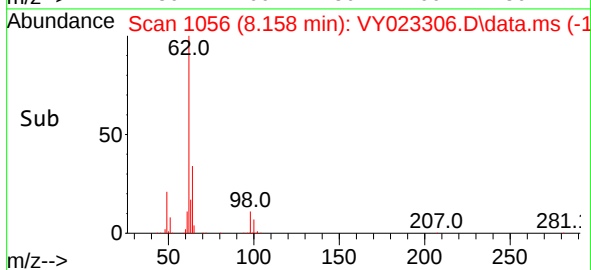
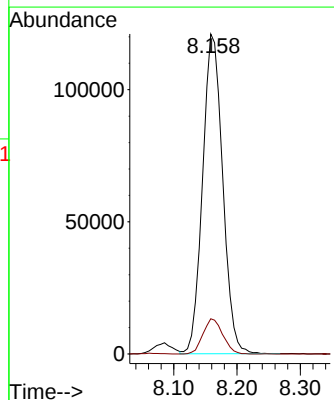
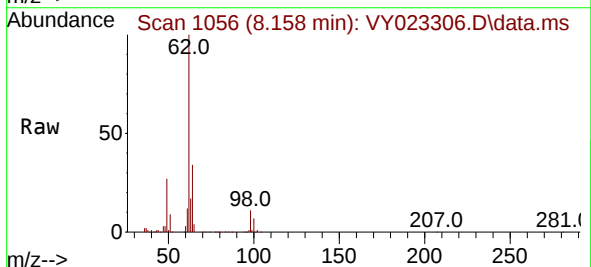
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

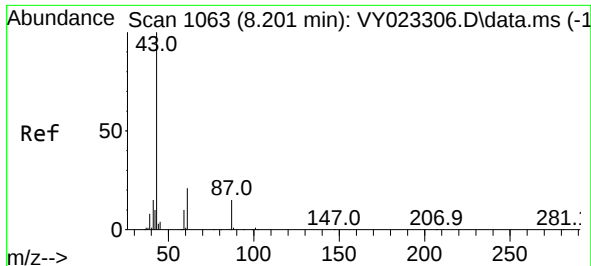
Tgt Ion: 41 Resp: 187505
Ion Ratio Lower Upper
41 100
39 26.3 56.1 84.1#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.914 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 62 Resp: 267863
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.6

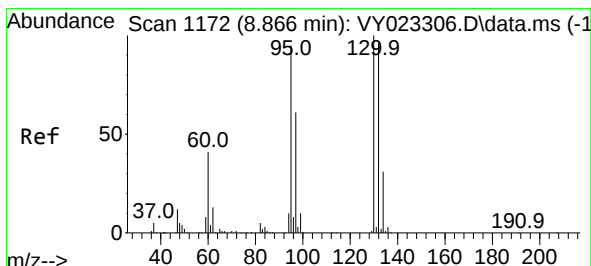
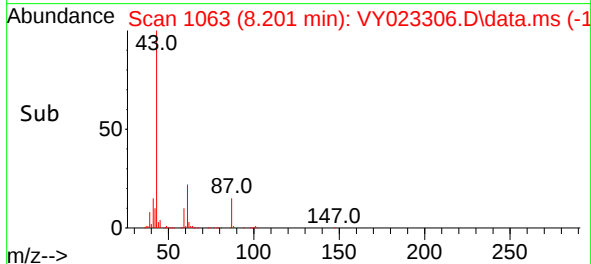
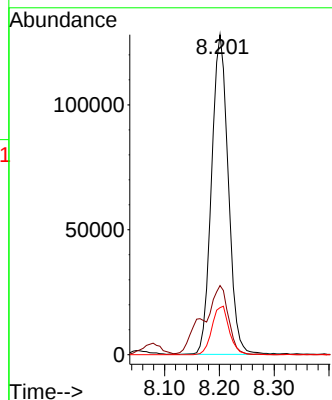
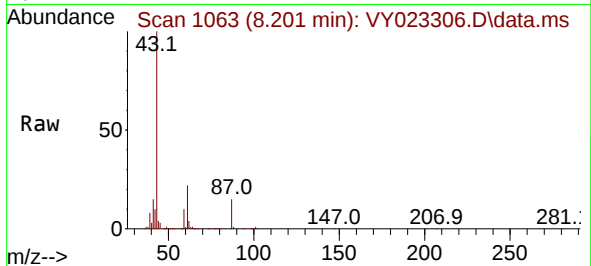




#43
Isopropyl Acetate
Concen: 51.526 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

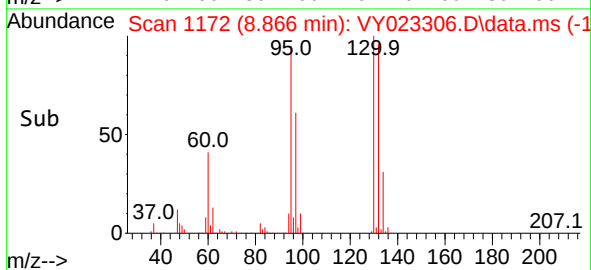
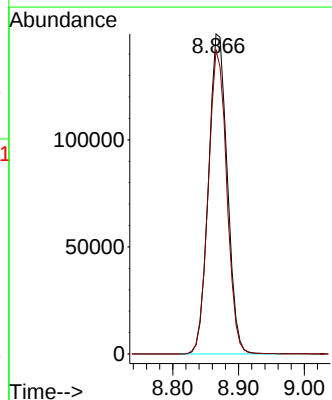
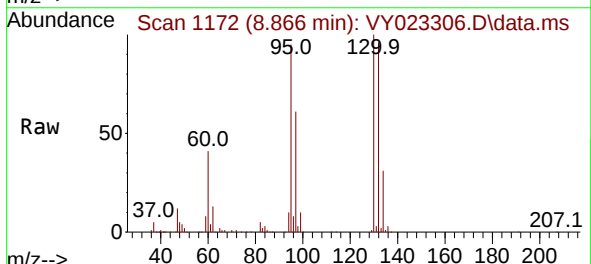
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

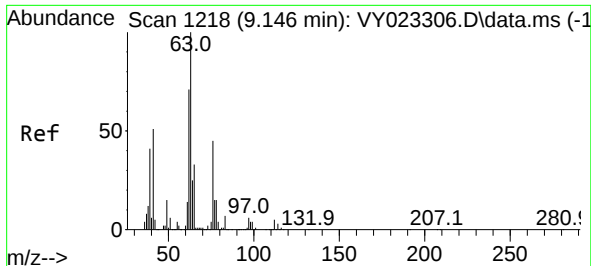
Tgt Ion: 43 Resp: 270339
Ion Ratio Lower Upper
43 100
61 21.4 17.1 25.7
87 15.7 12.6 18.8



#44
Trichloroethene
Concen: 50.530 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion:130 Resp: 296655
Ion Ratio Lower Upper
130 100
95 94.9 0.0 189.8





#45

1,2-Dichloropropane

Concen: 49.932 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

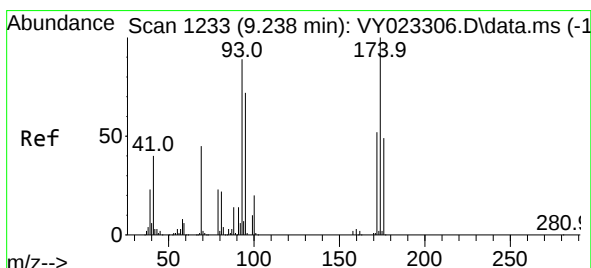
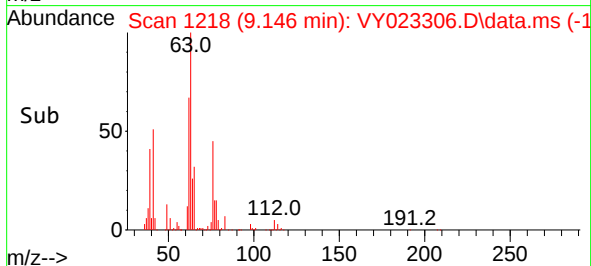
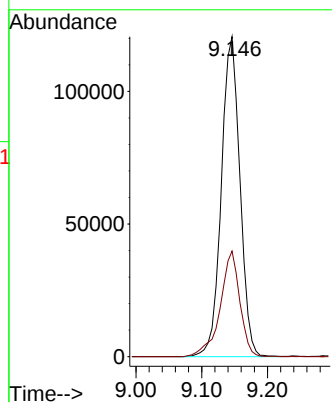
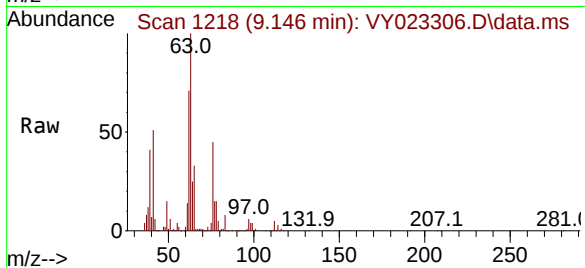
VSTDICCC050

Tgt Ion: 63 Resp: 237691

Ion Ratio Lower Upper

63 100

65 33.0 26.4 39.6



#46

Dibromomethane

Concen: 50.452 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

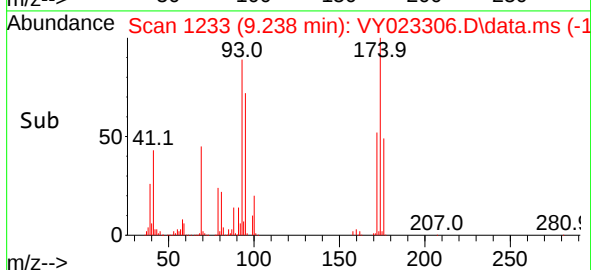
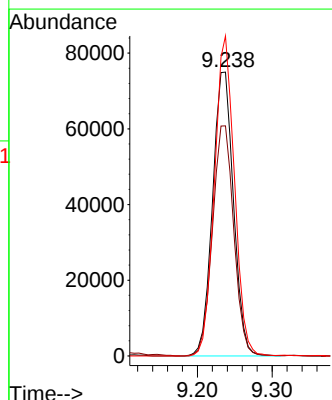
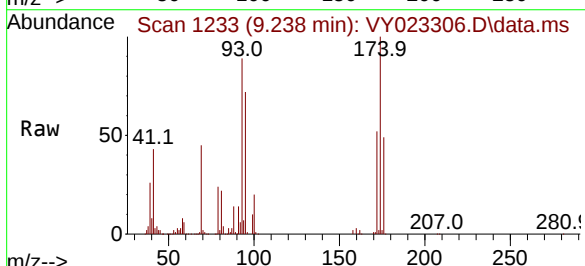
Tgt Ion: 93 Resp: 146260

Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 107.5 86.0 129.0

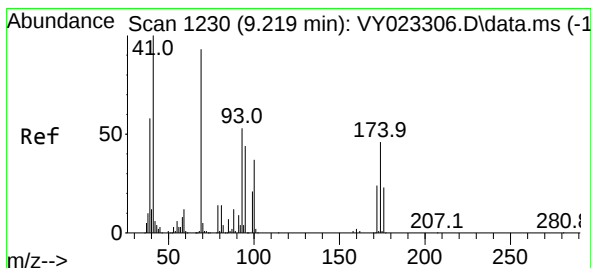
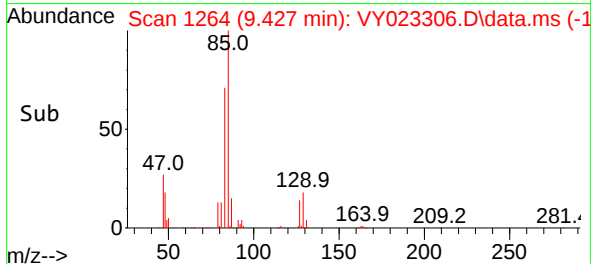
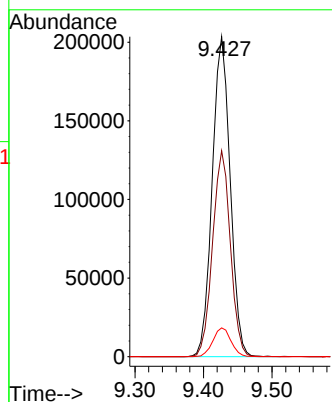
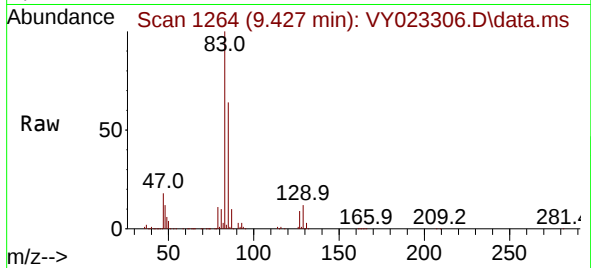




#47
Bromodichloromethane
Concen: 50.602 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

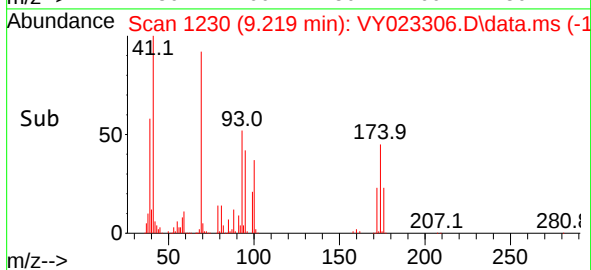
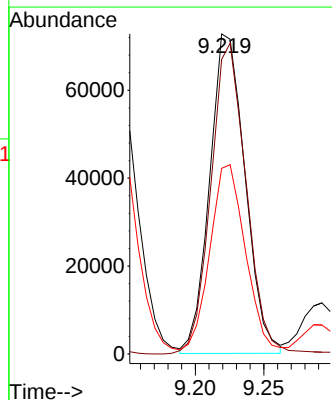
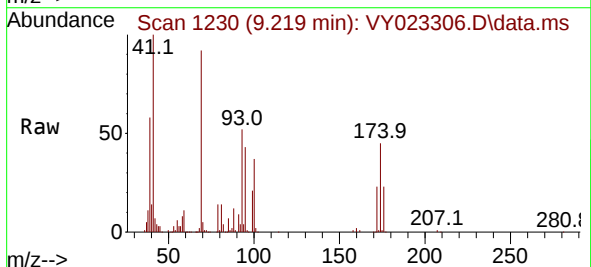
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

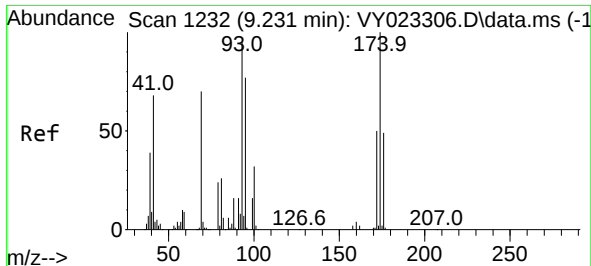
Tgt Ion: 83 Resp: 369052
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3
127 9.0 7.2 10.8



#48
Methyl methacrylate
Concen: 53.403 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 41 Resp: 130598
Ion Ratio Lower Upper
41 100
69 97.3 77.8 116.8
39 57.4 45.9 68.9





#49

1,4-Dioxane

Concen: 1007.857 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

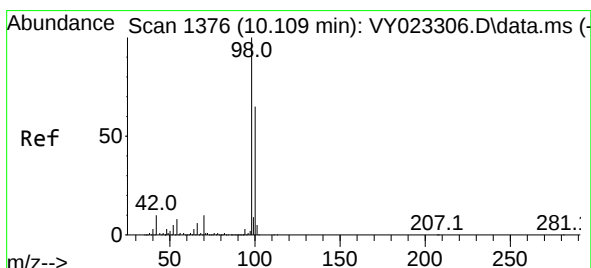
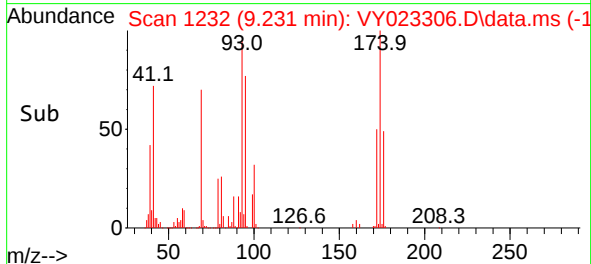
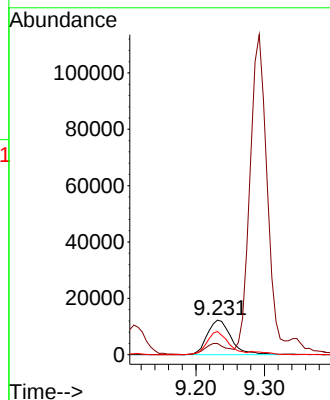
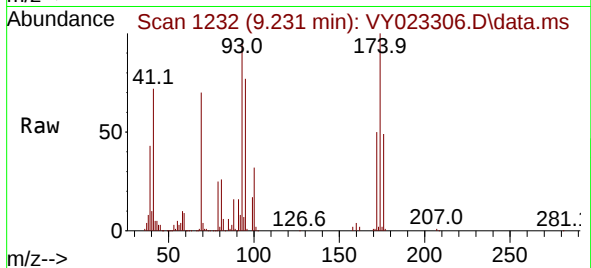
Tgt Ion: 88 Resp: 29659

Ion Ratio Lower Upper

88 100

43 30.8 24.6 37.0

58 60.0 48.0 72.0



#50

Toluene-d8

Concen: 51.445 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023306.D

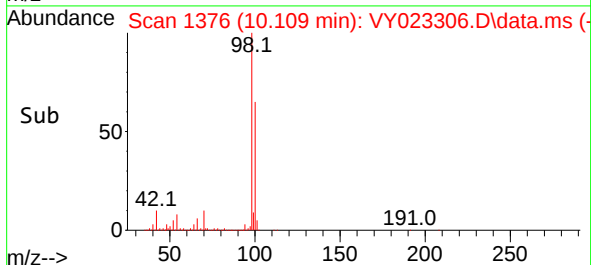
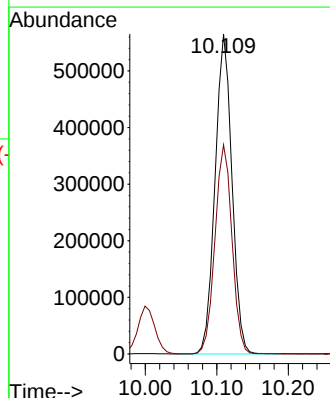
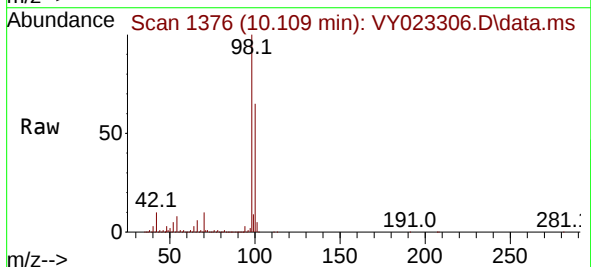
Acq: 08 Sep 2025 11:23

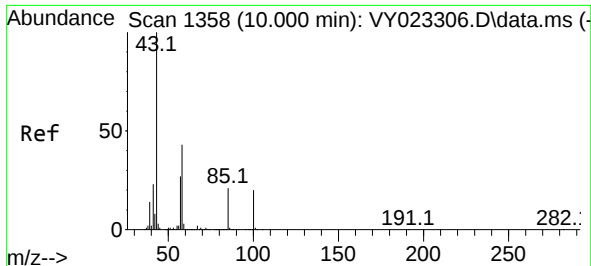
Tgt Ion: 98 Resp: 924895

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1

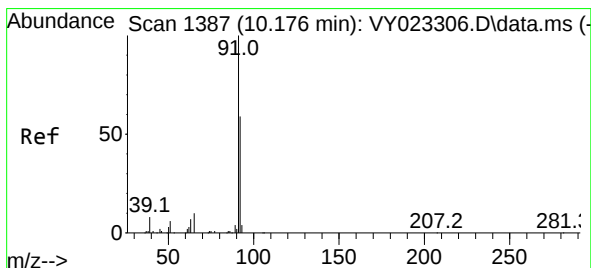
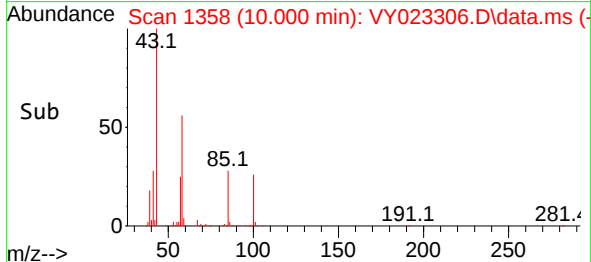
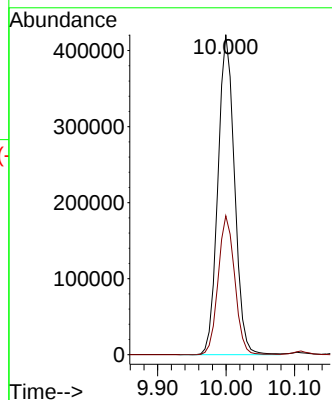
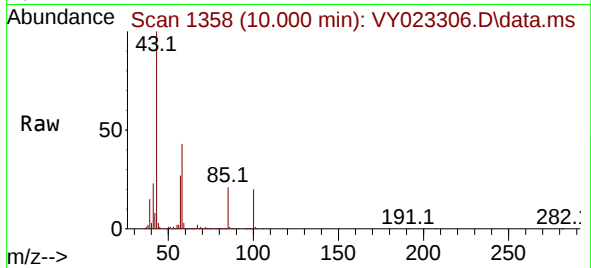




#51
4-Methyl-2-Pentanone
Concen: 262.721 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

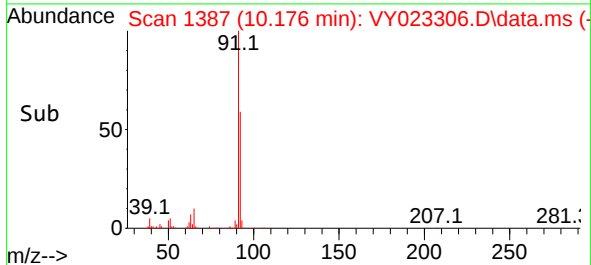
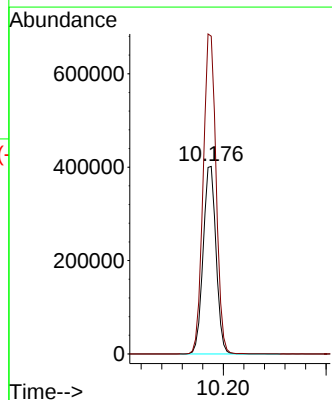
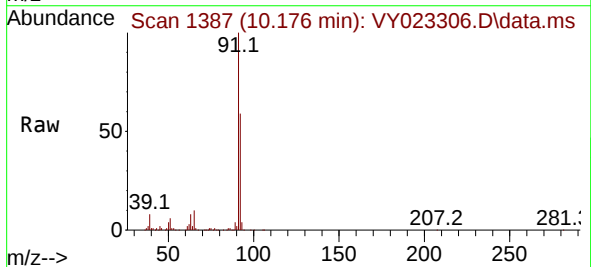
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

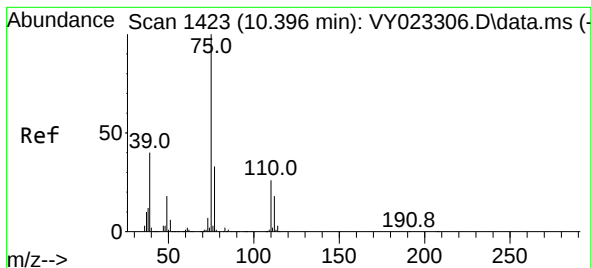
Tgt Ion: 43 Resp: 705200
Ion Ratio Lower Upper
43 100
58 43.3 34.6 52.0



#52
Toluene
Concen: 52.186 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 92 Resp: 698056
Ion Ratio Lower Upper
92 100
91 170.7 136.6 204.8

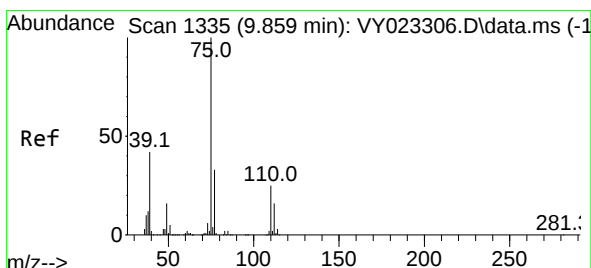
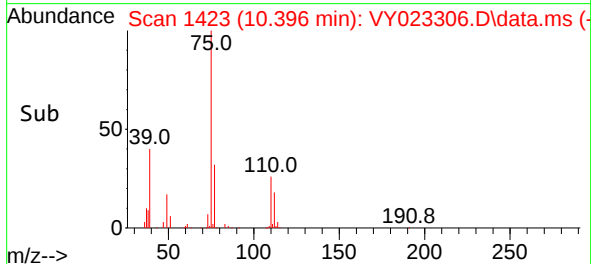
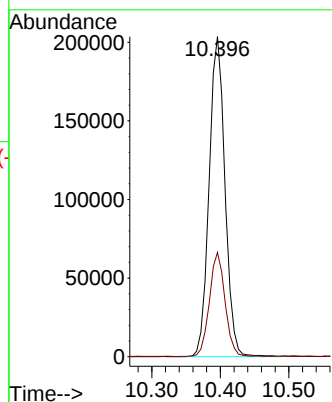
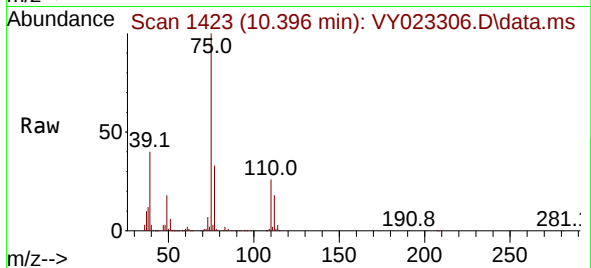




#53
t-1,3-Dichloropropene
Concen: 52.147 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

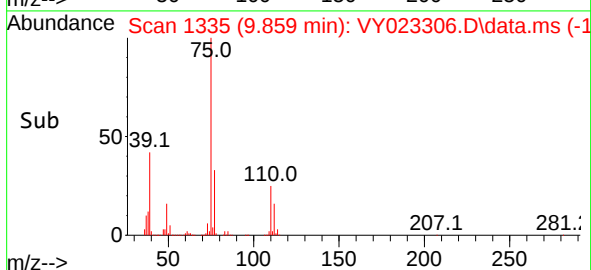
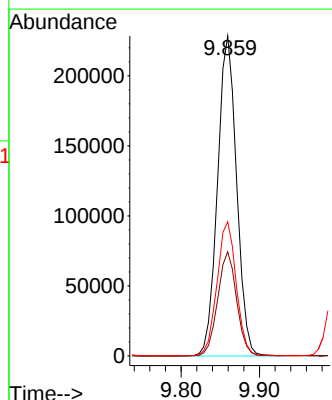
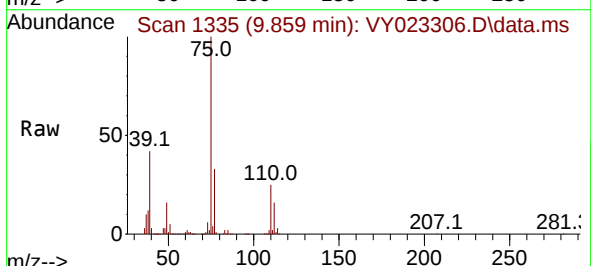
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

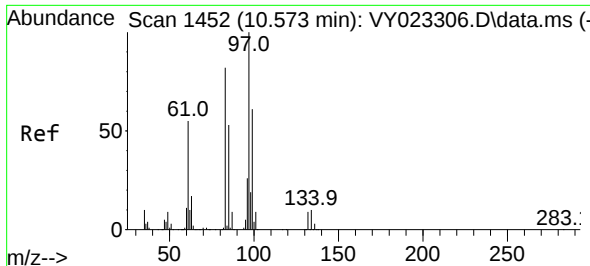
Tgt Ion: 75 Resp: 327439
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 51.543 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 75 Resp: 386725
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 41.9 33.5 50.3

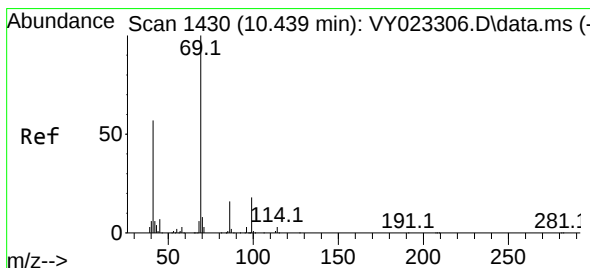
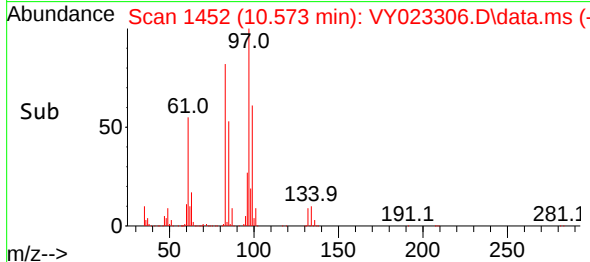
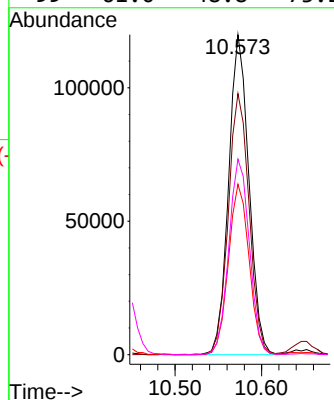
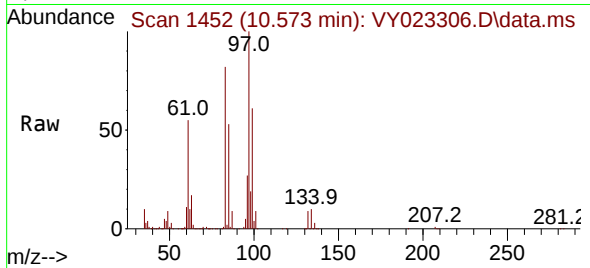




#55
1,1,2-Trichloroethane
Concen: 50.573 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

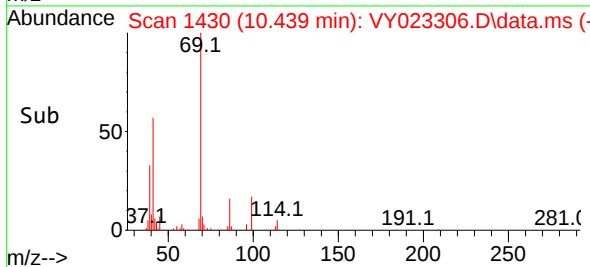
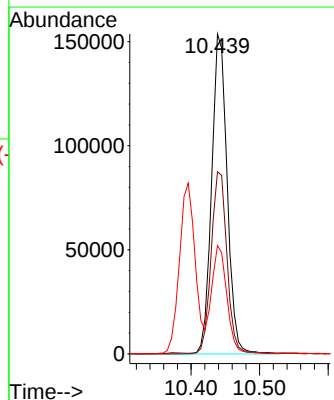
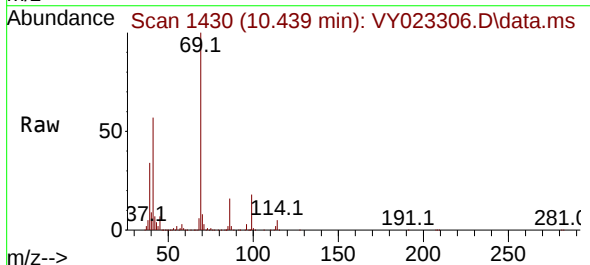
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

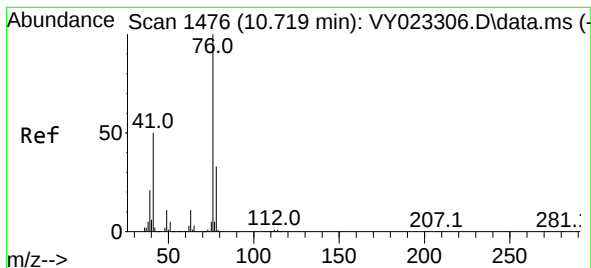
Tgt Ion:	97	Resp:	195025
Ion	Ratio	Lower	Upper
97	100		
83	81.6	65.3	97.9
85	53.2	42.6	63.8
99	61.0	48.8	73.2



#56
Ethyl methacrylate
Concen: 54.250 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion:	69	Resp:	242372
Ion	Ratio	Lower	Upper
69	100		
41	57.4	45.9	68.9
39	32.8	26.2	39.4





#57

1,3-Dichloropropane

Concen: 51.334 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

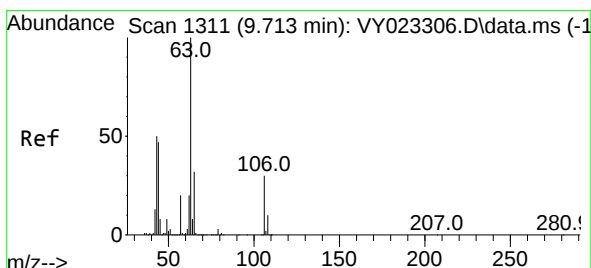
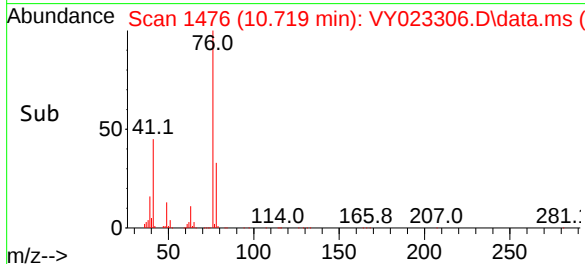
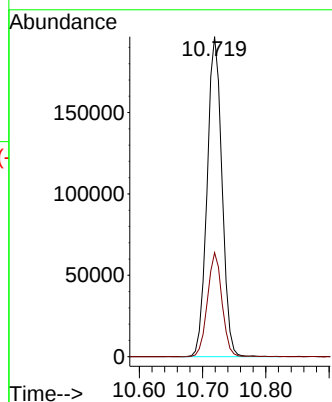
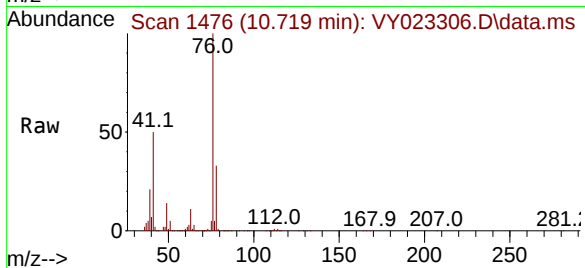
VSTDICCC050

Tgt Ion: 76 Resp: 321373

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 280.634 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023306.D

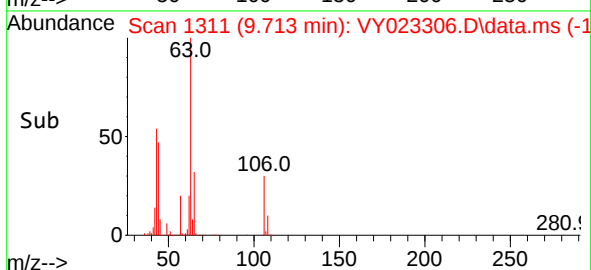
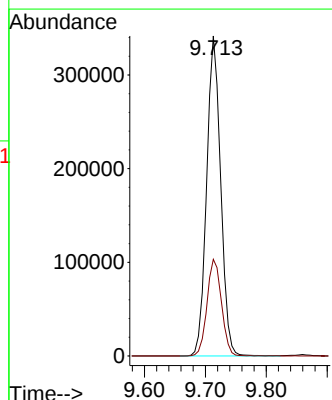
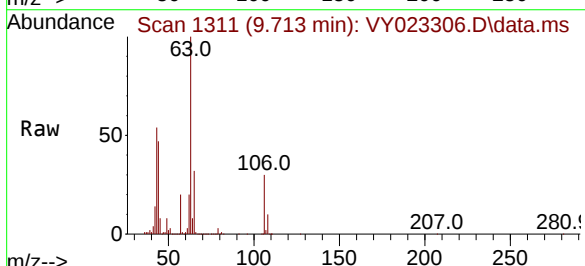
Acq: 08 Sep 2025 11:23

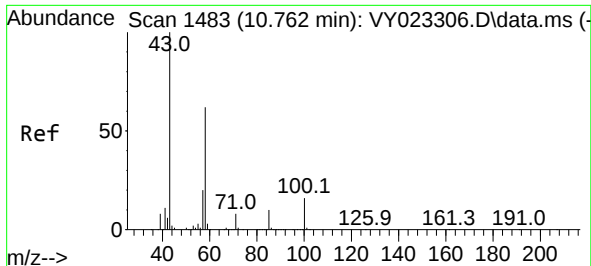
Tgt Ion: 63 Resp: 546457

Ion Ratio Lower Upper

63 100

106 31.1 24.9 37.3

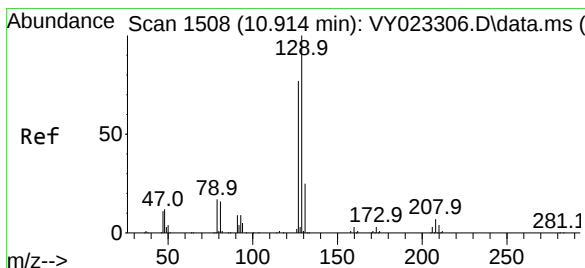
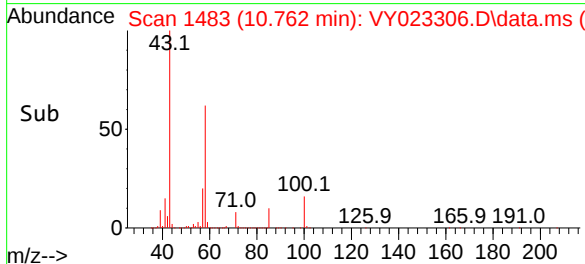
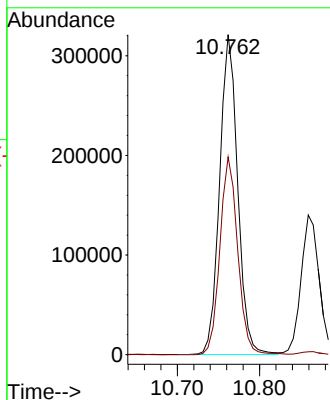
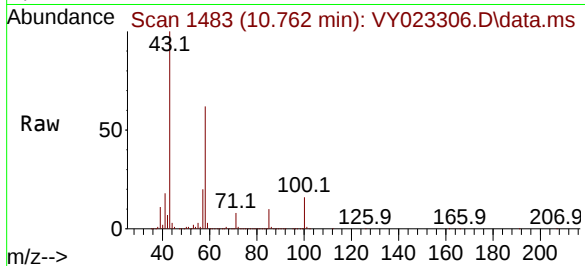




#59
2-Hexanone
Concen: 264.125 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

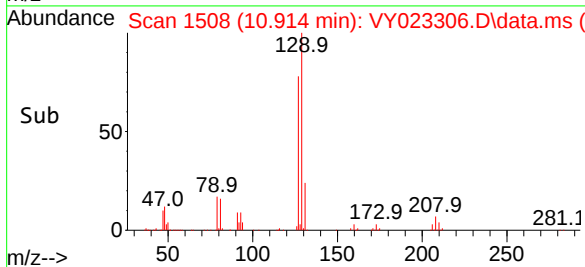
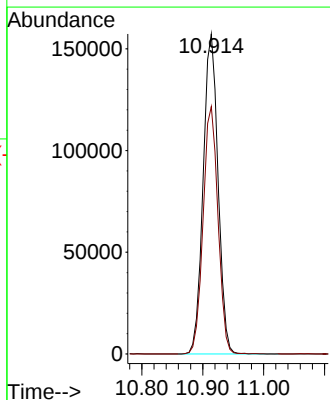
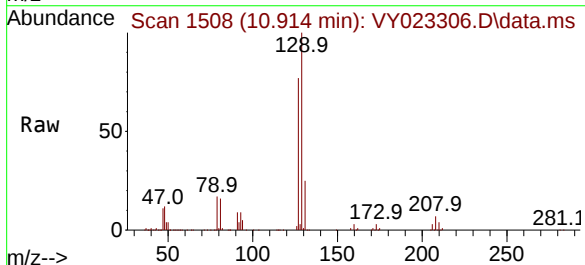
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

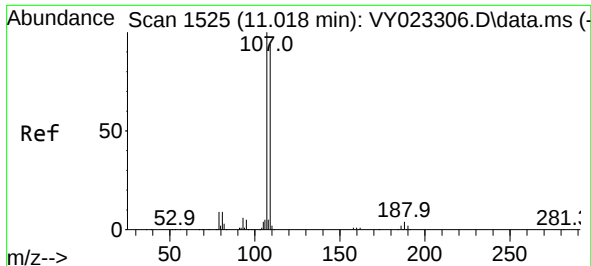
Tgt Ion: 43 Resp: 490109
Ion Ratio Lower Upper
43 100
58 61.1 30.6 91.6



#60
Dibromochloromethane
Concen: 51.065 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 129 Resp: 267186
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

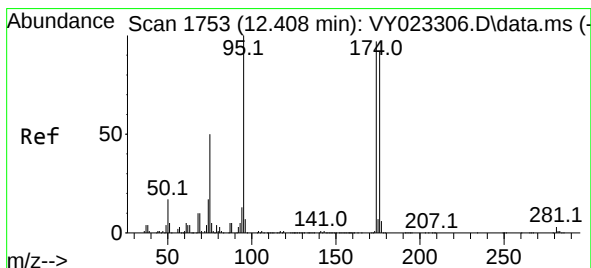
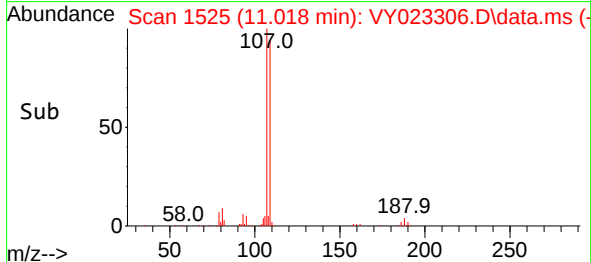
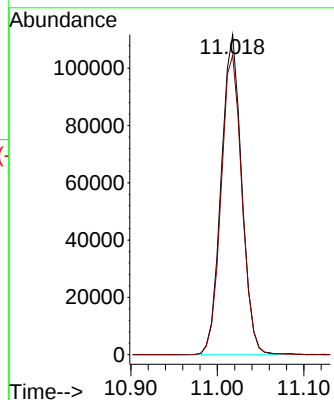
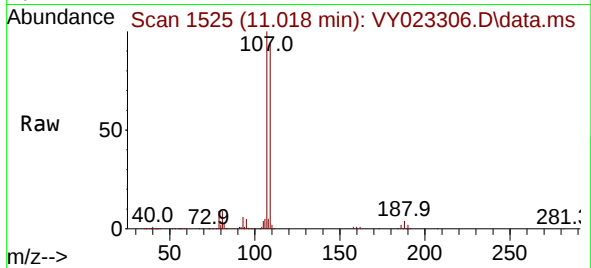




#61
1,2-Dibromoethane
Concen: 50.741 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

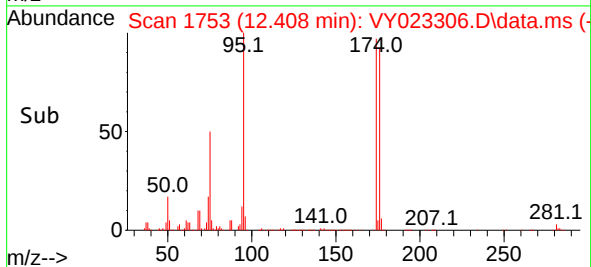
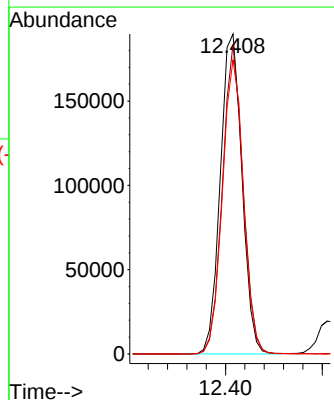
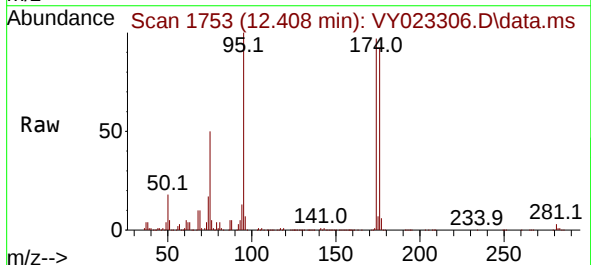
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

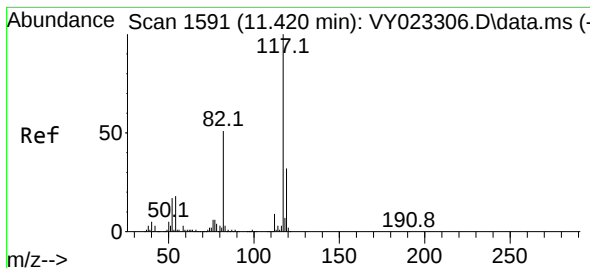
Tgt Ion:107 Resp: 183355
Ion Ratio Lower Upper
107 100
109 95.4 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 52.026 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 95 Resp: 294348
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.0
176 89.4 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

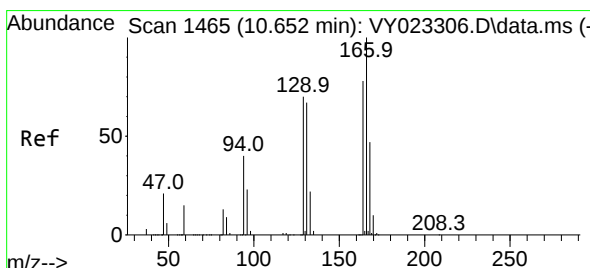
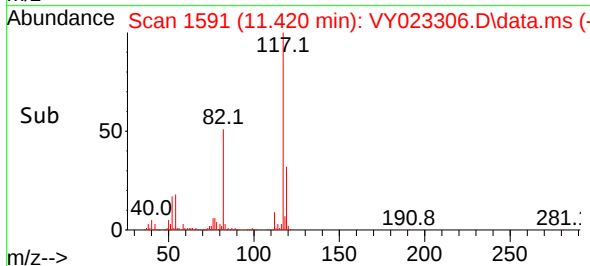
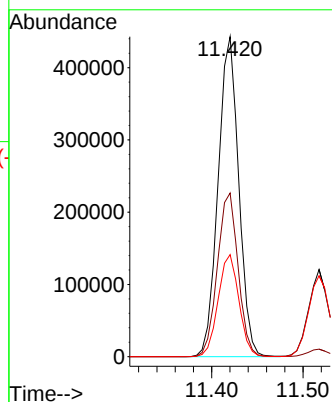
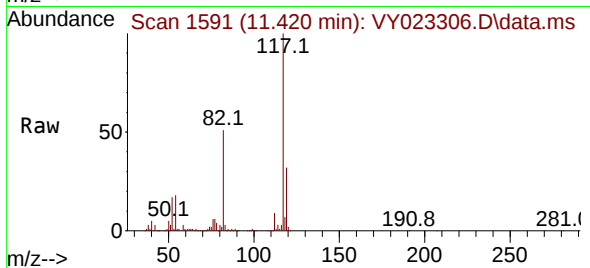
Tgt Ion:117 Resp: 694798

Ion Ratio Lower Upper

117 100

82 51.2 41.0 61.4

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 51.342 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Tgt Ion:164 Resp: 355533

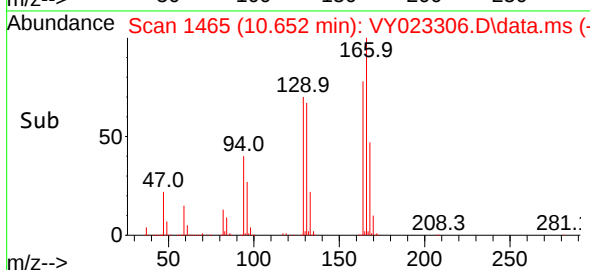
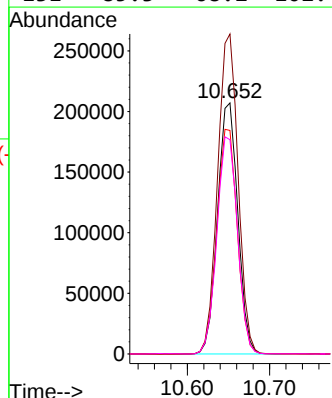
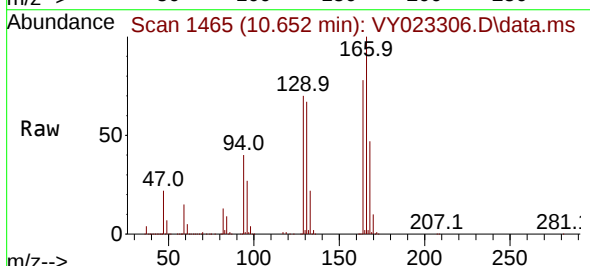
Ion Ratio Lower Upper

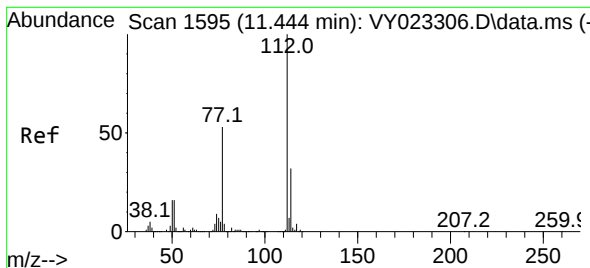
164 100

166 127.5 102.0 153.0

129 89.0 71.2 106.8

131 85.3 68.2 102.4





#65

Chlorobenzene

Concen: 50.493 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

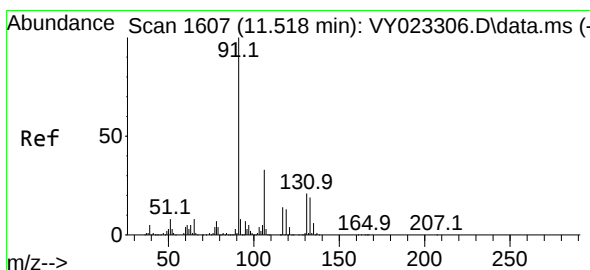
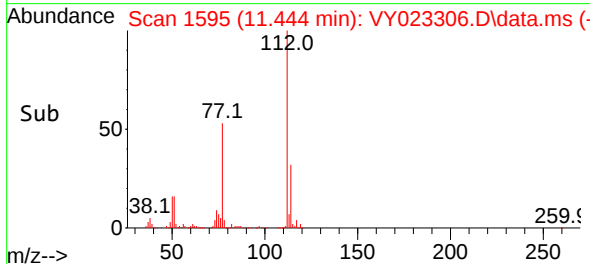
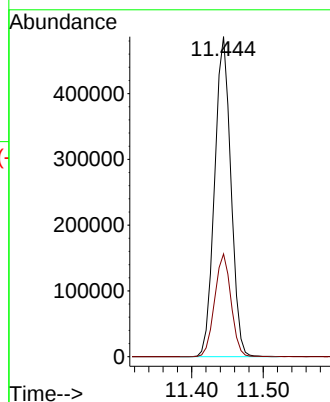
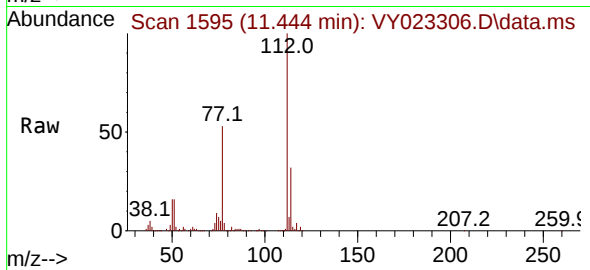
VSTDICCC050

Tgt Ion:112 Resp: 768569

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 50.336 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

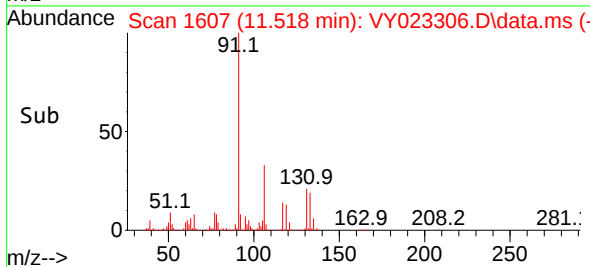
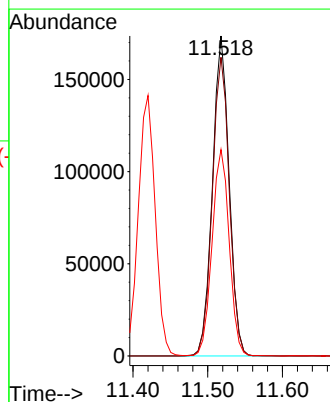
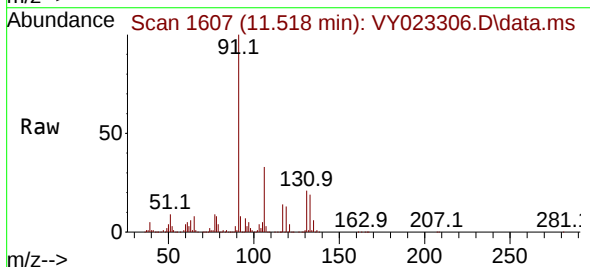
Tgt Ion:131 Resp: 268927

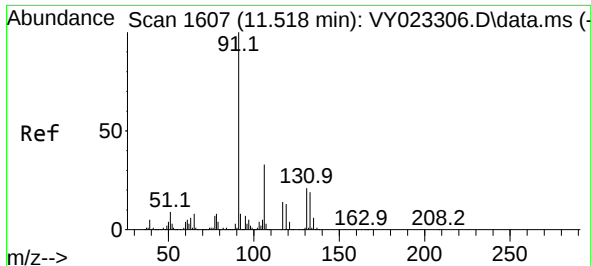
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 66.4 33.2 99.6





#67

Ethyl Benzene

Concen: 52.368 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

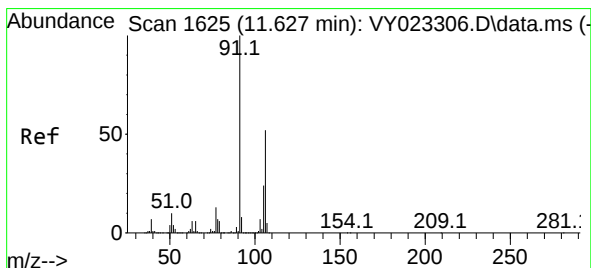
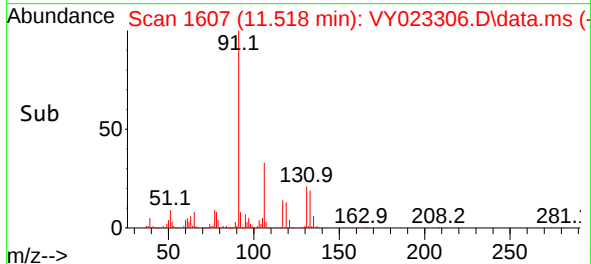
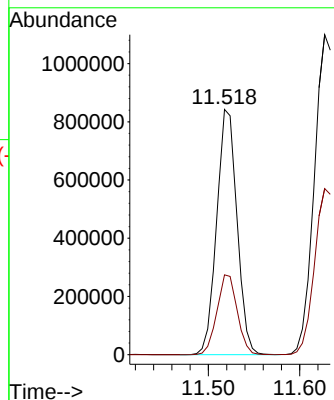
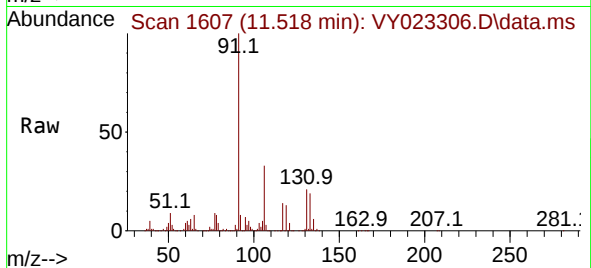
VSTDICCC050

Tgt Ion: 91 Resp: 1302238

Ion Ratio Lower Upper

91 100

106 32.6 26.1 39.1



#68

m/p-Xylenes

Concen: 105.137 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023306.D

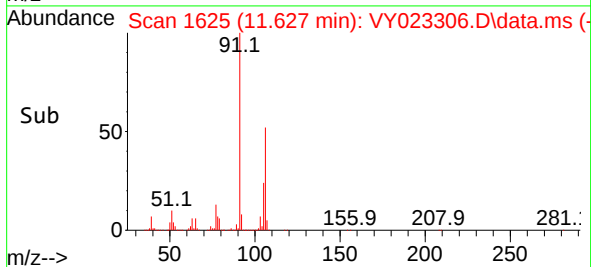
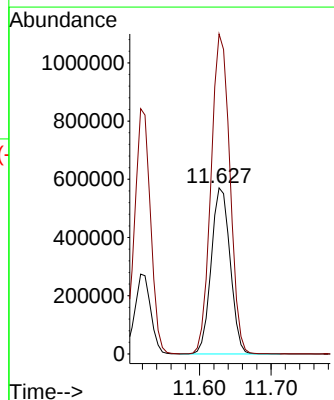
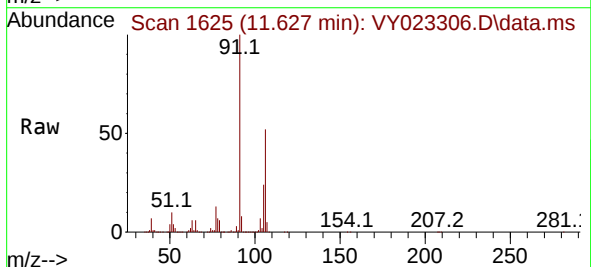
Acq: 08 Sep 2025 11:23

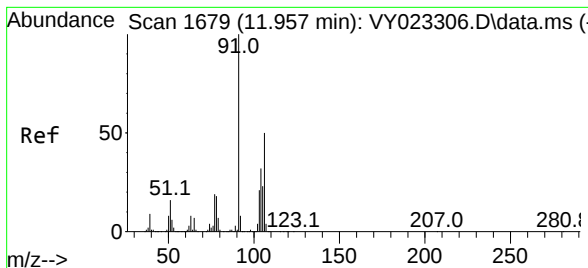
Tgt Ion:106 Resp: 1046889

Ion Ratio Lower Upper

106 100

91 192.4 153.9 230.9

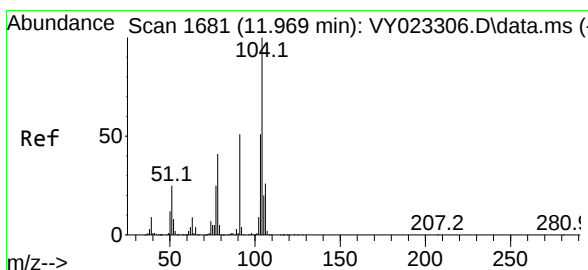
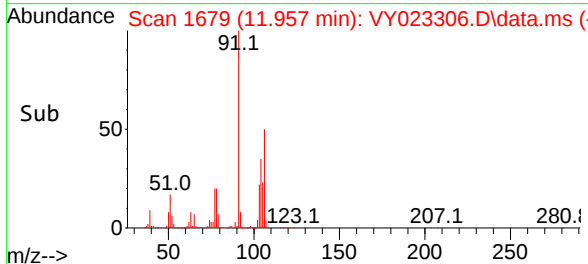
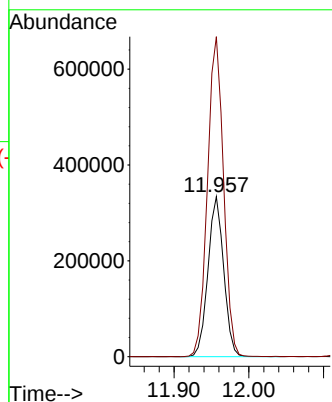
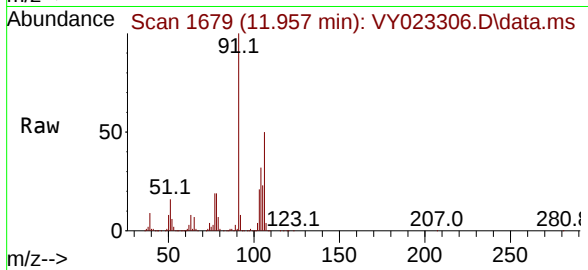




#69
o-Xylene
Concen: 52.964 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

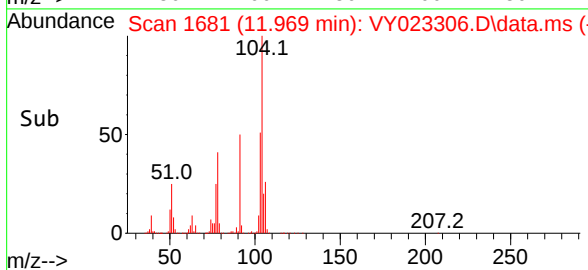
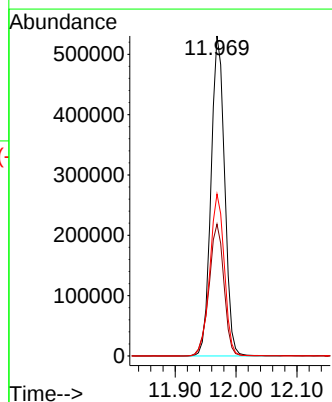
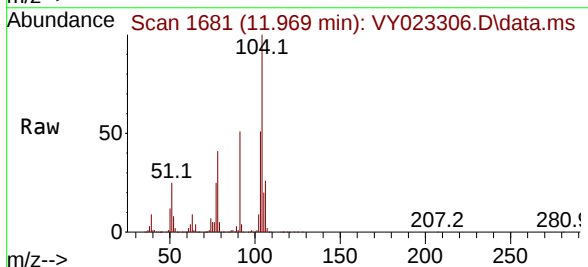
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

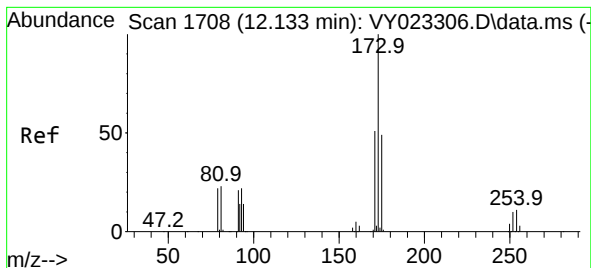
Tgt Ion:106 Resp: 488210
Ion Ratio Lower Upper
106 100
91 204.3 102.2 306.5



#70
Styrene
Concen: 53.998 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion:104 Resp: 824921
Ion Ratio Lower Upper
104 100
78 45.0 36.0 54.0
103 54.0 43.2 64.8





#71

Bromoform

Concen: 50.465 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

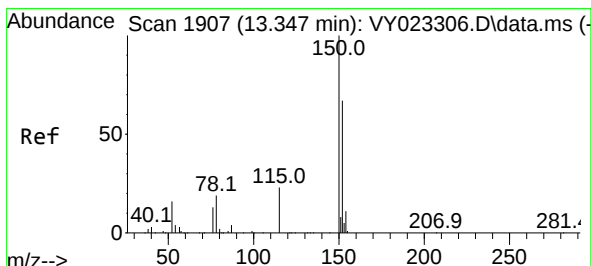
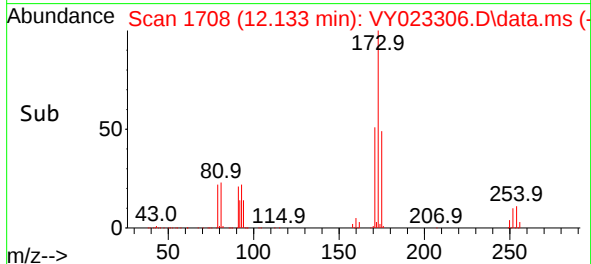
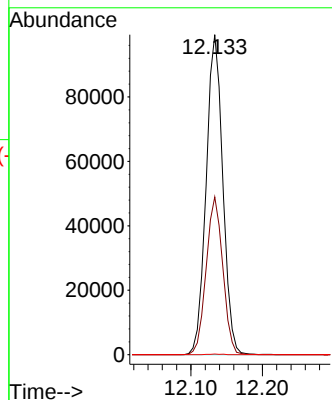
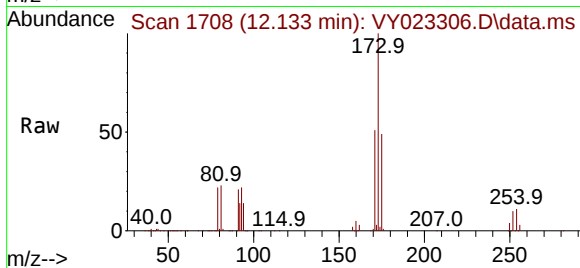
Tgt Ion:173 Resp: 160560

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.6

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

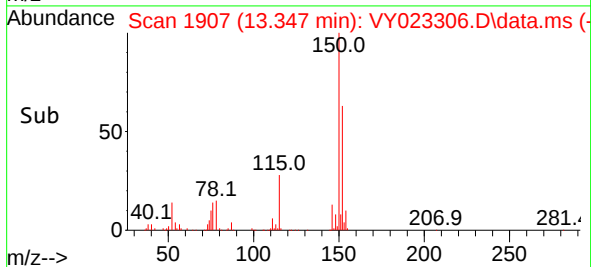
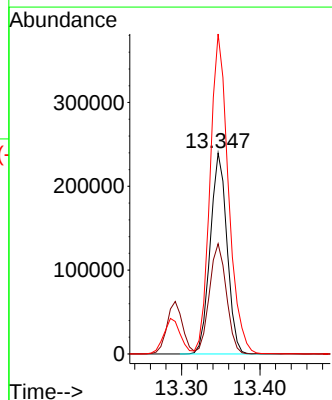
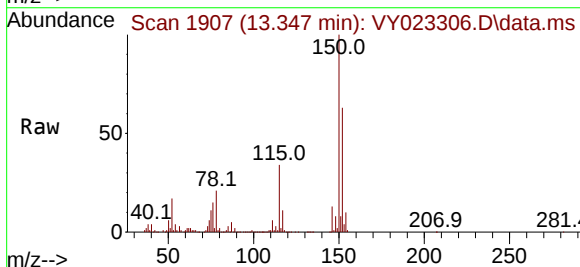
Tgt Ion:152 Resp: 356166

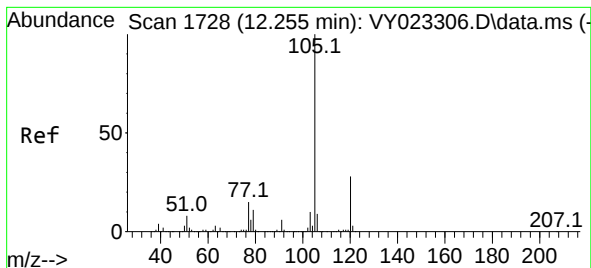
Ion Ratio Lower Upper

152 100

115 55.4 27.7 83.1

150 174.3 0.0 348.6





#73

Isopropylbenzene

Concen: 52.581 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

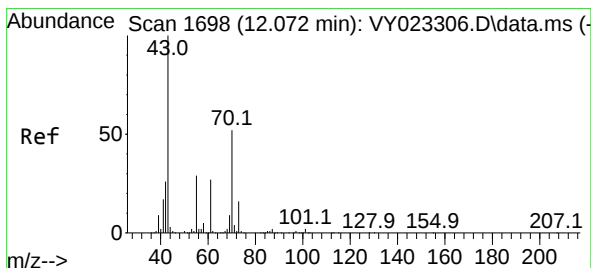
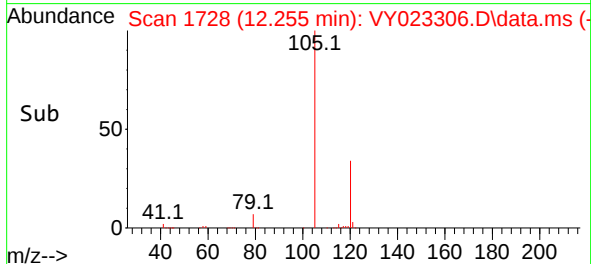
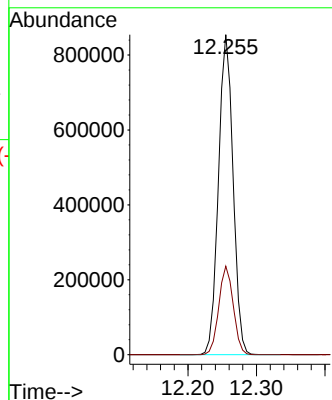
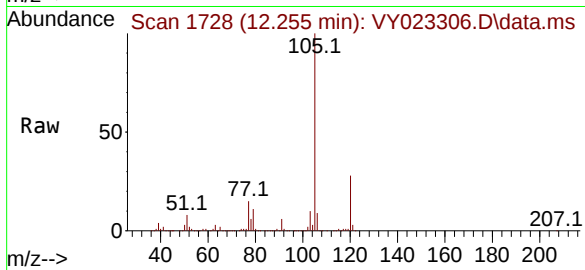
VSTDICCC050

Tgt Ion:105 Resp: 1261495

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 52.296 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Tgt Ion: 43 Resp: 237152

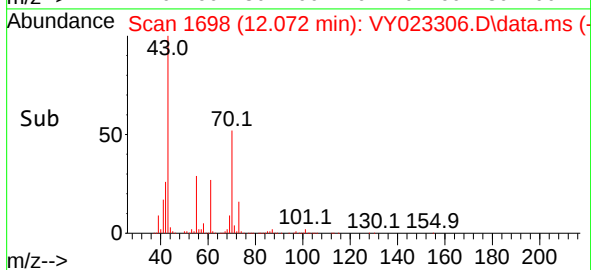
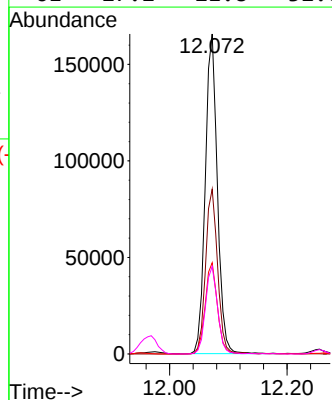
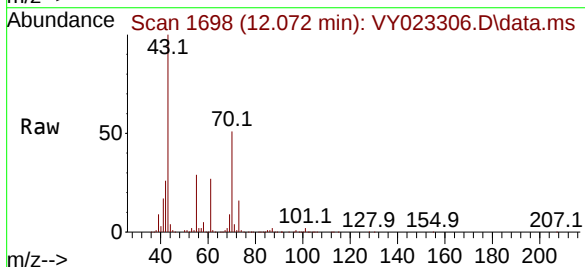
Ion Ratio Lower Upper

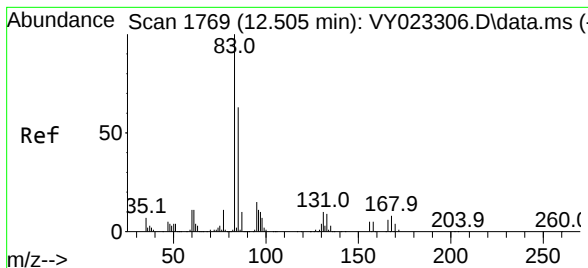
43 100

70 51.2 41.0 61.4

55 29.1 23.3 34.9

61 27.2 21.8 32.6

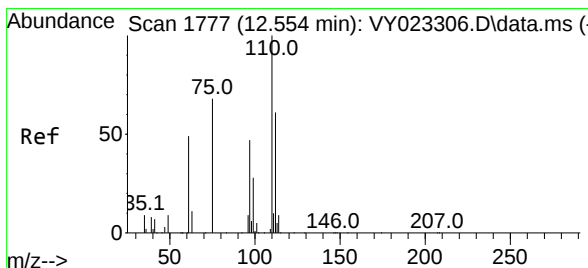
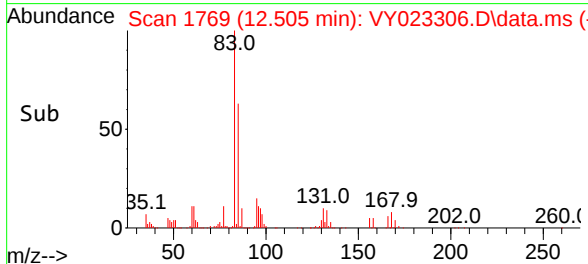
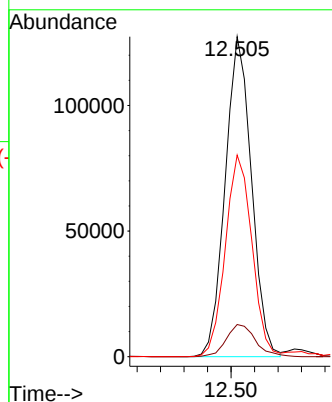
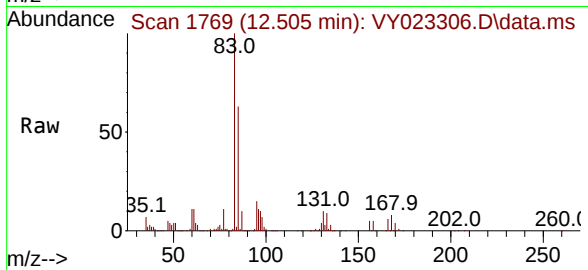




#75
1,1,2,2-Tetrachloroethane
Concen: 49.235 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

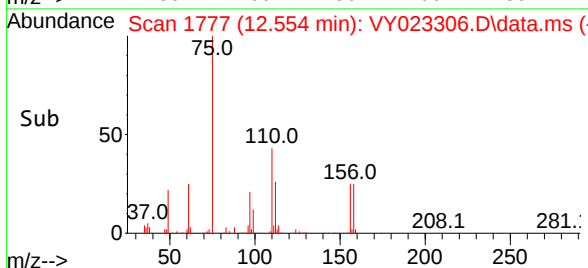
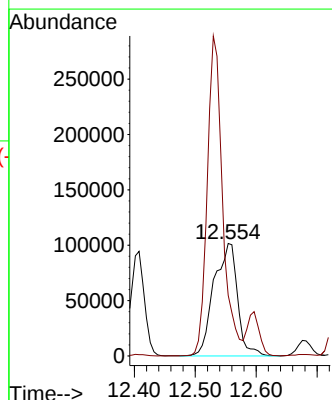
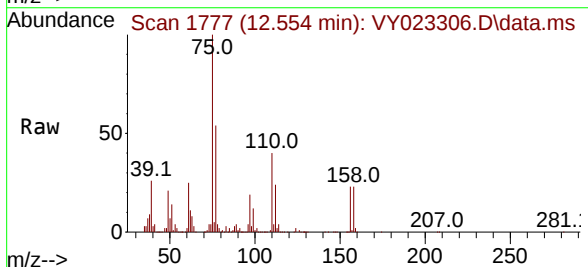
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

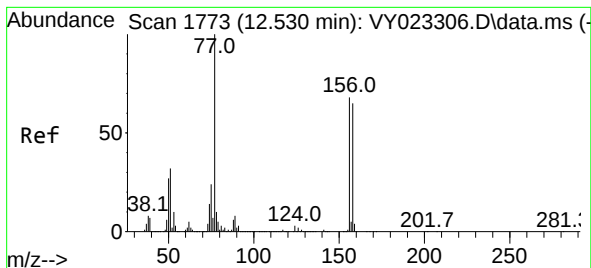
Tgt Ion: 83 Resp: 198241
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 63.7 31.9 95.5



#76
1,2,3-Trichloropropane
Concen: 69.186 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 75 Resp: 272635
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.068 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

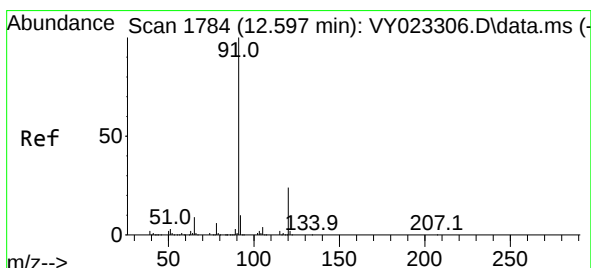
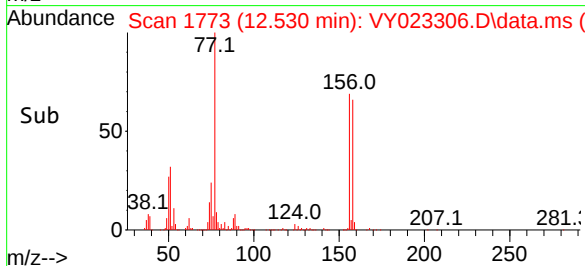
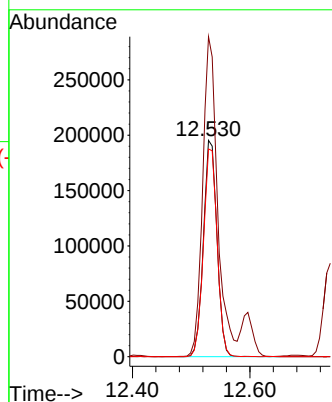
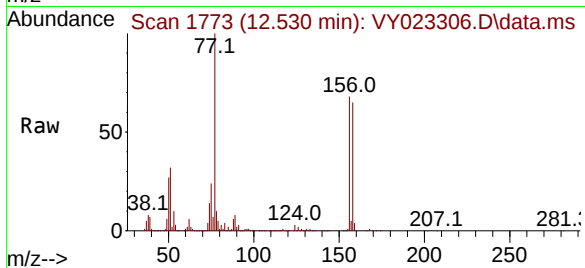
Tgt Ion:156 Resp: 313012

Ion Ratio Lower Upper

156 100

77 162.6 81.3 243.9

158 97.4 48.7 146.1



#78

n-propylbenzene

Concen: 52.889 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023306.D

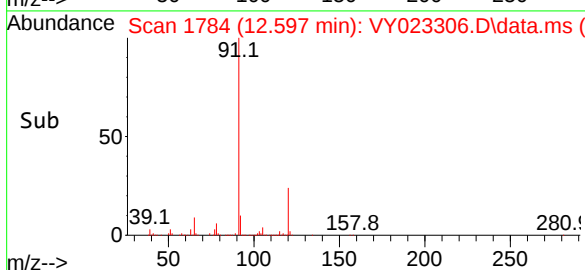
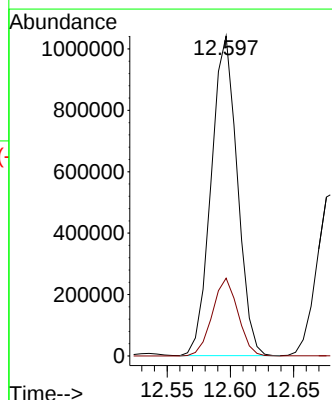
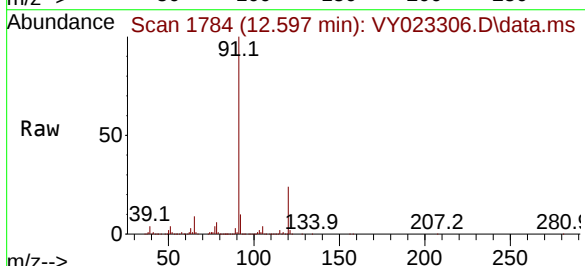
Acq: 08 Sep 2025 11:23

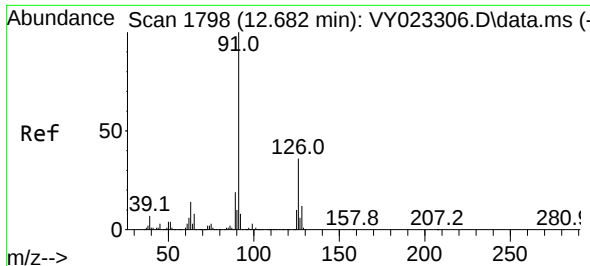
Tgt Ion: 91 Resp: 1495542

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.7

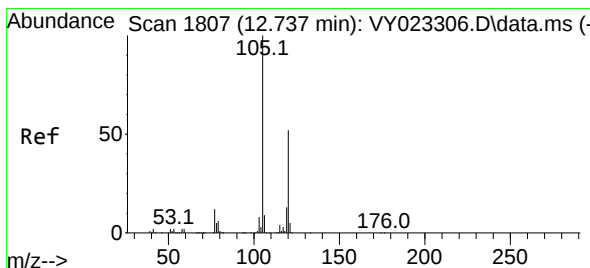
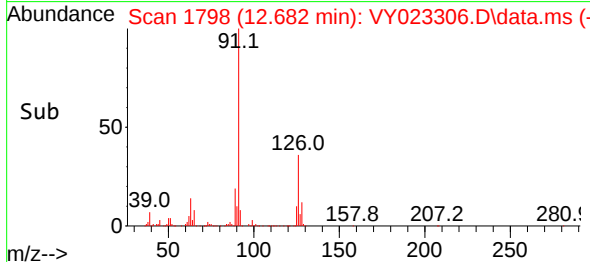
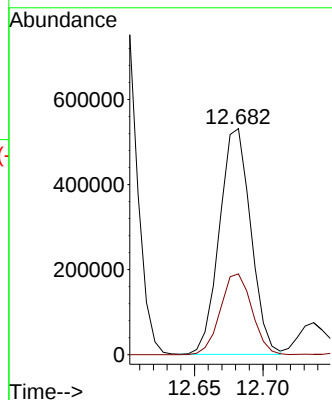
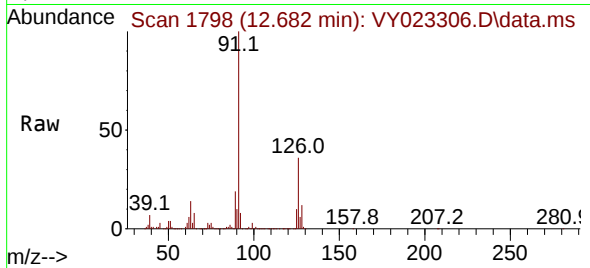




#79
2-Chlorotoluene
Concen: 51.960 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

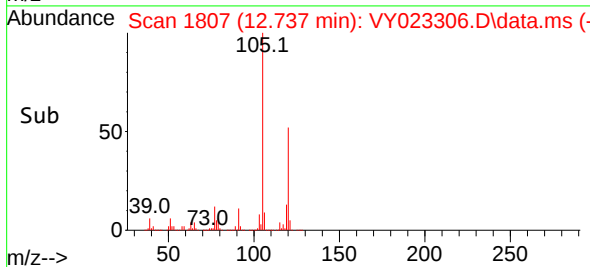
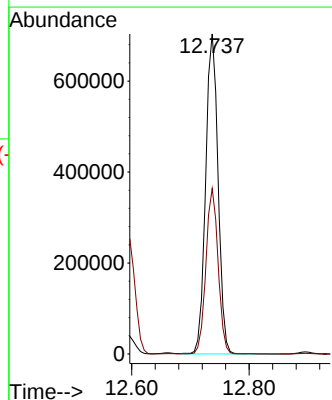
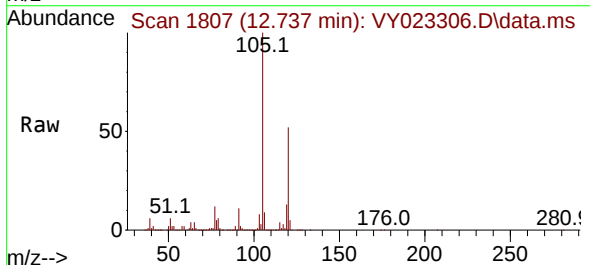
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

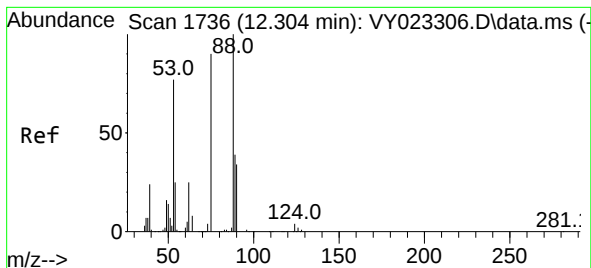
Tgt Ion: 91 Resp: 846258
Ion Ratio Lower Upper
91 100
126 36.0 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 52.858 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 105 Resp: 1031398
Ion Ratio Lower Upper
105 100
120 50.9 25.4 76.4

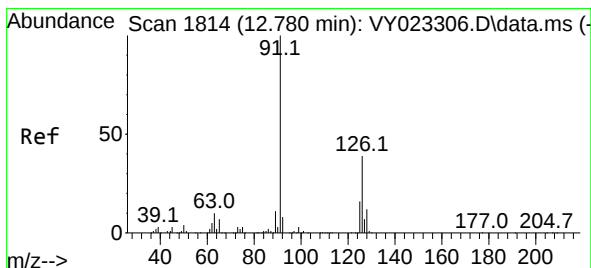
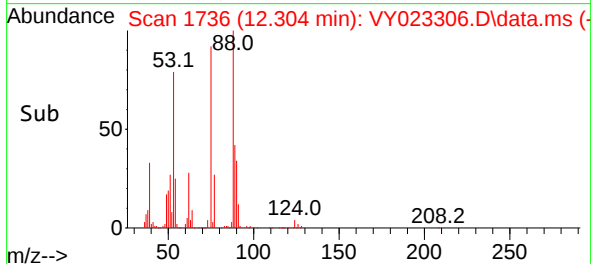
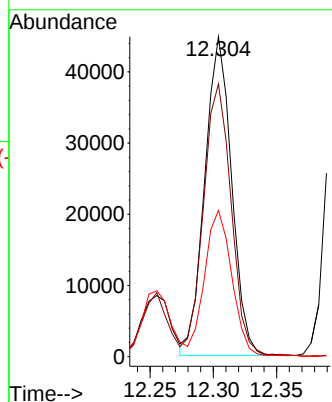
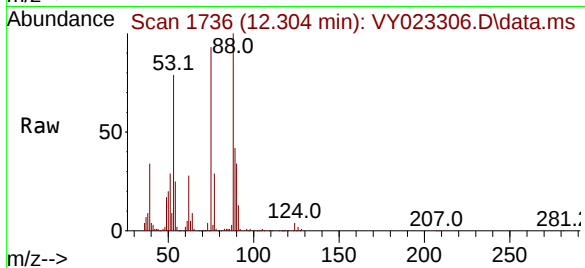




#81
trans-1,4-Dichloro-2-butene
Concen: 49.977 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

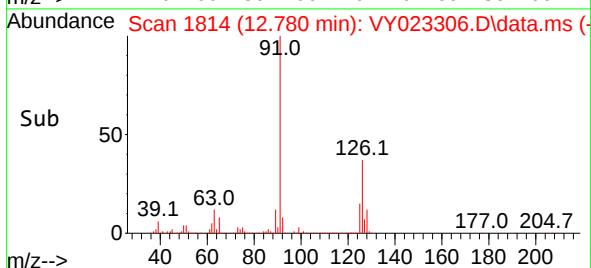
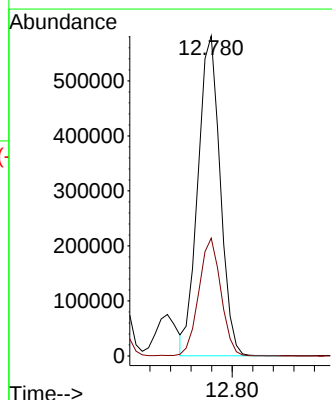
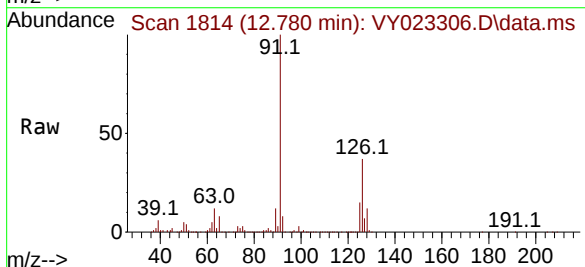
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

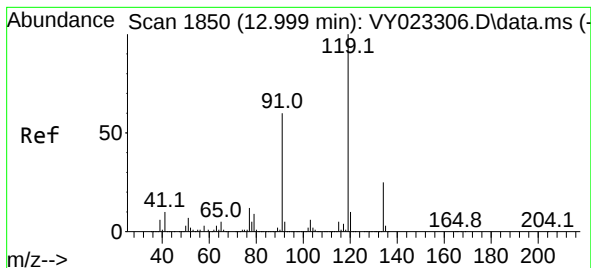
Tgt Ion: 75 Resp: 66100
Ion Ratio Lower Upper
75 100
53 88.6 70.9 106.3
89 46.8 37.4 56.2



#82
4-Chlorotoluene
Concen: 51.398 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion: 91 Resp: 875904
Ion Ratio Lower Upper
91 100
126 36.6 18.3 54.9





#83

tert-Butylbenzene

Concen: 52.479 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

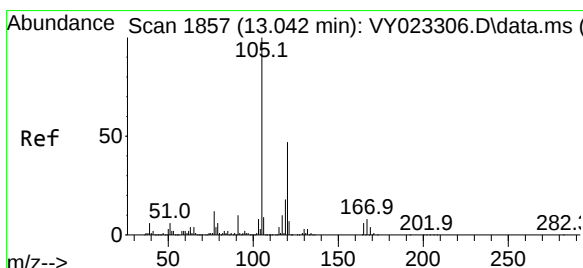
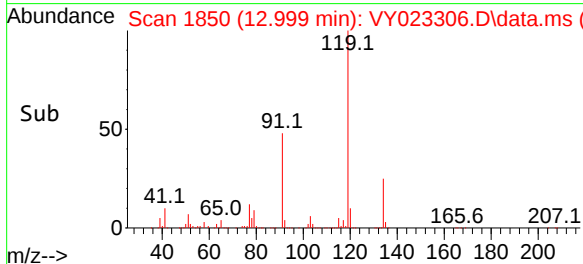
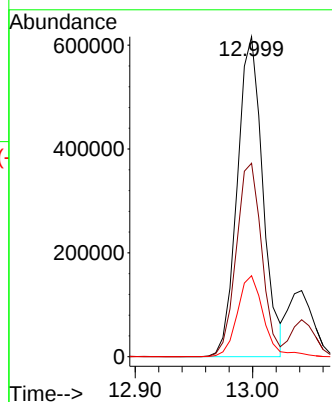
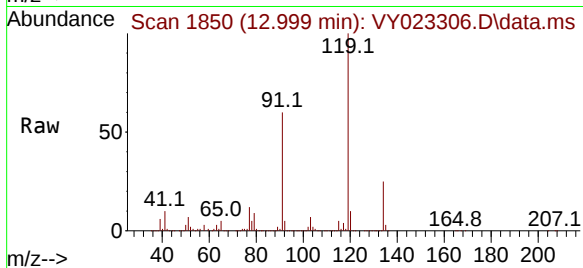
Tgt Ion:119 Resp: 927426

Ion Ratio Lower Upper

119 100

91 60.5 30.3 90.8

134 26.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 53.367 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023306.D

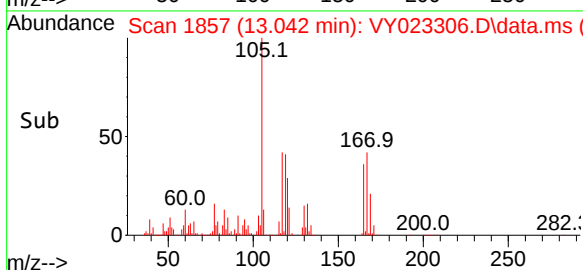
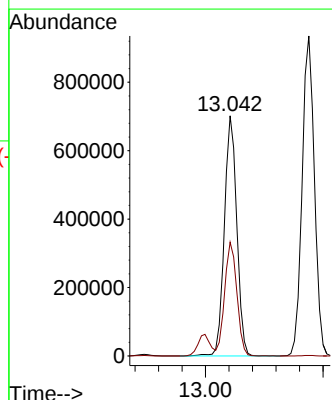
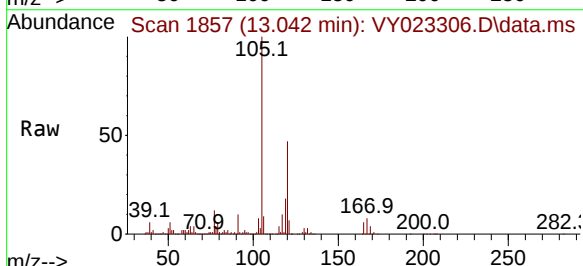
Acq: 08 Sep 2025 11:23

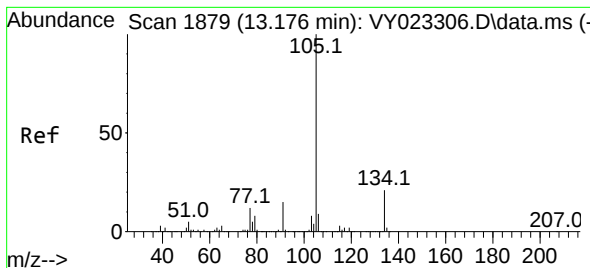
Tgt Ion:105 Resp: 1030176

Ion Ratio Lower Upper

105 100

120 46.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 52.663 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

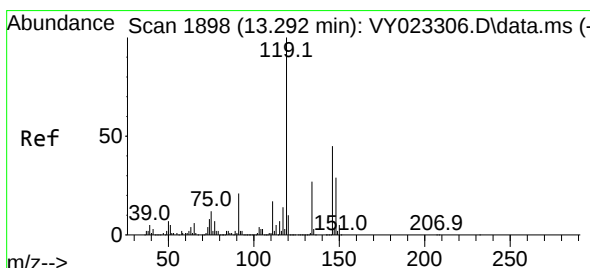
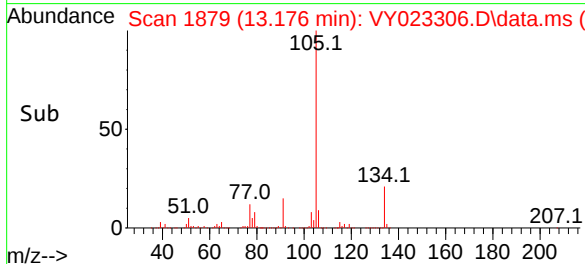
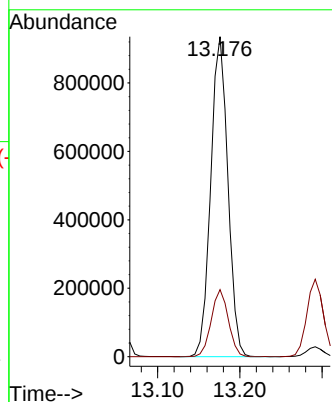
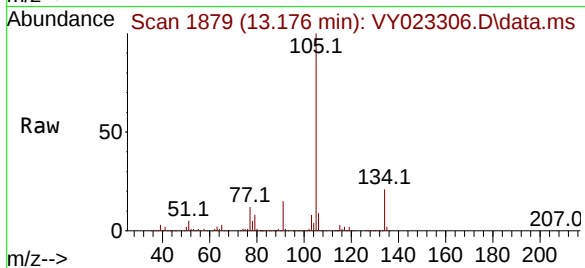
VSTDICCC050

Tgt Ion:105 Resp: 1354129

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 53.519 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

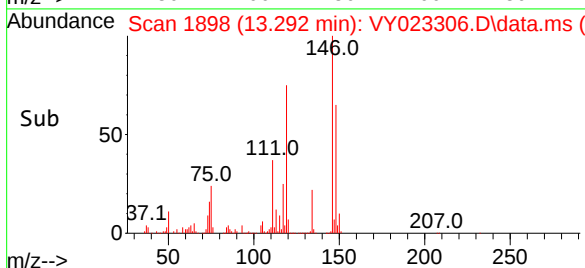
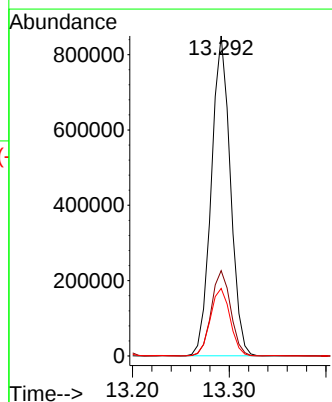
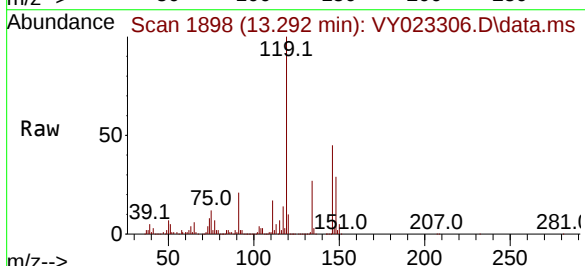
Tgt Ion:119 Resp: 1162434

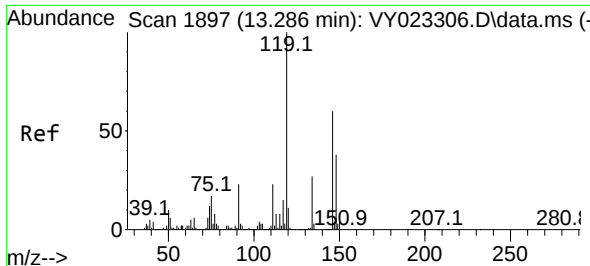
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 21.8 10.9 32.7

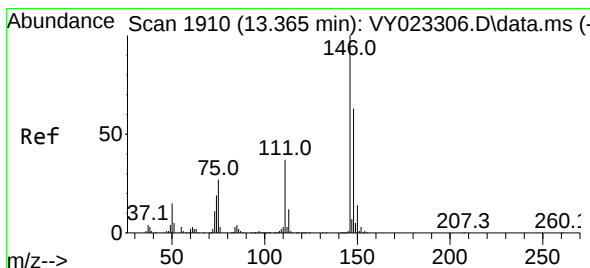
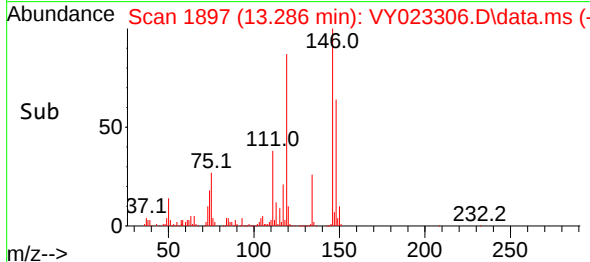
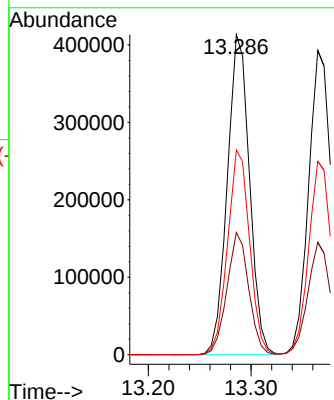
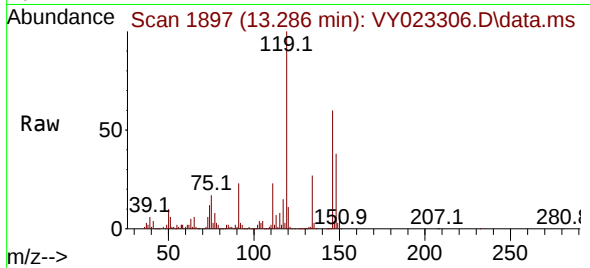




#87
1,3-Dichlorobenzene
Concen: 51.159 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

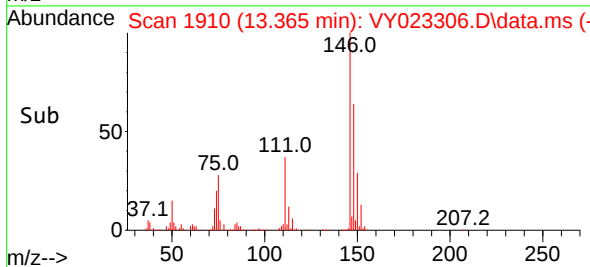
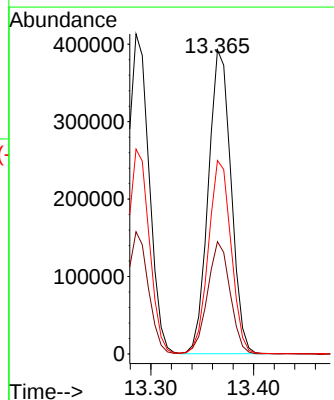
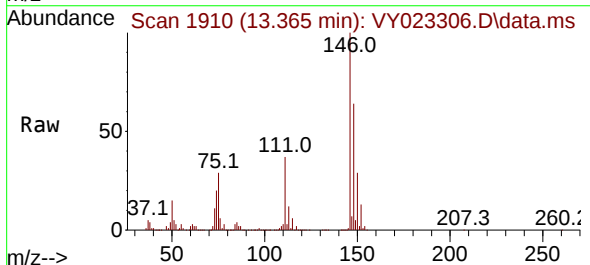
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

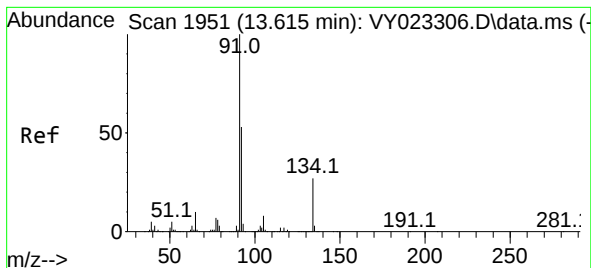
Tgt Ion:146 Resp: 620504
Ion Ratio Lower Upper
146 100
111 37.4 18.7 56.1
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.256 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023306.D
Acq: 08 Sep 2025 11:23

Tgt Ion:146 Resp: 603738
Ion Ratio Lower Upper
146 100
111 36.6 18.3 54.9
148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 53.786 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

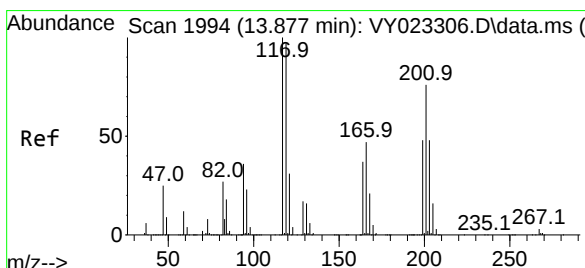
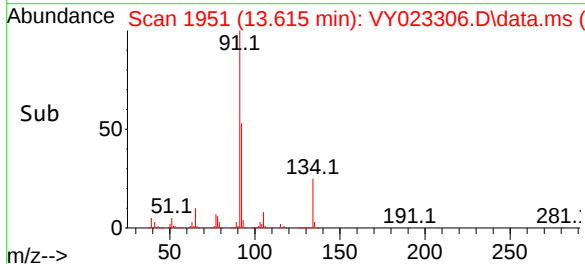
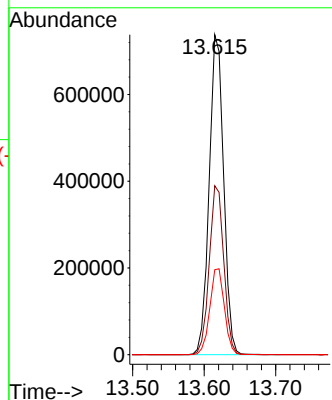
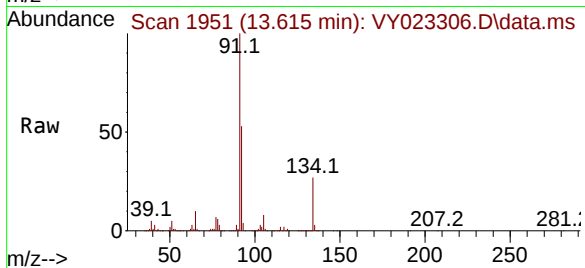
MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1036061

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	27.2	13.6	40.8



#90

Hexachloroethane

Concen: 49.730 ug/l

RT: 13.877 min Scan# 1994

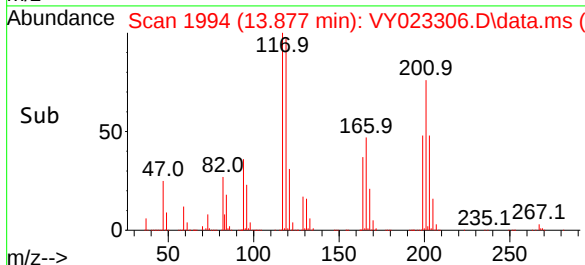
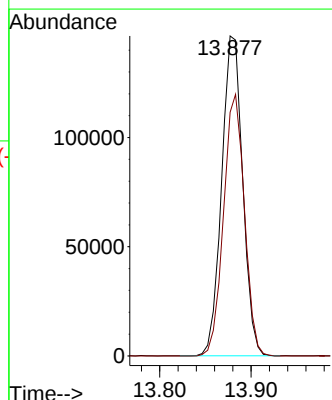
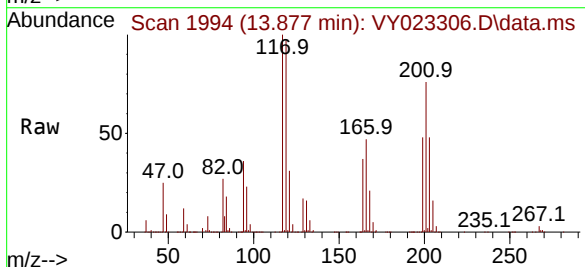
Delta R.T. 0.000 min

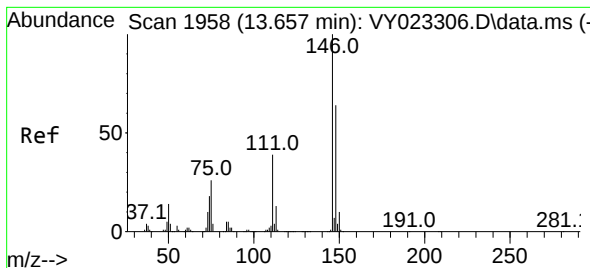
Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Tgt Ion: 117 Resp: 234170

Ion	Ratio	Lower	Upper
117	100		
201	81.2	40.6	121.8





#91

1,2-Dichlorobenzene

Concen: 50.970 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

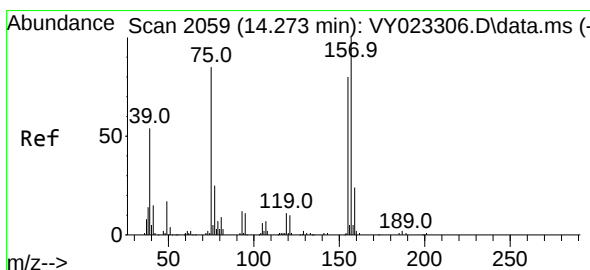
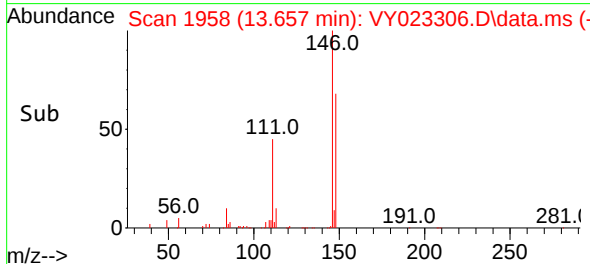
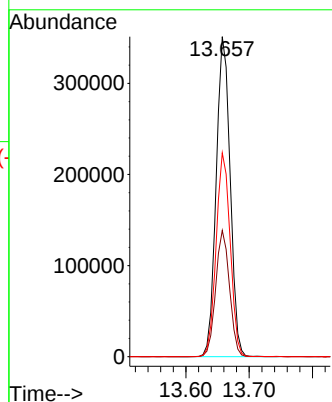
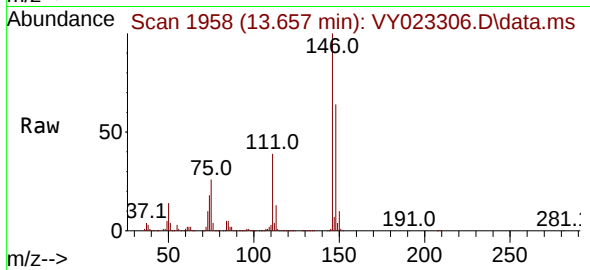
Tgt Ion:146 Resp: 539018

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.023 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

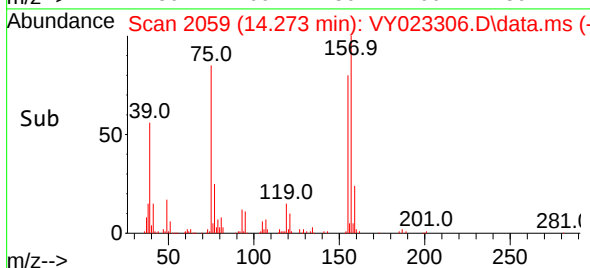
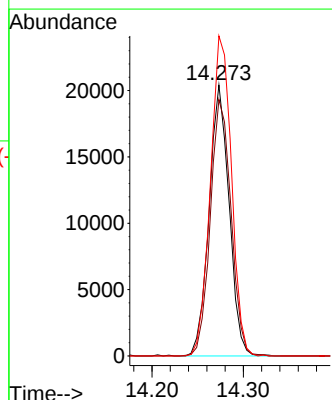
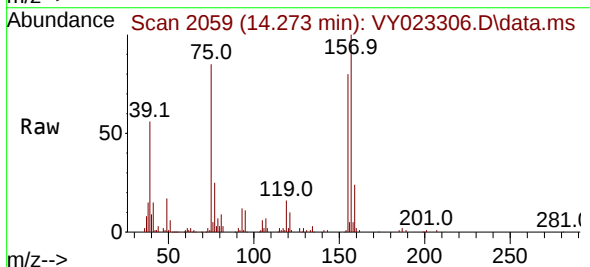
Tgt Ion: 75 Resp: 30972

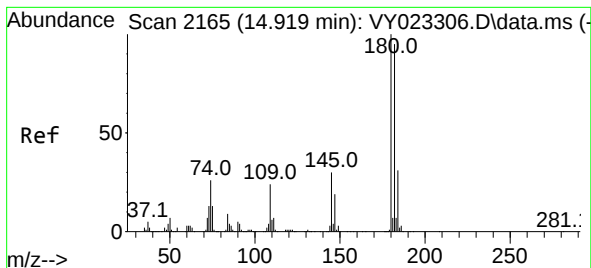
Ion Ratio Lower Upper

75 100

155 98.0 49.0 147.0

157 124.4 62.2 186.6





#93

1,2,4-Trichlorobenzene

Concen: 52.259 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

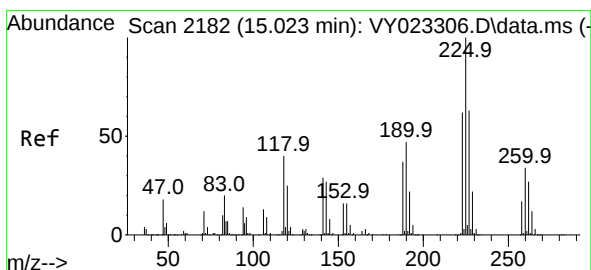
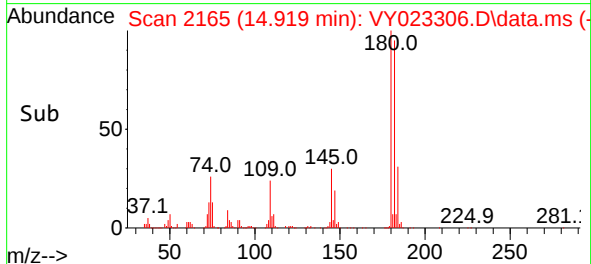
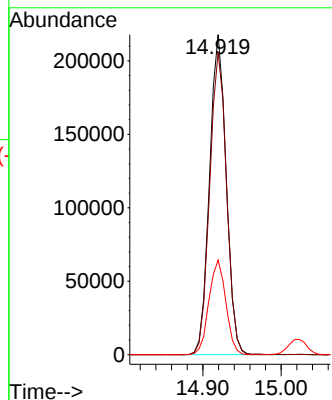
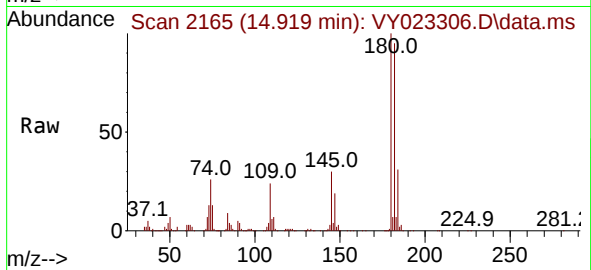
Tgt Ion:180 Resp: 322364

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

145 29.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 50.827 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

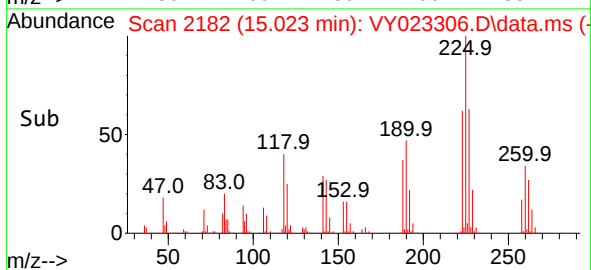
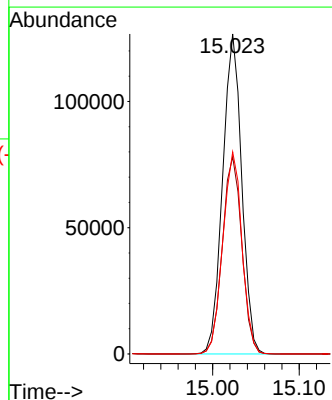
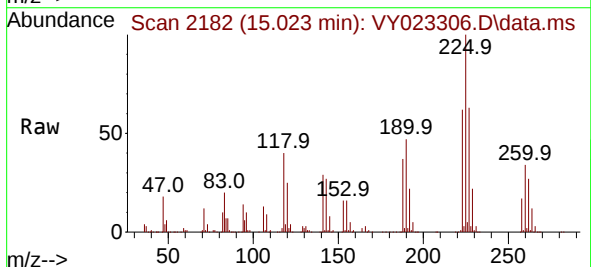
Tgt Ion:225 Resp: 193854

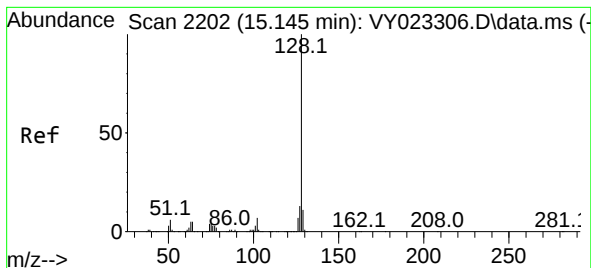
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 63.6 31.8 95.4





#95

Naphthalene

Concen: 54.583 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

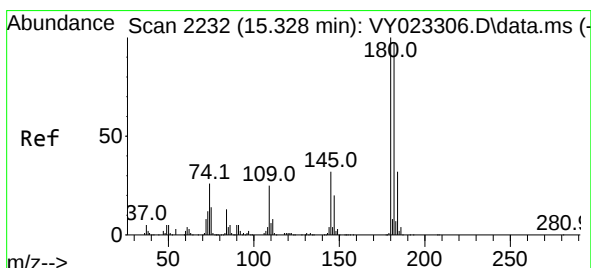
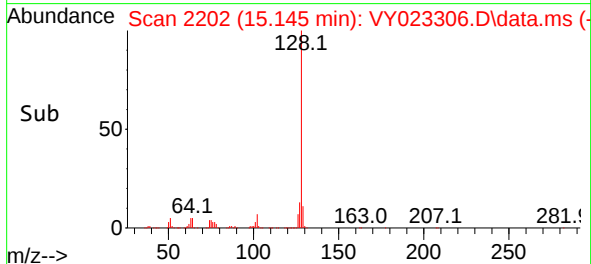
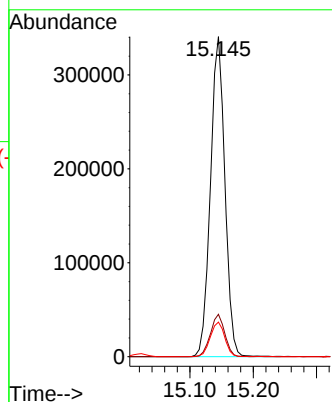
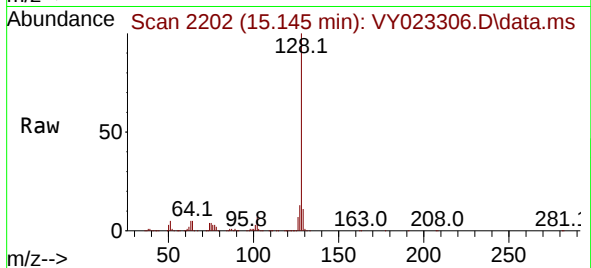
Tgt Ion:128 Resp: 541174

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.314 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023306.D

Acq: 08 Sep 2025 11:23

Tgt Ion:180 Resp: 280256

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

145 31.2 15.6 46.8

